



Date _____	Received by _____
Tracking Number _____	

DEVELOPMENT PLAN AND DESIGN REVIEW APPLICATION

REQUIRED ATTACHMENTS (One digital copy)

1. SITE PLAN

- North arrow, scale, and date of plan
- Location, dimensions, and area of permeable open space
- Name, address of the professional who prepared the plan
- Legend of symbols, patterns, and abbreviations used
- The entire lot(s), including area and property lines dimensioned (including gross area of the site)
- Curb cuts, interior streets, driveways, and parking and loading areas with dimensions and total area (sf)
- Location and dimensions of buildings and structures, including total floor area and distance from property lines
- Location of refuse storage locations
- Proposed right-of-way improvements including sidewalks and plantings, and pedestrian walkways
- Fence location, height, and materials

2. FLOOR PLAN **N/A**

- Indicating the dimensions and square footage of proposed development
- Room use
- Location of all walls, doors, and windows
- Location of all plumbing fixtures
- Location of major appliances/mechanical equipment
- Stairway location
- Firewall location (if applicable)

3. ARCHITECTURAL ELEVATIONS **N/A**

Architectural elevations of each side of the proposed structure drawn to scale indicating height, architectural elements, materials, colors, and textures proposed for any structures.

4. LIGHTING PLAN **N/A**

- Location of all exterior lighting, including those mounted on poles and walls
- Types, style, height, and the number of fixtures
- Manufacturer's illustrations and specifications of fixtures

5. SIGNAGE PLAN

- Proposed Signage with overall height, width, and materials
- Building Elevation (including building width and height)
- Site plan showing the location of all proposed detached sign(s) along with setback dimensions.

6. LANDSCAPE PLAN

- Name and address of professional who prepared the plan.
- Landscape plans shall be prepared by a registered landscape architect licensed by the Louisiana Horticulture Commission
- All landscape plans shall meet the minimum requirements of site plans
- Legend defining all symbols, patterns, and abbreviations used
- Location, quantity, size, name, and condition (both botanical and common) of all existing and proposed plant materials and trees.
- Description of all tree preservation measures on-site and in the public right-of-way
- Width, depth, and area of landscaped area(s)
- Proposed right-of-way improvements and pedestrian walkways

Planting proposed in the right-of-way must have Parks and Parkways approval

7. PHOTOS

- Photographs of the subject site and/or building

8. NARRATIVE

- Narrative addressing compliance with applicable Comprehensive Zoning Ordinance requirements and design goals

9. COLOR ELEVATIONS/RENDERING (DAC ONLY) **N/A**

- Color elevations and/or renderings are required for projects that trigger review by the Design Advisory Committee

FEES

Compliant Plan	\$225
CBD Demolitions	\$500
Moratorium Appeals	\$1,000

LEGEND - EXISTING

----- C -----	UNDERGROUND CABLE TV LINE	(D)	DRAIN MANHOLE
----- SIZE D -----	DRAIN LINE	(E)	ELECTRIC MANHOLE
----- E -----	UNDERGROUND ELECTRIC LINE	(S)	SEWER MANHOLE
----- FO -----	UNDERGROUND FIBER OPTIC LINE	(W)	WATER MANHOLE
----- SIZE G -----	GAS MAIN	(WM)	WATER METER
----- SIZE S -----	SEWER MAIN	(WV)	WATER VALVE
----- T -----	UNDERGROUND TELEPHONE LINE	(WV)	GAS VALVE
----- SIZE W -----	WATER LINE	(P)	CABLE PEDESTAL
----- OHE -----	OVERHEAD ELECTRIC LINE	(P)	TELEPHONE PEDESTAL
[Symbol]	MOUNTABLE CATCH BASIN	[Symbol]	POWER POLE
[Symbol]	DROP INLET	[Symbol]	LIGHT POLE
[Symbol]	VERTICAL CATCH BASIN	[Symbol]	MAIL BOX
		[Symbol]	FIRE HYDRANT
		[Symbol]	SIGN

LEGEND - NEW IMPROVEMENTS

CONTOUR	12
SWALE	[Symbol]
SPOT ELEVATION	x 12.00
SPOT ELEVATION (TOP OF PAVEMENT)	x 12.00 I.P.
SPOT ELEVATION (TOP OF CONCRETE)	x 12.00 I.C.
SPOT ELEVATION (MATCH EXISTING)	x 12.00 M.E.
SLOPE	-S

NOTE:
REFERENCE LANDSCAPE ARCHITECTS PLANS FOR NATURE TRAIL TYPICAL SECTION AND ALL PLANTING PLANS AND DETAILS

GRADING NOTES:

1. TOPOGRAPHIC INFORMATION WAS TAKEN FROM THE TOPOGRAPHIC SURVEY INCLUDED AS PART OF THESE CONSTRUCTION DOCUMENTS. IF CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, THE CONTRACTOR SHALL HAVE MADE, AT HIS EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR & SUBMIT IT TO THE OWNER FOR REVIEW AND APPROVAL.
2. EXISTING AND/OR PROPOSED GRADE CONTOURS ARE SHOWN AT ONE FOOT (1') INTERVALS.
3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION &/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES & WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE REQUIRED IMPROVEMENTS SHOWN ON THE PLANS.
4. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITIES & NOTIFYING THE APPROPRIATE UTILITY COMPANY PRIOR TO BEGINNING CONSTRUCTION.
5. CONTRACTOR SHALL VERIFY HORIZONTAL & VERTICAL LOCATION OF ALL EXISTING STORM SEWER STRUCTURES, PIPES, & ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL VERIFY THE INVERT OF THE EXISTING STORM DRAIN SYSTEM AT THE TIE IN POINT(S) AND NOTIFY THE CIVIL ENGINEER OF ANY DEVIATION TO WHAT IS SHOWN ON THE PLANS.
6. CLEARING & GRUBBING LIMITS SHALL INCLUDE ALL AREAS DISTURBED BY GRADING OPERATIONS. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UNDISTURBED AREAS, ALL PROPERTY CORNERS & REPLACING ALL PROPERTY CORNER MARKERS ELIMINATED OR DAMAGED DURING CONSTRUCTION.
7. CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST STANDARD OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION & TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING, & OTHER MEANS OF PROTECTION. THIS TO INCLUDE BUT NOT LIMITED TO, ACCESS & EGRESS FROM ALL EXCAVATION & TRENCHING. CONTRACTOR IS RESPONSIBLE TO COMPLY WITH PERFORMANCE CRITERIA FOR OSHA.
8. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING VERTICAL CONTROL INCLUDING THE SETTING OF CONSTRUCTION BENCHMARKS.
9. ADEQUATE DRAINAGE MEASURES MUST BE ESTABLISHED, MAINTAINED, AND TEMPORARILY ADJUSTED AS NEEDED THROUGHOUT CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE AT ALL TIMES AND PREVENT ACCUMULATION OF SURFACE WATER. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING SUBGRADE CONDITIONS AND PROTECTING THE CONDITION OF PREVIOUSLY PERFORMED EARTHWORK.
10. DEWATERING: GROUNDWATER LEVELS CAN FLUCTUATE DEPENDING ON TIME OF YEAR. THE CONTRACTOR SHALL INCLUDE PROVISIONS IN THEIR BASE BID FOR WATER CONTROL DURING CONSTRUCTION INCLUDING (BUT NOT LIMITED TO) DEEP EXCAVATIONS, DEMOLITION, PROOF ROLLING ACTIVITIES, FOUNDATION/FOOTING WORK, PLACEMENT OF FILL, AND INSTALLATION OF SUB-SURFACE IMPROVEMENTS.

NOTE:
THE PRESENCE OF GROUNDWATER SHALL BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

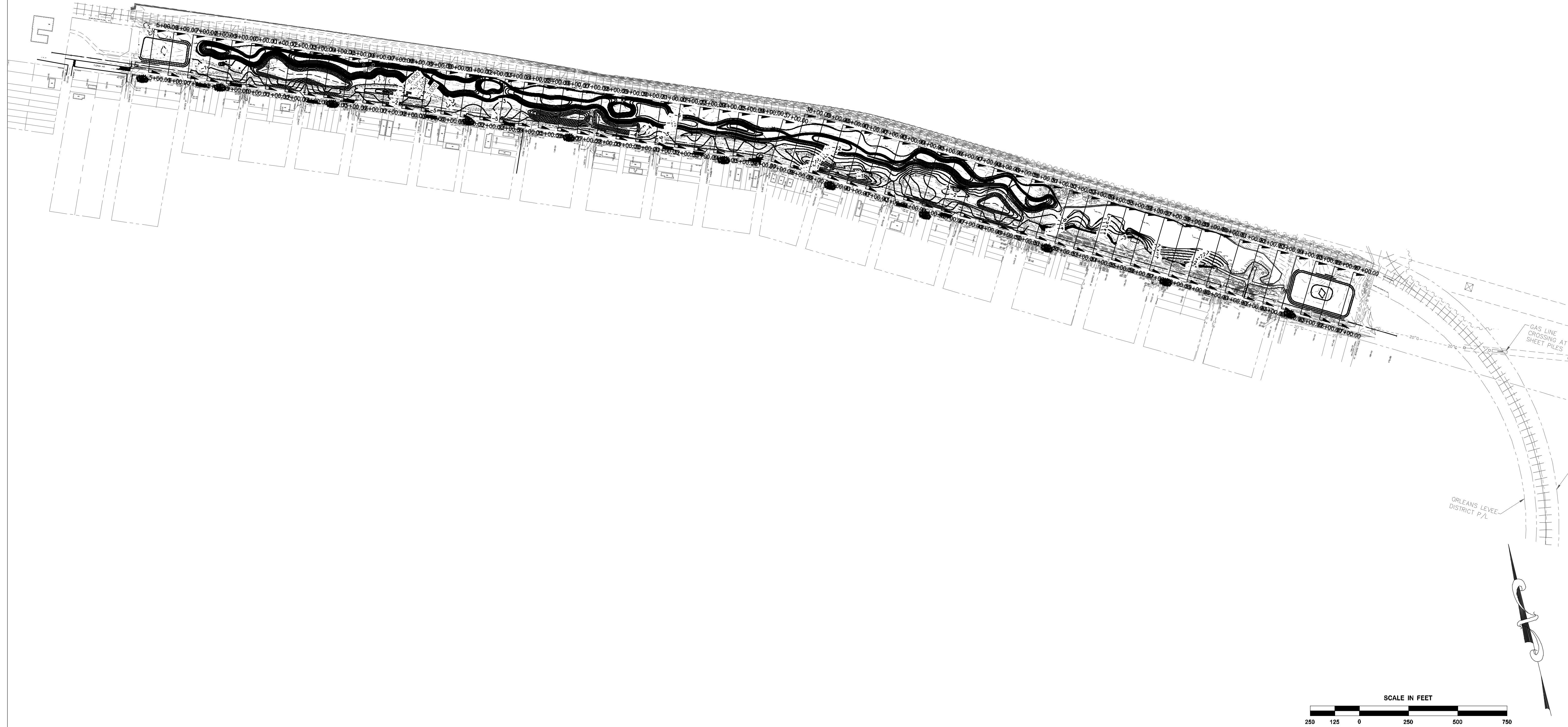


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ISSUE	DATE	DESCRIPTION

REVISION	DESCRIPTION

SEAL / REGISTRATION

12-30-2021

DRAWN BY:	JH
CHECKED BY:	SMT
APPROVED BY:	SMT
DATE:	12-30-2021
PROJECT NO.:	21-965
SHEET DESCRIPTION & NO.	

OVERALL GRADING PLAN

C-1



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CONSULTANTS:

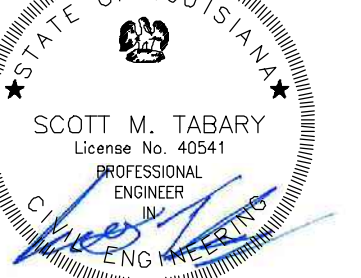
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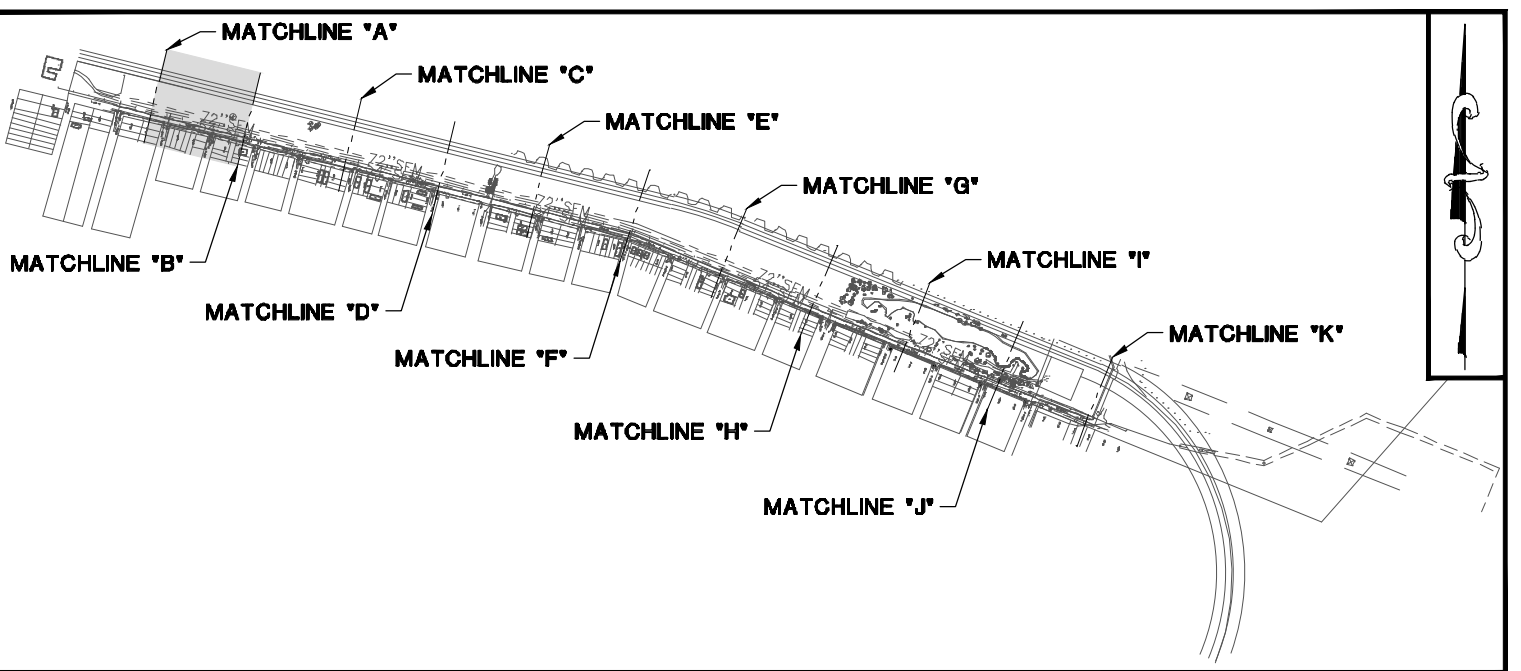


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SHEET DESCRIPTION & NO.	

GRADING PLAN

C-1.2



KEY MAP

LEGEND - EXISTING

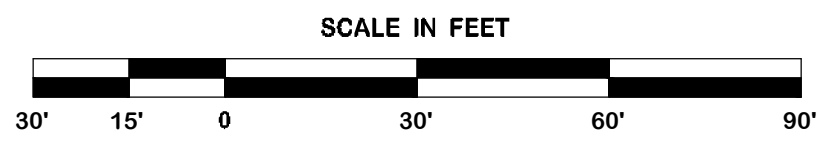
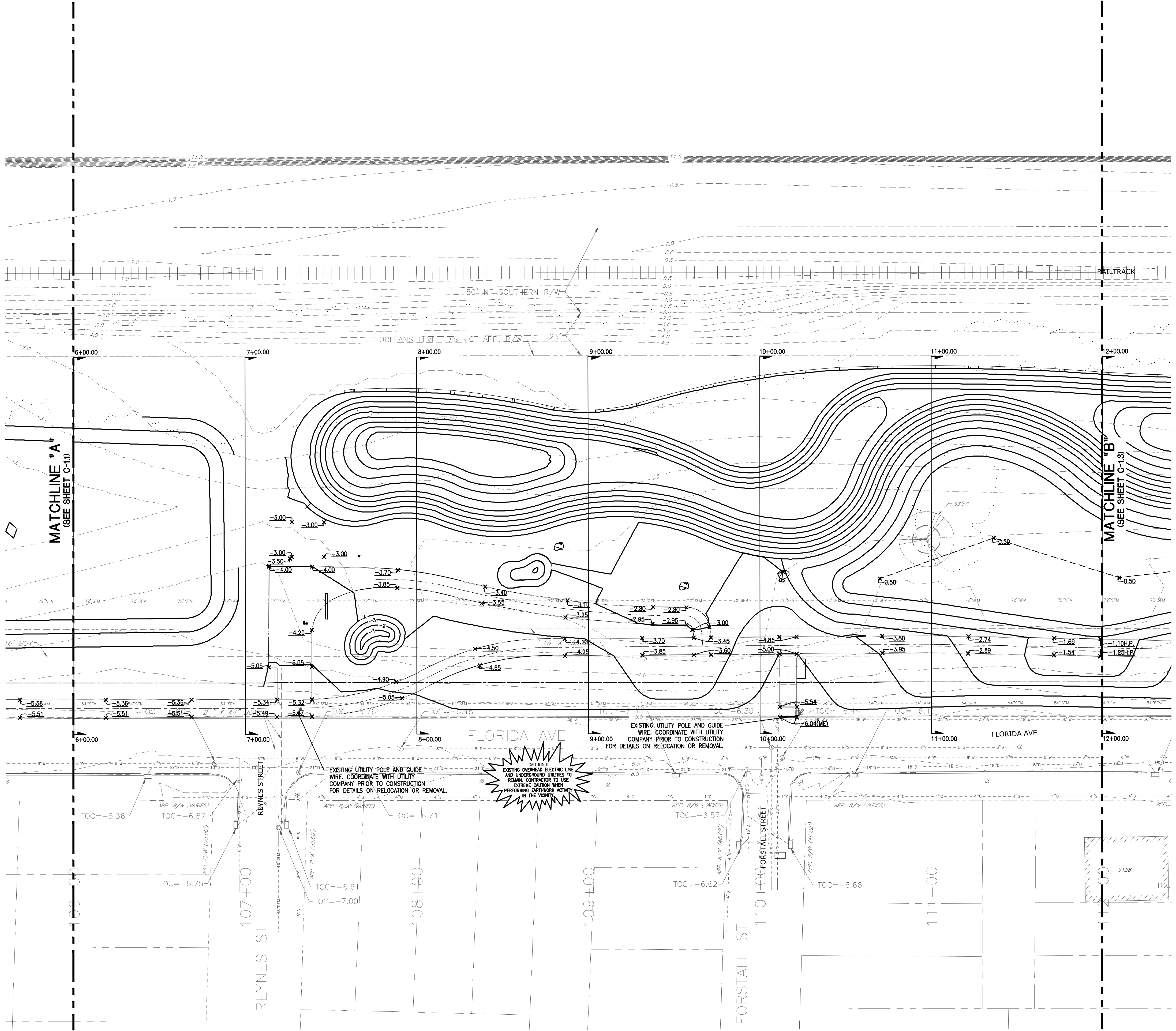
- C --- UNDERGROUND CABLE TV LINE
- SIZE D --- DRAIN LINE
- E --- UNDERGROUND ELECTRIC LINE
- FO --- UNDERGROUND FIBER OPTIC LINE
- SIZE G --- GAS MAIN
- SIZE S --- SEWER MAIN
- T --- UNDERGROUND TELEPHONE LINE
- SIZE W --- WATER LINE
- OHE --- OVERHEAD ELECTRIC LINE

- MOUNTABLE CATCH BASIN
- DROP INLET
- VERTICAL CATCH BASIN
- DRAIN MANHOLE
- ELECTRIC MANHOLE
- SEWER MANHOLE
- WATER MANHOLE
- WM WATER METER
- WV WATER VALVE
- GV GAS VALVE
- CABLE PEDESTAL
- TELEPHONE PEDESTAL
- POWER POLE
- LIGHT POLE
- MAIL BOX
- FIRE HYDRANT
- SIGN

LEGEND - NEW IMPROVEMENTS

- 12 --- CONTOUR
- 0.5 --- SWALE
- × 12.00 SPOT ELEVATION
- × 12.00 I.P. SPOT ELEVATION (TOP OF PAVEMENT)
- × 12.00 I.C. SPOT ELEVATION (TOP OF CONCRETE)
- × 12.00 M.E. SPOT ELEVATION (MATCH EXISTING)
- S- SLOPE

NOTE:
REFERENCE LANDSCAPE ARCHITECTS PLANS FOR NATURE TRAIL TYPICAL SECTION AND ALL PLANTING PLANS AND DETAILS





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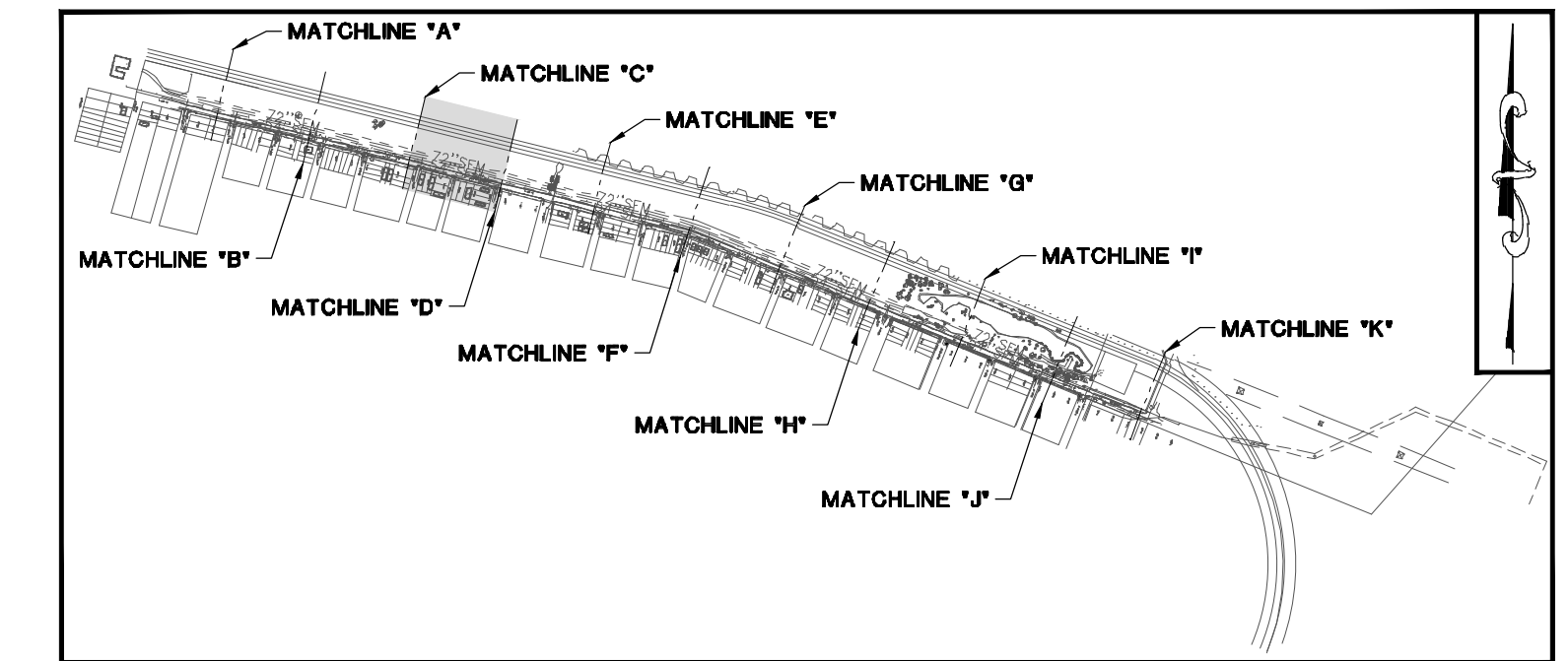
SEAL / REGISTRATION



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GRADING PLAN

C-1.4



KEY MAP

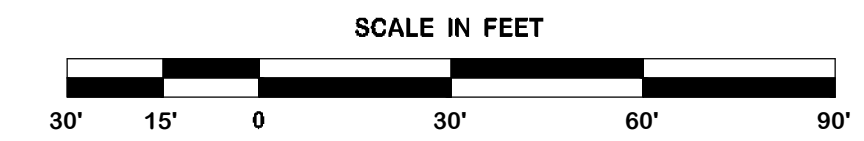
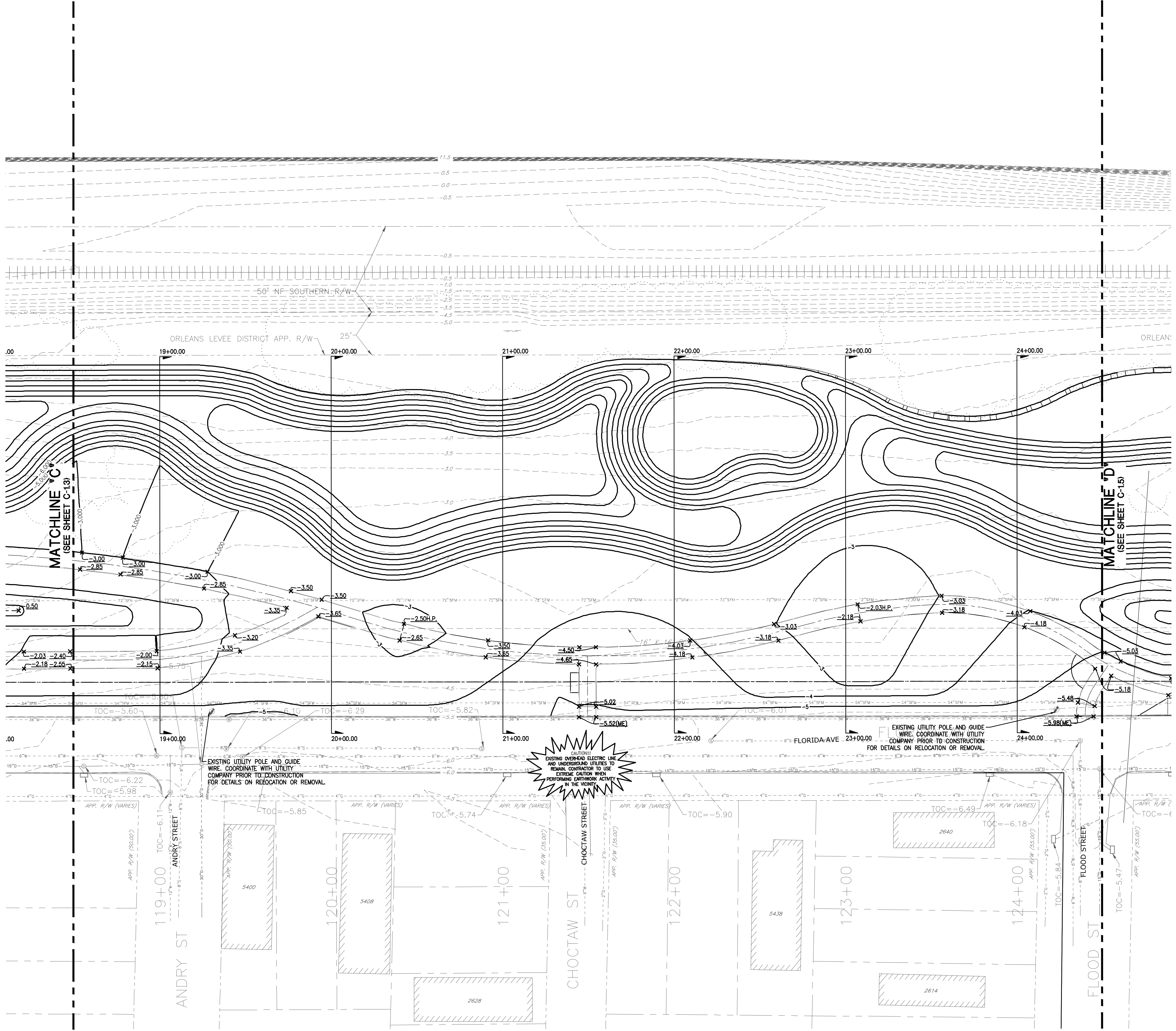
LEGEND - EXISTING

- C --- UNDERGROUND CABLE TV LINE
- SIZE D --- DRAIN LINE
- E --- UNDERGROUND ELECTRIC LINE
- FO --- UNDERGROUND FIBER OPTIC LINE
- SIZE G --- GAS MAIN
- SIZE S --- SEWER MAIN
- T --- UNDERGROUND TELEPHONE LINE
- SIZE W --- WATER LINE
- OHE --- OVERHEAD ELECTRIC LINE
- [Symbol] --- MOUNTABLE CATCH BASIN
- [Symbol] --- DROP INLET
- [Symbol] --- VERTICAL CATCH BASIN
- [Symbol] --- DRAIN MANHOLE
- [Symbol] --- ELECTRIC MANHOLE
- [Symbol] --- SEWER MANHOLE
- [Symbol] --- WATER MANHOLE
- [Symbol] --- WATER METER
- [Symbol] --- WATER VALVE
- [Symbol] --- GAS VALVE
- [Symbol] --- CABLE PEDESTAL
- [Symbol] --- TELEPHONE PEDESTAL
- [Symbol] --- POWER POLE
- [Symbol] --- LIGHT POLE
- [Symbol] --- MAIL BOX
- [Symbol] --- FIRE HYDRANT
- [Symbol] --- SIGN

LEGEND - NEW IMPROVEMENTS

- CONTOUR --- 12 ---
- SWALE --- [Symbol] ---
- SPOT ELEVATION --- [Symbol] --- x 12.00
- SPOT ELEVATION (TOP OF PAVEMENT) --- [Symbol] --- x 12.00 I.P.
- SPOT ELEVATION (TOP OF CONCRETE) --- [Symbol] --- x 12.00 I.C.
- SPOT ELEVATION (MATCH EXISTING) --- [Symbol] --- x 12.00 M.E.
- SLOPE --- [Symbol] --- -S-

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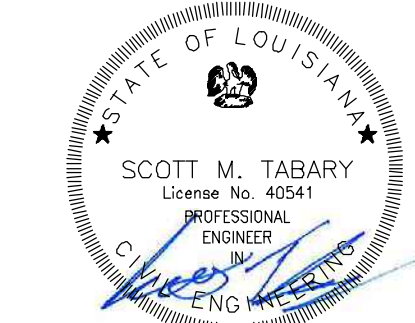
ISSUE DATE DESCRIPTION

Table with 3 columns: ISSUE, DATE, DESCRIPTION. Multiple rows for revisions.

REVISION DESCRIPTION

Table with 2 columns: REVISION, DESCRIPTION. Multiple rows for revisions.

SEAL / REGISTRATION

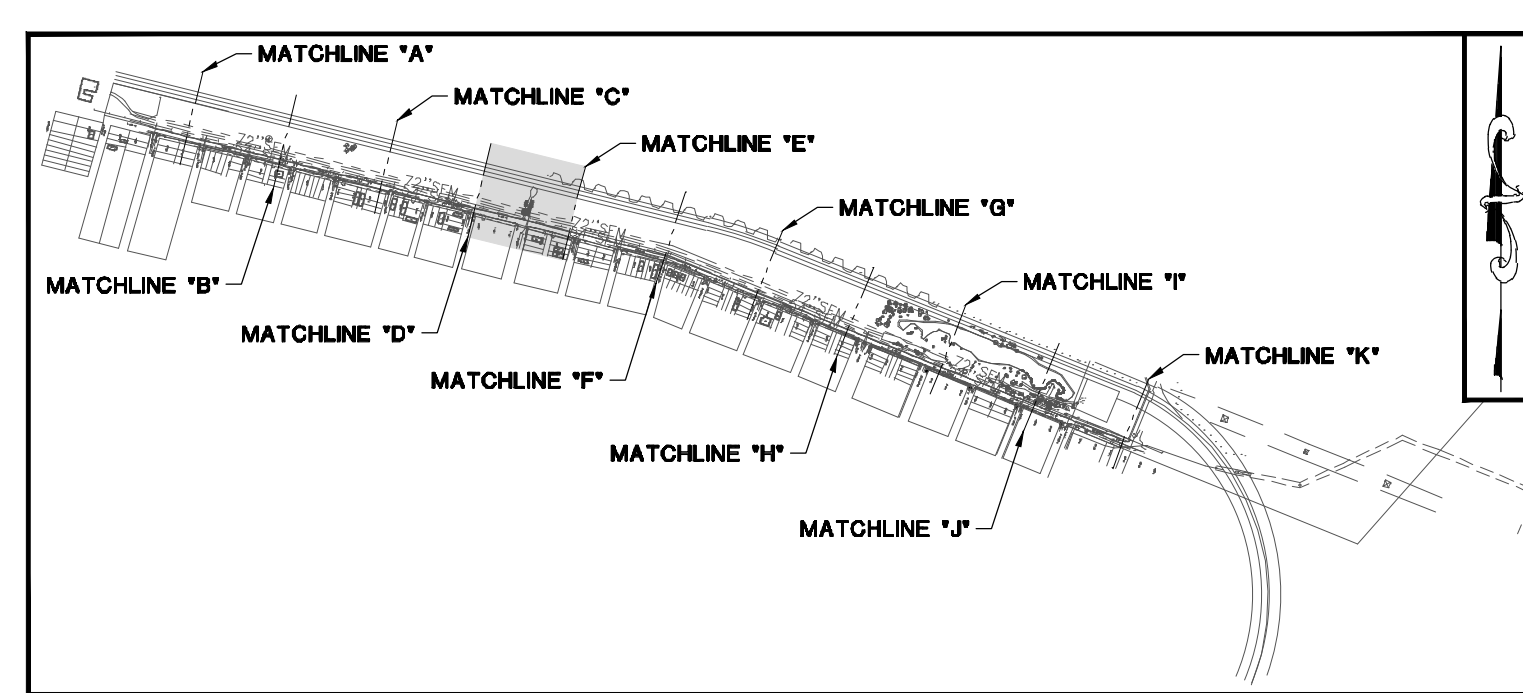


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SHEET DESCRIPTION & NO.

GRADING PLAN

C-15



KEY MAP

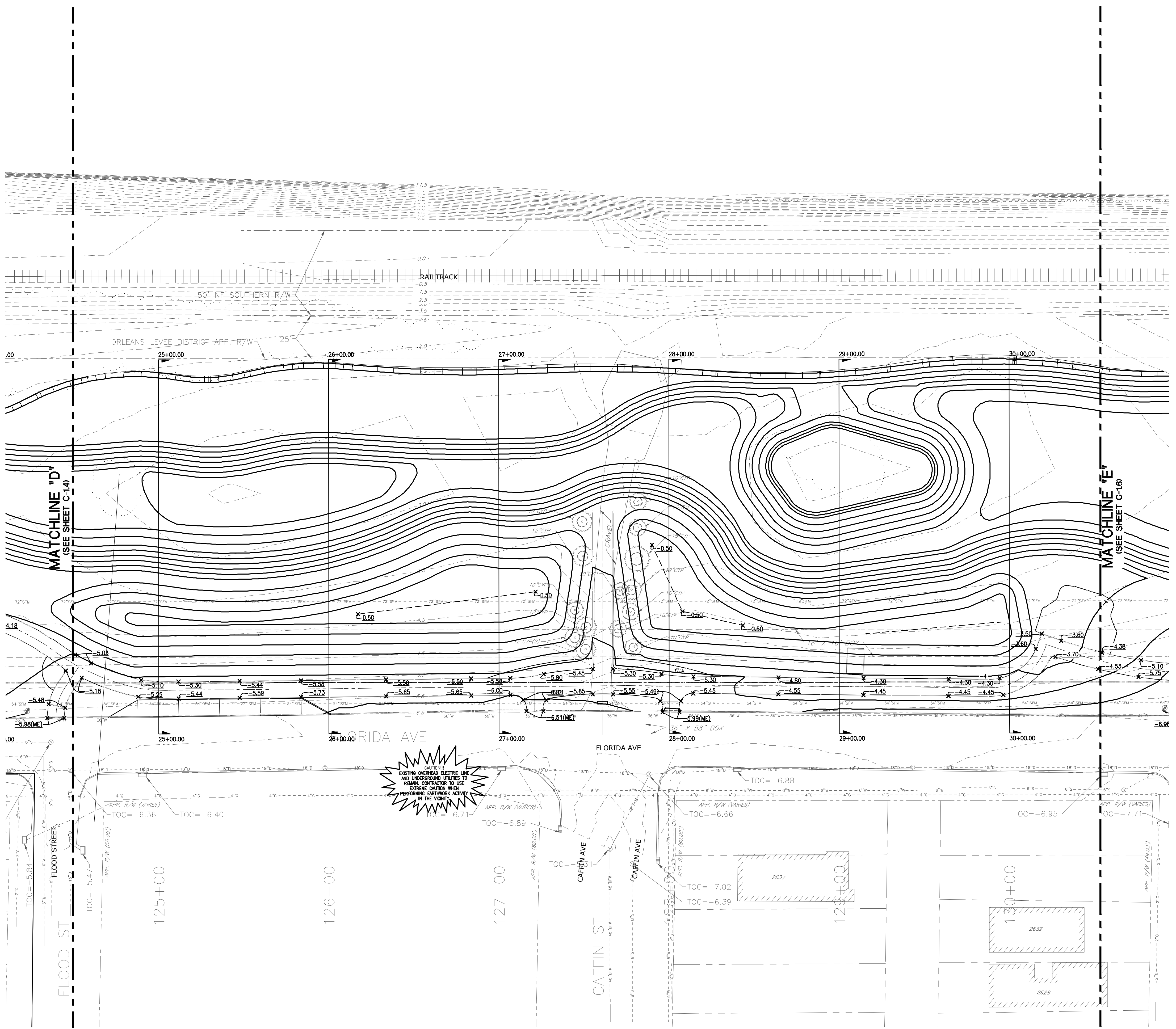
LEGEND - EXISTING

Legend table listing existing utilities and structures: C (Underground Cable TV Line), SIZE D (Drain Line), E (Underground Electric Line), FO (Underground Fiber Optic Line), SIZE G (Gas Main), SIZE S (Sewer Main), T (Underground Telephone Line), SIZE W (Water Line), OHE (Overhead Electric Line), MOUNTABLE CATCH BASIN, DROP INLET, VERTICAL CATCH BASIN, DRAIN MANHOLE, ELECTRIC MANHOLE, SEWER MANHOLE, WATER MANHOLE, WATER METER, WATER VALVE, GAS VALVE, CABLE PEDESTAL, TELEPHONE PEDESTAL, POWER POLE, LIGHT POLE, MAIL BOX, FIRE HYDRANT, SIGN.

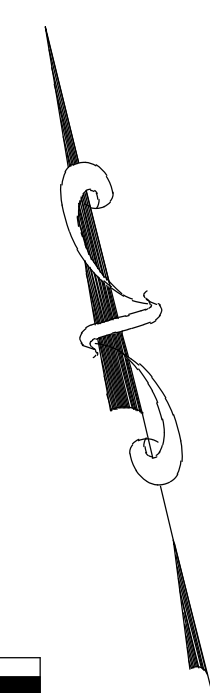
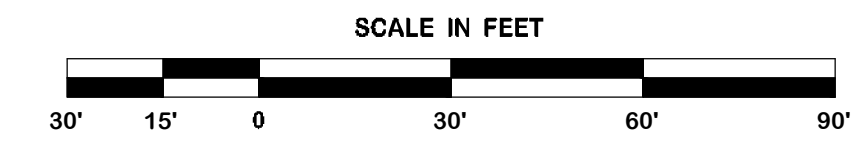
LEGEND - NEW IMPROVEMENTS

Legend table listing new improvements: CONTOUR (12' contour), SWALE, SPOT ELEVATION (12.00), SPOT ELEVATION (TOP OF PAVEMENT) (12.00 I.P.), SPOT ELEVATION (TOP OF CONCRETE) (12.00 I.C.), SPOT ELEVATION (MATCH EXISTING) (12.00 M.E.), SLOPE (S).

NOTE: REFERENCE LANDSCAPE ARCHITECTS PLANS FOR NATURE TRAIL TYPICAL SECTION AND ALL PLANTING PLANS AND DETAILS



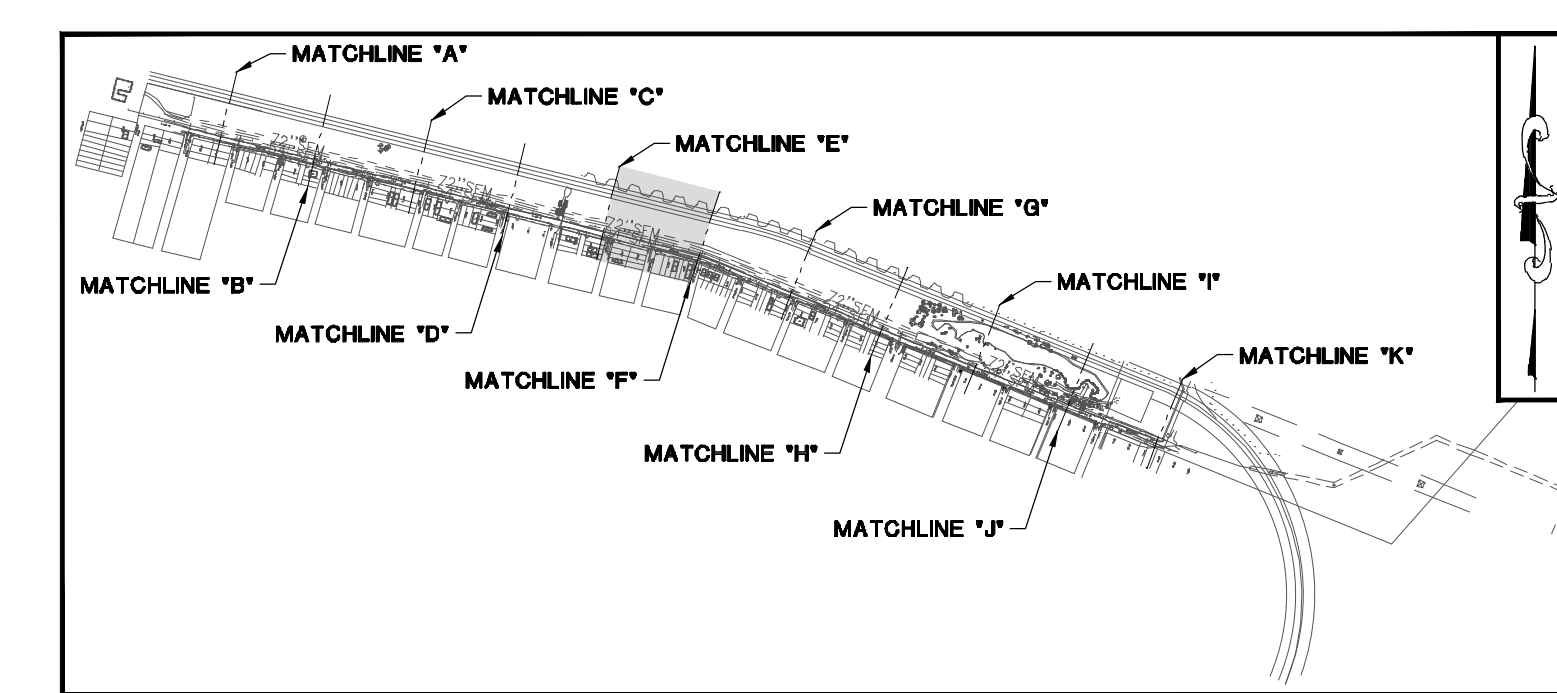
CAUTION!!! EXISTING OVERHEAD ELECTRIC LINE AND UNDERGROUND UTILITIES TO REMAIN. CONTRACTOR TO USE EXTREME CAUTION WHEN PERFORMING EARTHWORK ACTIVITY IN THE VICINITY.





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SANKOFA NATURE TRAILS AND WETLAND PRESERVE



KEY MAP

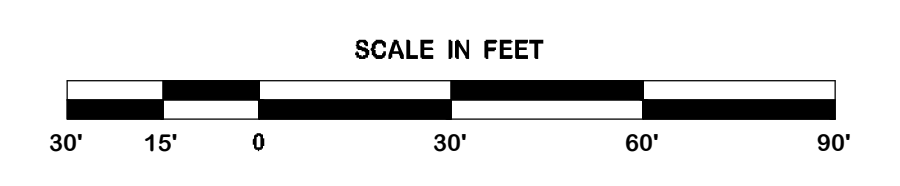
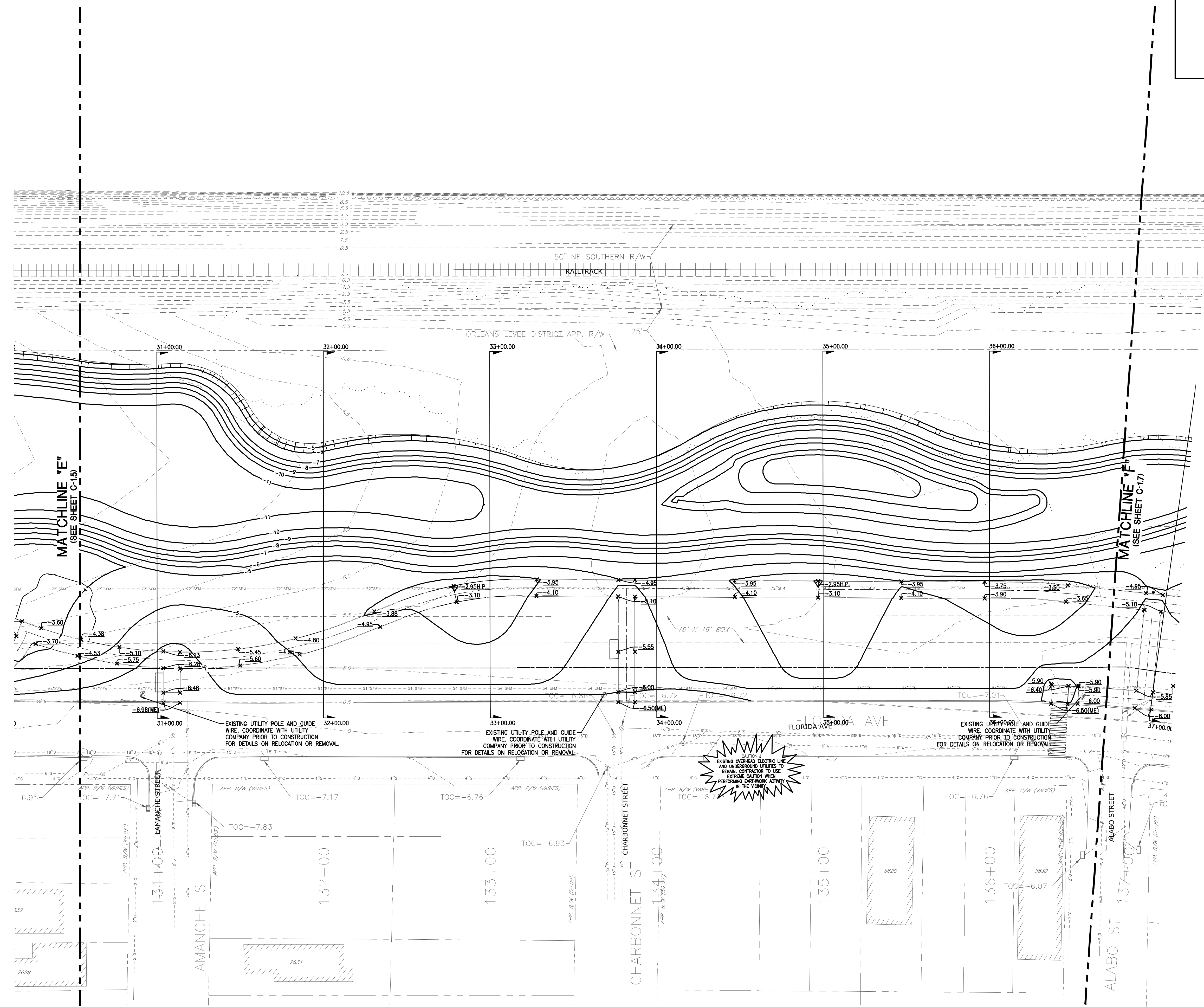
LEGEND - EXISTING

----- C -----	UNDERGROUND CABLE TV LINE
----- SIZE D -----	DRAIN LINE
----- E -----	UNDERGROUND ELECTRIC LINE
----- FO -----	UNDERGROUND FIBER OPTIC LINE
----- SIZE G -----	GAS MAIN
----- SIZE S -----	SEWER MAIN
----- T -----	UNDERGROUND TELEPHONE LINE
----- SIZE W -----	WATER LINE
----- OHE -----	OVERHEAD ELECTRIC LINE
[Symbol]	MOUNTABLE CATCH BASIN
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[Symbol]	POWER POLE
[Symbol]	LIGHT POLE
[Symbol]	MAIL BOX
[Symbol]	FIRE HYDRANT
[Symbol]	SIGN

LEGEND - NEW IMPROVEMENTS

CONTOUR	----- 12 -----
SWALE	----->-----
SPOT ELEVATION	x 12.00
SPOT ELEVATION (TOP OF PAVEMENT)	x 12.00 I.P.
SPOT ELEVATION (TOP OF CONCRETE)	x 12.00 I.C.
SPOT ELEVATION (MATCH EXISTING)	x 12.00 M.E.
SLOPE	----- S -----

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GRADING PLAN



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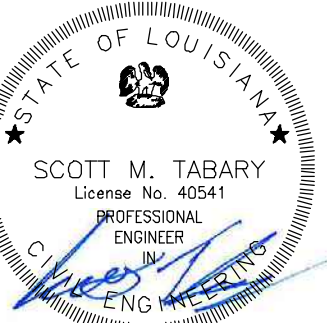
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ISSUE	DATE	DESCRIPTION

REVISION	DESCRIPTION

SEAL / REGISTRATION

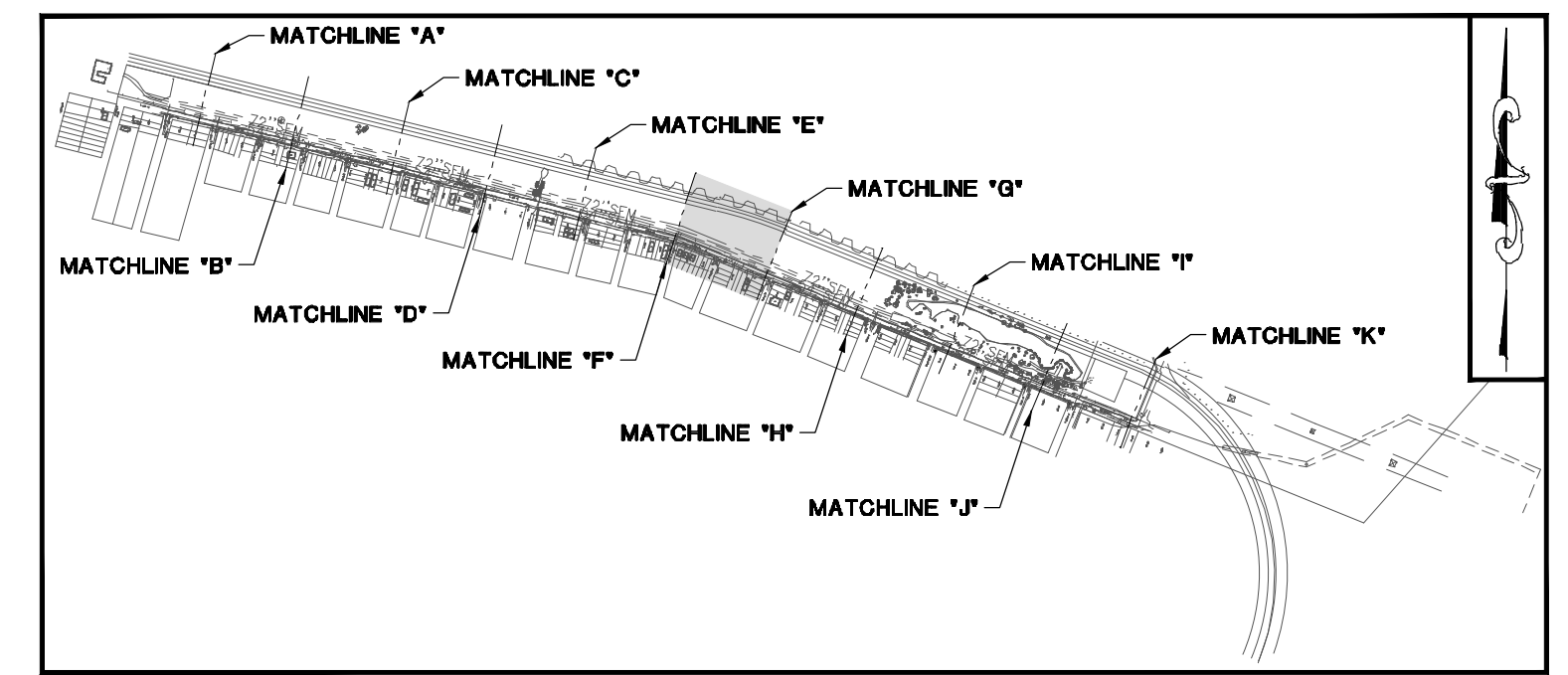


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GRADING PLAN

C-17



KEY MAP

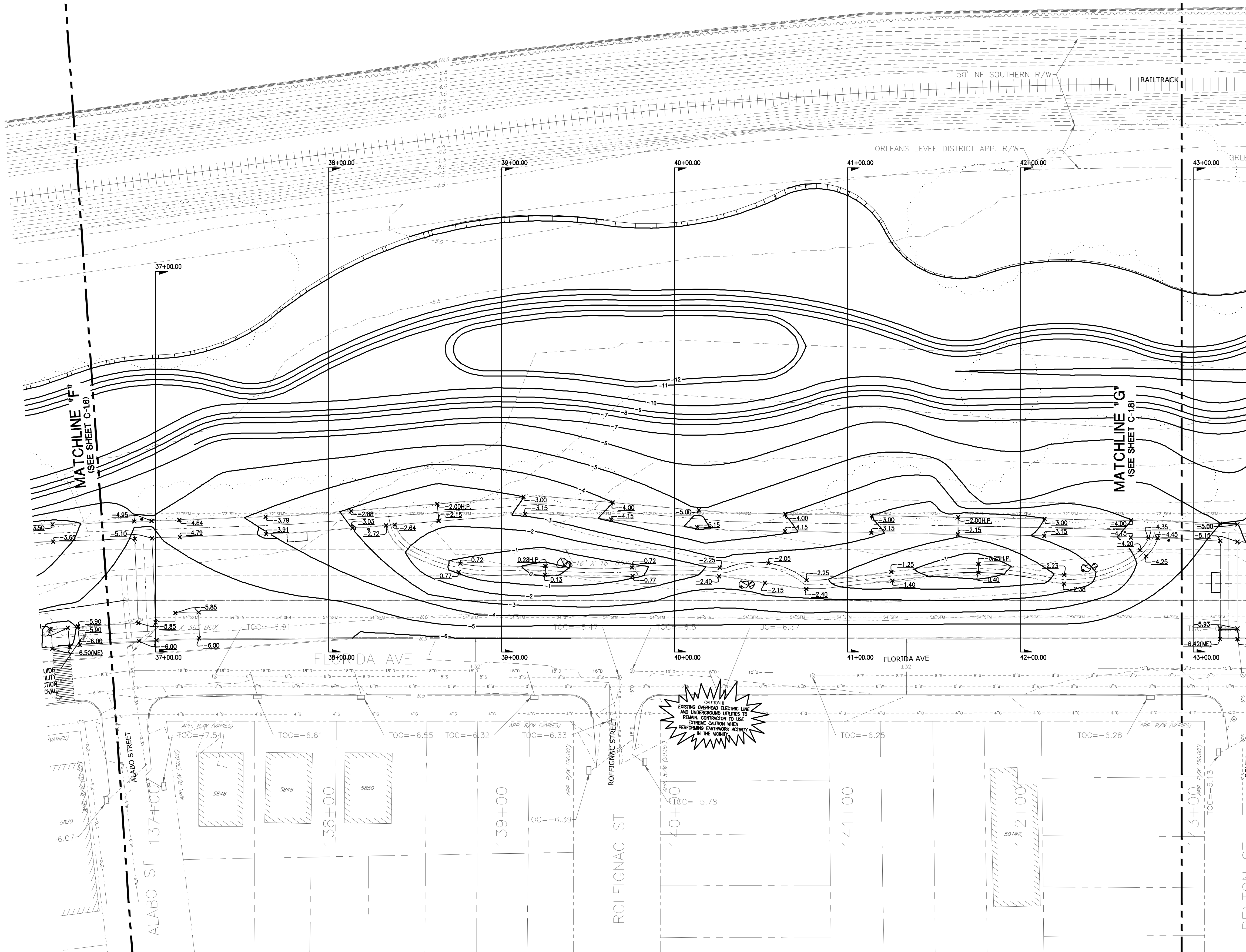
LEGEND - EXISTING

C	UNDERGROUND CABLE TV LINE
SIZE D	DRAIN LINE
E	UNDERGROUND ELECTRIC LINE
FO	UNDERGROUND FIBER OPTIC LINE
SIZE G	GAS MAIN
SIZE S	SEWER MAIN
T	UNDERGROUND TELEPHONE LINE
SIZE W	WATER LINE
OHE	OVERHEAD ELECTRIC LINE
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[Symbol]	WATER MANHOLE
[Symbol]	WATER METER
[Symbol]	WATER VALVE
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[Symbol]	CABLE PEDESTAL
[Symbol]	TELEPHONE PEDESTAL
[Symbol]	POWER POLE
[Symbol]	LIGHT POLE
[Symbol]	MAIL BOX
[Symbol]	FIRE HYDRANT
[Symbol]	SIGN

LEGEND - NEW IMPROVEMENTS

CONTOUR	12
SWALE	→
SPOT ELEVATION	x 12.00
SPOT ELEVATION (TOP OF PAVEMENT)	x 12.00 I.P.
SPOT ELEVATION (TOP OF CONCRETE)	x 12.00 I.C.
SPOT ELEVATION (MATCH EXISTING)	x 12.00 M.E.
SLOPE	-S-

NOTE:
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SCALE IN FEET





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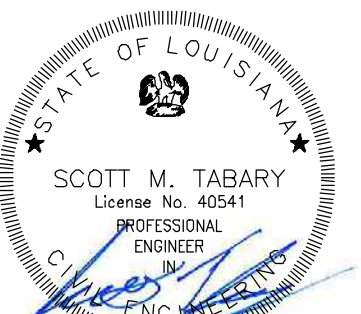
ISSUE DATE DESCRIPTION

ISSUE	DATE	DESCRIPTION

REVISION DESCRIPTION

REVISION	DESCRIPTION

SEAL / REGISTRATION

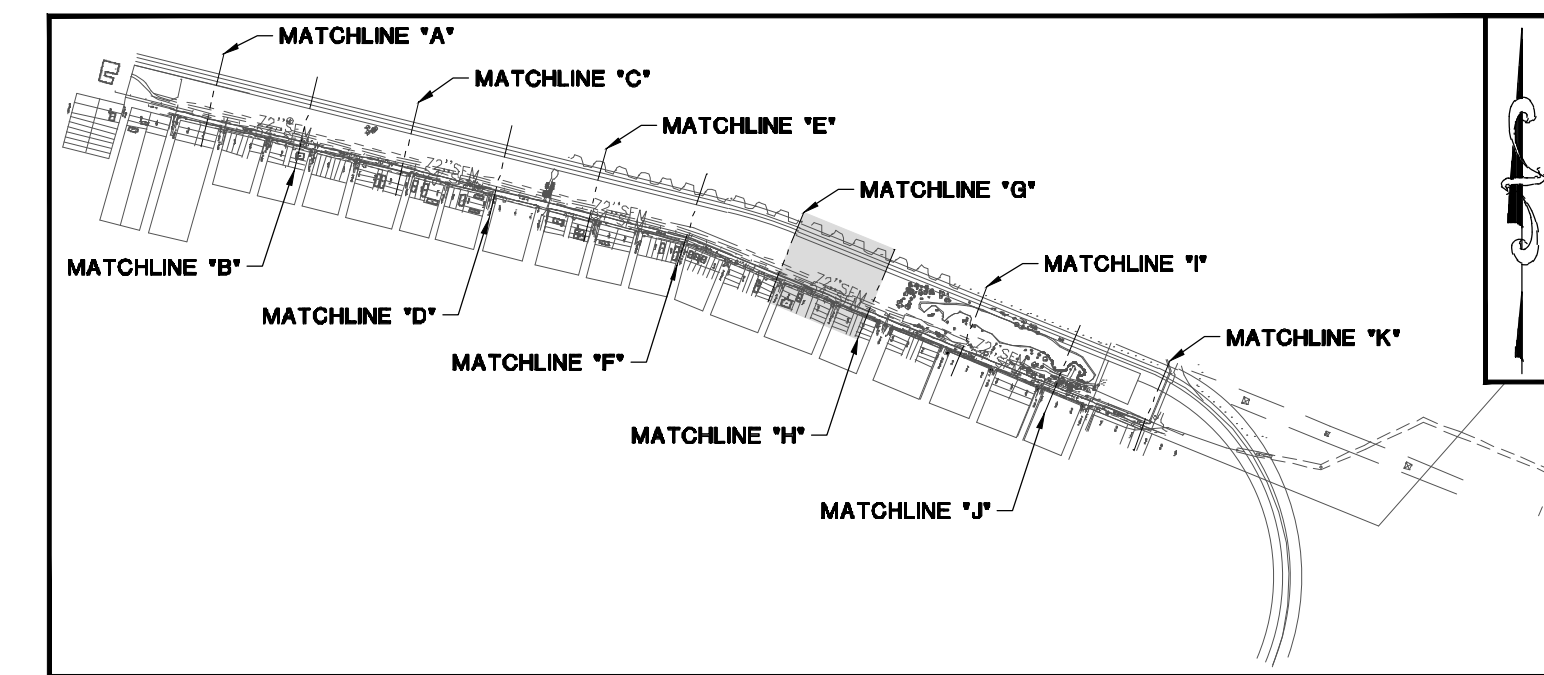


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GRADING PLAN

C-1.8



KEY MAP

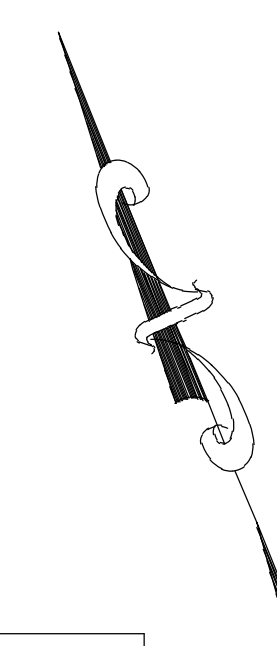
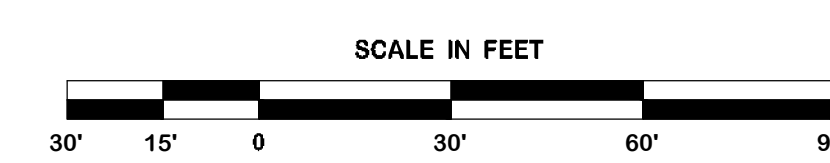
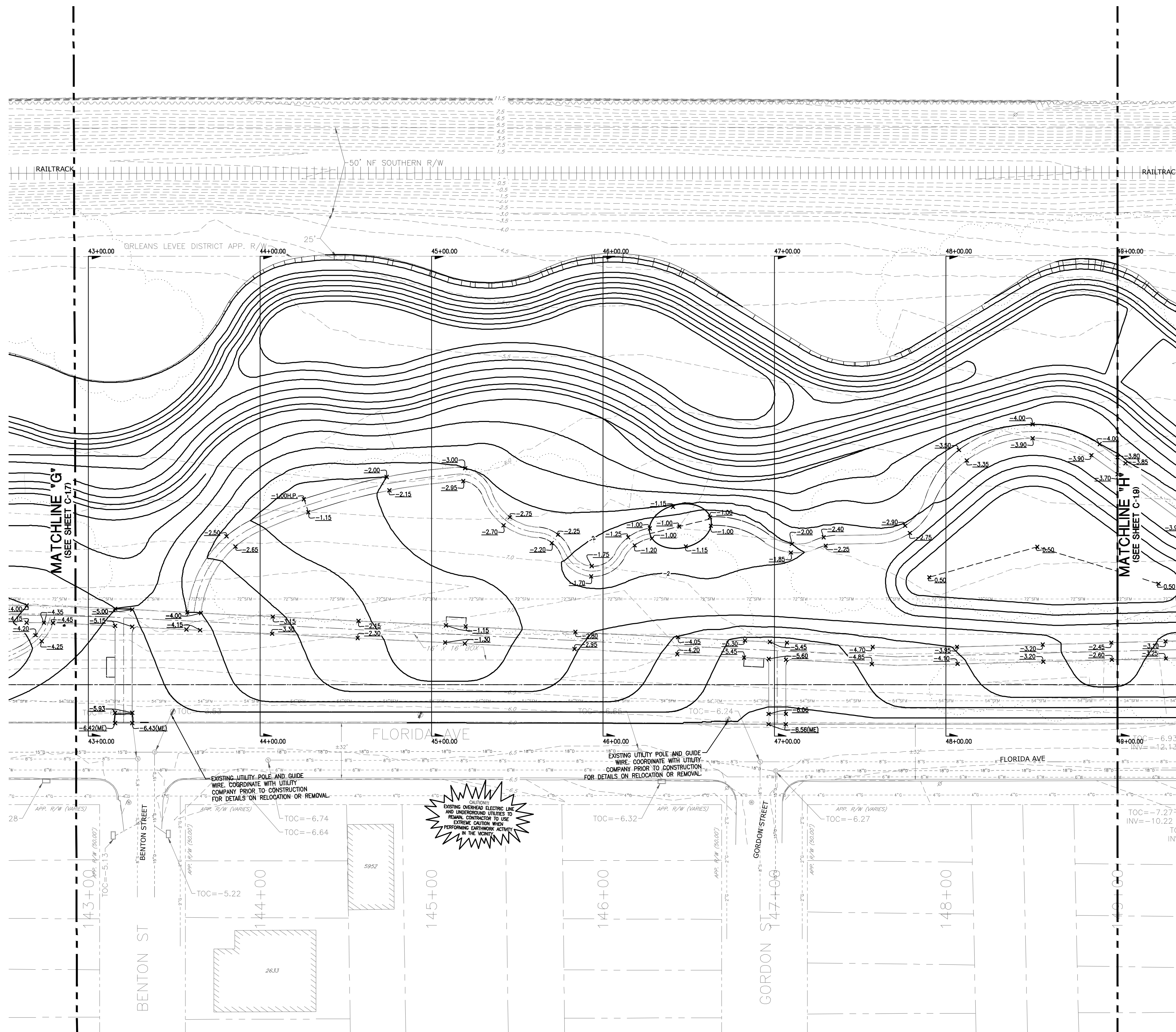
LEGEND - EXISTING

---	C	UNDERGROUND CABLE TV LINE
---	SIZE D	DRAIN LINE
---	E	UNDERGROUND ELECTRIC LINE
---	FO	UNDERGROUND FIBER OPTIC LINE
---	SIZE G	GAS MAIN
---	SIZE S	SEWER MAIN
---	T	UNDERGROUND TELEPHONE LINE
---	SIZE W	WATER LINE
---	OHE	OVERHEAD ELECTRIC LINE
[Symbol]		MOUNTABLE CATCH BASIN
[Symbol]		DROP INLET
[Symbol]		VERTICAL CATCH BASIN
[Symbol]		DRAIN MANHOLE
[Symbol]		ELECTRIC MANHOLE
[Symbol]		SEWER MANHOLE
[Symbol]		WATER MANHOLE
[Symbol]		WATER METER
[Symbol]		WATER VALVE
[Symbol]		GAS VALVE
[Symbol]		CABLE PEDESTAL
[Symbol]		TELEPHONE PEDESTAL
[Symbol]		POWER POLE
[Symbol]		LIGHT POLE
[Symbol]		MAIL BOX
[Symbol]		FIRE HYDRANT
[Symbol]		SIGN

LEGEND - NEW IMPROVEMENTS

---	12	CONTOUR
---	→	SWALE
x	12.00	SPOT ELEVATION
x	12.00 I.P.	SPOT ELEVATION (TOP OF PAVEMENT)
x	12.00 I.C.	SPOT ELEVATION (TOP OF CONCRETE)
x	12.00 M.E.	SPOT ELEVATION (MATCH EXISTING)
-S-		SLOPE

NOTE:
REFERENCE LANDSCAPE ARCHITECTS
PLANS FOR NATURE TRAIL TYPICAL
SECTION AND ALL PLANTING PLANS
AND DETAILS

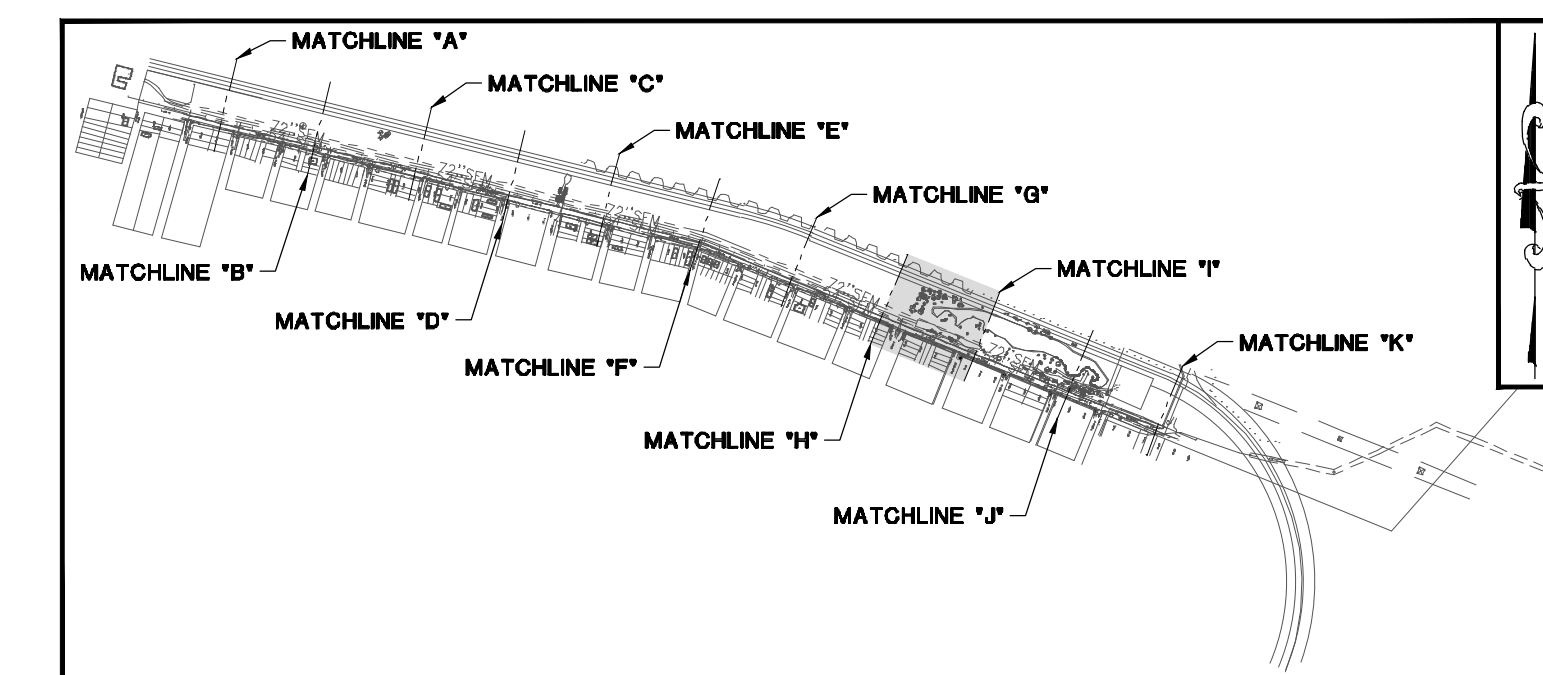




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SANKOFA NATURE TRAILS AND WETLAND PRESERVE



KEY MAP

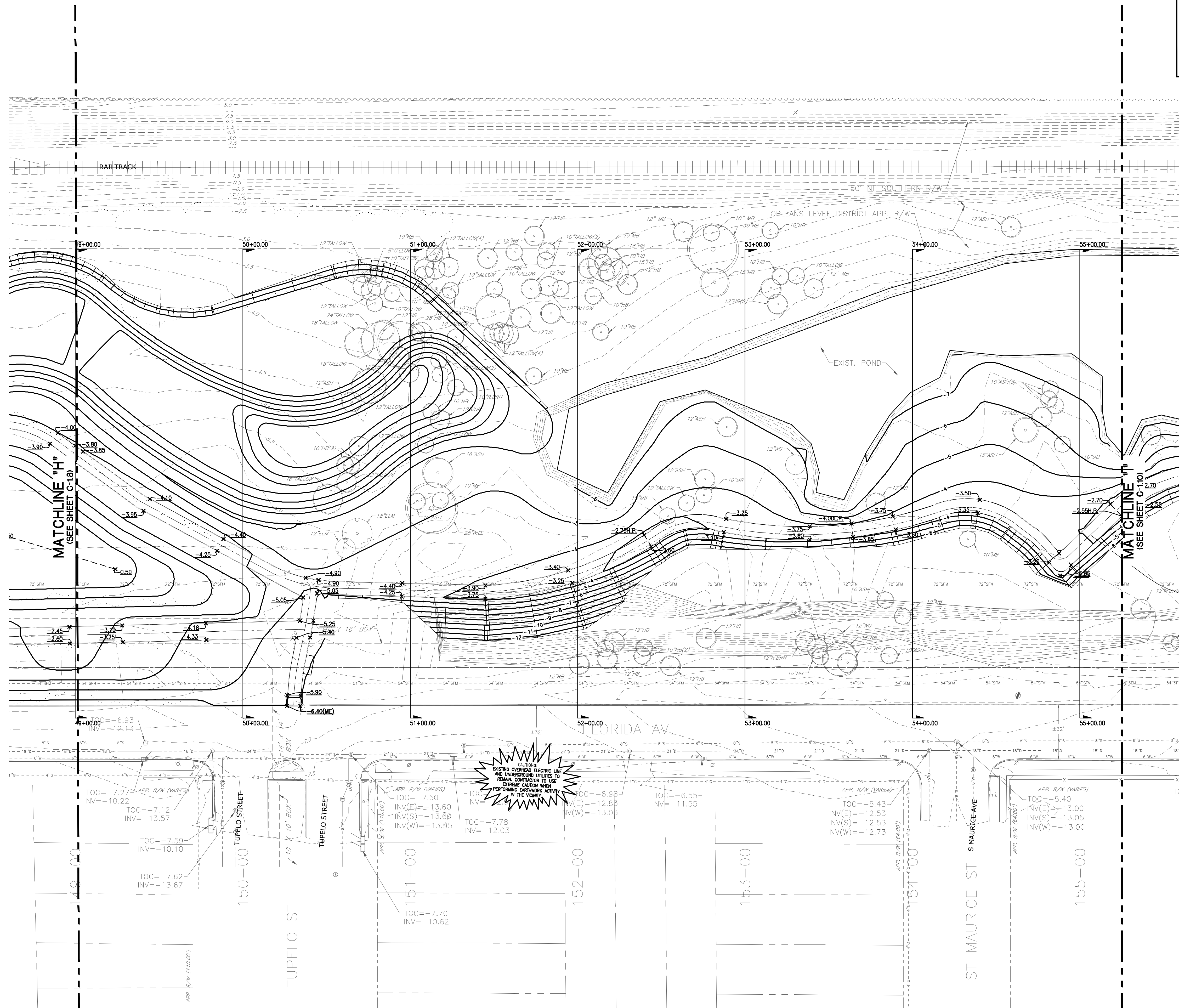
LEGEND - EXISTING

---C---	UNDERGROUND CABLE TV LINE
---	DRAIN LINE
-E-----	UNDERGROUND ELECTRIC LINE
-FO-----	UNDERGROUND FIBER OPTIC LINE
---	GAS MAIN
---	SEWER MAIN
-T-----	UNDERGROUND TELEPHONE LINE
---	WATER LINE
---OHE---	OVERHEAD ELECTRIC LINE
	MOUNTABLE CATCH BASIN
	DROP INLET
□	VERTICAL CATCH BASIN
○	DRAIN MANHOLE
○	ELECTRIC MANHOLE
○	SEWER MANHOLE
○	WATER MANHOLE
WM	WATER METER
WV	WATER VALVE
GV	GAS VALVE
PC	CABLE PEDESTAL
FP	TELEPHONE PEDESTAL
PP	POWER POLE
LP	LIGHT POLE
MB	MAIL BOX
○	FIRE HYDRANT
○	SIGN

LEGEND - NEW IMPROVEMENTS

CONTOUR	12
SWALE	→
SPOT ELEVATION	× 12.00
SPOT ELEVATION (TOP OF PAVEMENT)	× 12.00 I.P.
SPOT ELEVATION (TOP OF CONCRETE)	× 12.00 I.C.
SPOT ELEVATION (MATCH EXISTING)	× 12.00 M.E.
SLOPE	-S-

NOTE:
REFERENCE LANDSCAPE ARCHITECTS
PLANS FOR NATURE TRAIL TYPICAL
SECTION AND ALL PLANTING PLANS
AND DETAILS



CONSULTANTS:

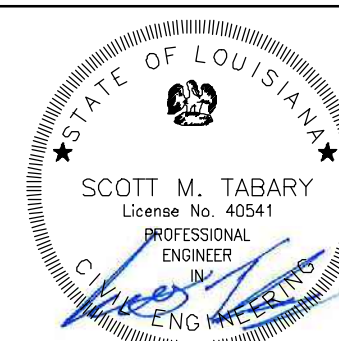
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ISSUE	DATE	DESCRIPTION

REVISION	DESCRIPTION

SEAL / REGISTRATION

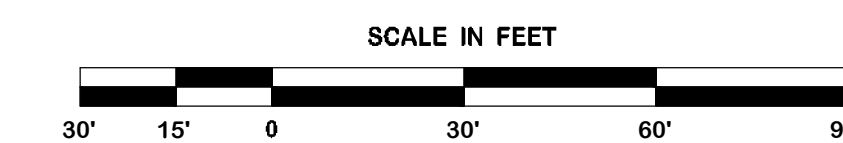


12-30-2021

DRAWN BY:	JH
CHECKED BY:	SMT
APPROVED BY:	SMT
DATE:	12-30-2021
PROJECT NO.:	21-965
SHEET DESCRIPTION & NO.:	

GRADING PLAN

C-19





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ISSUE DATE DESCRIPTION

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DRAWN BY: JH

CHECKED BY: SMT

APPROVED BY: SMT

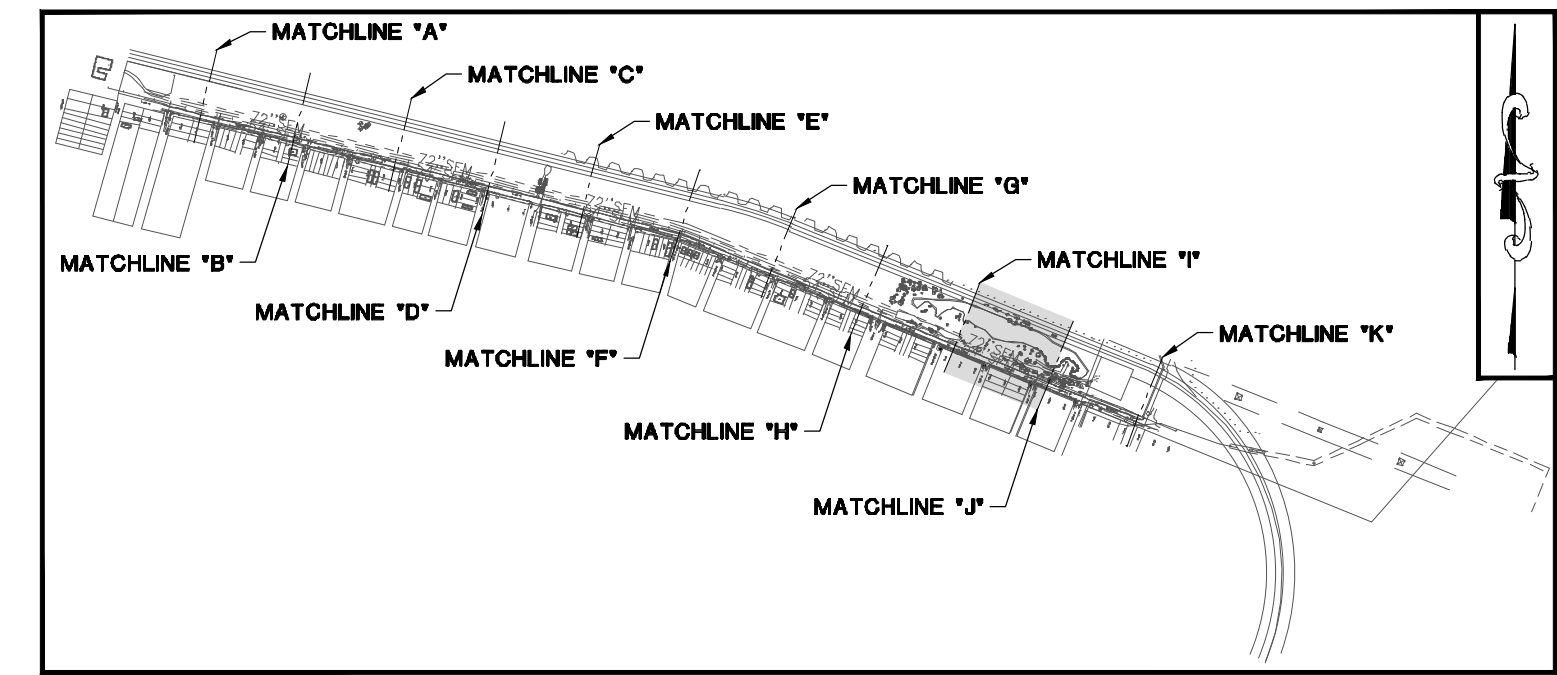
DATE: 12-30-2021

PROJECT NO.: 21-945

SHEET DESCRIPTION & NO.

GRADING PLAN

C-1.10



KEY MAP

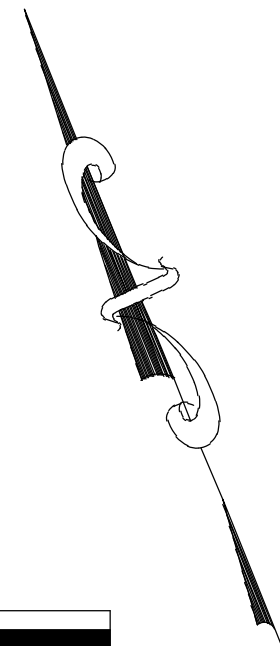
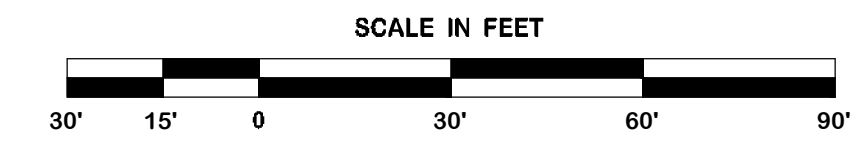
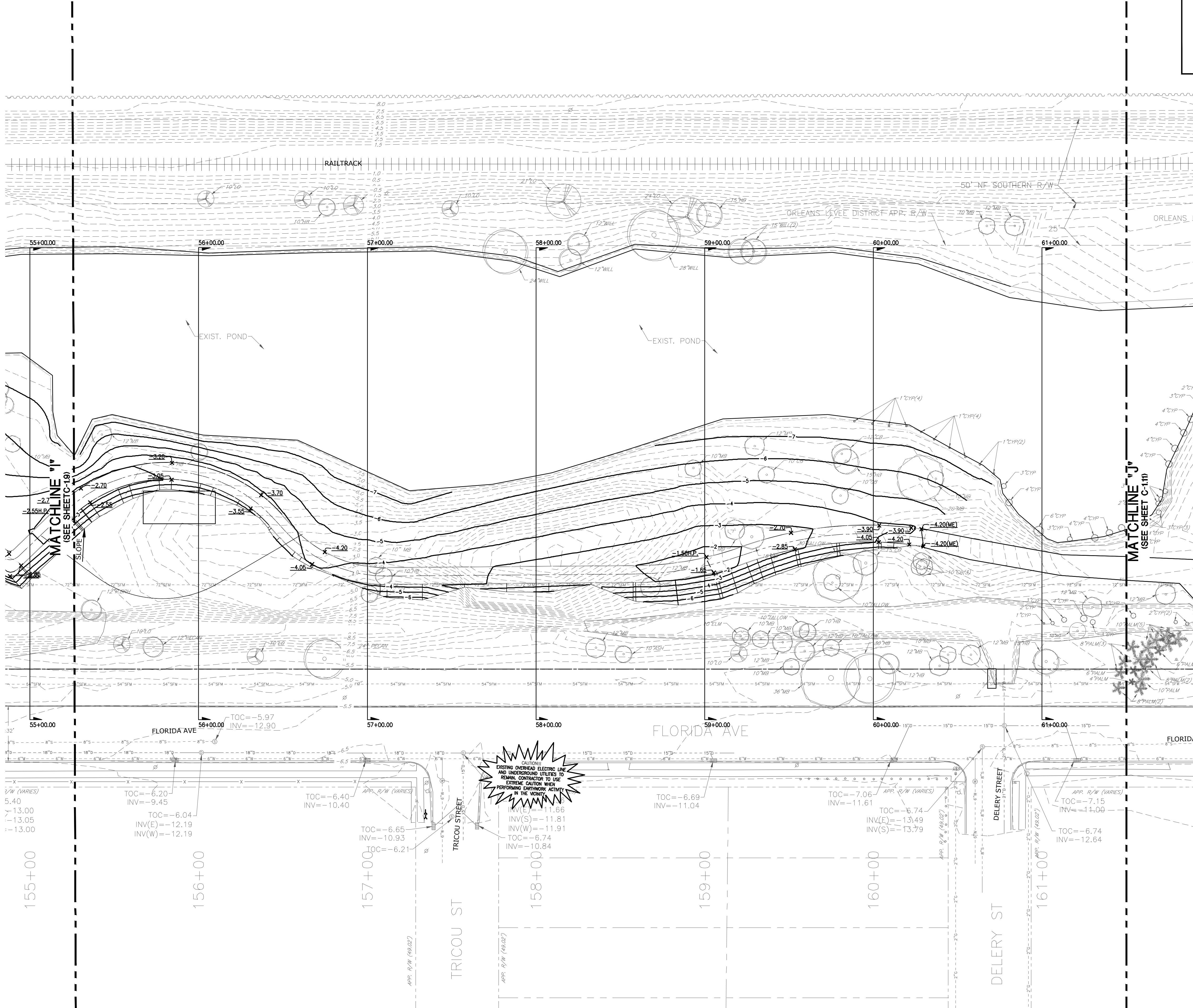
LEGEND - EXISTING

---	C	UNDERGROUND CABLE TV LINE
---	SIZE D	DRAIN LINE
---	E	UNDERGROUND ELECTRIC LINE
---	FO	UNDERGROUND FIBER OPTIC LINE
---	SIZE G	GAS MAIN
---	SIZE S	SEWER MAIN
---	T	UNDERGROUND TELEPHONE LINE
---	SIZE W	WATER LINE
---	OHE	OVERHEAD ELECTRIC LINE
		MOUNTABLE CATCH BASIN
		DROP INLET
		VERTICAL CATCH BASIN
		DRAIN MANHOLE
		ELECTRIC MANHOLE
		SEWER MANHOLE
		WATER MANHOLE
		WATER METER
		WATER VALVE
		GAS VALVE
		CABLE PEDESTAL
		TELEPHONE PEDESTAL
		POWER POLE
		LIGHT POLE
		MAIL BOX
		FIRE HYDRANT
		SIGN

LEGEND - NEW IMPROVEMENTS

	12	CONTOUR
		SWALE
	x 12.00	SPOT ELEVATION
	x 12.00 I.P.	SPOT ELEVATION (TOP OF PAVEMENT)
	x 12.00 I.C.	SPOT ELEVATION (TOP OF CONCRETE)
	x 12.00 M.E.	SPOT ELEVATION (MATCH EXISTING)
	-S-	SLOPE

NOTE:
REFERENCE LANDSCAPE ARCHITECTS
PLANS FOR NATURE TRAIL TYPICAL
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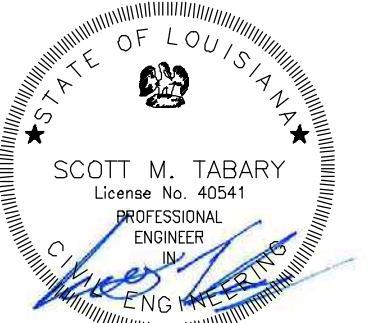
ISSUE DATE DESCRIPTION

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REVISION DESCRIPTION

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SEAL / REGISTRATION

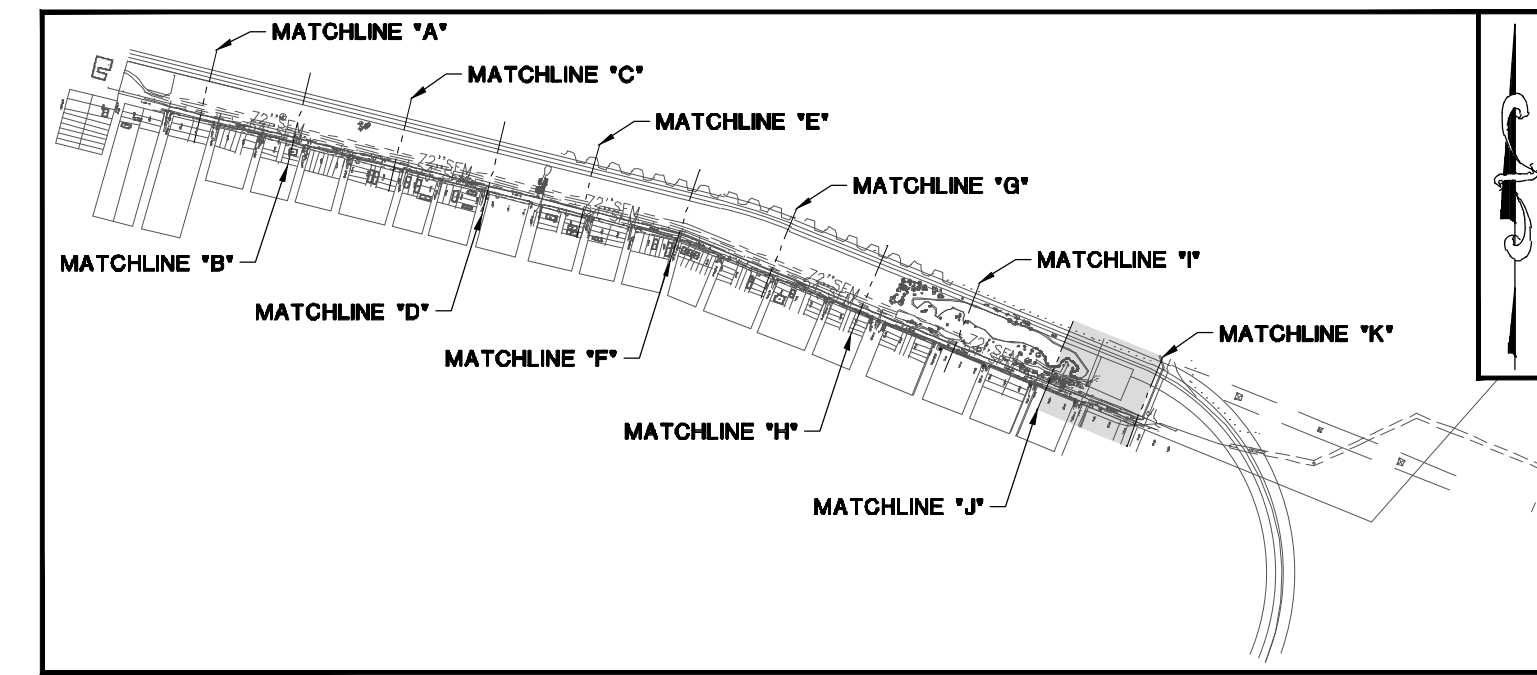


12-30-2021

DRAWN BY: JH
CHECKED BY: SMT
APPROVED BY: SMT
DATE: 12-30-2021
PROJECT NO.: 21-945
SHEET DESCRIPTION & NO.

GRADING PLAN

C-1.11



KEY MAP

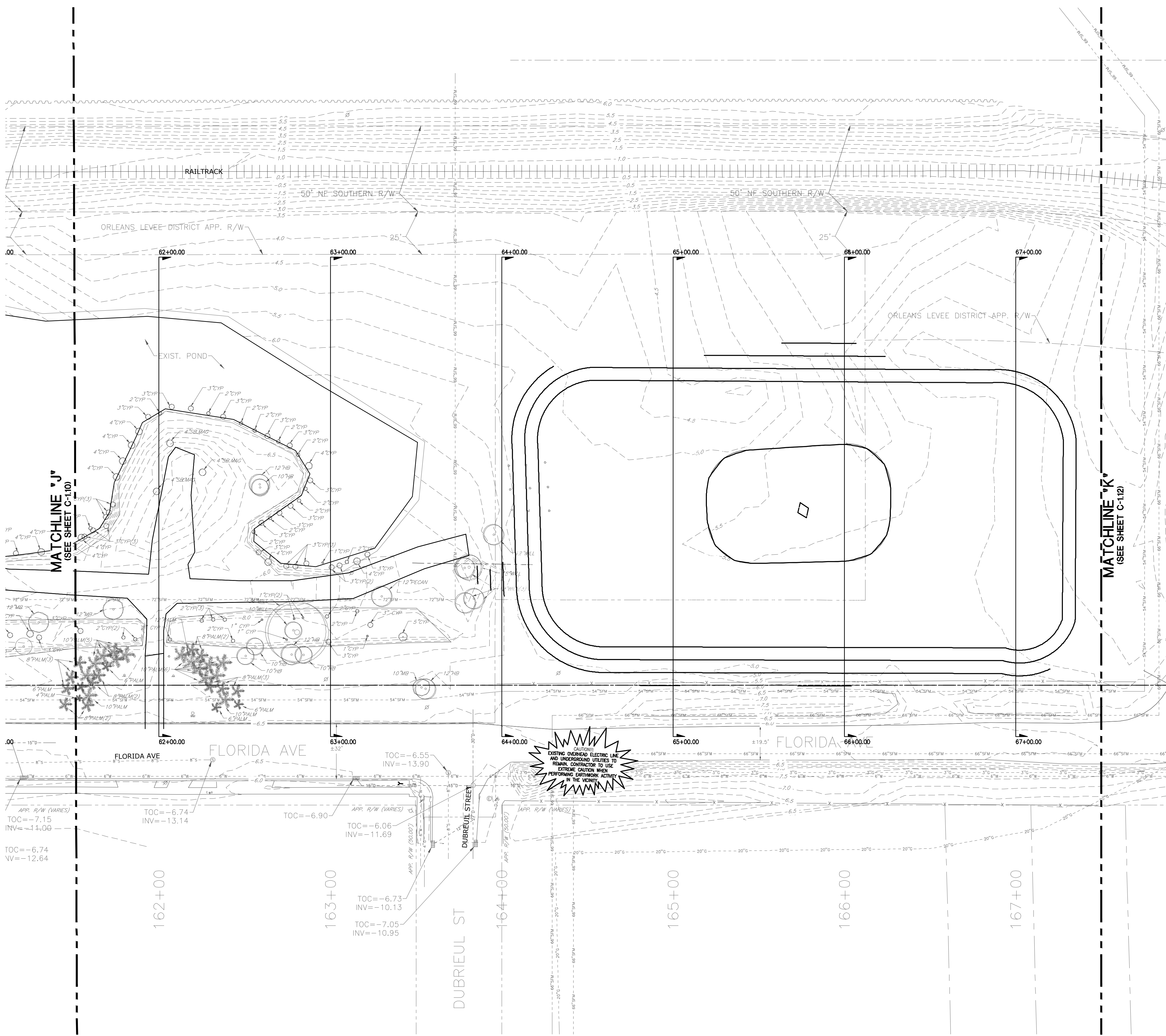
LEGEND - EXISTING

Legend table listing existing utilities and structures: C (Underground Cable TV Line), SIZE D (Drain Line), E (Underground Electric Line), FO (Underground Fiber Optic Line), SIZE G (Gas Main), SIZE S (Sewer Main), T (Underground Telephone Line), SIZE W (Water Line), OHE (Overhead Electric Line), MOUNTABLE CATCH BASIN, DROP INLET, VERTICAL CATCH BASIN, DRAIN MANHOLE, ELECTRIC MANHOLE, SEWER MANHOLE, WATER MANHOLE, WATER METER, WATER VALVE, GAS VALVE, CABLE PEDESTAL, TELEPHONE PEDESTAL, POWER POLE, LIGHT POLE, MAIL BOX, FIRE HYDRANT, SIGN.

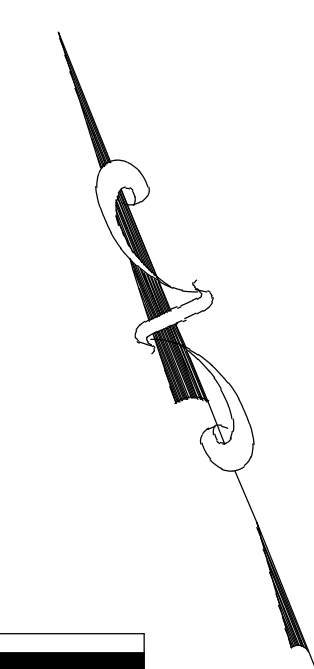
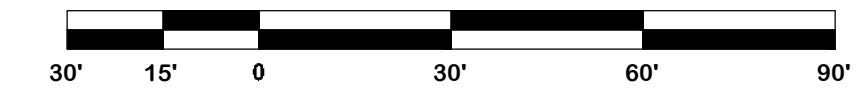
LEGEND - NEW IMPROVEMENTS

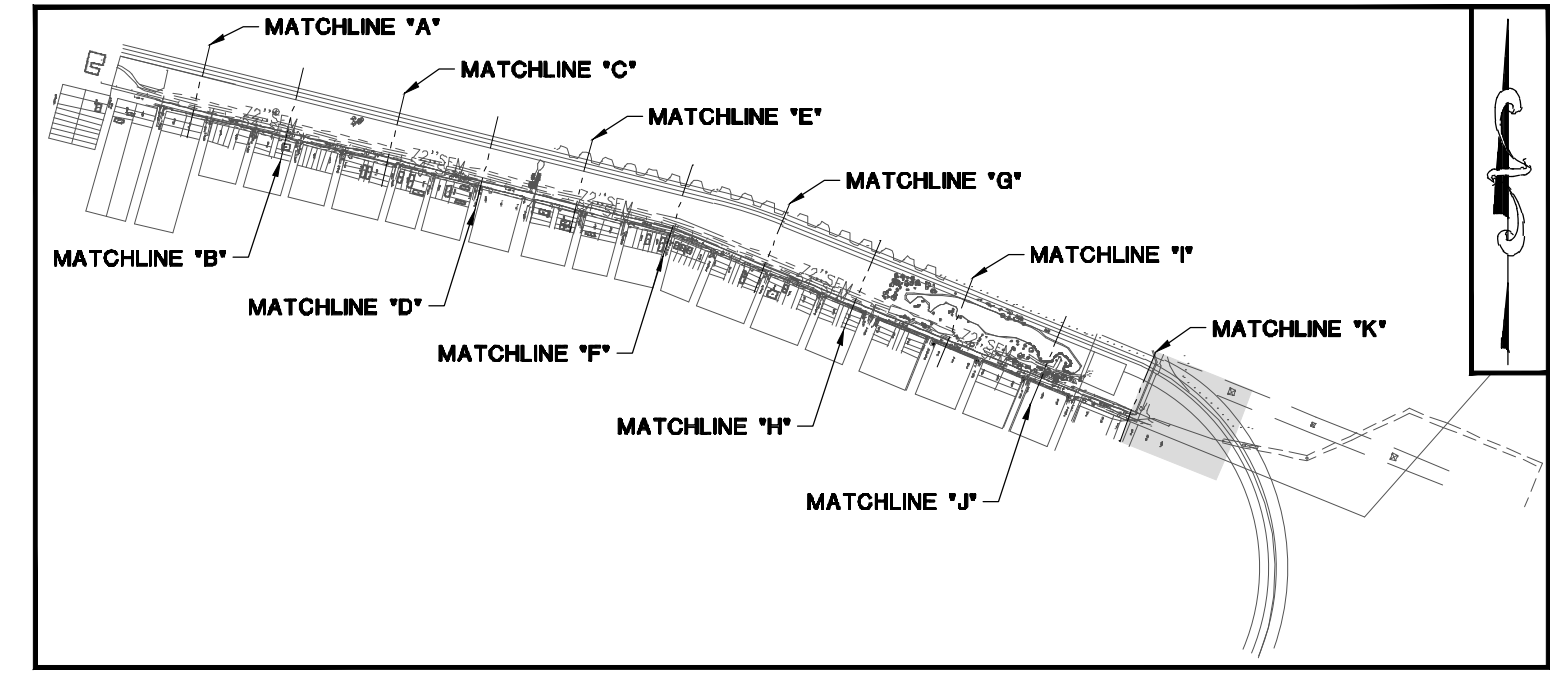
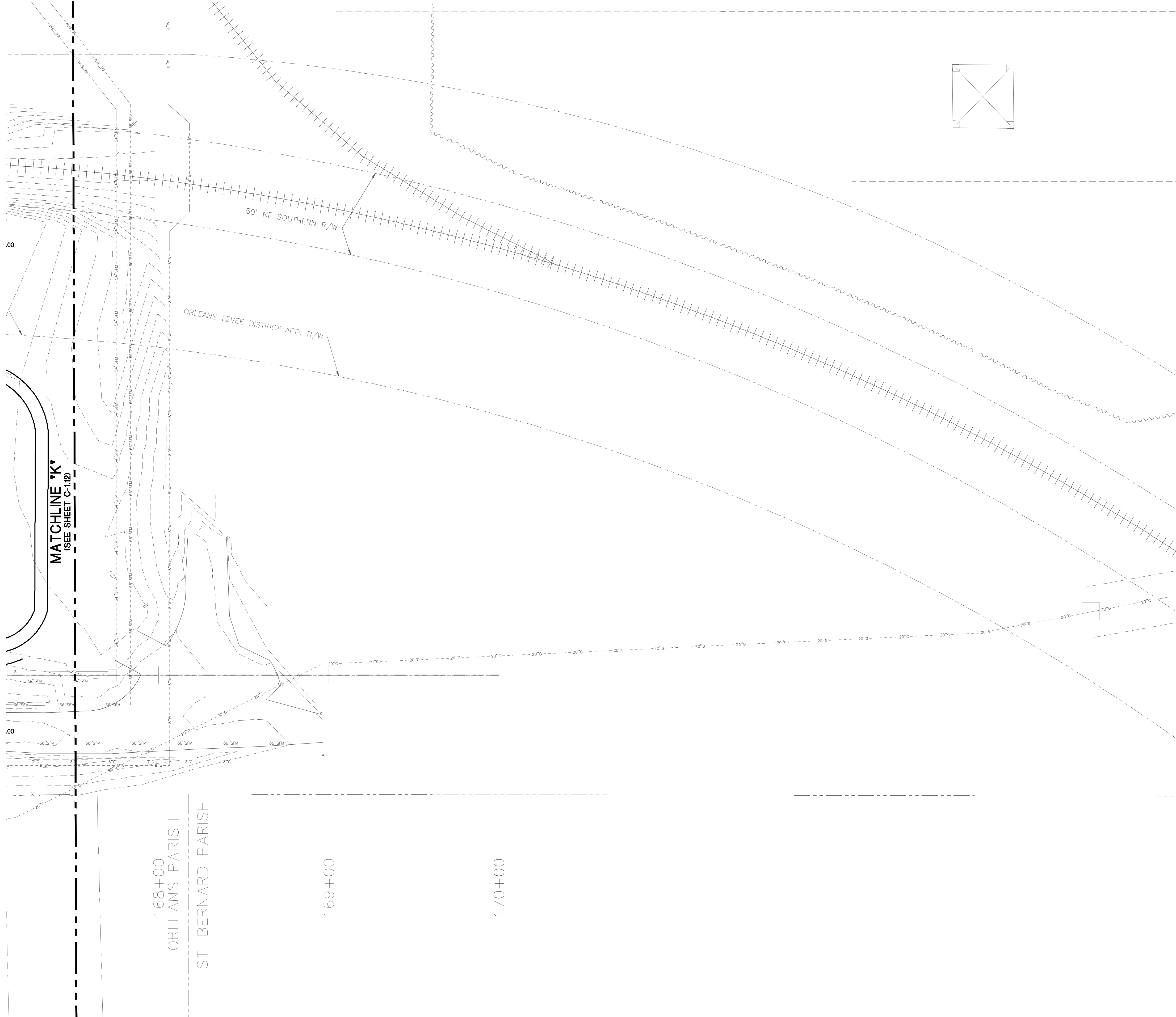
Legend table listing new improvements: CONTOUR (12), SWALE, SPOT ELEVATION (TOP OF PAVEMENT) x 12.00 I.P., SPOT ELEVATION (TOP OF CONCRETE) x 12.00 I.C., SPOT ELEVATION (MATCH EXISTING) x 12.00 M.E., SLOPE (-S).

NOTE:
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AND DETAILS



SCALE IN FEET





KEY MAP

LEGEND - EXISTING

---	C	---	UNDERGROUND CABLE TV LINE
---	SIZE D	---	DRAIN LINE
---	E	---	UNDERGROUND ELECTRIC LINE
---	FO	---	UNDERGROUND FIBER OPTIC LINE
---	SIZE G	---	GAS MAIN
---	SIZE S	---	SEWER MAIN
---	T	---	UNDERGROUND TELEPHONE LINE
---	SIZE W	---	WATER LINE
---	OHE	---	OVERHEAD ELECTRIC LINE

	MOUNTABLE CATCH BASIN
	DROP INLET
	VERTICAL CATCH BASIN
	DRAIN MANHOLE
	ELECTRIC MANHOLE
	SEWER MANHOLE
	WATER MANHOLE
	WATER METER
	WATER VALVE
	GAS VALVE
	CABLE PEDESTAL
	TELEPHONE PEDESTAL
	POWER POLE
	LIGHT POLE
	MAIL BOX
	FIRE HYDRANT
	SIGN

LEGEND - NEW IMPROVEMENTS

---	CONTOUR	12
---	SWALE	
x 12.00	SPOT ELEVATION	
x 12.00 I.P.	SPOT ELEVATION (TOP OF PAVEMENT)	
x 12.00 I.C.	SPOT ELEVATION (TOP OF CONCRETE)	
x 12.00 M.E.	SPOT ELEVATION (MATCH EXISTING)	
-S-	SLOPE	

NOTE:
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DDG
DUPLANTIS DESIGN GROUP

ISSUE	DATE	DESCRIPTION

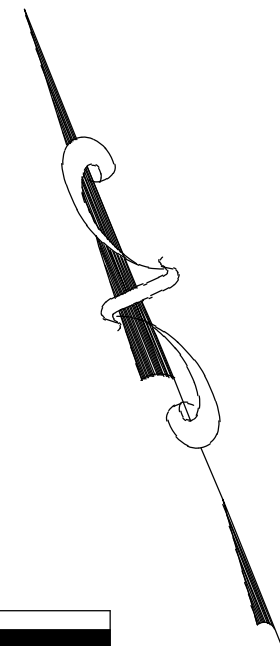
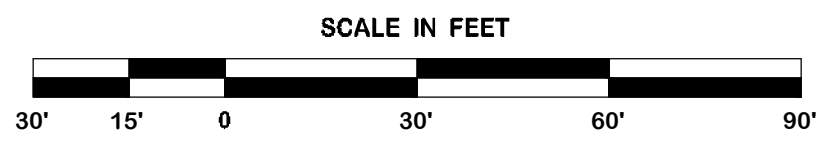
REVISION	DESCRIPTION

SEAL / REGISTRATION

SCOTT M. TABARY
License No. 42541
PROFESSIONAL ENGINEER
STATE OF LOUISIANA

12-30-2021

DRAWN BY: JH
CHECKED BY: SMT
APPROVED BY: SMT
DATE: 12-30-2021
PROJECT NO.: 21-945
SHEET DESCRIPTION & NO.





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12-30-2021

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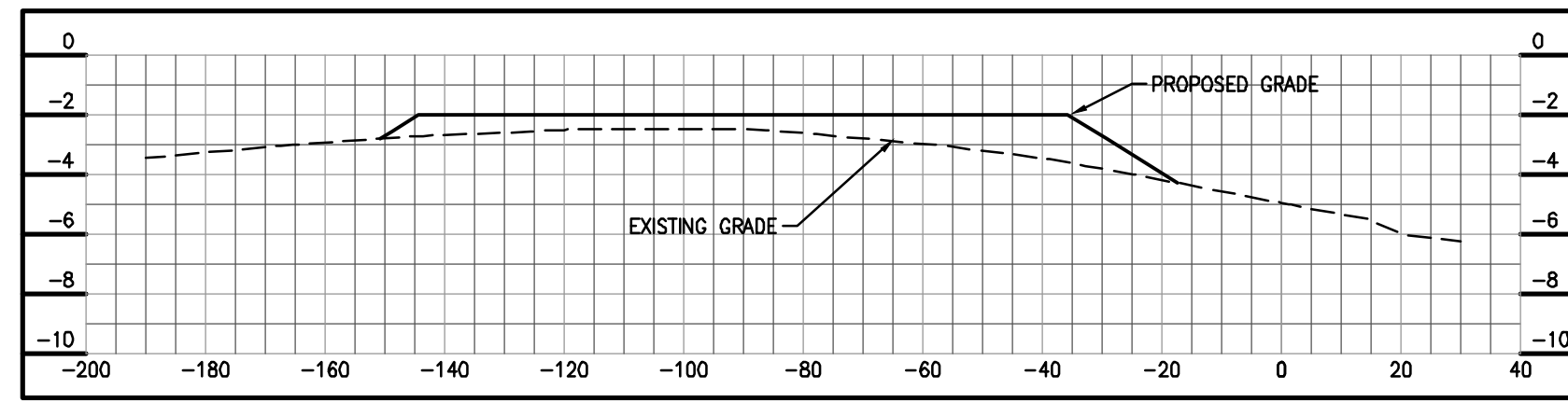
DATE: 12-30-2021

PROJECT NO.: 21-965

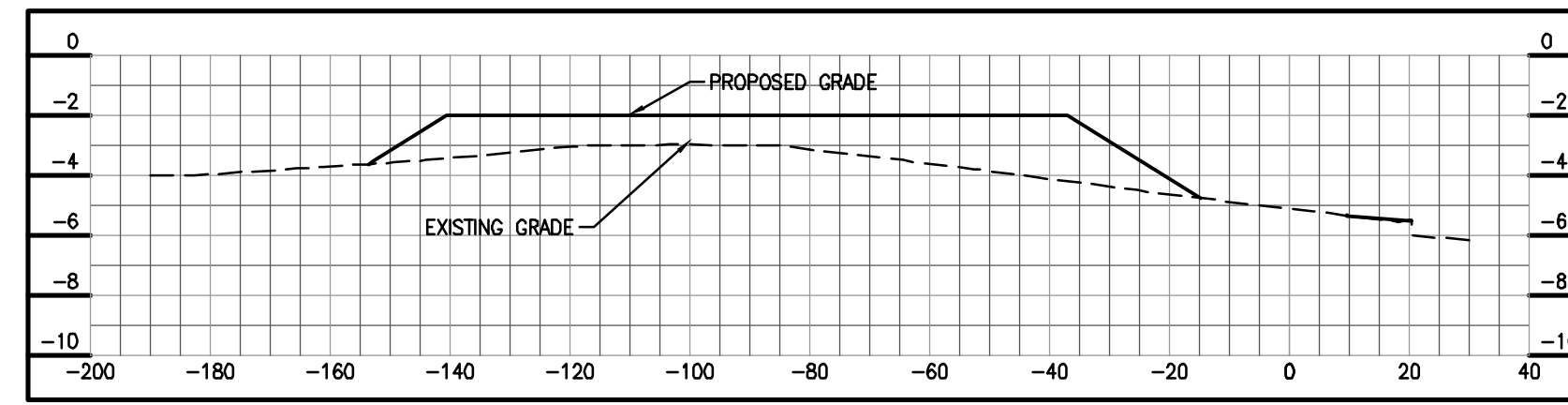
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SECTIONS
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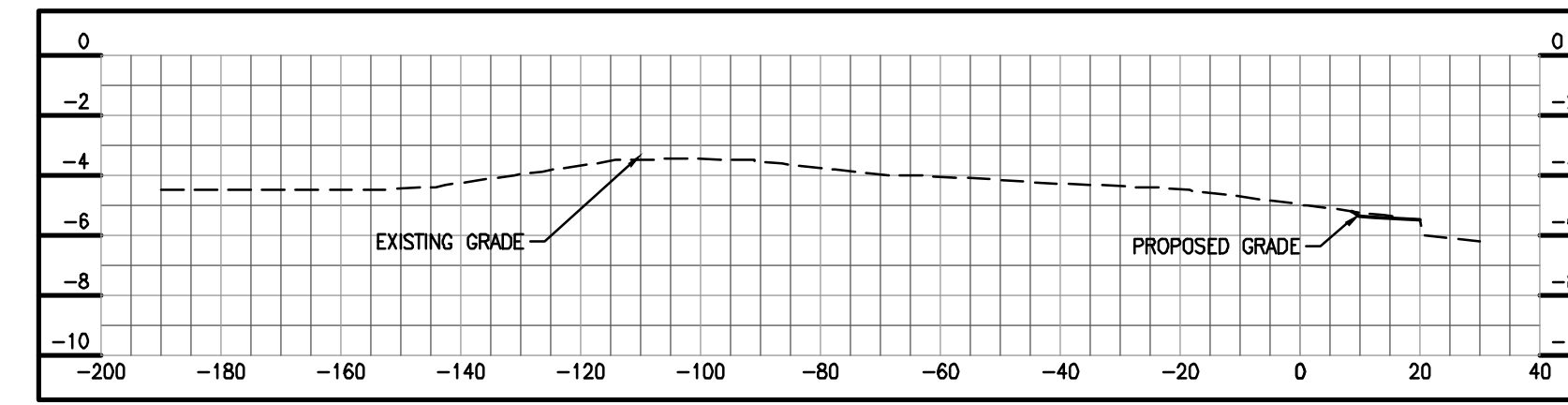
C-2.1



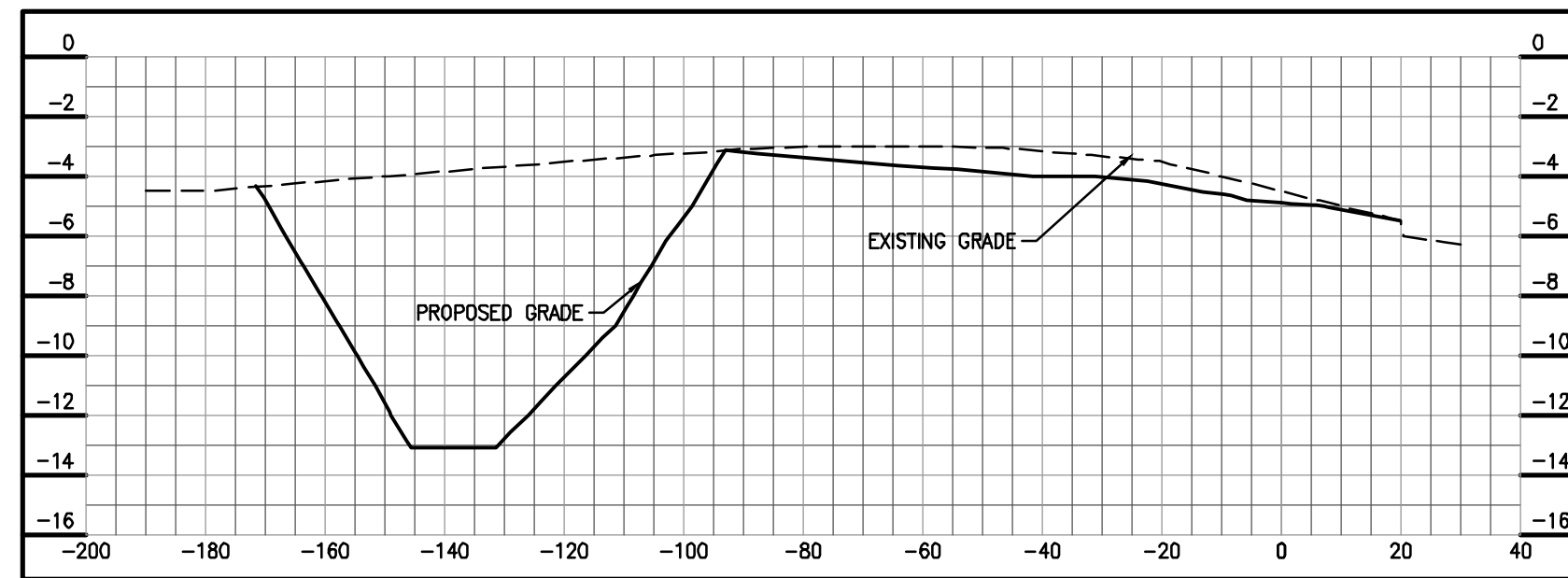
5+00.00



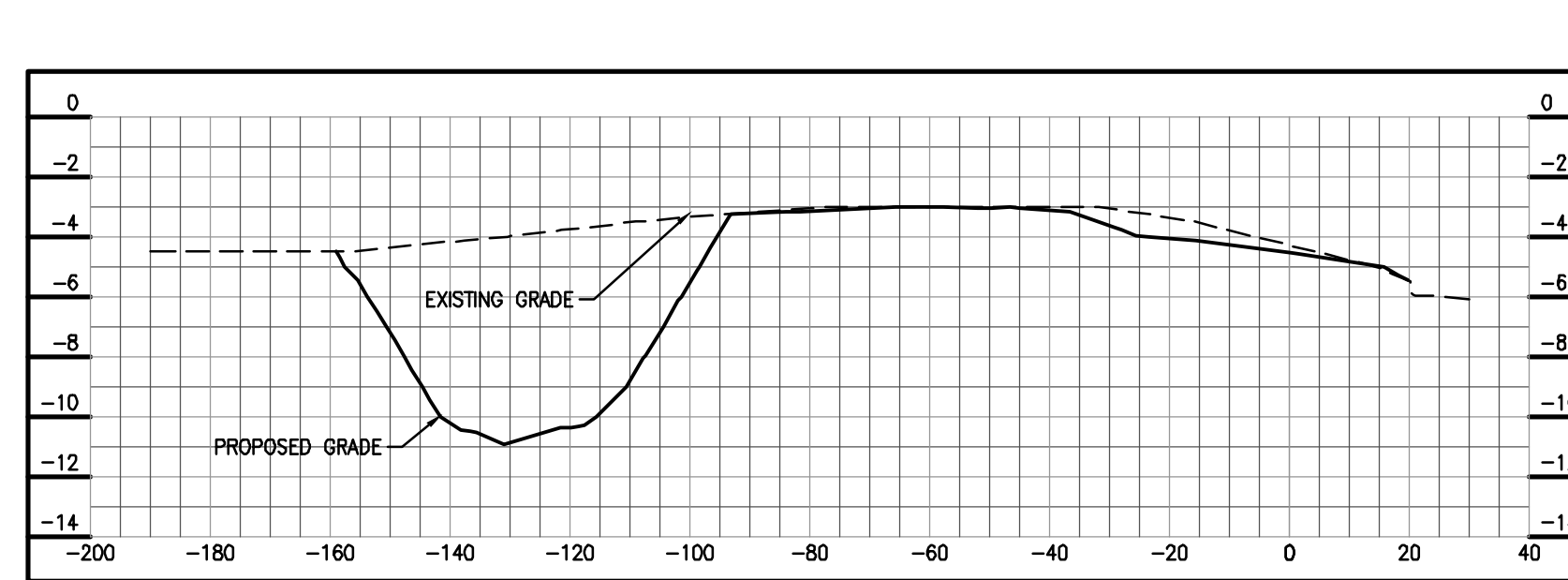
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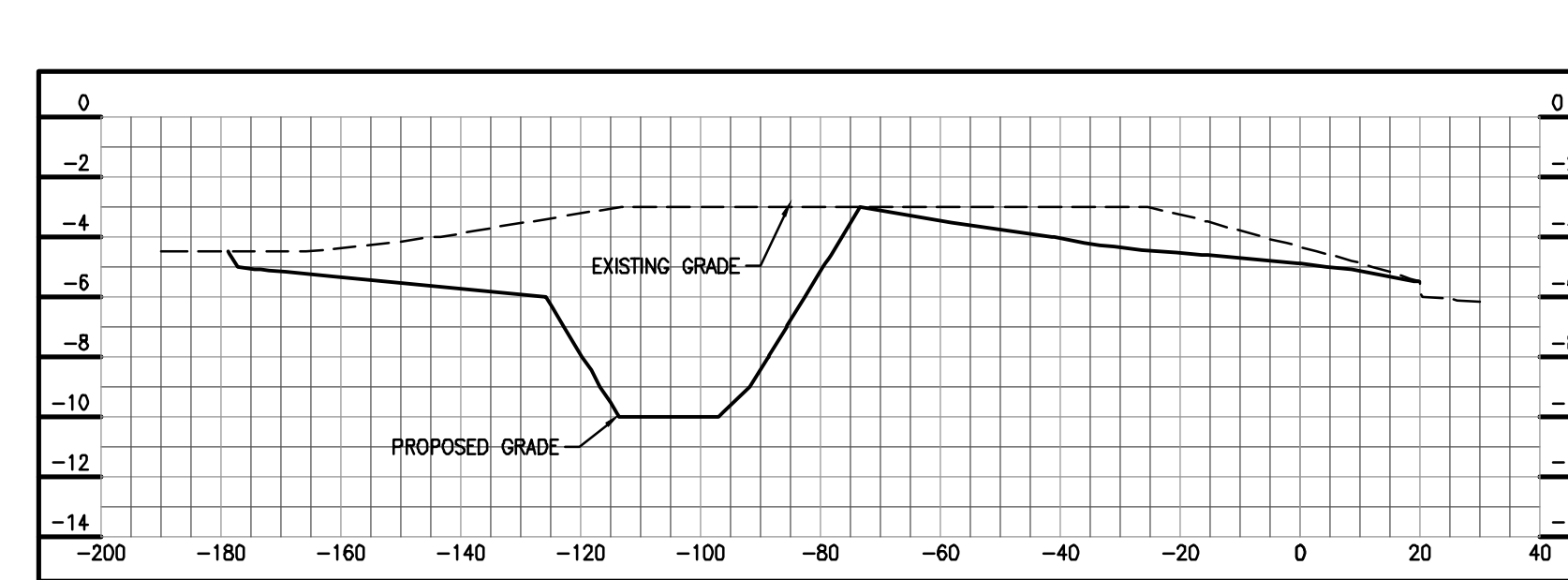
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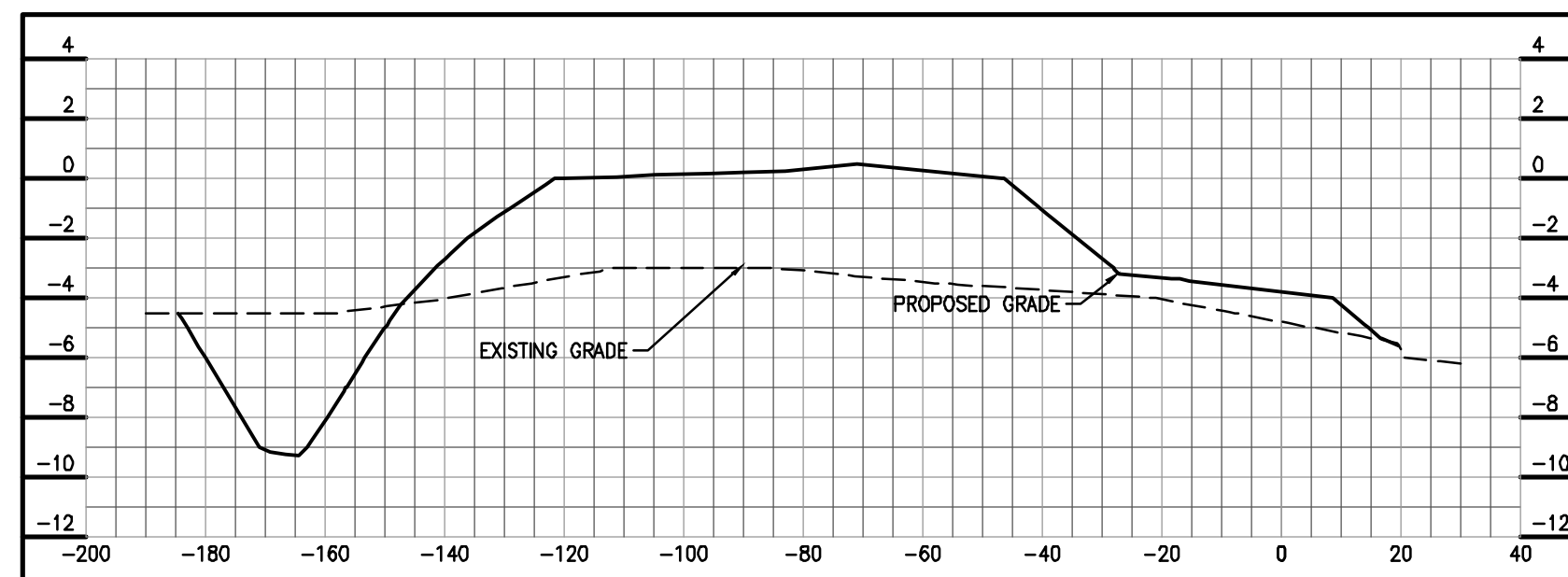
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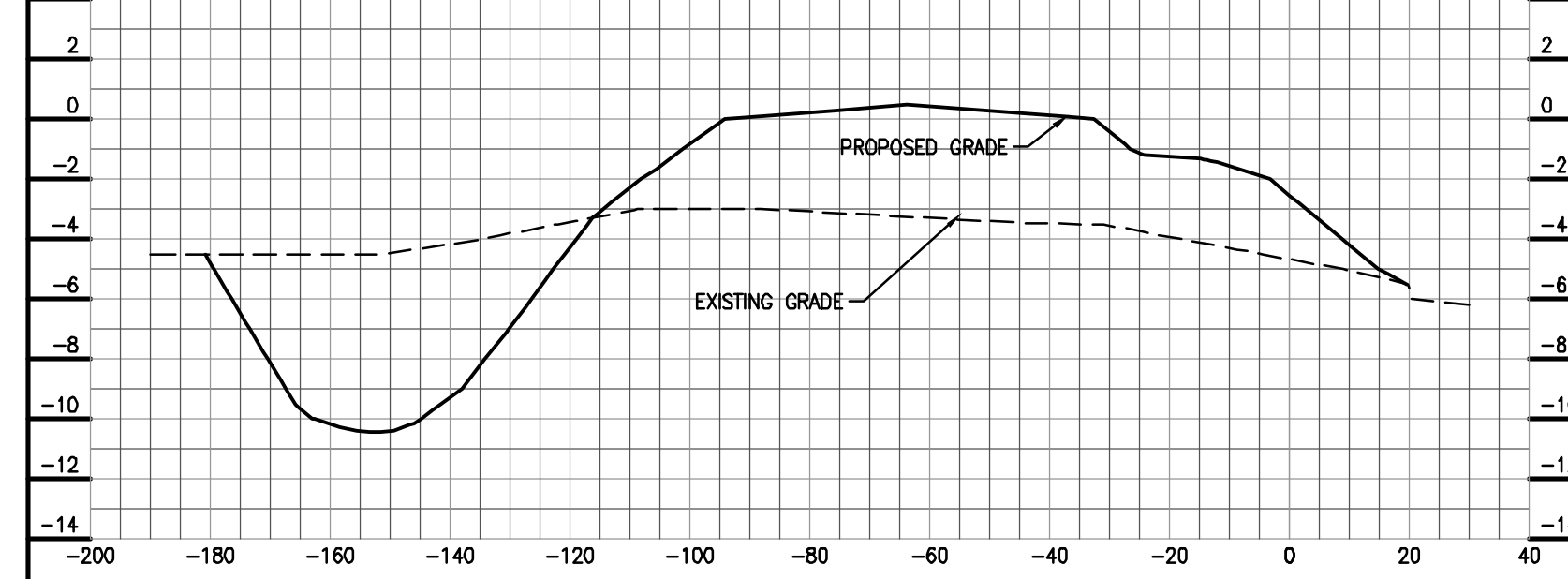
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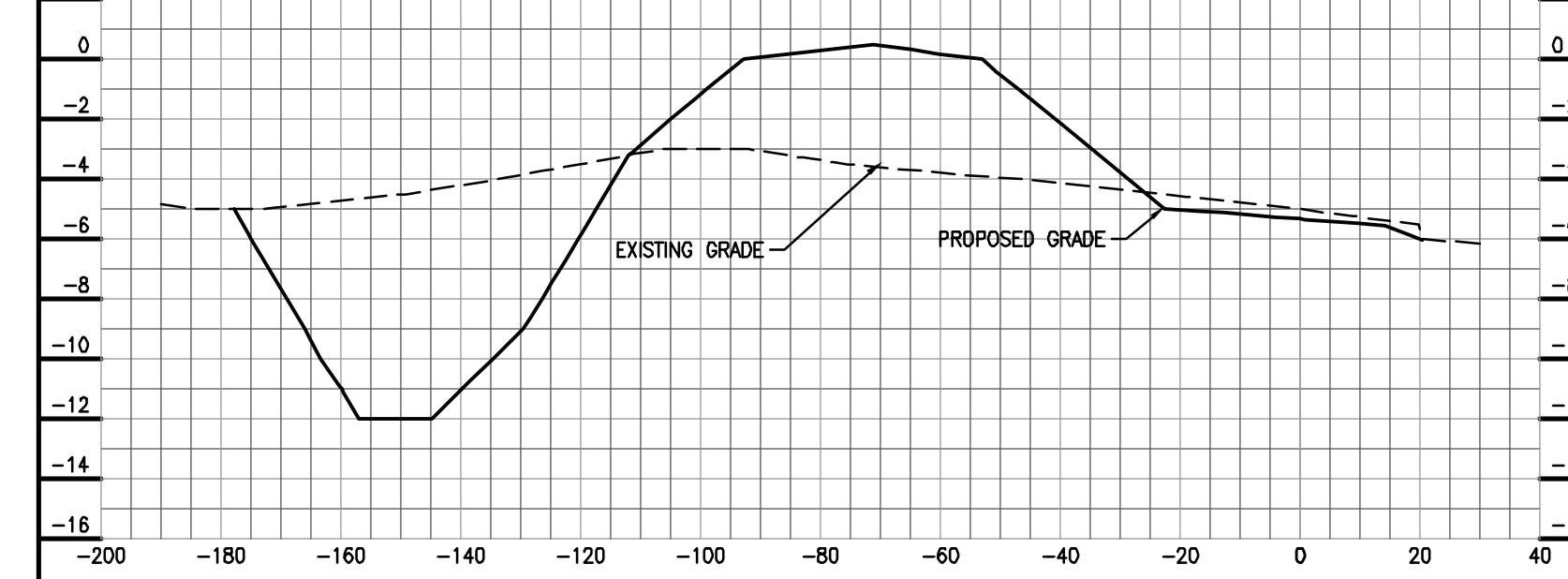
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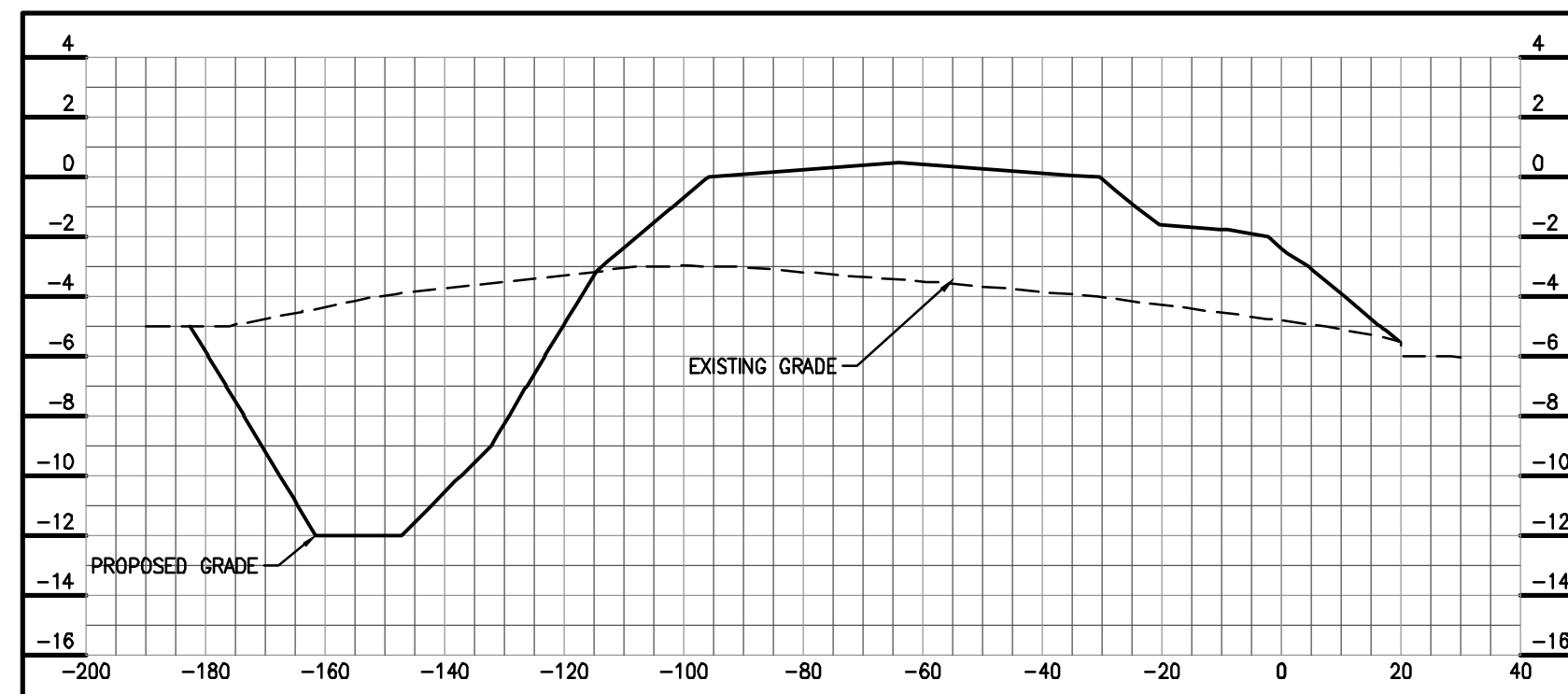
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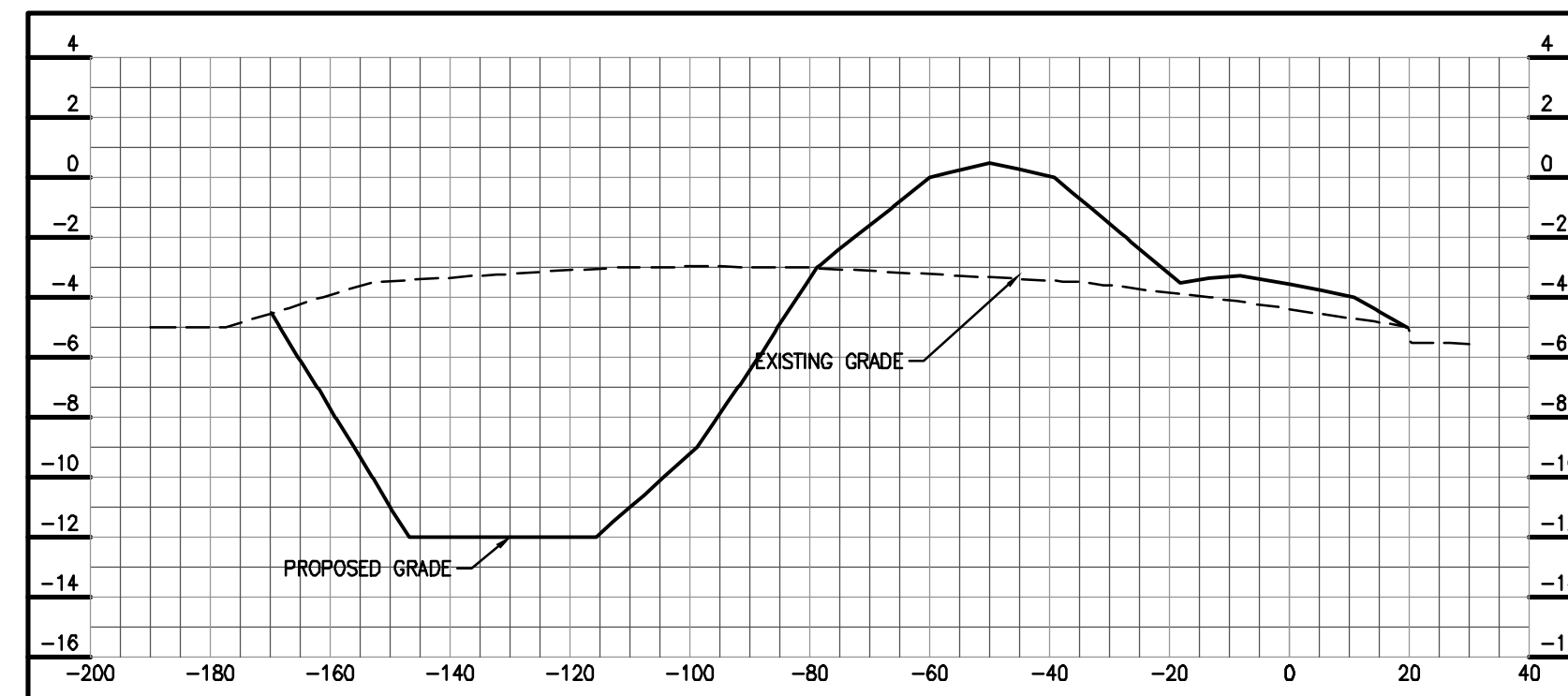
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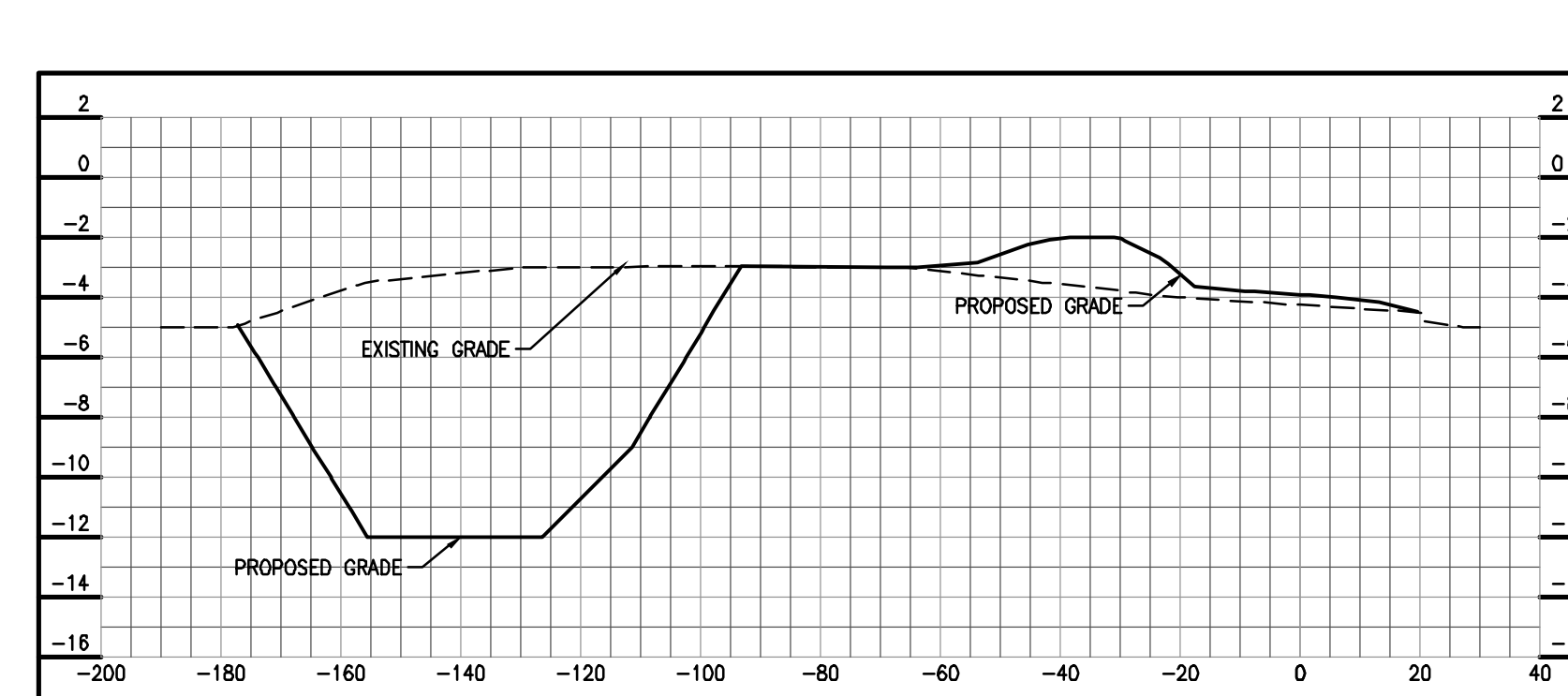
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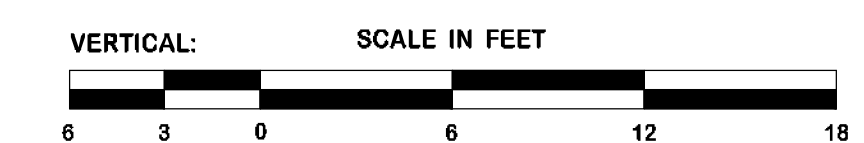
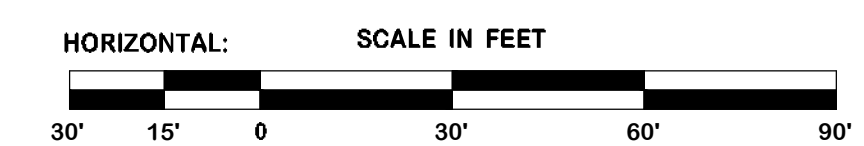
14+00.00



15+00.00



16+00.00





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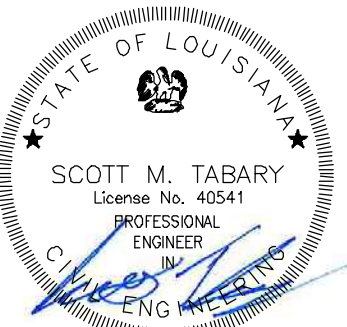
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ISSUE	DATE	DESCRIPTION

REVISION DESCRIPTION

REVISION	DESCRIPTION

SEAL / REGISTRATION



12-30-2021

DRAWN BY: JH

CHECKED BY: SMT

APPROVED BY: SMT

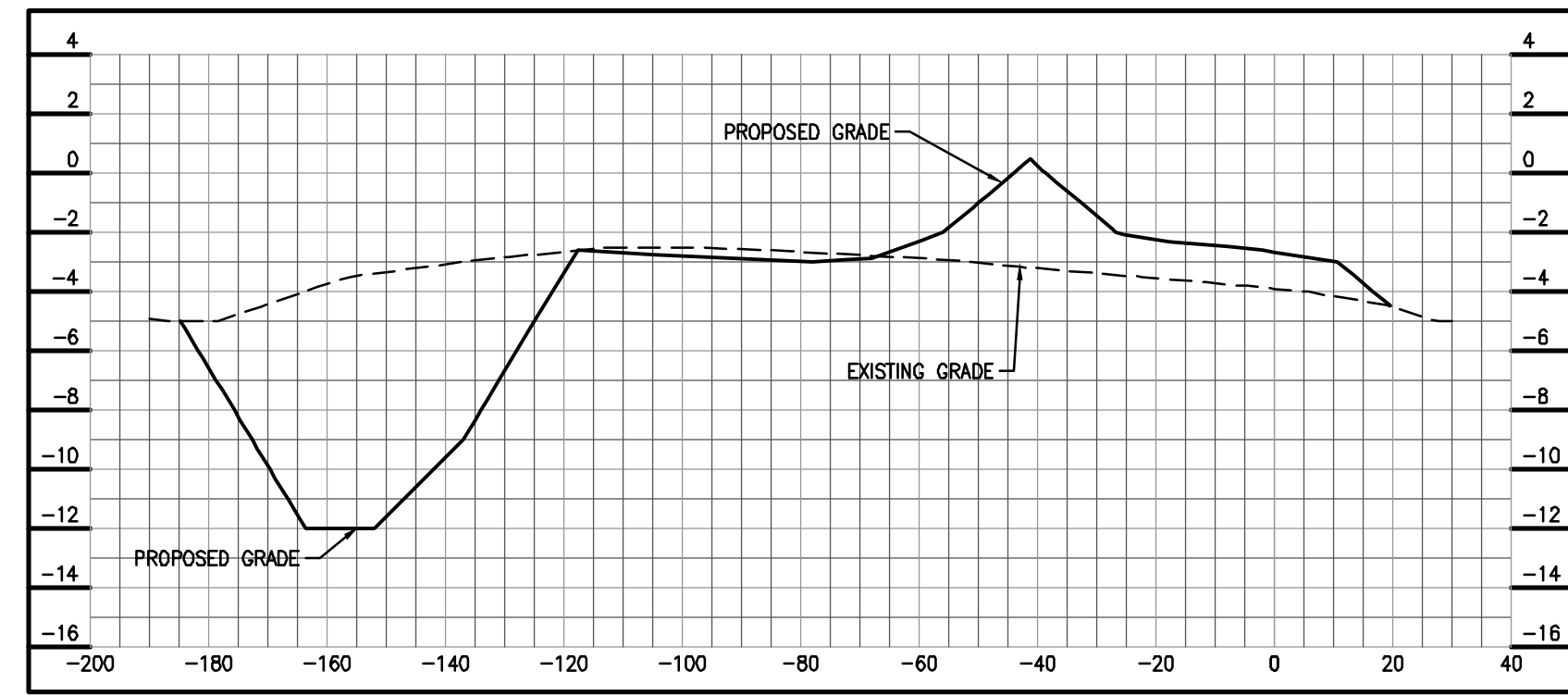
DATE: 12-30-2021

PROJECT NO.: 21-965

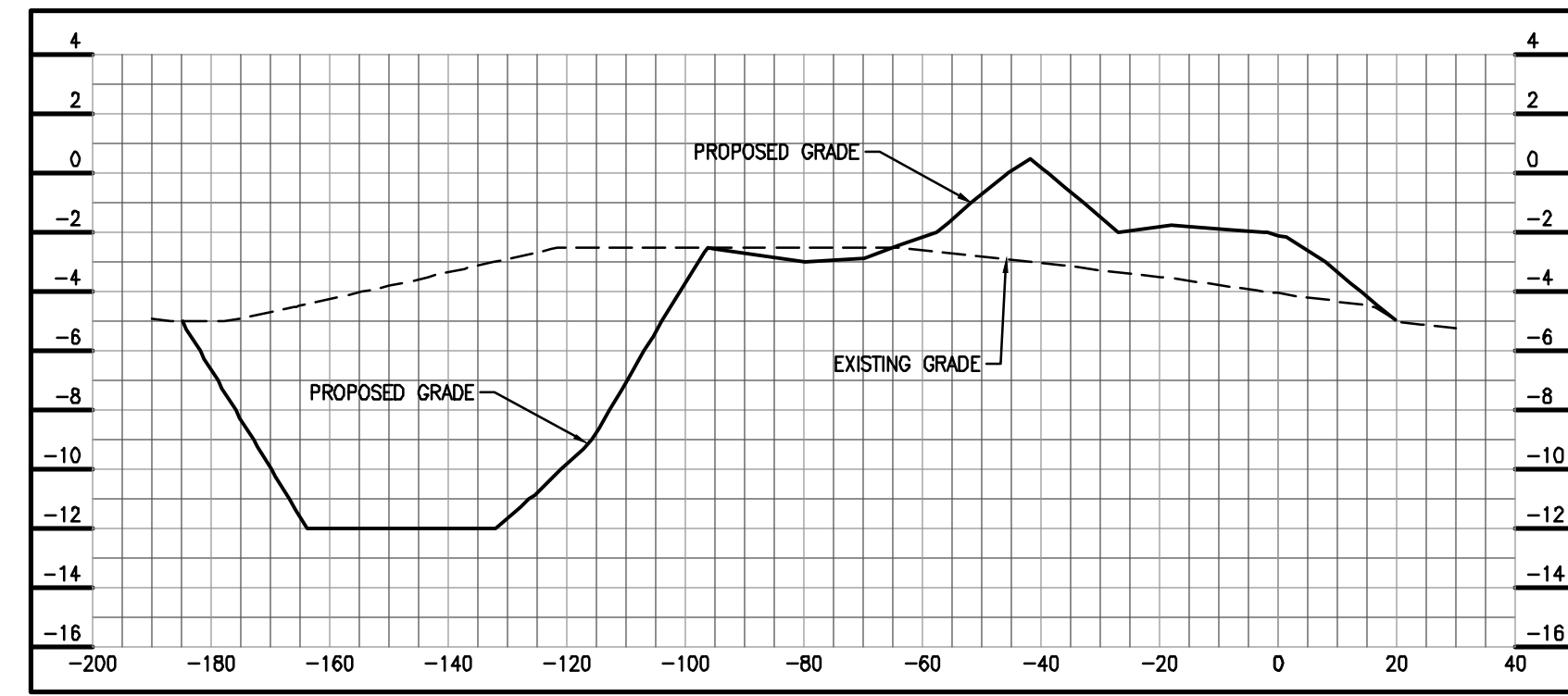
SHEET DESCRIPTION & NO.

SECTIONS
17+00 - 28+00

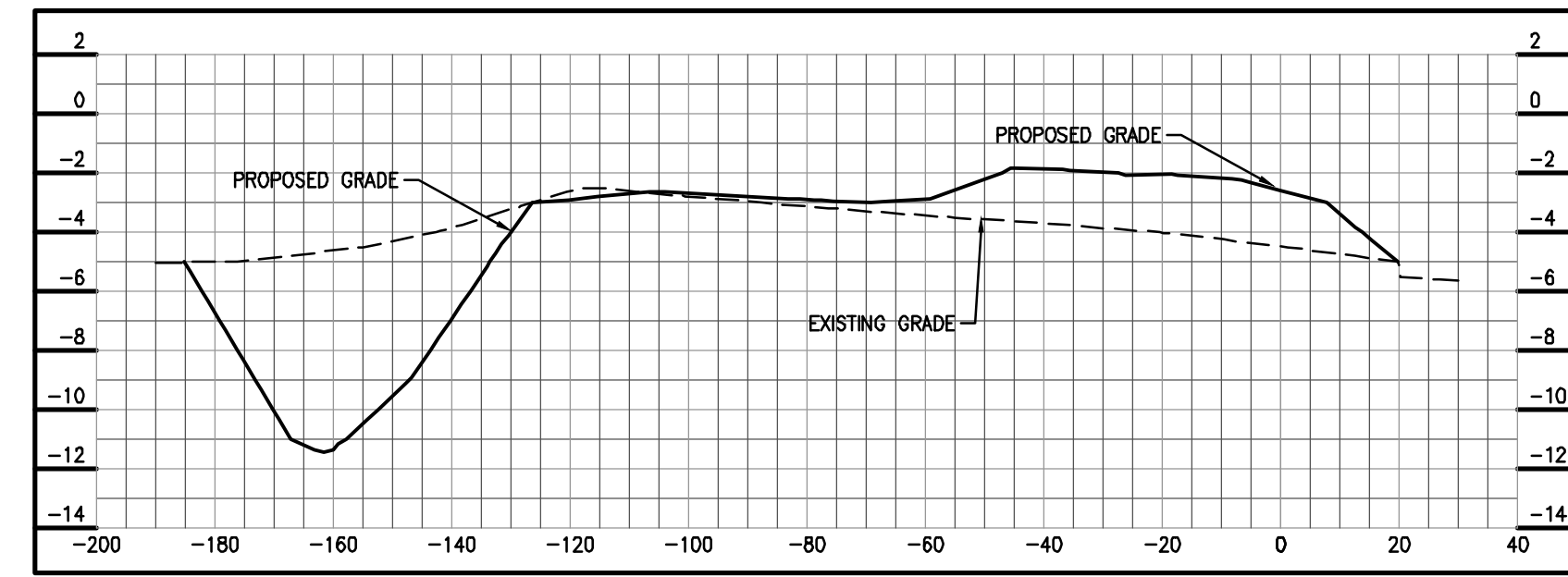
C-2.2



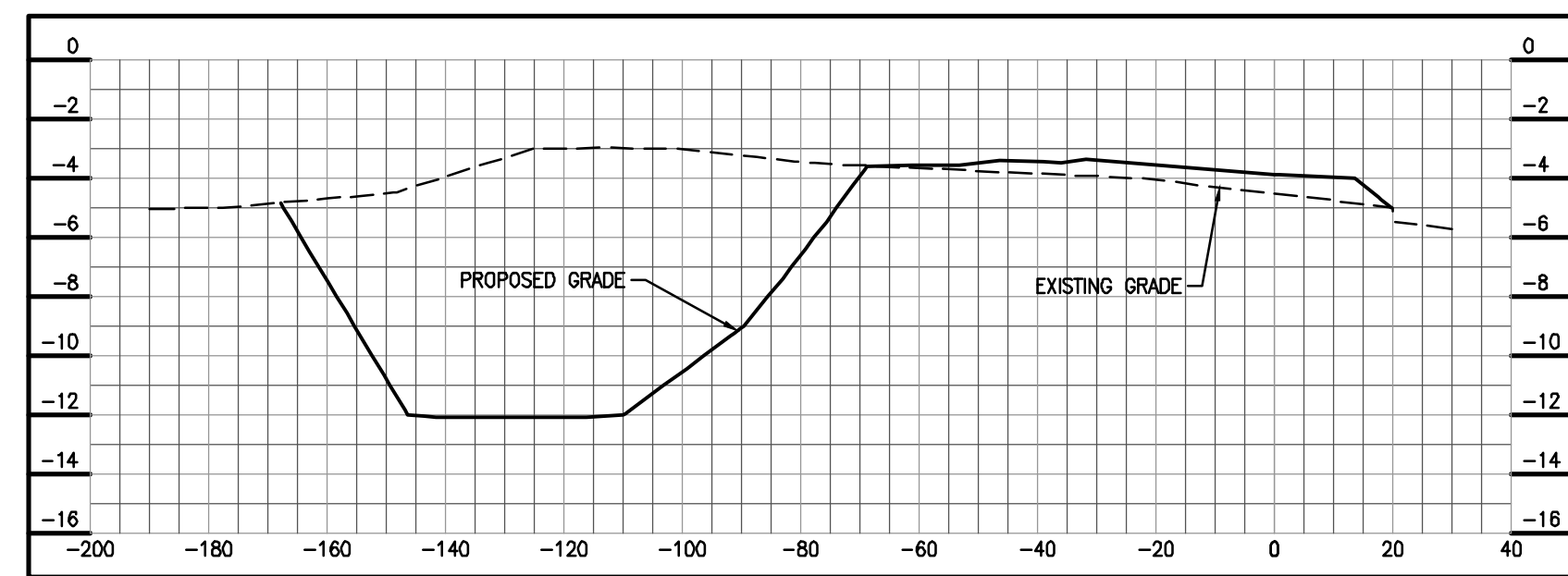
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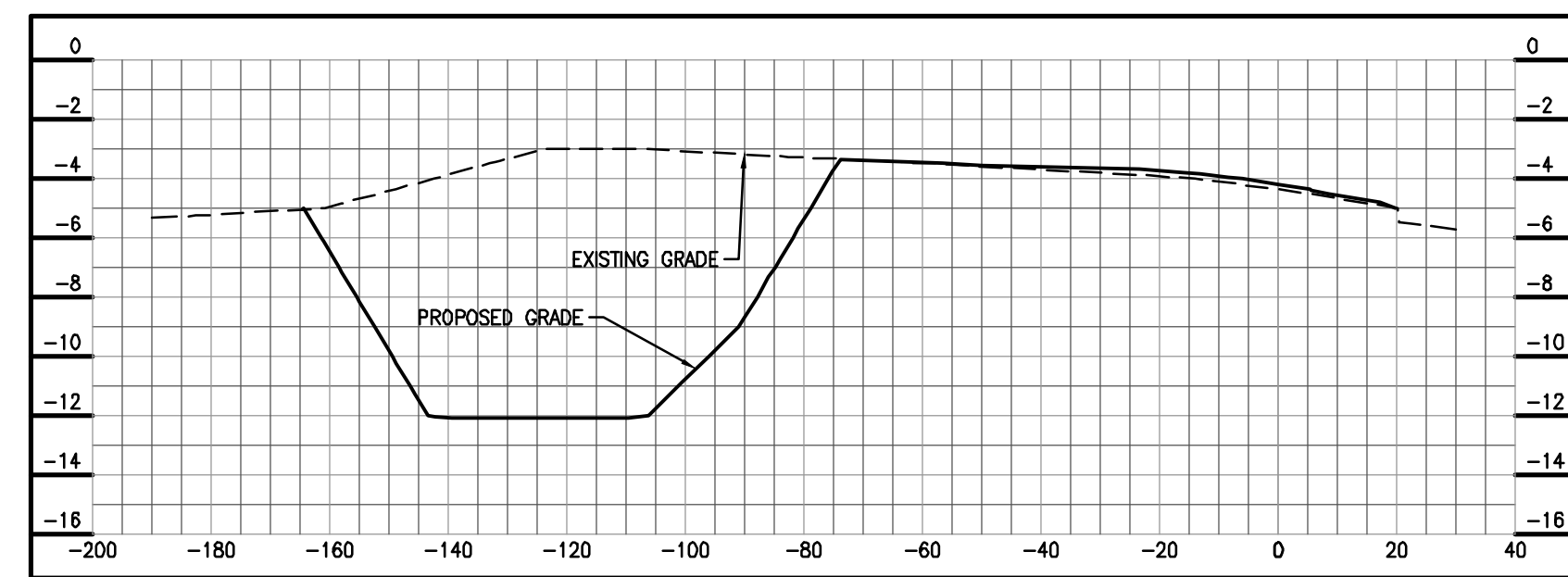
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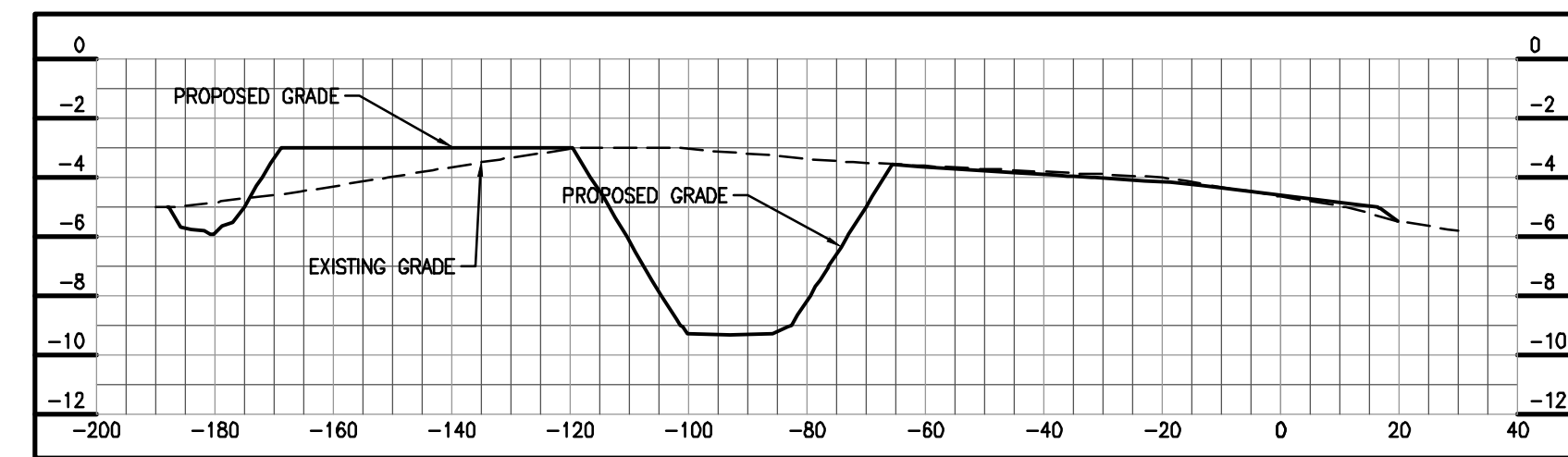
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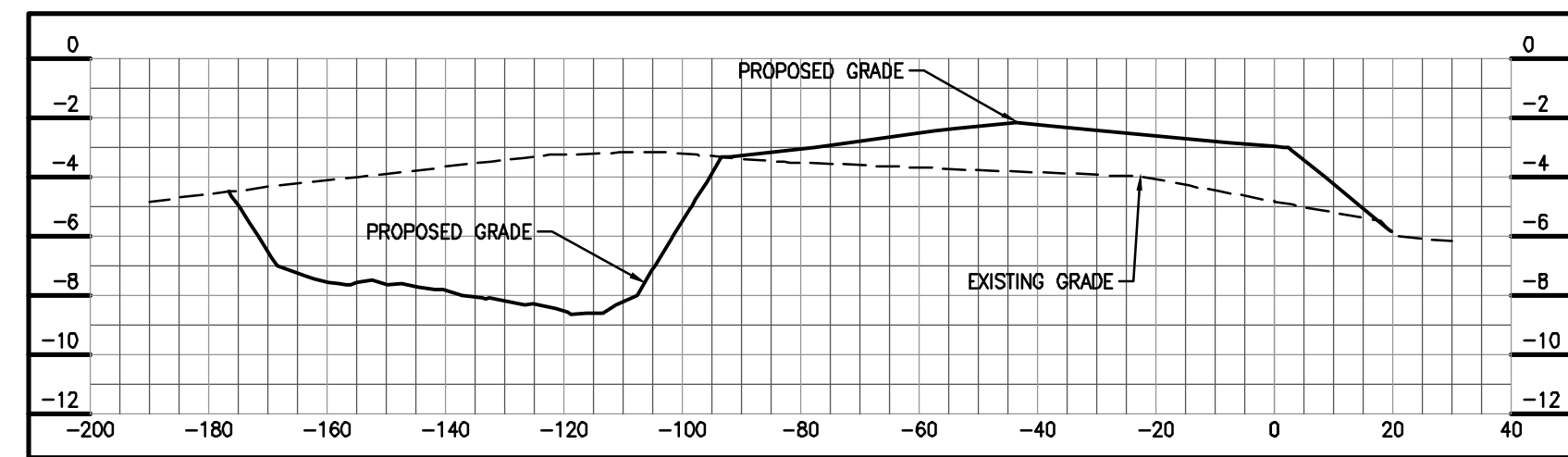
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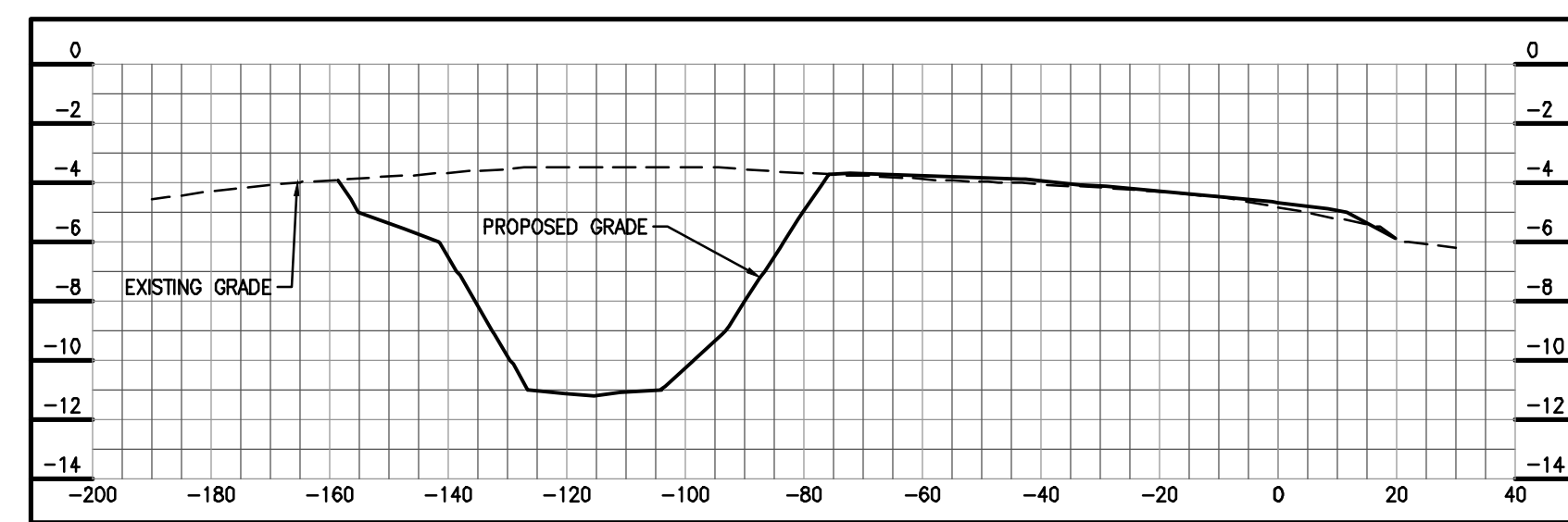
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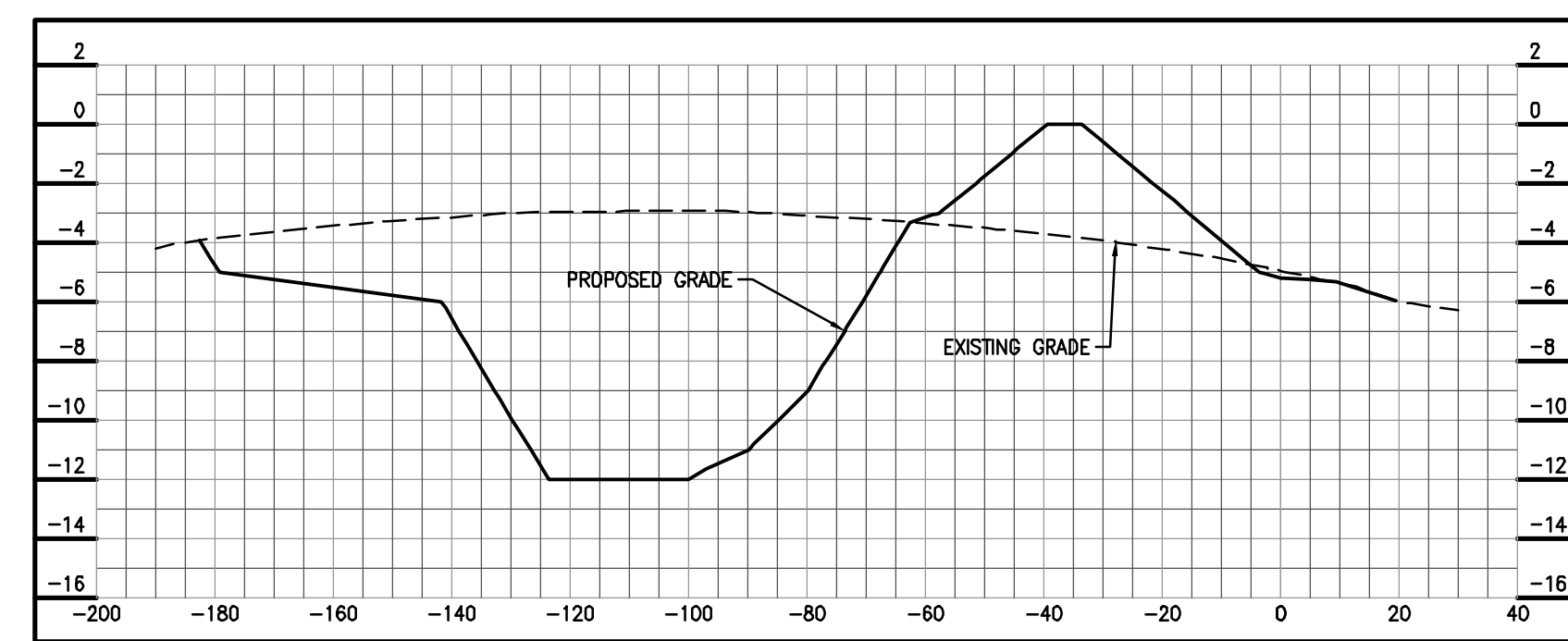
22+00.00



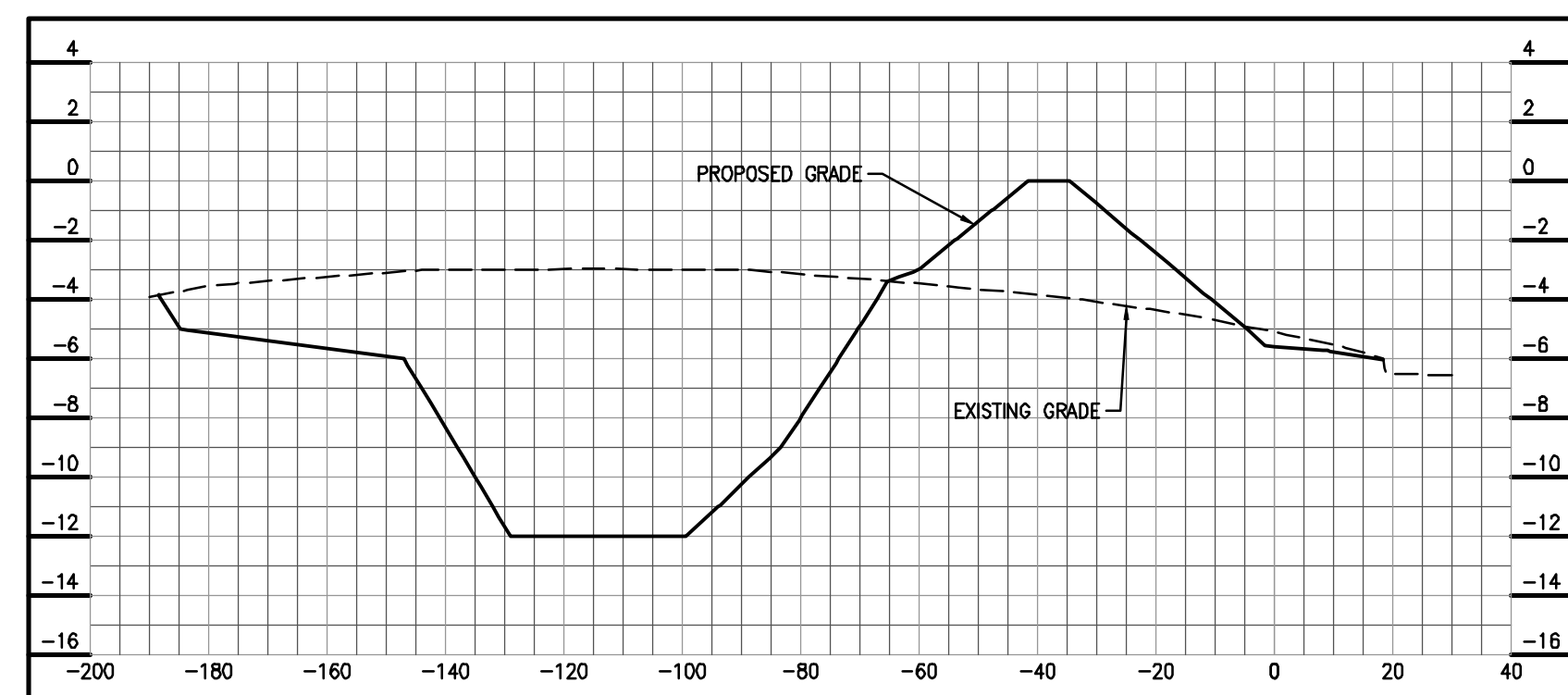
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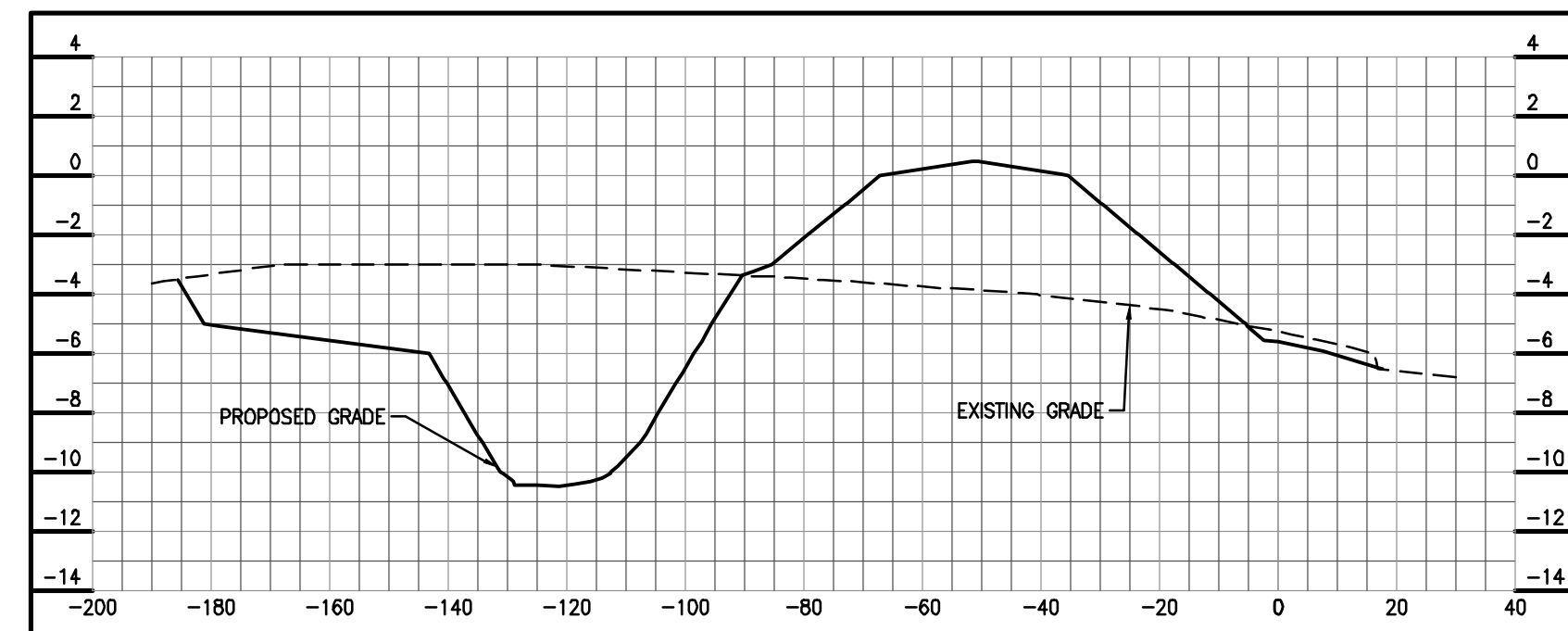
24+00.00



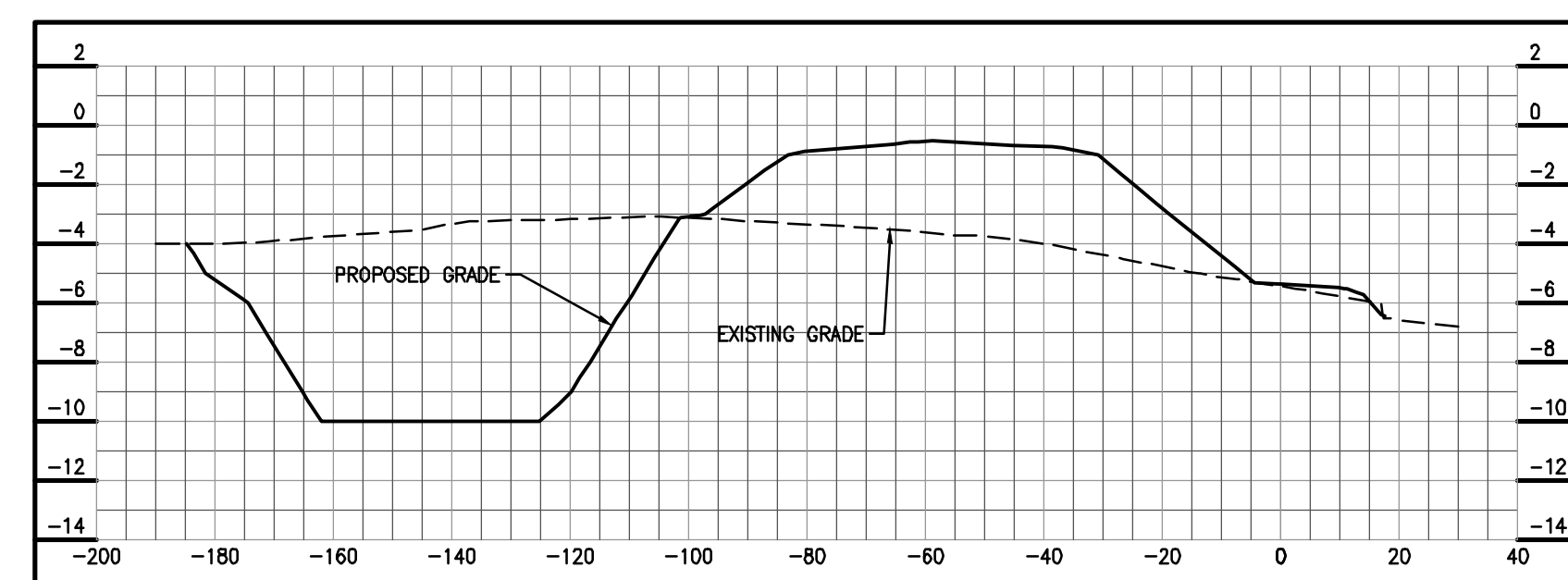
25+00.00



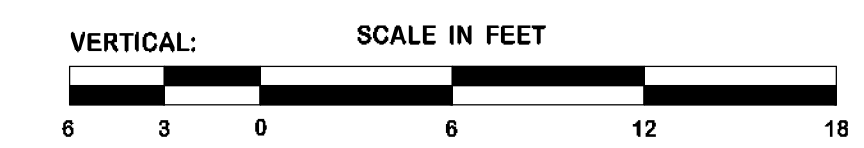
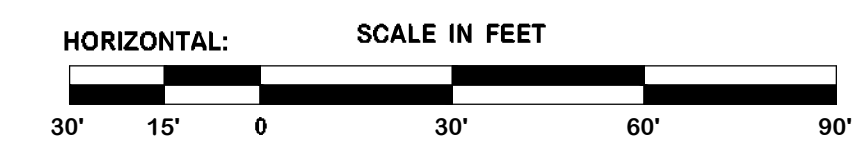
26+00.00



27+00.00



28+00.00





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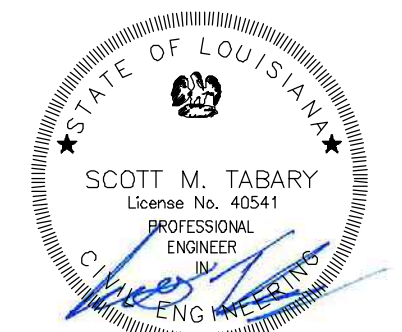
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REVISION	DESCRIPTION

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12-30-2021

DRAWN BY: JH

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APPROVED BY: SMT

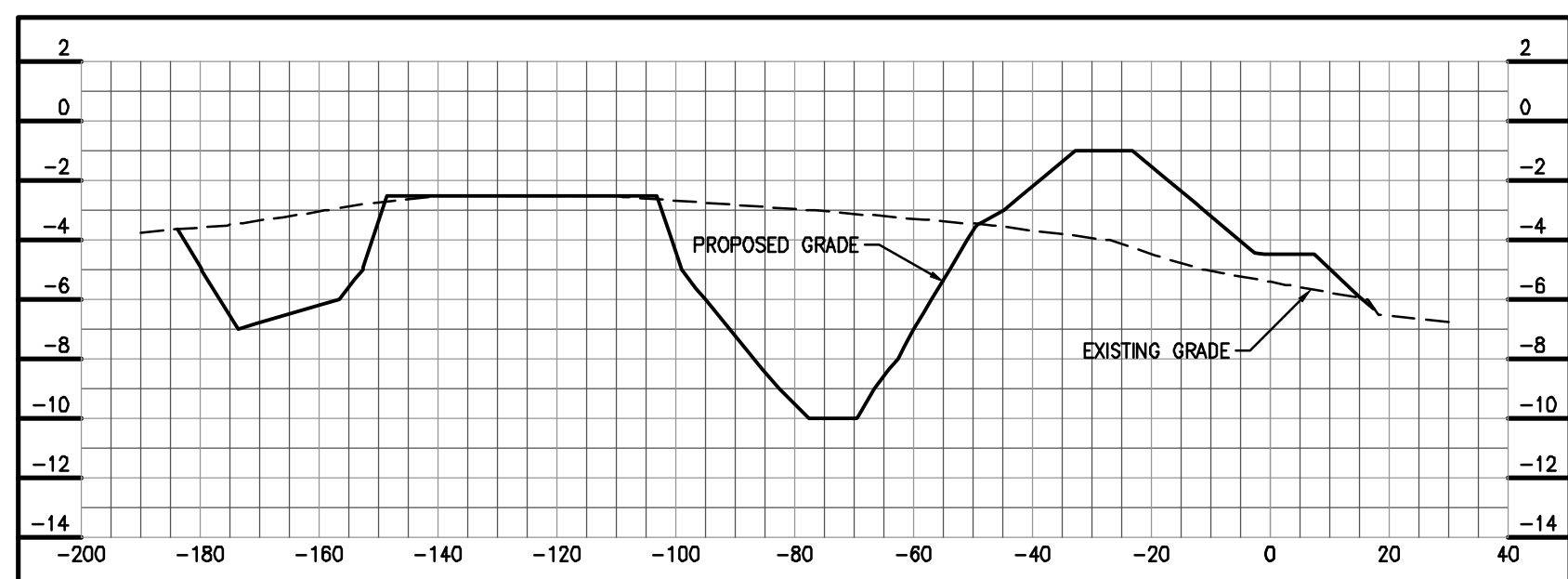
DATE: 12-30-2021

PROJECT NO.: 21-965

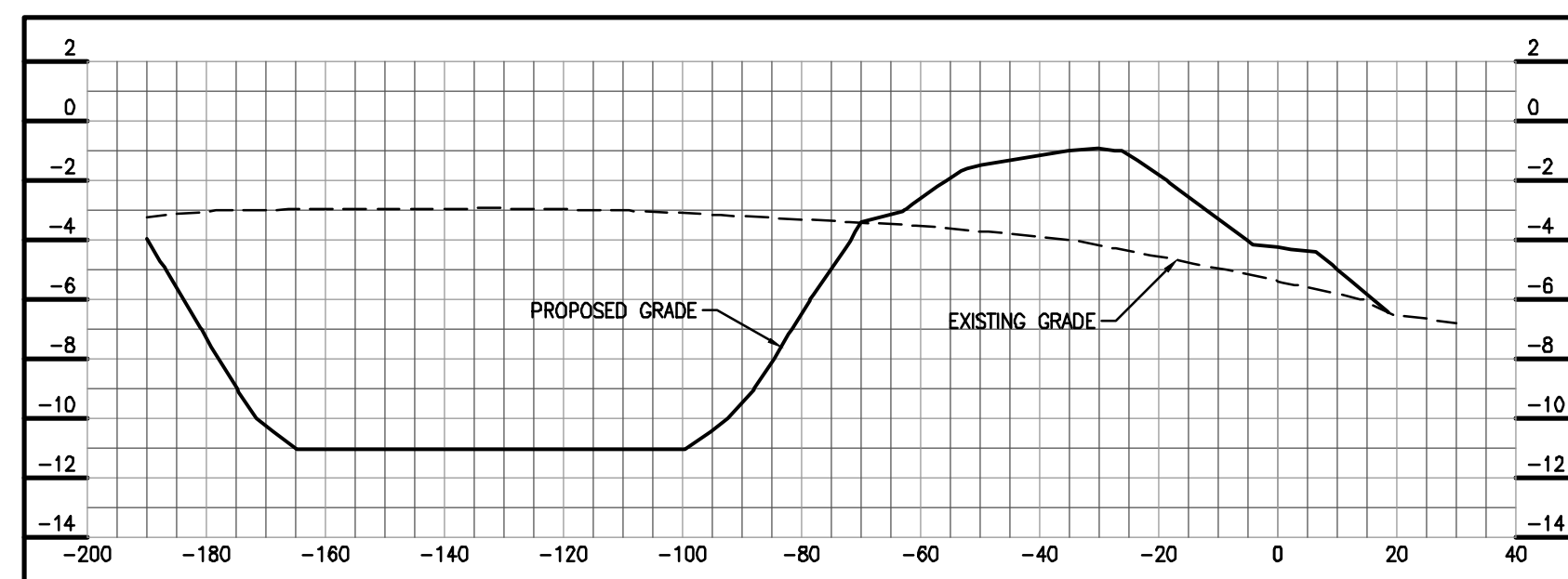
SHEET DESCRIPTION & NO.

SECTIONS
29+00 - 39+00

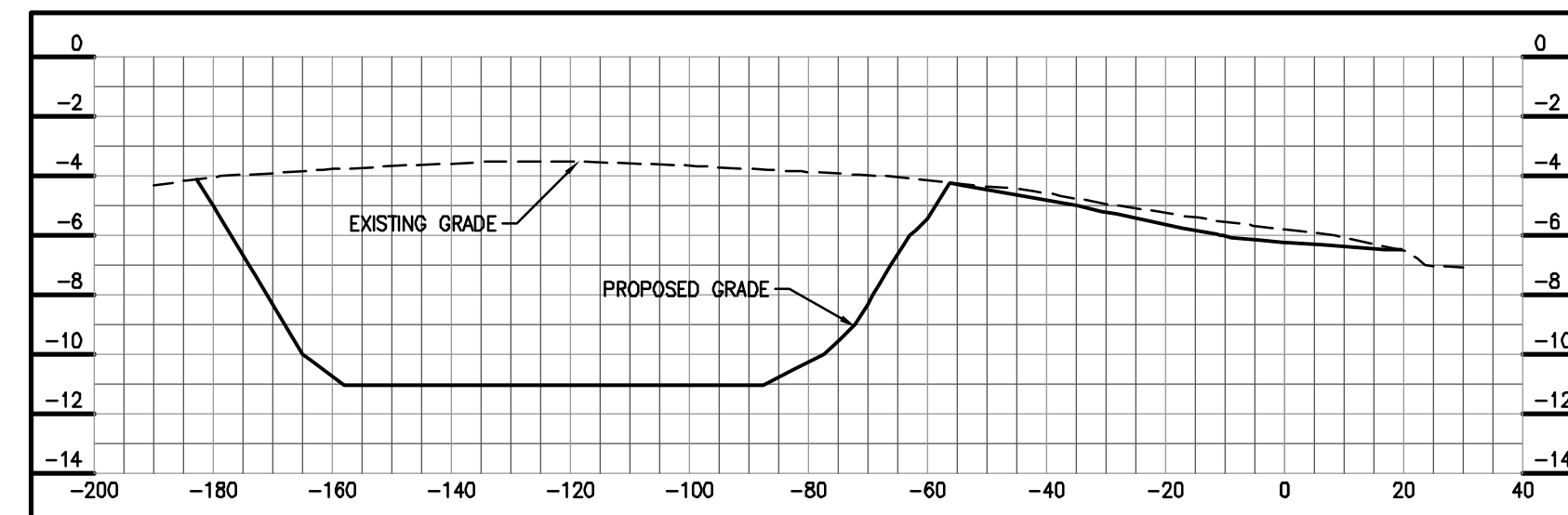
C-2.3



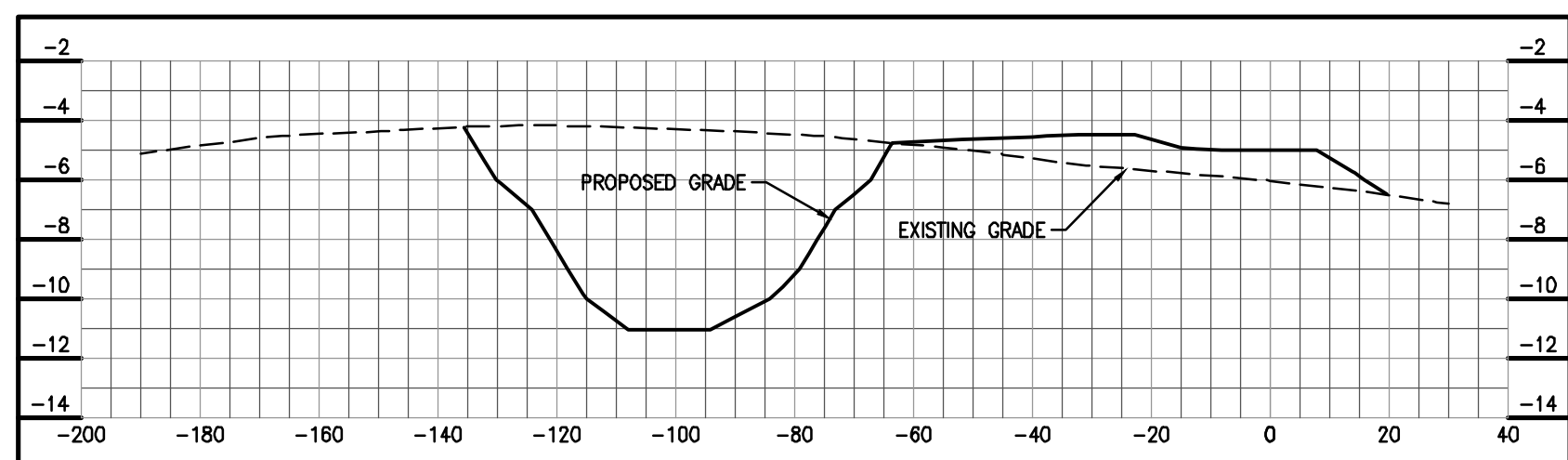
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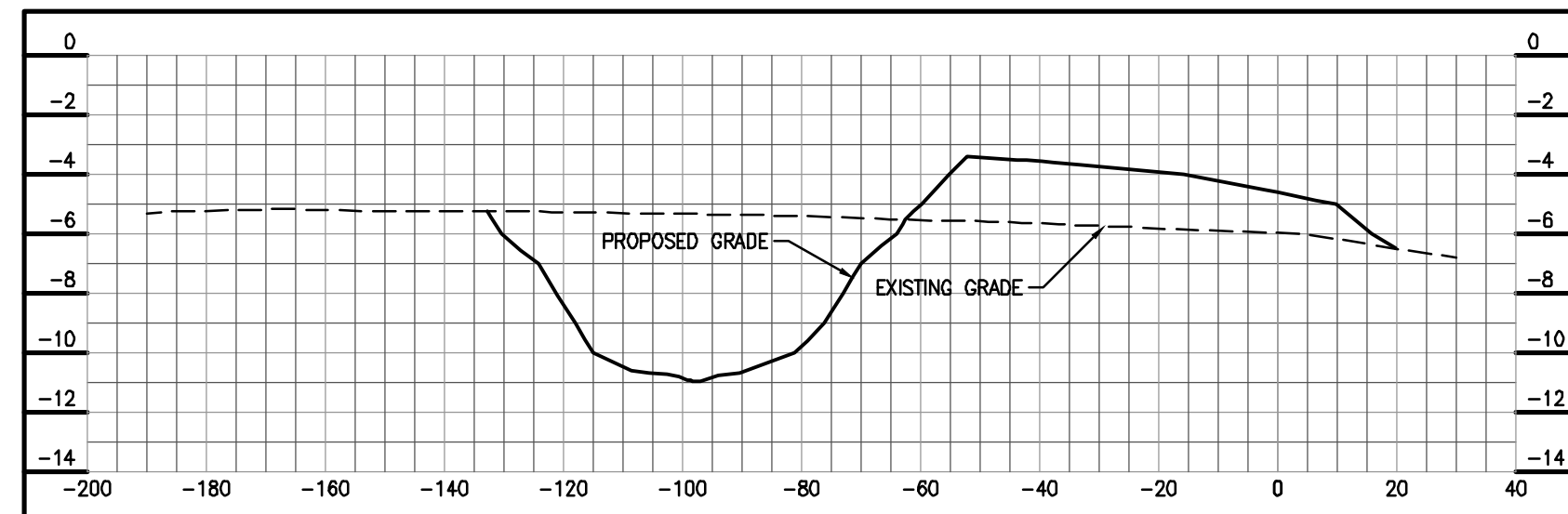
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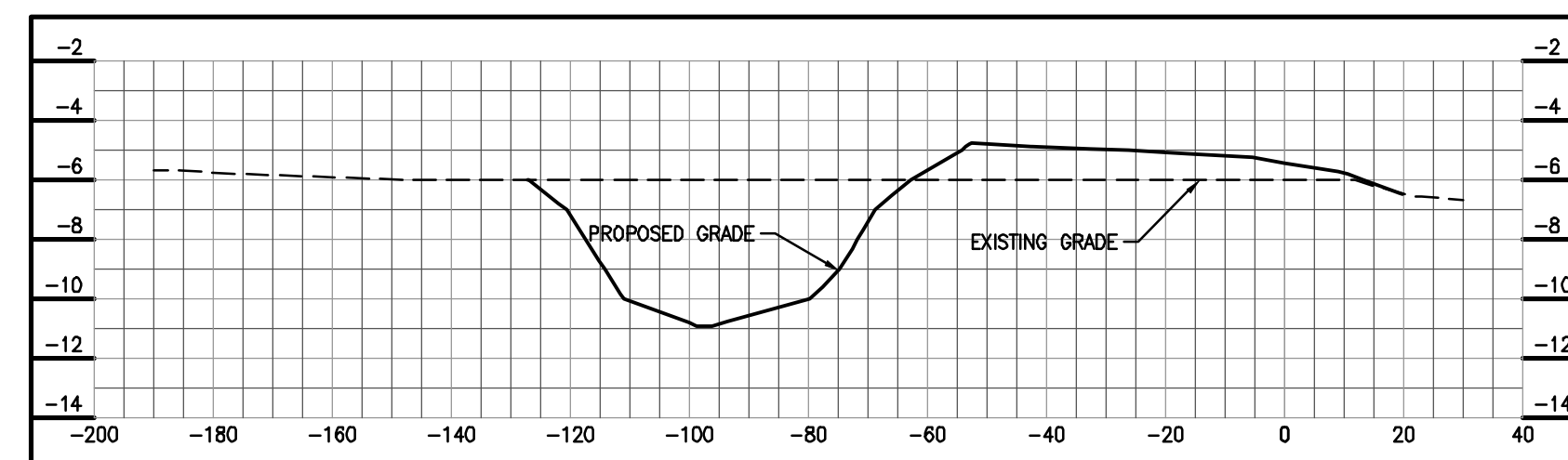
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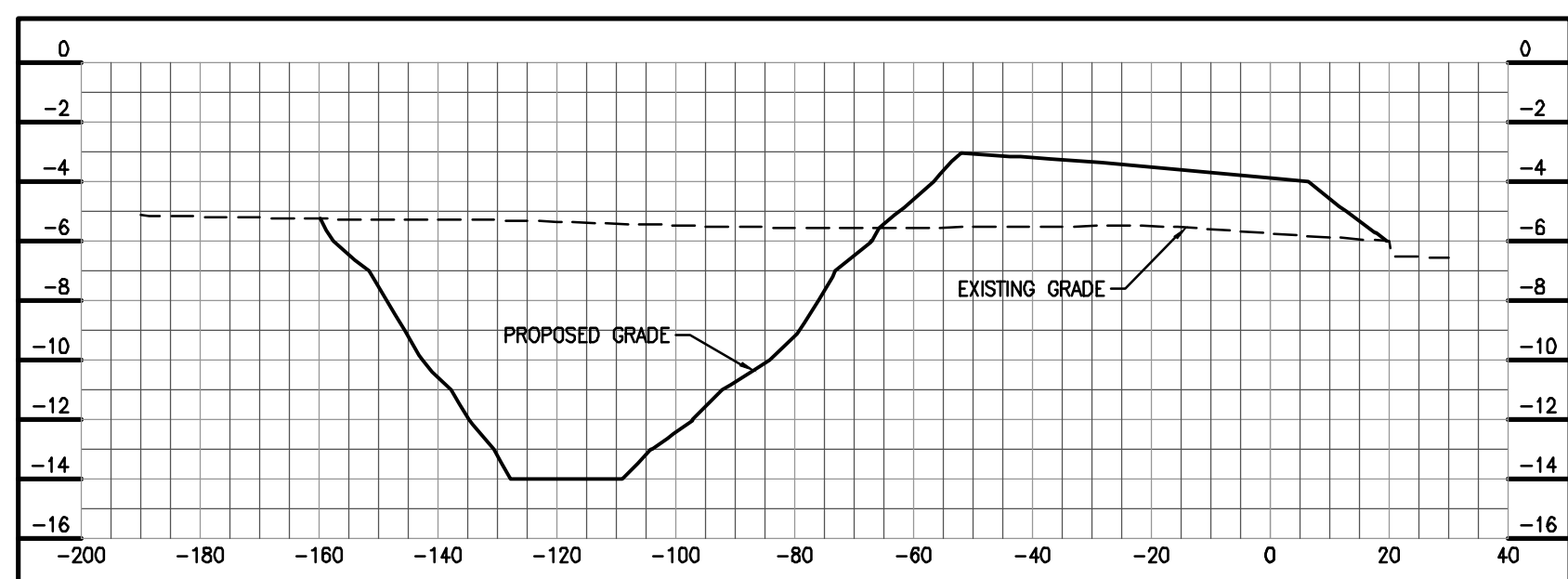
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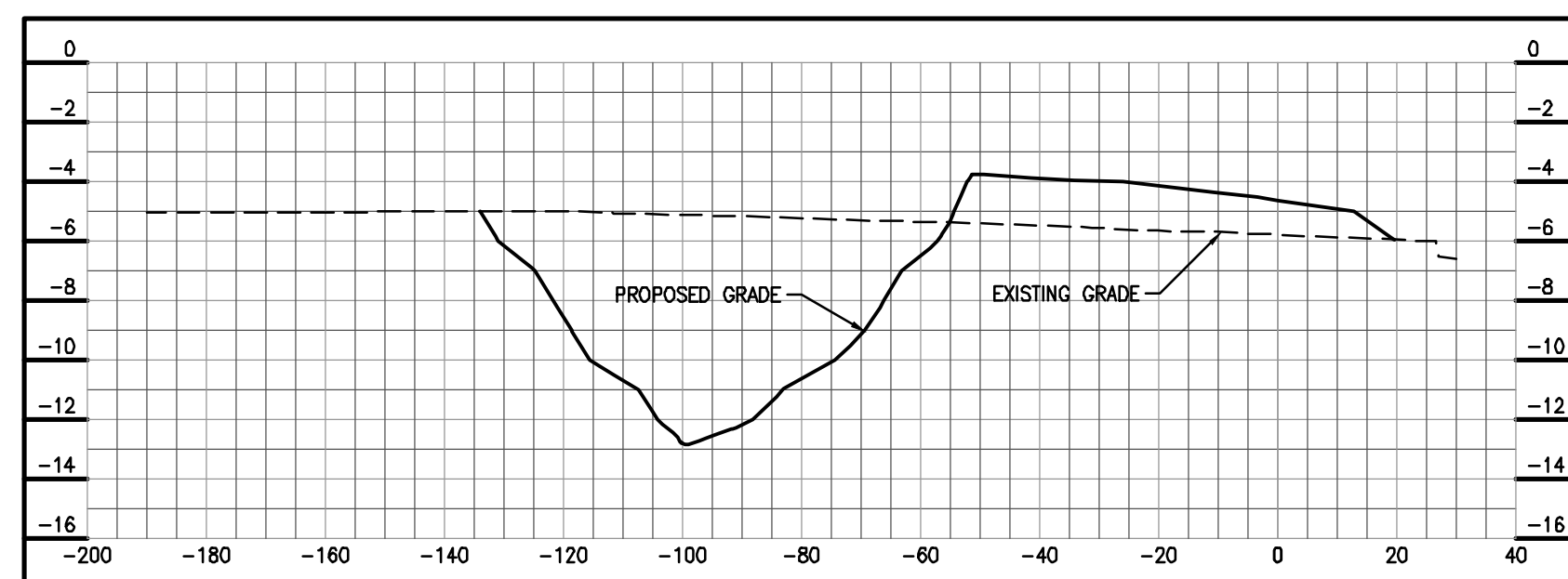
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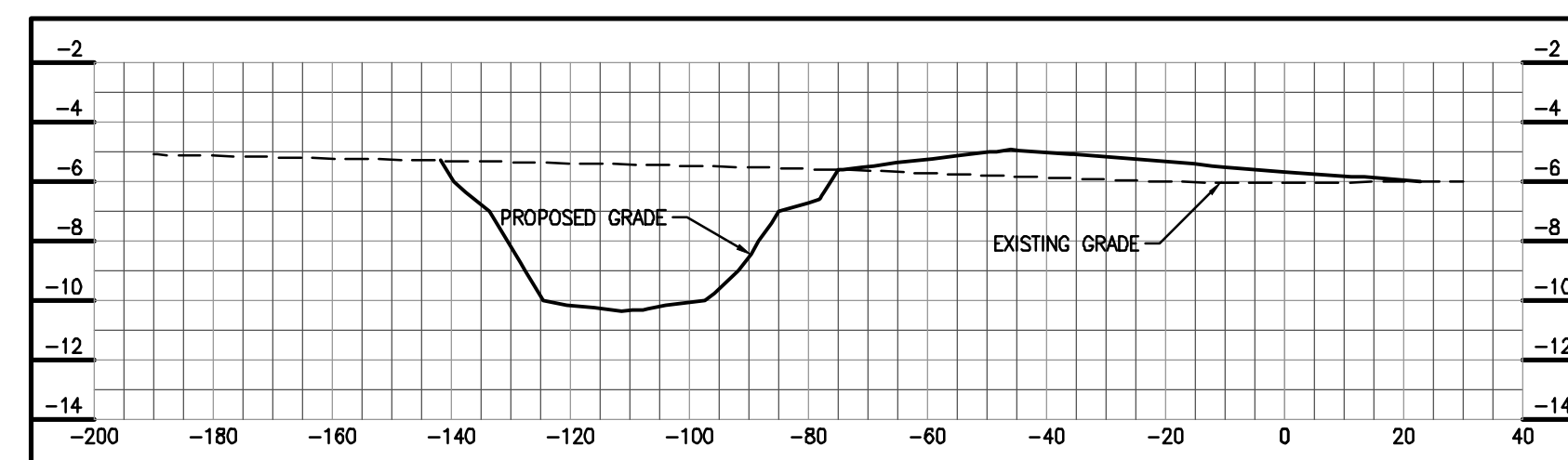
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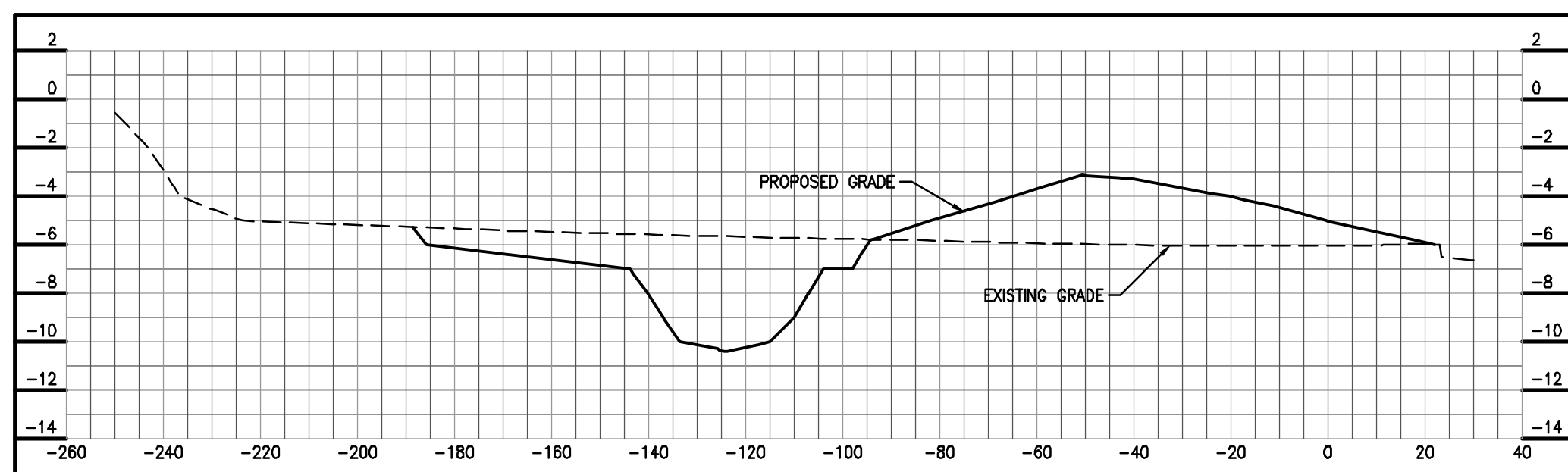
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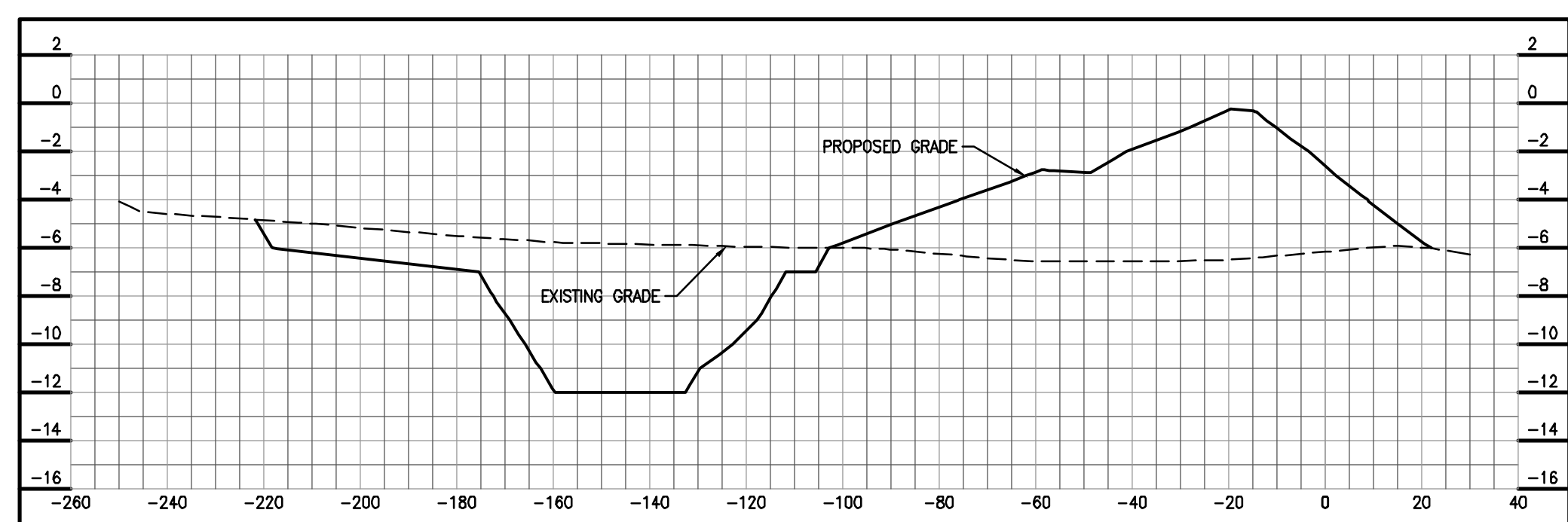
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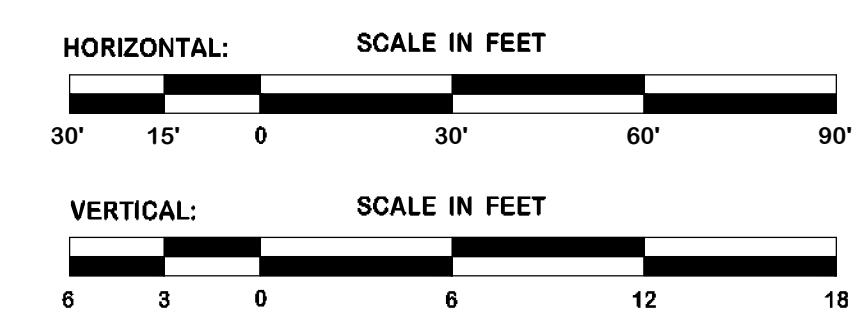
37+00.00



38+00.00



39+00.00





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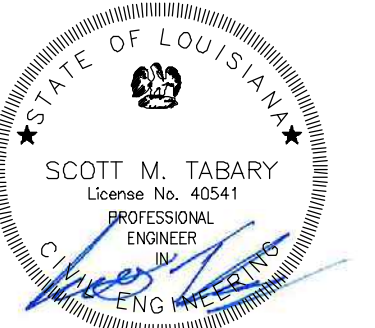
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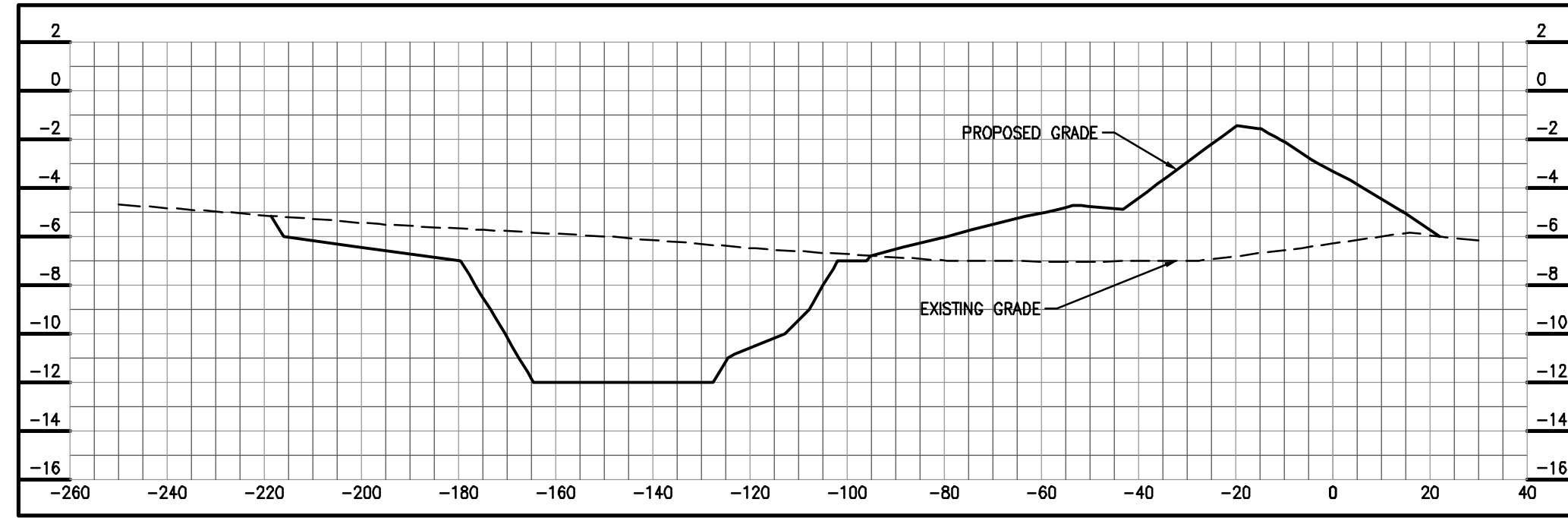


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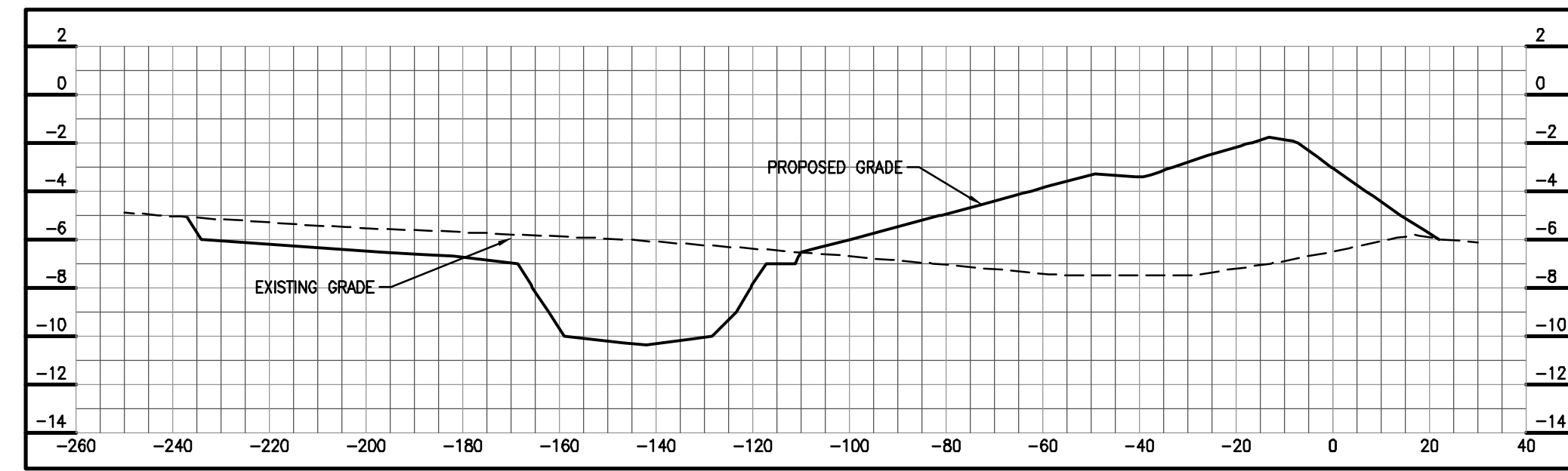
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 CHECKED BY: SMT
 APPROVED BY: SMT
 DATE: 12-30-2021
 PROJECT NO.: 21-965
 SHEET DESCRIPTION & NO.

SECTIONS 40+00 - 47+00

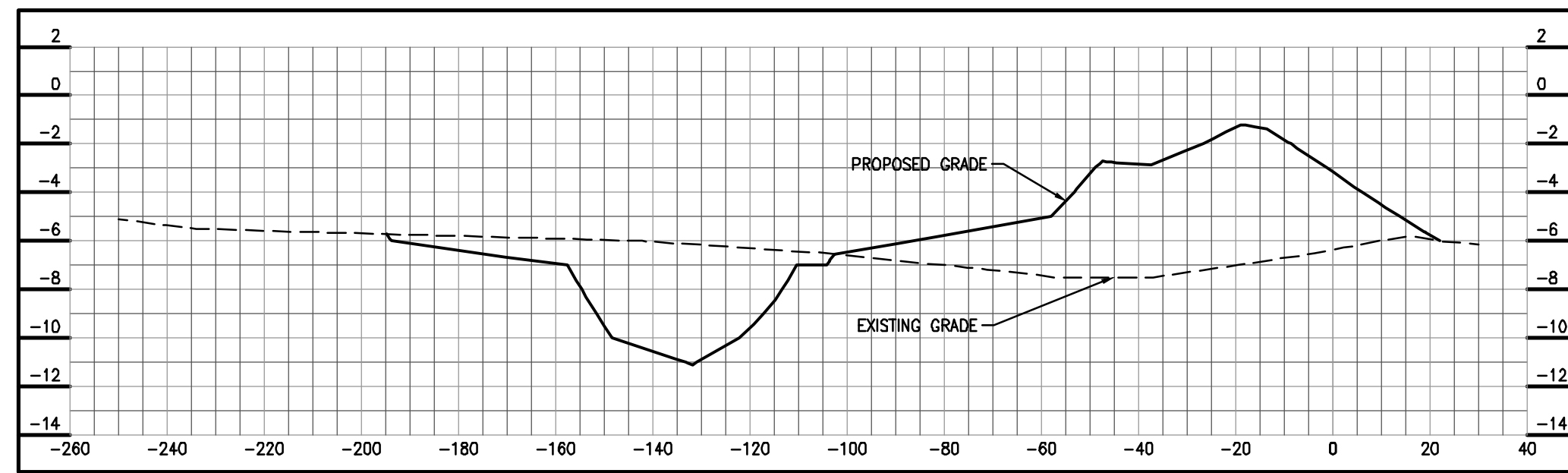
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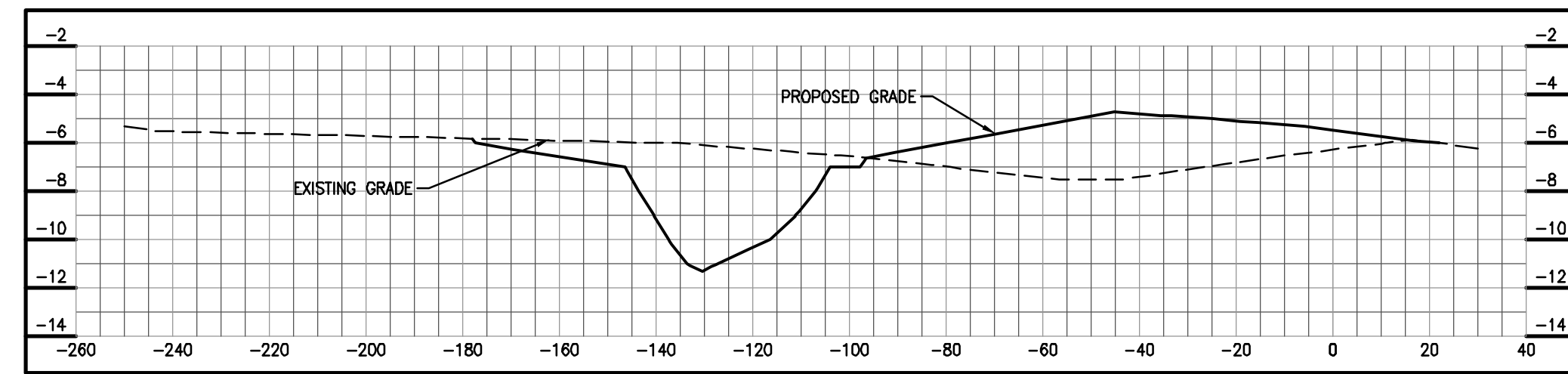
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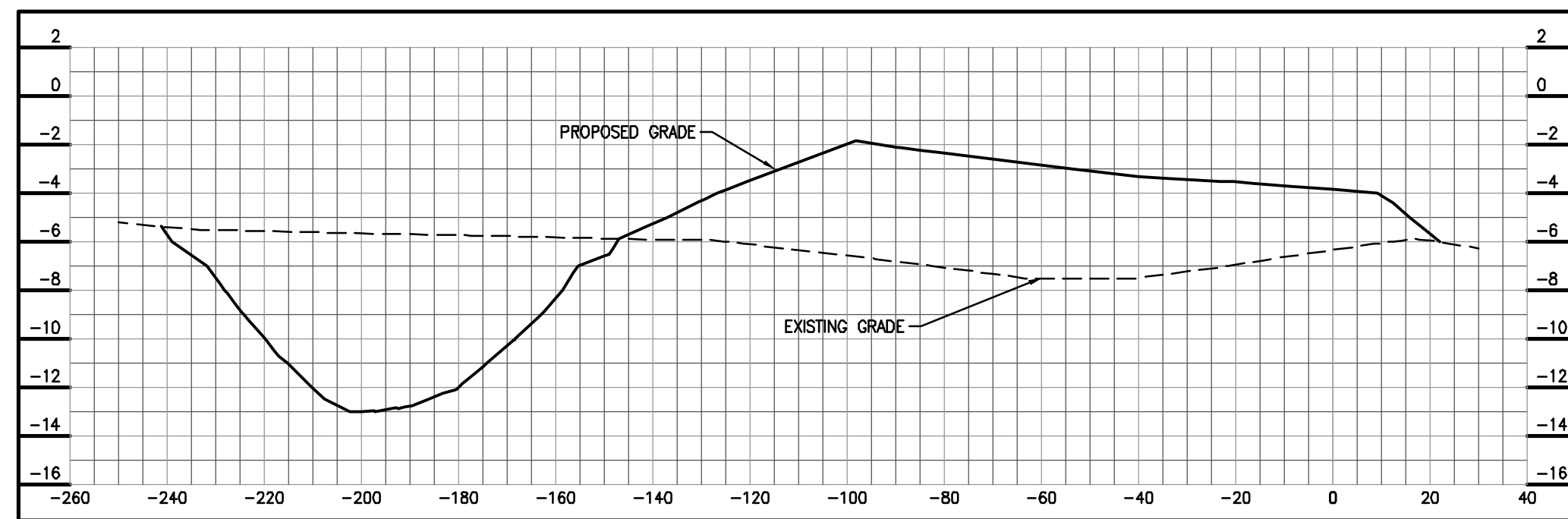
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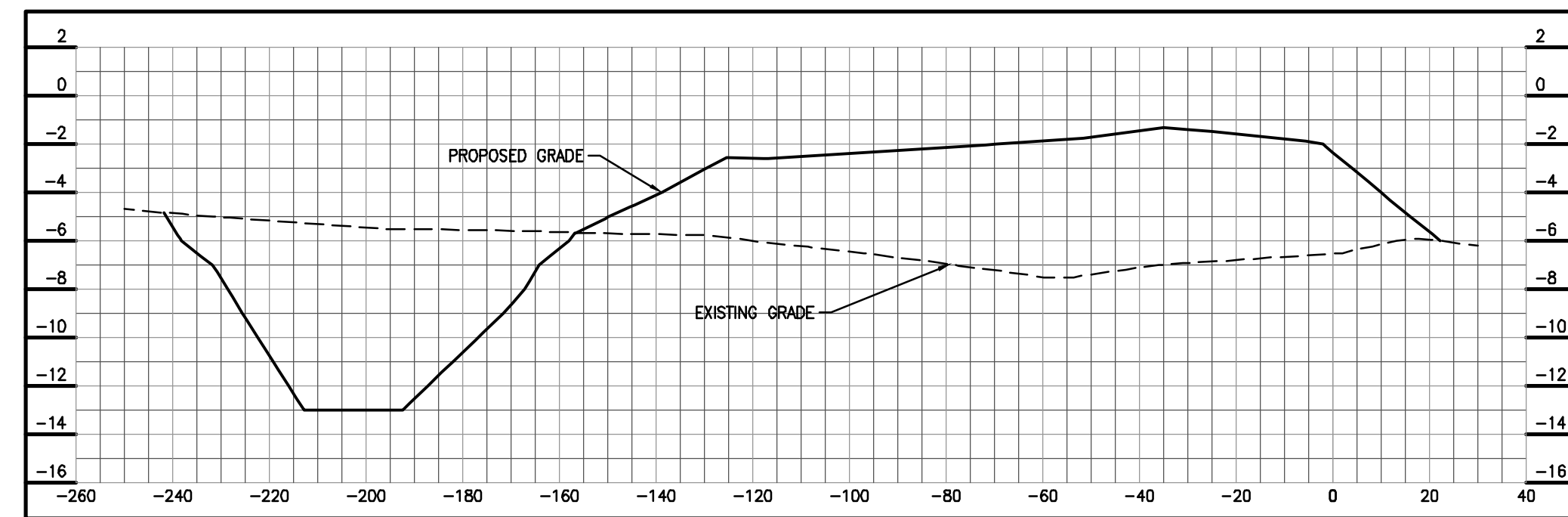
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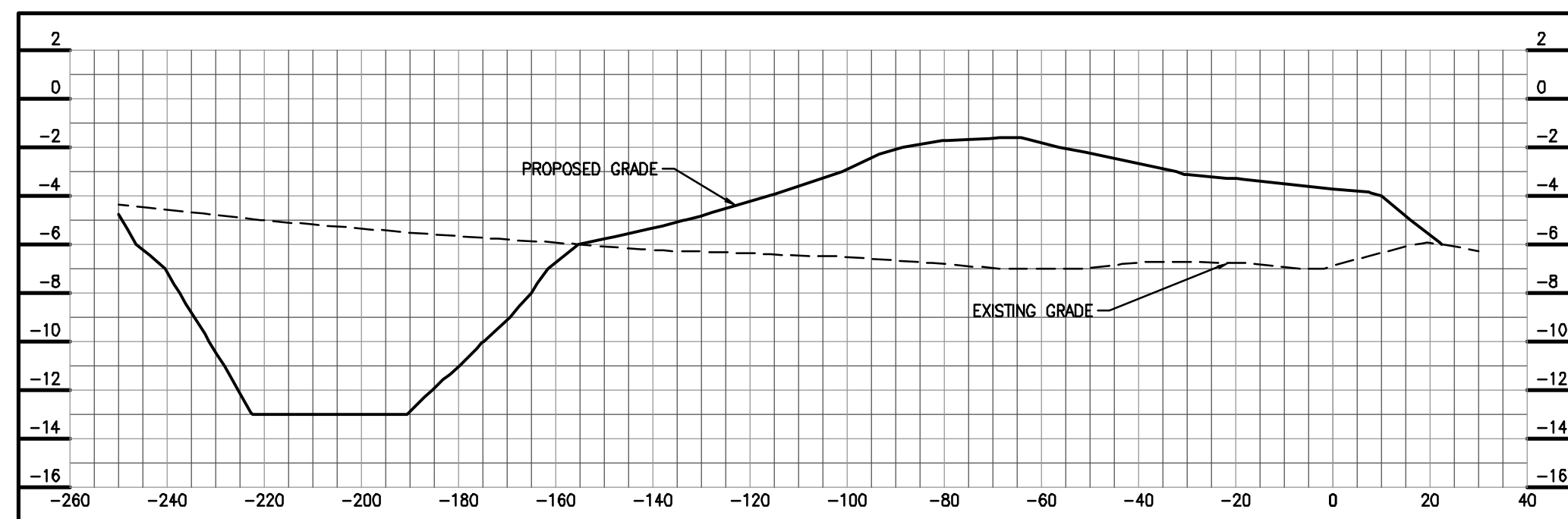
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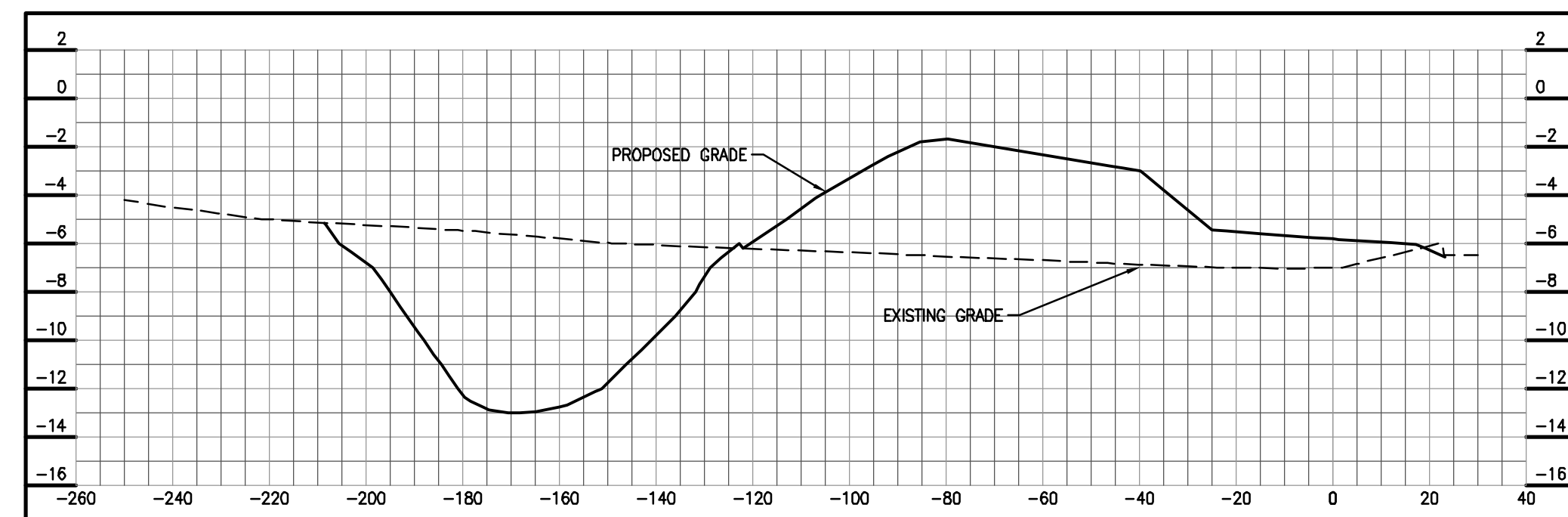
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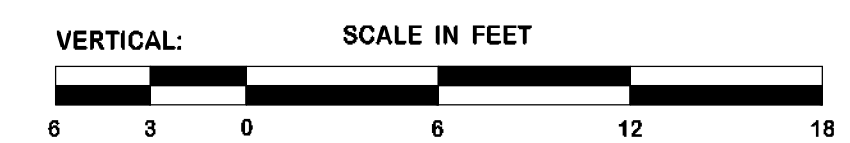
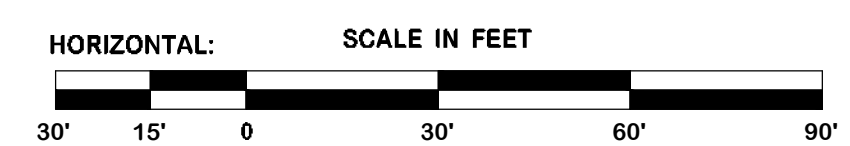
45+00.00



46+00.00



47+00.00





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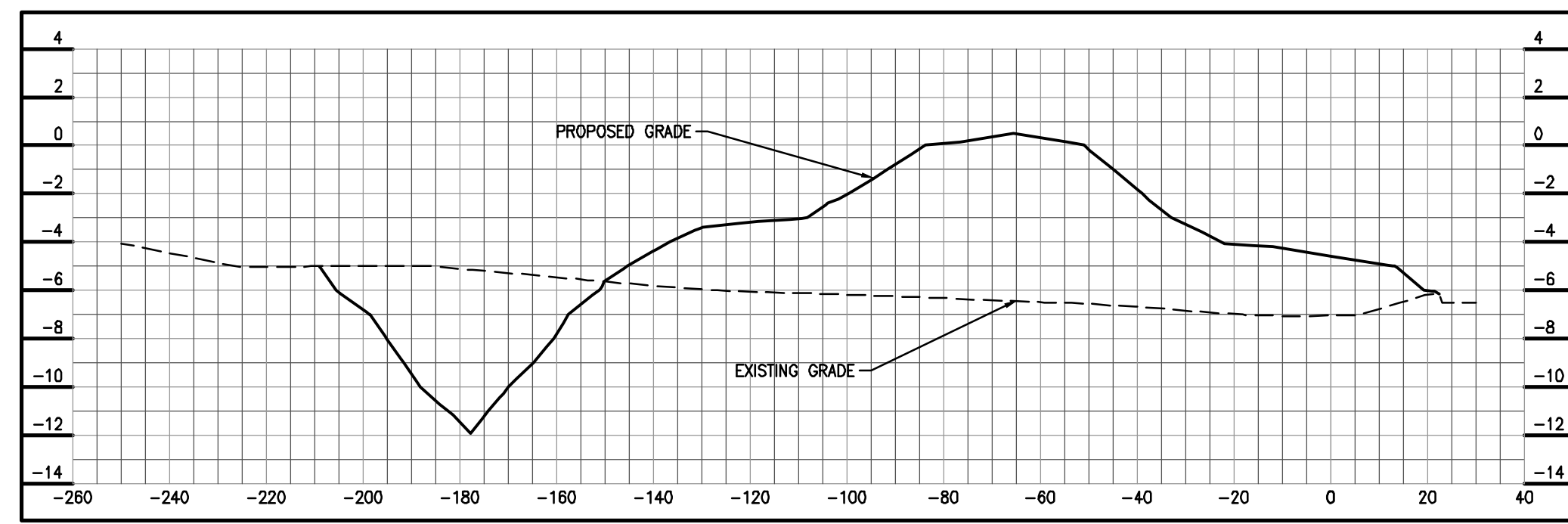
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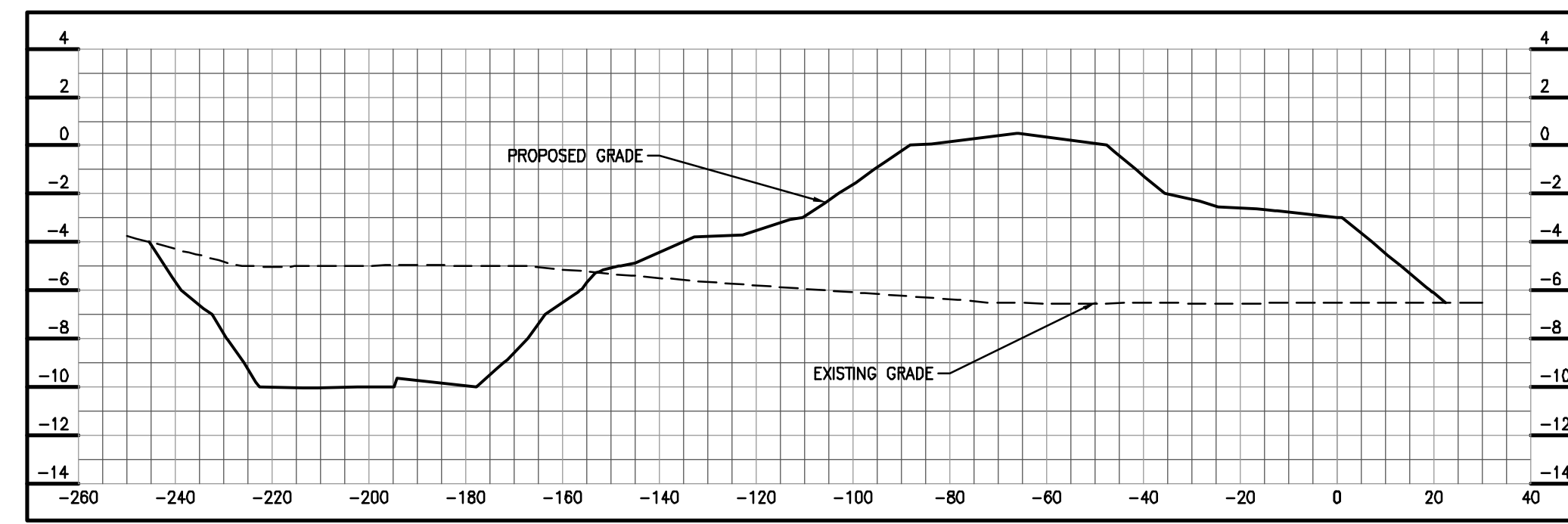
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CHECKED BY: SMT
APPROVED BY: SMT
DATE: 12-30-2021
PROJECT NO.: 21-965
SHEET DESCRIPTION & NO.

**SECTIONS
48+00 - 57+00**

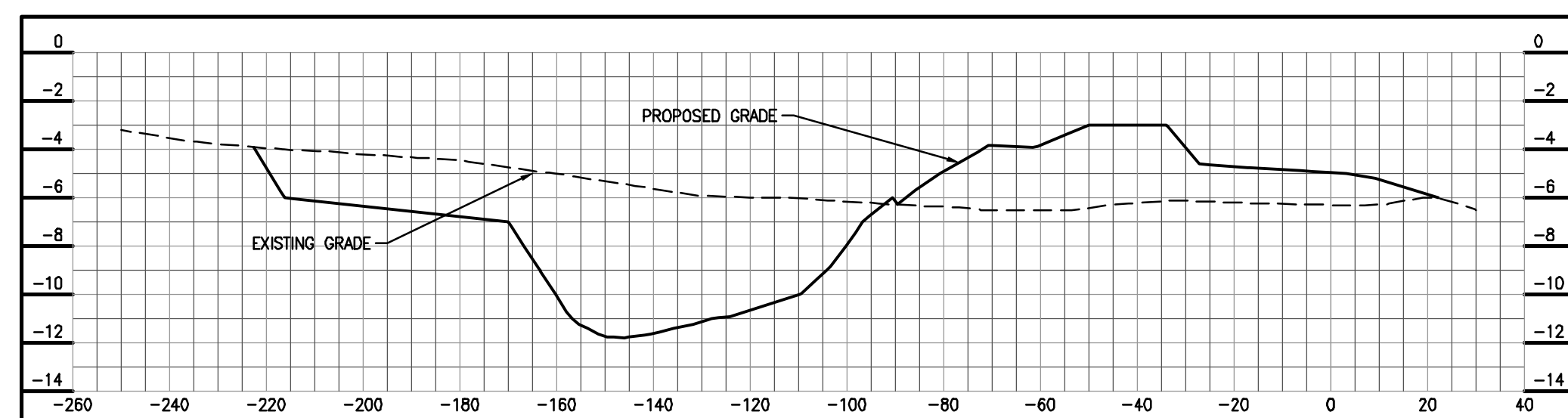
C-2.5



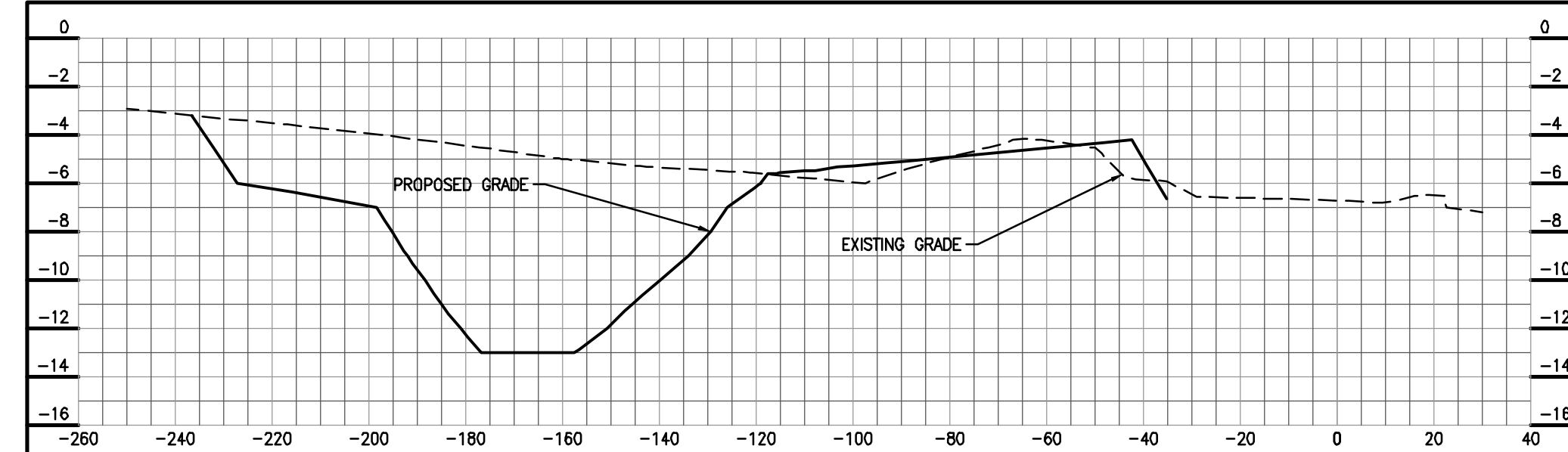
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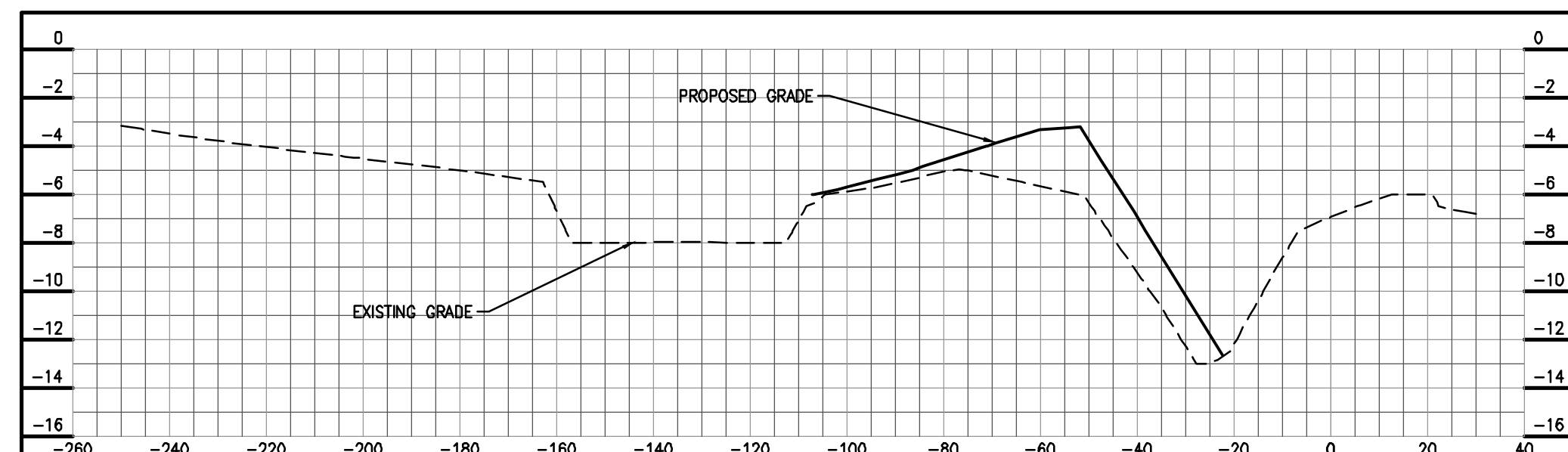
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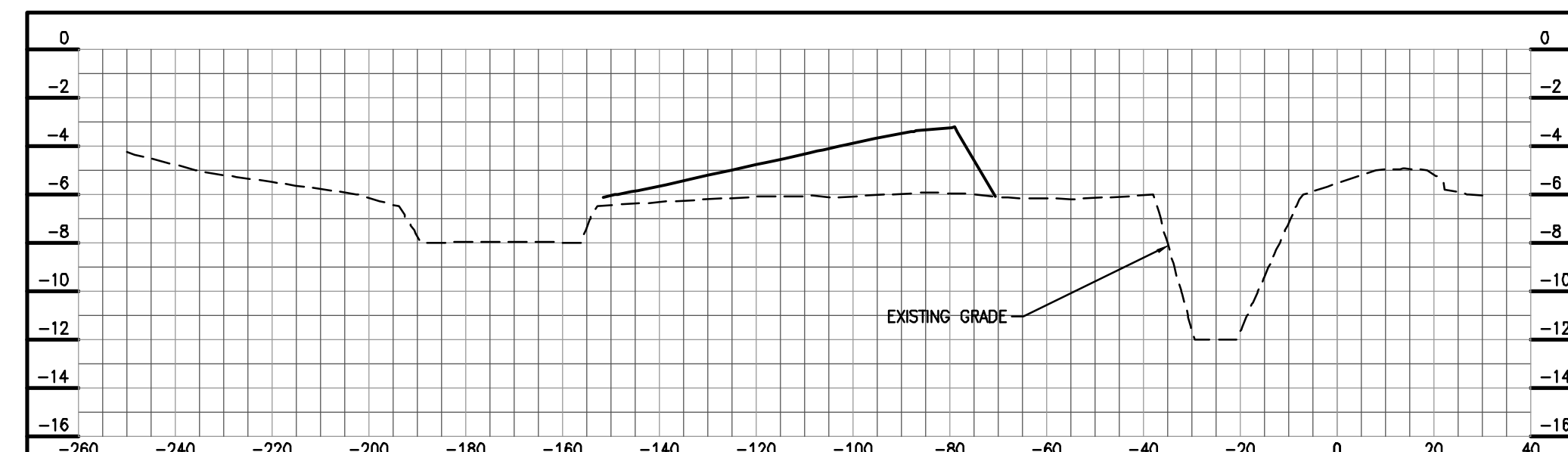
50+00.00



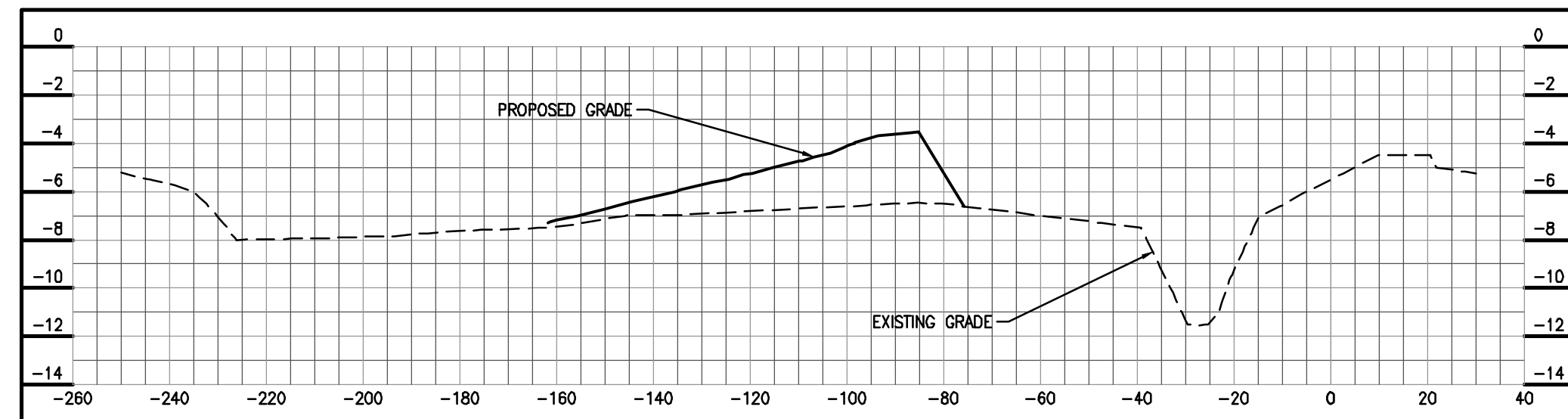
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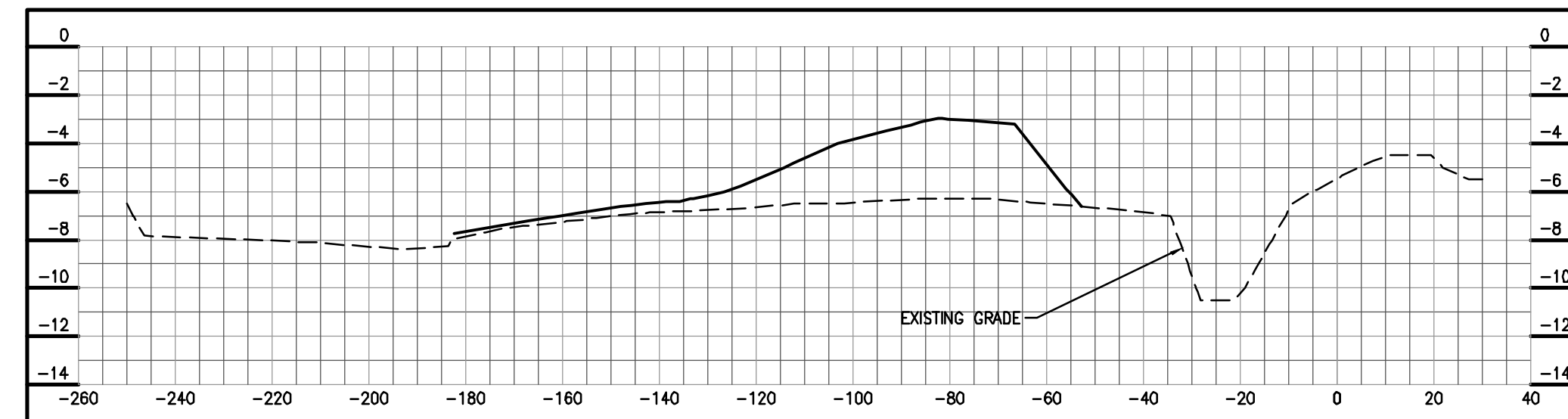
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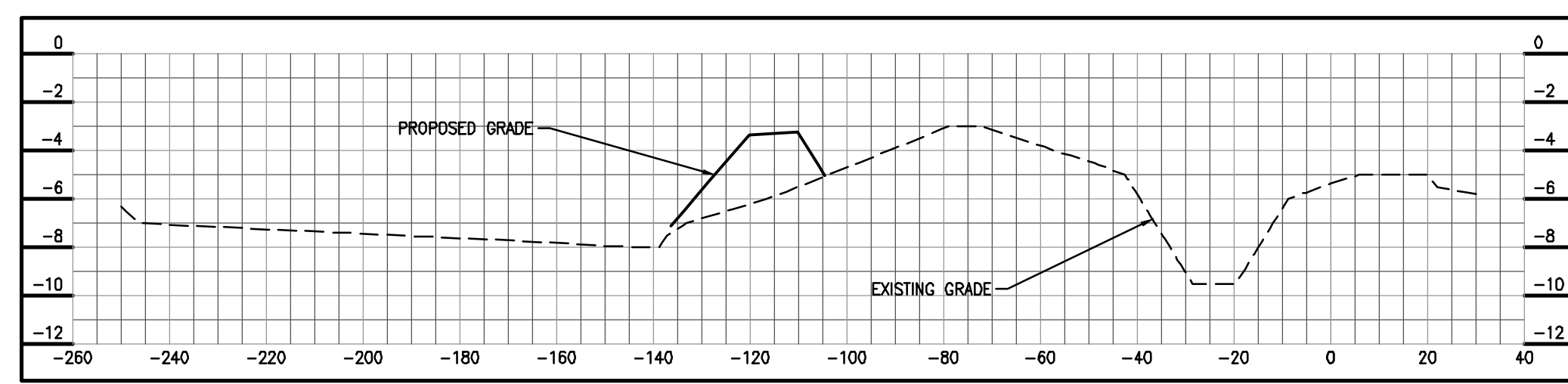
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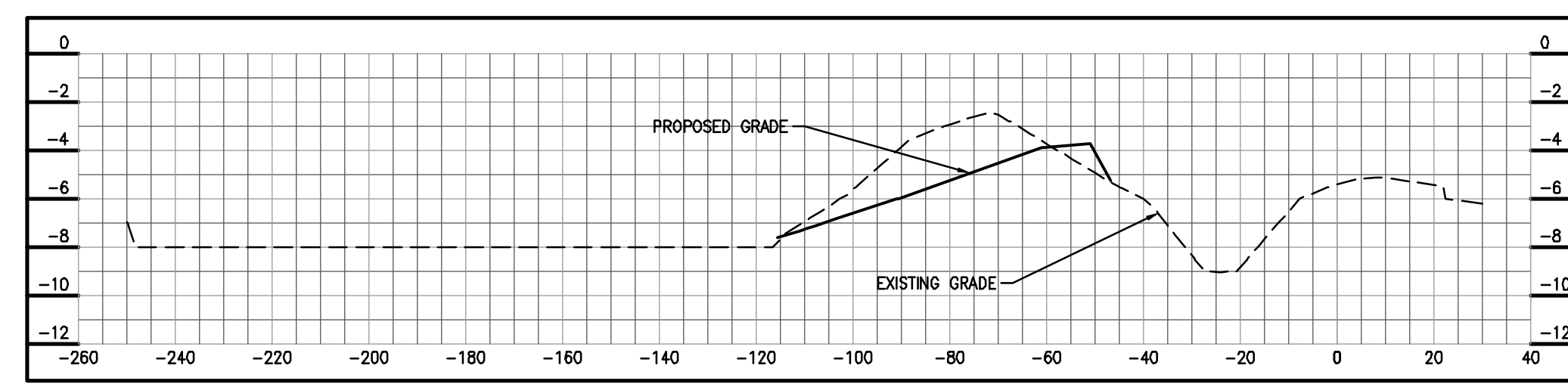
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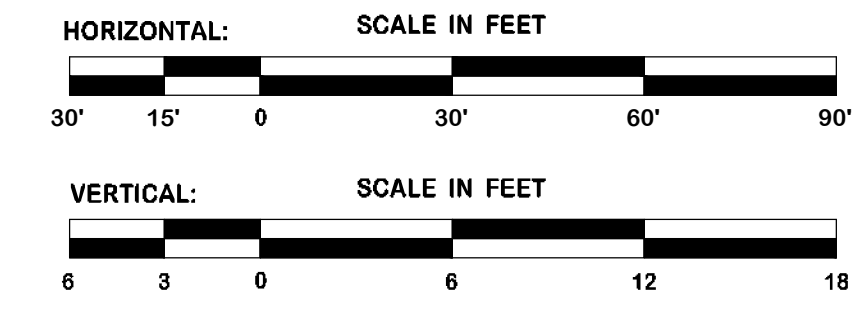
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56+00.00



57+00.00





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DRAWN BY: JH

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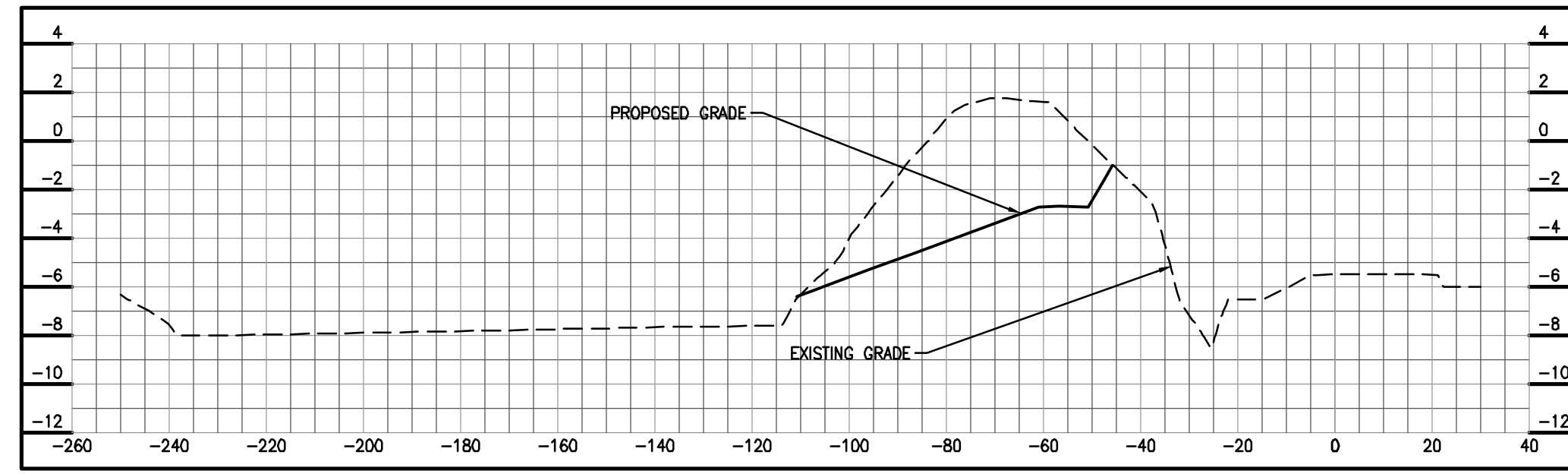
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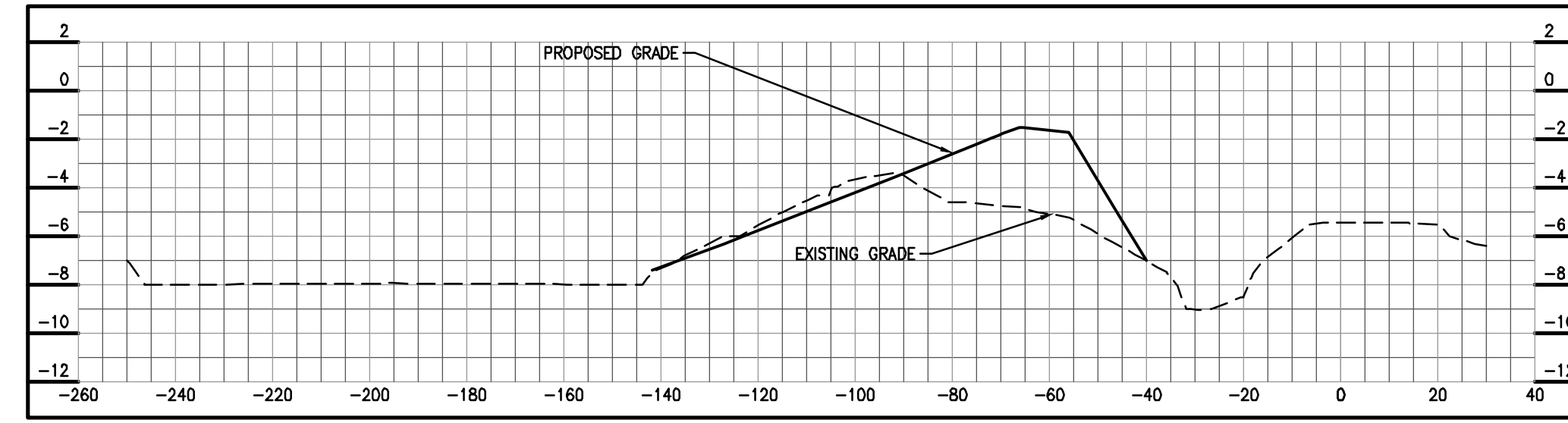
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SECTIONS
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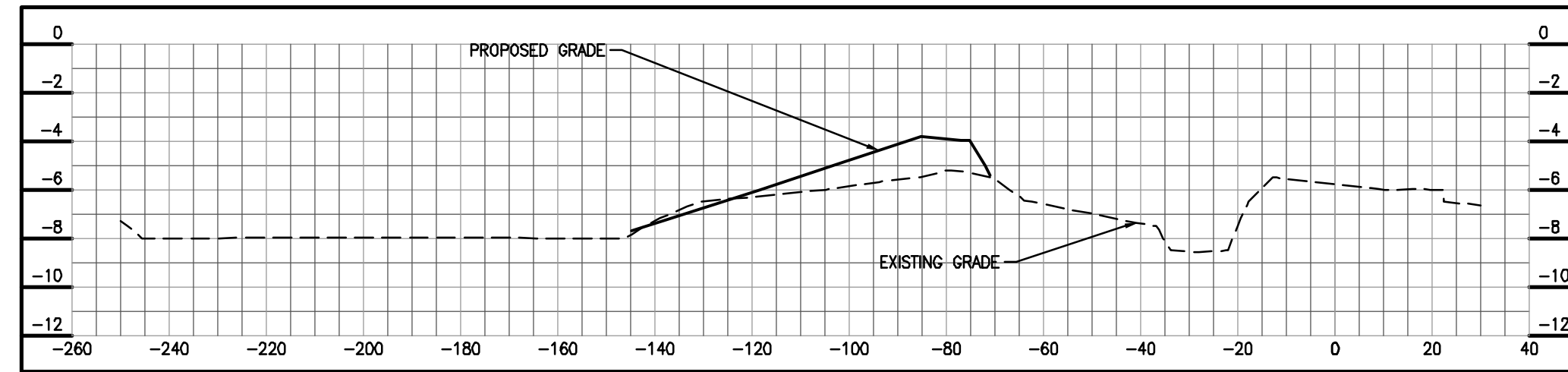
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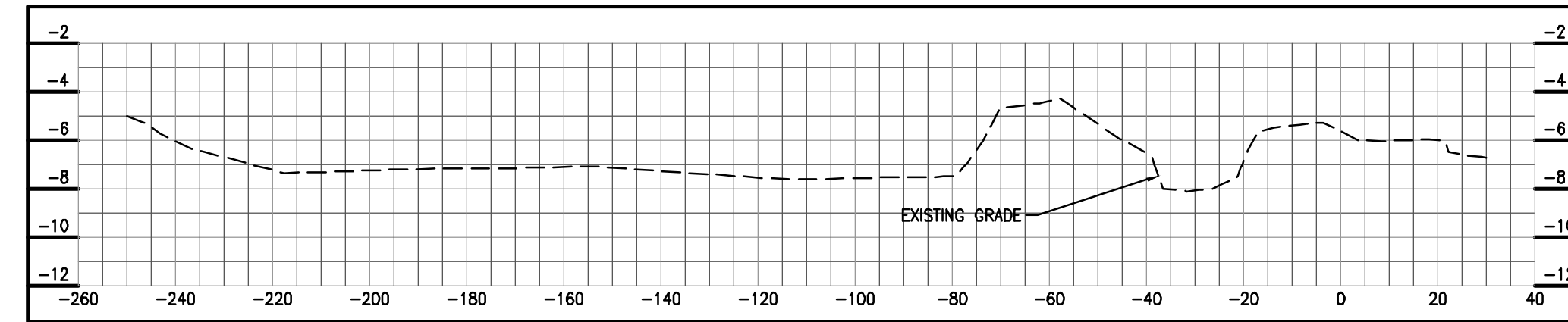
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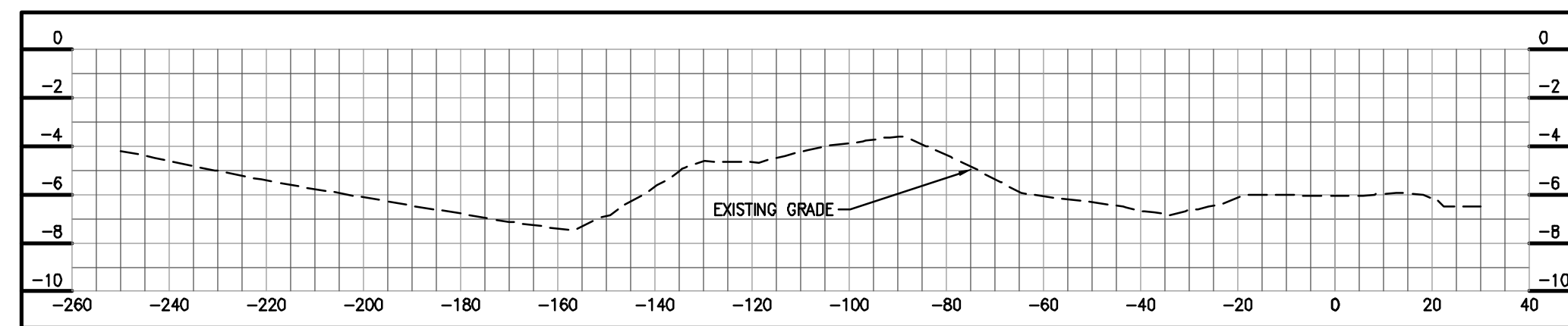
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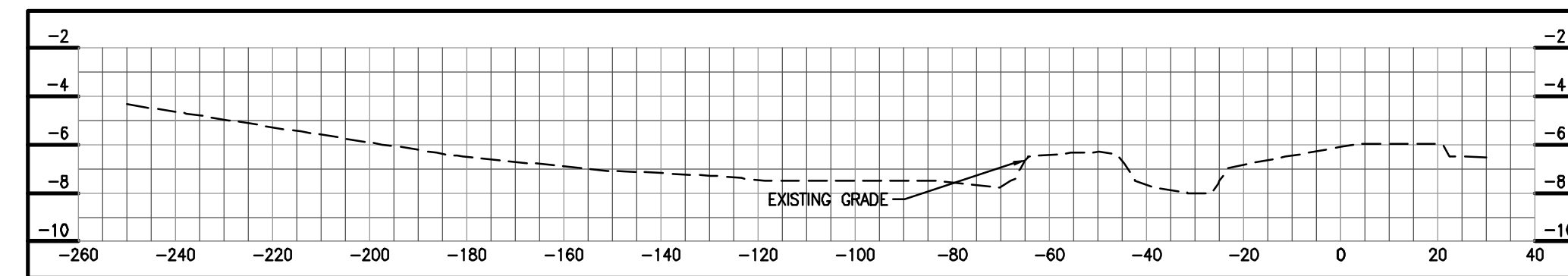
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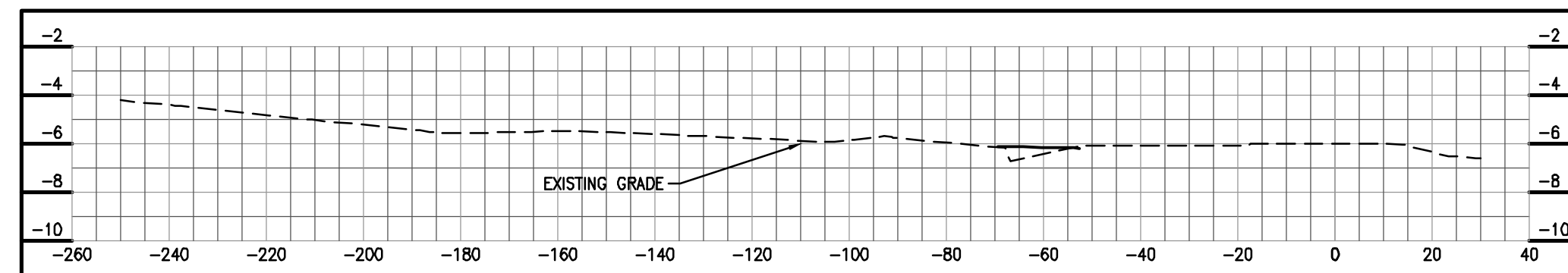
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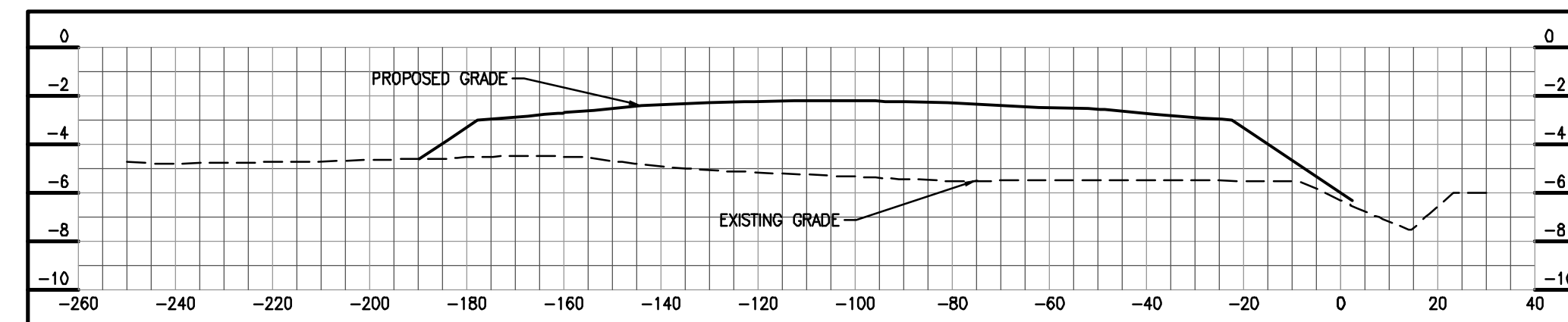
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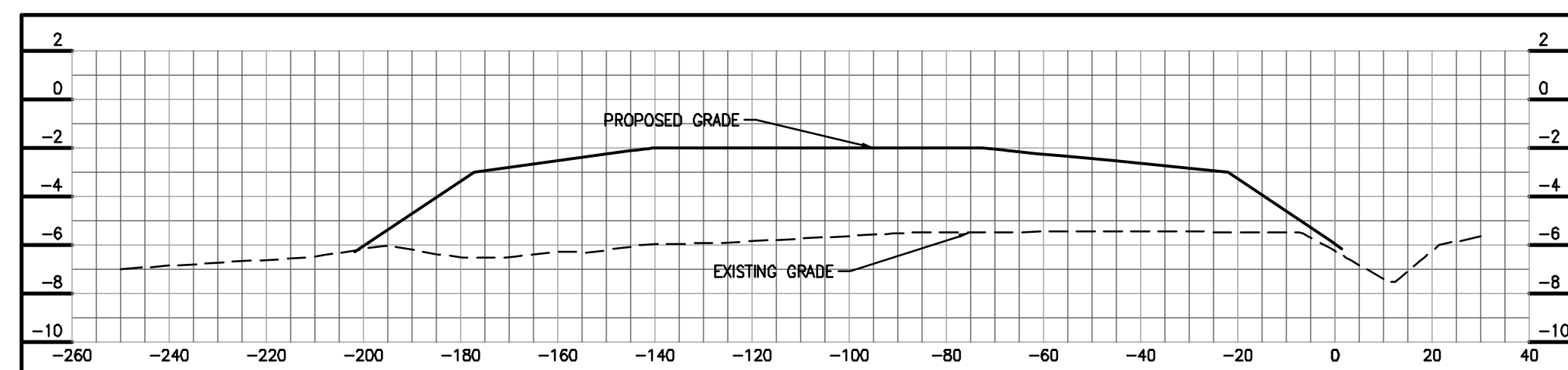
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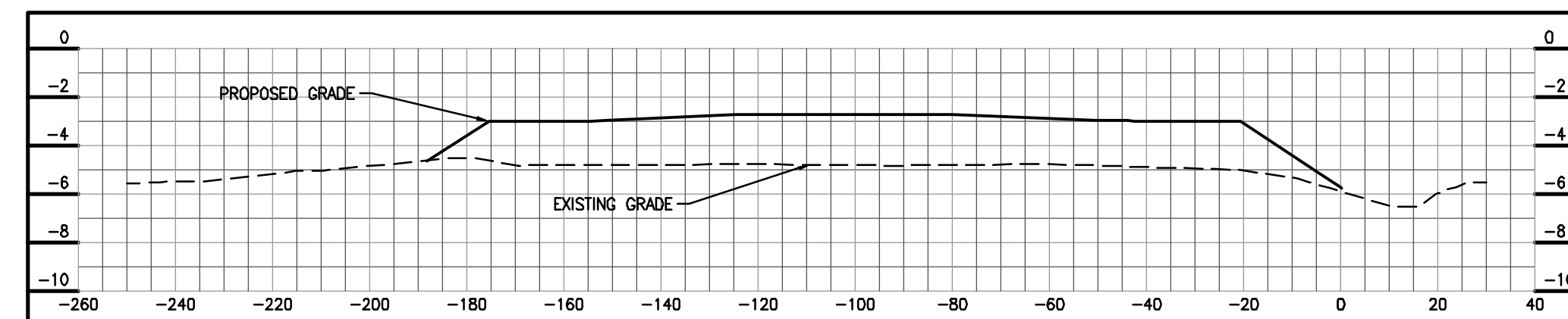
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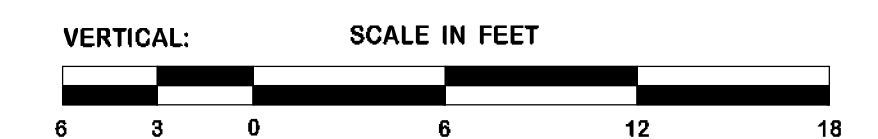
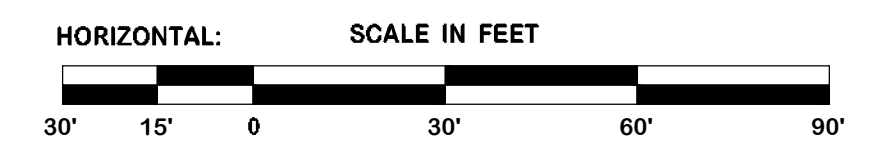
65+00.00



66+00.00



67+00.00



LEGEND - EXISTING

C	UNDERGROUND CABLE TV LINE	D	DRAIN MANHOLE
SIZE D	DRAIN LINE	E	ELECTRIC MANHOLE
E	UNDERGROUND ELECTRIC LINE	S	SEWER MANHOLE
FO	UNDERGROUND FIBER OPTIC LINE	W	WATER MANHOLE
SIZE G	GAS MAIN	WM	WATER METER
SIZE S	SEWER MAIN	WV	WATER VALVE
T	UNDERGROUND TELEPHONE LINE	GV	GAS VALVE
SIZE W	WATER LINE	CP	CABLE PEDESTAL
OHE	OVERHEAD ELECTRIC LINE	TP	TELEPHONE PEDESTAL
	MOUNTABLE CATCH BASIN	PP	POWER POLE
	DROP INLET	LP	LIGHT POLE
	VERTICAL CATCH BASIN	MB	MAIL BOX
		FH	FIRE HYDRANT
		S	SIGN

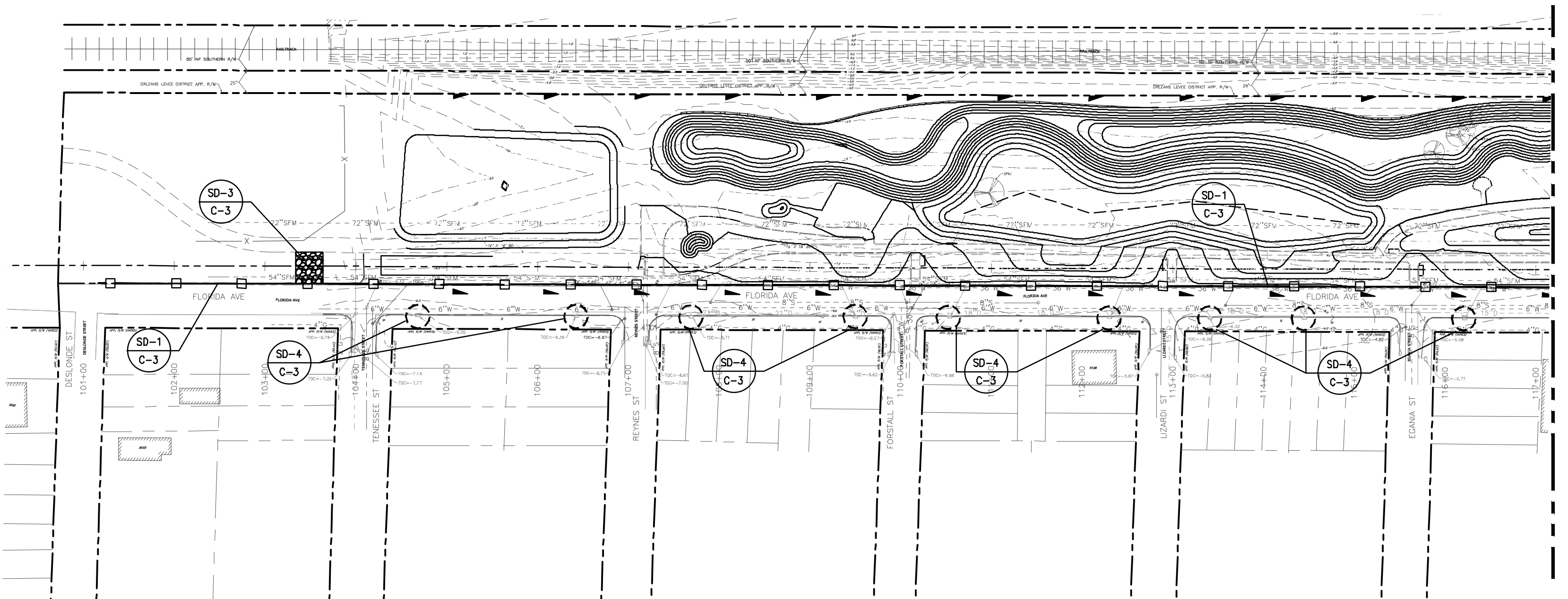
LEGEND - NEW IMPROVEMENTS

	SD-1	SILT FENCE
	SD-2	DIVERSION DITCH
	SD-3	TEMPORARY STONE CONSTRUCTION EXIT
	SD-4	INLET PROTECTION
	S	DIRECTION OF OVERLAND FLOW
	-17-	PROPOSED CONTOUR
	-	PROPERTY LINE
	-	LIMITS OF DISTURBANCE
	SD-0	REFERENCES LEGEND
	C-3	REFERENCES SHEET FOR DETAIL

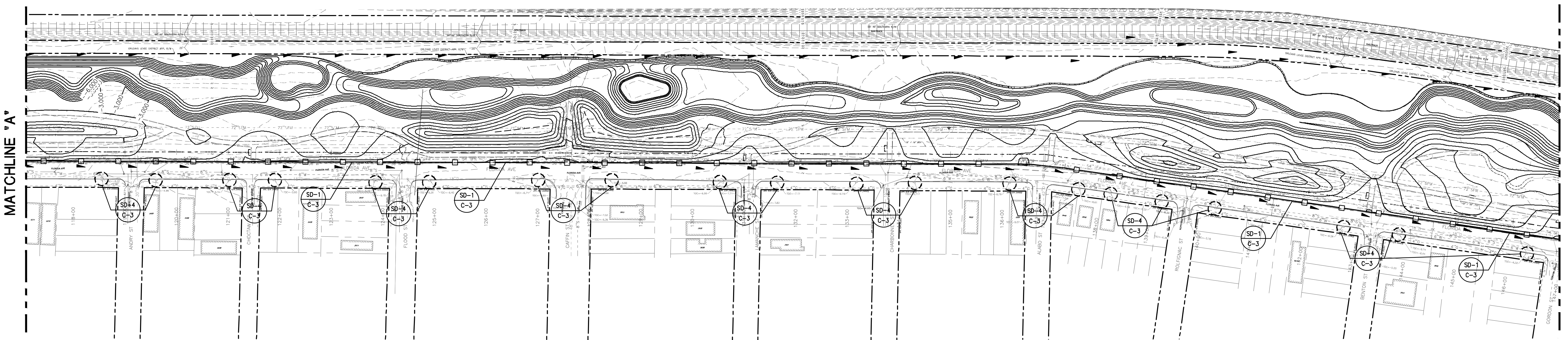
BMP MAINTENANCE EROSION NOTES:

ALL MEASURES STATED ON THIS SITE MAP, & IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION & SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT, & REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

1. INLET PROTECTION DEVICES & BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.
2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, & RESEED AS NEEDED.
3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
4. THE CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION EXITS AS CONDITIONS DEMAND.
5. THE TEMPORARY PARKING & STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING & STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AREA AS CONDITIONS DEMAND.
6. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITION AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 50%.
7. PRIOR TO LEAVING THE SITE, ALL VEHICLES SHALL BE CLEANED OF DEBRIS. ANY DEBRIS &/OR SEDIMENT REACHING THE PUBLIC STREET SHALL BE CLEANED IMMEDIATELY BY A METHOD OTHER THAN FLUSHING.

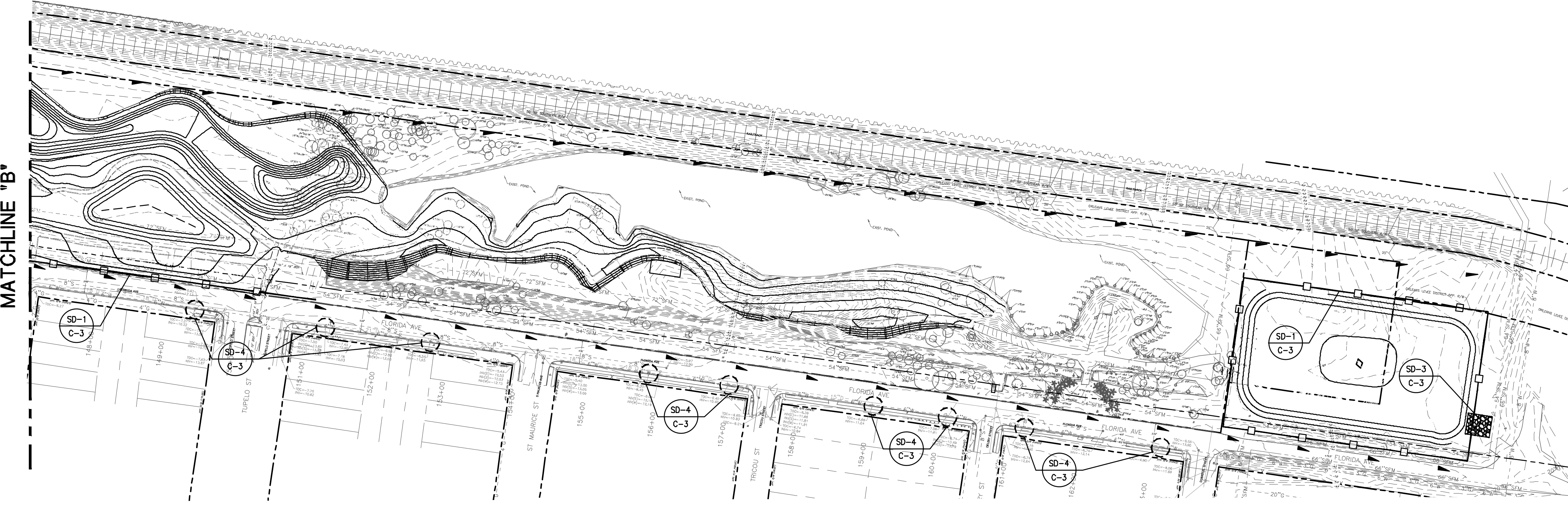


MATCHLINE "A"



MATCHLINE "A"

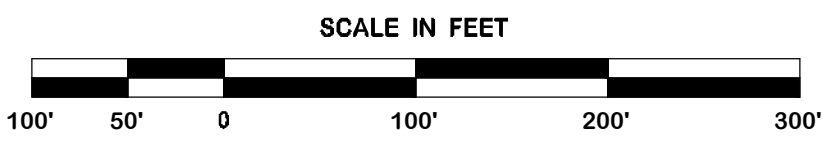
MATCHLINE "B"



MATCHLINE "B"

EROSION CONTROL NOTES:

1. SEDIMENT & EROSION CONTROL FACILITIES & STORM DRAINAGE FACILITIES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
2. CONTRACTOR SHALL MAINTAIN EROSION CONTROL FACILITIES DURING THE ENTIRE CONSTRUCTION PERIOD. FACILITIES ARE NOT TO BE REMOVED UNTIL COMPLETION OF THE PROJECT.
3. ADDITIONAL DEVICES MAY BE REQUIRED AS DEEMED NECESSARY BY GOVERNING AUTHORITIES.
4. SILT FENCES SHALL BE CLEANED OR REPLACED WHEN SILT BUILDS UP TO 1" FROM THE BOTTOM OF THE FENCE.
5. EROSION CONTROL MEASURES ARE TO BE INSPECTED WEEKLY & AFTER EACH RAINFALL & REPAIRED AS NECESSARY.
6. ALL GRADED AREAS SHALL BE STABILIZED WITH A PERMANENT FAST GROWING COVER &/OR MULCH UPON COMPLETION OF GRADING OPERATIONS. COMPLETION OF GRADING OPERATIONS DOES NOT MEAN AT THE END OF THE PROJECT. AS SOON AS FINAL GRADES ARE ESTABLISHED IN AN UNPAVED AREA, THE CONTRACTOR SHALL STABILIZE WITH A TEMPORARY GRASS OR PERMANENT SOD. IF A TEMPORARY GRASS IS APPLIED, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO APPLY A PERMANENT SEED OR SOD AT THE PROPER TIME OF YEAR.
7. FULL SLOPES SHOULD BE PLANTED AS SOON AS AN AREA OF THE SITE IS BROUGHT TO FINAL GRADE. SURFACE RUNOFF SHALL BE INTERCEPTED AT THE TOP OF TEMPORARY & PERMANENT SLOPES DURING CONSTRUCTION SO THAT WATER IS NOT ALLOWED TO FLOW OVER THE SLOPE FACE.
8. THE GENERAL CONTRACTOR & THE GRADING CONTRACTOR SHALL REVIEW THEIR GRADING SEQUENCE TO INSURE THAT THE LEAST AMOUNT OF LAND POSSIBLE AT ANY ONE TIME IS DISTURBED WITHOUT PERMANENT STABILIZATION.
9. CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION ENTRANCES PRIOR TO ANY EARTHWORK OPERATIONS.
10. CONTRACTOR SHALL MAINTAIN SILT FENCES FOR THE DURATION OF THE PROJECT UNTIL ACCEPTED BY THE OWNER AT NO EXPENSE TO OWNER.
11. CONTRACTOR SHALL INSPECT ON A DAILY BASIS FOR NEEDED REMOVAL OF ANY ACCUMULATED SILTS, DEBRIS, OR REPAIR OF DAMAGED SILT FENCE AT NO ADDITIONAL EXPENSE TO OWNER.
12. PRIOR TO CONSTRUCTION, THE EROSION & SEDIMENT CONTROL MEASURES SHOWN HEREON SHALL BE IN PLACE. CLEARING & GRUBBING OPERATIONS WILL BE ENGAGED IN ONLY AS NECESSARY TO ALLOW THE PLACEMENT OF EROSION & SEDIMENT CONTROL MEASURES AS SHOWN HEREON UNTIL ALL SUCH MEASURES ARE IN PLACE.
13. LAND DISTURBING ACTIVITIES WILL BE KEPT TO A MINIMUM & WILL NOT EXTEND BEYOND THE LIMITS SHOWN.
14. SEDIMENT & EROSION CONTROL MEASURES WILL BE INSPECTED ON A DAILY BASIS & WILL BE REPAIRED, ADJUSTED & MAINTAINED AS NEEDED OR REQUIRED BY GOVERNING AGENCIES AT NO ADDITIONAL EXPENSE TO THE OWNER TO PROVIDE EROSION & SEDIMENT CONTROL FOR THE DURATION OF CONSTRUCTION & UNTIL ALL DISTURBED AREAS ARE STABILIZED.
15. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETING THE "FRAME CONTRACTOR CERTIFICATION" & "THE MONTHLY INSPECTION REPORT & CERTIFICATION FORM FOR EROSION & SEDIMENT CONTROLS" LOCATED IN THE SITING SPECIFICATIONS & SUBMITTING THE FORMS TO THE OFFICE OF POLLUTION CONTROL. THE CONTRACTOR SHALL ALSO CONSTRUCT THE SILT FENCE AS SHOWN AT THE PERIMETER OF THE SITE PRIOR TO LAND CLEARING ACTIVITIES.
16. ALL EROSION CONTROL MEASURES EXCEPT THE REQUIRED RIP RAP ARE TEMPORARY DEVICES. THESE TEMPORARY DEVICES SHALL BE REMOVED PRIOR TO COMPLETION OF CONSTRUCTION ONCE STABILIZATION OF ALL GRASSED AREAS ARE COMPLETE.



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ISSUE	DATE	DESCRIPTION

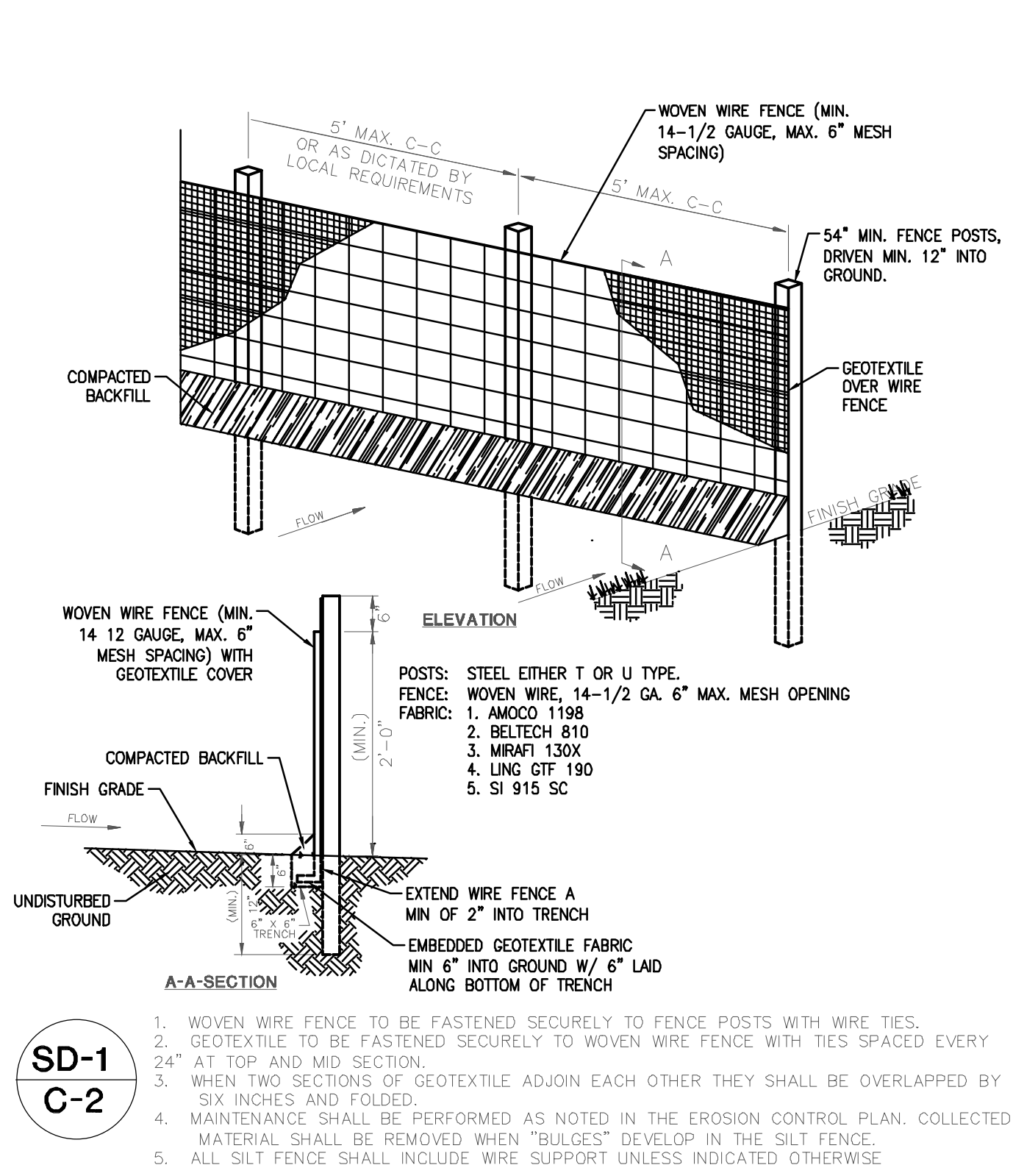
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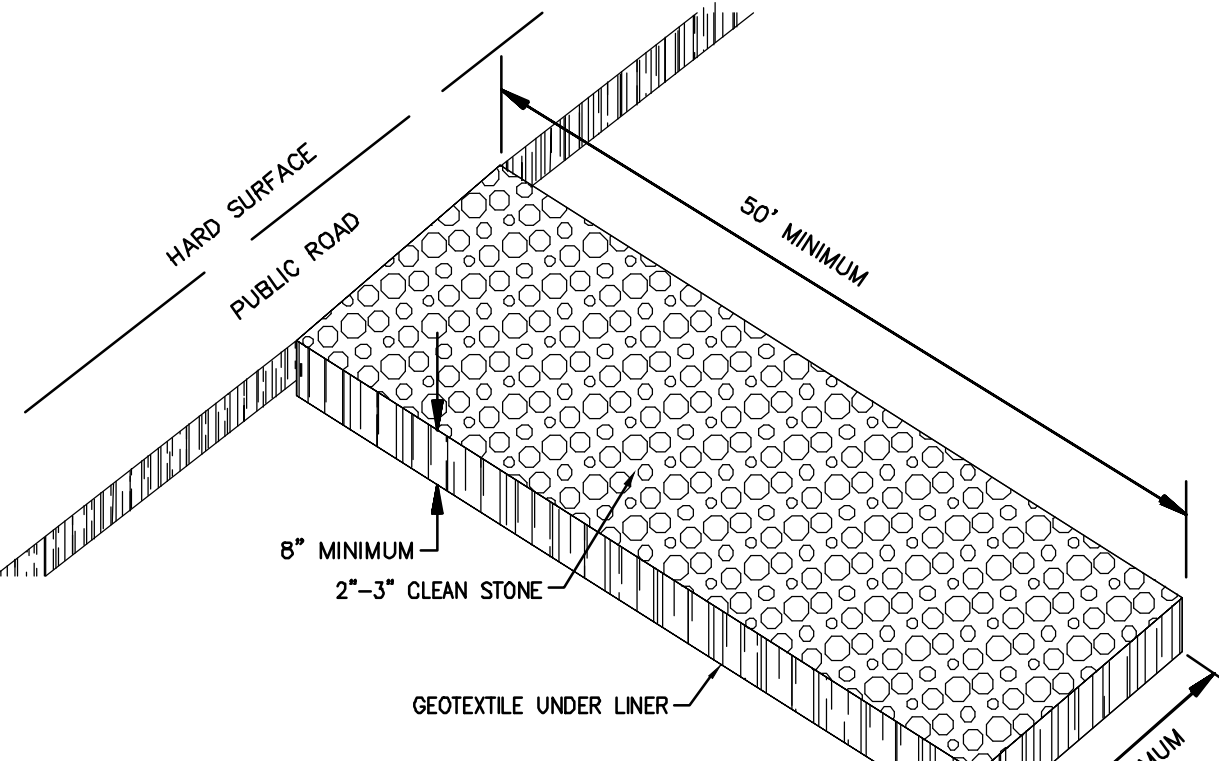
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CHECKED BY: _____
APPROVED BY: _____
DATE: _____
PROJECT NO: _____
SHEET DESCRIPTION & NO.

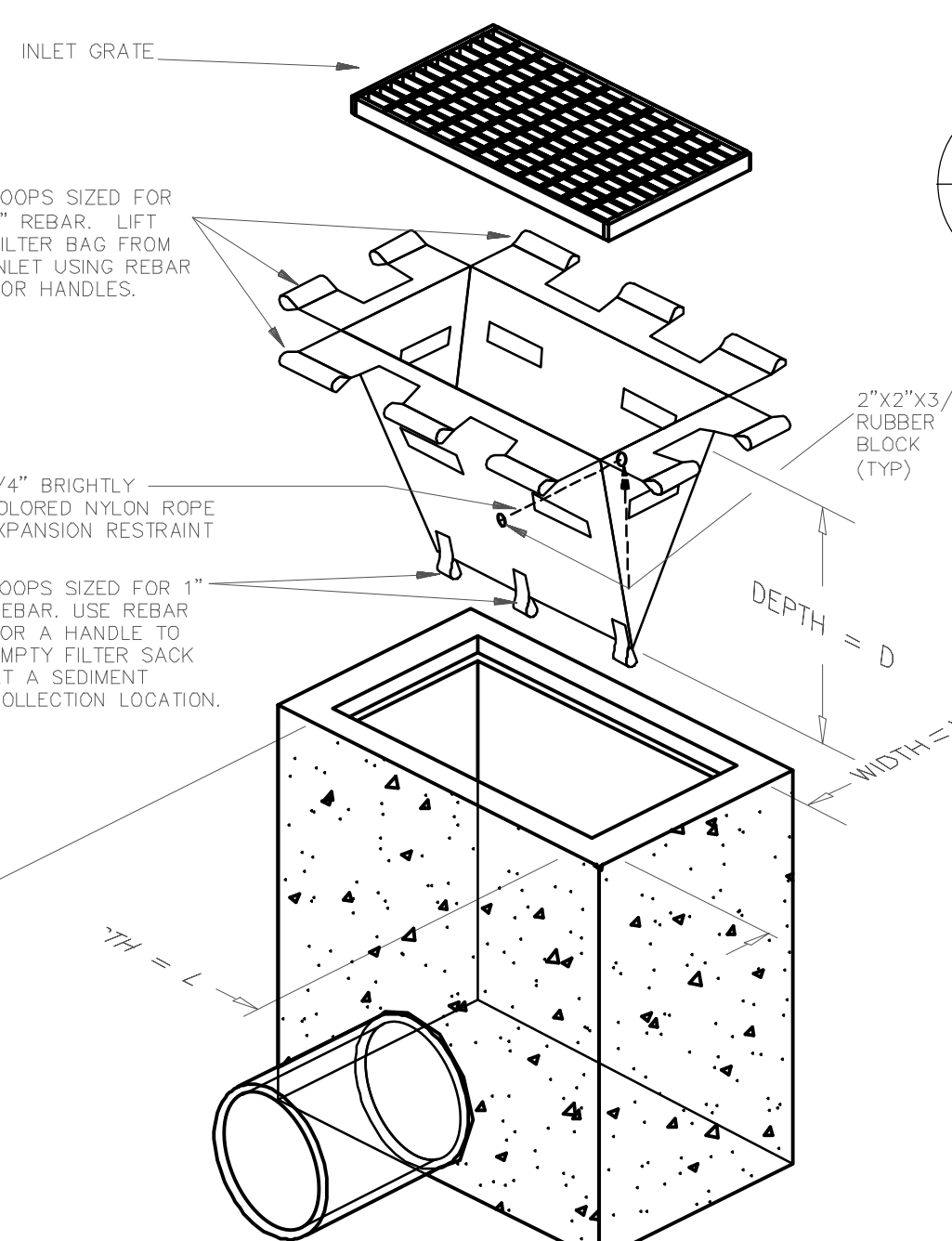
EROSION CONTROL PLAN



**SD-1
C-2**
SEDIMENTATION/SILT FENCE WITH WIRE SUPPORT
N.T.S.



**SD-3
C-2**
TEMPORARY CONSTRUCTION ENTRANCE
N.T.S.



**ISOMETRIC VIEW
INLET PROTECTION - PAVED AREAS**
FRAME

**SD-4
C-2**

LOW TO MODERATE FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE

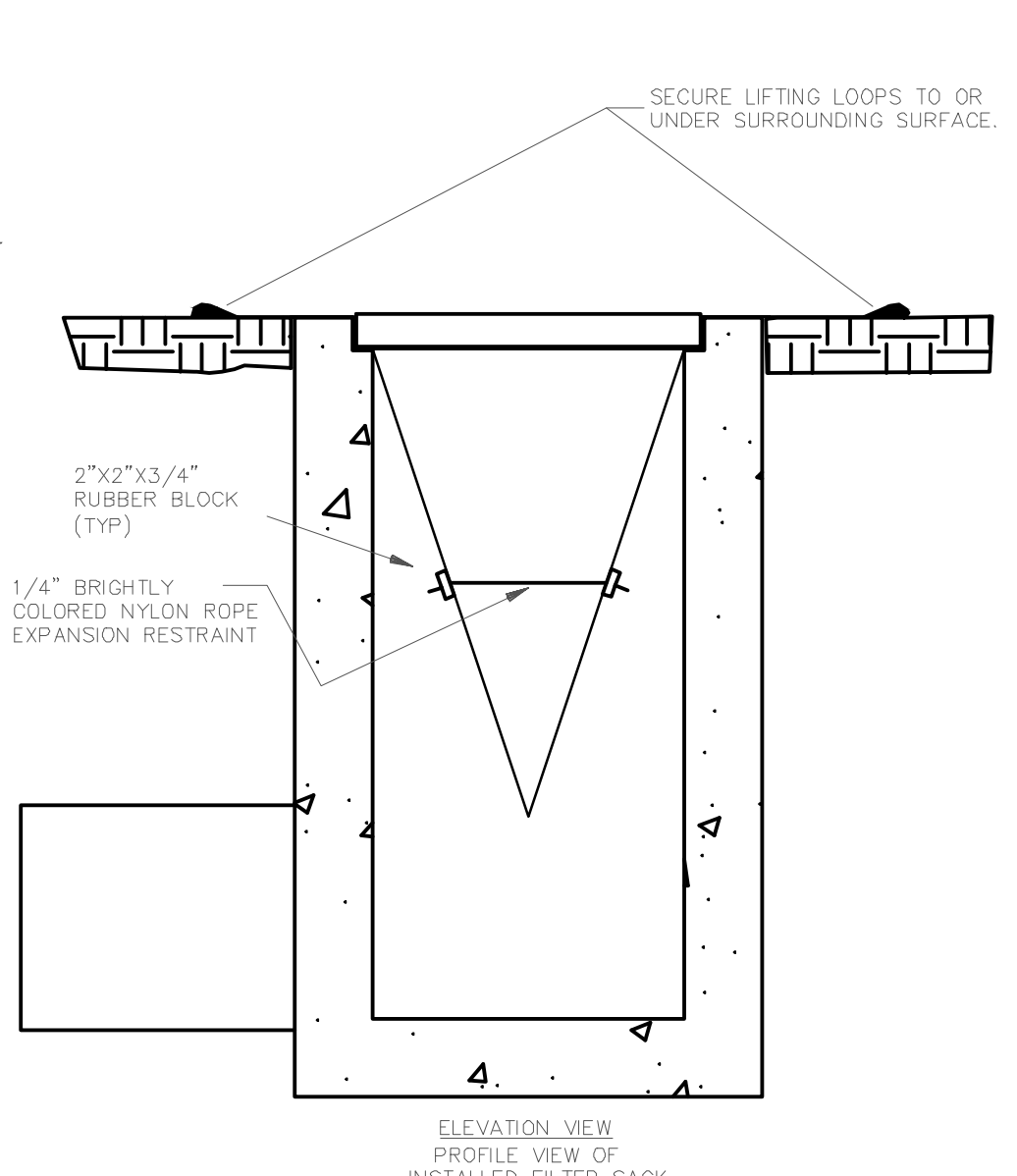
PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D-4632	300 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20 %
PUNCTURE	ASTM D-4833	120 LBS
MULLEN BURST	ASTM D-3786	800 PSI
TRAPEZOID TEAR	ASTM D-4533	120 LBS
UV RESISTANCE	ASTM D-4355	80 %
APPARENT OPENING SIZE	ASTM D-4751	40 US SIEVE
FLOW RATE	ASTM D-4491	40 GAL/MIN/50 FT
PERMITTIVITY	ASTM D-4491	1.55 SEC -1

MODERATE TO HIGH FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE

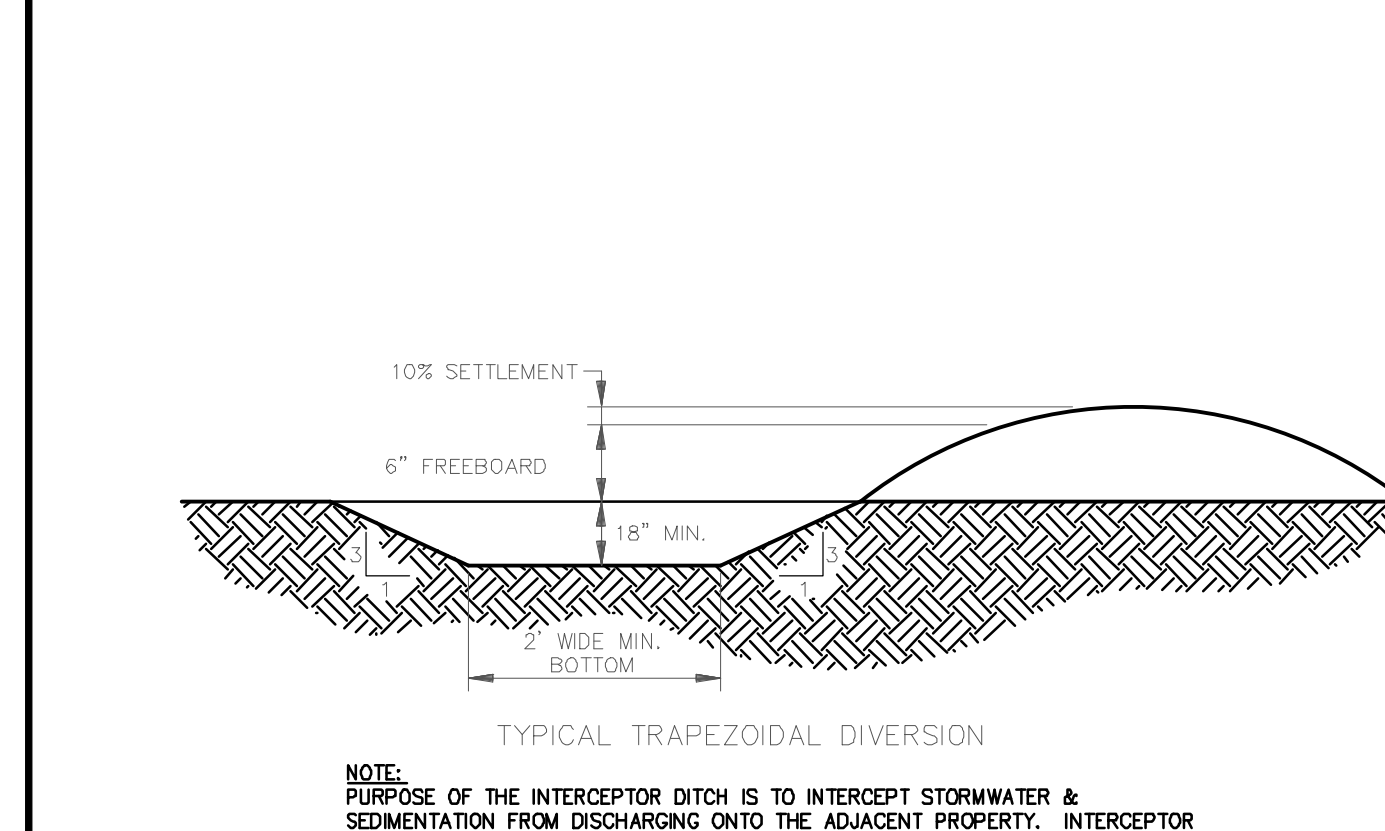
PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D-4632	265 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20 %
PUNCTURE	ASTM D-4833	135 LBS
MULLEN BURST	ASTM D-3786	400 PSI
TRAPEZOID TEAR	ASTM D-4533	45 LBS
UV RESISTANCE	ASTM D-4355	90 %
APPARENT OPENING SIZE	ASTM D-4751	20 US SIEVE
FLOW RATE	ASTM D-4491	200 GAL/MIN/50 FT
PERMITTIVITY	ASTM D-4491	1.5 SEC -1

FILTER SACKS (GRATED INLETS)
N.T.S.

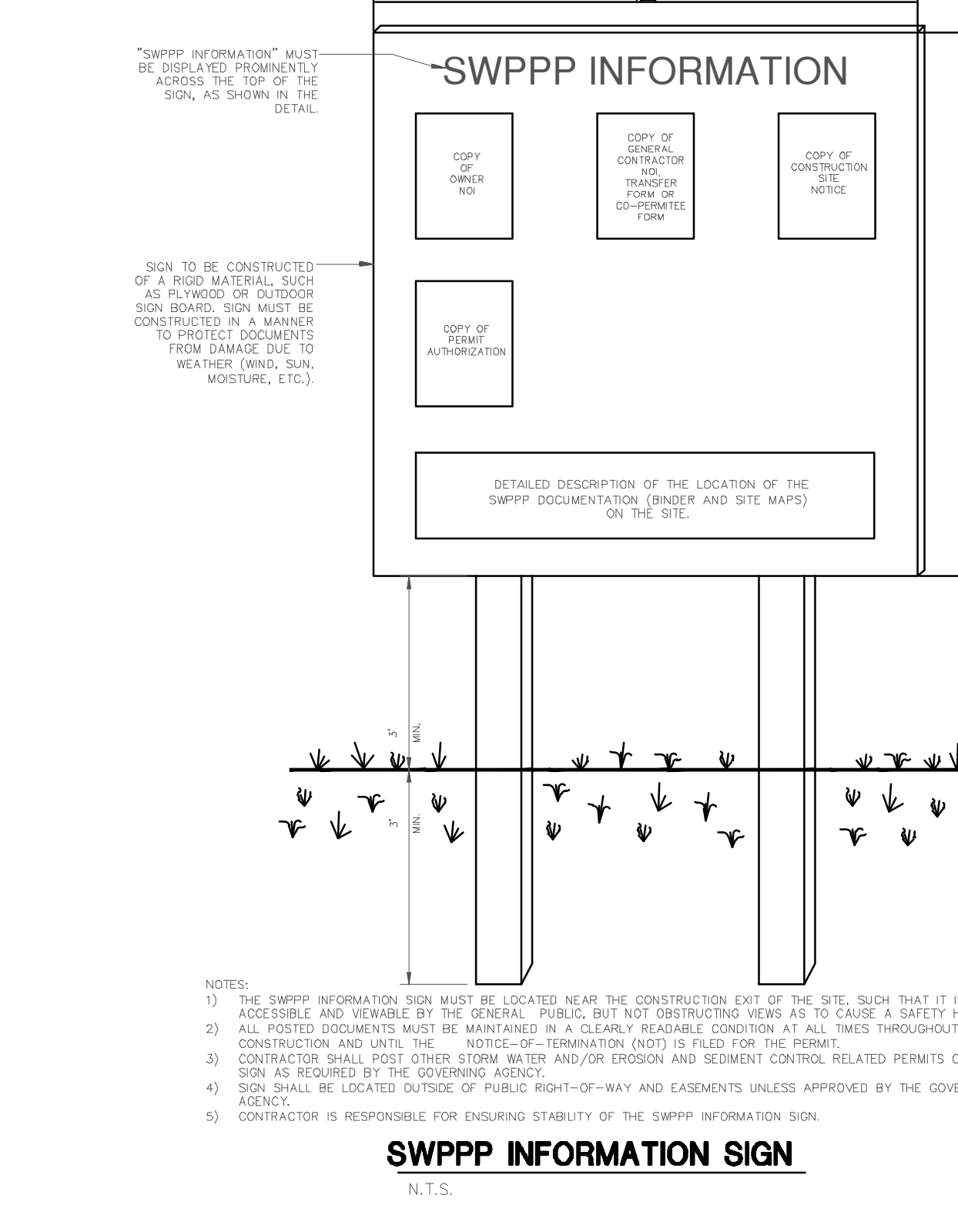
DO NOT USE ON ROADWAYS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS.



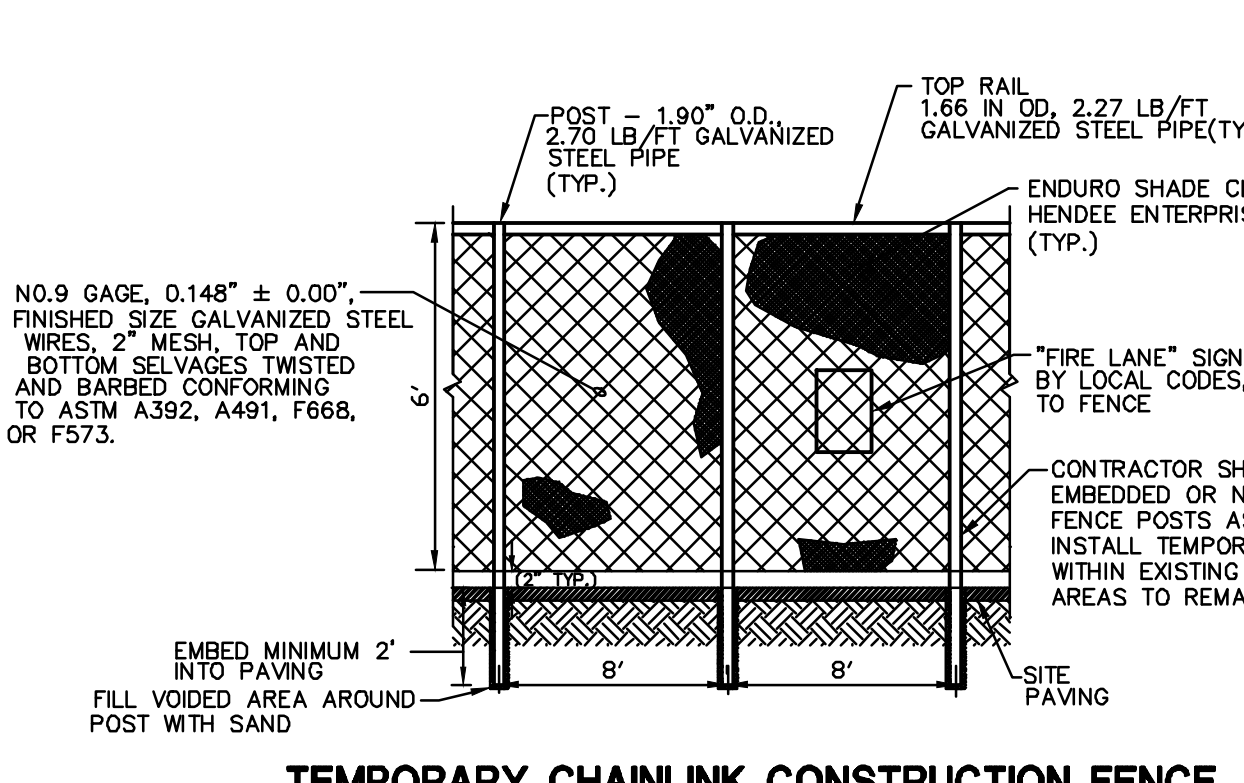
**SD-2
C-2**
INTERCEPTOR DITCH
N.T.S.



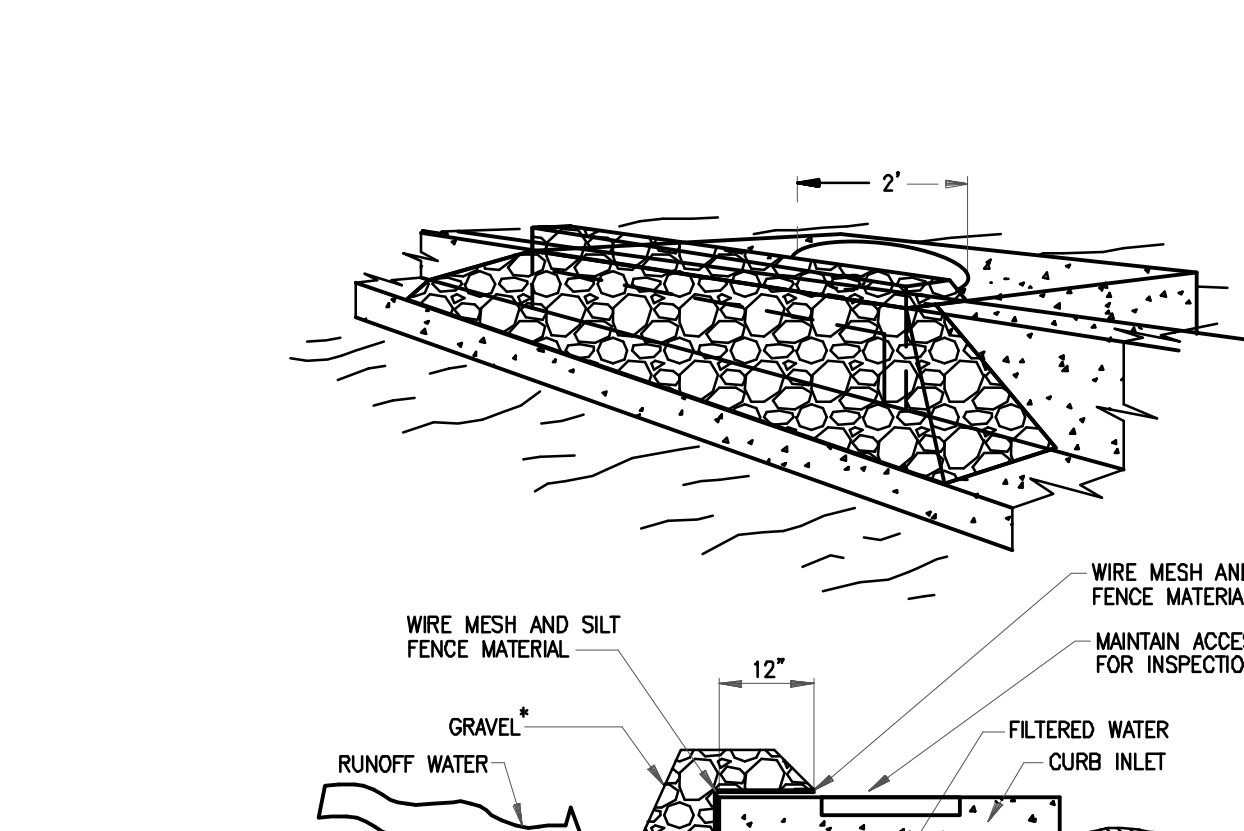
**SD-2
C-2**
INTERCEPTOR DITCH
N.T.S.



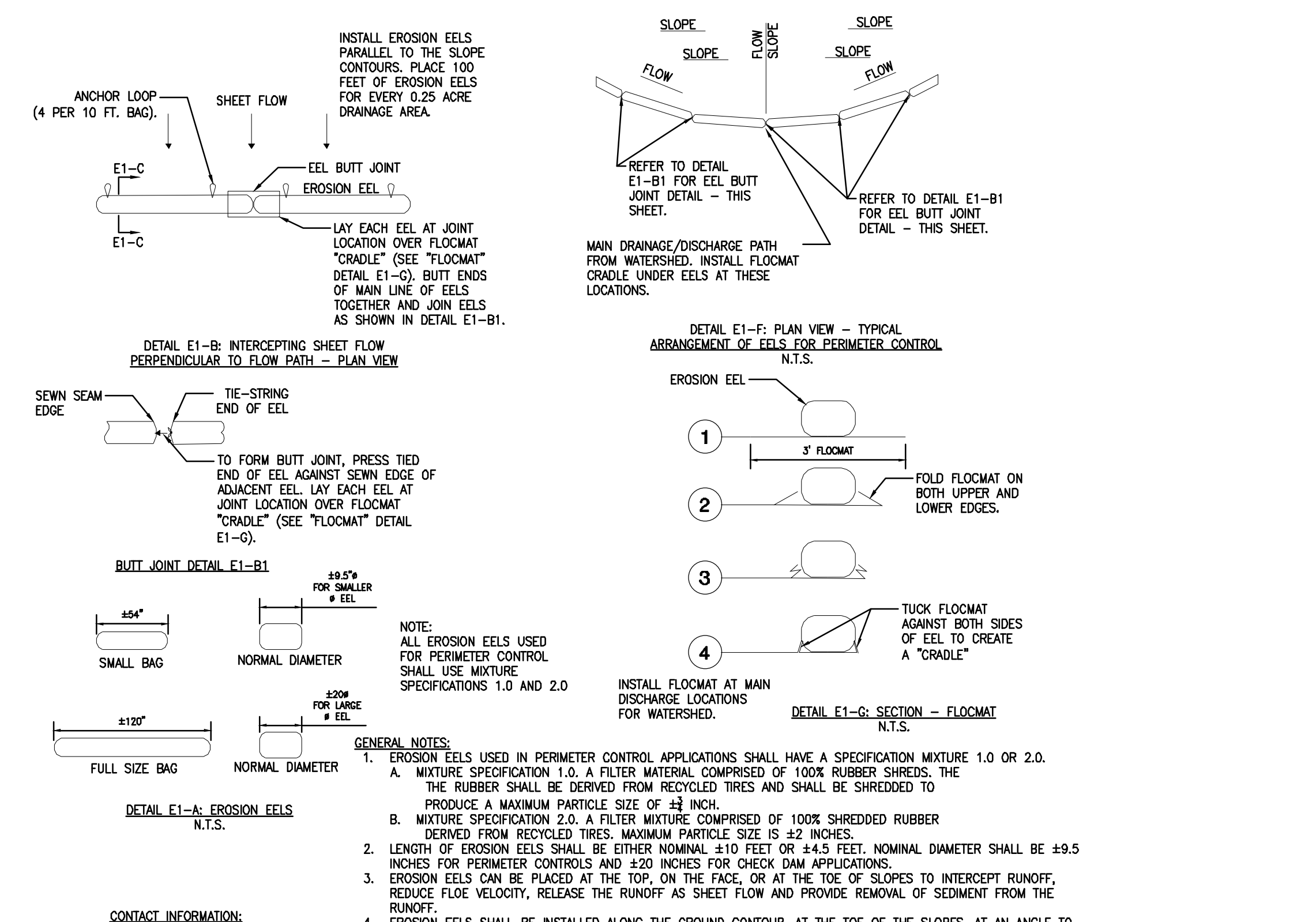
SWPPP INFORMATION SIGN
N.T.S.



**TEMPORARY CHAINLINK CONSTRUCTION FENCE
DETAIL**



**SD-4
C-2**
GRAVEL CURB INLET SEDIMENT FILTER
N.T.S.



**SD-4
C-2**
EROSION EELS
N.T.S.

- GENERAL NOTES:**
- EROSION EELS USED IN PERIMETER CONTROL APPLICATIONS SHALL HAVE A SPECIFICATION MIXTURE 1.0 OR 2.0.
 - MIXTURE SPECIFICATION 1.0. A FILTER MATERIAL COMPRISED OF 100% RUBBER SHREDS, THE RUBBER SHALL BE DERIVED FROM RECYCLED TIRES AND SHALL BE SHREDDED TO PRODUCE A MAXIMUM PARTICLE SIZE OF ±2 INCH.
 - MIXTURE SPECIFICATION 2.0. A FILTER MIXTURE COMPRISED OF 100% SHREDDED RUBBER DERIVED FROM RECYCLED TIRES. MAXIMUM PARTICLE SIZE IS ±2 INCHES.
 - LENGTH OF EROSION EELS SHALL BE EITHER NOMINAL ±10 FEET OR ±4.5 FEET. NOMINAL DIAMETER SHALL BE ±0.5 INCHES; FOR PERIMETER CONTROLS AND ±20 INCHES FOR CHECK DAM APPLICATIONS.
 - EROSION EELS CAN BE PLACED AT THE TOP, ON THE FACE, OR AT THE TOE OF SLOPES TO INTERCEPT RUNOFF, REDUCE FLOE VELOCITY, RELEASE THE RUNOFF AS SHEET FLOW AND PROVIDE REMOVAL OF SEDIMENT FROM THE RUNOFF.
 - EROSION EELS SHALL BE INSTALLED ALONG THE GROUND CONTOUR, AT THE TOE OF THE SLOPES, AT AN ANGLE TO THE CONTOUR TO DIRECT FLOW AS A DIVERSION BERM, AROUND INLET STRUCTURES, IN A DITCH AS A CHECK DAM TO HELP REDUCE SUSPENDED SOLIDS LOADING AND RETAIN SEDIMENT, OR AS A GENERAL FILTER FOR ANY DISTURBED SOIL AREA.
 - NO TRENCHING IS REQUIRED FOR INSTALLATION OF EROSION EELS.
 - PREPARE BED FOR EEL INSTALLATION BY REMOVING ANY LARGE DEBRIS INCLUDING ROCKS, SOIL CLODS, AND WOODY VEGETATION. EROSION EELS CAN ALSO BE PLACED OVER PAVED SURFACES INCLUDING CONCRETE AND ASPHALT WITH NO SURFACE PREPARATION REQUIRED.
 - RAKE BED AREA WITH A HAND RAKE OR BY DRAG HARROW.
 - DO NOT PLACE EEL DIRECTLY OVER RILL AND CULLES UNTIL AREA HAS BEEN HAND-EXCAVATED AND GRADED TO PROVIDE A LEVEL BEDDING SURFACE. ALL SURFACES SHALL BE UNFORMALLY COMPACTED FOR MAXIMUM SEATING OF EELS IN PLACE.
 - FOR LOCATIONS WHERE EELS WILL BE PLACED IN CONCENTRATED FLOWS (SUCH AS CHECK DAMS, INLET PROTECTION) AND FOR PERIMETER CONTROLS, BED THE EELS IN A FLOCMAT CRADLE PER THE DETAILED DRAWINGS.
 - FOR DITCH APPLICATIONS, THE MAXIMUM DRAINAGE AREA SHALL BE 10 ACRES.
 - IF MORE THAN ONE EROSION EEL IS PLACED IN A ROW, PREPARE JOINTS PER DETAIL E1-B1.
 - EROSION EELS SHALL REMAIN IN PLACE UNTIL FULLY ESTABLISHED VEGETATION HAS COMPLETELY DEVELOPED OR UNTIL THE STORAGE CAPACITY/FUNCTIONAL LIFE OF THE EEL HAS BEEN EXHAUSTED (REQUIRING REPLACEMENT WITH NEW EELS).
 - ANCHORING POSTS FOR CHECK DAM APPLICATIONS SHALL HAVE A MINIMUM WEIGHT OF 1.25 LBS/FT STEEL T-POSTS (5 TO 7 FEET LENGTHS) ROLLED FROM HIGH CARBON STEEL. POSTS SHOULD BE HOT-DIP GALVANIZED OR COATED WITH A WEATHER-RESISTANT PAINT FOR STEEL APPLICATION. POSTS SHOULD BE EQUIPPED WITH A METAL ANCHOR PLATE. INSTALL PER DETAILS ON THIS SHEET.
 - PLACE T-POSTS THROUGH HANDLE OF BAGS. DO NOT DRIVE POSTS THROUGH EROSION EELS. T-POSTS ARE TO BE EMBEDDED A MINIMUM OF 3 FEET INTO GROUND ON STEEP SLOPES GREATER THAN 25%.

CONTACT INFORMATION:
FRIENDLY ENVIRONMENT
100 PRINCE STREET
SHELBYVILLE, TN 37160
1-866-440-EEELS
INFO@FRIENDLYENVIRONMENTUS.COM
<http://FRIENDLYENVIRONMENTUS.COM>

**SANKOFA NATURE
TRAILS AND
WETLAND PRESERVE**

CONSULTANTS:

4141 Blenville St, Suite 101
New Orleans, LA 70119
Office: 504.434.6565
www.ddgpc.com



ISSUE	DATE	DESCRIPTION

REVISION DESCRIPTION

REVISION	DESCRIPTION

SEAL / REGISTRATION

STATE OF LOUISIANA
SCOTT M. TABARY
License No. 40241
PROFESSIONAL ENGINEER
CIVIL
[Signature]

12-30-2021

DRAWN BY: JH
CHECKED BY: SMT
APPROVED BY: SMT
DATE: 12-30-2021
PROJECT NO: 21-965
SHEET DESCRIPTION & NO.

DETAILS
C-4

6401 FLORIDA AVE

NEW ORLEANS, LOUISIANA

Project Number: SAN2102

ISSUE FOR PERMIT

01/07/2022

Prepared for:

SANKOFA CDC

6401 FLORIDA AVE

NEW ORLEANS, LA 70117

- L0.00 COVER
- L0.01 REFERENCE SHEET
- L1.XX NOT USED
- L3.00 SITE LAYOUT PLAN
- L3.01 SITE LAYOUT PLAN
- L3.02 SITE LAYOUT PLAN
- L3.03 SITE LAYOUT PLAN
- L3.04 SITE LAYOUT PLAN
- L3.05 SITE LAYOUT PLAN
- L3.06 SITE LAYOUT PLAN
- L3.07 SITE LAYOUT PLAN
- L3.08 SITE LAYOUT PLAN
- L4.00 HARDSCAPE DETAILS
- L4.01 HARDSCAPE DETAILS
- L4.02 HARDSCAPE DETAILS
- L4.03 HARDSCAPE DETAILS
- L6.00 PLANTING PLAN & NOTES
- L6.01 PLANTING PLAN & NOTES
- L6.02 PLANTING PLAN & NOTES
- L6.03 PLANTING PLAN & NOTES
- L6.04 PLANTING PLAN & NOTES
- L6.05 PLANTING PLAN & NOTES
- L6.06 PLANTING PLAN & NOTES
- L6.07 PLANTING PLAN & NOTES
- L6.08 PLANTING PLAN & NOTES
- L7.00 PLANTING DETAILS
- L7.01 PLANTING SCHEDULE
- L8.00 SITE FURNISHING PLAN
- L8.01 SITE FURNISHING PLAN
- L8.02 SITE FURNISHING PLAN
- L8.03 SITE FURNISHING PLAN
- L8.04 SITE FURNISHING PLAN
- L8.05 SITE FURNISHING PLAN
- L8.06 SITE FURNISHING PLAN
- L8.07 SITE FURNISHING PLAN
- L8.08 SITE FURNISHING PLAN
- L9.00 SITE FURNISHING DETAILS

Prepared by:



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SANKOFA WETLAND PARK AND NATURE TRAIL

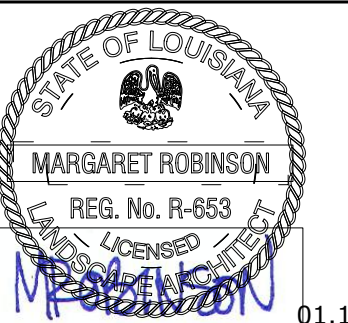
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NEW ORLEANS, LA 70117

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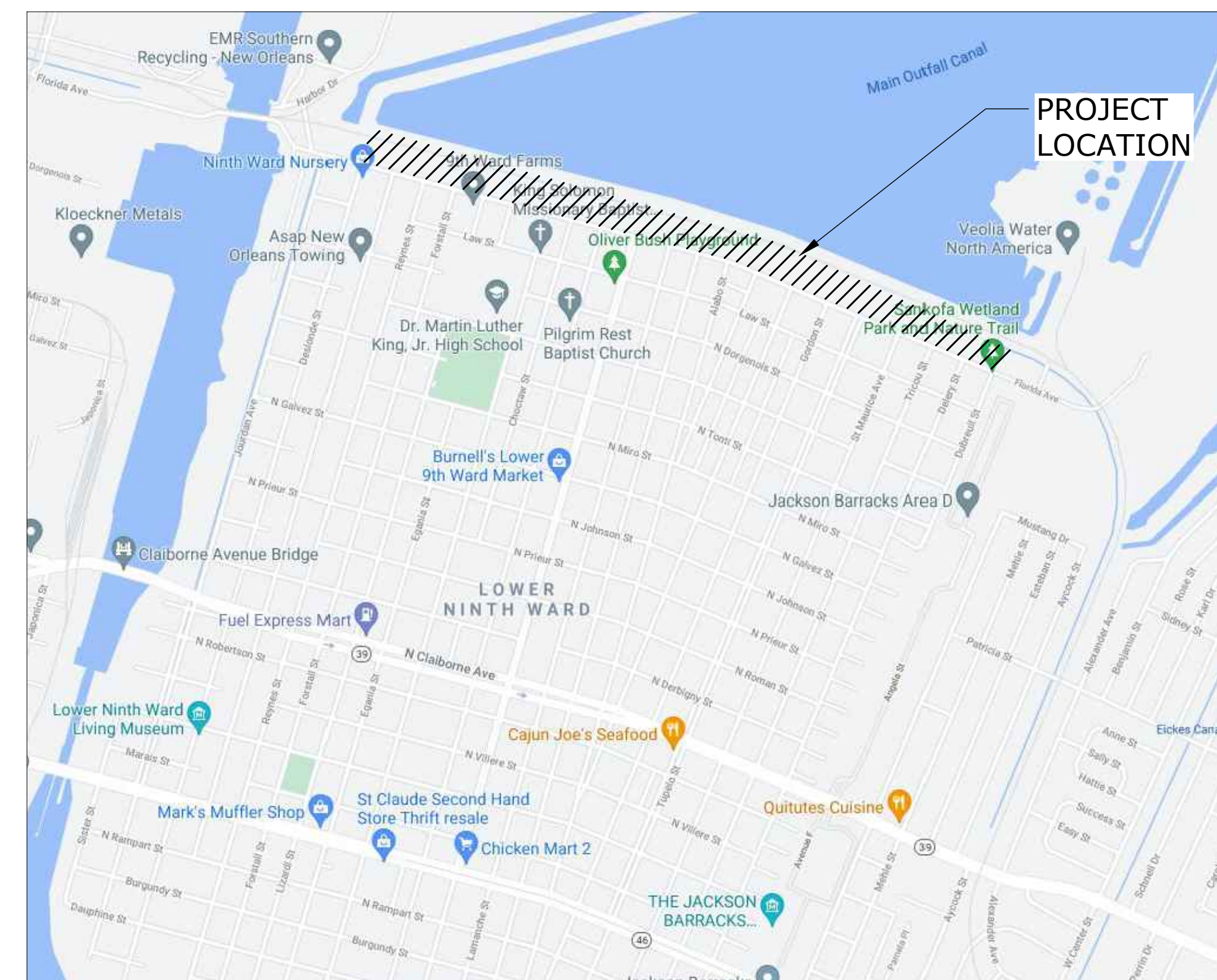
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SHEET DESCRIPTION & NO.

COVER

L0.00



LOCATION MAP - NOT TO SCALE



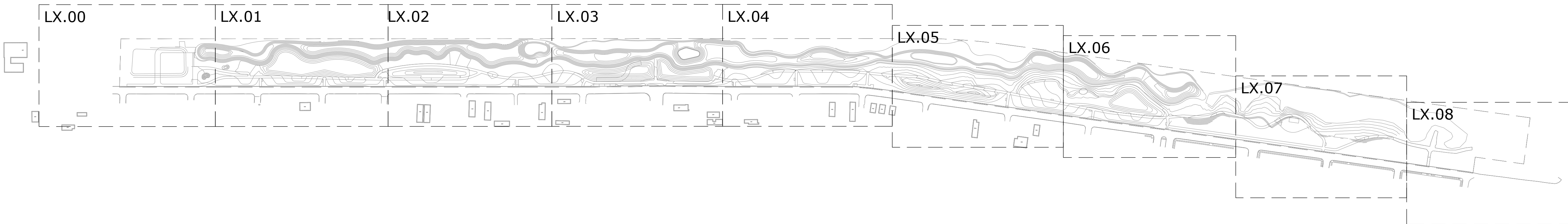
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**SANKOFA WETLAND
PARK AND NATURE
TRAIL**

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CONSULTANTS:



REFERENCE PLAN

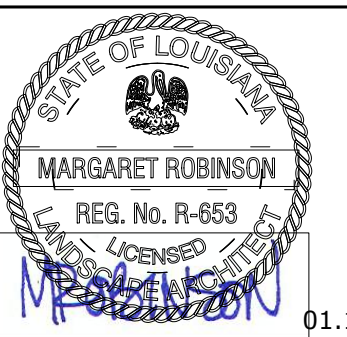
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ISSUE	DATE	DESCRIPTION

REVISION DESCRIPTION

REVISION	DESCRIPTION

SEAL / REGISTRATION



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APPROVED BY: _____

DATE: _____

PROJECT NO.: _____

SHEET DESCRIPTION & NO.

**REFERENCE
PLAN**

L0.01



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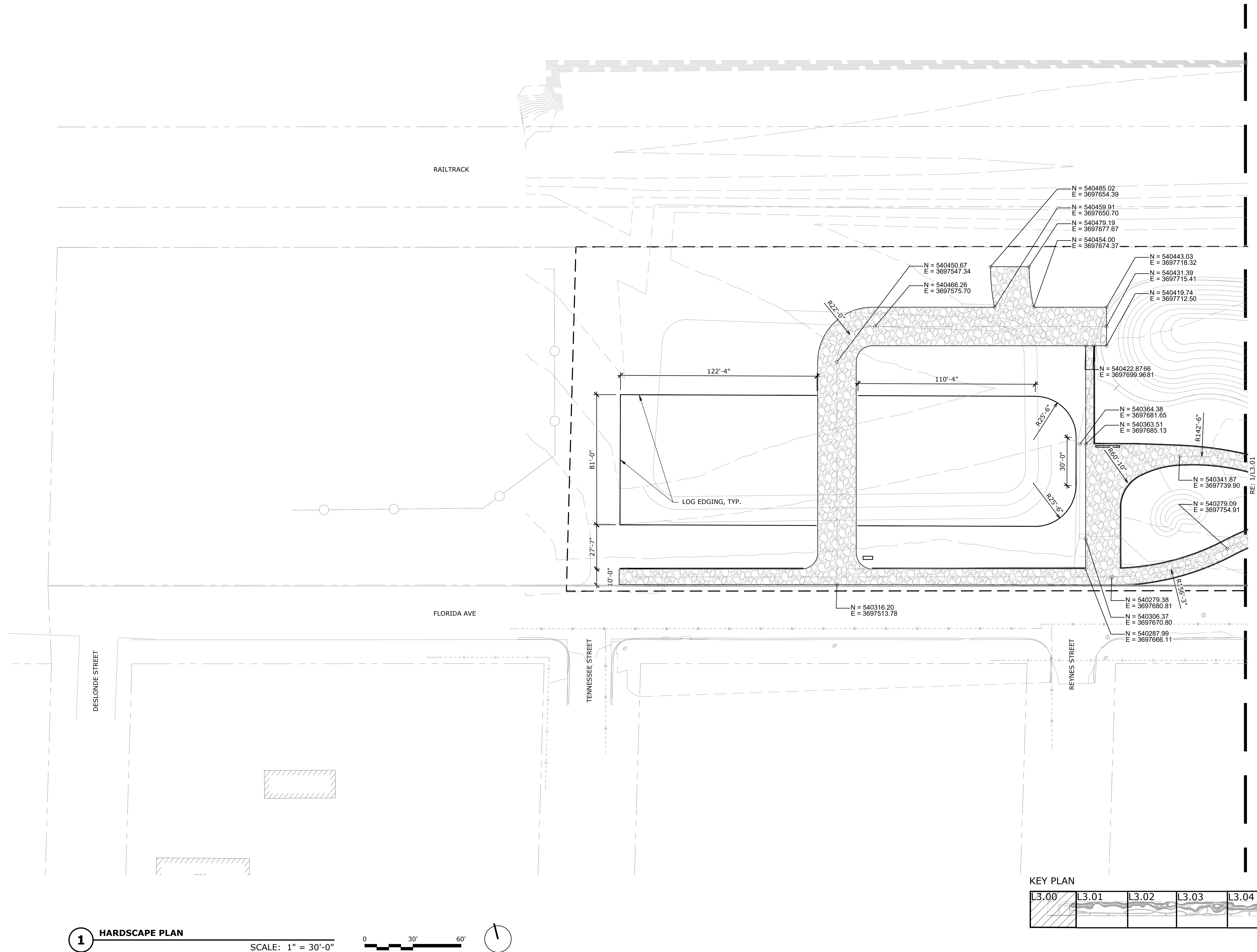
SANKOFA WETLAND
PARK AND NATURE
TRAIL

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NEW ORLEANS, LA 70117

CONSULTANTS:

LEGEND

- LIMIT OF WORK
- PROPERTY LINE
- LOG EDGING
RE: 5/L4.01
- CRUSHED OYSTER TRAIL
- BONDED MULCH TRAIL



ISSUE	DATE	DESCRIPTION

REVISION	DESCRIPTION

SEAL / REGISTRATION

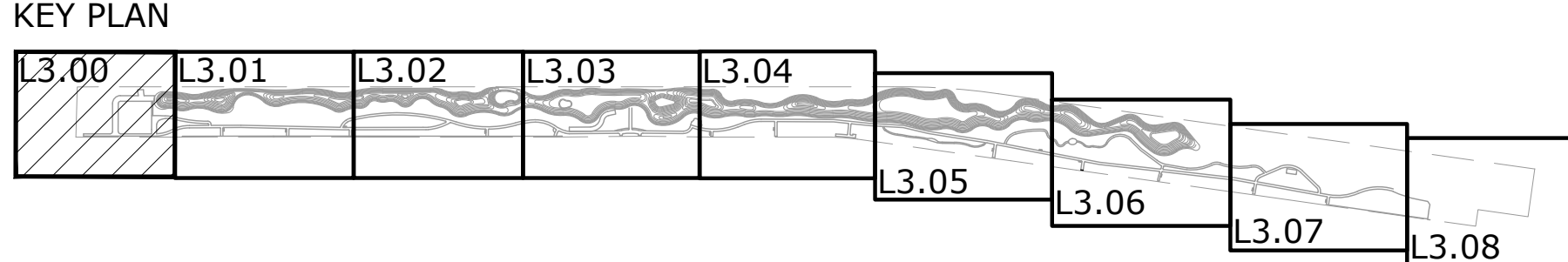


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- DATE:
- PROJECT NO.:
- SHEET DESCRIPTION & NO.

**HARDSCAPE
PLAN**

L3.00





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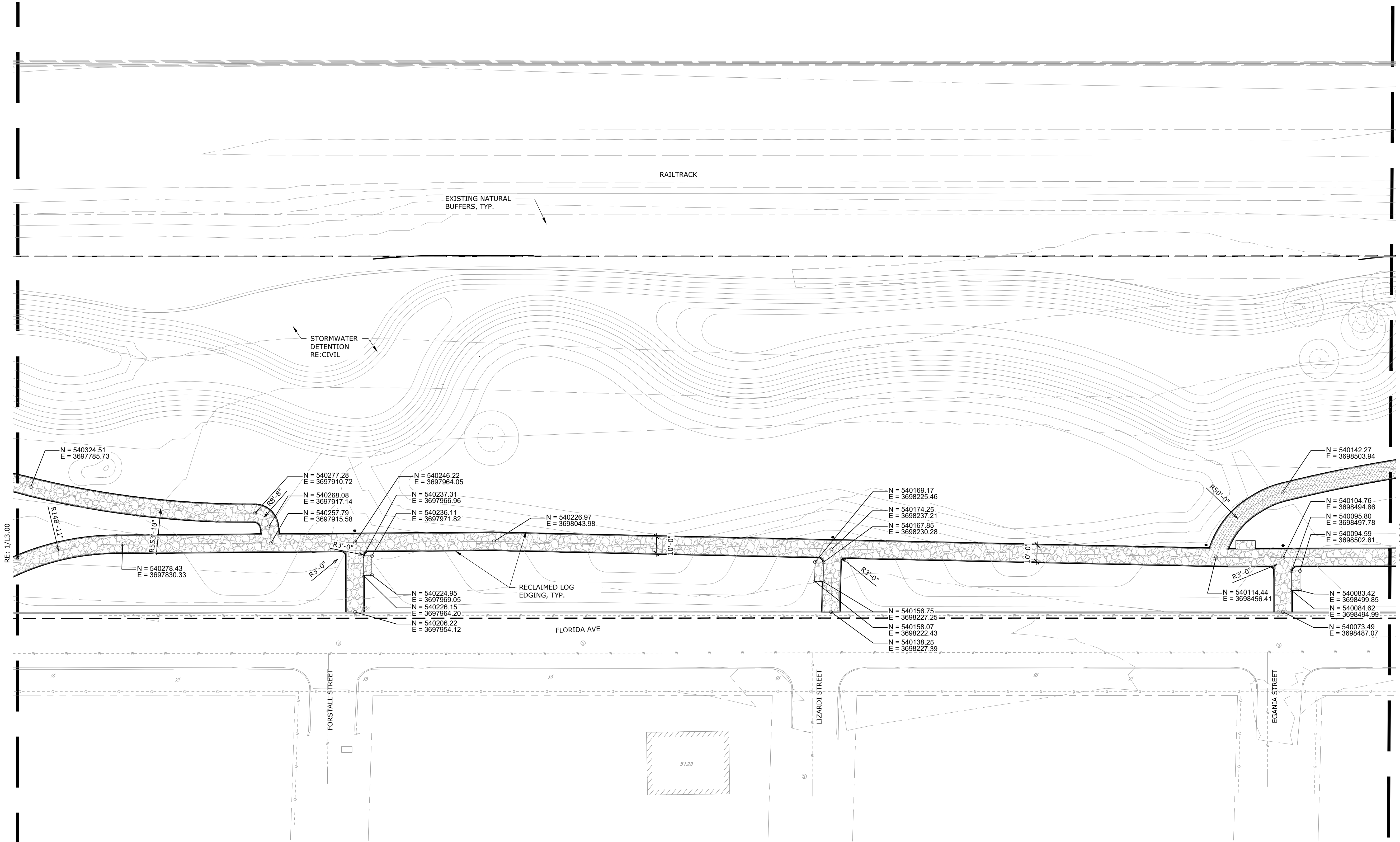
SANKOFA WETLAND PARK AND NATURE TRAIL

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NEW ORLEANS, LA 70117

CONSULTANTS:

LEGEND

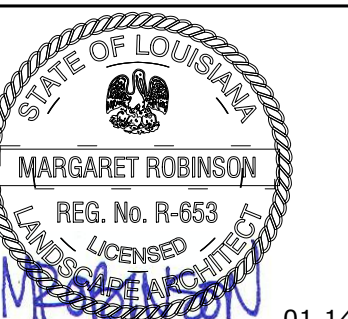
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- LOG EDGING
RE: 5/L4.01
- CRUSHED OYSTER TRAIL
- BONDED MULCH TRAIL



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REVISION DESCRIPTION

SEAL / REGISTRATION



01.14.2022

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DATE:

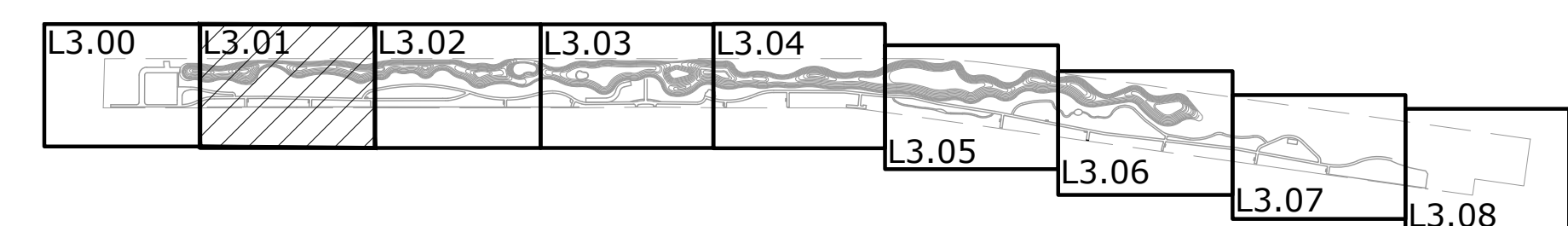
PROJECT NO.:

SHEET DESCRIPTION & NO.

HARDSCAPE PLAN

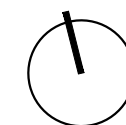
L3.01

KEY PLAN



1 HARDSCAPE PLAN

SCALE: 1" = 30'-0"





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**SANKOFA WETLAND
PARK AND NATURE
TRAIL**

6401 FLORIDA AVE
NEW ORLEANS, LA 70117

LEGEND

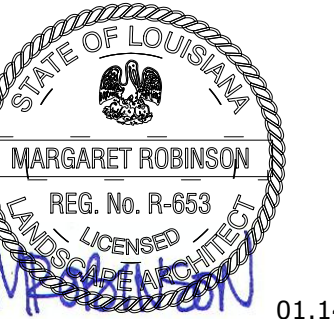
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- [Symbol] BONDED MULCH TRAIL

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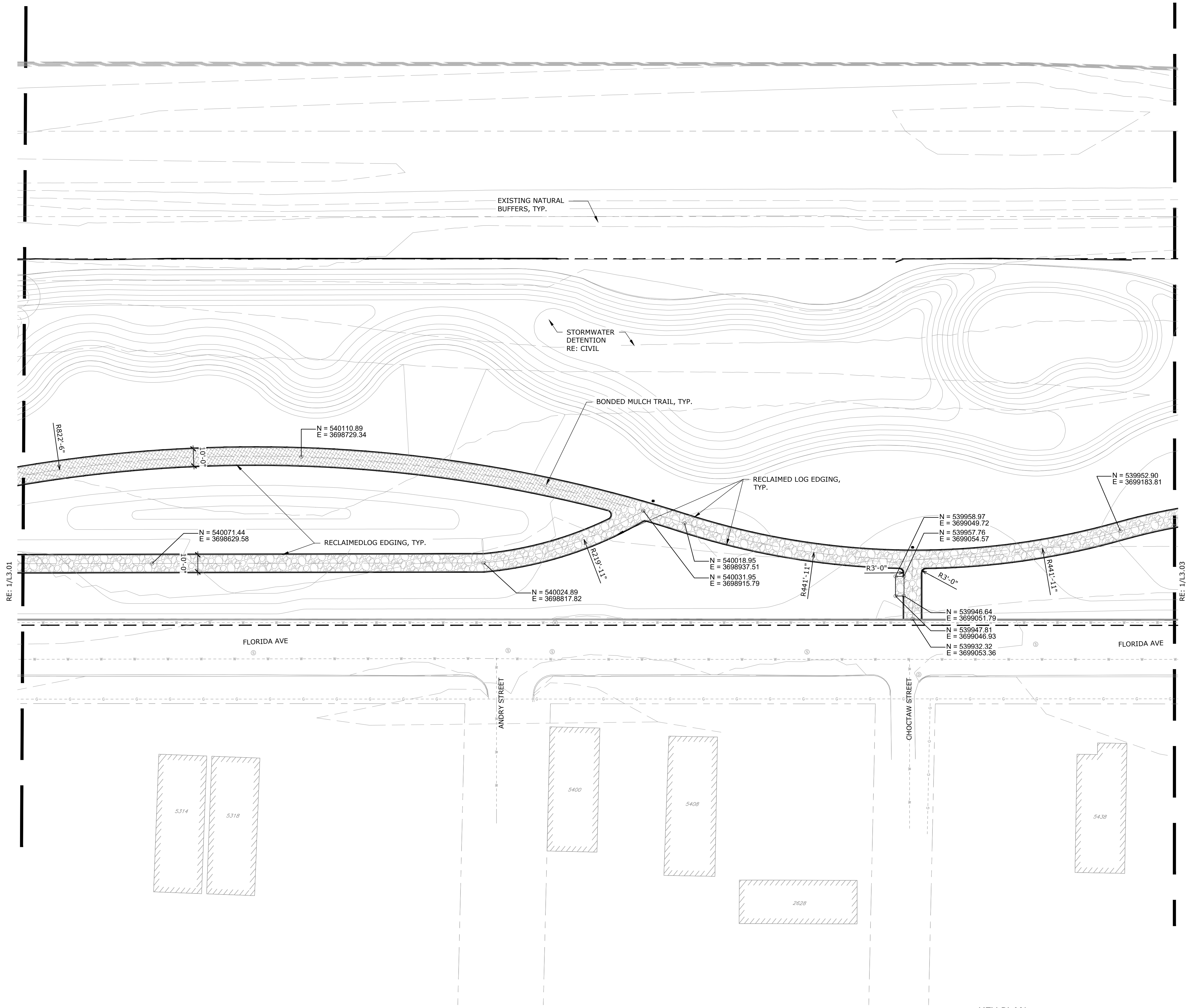
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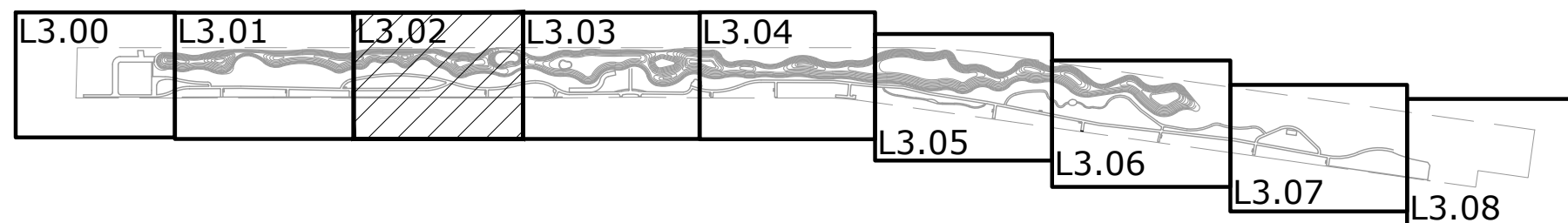
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**HARDSCAPE
PLAN**

L3.02



KEY PLAN



1 HARDSCAPE PLAN

SCALE: 1" = 30'-0"





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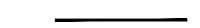


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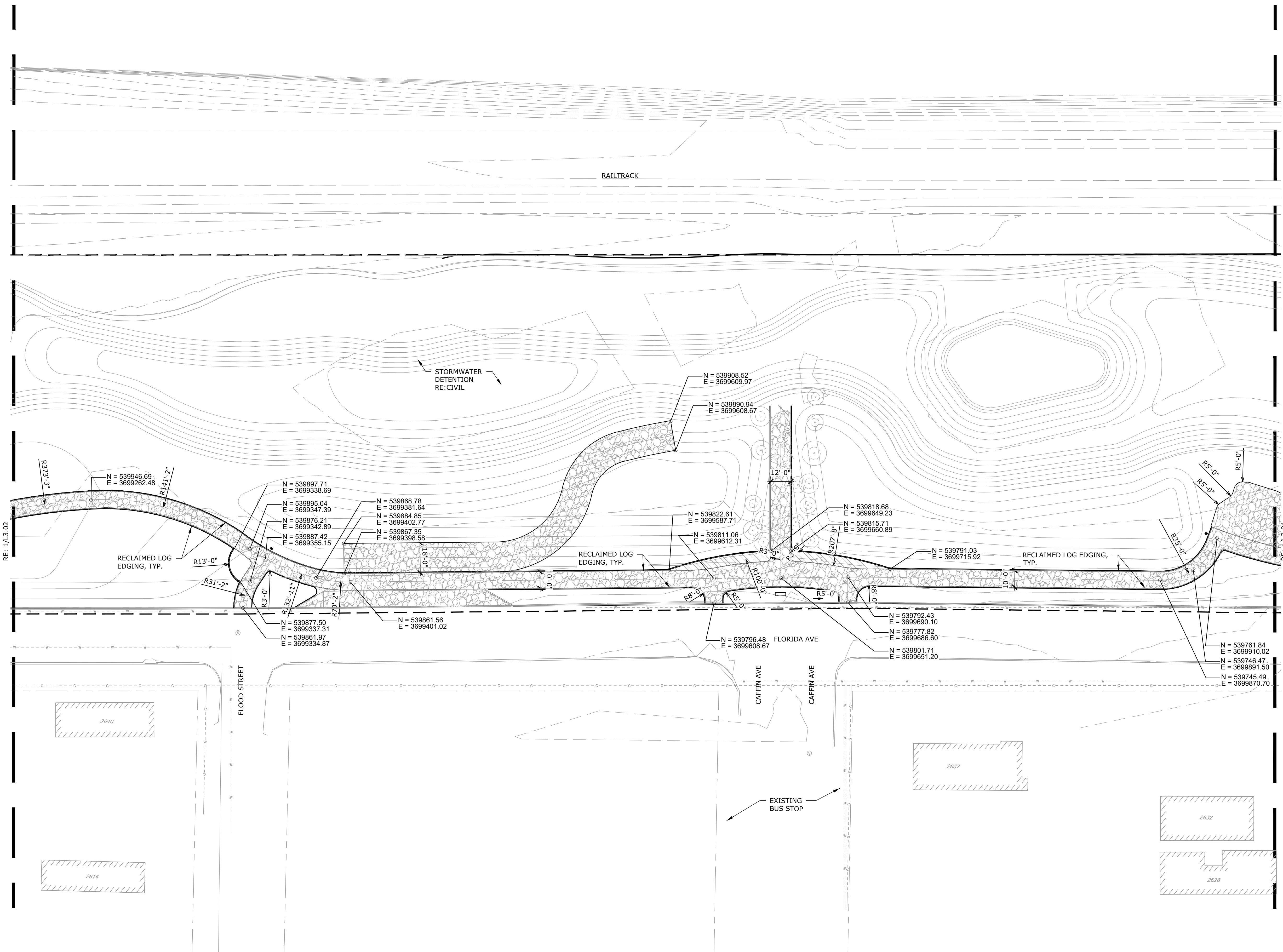
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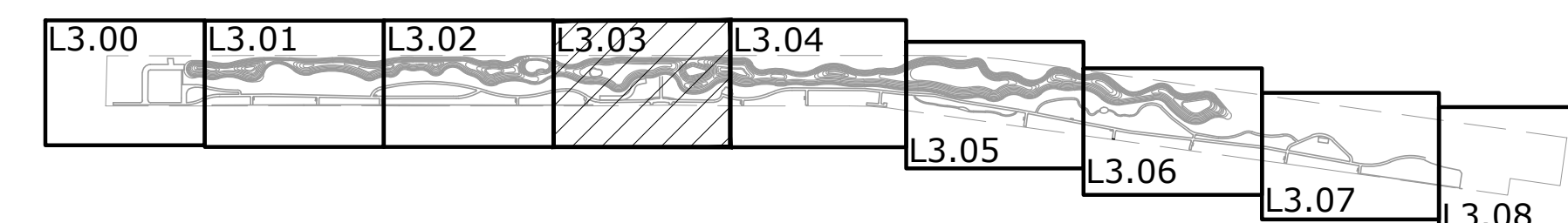
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LEGEND

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RE: 5/L4.01
-  CRUSHED OYSTER TRAIL
-  BONDED MULCH TRAIL

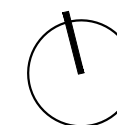
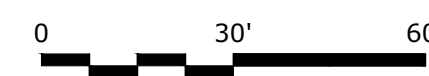


KEY PLAN



1 HARDSCAPE PLAN

SCALE: 1" = 30'-0"



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HARDSCAPE PLAN

L3.03



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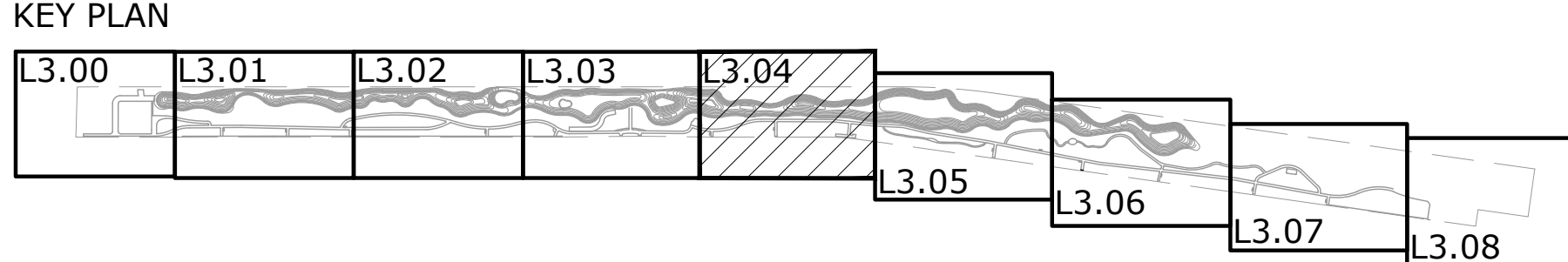
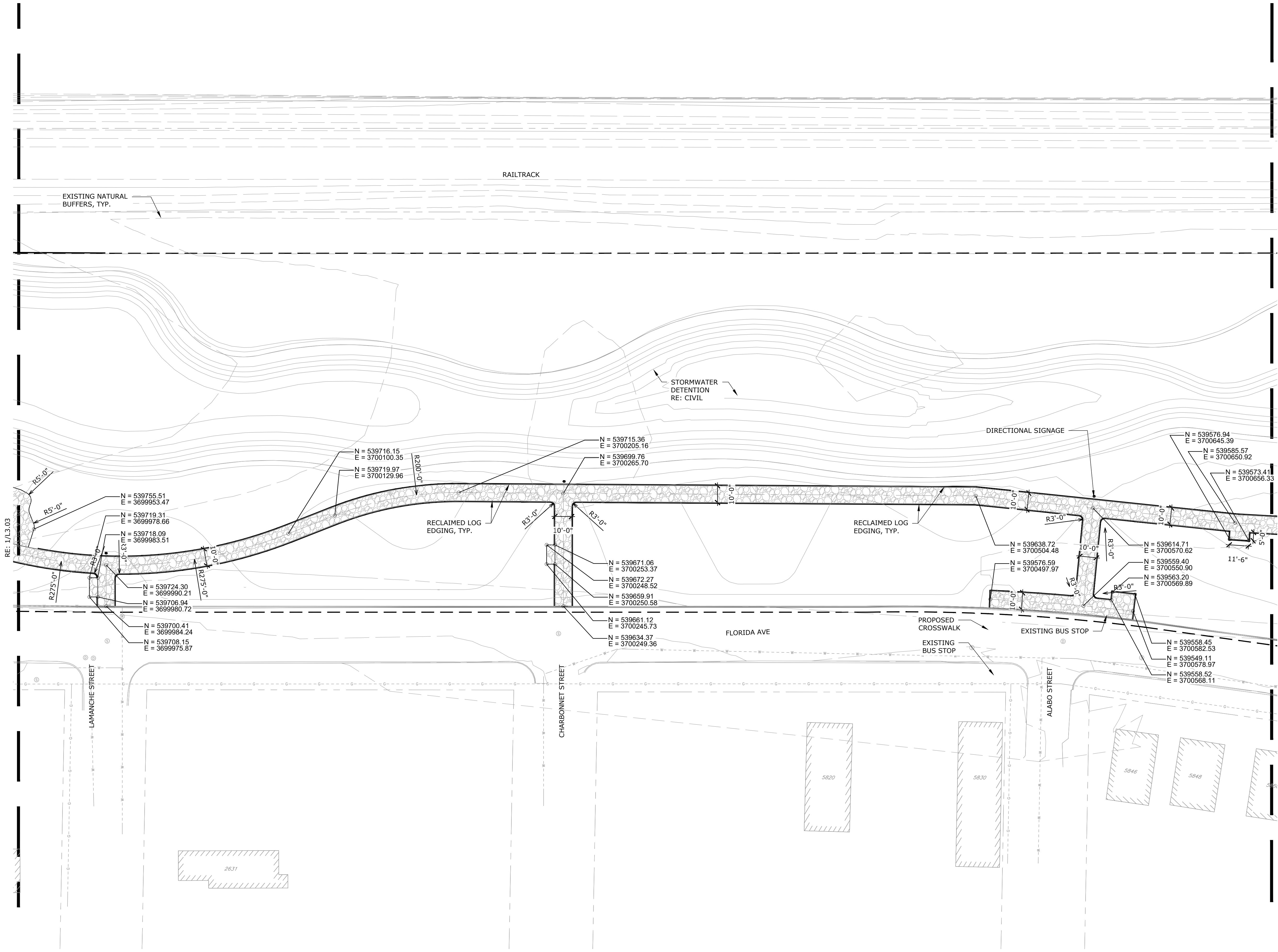
**SANKOFA WETLAND
PARK AND NATURE
TRAIL**

6401 FLORIDA AVE
NEW ORLEANS, LA 70117

CONSULTANTS:

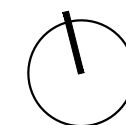
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- LIMIT OF WORK
- - - PROPERTY LINE
- LOG EDGING
RE: 5/L4.01
- CRUSHED OYSTER TRAIL
- BONDED MULCH TRAIL



1 HARDSCAPE PLAN

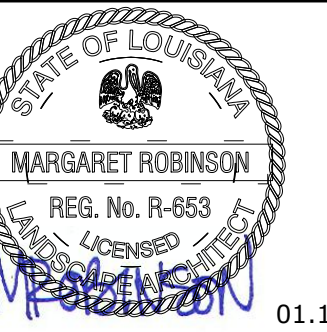
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ISSUE DATE DESCRIPTION

REVISION DESCRIPTION

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**HARDSCAPE
PLAN**

L3.04



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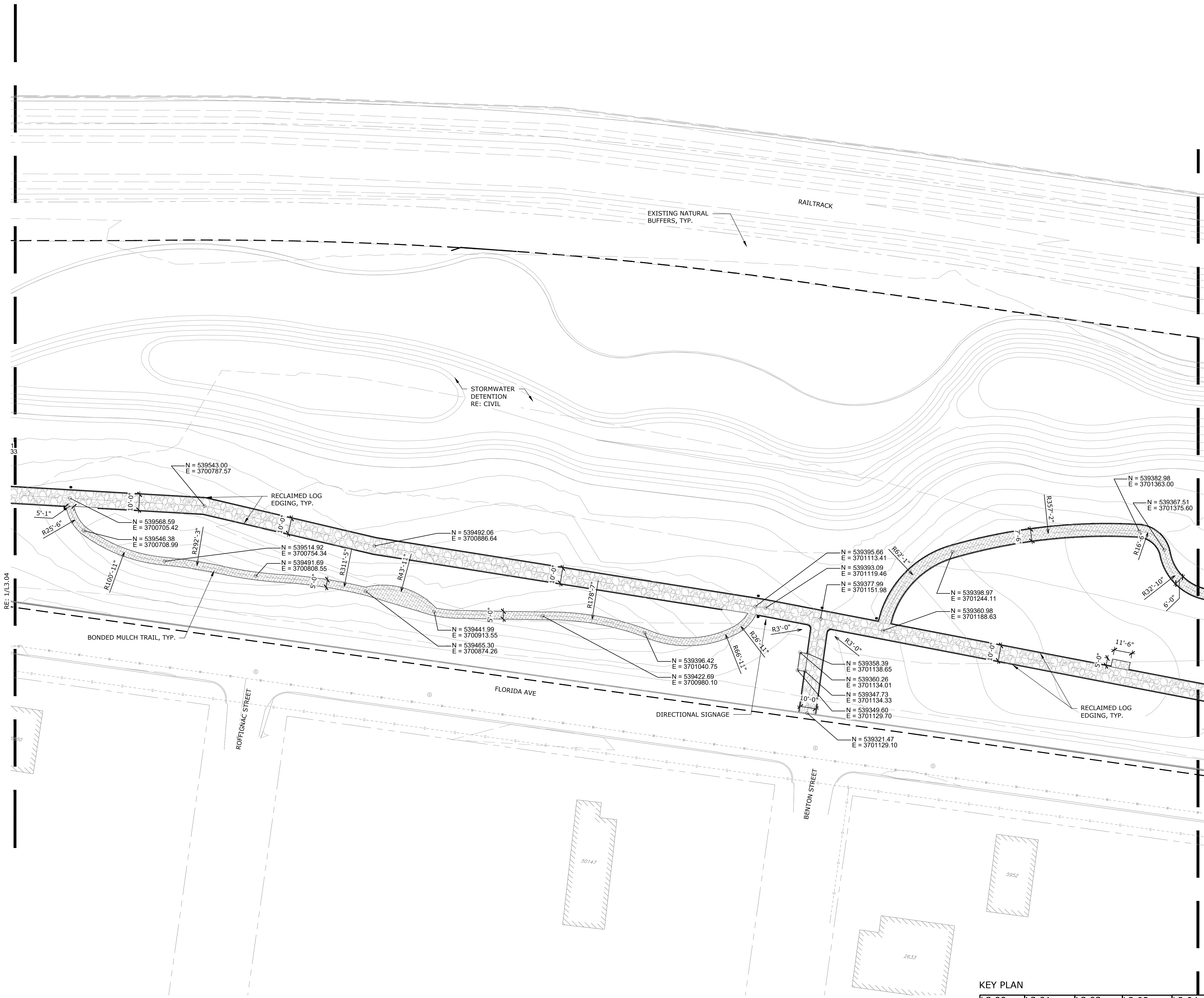
SANKOFA WETLAND PARK AND NATURE TRAIL

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NEW ORLEANS, LA 70117

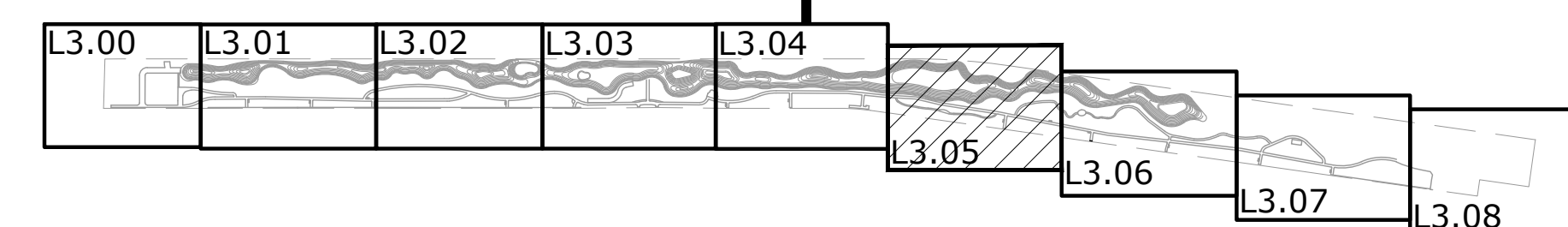
CONSULTANTS:

LEGEND

- LIMIT OF WORK
- - - PROPERTY LINE
- LOG EDGING
RE: 5/L4.01
- CRUSHED OYSTER TRAIL
- BONDED MULCH TRAIL

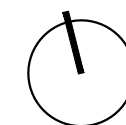
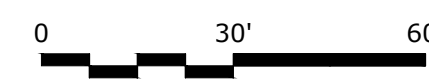


KEY PLAN



1 HARDSCAPE PLAN

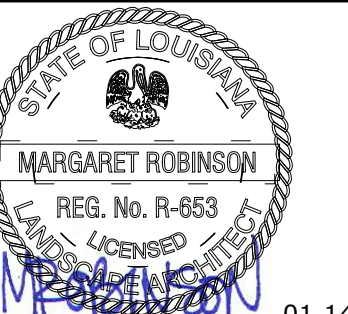
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DATE:

PROJECT NO.:

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HARDSCAPE PLAN

L3.05



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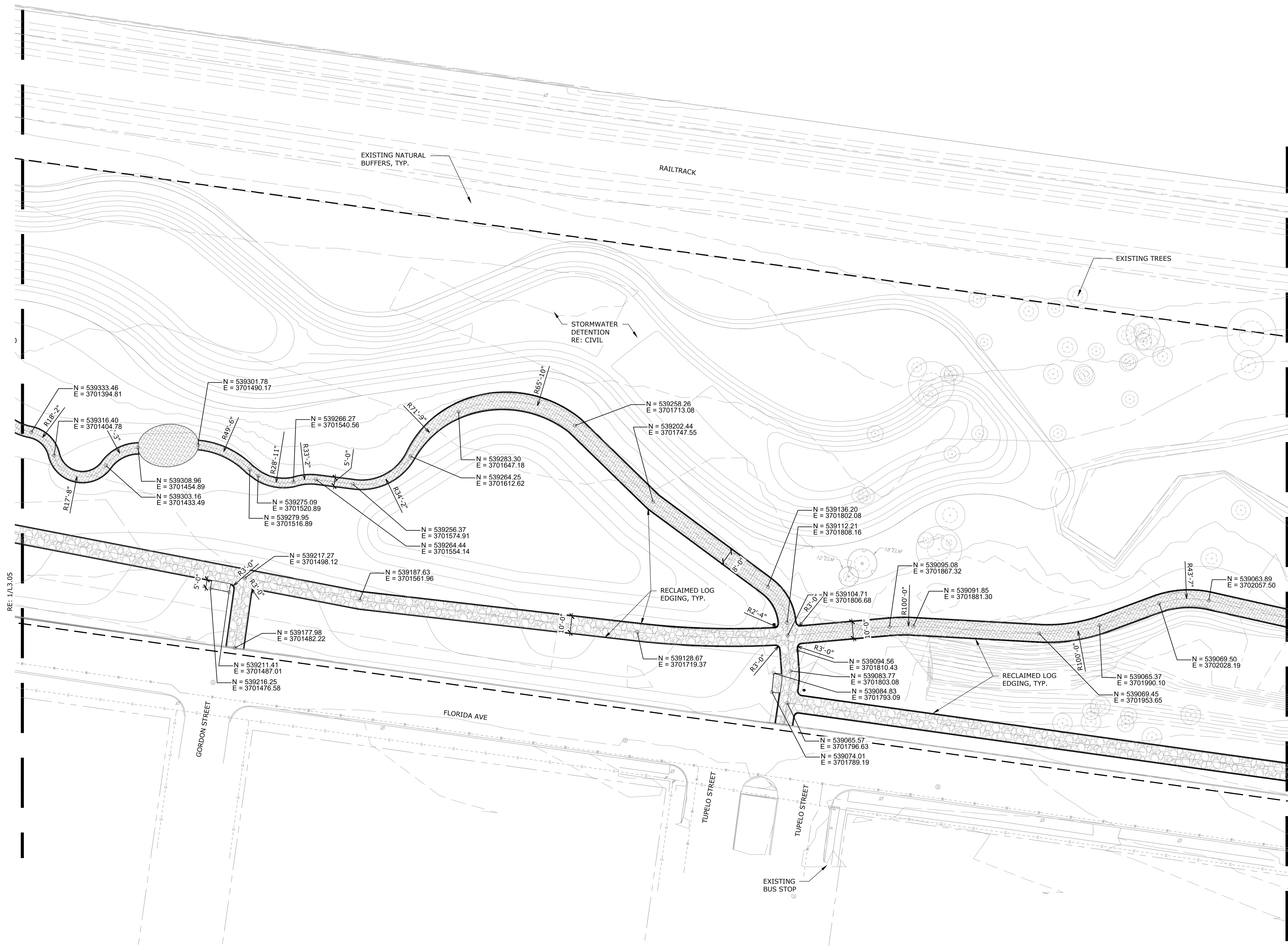
**SANKOFA WETLAND
PARK AND NATURE
TRAIL**

6401 FLORIDA AVE
NEW ORLEANS, LA 70117

CONSULTANTS:

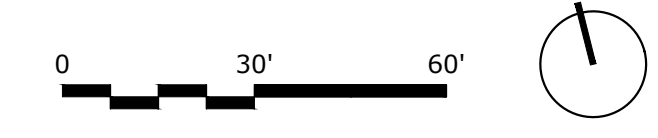
LEGEND

- LIMIT OF WORK
- PROPERTY LINE
- LOG EDGING
RE: 5/L4.01
- CRUSHED OYSTER TRAIL
- BONDED MULCH TRAIL

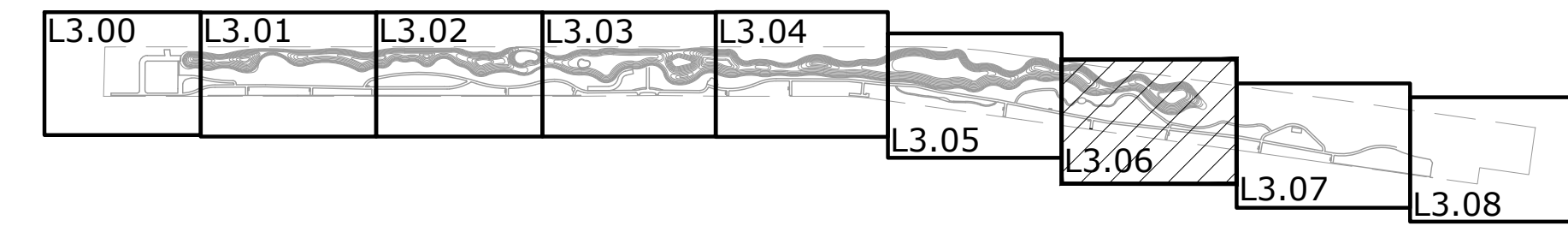


1 HARDSCAPE PLAN

SCALE: 1" = 30'-0"



KEY PLAN



ISSUE DATE DESCRIPTION

REVISION DESCRIPTION

SEAL / REGISTRATION



01.14.2022

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 DATE: _____
 PROJECT NO.: _____
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**HARDSCAPE
PLAN**

L3.06



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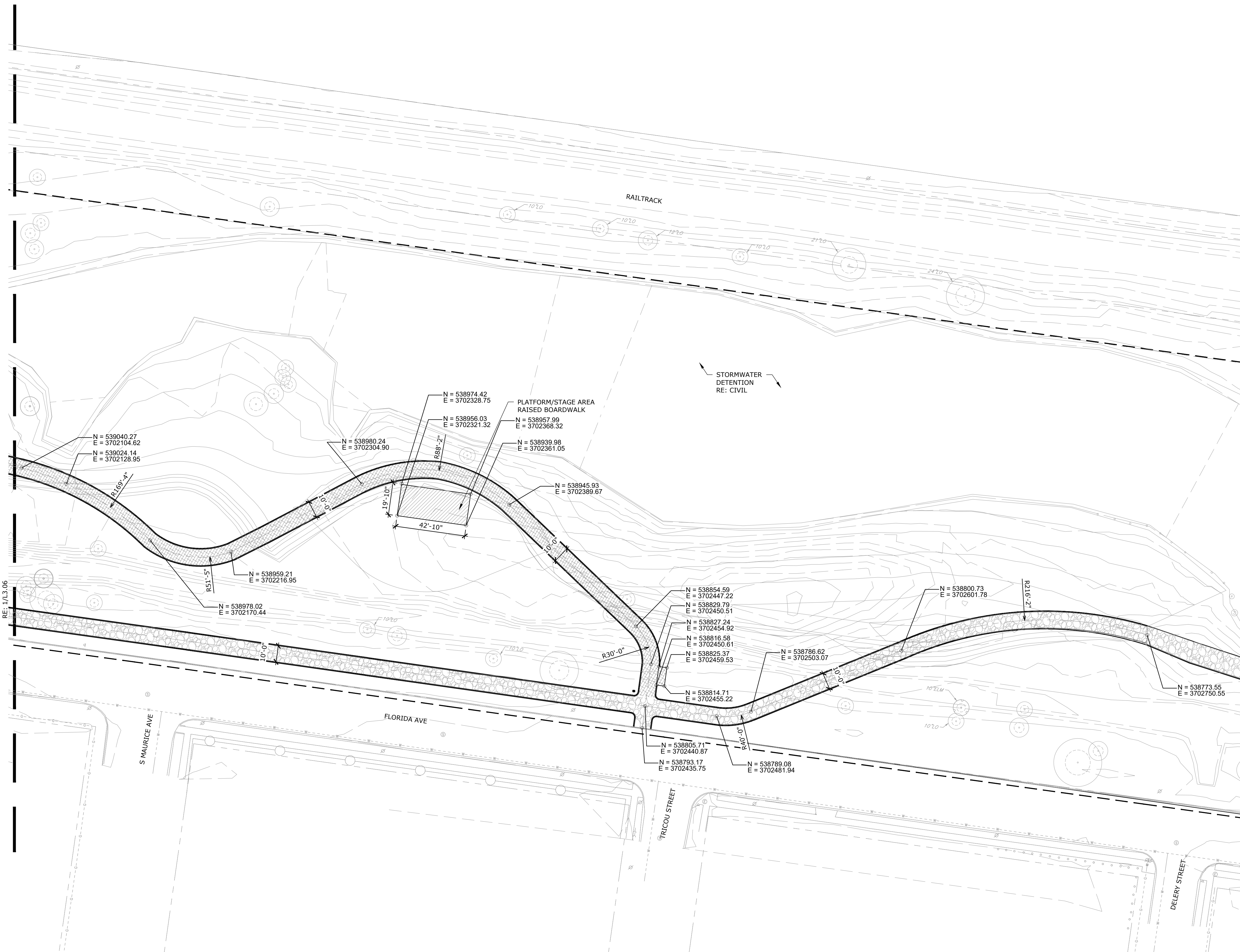
SANKOFA WETLAND PARK AND NATURE TRAIL

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NEW ORLEANS, LA 70117

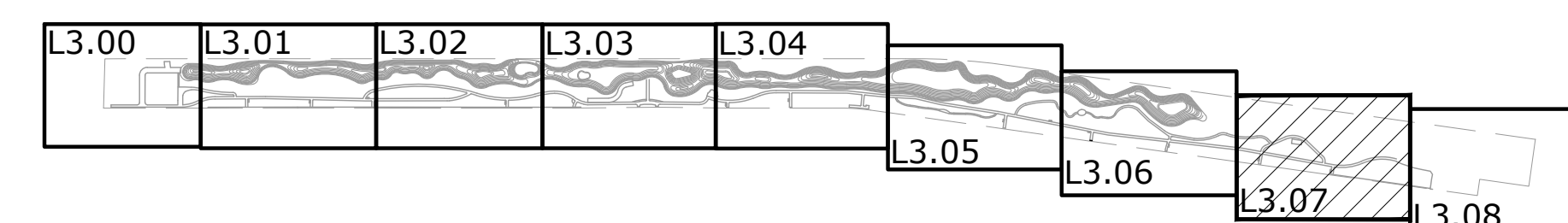
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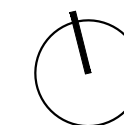
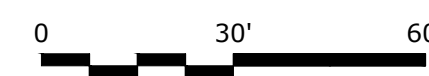


KEY PLAN



1 HARDSCAPE PLAN

SCALE: 1" = 30'-0"



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DATE:

PROJECT NO.:

SHEET DESCRIPTION & NO.

HARDSCAPE PLAN

L3.07



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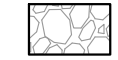

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P: 512.351.9601 www.asakurarobinson.com

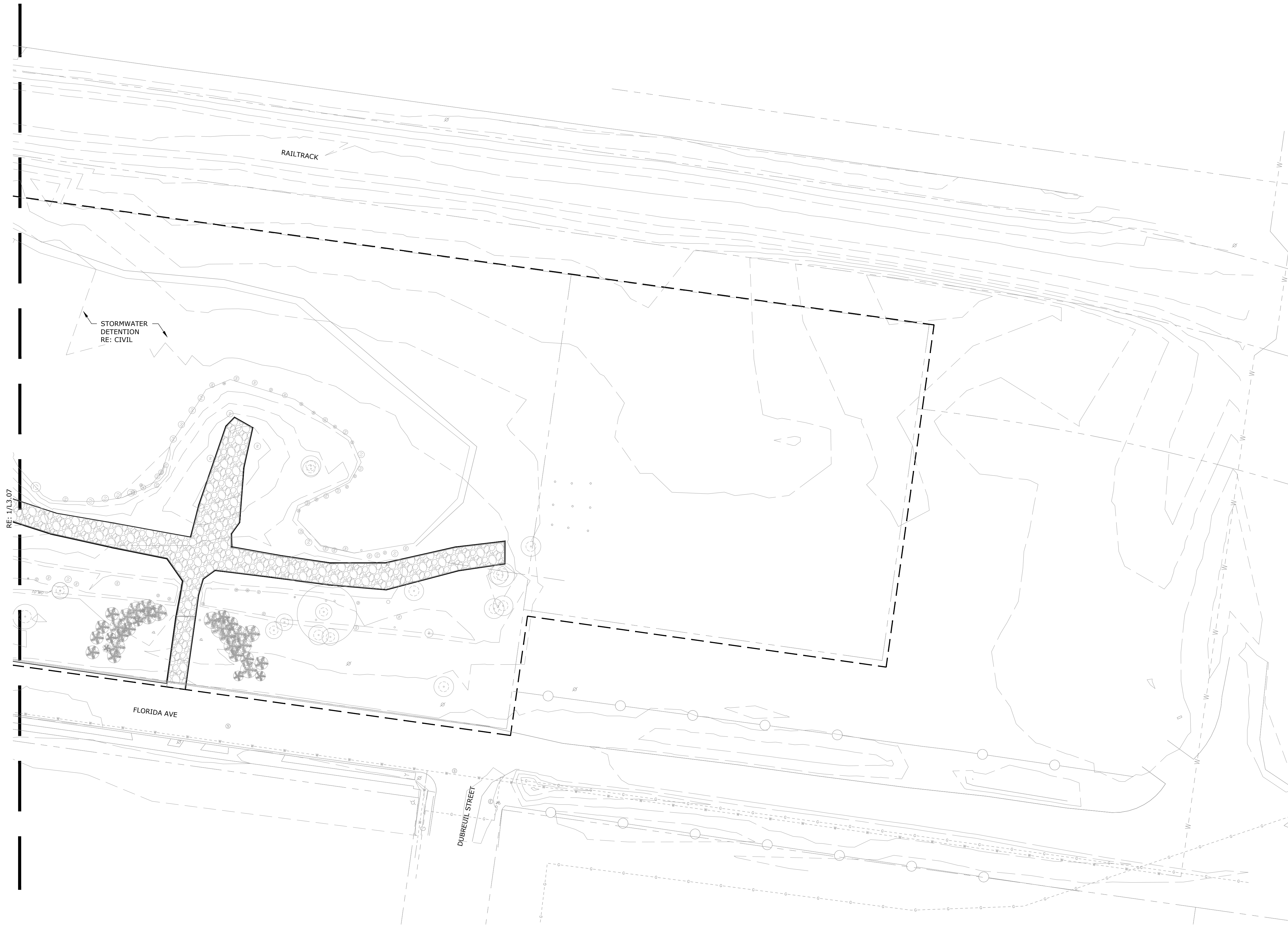
**SANKOFA WETLAND
PARK AND NATURE
TRAIL**

6401 FLORIDA AVE
NEW ORLEANS, LA 70117

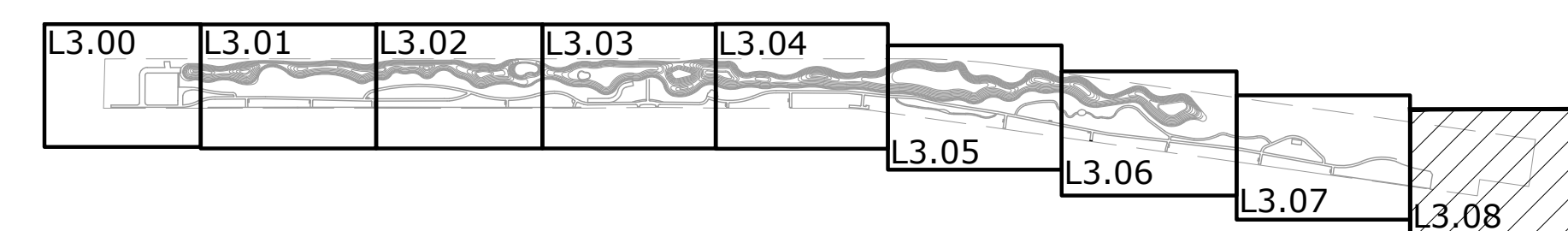
CONSULTANTS:

LEGEND

- LIMIT OF WORK
- - - PROPERTY LINE
- LOG EDGING
RE: 5/L4.01
-  CRUSHED OYSTER TRAIL
-  BONDED MULCH TRAIL

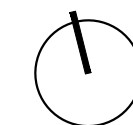
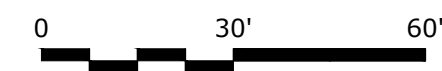


KEY PLAN



1 HARDSCAPE PLAN

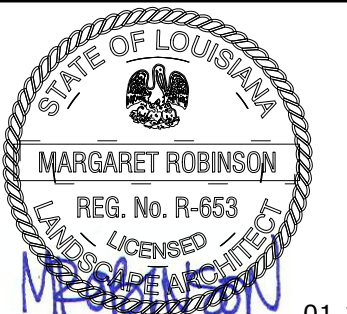
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01.14.2022

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SHEET DESCRIPTION & NO.

**HARDSCAPE
PLAN**

L3.08



ASAKURA
ROBINSON

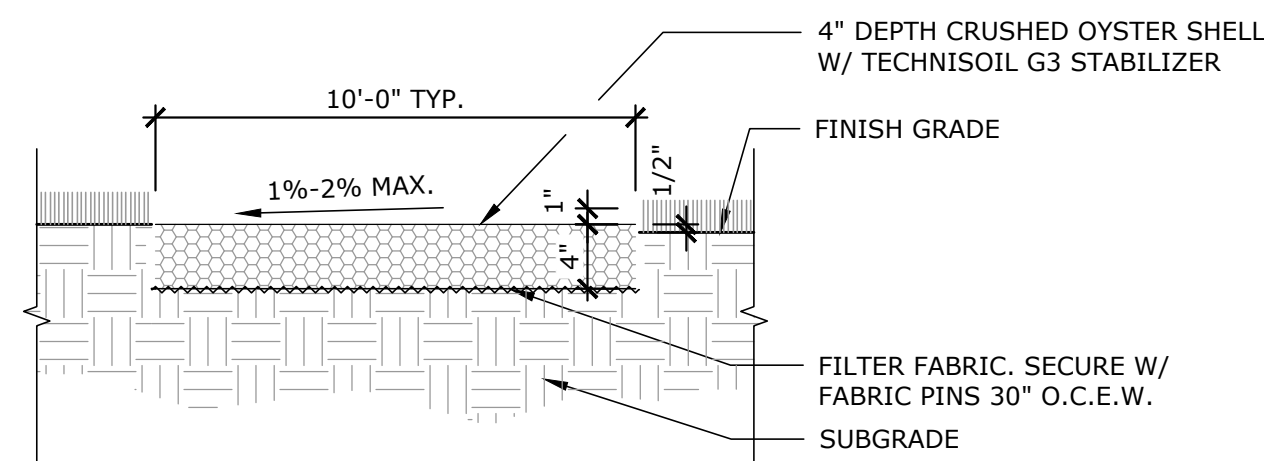
1224 East 12th Street, Suite 310 Austin, Texas 78702
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SANKOFA WETLAND
PARK AND NATURE
TRAIL

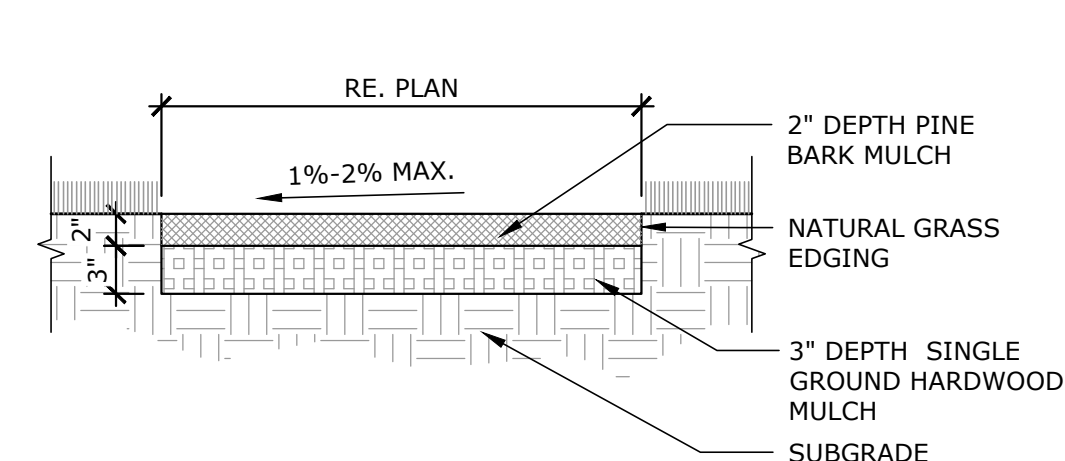
6401 FLORIDA AVE
NEW ORLEANS, LA 70117

CONSULTANTS:

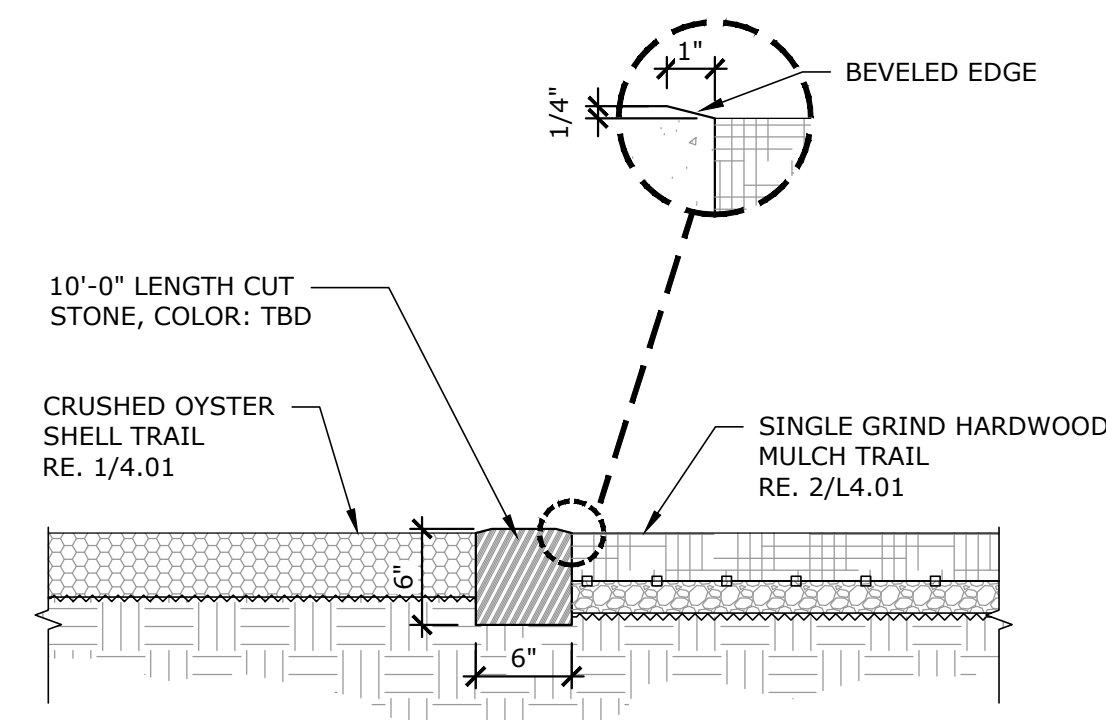
- CRUSHED OYSTER SHELL TRAIL & SINGLE GRIND HARDWOOD MULCH TRAIL NOTES:**
- ALL TRAILS SHALL MEET AMERICANS WITH DISABILITIES ACT (ADA).
 - CONTRACTOR SHALL SUBMIT 10' LENGTH, 10" WIDTH (OR SIZE AS REQUESTED BY OWNER) MOCKUP. MOCKUP SHOULD BE ACCESSIBLE PER ADA. MOCKUP SHOULD BE APPROVED BY OWNER'S AUTHORIZED REPRESENTATIVE, PRIOR TO CONSTRUCTION.



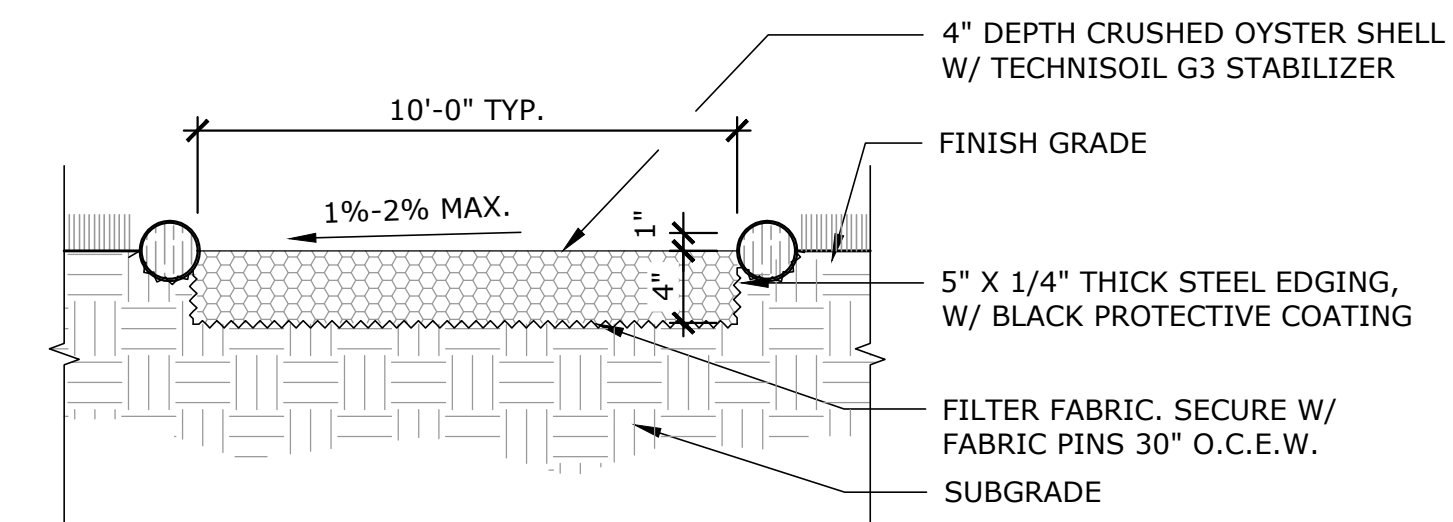
1 CRUSHED OYSTER SHELL TRAIL
SCALE: 1" = 1'-0"



2 BONDED MULCH TRAIL
SCALE: 1" = 1'-0"



3 TRANSITION FROM CRUSHED OYSTER SHELL TRAIL TO BONDED MULCH TRAIL
SCALE: 1" = 1'-0"



4 LOG EDGE ALONG OYSTER SHELL TRAIL
SCALE: 1" = 1'-0"

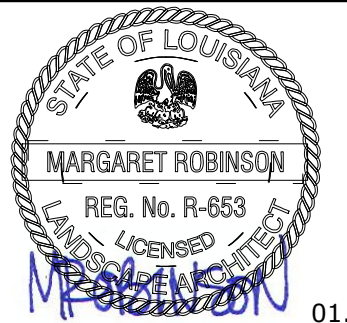
CONSTRUCTION NOTES :

- CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THE PLANS AND CONSULTING WITH SITE SUPERINTENDENT AND APPROPRIATE AGENCIES IN ORDER TO DETERMINE THE LOCATION OF ALL UNDERGROUND UTILITIES, PIPES, AND STRUCTURES. CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR ANY COST INCURRED DUE TO DAMAGE OF SAID UTILITIES.
- CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THE ACCURATE LOCATION OF PROPERTY LINES AND EASEMENTS, AND SHALL NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.
- CONTRACTOR SHALL NOT WILLFULLY PROCEED WITH CONSTRUCTION AS DESIGNED WHEN IT IS OBVIOUS THAT CONSTRUCTION AREA DISCREPANCIES AND/OR GRADE DIFFERENCES EXIST THAT MAY NOT HAVE BEEN KNOWN DURING DESIGN. SUCH CONDITIONS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE OWNER'S AUTHORIZED REPRESENTATIVE. CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY REVISIONS DUE TO FAILURE TO GIVE SUCH NOTIFICATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH SUBCONTRACTORS AS REQUIRED TO ACCOMPLISH ALL CONSTRUCTION OPERATIONS. ALL PIPING, CONDUIT, SLEEVES, ETC., SHALL BE SET IN PLACE PRIOR TO INSTALLATION OF CONSTRUCTION ITEMS.
- IF APPLICABLE, ALL EXISTING TREES AND TREE PRESERVATION AREAS SHALL BE PROTECTED PRIOR AND DURING CONSTRUCTION WITH TEMPORARY FENCING AS FOLLOWS: FENCING PROTECTION SHALL BE PLACED AROUND THE DRIP LINE OF ALL CLUSTERS OF TREES TO BE RETAINED. PROTECTION FENCING SHALL BE 3' METAL CHAIN LINK FENCE WITH POSTS AT 8'-0" O.C. CONTRACTOR MAY USE 4' T-POST WITH 4' ORANGE FIBERGLASS FENCING OR SIMILAR MATERIAL ONLY WITH PRIOR APPROVAL BY OWNER OR LANDSCAPE ARCHITECT.
- CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT OF ANY EXISTING MATERIALS THAT ARE DAMAGED DURING CONSTRUCTION. MATERIALS INCLUDE BOTH HARDSCAPE AND LANDSCAPE.
- ALL DIMENSIONS ARE MEASURED FROM FACE OF VERTICAL ELEMENTS. DIMENSIONS TAKEN FROM ROAD EDGE ARE FROM BACK OF CURB (B.O.C.) UNLESS OTHERWISE NOTED ON PLANS.
- ALL CONSTRUCTION ITEMS FORMED WITH A COMPACTED SUBGRADE AND/OR STEEL REINFORCEMENT SHALL BE OBSERVED AND APPROVED PRIOR TO INSTALLATION BY THE OWNER'S AUTHORIZED REPRESENTATIVE.
- WHEN IN DOUBT, CONTRACTOR SHALL STAKE THE LOCATIONS OF ALL SIDEWALKS, WALLS, OR ANY HARDSCAPE ELEMENT FOR APPROVAL BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE PRIOR TO COMMENCING CONSTRUCTION.
- WHEN REQUIRED BY OWNER, CONTRACTOR SHALL SUBMIT 4' x 4' SAMPLES (OR SIZE AS REQUESTED BY OWNER), OF ALL PAVING WITH JOINTS IN PLACE, PAVING ALTERNATES, FINISHES, AND COLORS. ALL SAMPLES SHALL BE APPROVED BY OWNER'S AUTHORIZED REPRESENTATIVE, PRIOR TO CONSTRUCTION.
- EXPANSION JOINTS SHALL BE PLACED IN ALL CASES WHERE CONCRETE OR NEW PAVING ABUTS VERTICAL STRUCTURES OR CONCRETE CURB.

ISSUE	DATE	DESCRIPTION

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HARDSCAPE DETAILS

L4.00



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SANKOFA WETLAND PARK AND NATURE TRAIL

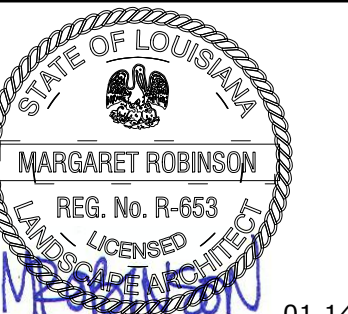
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CONSULTANTS:

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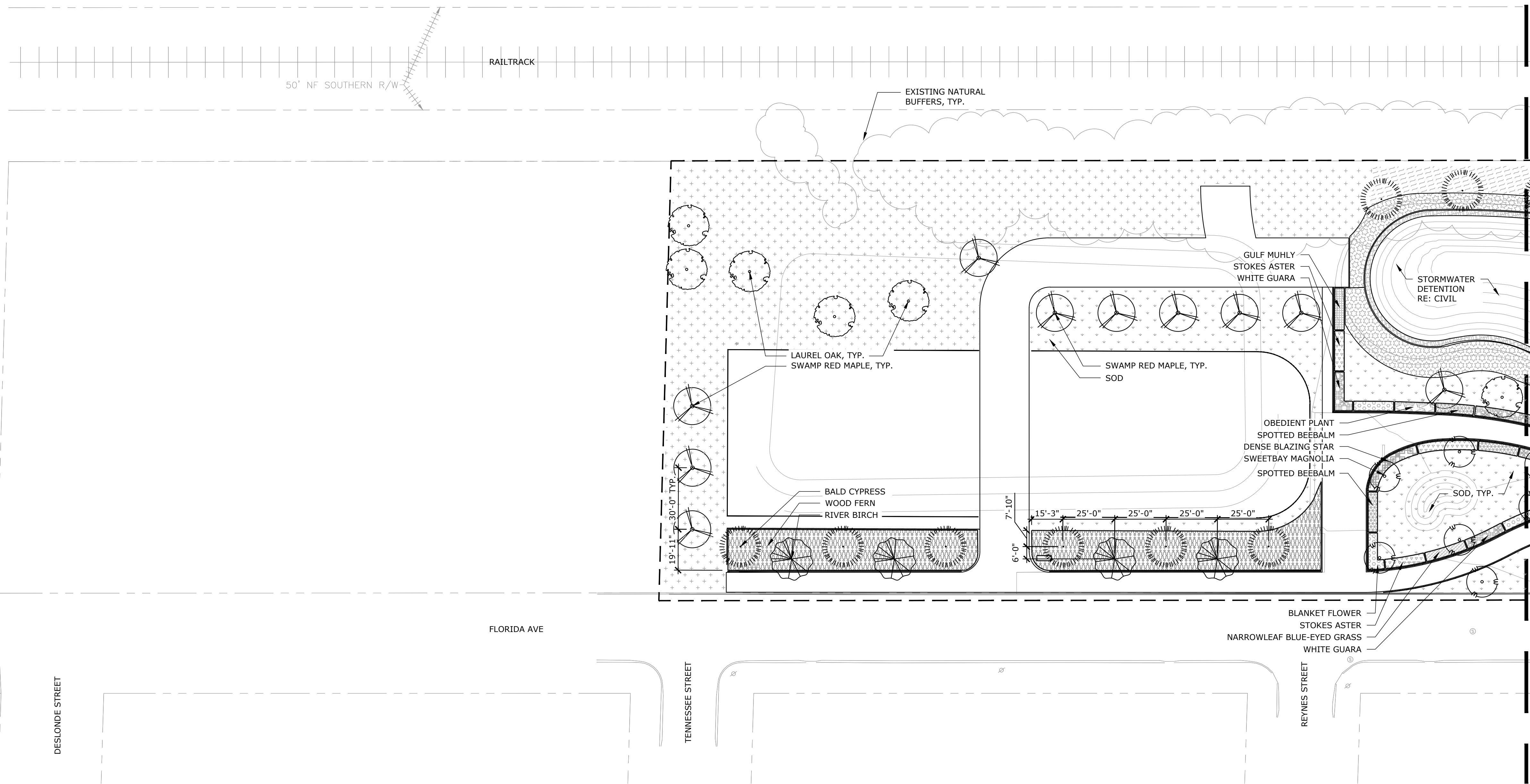
DATE:

PROJECT NO.:

SHEET DESCRIPTION & NO.

PLANTING PLAN

L6.00



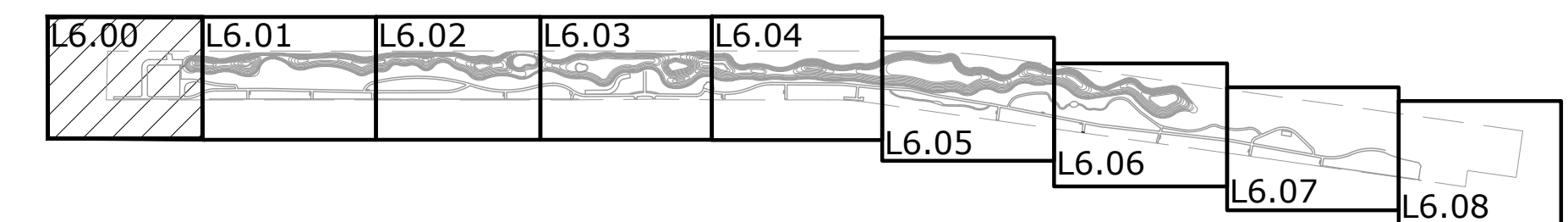
1 PLANTING PLAN SCALE: 1" = 30'-0"



LEGEND

- Limit of Work, Property Line, Existing Natural Buffers, Existing Tree, Bald Cypress, Laurel Oak, Swamp Red Maple, Sweet Bay Magnolia, Tulip Tree, Water Tupelo, River Birch, Sterile Bermuda Sprigging, Sod, Wetland Transition Seed Mix, Native Grass and Flower Seed Mix, Wetland Plug Planting, Gulf Muhly, Starrush Whitetop, Blanket Flower, Spotted Beebalm, Louisiana Blue Flag Iris, Narrowleaf Blue-eyed Grass, Stokes Aster, Dense Blazing Star, Scarlet Rosemallow, White Guara, Ebony Spleenwort, Wood Fern, American Beautyberry, Obdient Plant, Turk's Cap

KEY PLAN





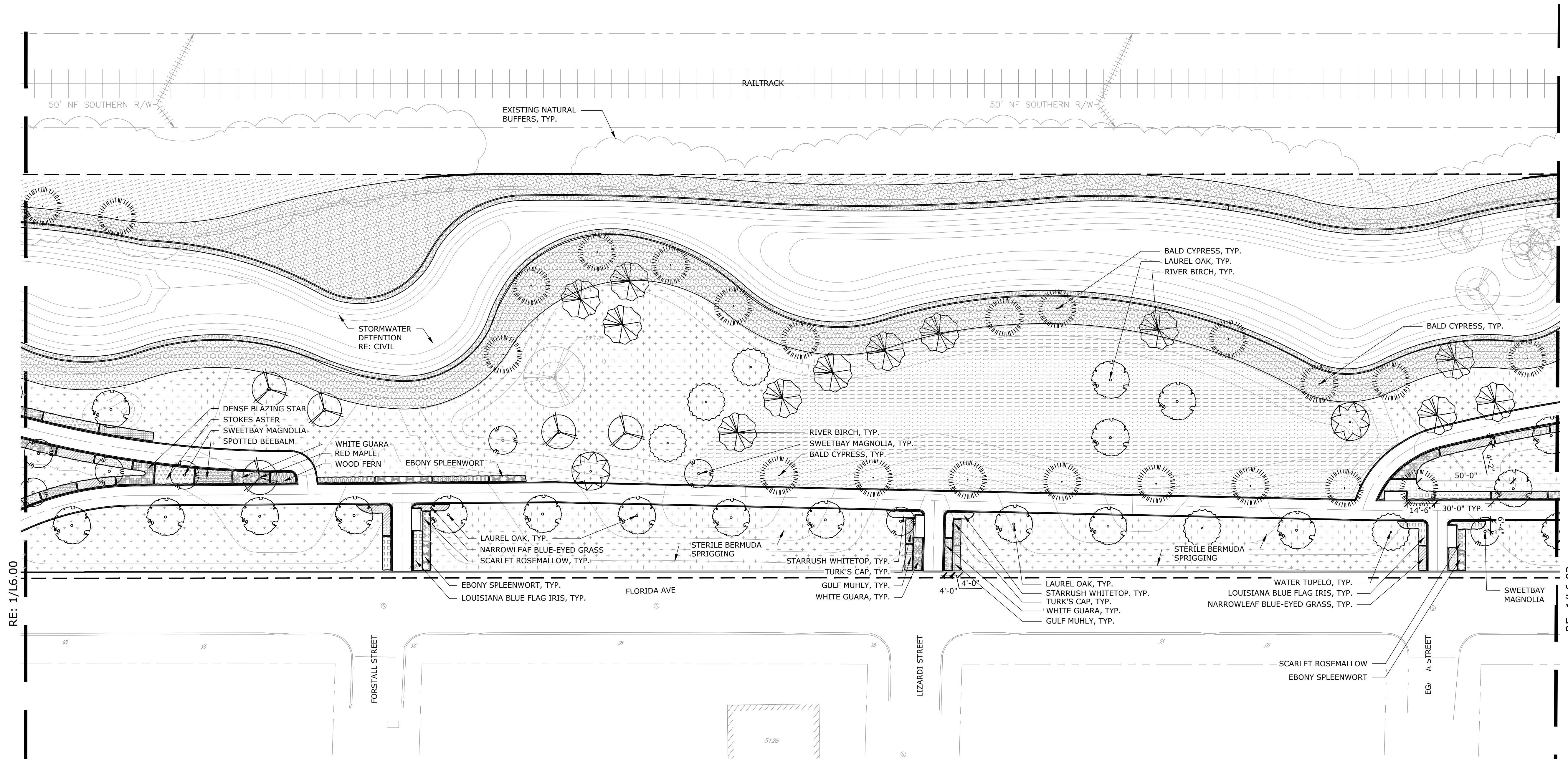
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SANKOFA WETLAND PARK AND NATURE TRAIL

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CONSULTANTS:



1 PLANTING PLAN

SCALE: 1" = 30'-0"



LEGEND

- LIMIT OF WORK
PROPERTY LINE
EXISTING NATURAL BUFFERS
EXISTING TREE
BALD CYPRESS
LAUREL OAK
SWAMP RED MAPLE
SWEET BAY MAGNOLIA
TULIP TREE
WATER TUPELO
RIVER BIRCH
STERILE BERMUDA SPRIGGING
SOD
WETLAND TRANSITION SEED MIX
NATIVE GRASS AND FLOWER SEED MIX
WETLAND PLUG PLANTING
GULF MUHLY
STARRUSH WHITETOP
BLANKET FLOWER
SPOTTED BEEBALM
LOUISIANA BLUE FLAG IRIS
NARROWLEAF BLUE-EYED GRASS
STOKES ASTER
DENSE BLAZING STAR
SCARLET ROSEMALLOW
WHITE GUARA
EBONY SPLEENWORT
WOOD FERN
AMERICAN BEAUTYBERRY
OBEDIENT PLANT
TURK'S CAP

KEY PLAN

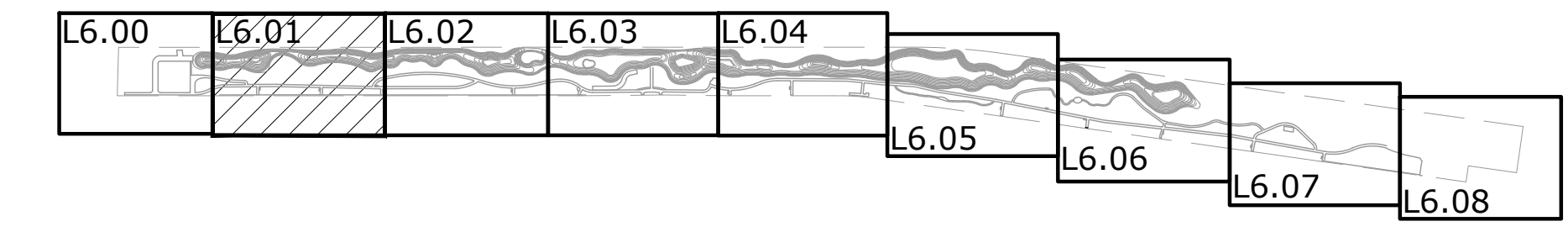
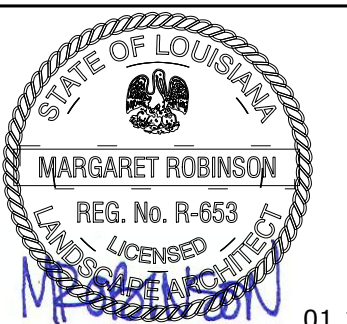


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Table with columns: REVISION, DESCRIPTION

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SHEET DESCRIPTION & NO.

PLANTING PLAN

L6.01



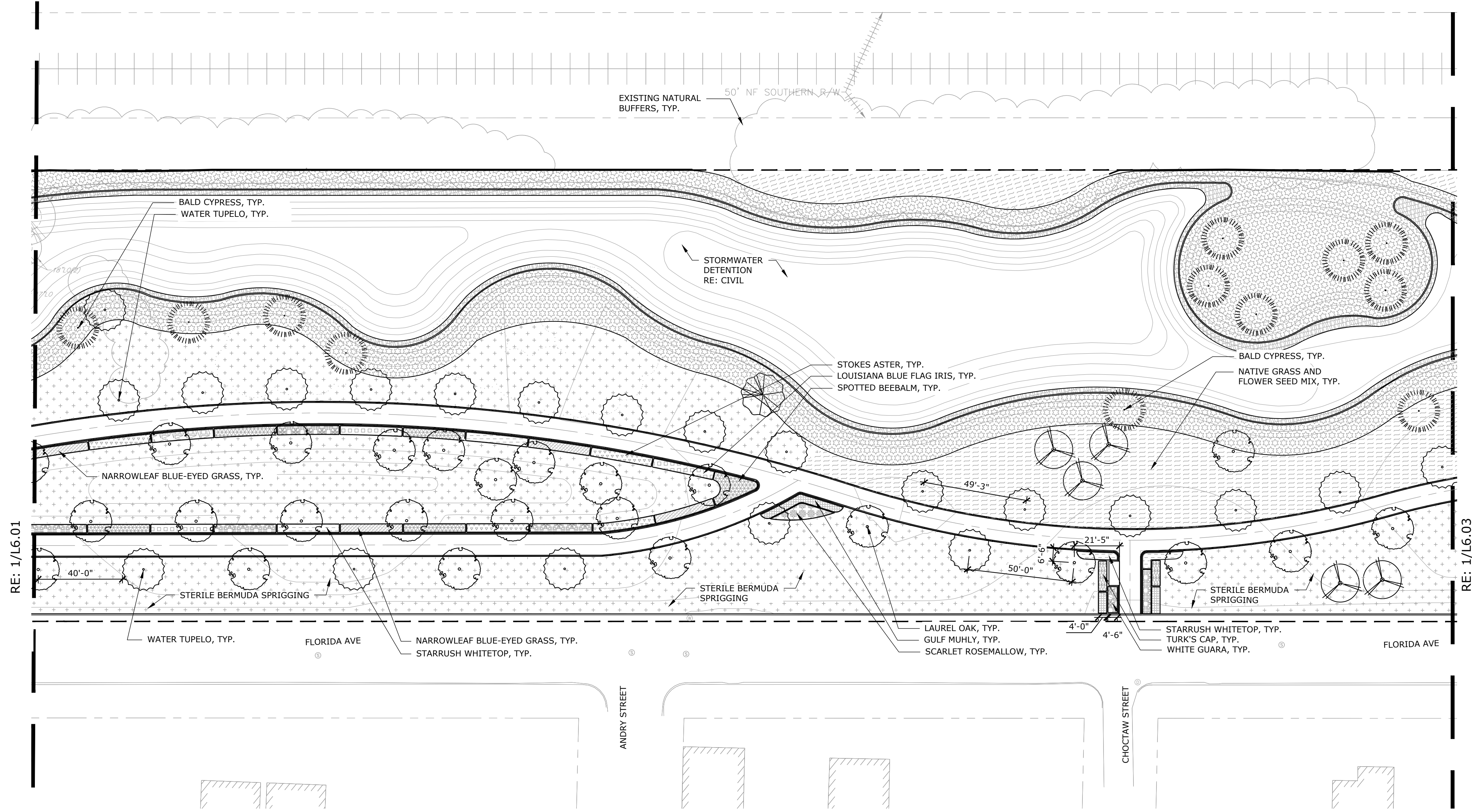
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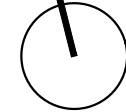


RE: 1/L6.01

RE: 1/L6.03

1 PLANTING PLAN

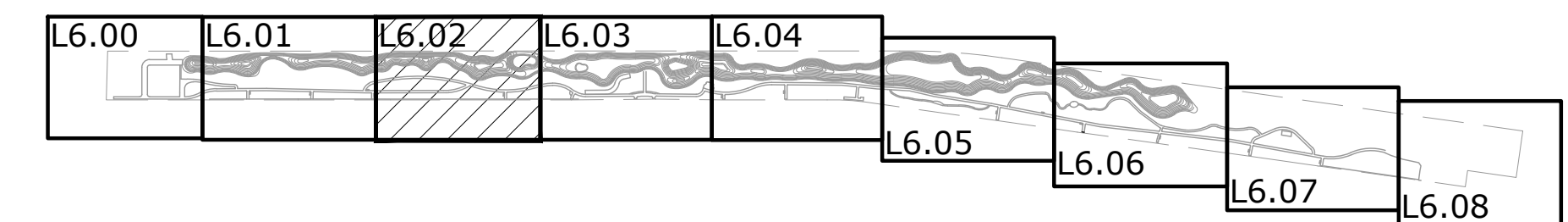
SCALE: 1" = 30'-0"



LEGEND

- LIMIT OF WORK
- - - PROPERTY LINE
- ☁ EXISTING NATURAL BUFFERS
- EXISTING TREE
- ⊙ BALD CYPRESS
- ⊙ LAUREL OAK
- ⊙ SWAMP RED MAPLE
- ⊙ SWEET BAY MAGNOLIA
- ⊙ TULIP TREE
- ⊙ WATER TUPELO
- ⊙ RIVER BIRCH
- ⊙ STERILE BERMUDA SPRIGGING
- ⊙ SOD
- ⊙ WETLAND TRANSITION SEED MIX
- ⊙ NATIVE GRASS AND FLOWER SEED MIX
- ⊙ WETLAND PLUG PLANTING
- ⊙ GULF MUHLY
- ⊙ STARRUSH WHITETOP
- ⊙ BLANKET FLOWER
- ⊙ SPOTTED BEEBALM
- ⊙ LOUISIANA BLUE FLAG IRIS
- ⊙ NARROWLEAF BLUE-EYED GRASS
- ⊙ STOKES ASTER
- ⊙ DENSE BLAZING STAR
- ⊙ SCARLET ROSEMALLOW
- ⊙ WHITE GUARA
- ⊙ EBONY SPLEENWORT
- ⊙ WOOD FERN
- ⊙ AMERICAN BEAUTYBERRY
- ⊙ OBEDIENT PLANT
- ⊙ TURK'S CAP

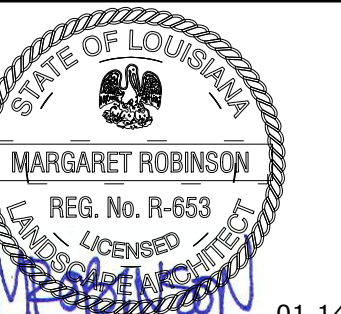
KEY PLAN



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PLANTING PLAN

L6.02



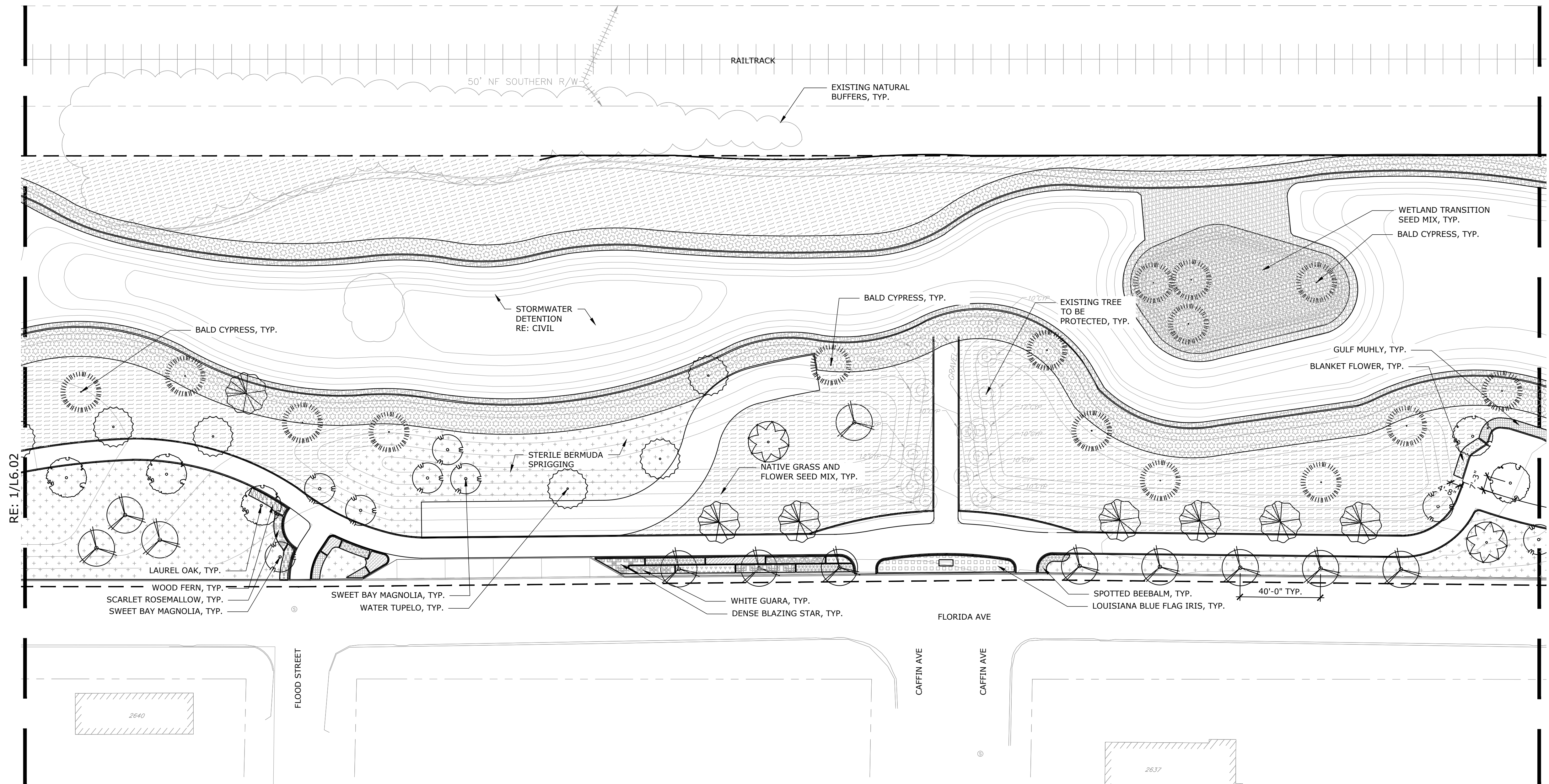
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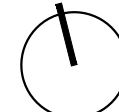


RE: 1/L6.02

RE: 1/L6.04

1 PLANTING PLAN

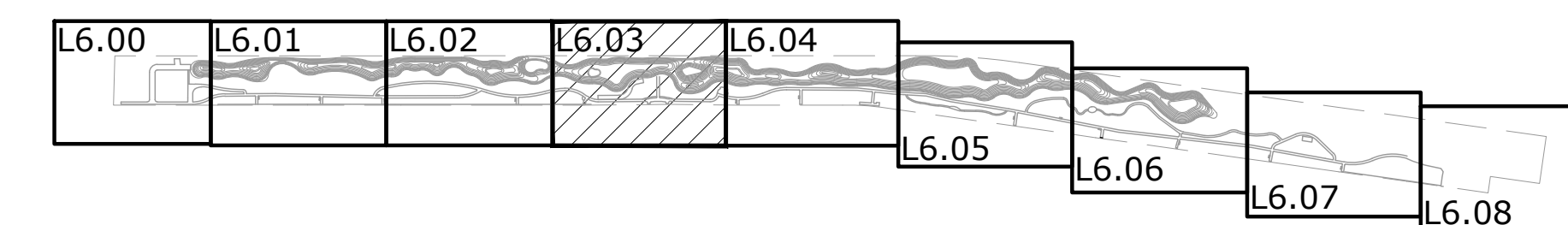
SCALE: 1" = 30'-0"



LEGEND

LIMIT OF WORK	SWAMP RED MAPLE	STERILE BERMUDA SPRIGGING	BLANKET FLOWER	WHITE GUARA
PROPERTY LINE	SWEET BAY MAGNOLIA	SOD	SPOTTED BEEBALM	EBONY SPLEENWORT
EXISTING NATURAL BUFFERS	TULIP TREE	WETLAND TRANSITION SEED MIX	LOUISIANA BLUE FLAG IRIS	WOOD FERN
EXISTING TREE	WATER TUPELO	NATIVE GRASS AND FLOWER SEED MIX	NARROWLEAF BLUE-EYED GRASS	AMERICAN BEAUTYBERRY
BALD CYPRESS	RIVER BIRCH	WETLAND PLUG PLANTING	STOKES ASTER	OBEDIENT PLANT
LAUREL OAK		GULF MUHLY	DENSE BLAZING STAR	TURK'S CAP
		STARRUSH WHITETOP	SCARLET ROSEMALLOW	

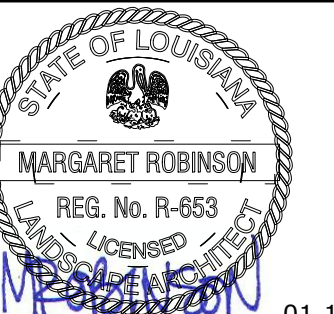
KEY PLAN



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PLANTING PLAN

L6.03



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1 PLANTING PLAN

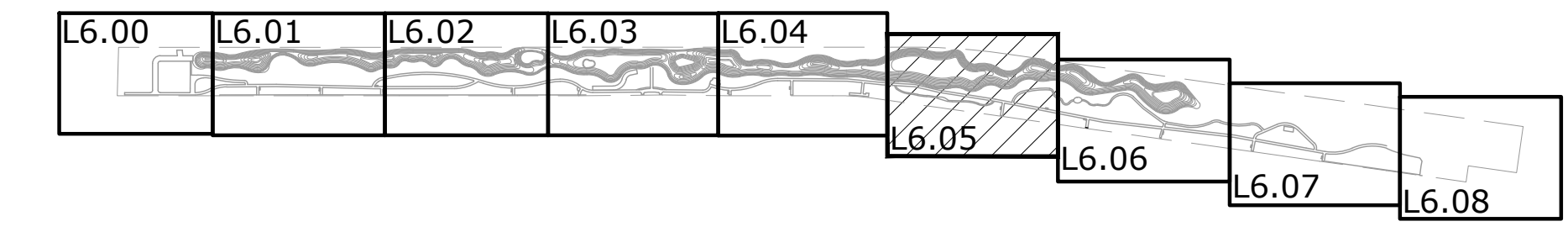
SCALE: 1" = 30'-0"



LEGEND

- LIMIT OF WORK (solid line)
PROPERTY LINE (dashed line)
EXISTING NATURAL BUFFERS (cloud symbol)
EXISTING TREE (circle with cross)
BALD CYPRESS (circle with radiating lines)
LAUREL OAK (circle with dots)
SWAMP RED MAPLE (circle with three lobes)
SWEET BAY MAGNOLIA (circle with four lobes)
TULIP TREE (circle with eight lobes)
WATER TUPELO (circle with six lobes)
RIVER BIRCH (circle with many small lobes)
STERILE BERMUDA SPRIGGING (square with dots)
SOD (square with horizontal lines)
WETLAND TRANSITION SEED MIX (square with diagonal lines)
NATIVE GRASS AND FLOWER SEED MIX (square with vertical lines)
WETLAND PLUG PLANTING (square with grid)
GULF MUHLY (square with horizontal lines)
STARRUSH WHITETOP (square with vertical lines)
BLANKET FLOWER (square with dots)
SPOTTED BEEBalm (square with dots)
LOUISIANA BLUE FLAG IRIS (square with vertical lines)
NARROWLEAF BLUE-EYED GRASS (square with horizontal lines)
STOKES ASTER (square with grid)
DENSE BLAZING STAR (square with grid)
SCARLET ROSEMALLOW (square with grid)
WHITE GUARA (square with dots)
EBONY SPLEENWORT (square with dots)
WOOD FERN (square with dots)
AMERICAN BEAUTYBERRY (square with dots)
OBEDIENT PLANT (square with dots)
TURK'S CAP (square with dots)

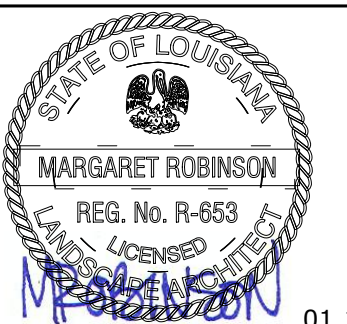
KEY PLAN



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PLANTING PLAN

L6.05



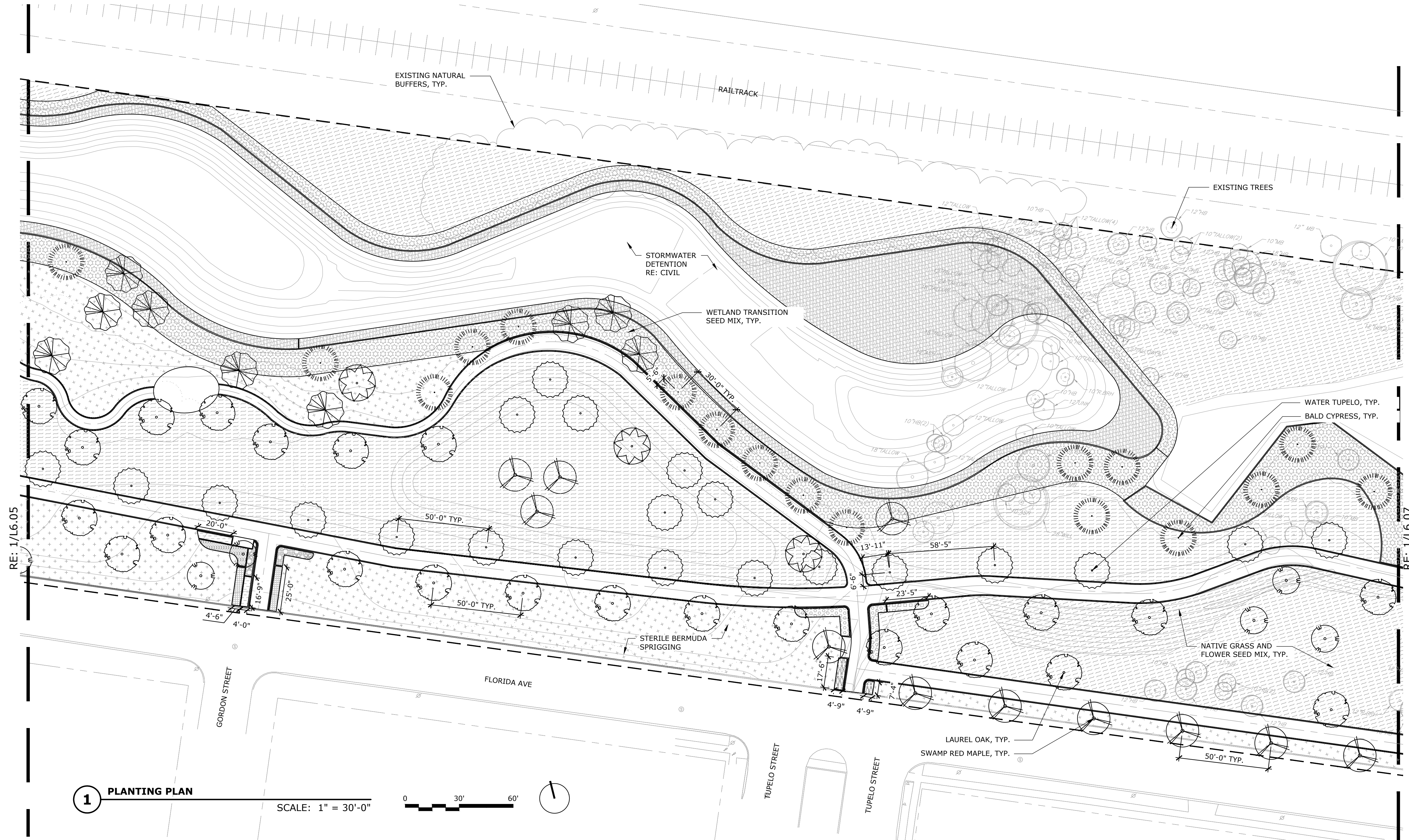
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1 PLANTING PLAN

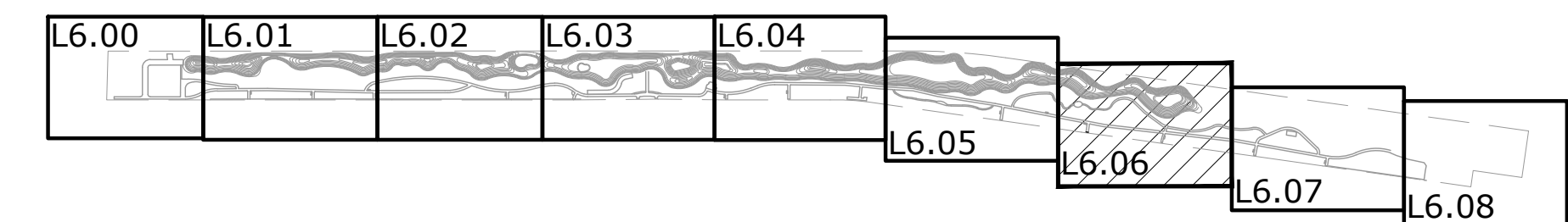
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LEGEND

LIMIT OF WORK	SWAMP RED MAPLE	STERILE BERMUDA SPRIGGING	BLANKET FLOWER	WHITE GUARA
PROPERTY LINE	SWEET BAY MAGNOLIA	SOD	SPOTTED BEEBALM	EBONY SPLEENWORT
EXISTING NATURAL BUFFERS	TULIP TREE	WETLAND TRANSITION SEED MIX	LOUISIANA BLUE FLAG IRIS	WOOD FERN
EXISTING TREE	WATER TUPELO	NATIVE GRASS AND FLOWER SEED MIX	NARROWLEAF BLUE-EYED GRASS	AMERICAN BEAUTYBERRY
BALD CYPRESS	RIVER BIRCH	WETLAND PLUG PLANTING	STOKES ASTER	OBEDIENT PLANT
LAUREL OAK		GULF MUHLY	DENSE BLAZING STAR	TURK'S CAP
		STARRUSH WHITETOP	SCARLET ROSEMALLOW	

KEY PLAN



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PLANTING PLAN

L6.06



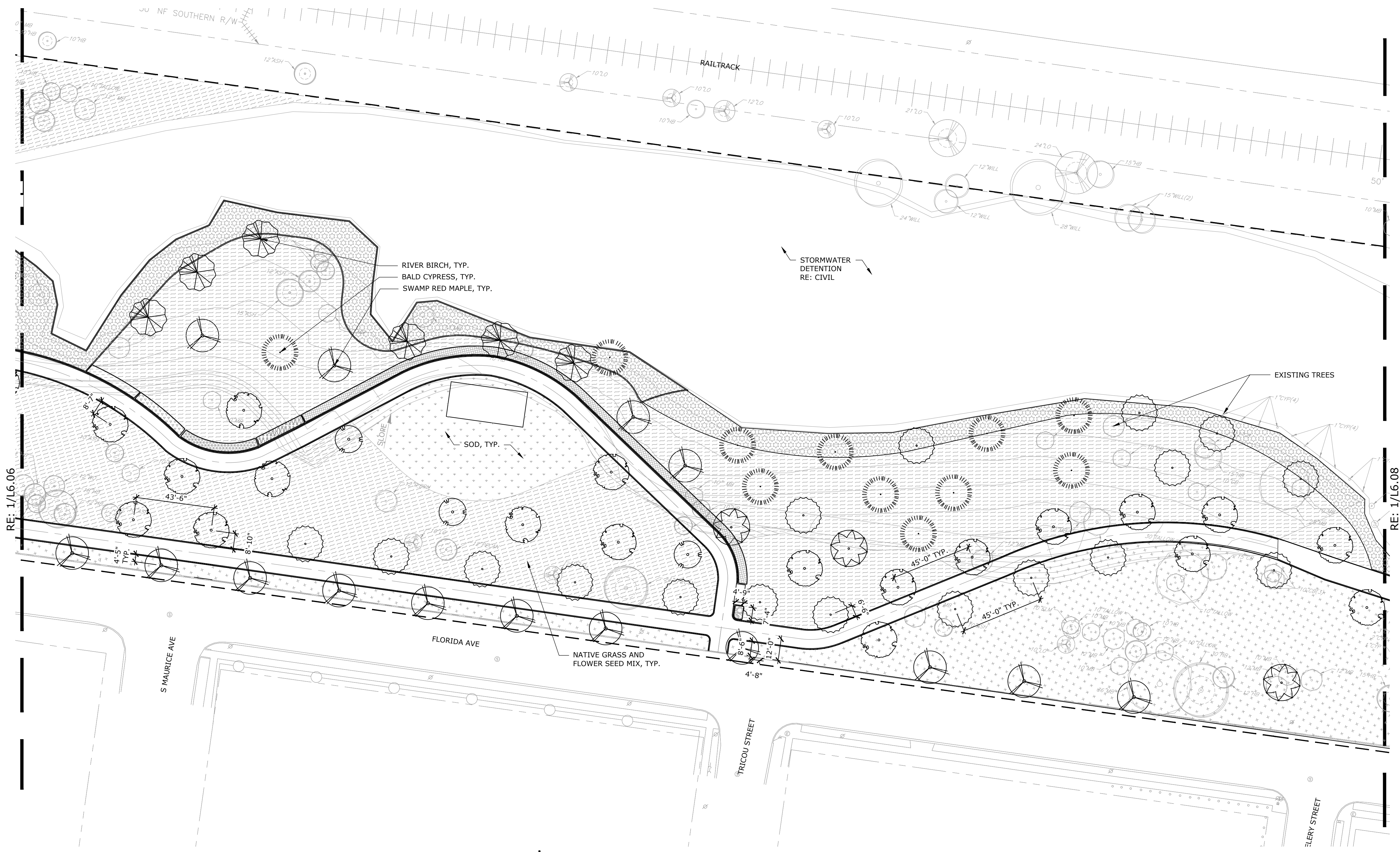
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SANKOFA WETLAND PARK AND NATURE TRAIL

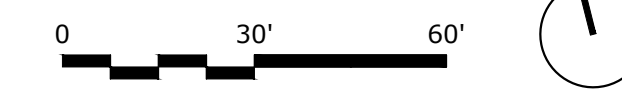
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CONSULTANTS:



1 PLANTING PLAN

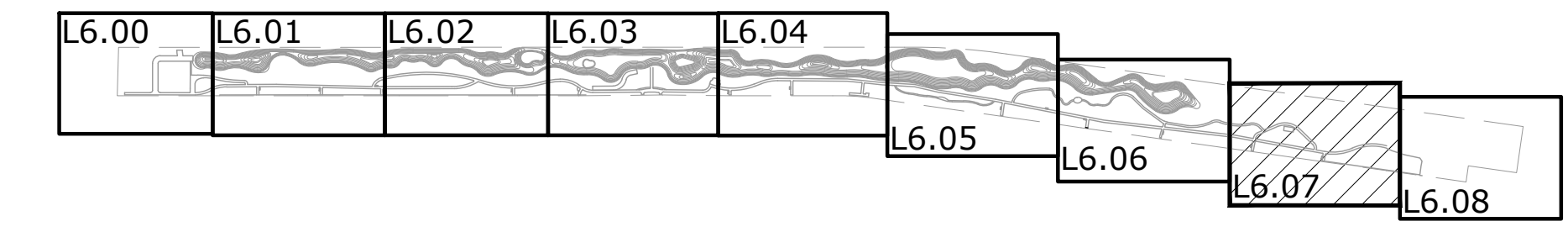
SCALE: 1" = 30'-0"



LEGEND

- LIMIT OF WORK
- - - PROPERTY LINE
- ☁ EXISTING NATURAL BUFFERS
- EXISTING TREE
- BALD CYPRESS
- LAUREL OAK
- SWAMP RED MAPLE
- SWEET BAY MAGNOLIA
- TULIP TREE
- WATER TUPELO
- RIVER BIRCH
- STERILE BERMUDA SPRIGGING
- SOD
- WETLAND TRANSITION SEED MIX
- NATIVE GRASS AND FLOWER SEED MIX
- WETLAND PLUG PLANTING
- GULF MUHLY
- STARRUSH WHITETOP
- BLANKET FLOWER
- SPOTTED BEEBALM
- LOUISIANA BLUE FLAG IRIS
- NARROWLEAF BLUE-EYED GRASS
- STOKES ASTER
- DENSE BLAZING STAR
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- EBONY SPLEENWORT
- WOOD FERN
- AMERICAN BEAUTYBERRY
- OBEDIENT PLANT
- TURK'S CAP

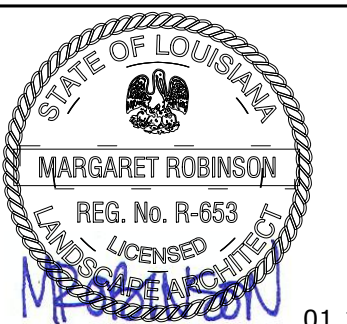
KEY PLAN



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REVISION	DESCRIPTION

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PLANTING PLAN

L6.07



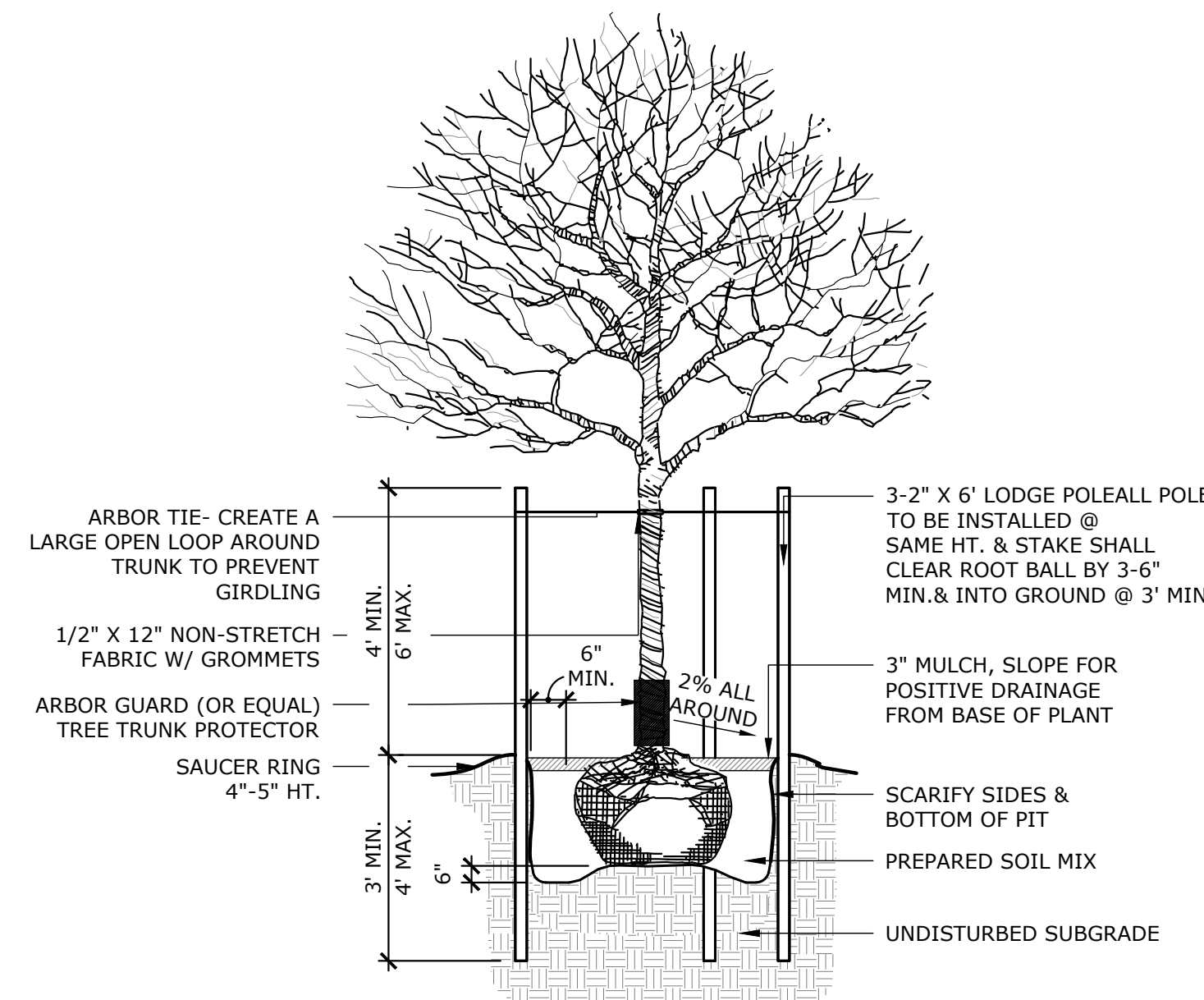
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SANKOFA WETLAND PARK AND NATURE TRAIL

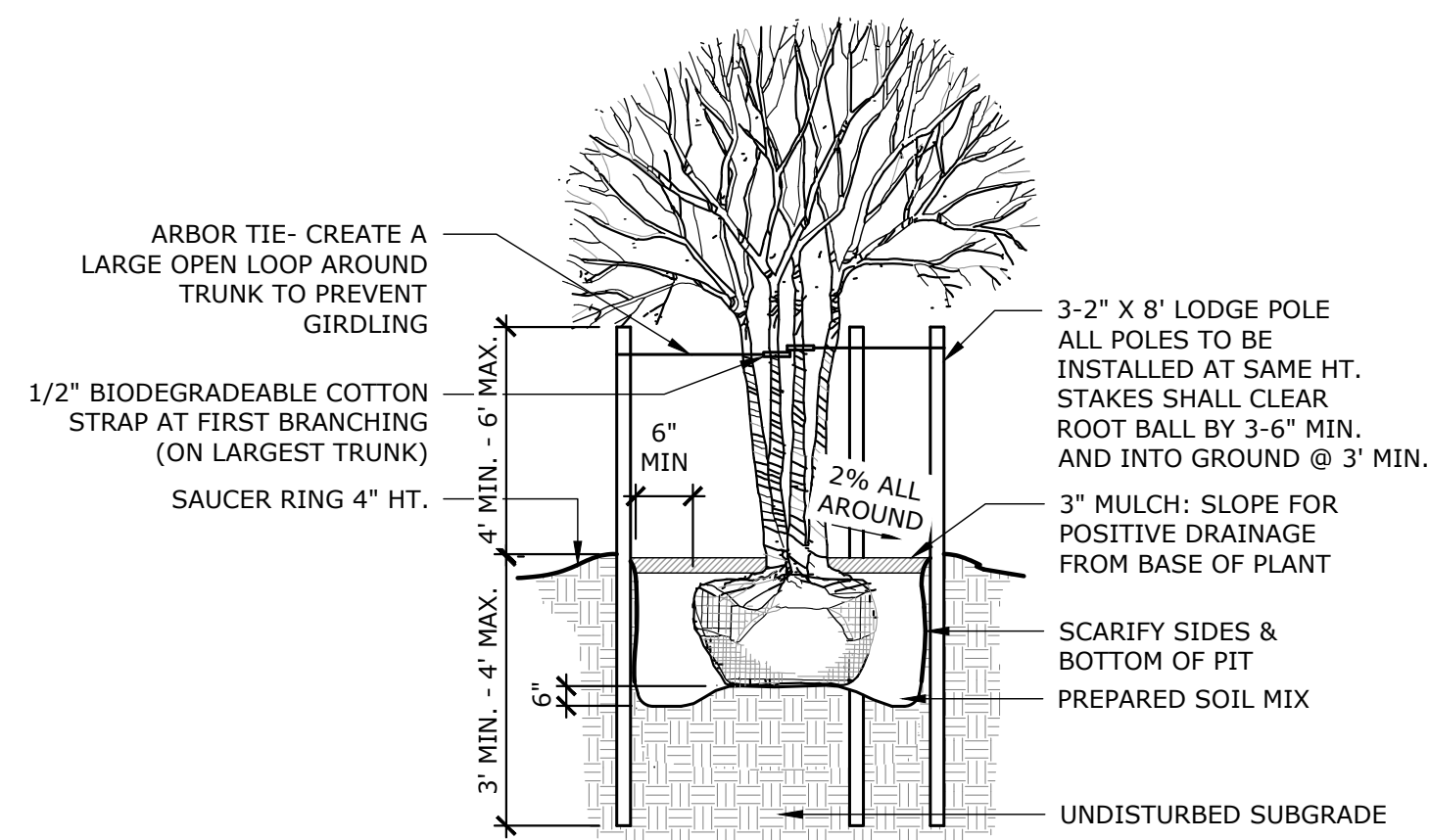
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CONSULTANTS:



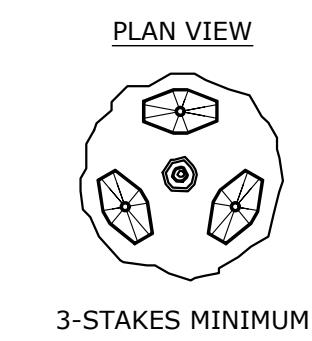
1 TYPICAL CANOPY TREE PLANTING DETAIL

SCALE: 3/8" = 1'-0"

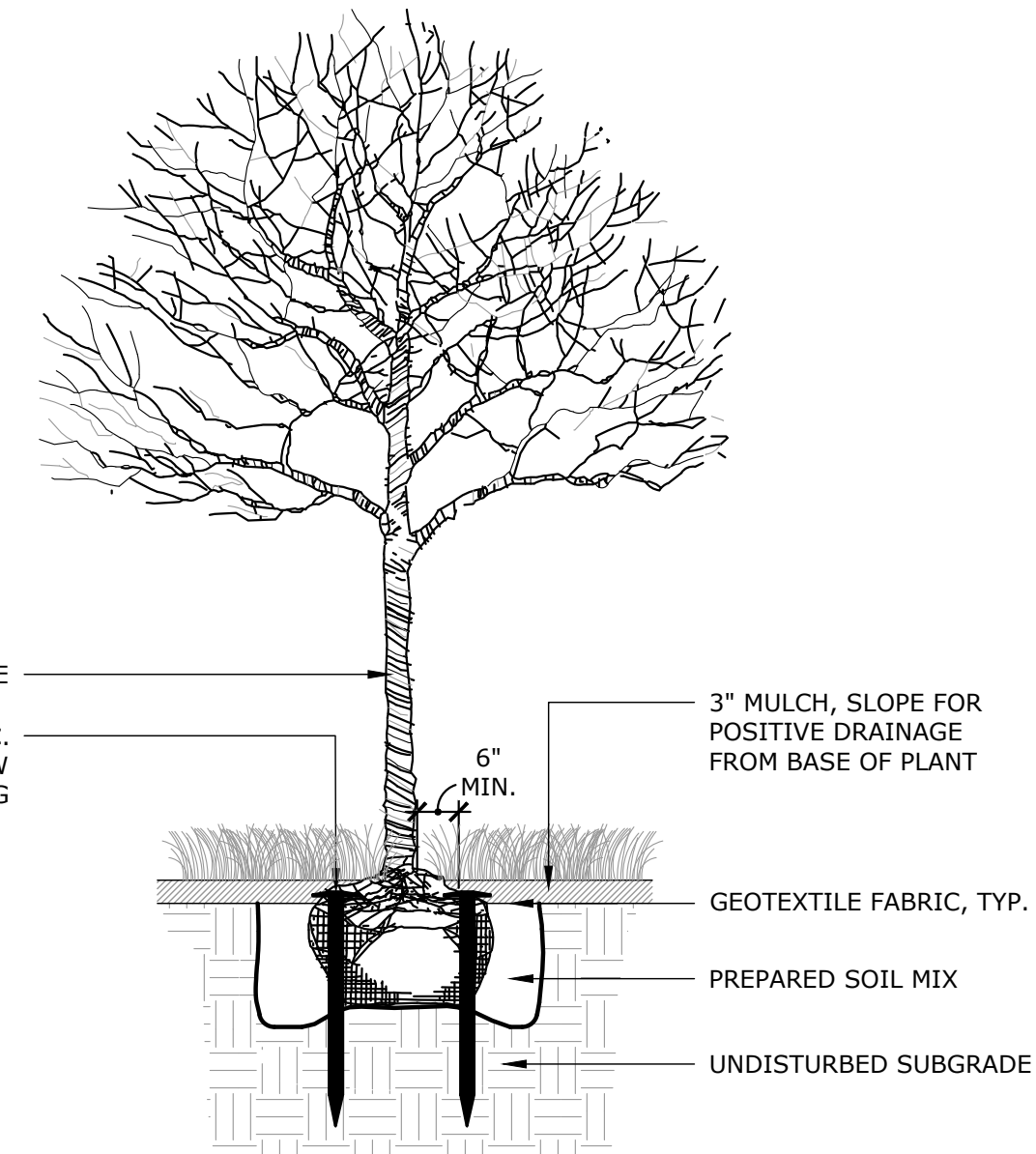


2 TYPICAL MULTI-TRUNK TREE OR LARGE SHRUB PLANTING DETAIL

SCALE: 3/8" = 1'-0"



3-STAKES MINIMUM

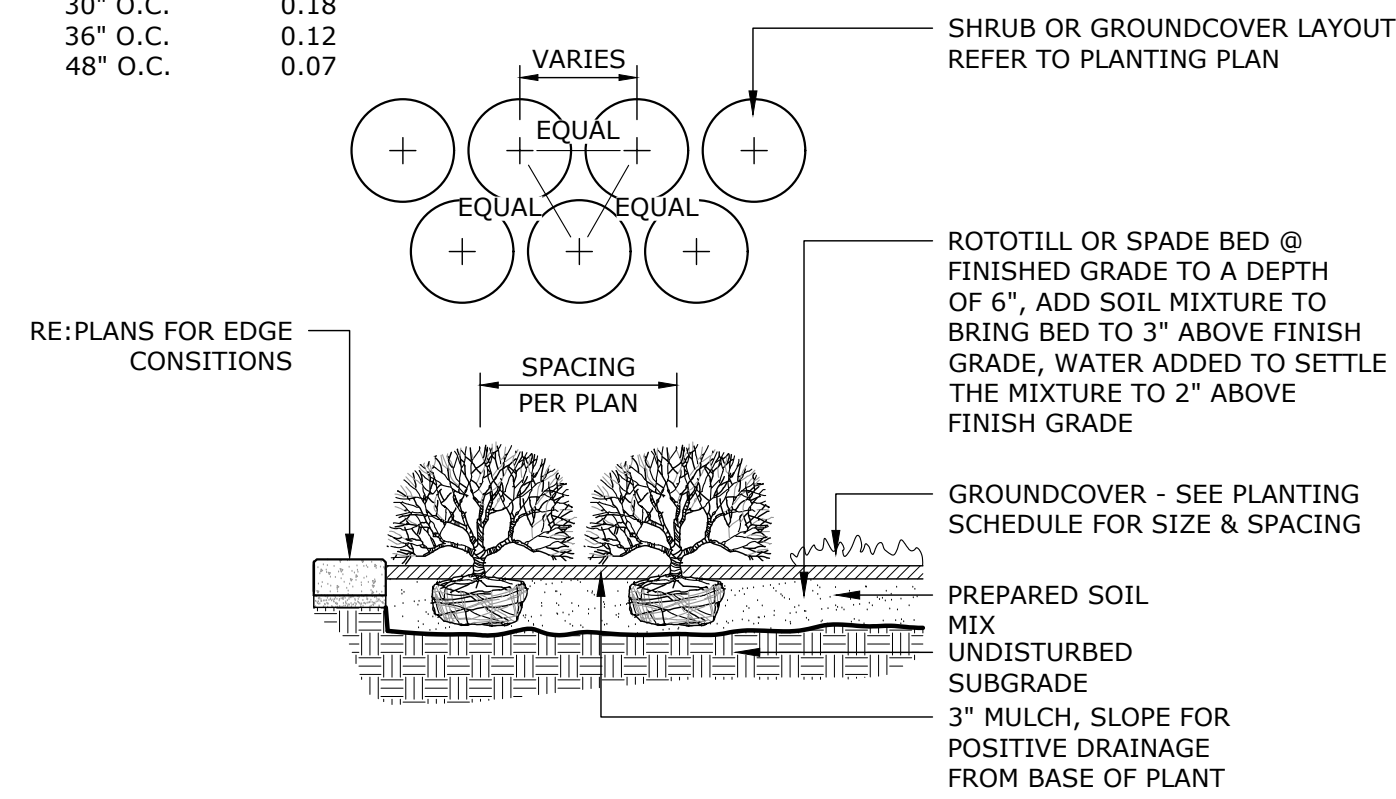


3 TREE PLANTING IN POND SHELF

SCALE: 3/8" = 1'-0"

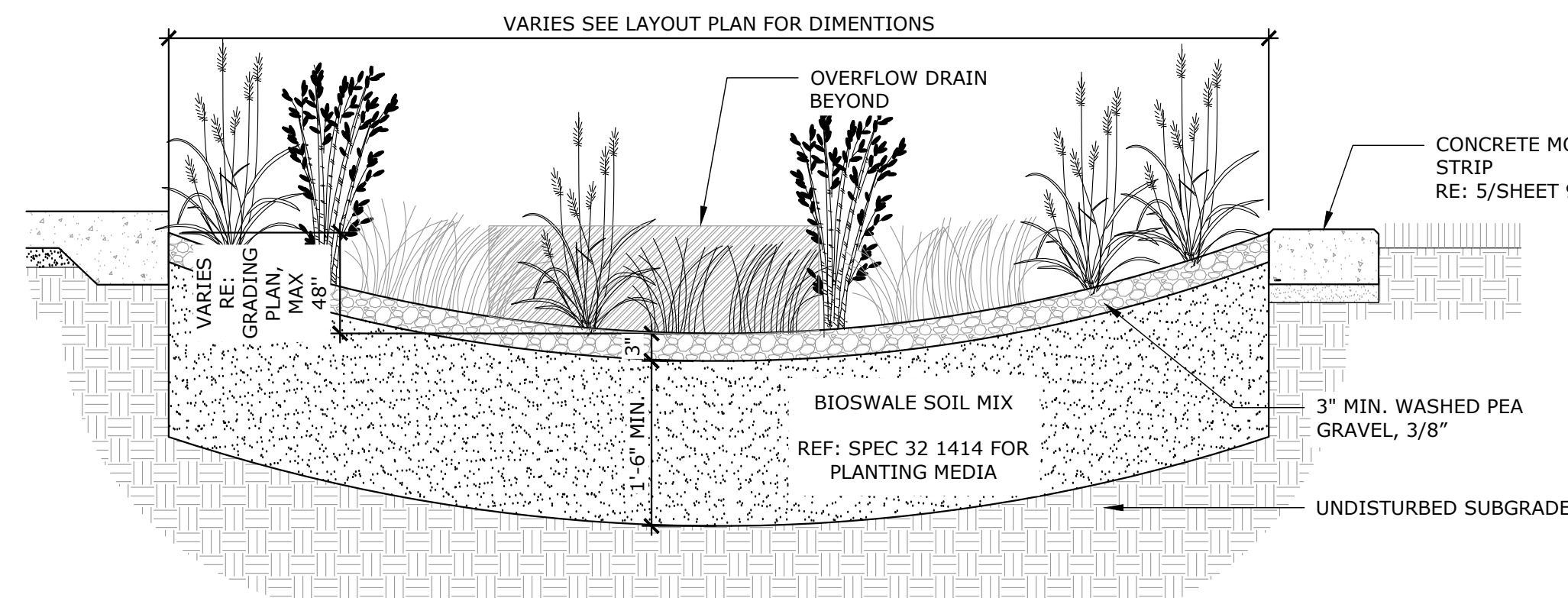
- NOTES:
1. MIN. STAKE QUANTITY IS (3).
2. ADD (1) STAKE PER CALIPER INCH GREATER THAN 3".
3. STAKES SHALL BE DRIVEN THROUGH ROOT BALL AS SHOWN.
4. ENSURE TRUNK BASE IS FREE FROM STAKING AND OTHER MATERIALS.
5. ABOVEGROUND GUYING AND/OR METALLIC STAKING SYSTEMS NOT ALLOWED AND SHALL BE REJECTED.
6. INSTALL STAKING SYSTEM AS PER MANUFACTURER'S INSTRUCTIONS.

Table with 2 columns: SPACING and PLANTS/SF. Lists spacing from 6" to 48" and corresponding plant density.



4 TYPICAL SHRUB / GROUND COVER PLANTING DETAIL & SPACING CHART

SCALE: 3/8" = 1'-0"



5 TYPICAL BIOSWALE DETAIL

SCALE: 3/4" = 1'-0"

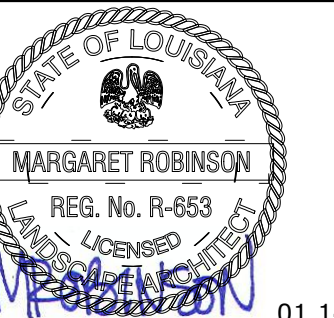
PLANTING NOTES :

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR BECOMING FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPES AND STRUCTURES.
2. CONTRACTOR SHALL NOT WILLFULLY PROCEED WITH CONSTRUCTION AS DESIGNED, WHEN IT IS OBVIOUS THAT UNKNOWN OBSTRUCTIONS AND/OR GRADE DIFFERENCES EXIST...
3. CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR NECESSARY REVISIONS DUE TO FAILURE TO GIVE SUCH NOTIFICATION.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH SUBCONTRACTORS AS REQUIRED TO ACCOMPLISH PLANTING.
5. CONTRACTOR SHALL NOTIFY OWNER'S AUTHORIZED REPRESENTATIVE 72 HOURS (WEEKENDS NOT INCLUDED) PRIOR TO COMMENCEMENT OF WORK...
6. IF CONFLICTS ARISE BETWEEN SIZE OF AREAS ON PLANS OR LAYOUT OF PLANS, CONTRACTOR SHALL CONTACT LANDSCAPE ARCHITECT FOR RESOLUTION.
7. PROTECT ALL EXISTING TREES TO REMAIN. CONTRACTOR SHALL REPLACE ANY TREES DAMAGED DURING CONSTRUCTION.
8. CONTRACTOR SHALL PROVIDE FOR THE FEEDING, WATERING, AND GENERAL MAINTENANCE OF TREES TO KEEP THEM IN A HEALTHY CONDITION DURING CONSTRUCTION DURATION.
9. CONTRACTOR SHALL SUBMIT PHOTOS/PDF'S OF REPRESENTATIVE TREES AND SHRUBS WITH SPECIFICATIONS INCLUDING SPECIES, HEIGHT, WIDTH, AND CALIPER.
10. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FURNISH PLANT MATERIALS FREE OF PESTS AND DISEASES.
11. CONTRACTOR SHALL STAKE ALL FINAL TREE LOCATIONS AND PLANTING BED LIMITS IN THE FIELD FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
12. UPON INSTALLATION ALL TREE MATERIALS SHALL BE STAKED ACCORDING TO SPECIFICATIONS AND PLANTING DETAILS.
13. IF REQUESTED BY OWNER CONTRACTOR SHALL INSTALL DEEP/ROOT BARRIERS AT ALL TREES WITHIN 5'-0" OF CONCRETE WALKWAYS, STRUCTURES, WALLS, CURBS, ETC.
14. ALL PLANTS SHALL BE TRIANGULARLY SPACED, UNLESS OTHERWISE INDICATED.
15. ALL PLANTING BEDS SHALL RECEIVE A MINIMUM OF 3" OF APPROVED SHREDDED MULCH.
16. CONTRACTOR SHALL FINE GRADE ALL DISTURBED AREAS TO PROVIDE FOR PROPER DRAINAGE.

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PLANTING DETAILS

L7.00



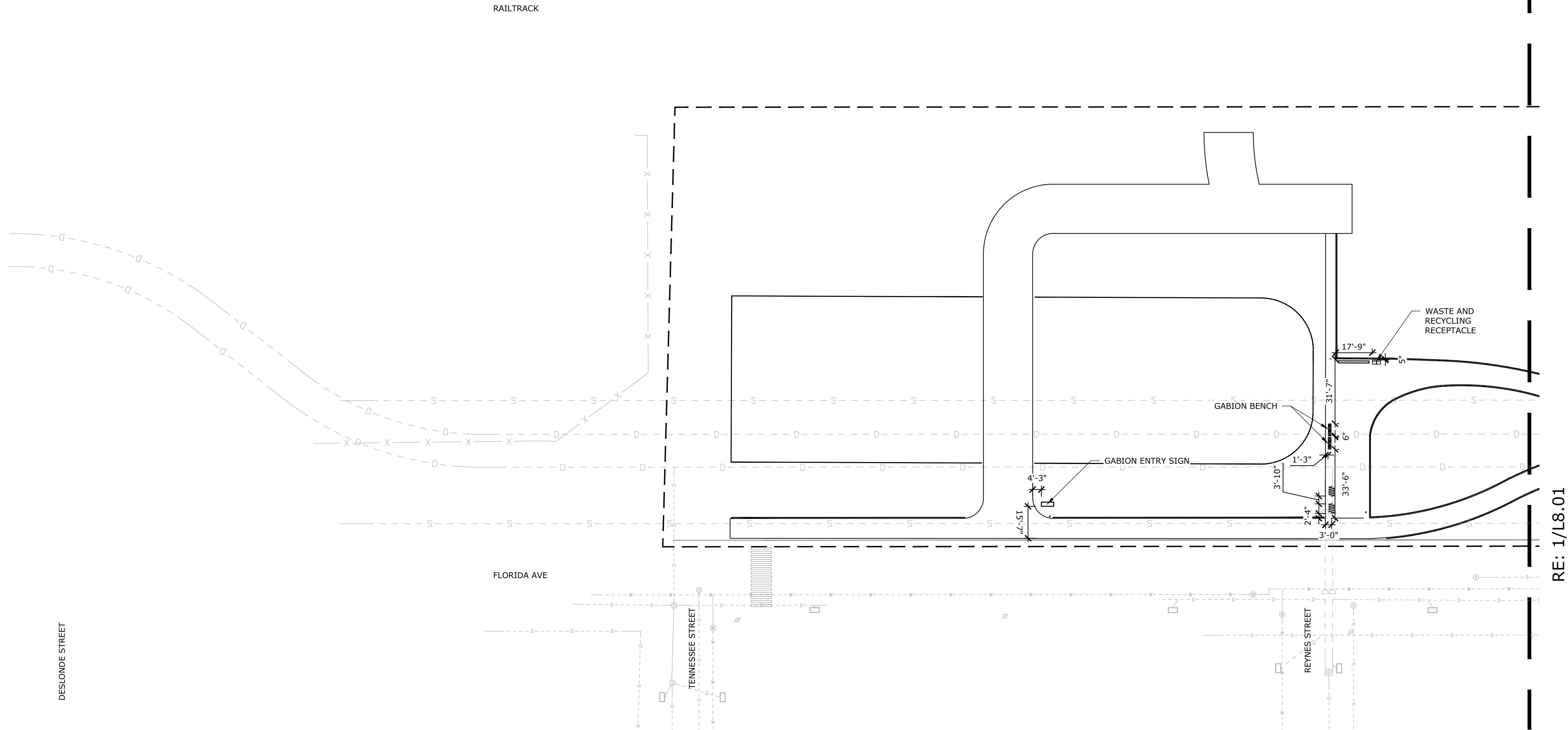
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1224 East 12th Street, Suite 310 Austin, Texas 78702
P: 512.351.9601 www.asakurarobinson.com

SANKOFA WETLAND PARK AND NATURE TRAIL

6401 FLORIDA AVE
NEW ORLEANS, LA 70117

CONSULTANTS:



RE: 1/L8.01

1 SITE FURNISHING PLAN

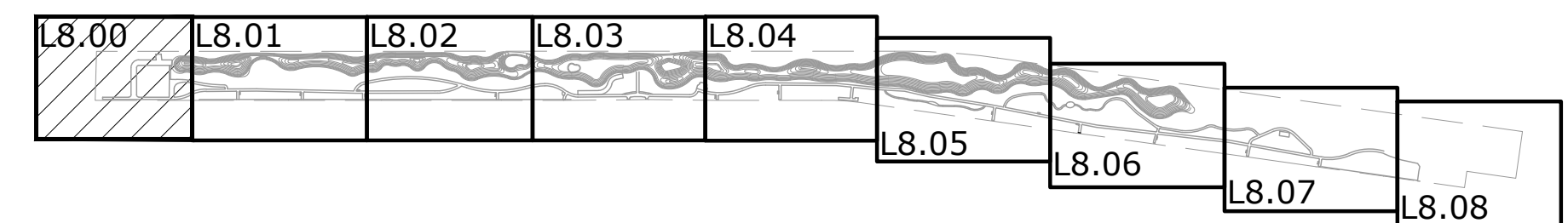
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LEGEND

- LIMIT OF WORK
- - - PROPERTY LINE
- ▮ GABION BENCH
- GABION ENTRY SIGN
- ☒ WASTE AND RECYCLING RECEPTACLE
- GABION WAYFINDING SIGNAGE
- ☐ BIKE RACK

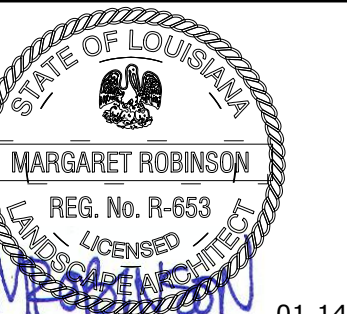
KEY PLAN



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REVISION	DESCRIPTION

SEAL / REGISTRATION



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SITE FURNISHING PLAN

L8.00



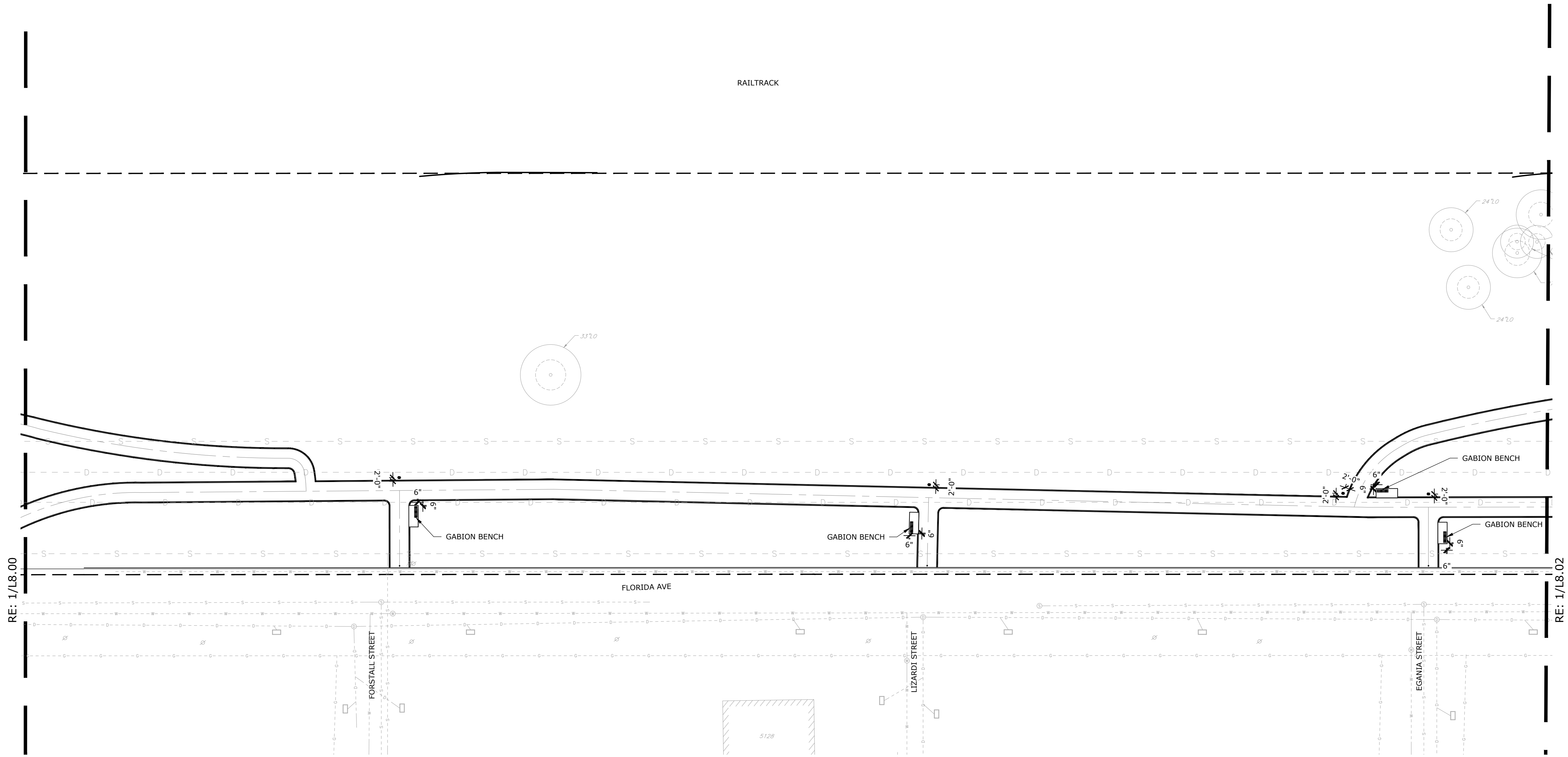
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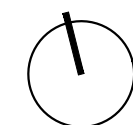
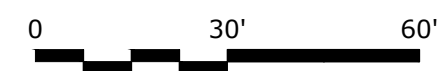
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CONSULTANTS:



1 SITE FURNISHING PLAN

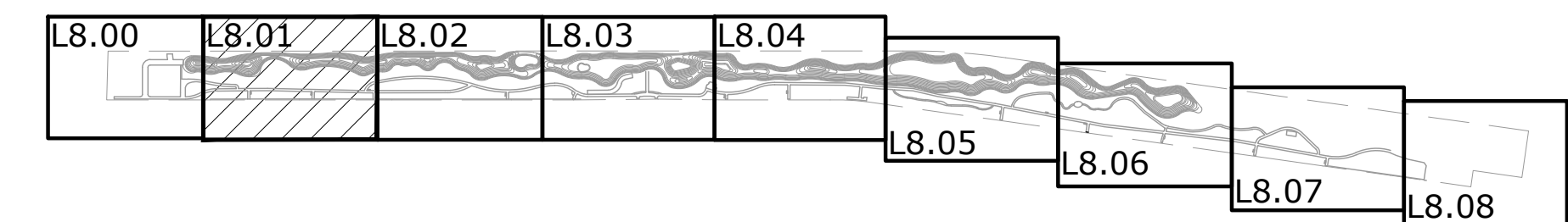
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LEGEND

- LIMIT OF WORK
- - - PROPERTY LINE
- ▬ GABION BENCH
- GABION ENTRY SIGN
- ⊞ WASTE AND RECYCLING RECEPTICLE
- GABION WAYFINDING SIGNAGE
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KEY PLAN



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SITE FURNISHING PLAN

L8.01



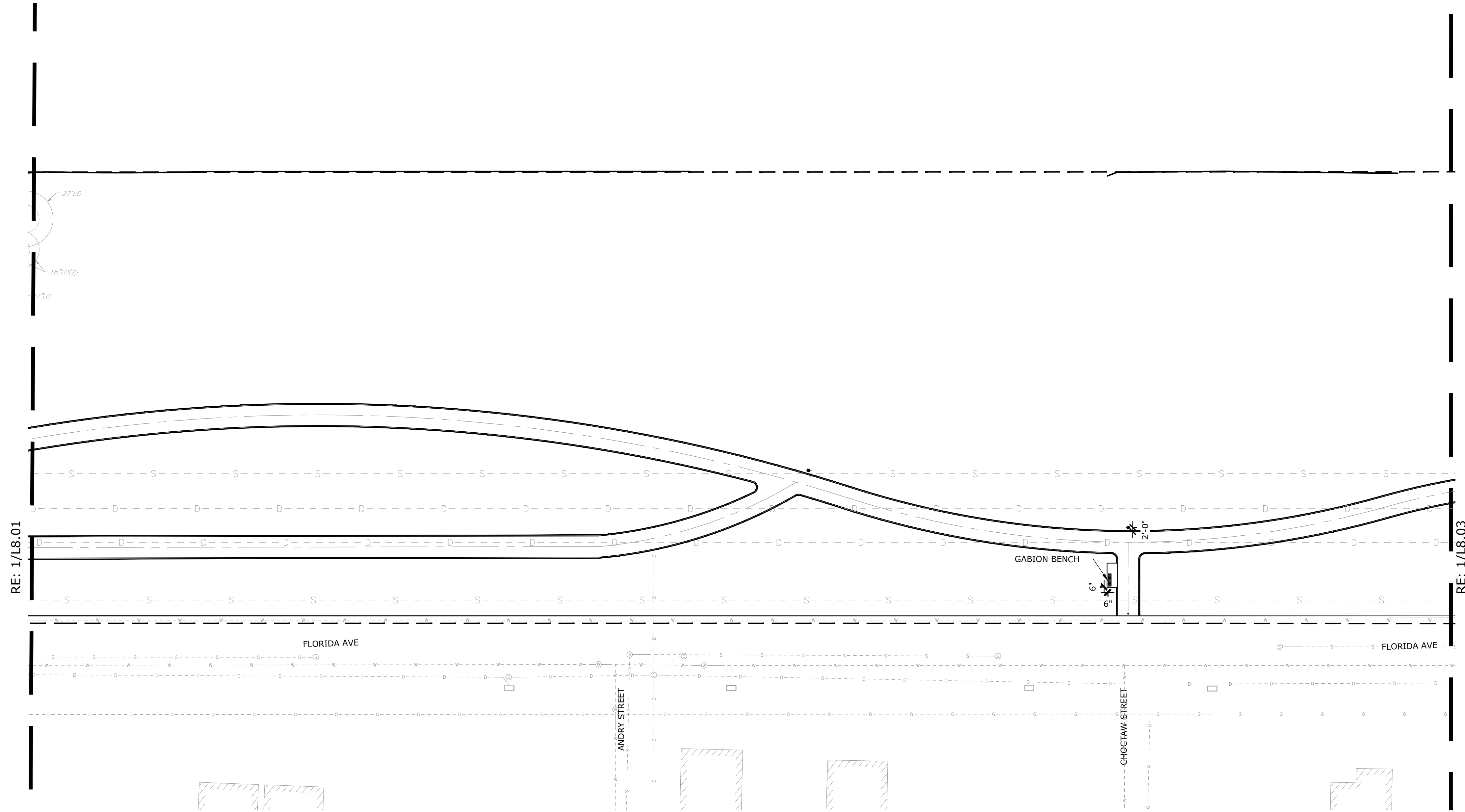
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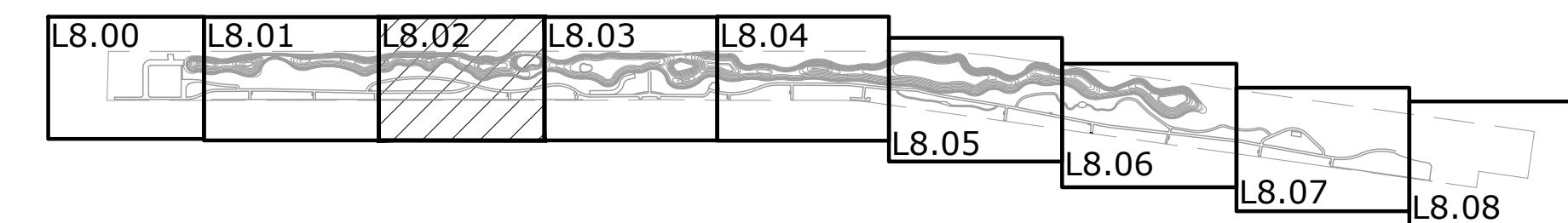


1 SITE FURNISHING PLAN SCALE: 1" = 30'-0"

LEGEND

- LIMIT OF WORK
- - - PROPERTY LINE
- ▬ GABION BENCH
- GABION ENTRY SIGN
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- ≡ BIKE RACK

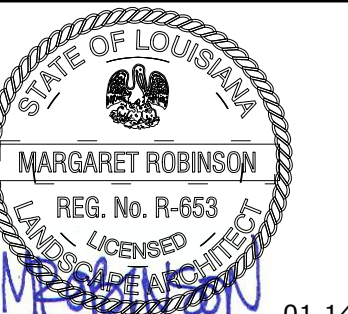
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L8.02



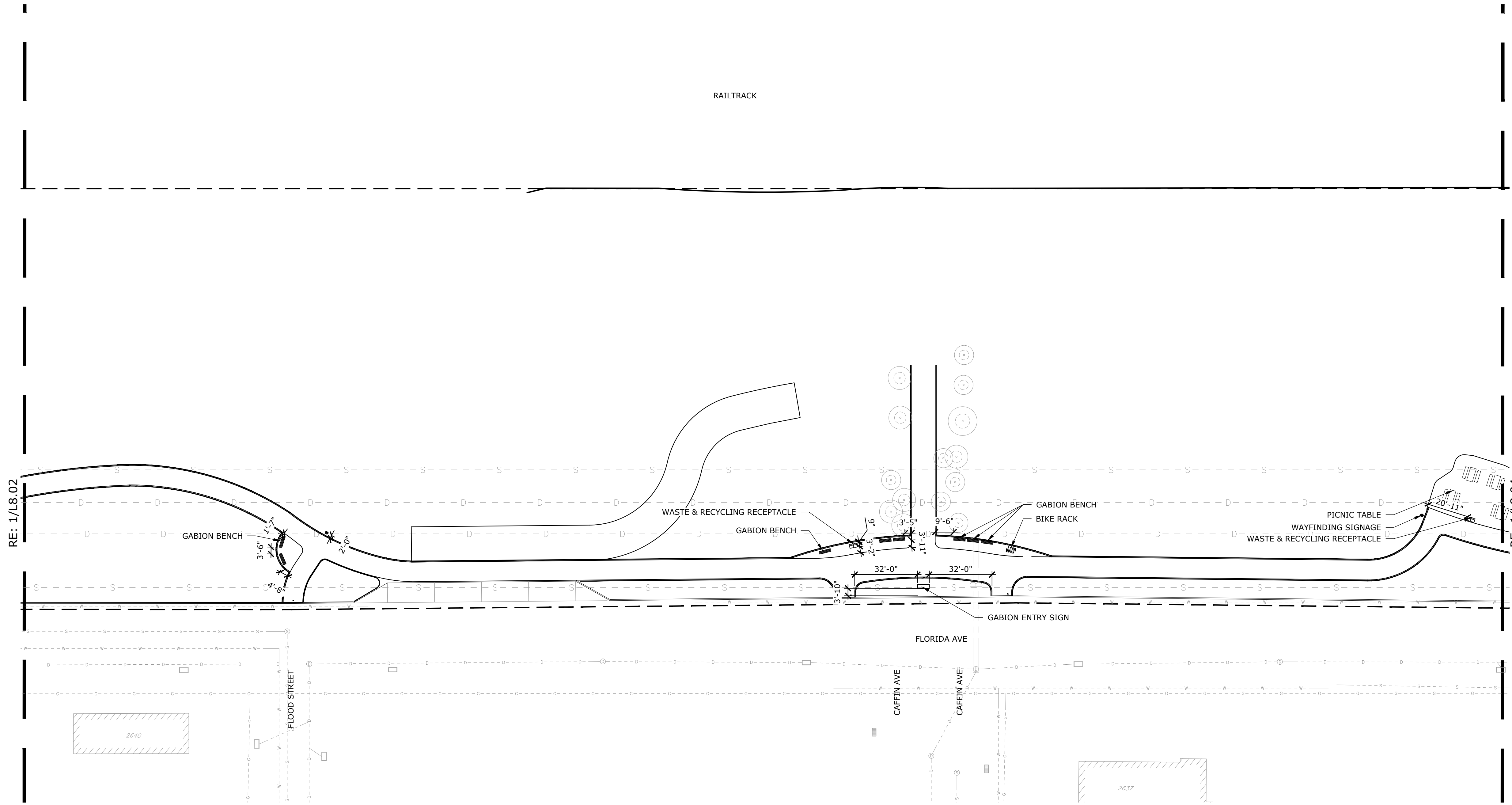
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RE: 1/L8.02

RE: 1/L8.04

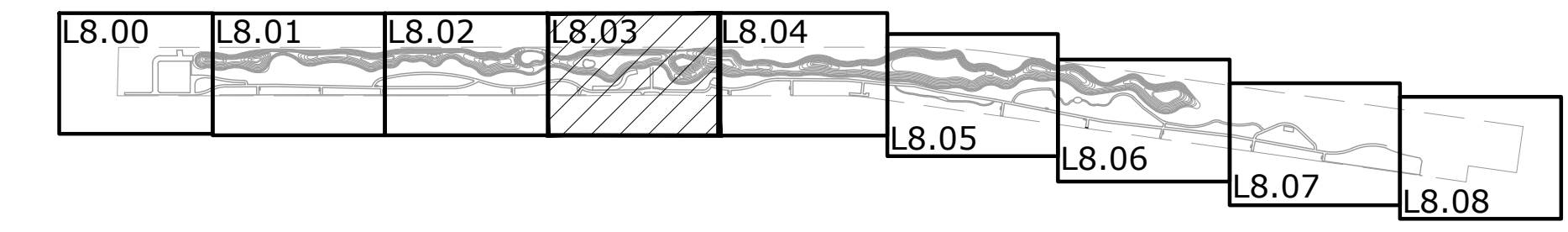
1 SITE FURNISHING PLAN
SCALE: 1" = 30'-0"



LEGEND

- LIMIT OF WORK
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- GABION BENCH
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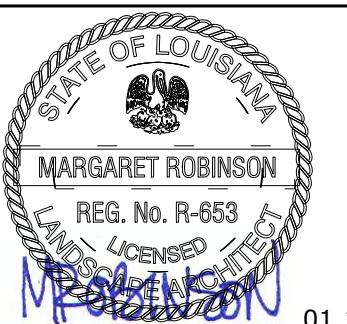
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SITE FURNISHING PLAN

L8.03

01.14.2022



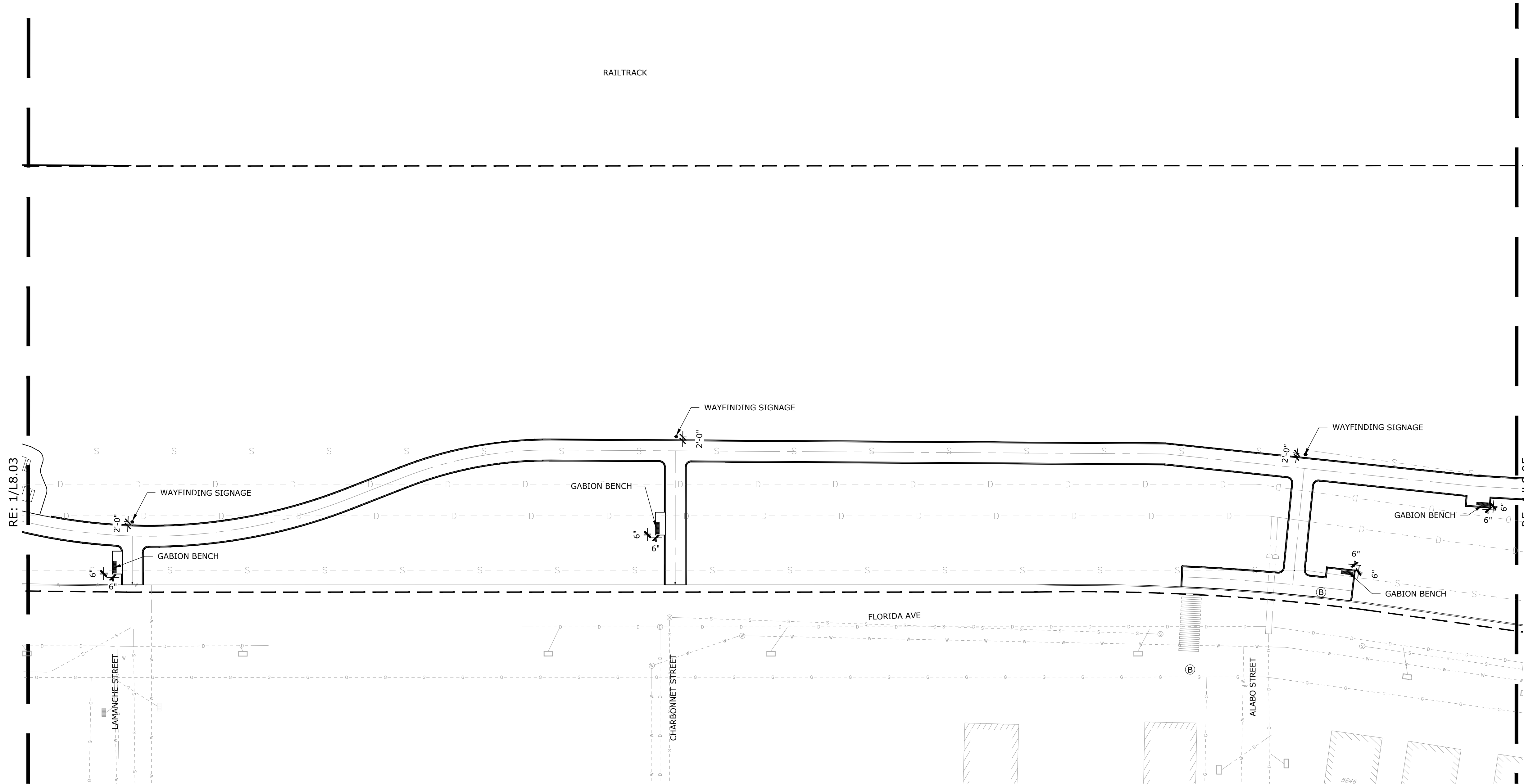
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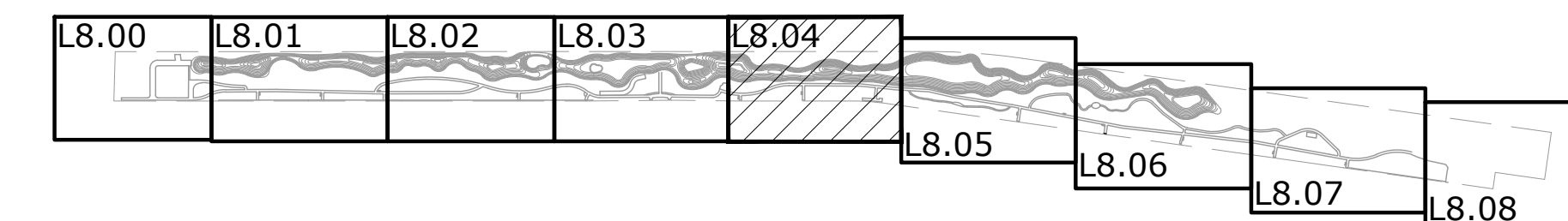
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LEGEND

- LIMIT OF WORK
- PROPERTY LINE
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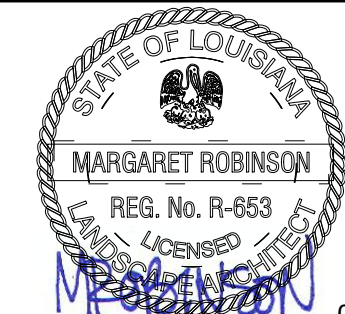
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**SITE FURNISHING
PLAN**

L8.04



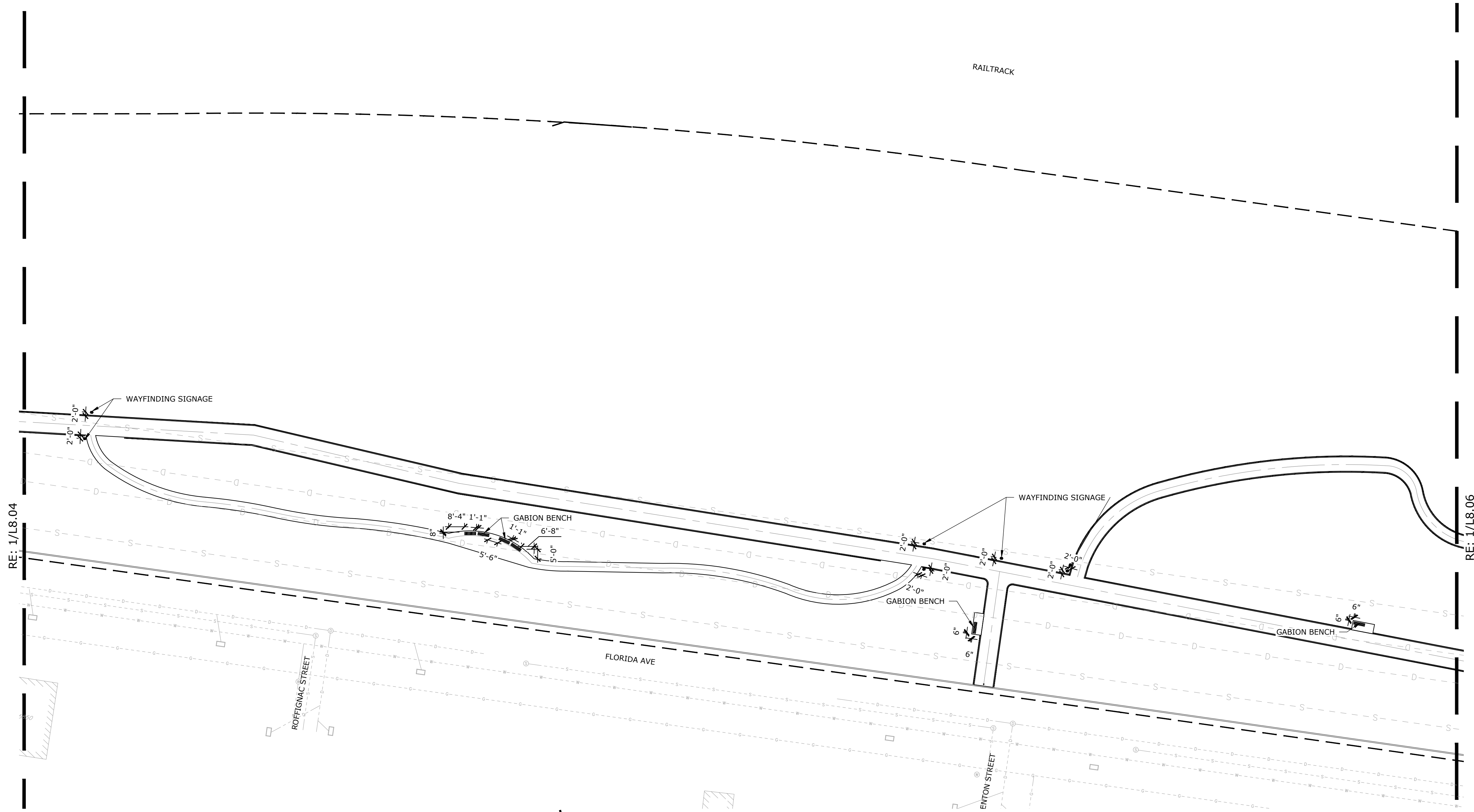
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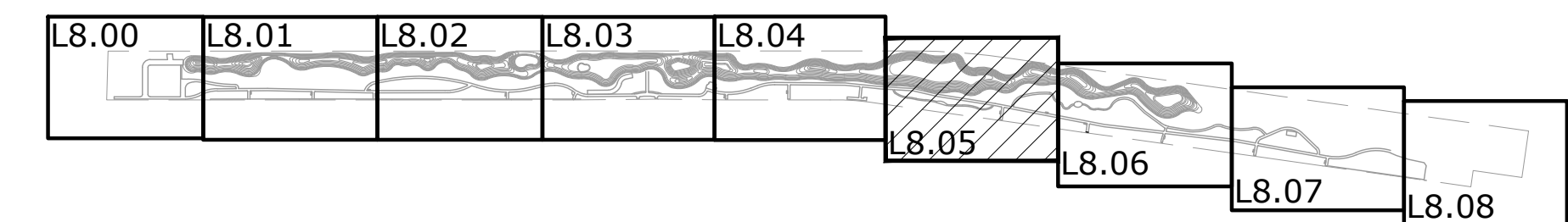


1 SITE FURNISHING PLAN
SCALE: 1" = 30'-0"
0 30' 60'

LEGEND

- LIMIT OF WORK
- - - PROPERTY LINE
- ▬ GABION BENCH
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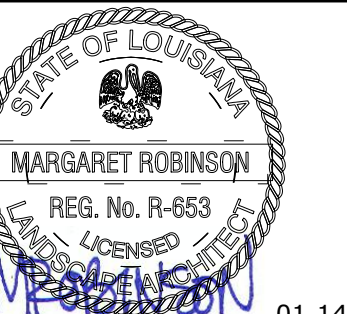
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L8.05



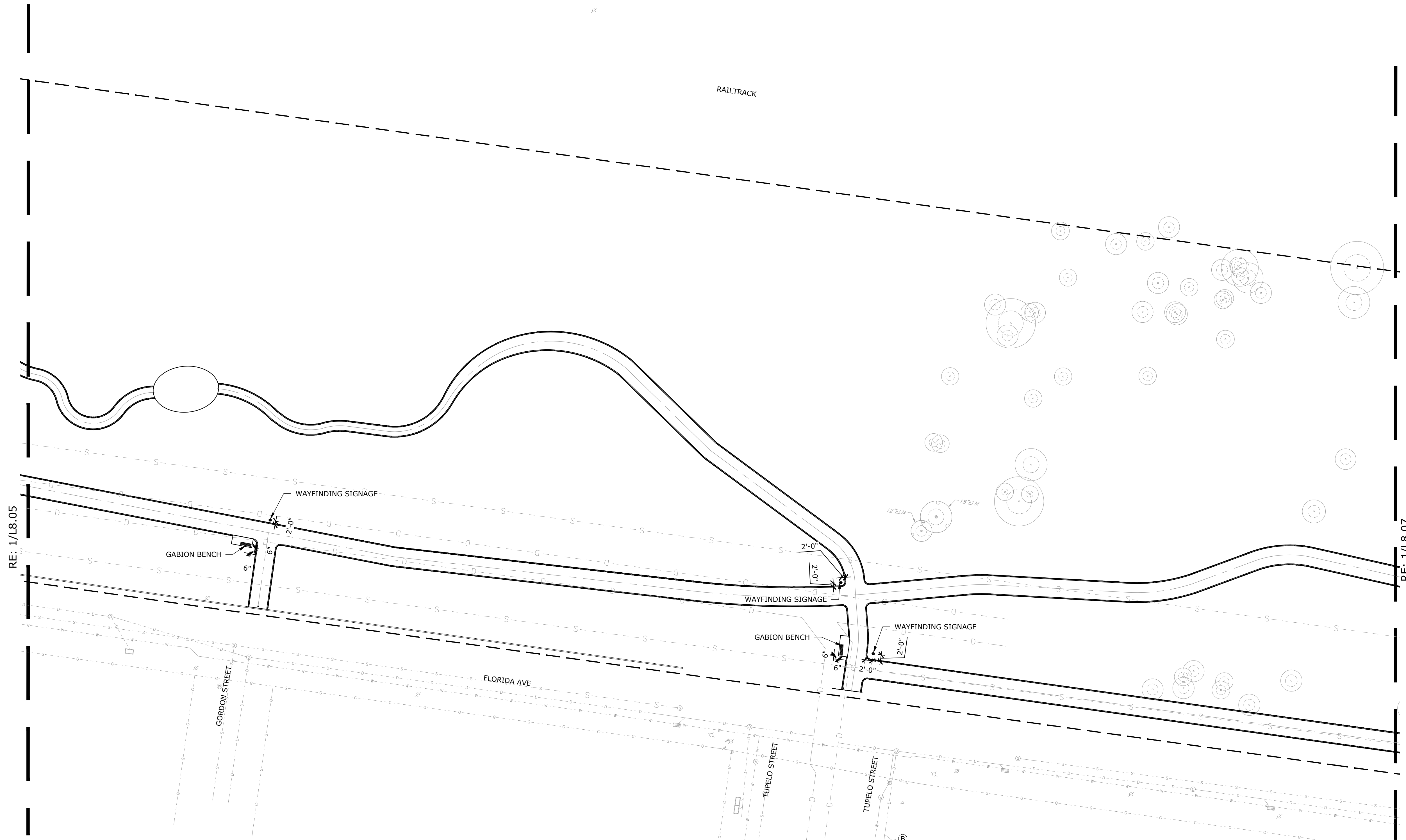
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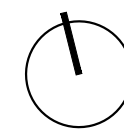
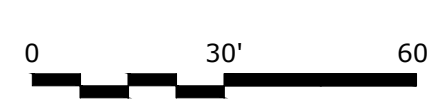


RE: 1/L8.05

RE: 1/L8.07

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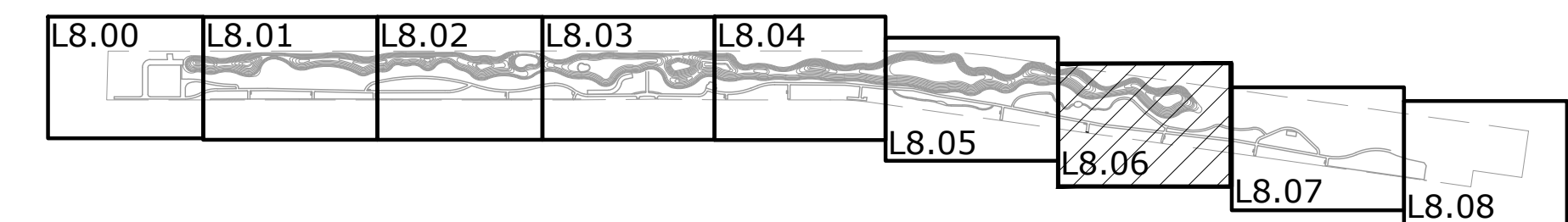
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LEGEND

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- ≡ BIKE RACK

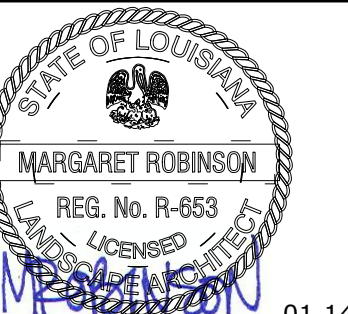
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SITE FURNISHING PLAN

L8.06



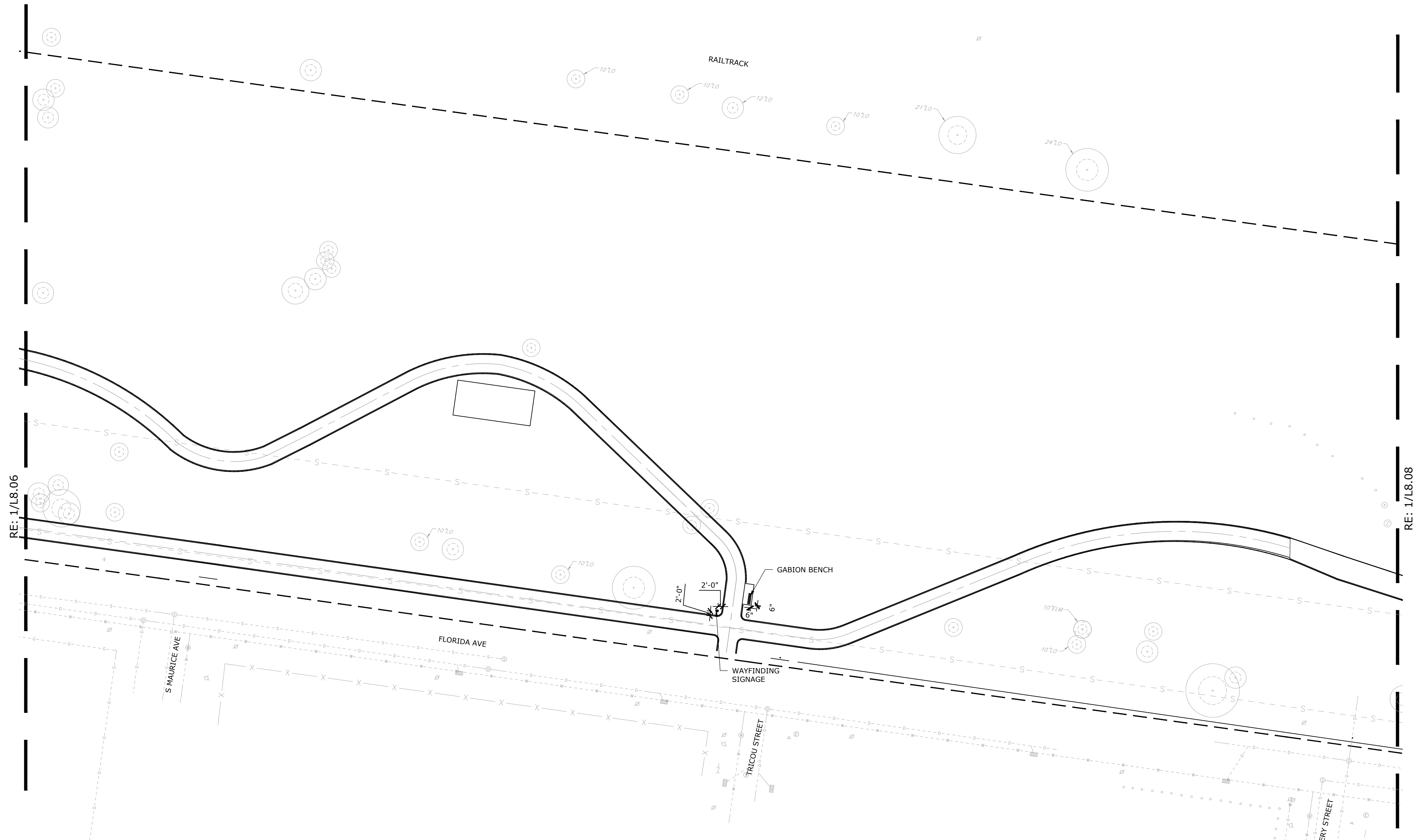
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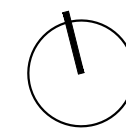
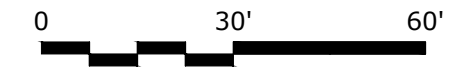


RE: 1/L8.06

RE: 1/L8.08

1 SITE FURNISHING PLAN

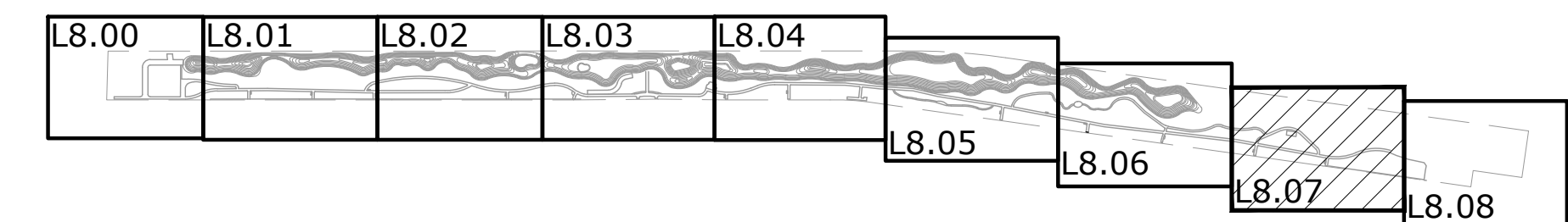
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LEGEND

- LIMIT OF WORK
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- ≡ BIKE RACK

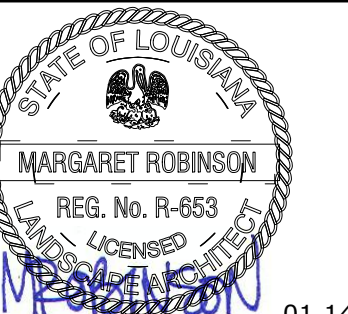
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L8.07



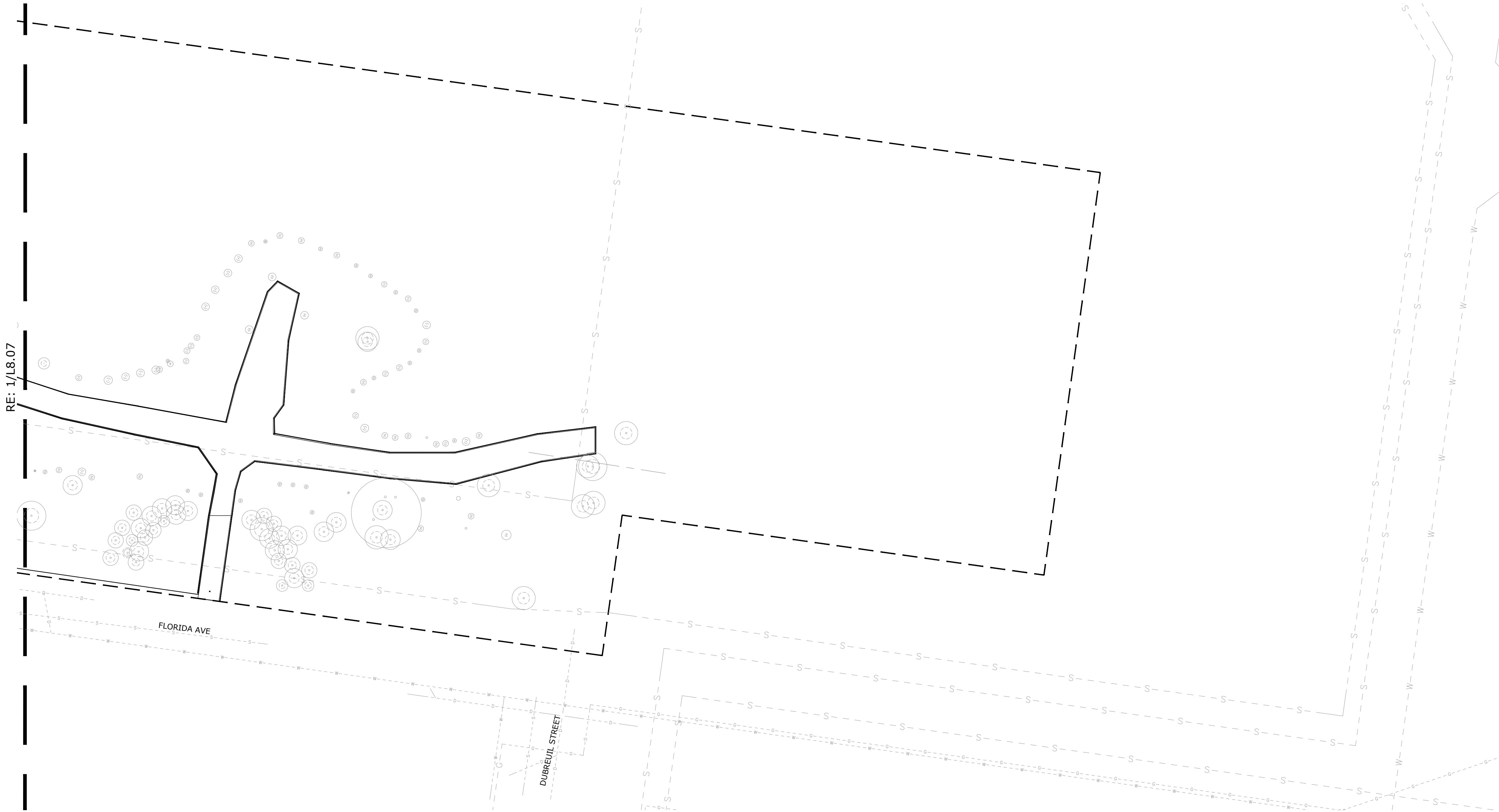
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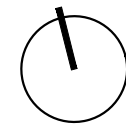
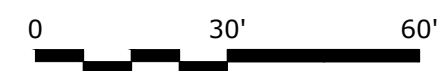
CONSULTANTS:



1

SITE FURNISHING PLAN

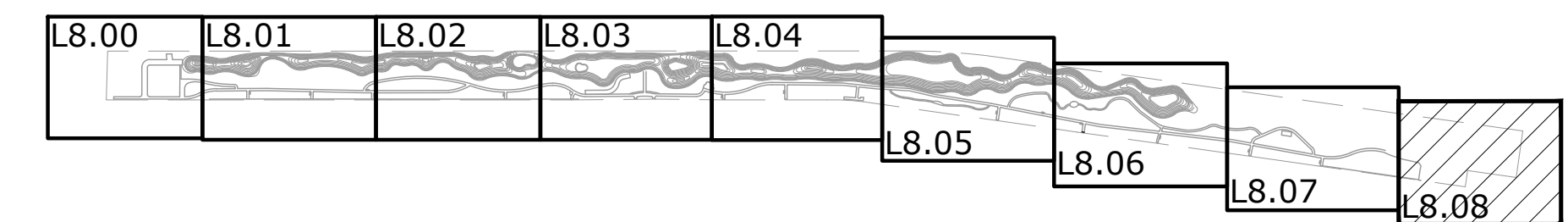
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LEGEND

- LIMIT OF WORK
- PROPERTY LINE
- GABION BENCH
- GABION ENTRY SIGN
- WASTE AND RECYCLING RECEPTICLE
- GABION WAYFINDING SIGNAGE
- BIKE RACK

KEY PLAN



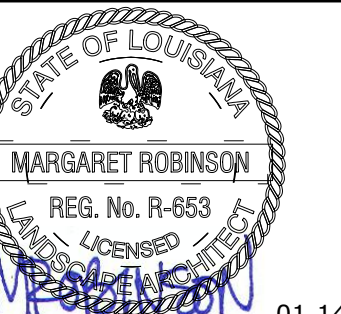
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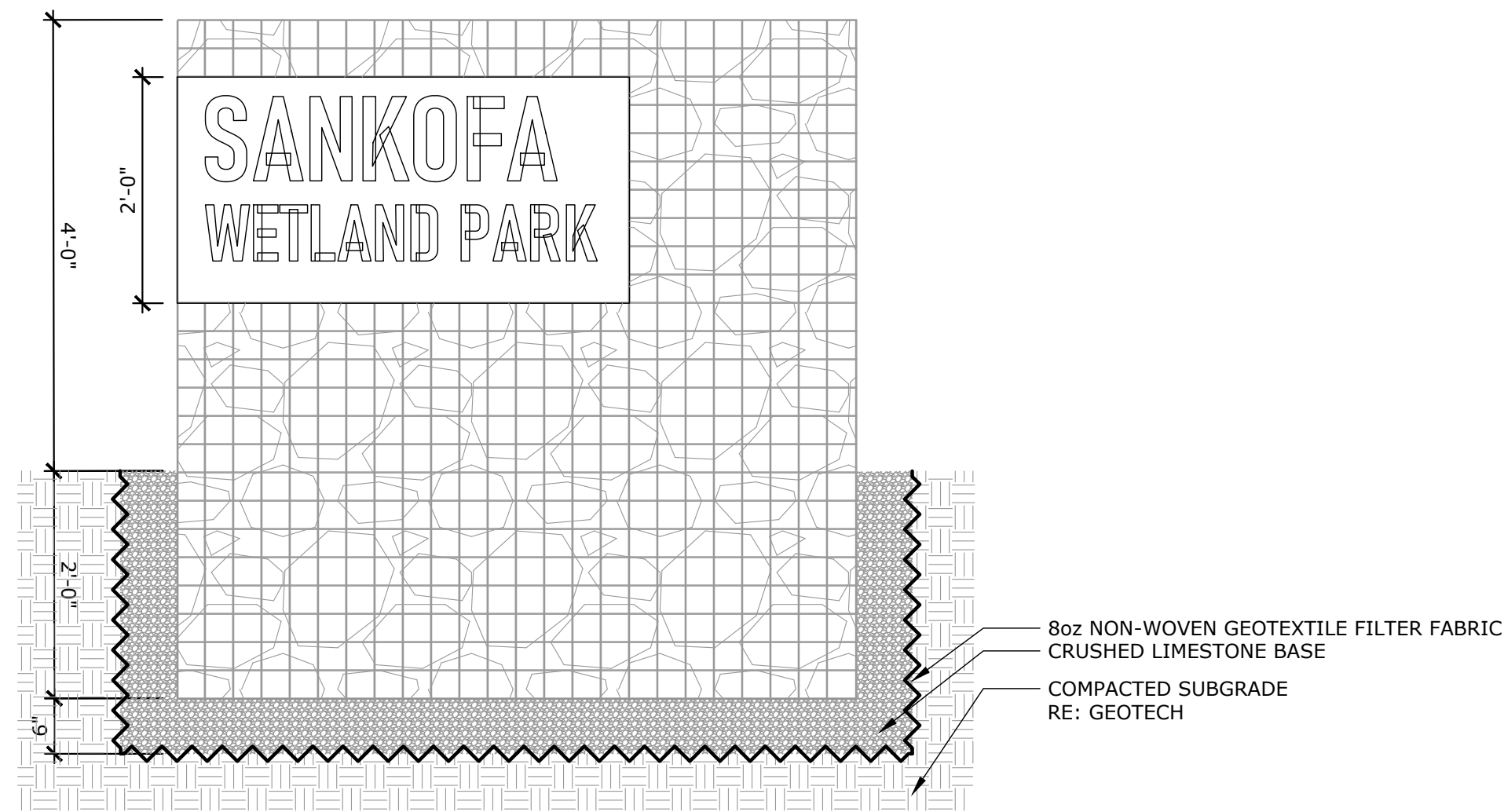
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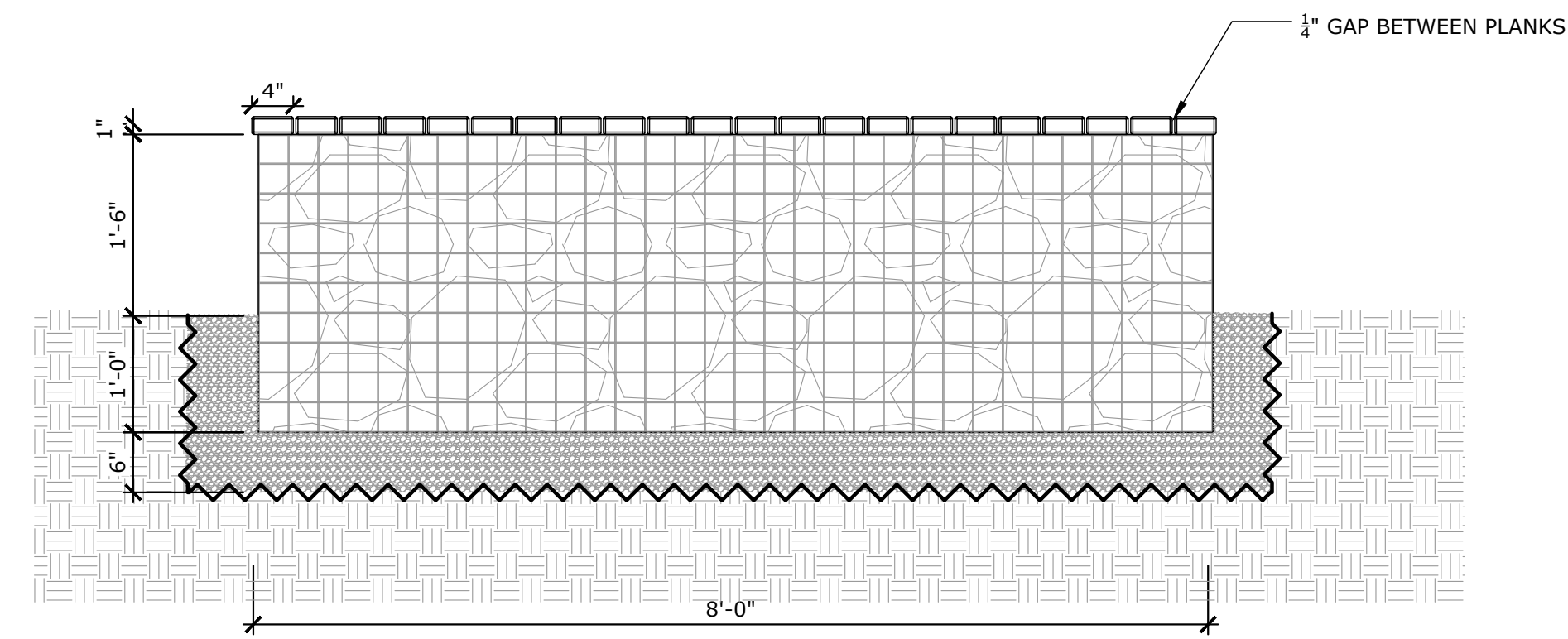
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PLAN**

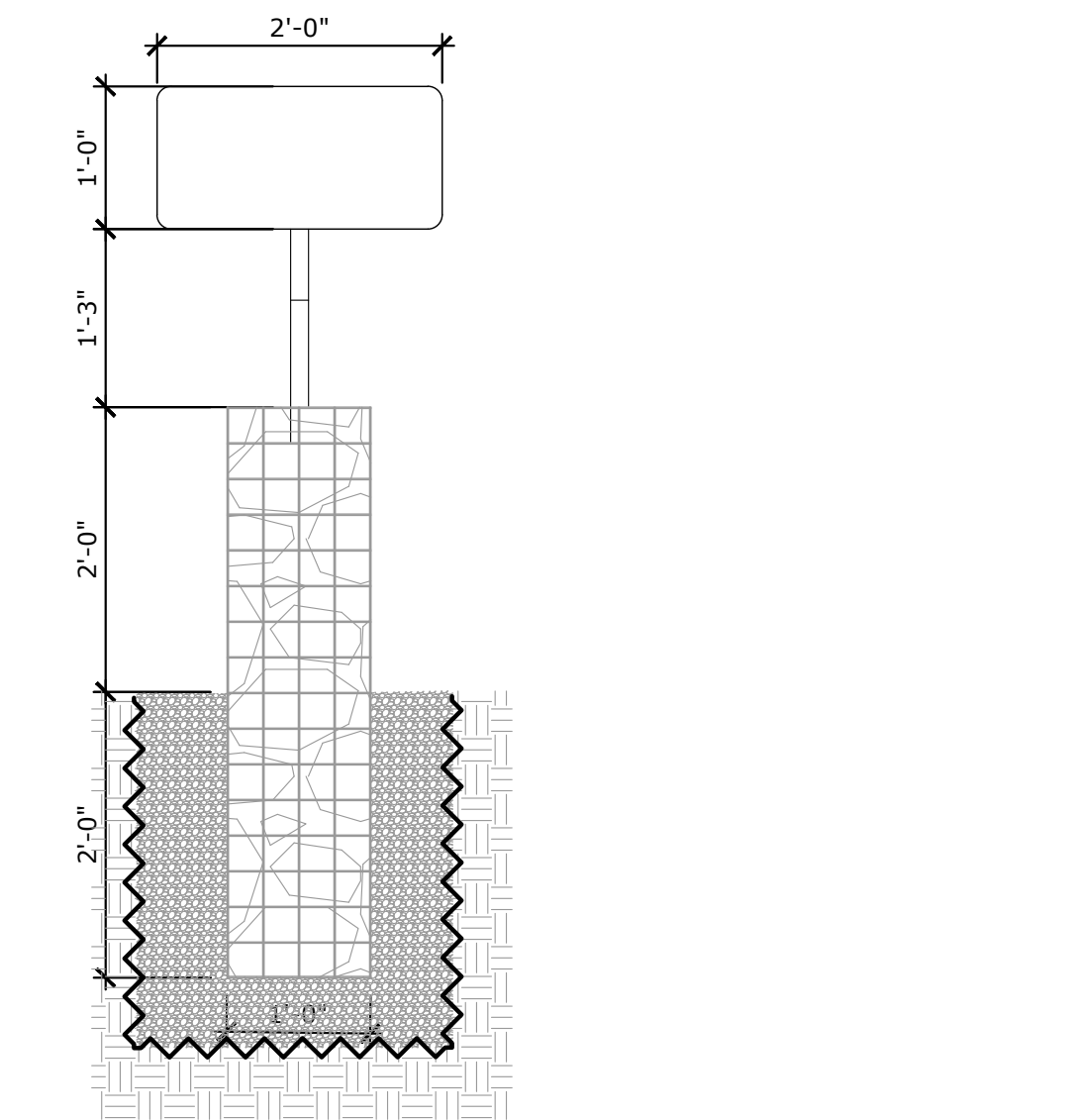
L8.08



1 GABION ENTRY SIGN
SCALE: 3/4" = 1'-0"



2 GABION BENCH
SCALE: 3/4" = 1'-0"



3 GABION SIGNAGE FAMILY
DIRECTIONAL, WAYFINDING, AND PLANT ID
SCALE: 3/4" = 1'-0"

NOTE:
SHOP DRAWINGS REQUIRED

FURNISHING SCHEDULE					
QTY	DESCRIPTION / MODEL NUMBER	COLOR	FINISH	CONTACT	COMMENTS
CUSTOM PRODUCTS					
2	GABION ENTRY SIGN Custom	N/A	N/A	NAME / COMPANY: EMAIL: PHONE:	N/A
29	GABION BENCH Custom	N/A	N/A	NAME / COMPANY: EMAIL: PHONE:	N/A
24	GABION SIGNAGE Custom	N/A	N/A	NAME / COMPANY: EMAIL: PHONE:	N/A
MANUFACTURED PRODUCTS					
3	BIKE RACK Flo Bike Rack, Landscape Forms	Stainless Steel	#4 Satin Electropolish Finish	NAME / COMPANY: Melissa Henao-Robledo EMAIL: melissahr@landscapeforms.com PHONE: 800-430-6209	N/A
4	CONCRETE PICNIC TABLE TF3226, Belson Outdoors	Buff Frame and Buff Top/Seats	Acid Wash Frame with Polished Top/Seats	BELSON OUTDOORS: EMAIL:sales@belson.com PHONE:(800)323-5664	N/A
3	TWO-BIN CONCRETE WASTE RECEPTACLE TF1007, Belson Outdoors	Buff with Green Plastic Accents	Weathered Stone	BELSON OUTDOORS: EMAIL:sales@belson.com PHONE:(800)323-5664	N/A



STORMWATER MANAGEMENT PLAN
FOR
SANKOFA WETLAND PARK
CITY OF NEW ORLEANS, ORLEANS PARISH, LA

DDG PROJECT NO. 21-965

LOCATED ALONG THE NORTH SIDE OF FLORIDA AVENUE
NEW ORLEANS, LOUISIANA 70117



DUPLANTIS DESIGN GROUP, PC
4141 BIENVILLE STREET – SUITE 101
NEW ORLEANS, LA 70119
504.434.6565

DECEMBER 30, 2021



12-30-21

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1. SITE ASSESSMENT

1.1 Existing Site Conditions

The proposed Sankofa Wetland Park and Trail will be constructed on an existing undeveloped property located along the northside of Florida Ave in New Orleans, LA. The project area is approximately 36.22 acres and is bounded by Florida Avenue to the south, and Norfolk Southern Railroad to the north. The project will span from Tennessee Street on the west side to approximately Tupelo Street on the east and tie into the existing complete Phase 1 of the Sankofa Wetland Park and Trail. The site is generally sloped from the north to the south and stormwater is conveyed via overland flow into the existing subsurface drainage canal along Florida Avenue. This underground canal flows west to the existing Pump Station No. 5 and is pumped to the north into Bayou Bienvenue. Due to the Railroad elevations being significantly higher than the surrounding grades, there is approximately 6' of fall between the railroad and Florida avenue. However, there are portions along the northern half of the site where water currently holds due to low areas within the existing topography. The land cover is currently permeable green space and impervious wet pond area. The Hydrologic Soil group for the entire drainage area is Soil group D. A topographic survey was prepared by Batture LLC, which can be found in Appendix A.

1.2 Existing Storm Drainage Map

The 36.22-acre site consists of one drainage area. The existing site is covered with 100% green/open space. A small portion of the wetland park was previously constructed and is included in the overall area within these calculations. The existing wetland park includes an unpaved trail area and approximately 2.63 acres of wet pond/wetlands area acting as a BMP. Runoff currently sheet flows into the existing public sub-surface drainage along Florida Avenue, which gets into the existing underground canal and flows to Pump Station No. 5. The existing underground canal is labeled in the Pre-Developed Drainage Map.

1.3 Existing Storm Drainage Conditions Description

The site consists of 36.22 acres, which is broken into 2 drainage areas. Drainage Area 1 (PRE 1) consist of 18.56 acres and drains via overland flow into the Florida Avenue ROW. The Florida avenue subsurface drainage pipes are conveyed into the existing subsurface canal along the northside of Florida Avenue. The entire area in PRE 1 is green open space with a CN of 80. Drainage Area 2 (PRE 2) consist of 17.66 acres and drains via overland and channel flow along the north side of the drainage area. This area drains through the existing wet pond and into the subsurface drainage canal. PRE 2 area consist of 2.63 acres of wet impervious pond area with a CN of 98 and the remaining 15.03 acres is green open space with a CN of 80. Both PRE 1 and PRE 2 drainage through the subsurface canal and to Pump Station No. 5. The table below shows the calculated composite "CN" value, acreages, time of concentration, and peak discharge for the existing drainage areas. See appendix H "Nola Stormwater Calculator Results" for further information.

Existing Drainage Areas				
Area No.	Tc (min.)	Area (ac)	CN value	Q (cfs)
PRE 1	70	18.56	80	114.40
PRE 2	110	17.66	83	83.74

1.4 Infiltration Test

The entire site consists of a single soil group classification of Type D soils consisting of: Aquents, dredged, frequently flooded (AT) and Harahan Clay, 0 to 1 percent slopes (Ha). according to the NRCS Web Soil Survey. A copy of the NRCS Web Soil Survey is included in Appendix C.

During the design of the first phase of this project, a percolation test was run on that portion of the site. See attached in Appendix D for this information.

2. SITE DESIGN

2.1 Proposed Site Plan

Construction activities on-site will include excavation of proposed wetlands/wet pond areas and using the fill to create a system of nature trails. The site will also consist of native vegetations and plantings in accordance with the landscape planting plan. Through the creation of the wetlands/wet pond areas, the overall storage capacity of the of the site will be drastically increased from the exiting condition in order to meet and exceed stormwater management requirements.

2.2 Proposed Storm Drainage Map

In the post-developed conditions, the 36.22-acre site is divided into two drainage areas, D1 and D2. A "Post-Developed Drainage Map" can be found in Appendix E.

2.3 Typical Details

Details for all the erosion control and site BMP's can be found in Appendix G, Details.

2.4 Proposed Storm Drainage Conditions Description

The post development site consists of 36.22 acres, which is broken into 2 drainage areas. Drainage Area 1 (POST 1) consist of 7.88 acres and drains via overland flow into the Florida Avenue ROW. The Florida avenue subsurface drainage pipes are conveyed into the existing subsurface canal along the northside of Florida Avenue. The entire area in POST 1 is lawn/landscape area with a CN of 80. Drainage Area 2 (POST 2) consist of 28.34 acres and drains via overland and shallow concentrated flow along the north side of the drainage area and into the system of wet ponds/wetlands which are being constructed as a part of the project. POST 2 area consist of 9.08 acres of wet impervious pond area with a CN of 98 and

the remaining 19.26 acres is green open space with a CN of 80. Both POST 1 and POST 2 drain to and through the subsurface canal to Pump Station 5. The table below shows the calculated composite “CN” value, acreages, time of concentration, and peak discharge for the existing drainage areas. See appendix H “Nola Stormwater Calculator Results” for further information.

Existing Drainage Areas				
Area No.	Tc (min.)	Area (ac)	CN value	Q (cfs)
POST 1	18	7.88	80	52.95
POST 2	110	28.34	86	192.39

To comply with the Unified Stormwater Code within Chapter 1, Section 121 of the New Orleans Building code: the first one and one quarter (1.25) inches of stormwater from each drainage area must be detained, retained, or filtered on a development site. The total water quality volume needed to comply for this site will be 164,348 ft³ (1,229,324 gallons).

Of the 36.22 acres being analyzed here, 9.08 acres will consist of wetland/wet pond area which will provide approximately 1,057,265 ft³ of retention. Much of the areas not included in the pond areas will still be low enough to store onsite during larger storm events due to the site receiving offsite water through it via the underground canal. The increase in the storage will better allow for the wetland park to process nutrients and allow settlement of suspended solids prior to being runoff from the site. These changes will enhance the ability of the area to improve the water quality benefits that are currently provided.

3. CALCULATIONS

3.1 Pre vs Post Flows

The pre and post development peak discharges have been computed using the SCS Method. The input parameters include: 10-year precipitation, time of concentration (Tc) in minutes, Runoff Curve Number (CN), and drainage area (acres). Results from the drainage analysis comparing the predevelopment flow rates to the post development flow rate are shown below:

Outfall #	Storm Event	Pre-Developed Peak Discharge (cfs)	Post-Developed Peak Discharge (cfs)
1	10 Year	197.57	55.40

A copy of the stormwater spreadsheet output can be found in Appendix H.

3.2 Estimated Pollutant Loads

Average Annual Loadings

	Units	Pre-Development	Post-Development w/o GI	Post-Development w/ GI	Annual Reduction via GI	Reduction %
TSS	lbs	3314	2632	658	1974	75%
BOD	lbs	272.9	272.9	161.3	111.6	41%
TP	lbs	16.24	106.32	61.02	45.30	43%
TN	lbs	43.54	453.98	220.11	233.87	52%
Pb	lbs	0.65	1.57	0.34	1.24	78%
Zn	lbs	1.95	13.29	6.15	7.14	54%
E.Coli	Billion Colonies	2014.3	5081.7	419.9	4661.8	92%

3.3 Volume Calculations

To comply with the Unified Stormwater Code within Chapter 1, Section 121 of the New Orleans Building code: the first one and one quarter (1.25) inches of stormwater from each drainage area must be detained, retained, or filtered on a development site. The total water quality volume needed to comply for this site will be 164,348 ft³ (1,229,324 gallons).

The total storage provided is 1,057,265 ft³. Therefore, the volume provided for the proposed site exceeds the minimum volume required. Volumes in gallons can be found on the Post Development Drainage map in Appendix E.

4. IMPLEMENTATION TIMELINE & COST ESTIMATE

4.1 Description of SWMP Implementation

The wetlands park will be constructed with onsite material from digging the wet ponds and filling other portions of the site in order to create a nature trail system. After earthwork is completed, the site will be planted in accordance with the landscape plans. The landscape plans will utilize different species of plants and trees which will help slow surface runoff and contribute to the pollutant removal efficiency throughout the site. All inlets located adjacent to the project area shall receive inlet protection in order to mitigate the risk of sediment from entering the sub-surface storage system.

4.2 Description of Site BMP's

Construction BMPs are expected to include silt fencing, stone construction entrance/exit, concrete wash out, inlet protection devices, and silt sacs. These devices are to remain in place and routinely inspected throughout construction. Silt fencing will be installed around the perimeter of the site at the start of construction and prior to building construction and

site stabilization. All inlets adjacent to the project site shall receive inlet protection prior to the start of construction.

4.3 Implementation and Maintenance Estimate

The cost to construct the wetlands/wet ponds, install erosion control BMP’s (i.e. silt fencing, silt sacs, curb inlet protection, etc.) and two years of maintenance cost to be determined.

SWMP COST ESTIMATE					
Item	Description	Quantity	Unit	Unit	Cost
001	Onsite Excavation and Embankment	78,000	CY	\$6	\$468,000
002	Erosion Control	1	LS	\$25,000	\$25,000
003	Landscaping/Lawn Maintenance	1	Annual	\$25,000	\$25,000
Sub-Total					\$518,000
10% Contingency					\$51,800
Total					\$569,800

5. OPERATION & MAINTENANCE AGREEMENT

5.1 Narrative & Chart

Proper operation and maintenance of all BMPs will ensure that they work effectively and continuously, minimizing future costs. Keeping the site cleaned and free of litter and sediment build up, as well as regular cleaning of structures and surfaces to remove oil and grease, will ensure that those systems put in place to filter stormwater runoff continue to be effective. Below is a generalized schedule of maintenance actions that the owner will follow:

MAINTENANCE ACTION	SCHEDULE
Remove litter & debris	Bi-weekly
Mow/Trim vegetation on site and in Stormwater Management Areas (as needed)	Every 2 weeks
Manage pesticides & fertilizer	Monthly
Remove invasive species	Quarterly
Ensure conveyance is operational	Twice annually
Check for erosion at discharge points & repair if necessary	Twice annually
Check for plant pests and diseases	Monthly
Ensure conveyance & overflow outlets are clear and operational	Monthly

POTENTIAL DEFECT OR FAILURE SCENARIO'S		
Defect or Failure	Indicator	Rectification
Partial/Complete Blockage of Drainage System	Blocked Drainage System	Remove all sediment, litter, debris. Check if storm pipes and inlets are clear and free flowing. If the problem is recurring, then investigate the cause and determine a suitable resolution.
Physical Damage	Evidence of trampling or other type of physical damage	Replace damaged drainage items
Ponding of Stormwater in Filtration Beds	Ponding water over a 24 hour period	Remove and replace mulch and high flow media in landscaped areas

5.2 Performance Bond Estimate

The owner will obtain a Performance Bond equal to 25% of the estimated Stormwater Management Plan implementation and cost as required by the city's Stormwater Management Plan requirements. The estimated implementation and two-year maintenance cost is \$569,800; therefore, the Performance Bond shall be posted for \$142,450.

5.3 Operations & Maintenance Agreement

A sample letter of the Operations & Maintenance Agreement is included in Appendix I. The official agreement will be executed after approval and recordation of the Stormwater Management Plan.

6. EROSION CONTROL

An erosion control plan has been prepared for this site, and copy of it can be found in Appendix J.

7. LANDSCAPE PLAN AND DETAILS

A landscape plan showing the plantings (i.e., trees, shrubs, grasses, etc.) has been designed in accordance with city's landscape requirements and is included in Appendix K.

8. OVERALL DRAINAGE SYSTEM

The Sankofa Nature Trail and Wetland Park is located on the downstream end of the Lower 9th Ward drainage system, which consist of a series of subsurface canals which ultimately outfall at Sewerage and Water Board Pump Station No. 5. Based on the previous report

provided in Appendix L, an additional area of approximately 5 blocks (14.29 acres) flows into the wetland park via open canals which flows along the existing railroad tracks and into the site. Also, approximately 15.25 acres of stormwater flows from the levee and railroad tracks through the proposed wetland park. The total area of offsite areas directly draining through the project site is 29.54 acres.

As previously discussed, the first one and one quarter (1.25) inches of stormwater from each drainage area must be detained, retained, or filtered on a development site. Due to the excess storage area being provided as a part of the wetlands park project, there is adequate capability to treat offsite water and further reduce pollutant loading from these offsite areas which flow through the site. The total water quality volume needed to treat the first 1.25" of onsite (36.22 acres) and offsite (29.54 acre) is 298,386 ft³ (2,231,927 gallons).

The total storage provided is 1,057,265 cf. Therefore, the volume provide is adequate to treat the offsite areas which flow through the site as well as the onsite areas. Additionally, during heavy rain events, it is possible for the site to received overflow from the underground Canal System and additional offsite areas. The excess storage onsite will be used in these scenarios to help hold and retain water onsite until downstream systems have capacity to convey the water to the pump station.

9. SUMMARY

The design proposal for the Sankofa Wetland Park and Trail will create adequate green infrastructure in order to treat onsite and offsite areas which drain through the property. During rain events, the wetland park will capture more than the first 1.25" of rainfall and release stormwater into the adjacent stormwater conveyance system over a series of days to efficiently treat stormwater drainage through the property.

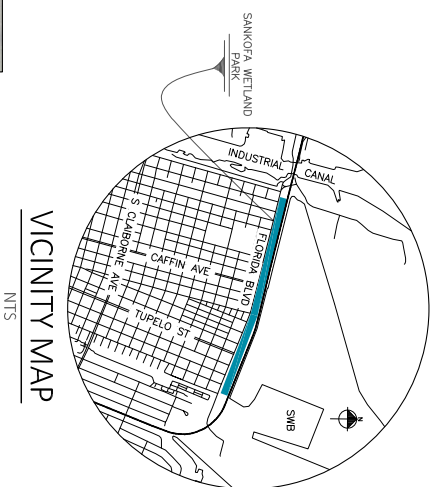
APPENDIX A

INDEX TO SHEETS

SHEET #	TITLE
1	TITLE SHEET
2	GENERAL NOTES
3	PLAN AND PROFILE (DESLOLDE TO FORSTALL)
3a/3b	PLAN ONLY (DESLOLDE TO FORSTALL)
4	PLAN AND PROFILE (FORSTALL TO FLOOD)
4a/4b	PLAN ONLY (FORSTALL TO FLOOD)
5	PLAN AND PROFILE (FLOOD TO ALABO)
5a/5b	PLAN ONLY (FLOOD TO ALABO)
6	PLAN AND PROFILE (ALABO TO TUPELO)
6a/6b	PLAN ONLY (ALABO TO TUPELO)
7	PLAN AND PROFILE (TUPELO TO DELELY)
7a/7b	PLAN ONLY (TUPELO TO DELELY)
8	PLAN AND PROFILE (DELELY TO DUBRIEUL)
8a/8b	PLAN ONLY (DELELY TO DUBRIEUL)
20	TOTAL

SANKOFA WETLAND PARK

TOPOGRAPHIC LAND SURVEY



PROJECT BENCHMARKS

PLANS MADE IN ACCORD WITH REFERENCED PLATS, RIGHT-OF-WAY MARK NOT REFLECT AS-BUILT CONDITIONS OF INDIVIDUAL SQUARES.
REFERENCE BENCHMARK: ESTABLISHED USING GPS NAVD 88 DATUM, ELEVATIONS ARE SHOWN TO NAVD 88. SEE INDEX AND PLAN SHEETS FOR TBM AND REFERENCE ELEVATION.



SCHEDULE OF REVISIONS

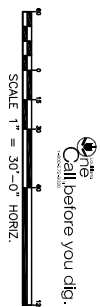
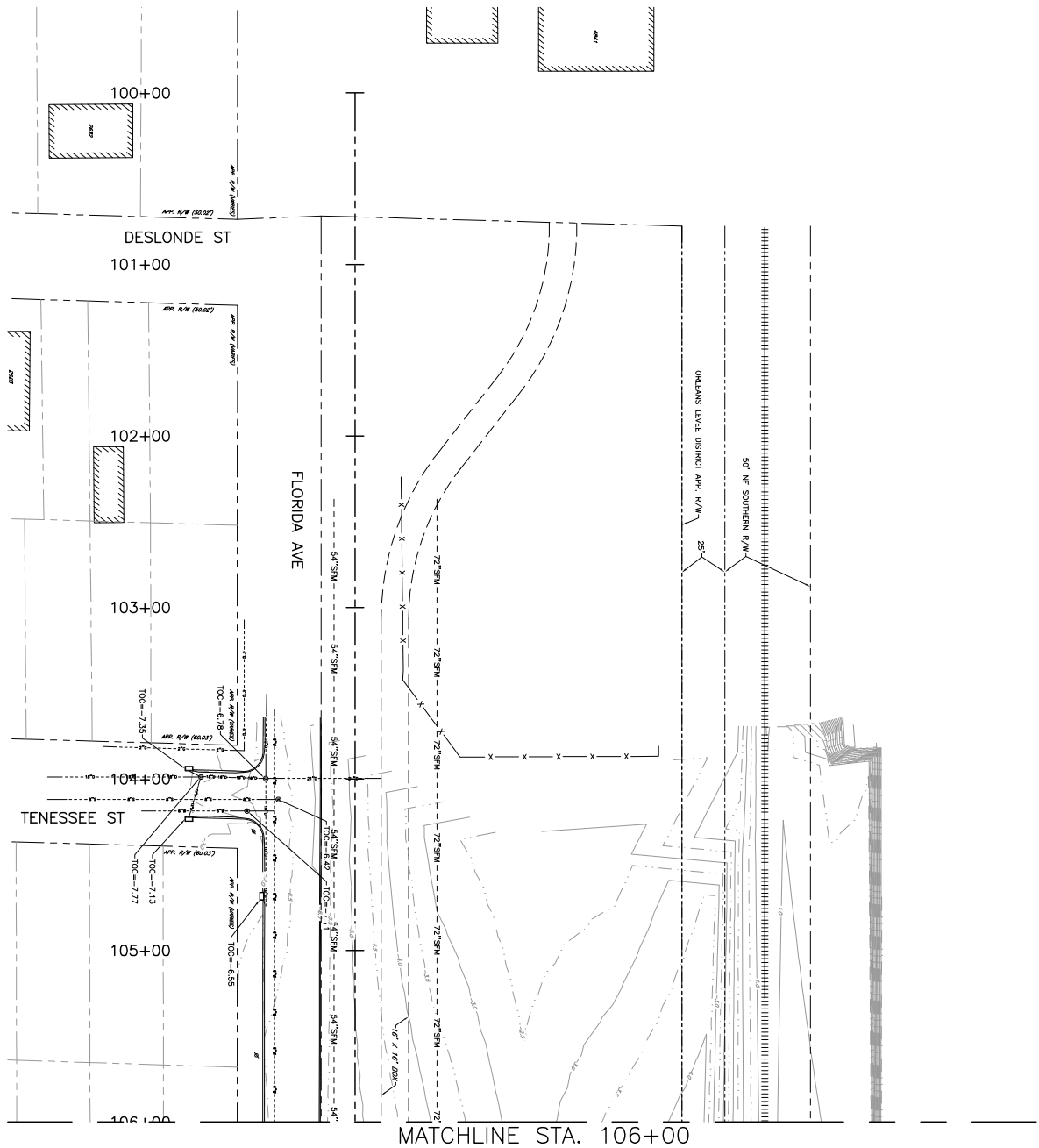
DATE	REVISION	DATE	REVISION	DATE	REVISION

Check before you dig.

PROJECT LENGTH
TOTAL PROJECT LENGTH 16,500 LF.



LEGEND CENTER THIS PLAN
INDICATES THE LOCATION OF
THE SURVEY POINTS AND
THE BENCHMARKS USED IN
THE SURVEY AND CONTROL.



03A

EXISTING CONDITIONS

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

DATE: SEPTEMBER 22, 2021

PROJECT: SANKOFA WETLAND PARK

LOCATION: NEW ORLEANS, LOUISIANA

SANKOFA WETLAND PARK

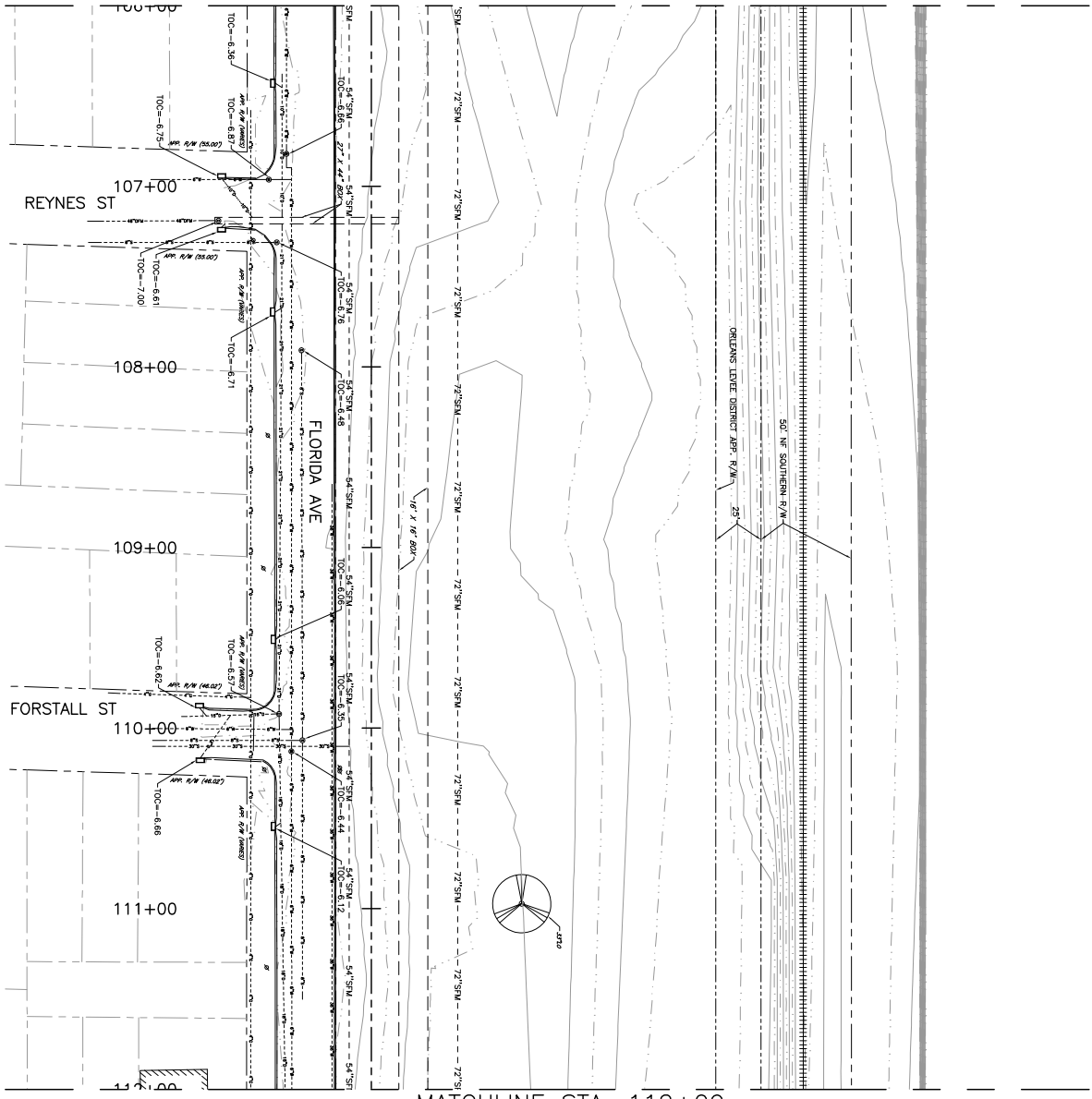
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REV. NO.	DATE	DESCRIPTION

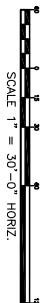
BATTURE

INCORPORATED

MATCHLINE STA. 106+00



MATCHLINE STA. 112+00



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03B

EXISTING CONDITIONS

PROJECT LOCATION OF RECORD

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SCALE: AS SHOWN

DATE: SEPTEMBER 22, 2021

BY: [Signature]

FOR: [Signature]

PROJECT: [Signature]

DATE: [Signature]

BY: [Signature]

FOR: [Signature]

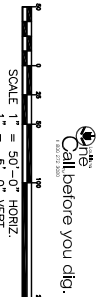
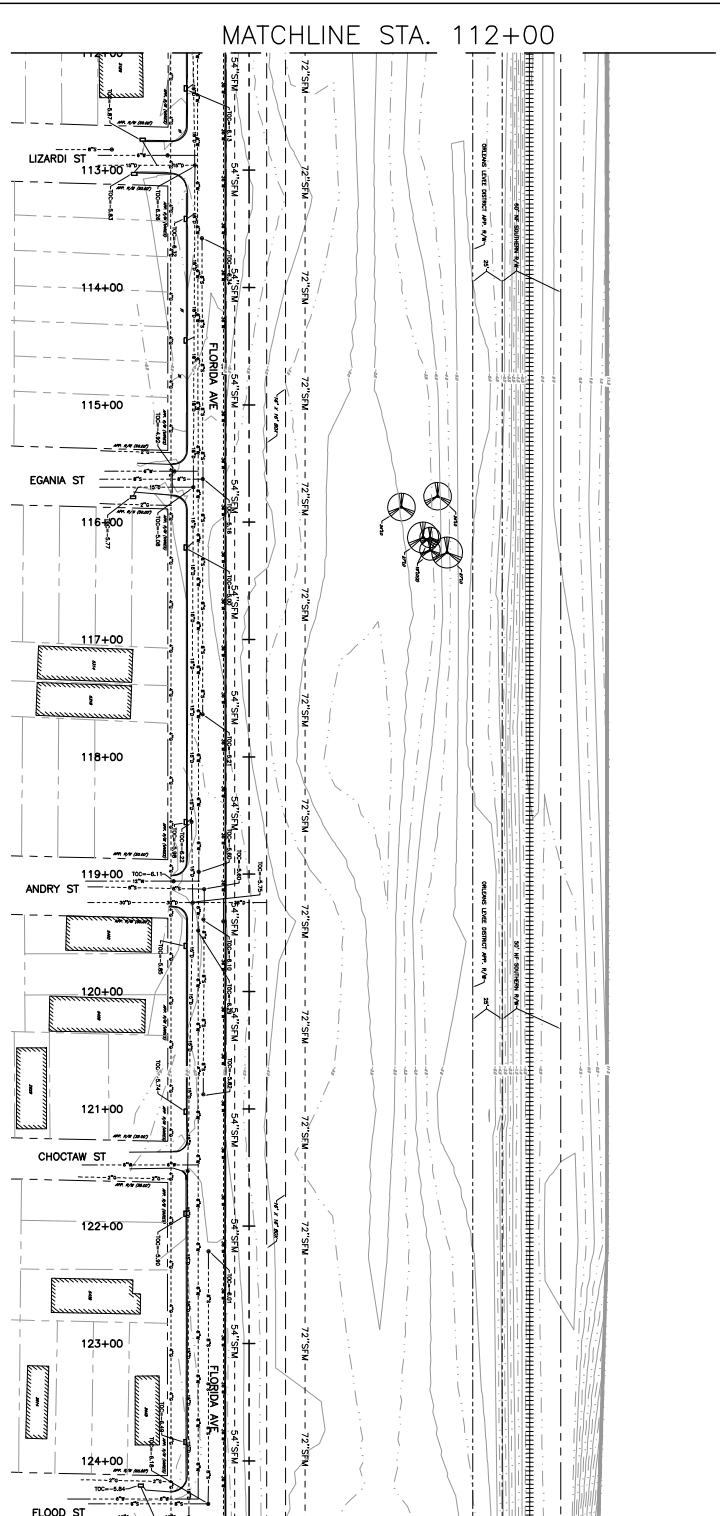
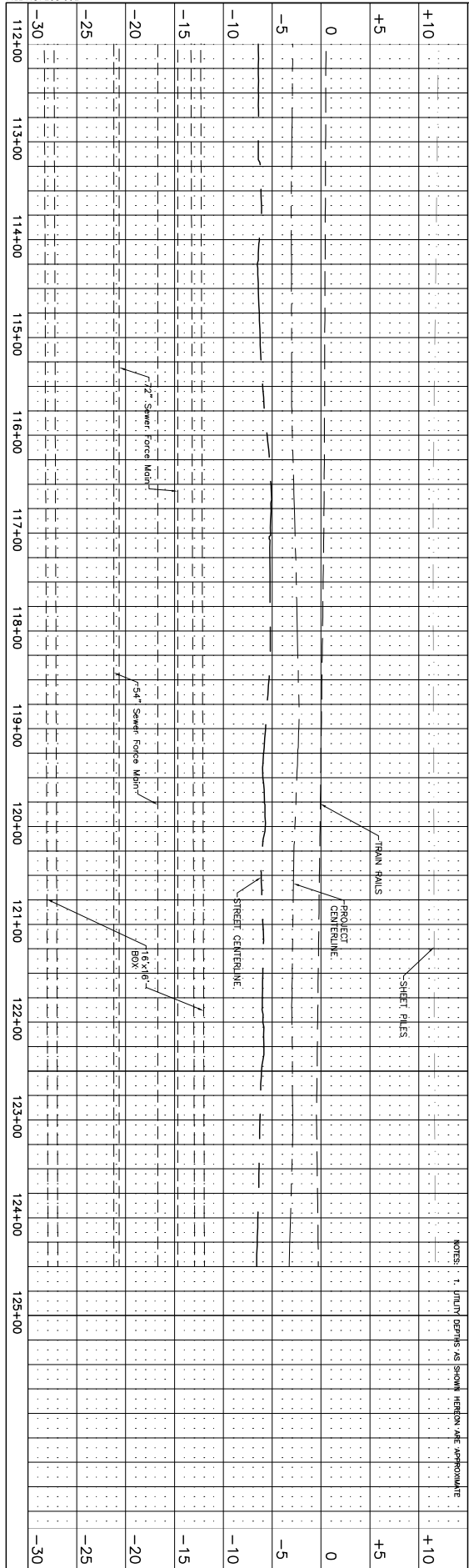
SANKOFA WETLAND PARK

NEW ORLEANS, LOUISIANA

REV. NO.	DATE	DESCRIPTION

BATURE





NOTES: 1. ELEVATIONS SHOWN ARE APPROXIMATE

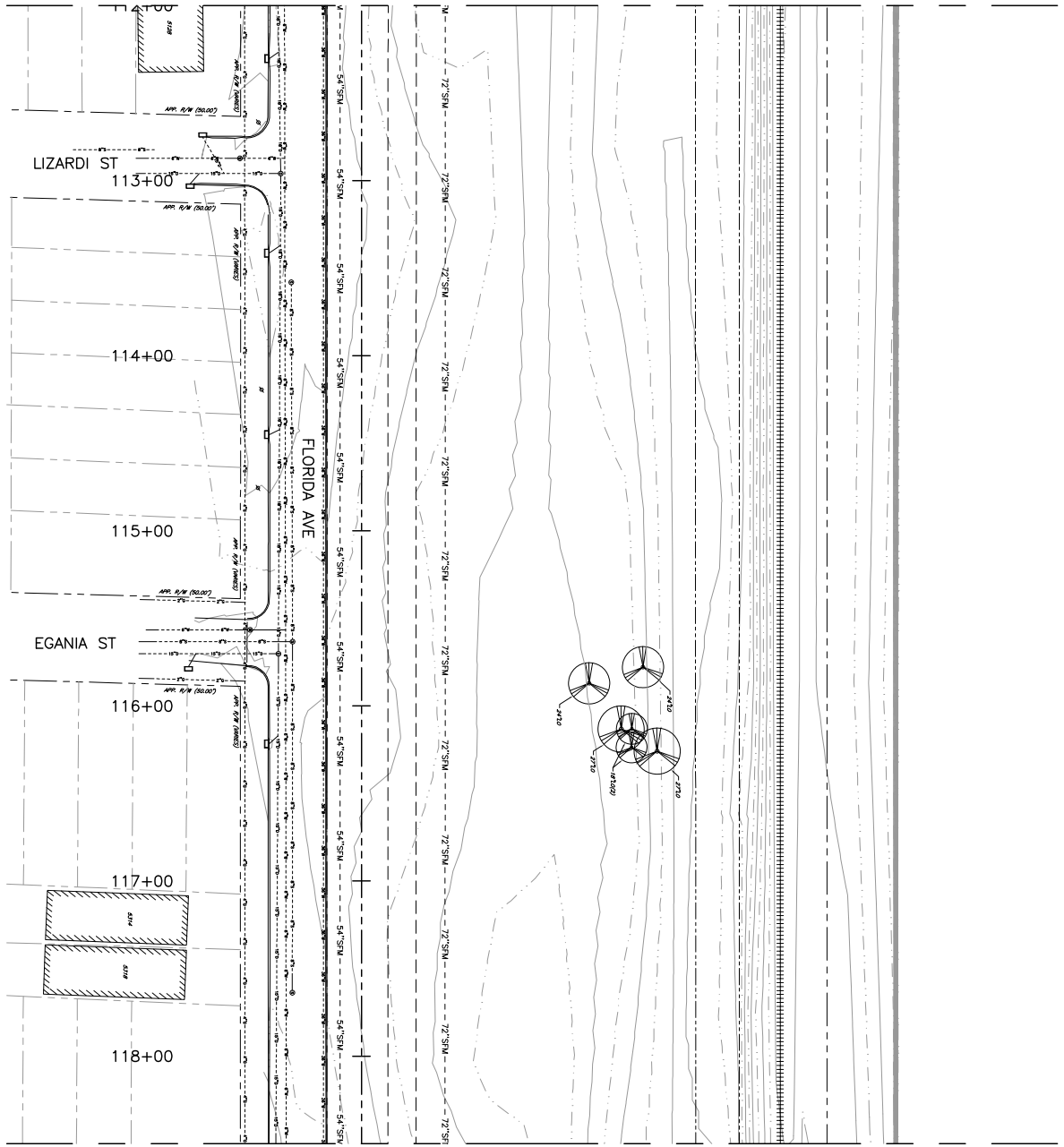
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DATE: SEPTEMBER 22, 2021	
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SANKOFA WETLAND PARK
NEW ORLEANS, LOUISIANA

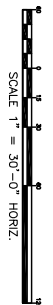
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MATCHLINE STA. 112+00



MATCHLINE STA. 118+50



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SHEET NUMBER
04A

EXISTING
CONDITIONS

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DATE: 09/22/2021

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PROJECT NAME: SANKOFA WETLAND PARK

CLIENT: BATURÉ

DATE: 09/22/2021

SCALE: 1" = 30'-0" HORZ.

PROJECT LOCATION: NEW ORLEANS, LA

PROJECT NAME: SANKOFA WETLAND PARK

CLIENT: BATURÉ

DATE: 09/22/2021

SCALE: 1" = 30'-0" HORZ.

PROJECT LOCATION: NEW ORLEANS, LA

PROJECT NAME: SANKOFA WETLAND PARK

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PROJECT LOCATION: NEW ORLEANS, LA

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DATE: 09/22/2021

SCALE: 1" = 30'-0" HORZ.

PROJECT LOCATION: NEW ORLEANS, LA

PROJECT NAME: SANKOFA WETLAND PARK

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PROJECT LOCATION: NEW ORLEANS, LA

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SCALE: 1" = 30'-0" HORZ.

PROJECT LOCATION: NEW ORLEANS, LA

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PROJECT LOCATION: NEW ORLEANS, LA

PROJECT NAME: SANKOFA WETLAND PARK

CLIENT: BATURÉ

DATE: 09/22/2021

SANKOFA WETLAND PARK

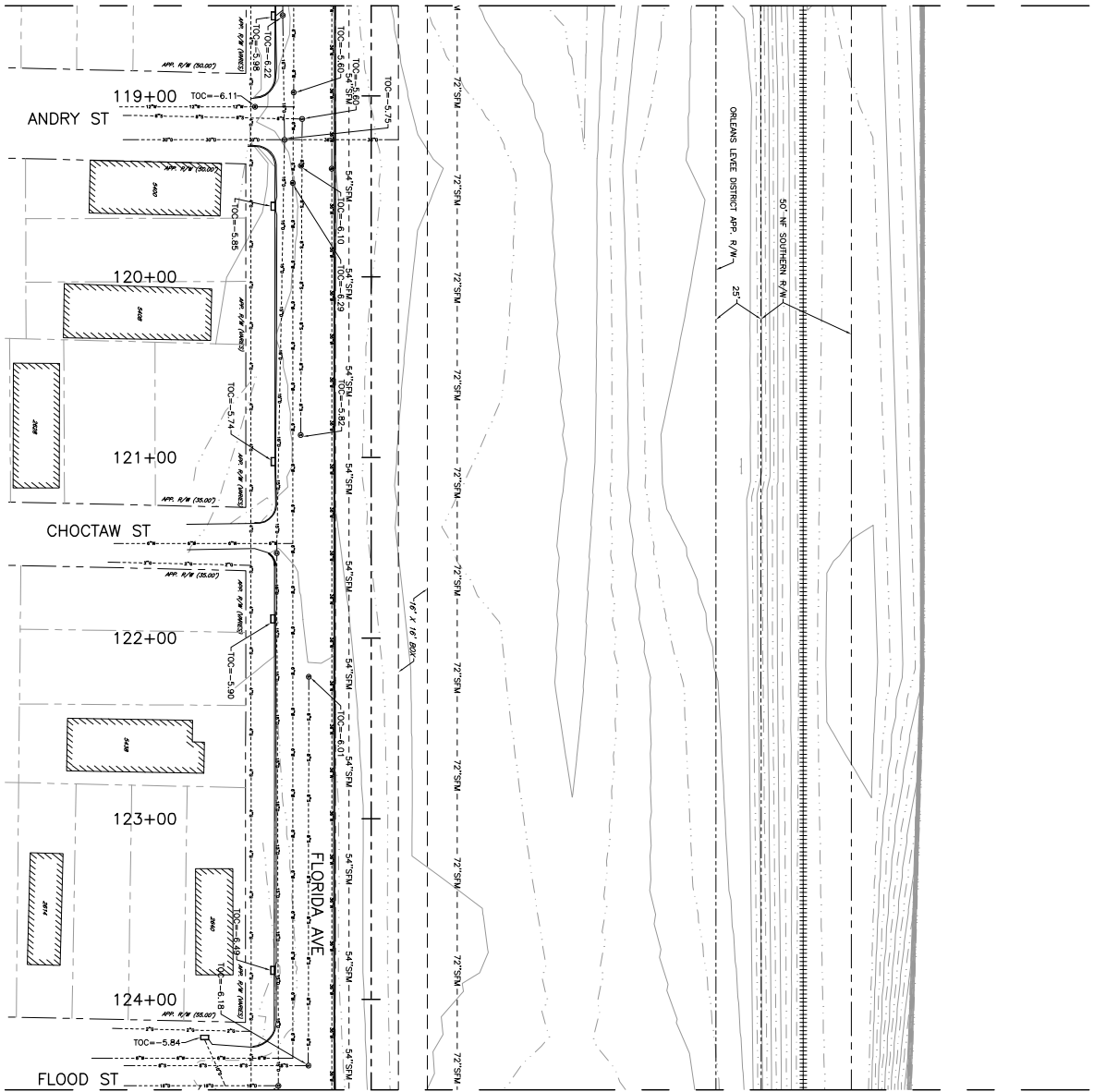
NEW ORLEANS, LOUISIANA

REV. NO.	DATE	DESCRIPTION

BATURÉ
BATURE & ASSOCIATES
INCORPORATED
1000 PINE ST. SUITE 200
NEW ORLEANS, LA 70112
504.581.1234
www.bature.com



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04B

EXISTING CONDITIONS

PROJECT NUMBER: 208-001



DATE: SEPTEMBER 22, 2021
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 CHECKED BY: BATTURE

SANKOFA WETLAND PARK

NEW ORLEANS, LOUISIANA

REV. NO.	DATE	DESCRIPTION

BATTURE
 BATTURE & ASSOCIATES, L.L.C.
 1000 PINE ST. SUITE 200
 NEW ORLEANS, LA 70112
 (504) 581-1111
 www.batture.com



-30	125+00	126+00	127+00	128+00	129+00	130+00	131+00	132+00	133+00	134+00	135+00	136+00	137+00	-30
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NOTES: 1. ELEVATIONS SHOWN HEREON ARE APPROXIMATE

DATE: SEPTEMBER 22, 2021

PROJECT: SANKOFA WETLAND PARK

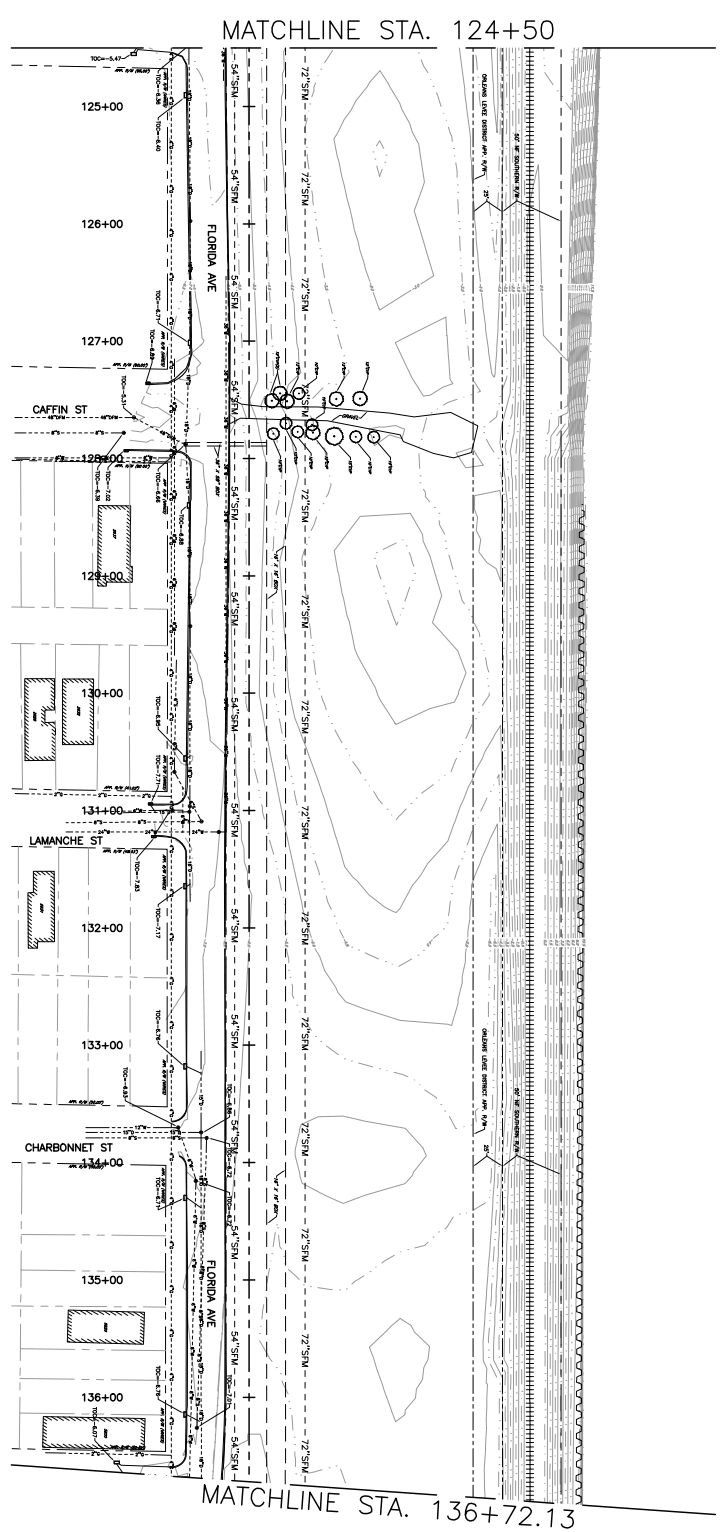
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PROJECT NUMBER: 05

EXISTING CONDITIONS

SHEET NUMBER: 05



SCALE: 1" = 50'-0" HORIZ
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DATE: SEPTEMBER 22, 2021

PROJECT: SANKOFA WETLAND PARK

LOCATION: NEW ORLEANS, LOUISIANA

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EXISTING CONDITIONS

SHEET NUMBER: 05

SANKOFA WETLAND PARK
NEW ORLEANS, LOUISIANA

REV. NO. DATE DESCRIPTION

BATTURE

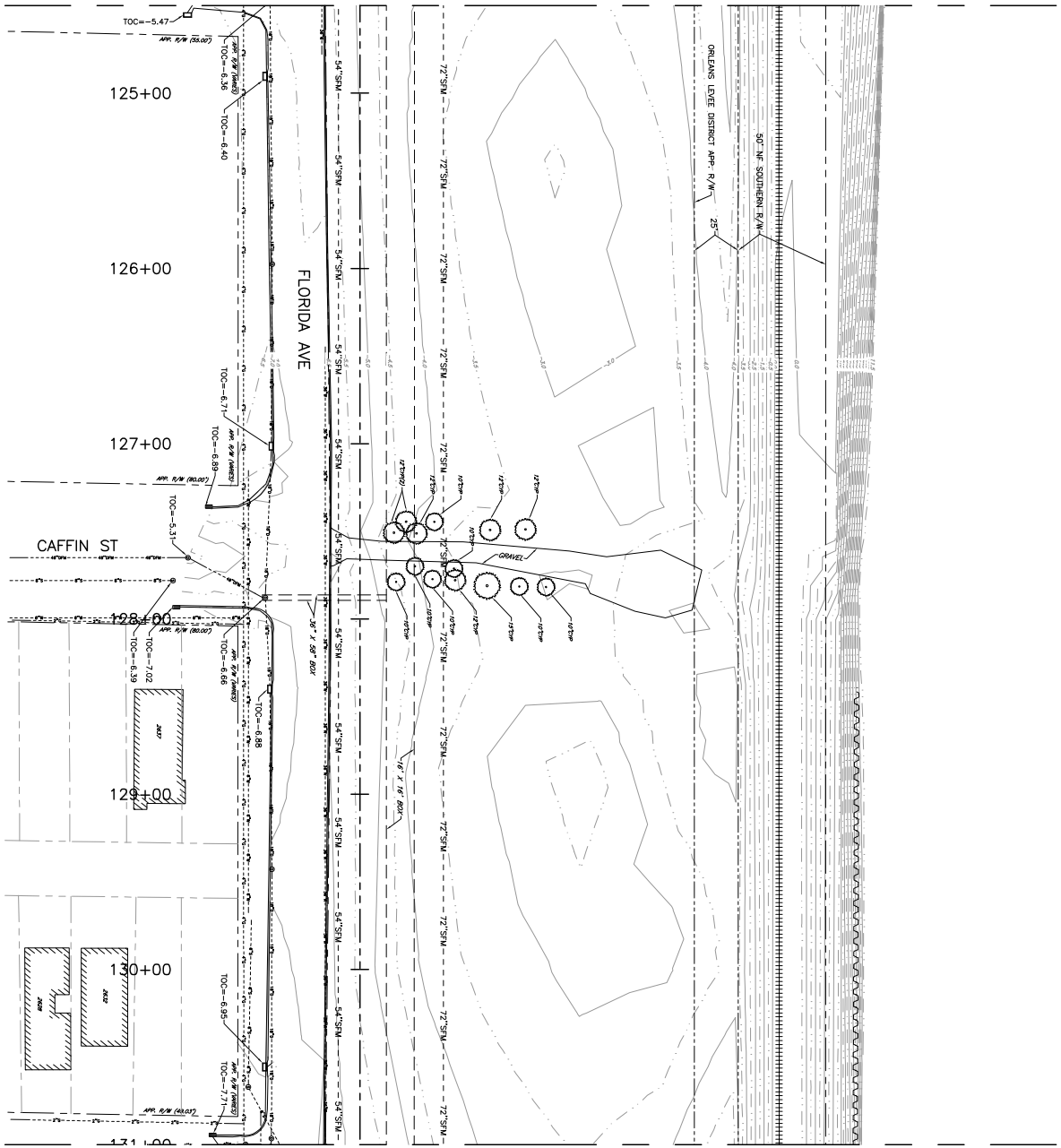
STATE OF LOUISIANA

PROFESSIONAL ENGINEER

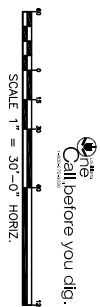
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DATE: SEPTEMBER 22, 2021

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MATCHLINE STA. 131+00



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05A

EXISTING CONDITIONS

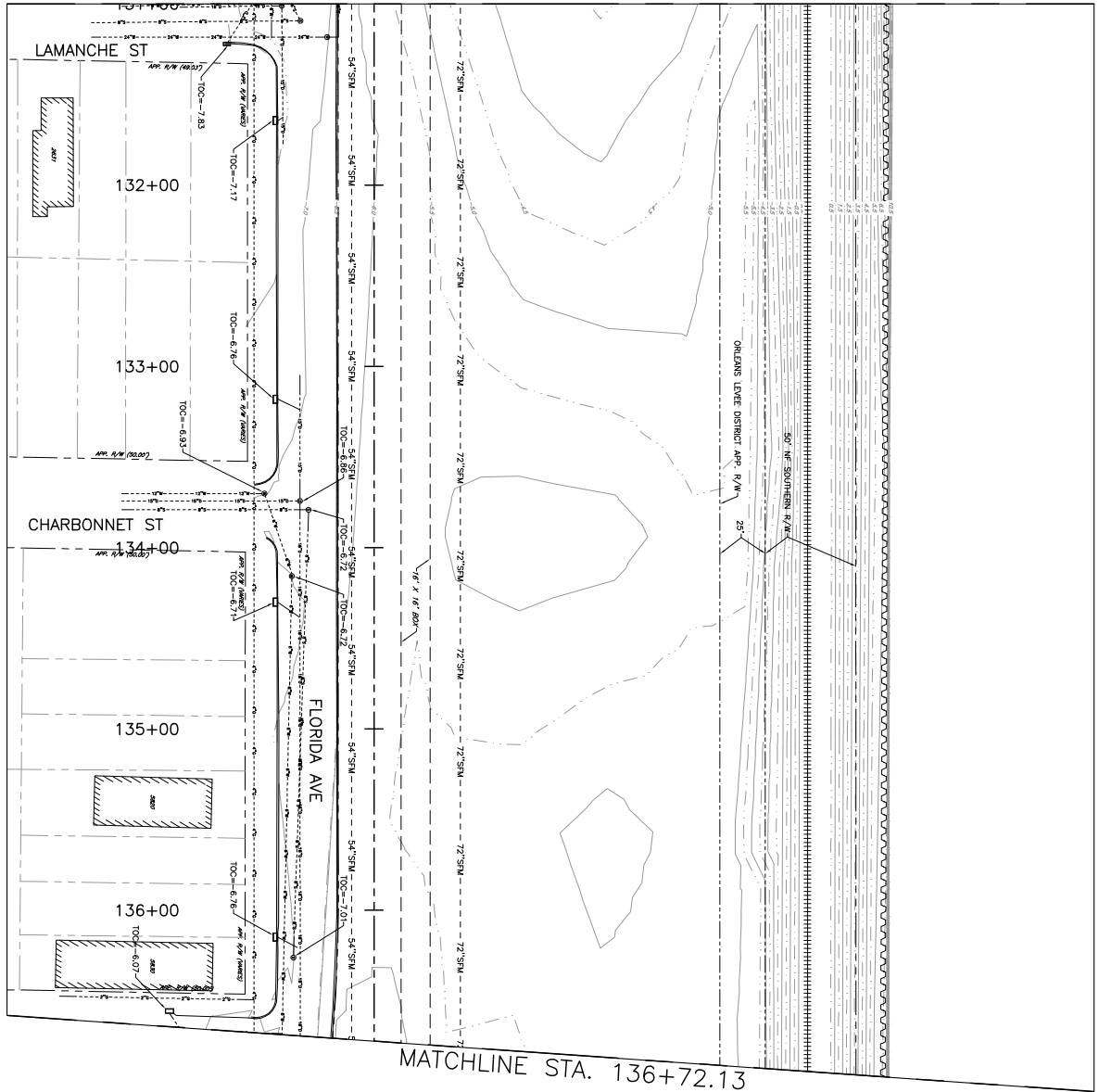
STATE OF LOUISIANA
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 PROJECT NO. 208-001
 CONTRACT NO. 208-001
 DATE: SEPTEMBER 22, 2021

SANKOFA WETLAND PARK
 NEW ORLEANS, LOUISIANA

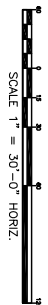
REV. NO.	DATE	DESCRIPTION

BATURE
 ENGINEERS & ARCHITECTS
 1000 PINE ST. SUITE 1000
 NEW ORLEANS, LA 70112
 (504) 581-1111
 www.bature.com

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05B

EXISTING CONDITIONS

PROJECT LOCATION OF RECORD



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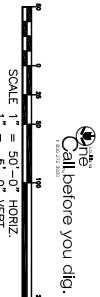
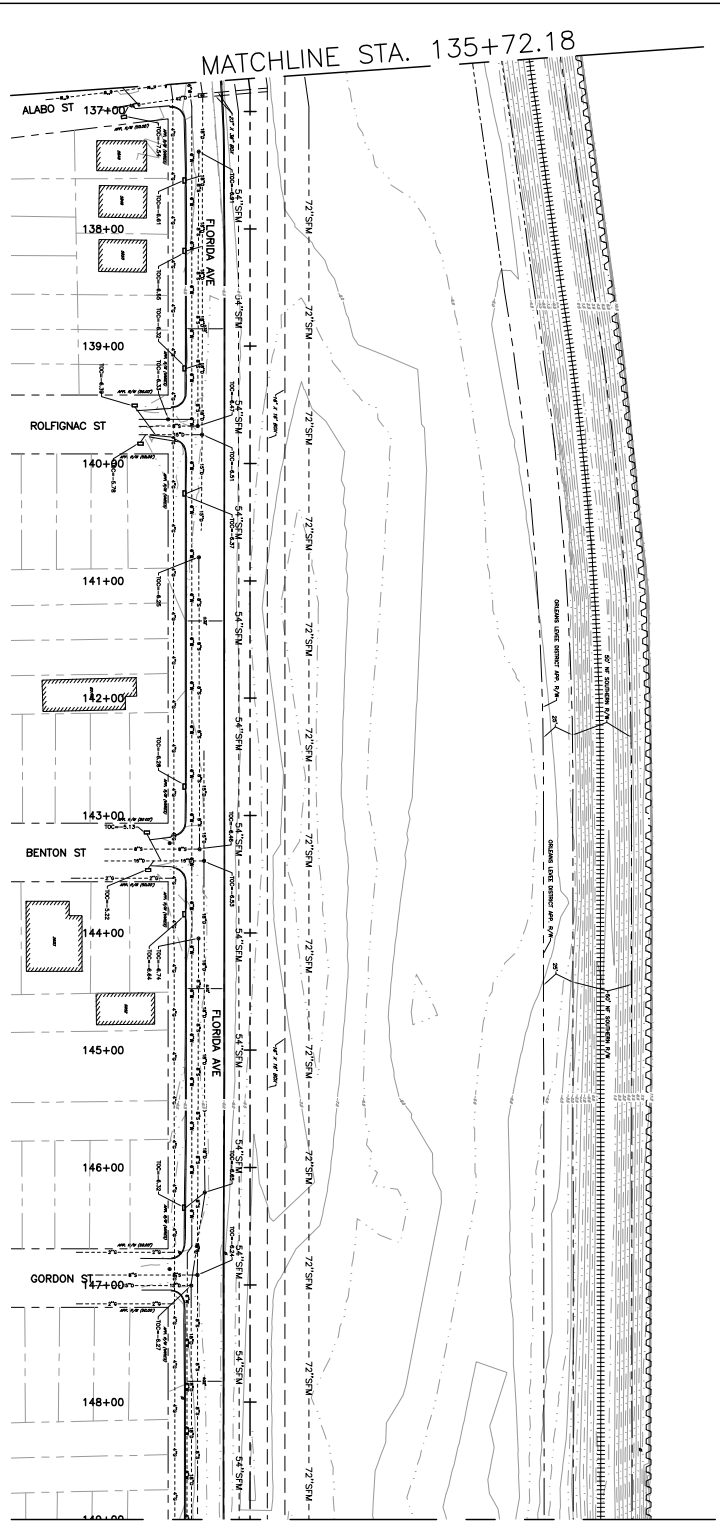
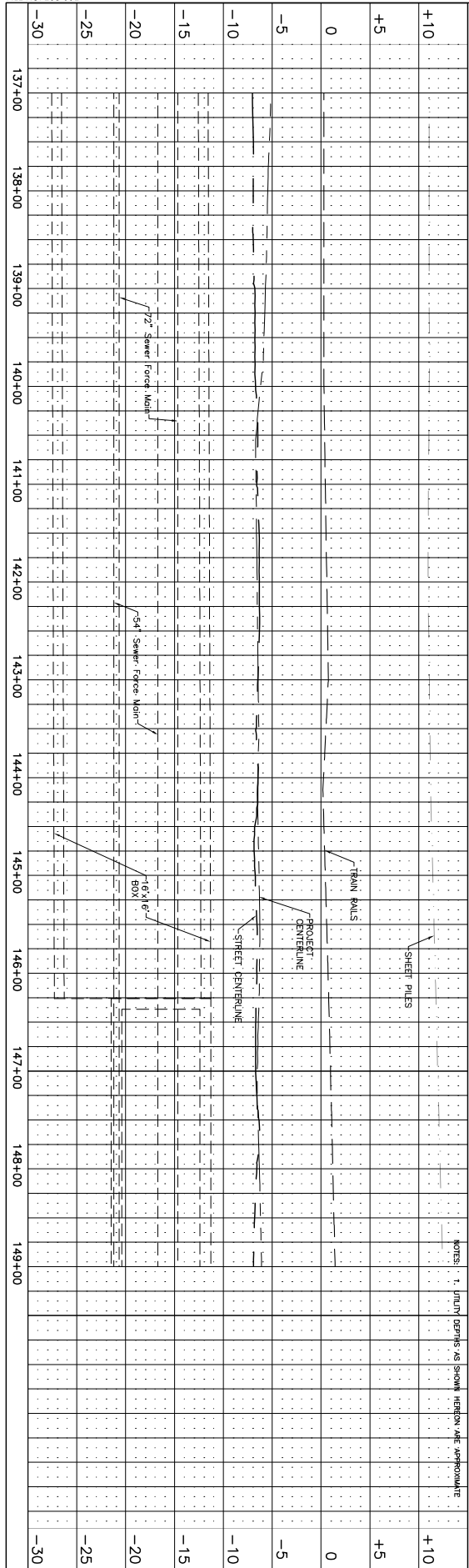
SANKOFA WETLAND PARK

NEW ORLEANS, LOUISIANA

REV. NO.	DATE	DESCRIPTION

BATTURE
 PROFESSIONAL ENGINEER
 LICENSE NO. 10812





NOTES: 1. ELEVATION DENOTES AS SHOWN HEREON ARE APPROXIMATE



06

EXISTING CONDITIONS

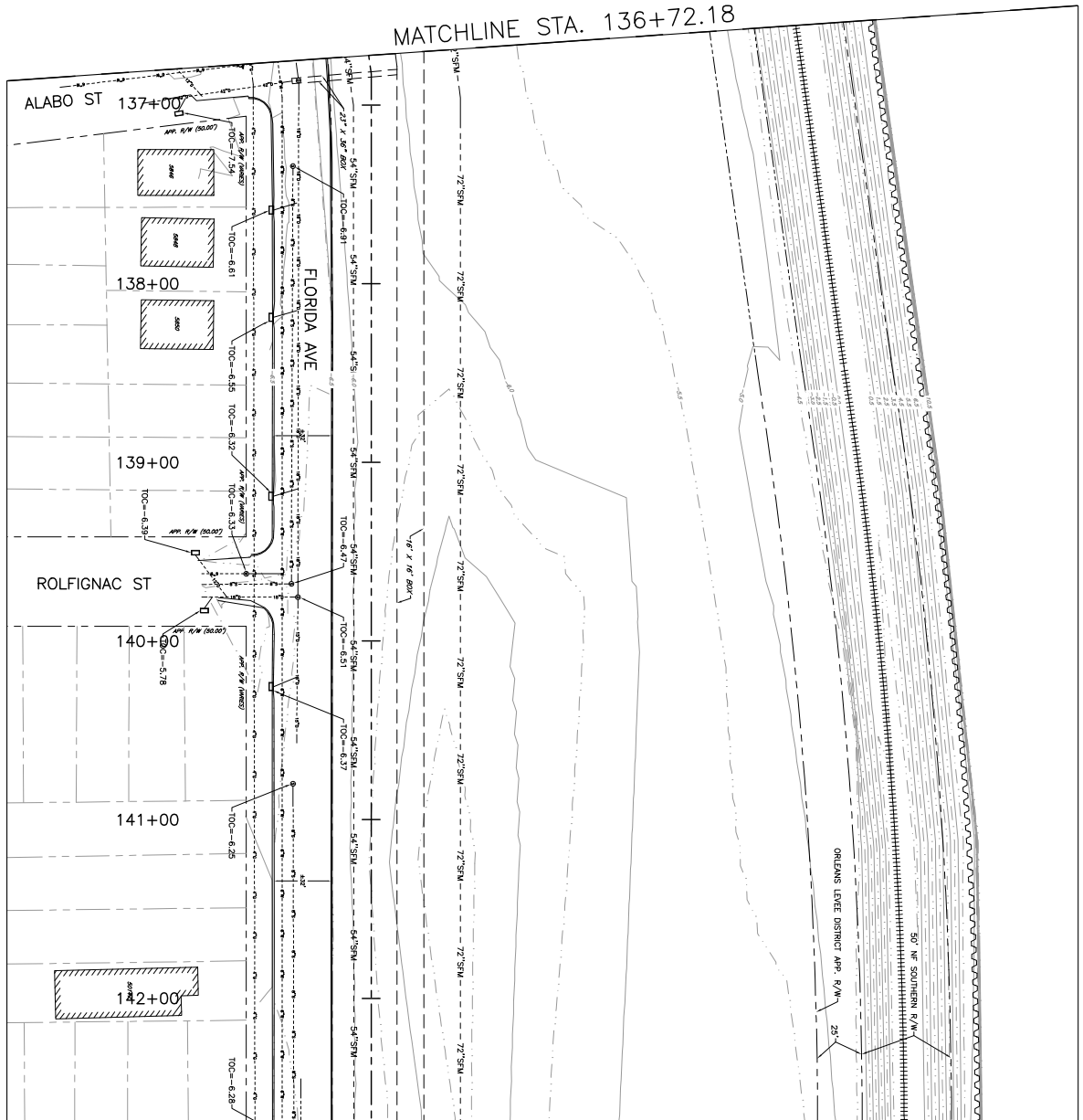


SANKOFA WETLAND PARK
FLORIDA AVE
NEW ORLEANS, LOUISIANA

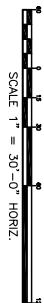
REV. NO.	DATE	DESCRIPTION



MATCHLINE STA. 136+72.18



MATCHLINE STA. 142+50



Call before you dig.



06A

EXISTING CONDITIONS

PROJECT NUMBER: 208-001

DATE: SEPTEMBER 22, 2021

SCALE: AS SHOWN

DESIGNER: BATTURE

CONSULTANT: BATTURE

DATE: SEPTEMBER 22, 2021

PROJECT: SANKOFA WETLAND PARK

LOCATION: NEW ORLEANS, LOUISIANA



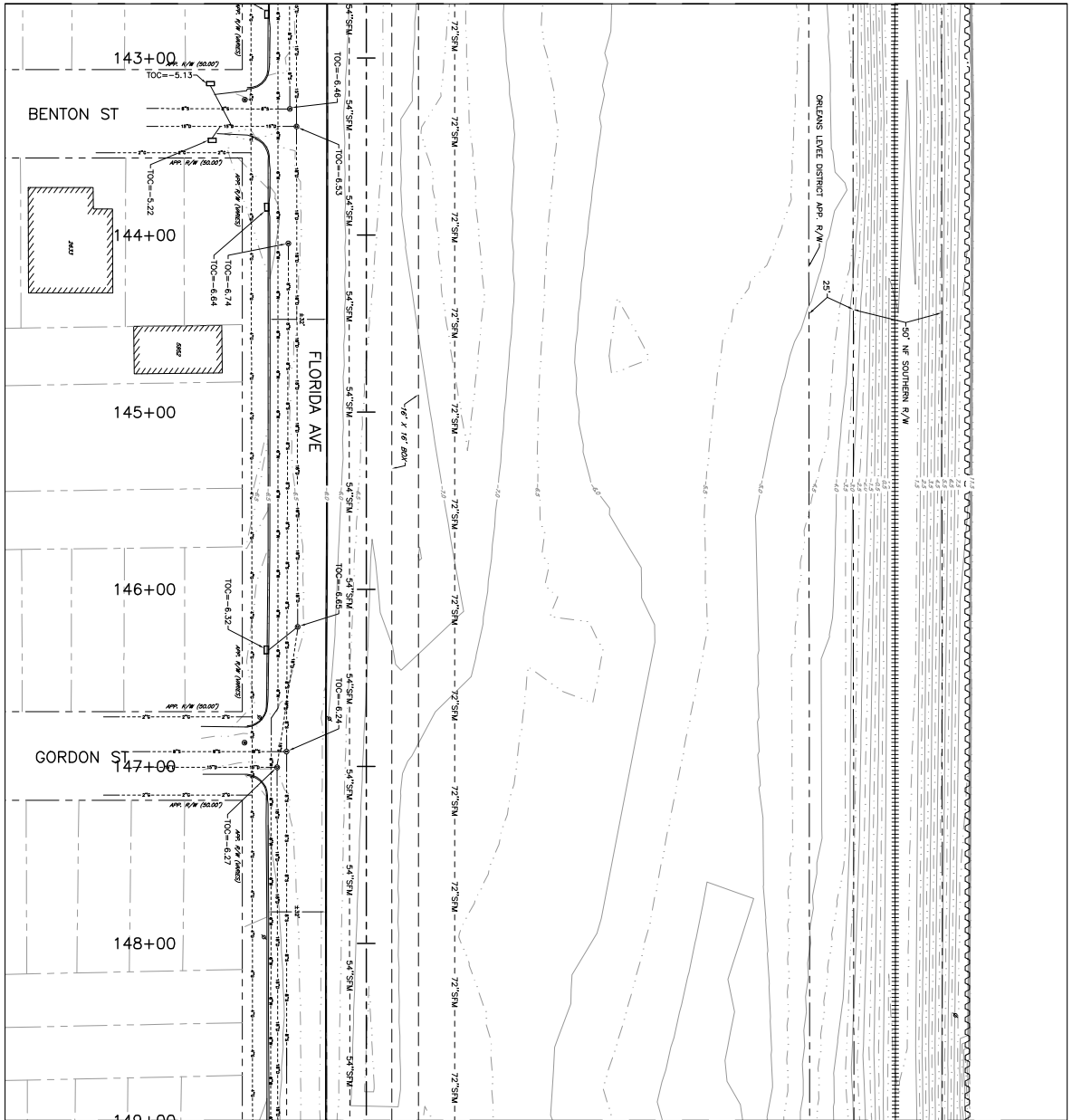
SANKOFA WETLAND PARK

NEW ORLEANS, LOUISIANA

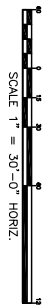
REV. NO.	DATE	DESCRIPTION

BATTURE
 ENGINEERS & ARCHITECTS
 1000 Poydras Street, Suite 2000
 New Orleans, LA 70112
 (504) 581-1111
 www.batture.com

MATCHLINE STA. 142+50



MATCHLINE STA. 149+00



Call before you dig.

SHEET NUMBER
06B

EXISTING
CONDITIONS

PROJECT NUMBER OR RECORD
NUMBER (SEE PLAN SHEET)



DATE
SEPTEMBER 22, 2021

SCALE

REVISIONS

DESIGNED BY
BATTURE

DRAWN BY
BATTURE

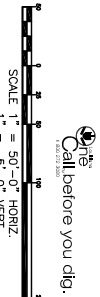
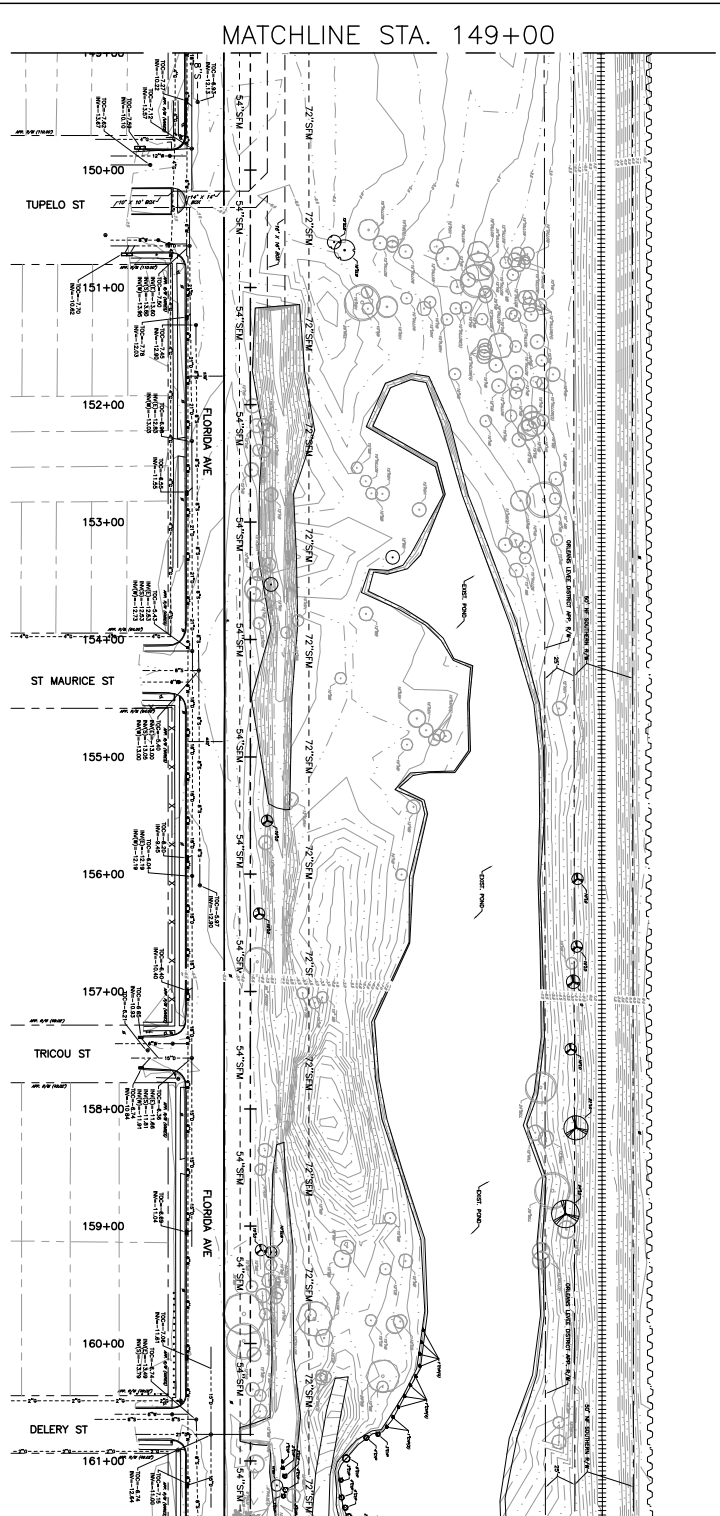
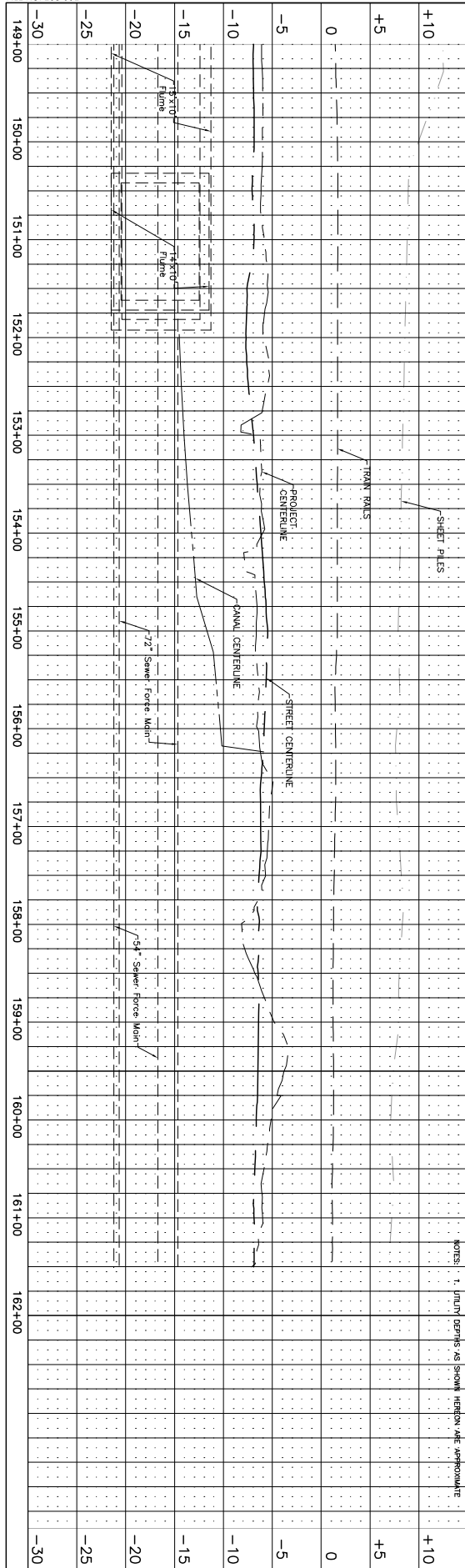
CHECKED BY
BATTURE

SANKOFA WETLAND PARK
NEW ORLEANS, LOUISIANA

REV. NO.	DATE	DESCRIPTION

BATTURE
BATTURE & ASSOCIATES, INC.
1000 PINE STREET, SUITE 200
NEW ORLEANS, LA 70112
504.581.1234
www.batture.com





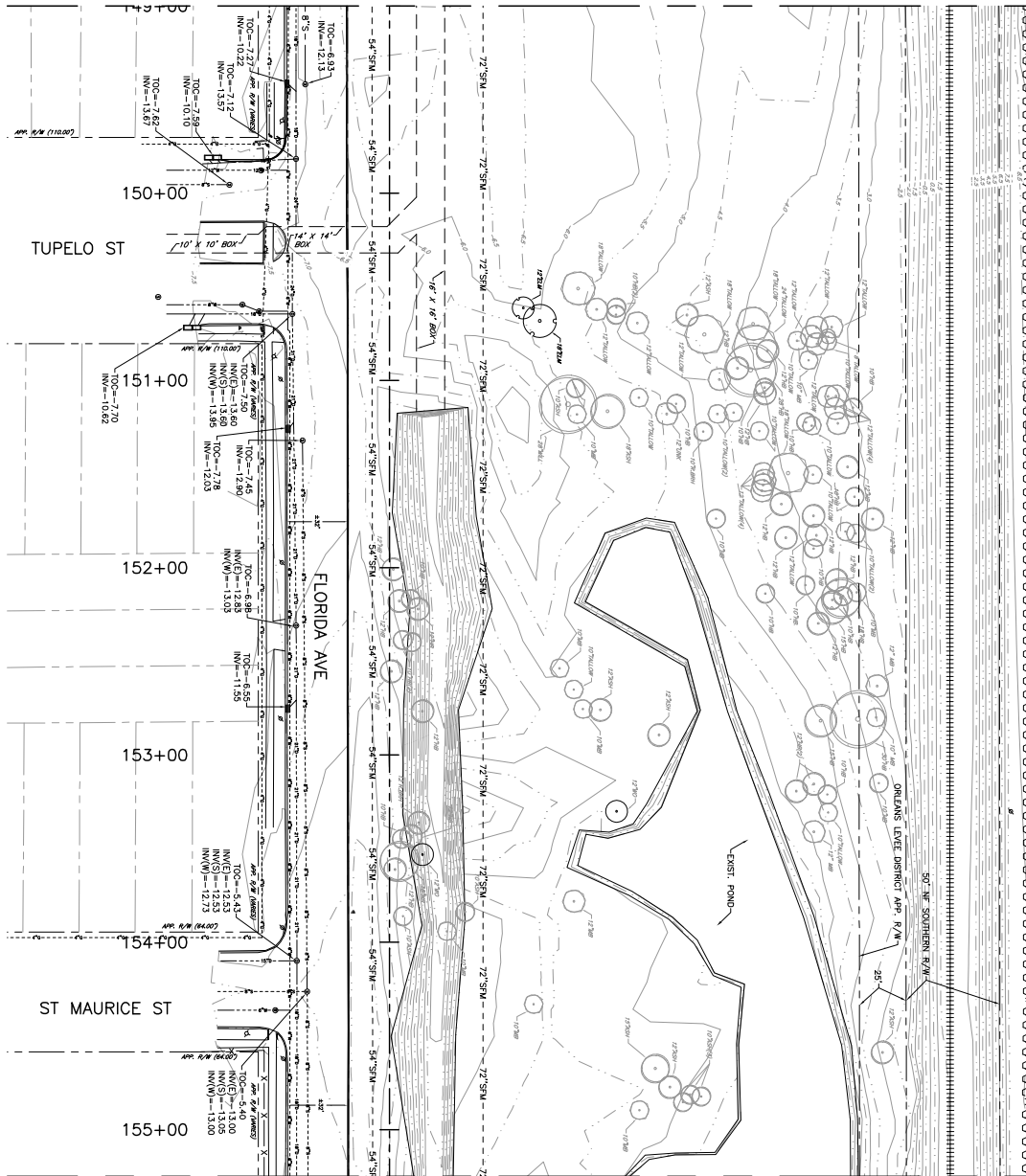
NOTES: 1. ELEVATION DATA AS SHOWN HEREON ARE APPROXIMATE

149+00	150+00	151+00	152+00	153+00	154+00	155+00	156+00	157+00	158+00	159+00	160+00	161+00	162+00
-30													
-25													
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-5													
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+5													
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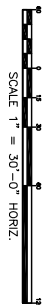
SANKOFA WETLAND PARK
NEW ORLEANS, LOUISIANA

REV. NO.	DATE	DESCRIPTION

MATCHLINE STA. 149+00



MATCHLINE STA. 155+25



Call before you dig.



07A

EXISTING CONDITIONS



STATE OF LOUISIANA
 DEPARTMENT OF TRANSPORTATION
 PROJECT NO. 208-001
 CONTRACT NO. 208-001
 BATTURE
 SEPTEMBER 22, 2021

SANKOFA WETLAND PARK

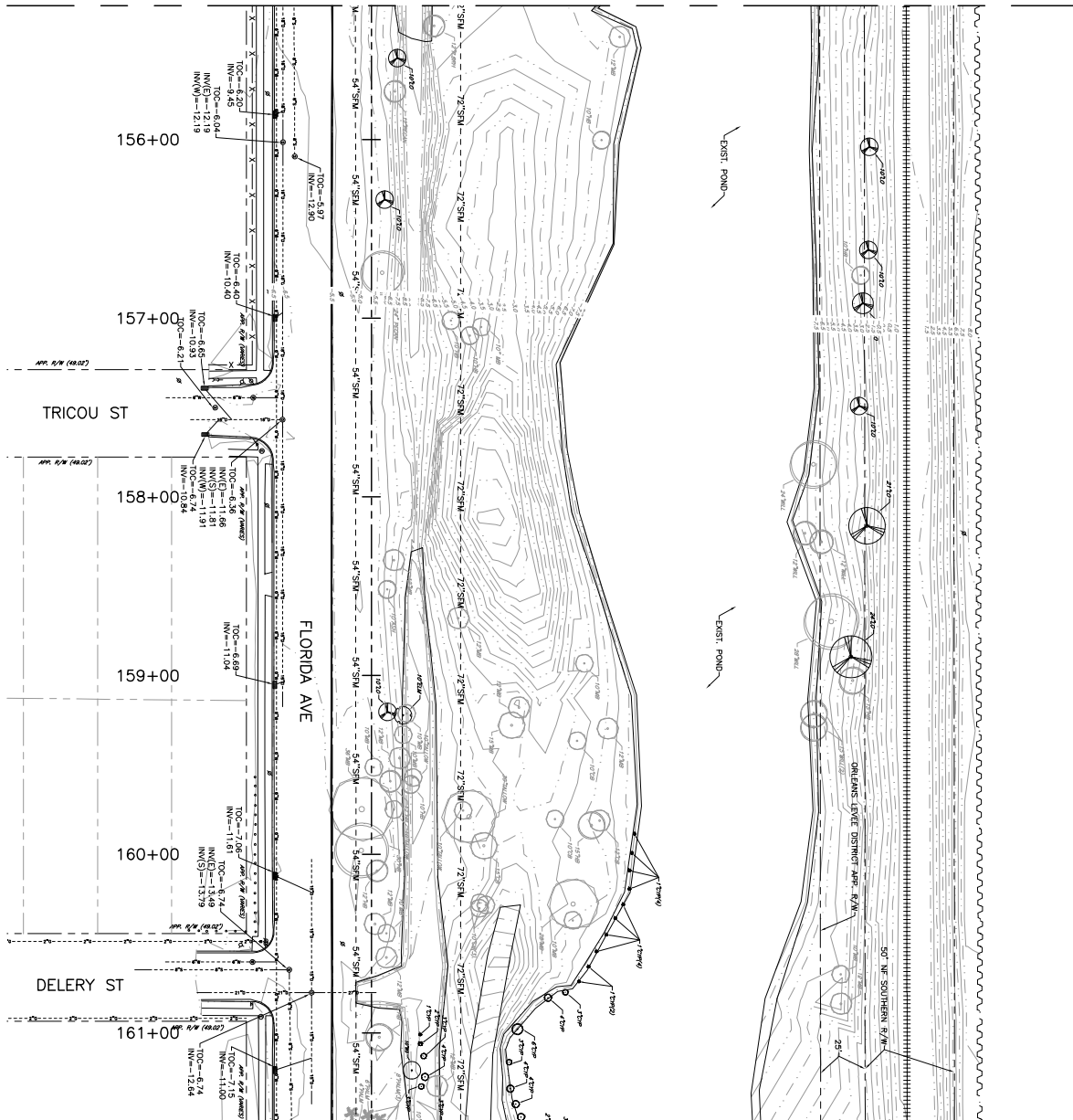
NEW ORLEANS, LOUISIANA

REV. NO.	DATE	DESCRIPTION

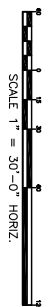
BATURE
 BATTURE & ASSOCIATES
 ENGINEERS, ARCHITECTS, PLANNERS
 1000 PINE ST. SUITE 1000
 NEW ORLEANS, LA 70112
 (504) 581-1111
 www.bature.com



MATCHLINE STA. 155+50



MATCHLINE STA. 161+50



Call before you dig.

07B

EXISTING CONDITIONS



DATE: SEPTEMBER 22, 2021
 DRAWN BY: BATTIERE
 CHECKED BY: BATTIERE

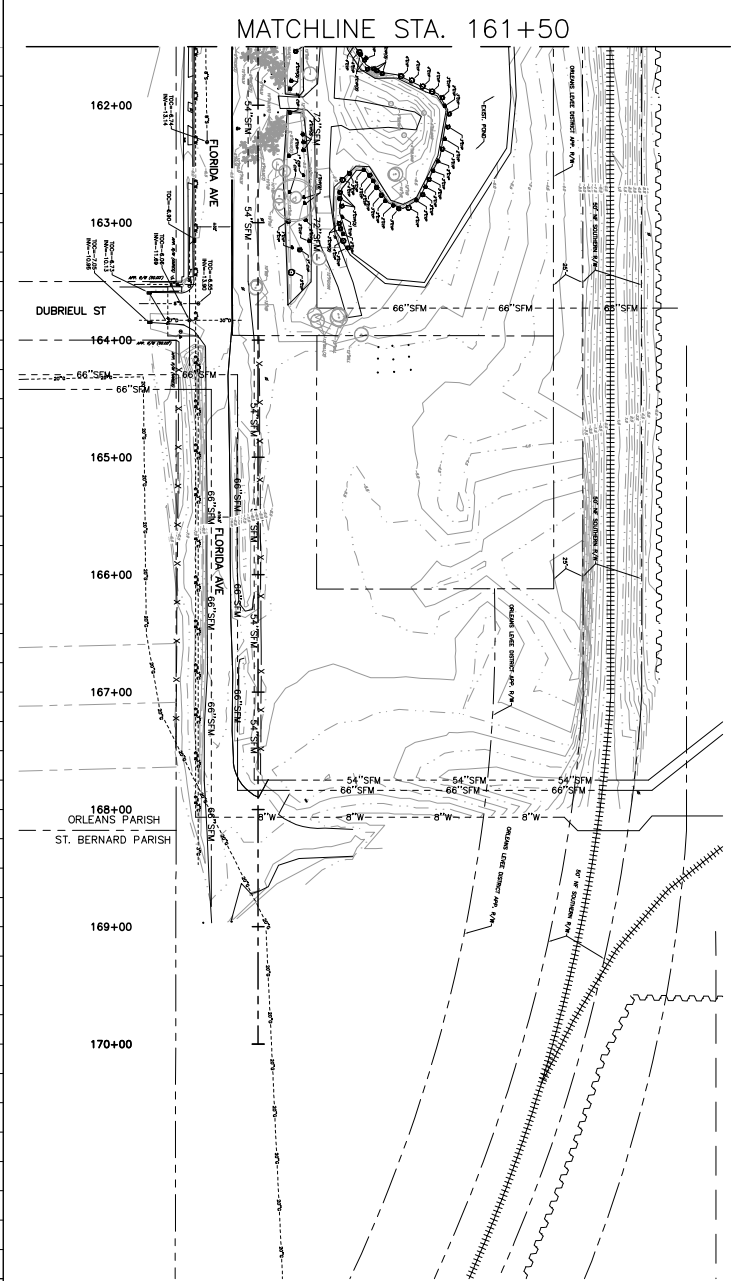
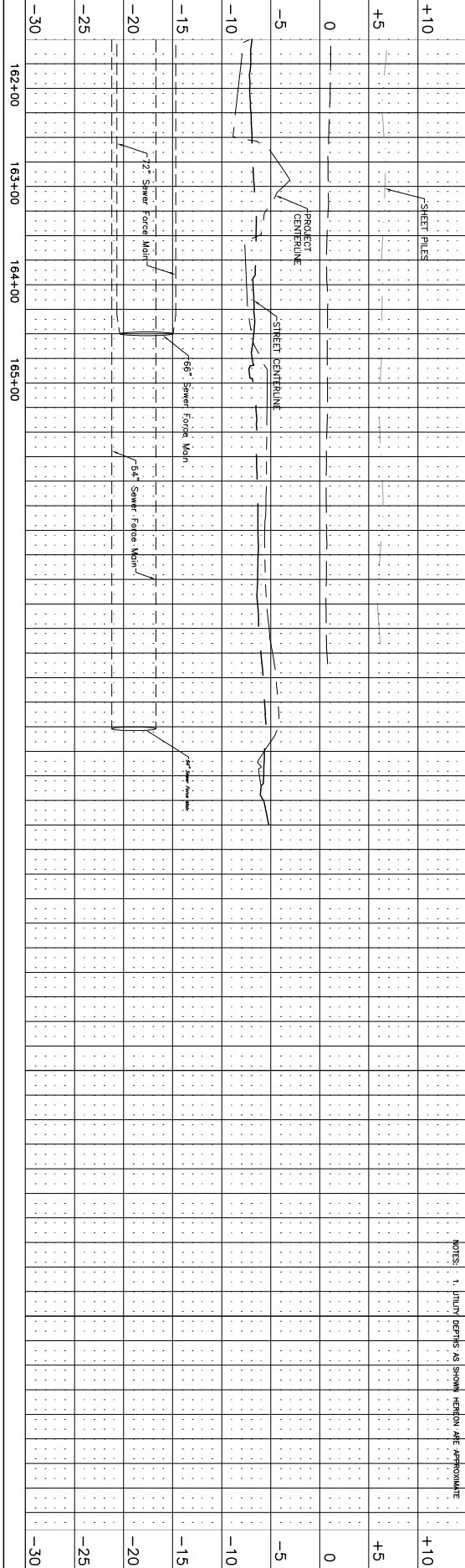
SANKOFA WETLAND PARK

NEW ORLEANS, LOUISIANA

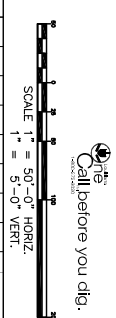
REV. NO.	DATE	DESCRIPTION

BATURE





NOTES: 1. JUNCTIONS AS SHOWN HEREON ARE APPROXIMATE.



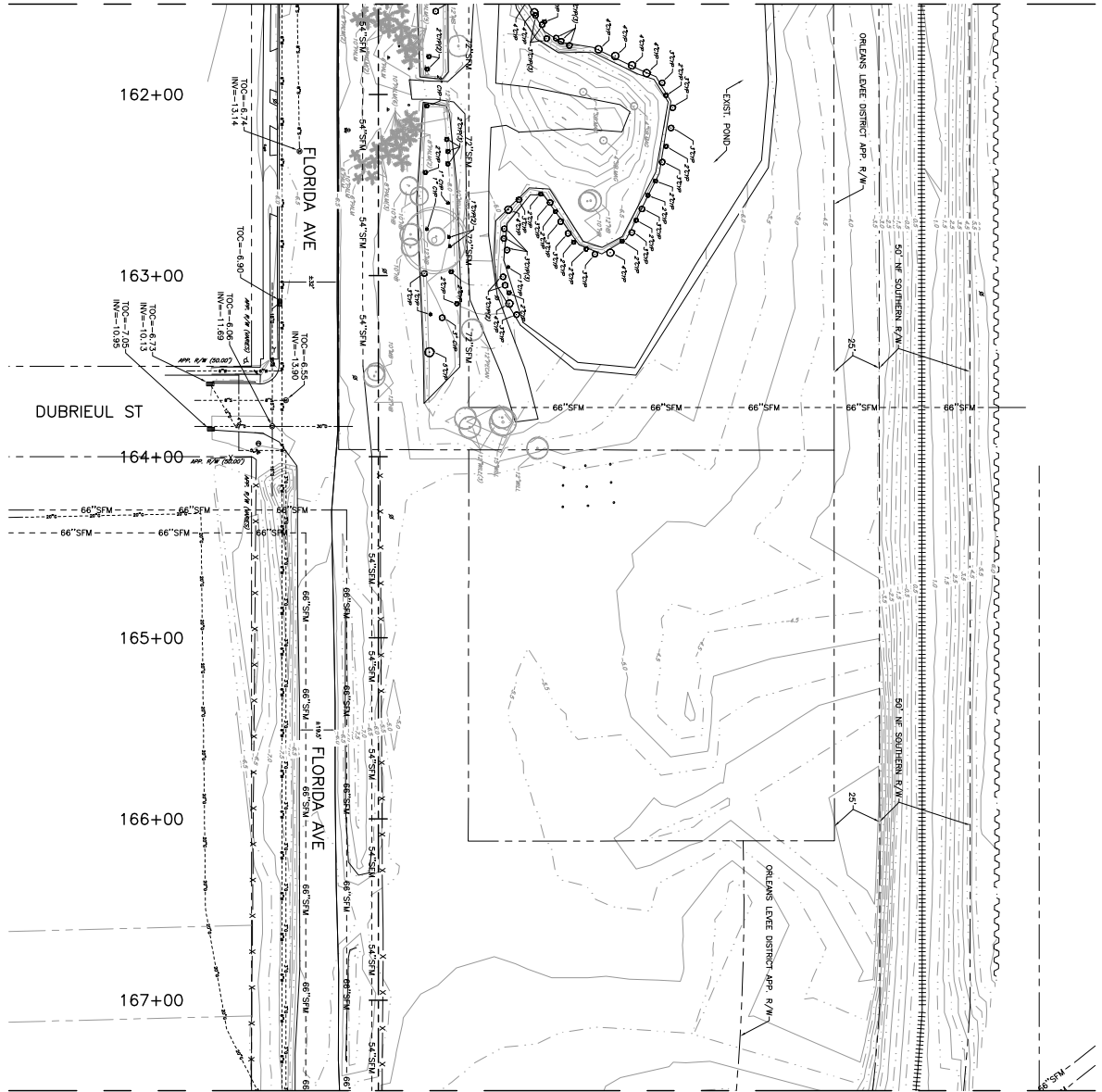


SANKOFA WETLAND PARK
FLORIDA AVE NEW ORLEANS, LOUISIANA

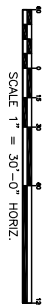
08

REV. NO.	DATE	DESCRIPTION

MATCHLINE STA. 161+50



MATCHLINE STA. 167+50



Call before you dig.



08A

EXISTING CONDITIONS

PROJECT NO. 208-001



DATE: SEPTEMBER 22, 2021

SCALE:

PROJECT:

CLIENT:

DESIGNER:

SANKOFA WETLAND PARK

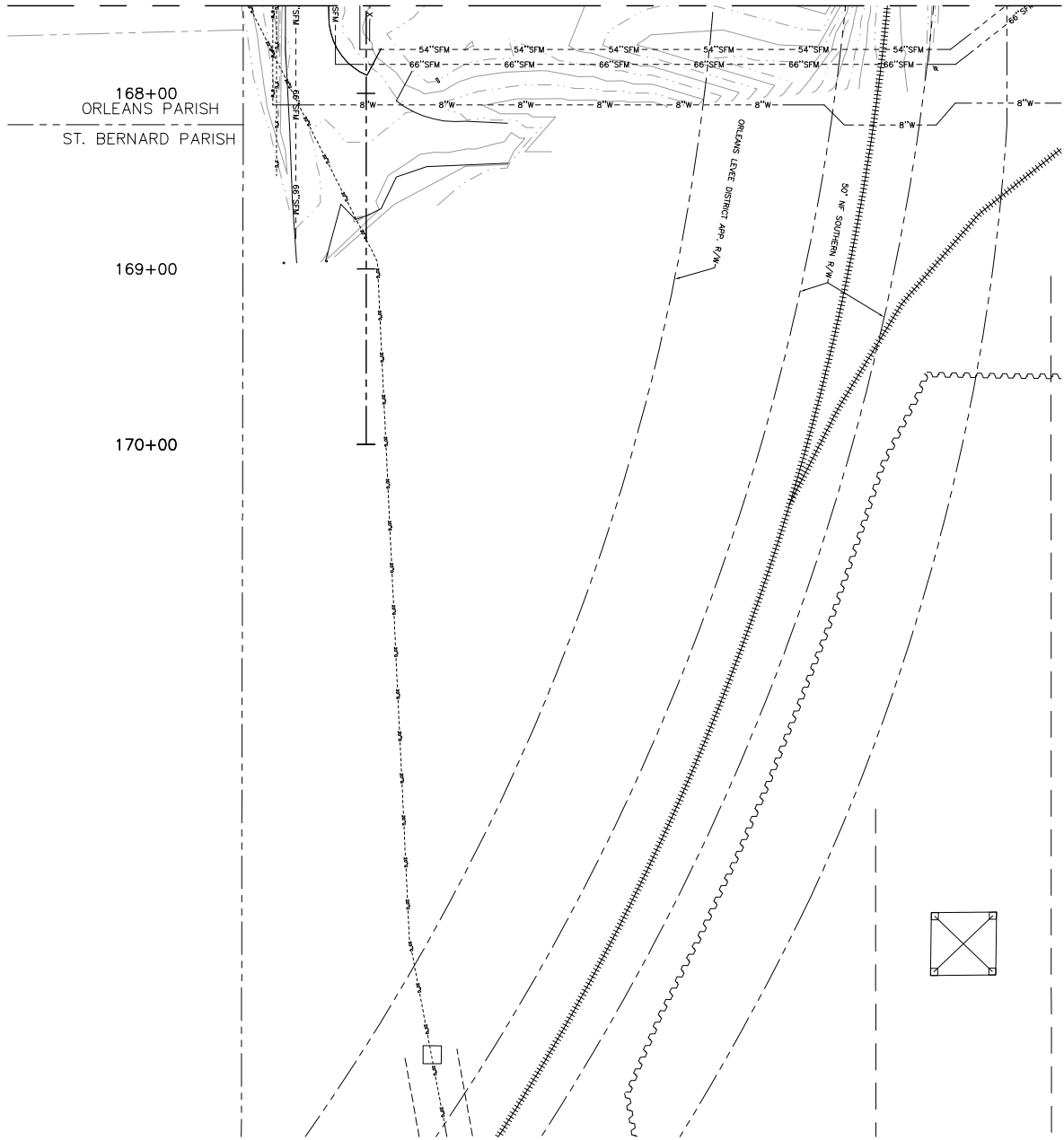
NEW ORLEANS, LOUISIANA

REV. NO.	DATE	DESCRIPTION

BATURE & ASSOCIATES



MATCHLINE STA. 167+50



168+00
ORLEANS PARISH
ST. BERNARD PARISH

169+00

170+00

ORLEANS LAKE DISTRICT

SOF NE SOUTHERN R/W



Call before you dig.

08B

EXISTING CONDITIONS



PROJECT: SANKOFA WETLAND PARK
 LOCATION: NEW ORLEANS, LA
 DATE: SEPTEMBER 22, 2021

SANKOFA WETLAND PARK

NEW ORLEANS, LOUISIANA

REV. NO.	DATE	DESCRIPTION

BATURE & ASSOCIATES
 1000 PINE ST. SUITE 100
 NEW ORLEANS, LA 70112
 (504) 581-1111



APPENDIX B

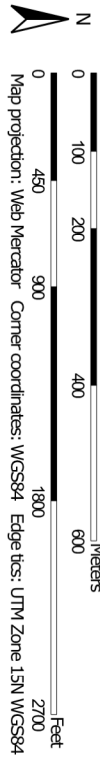
APPENDIX C

Hydrologic Soil Group—Orleans Parish, Louisiana

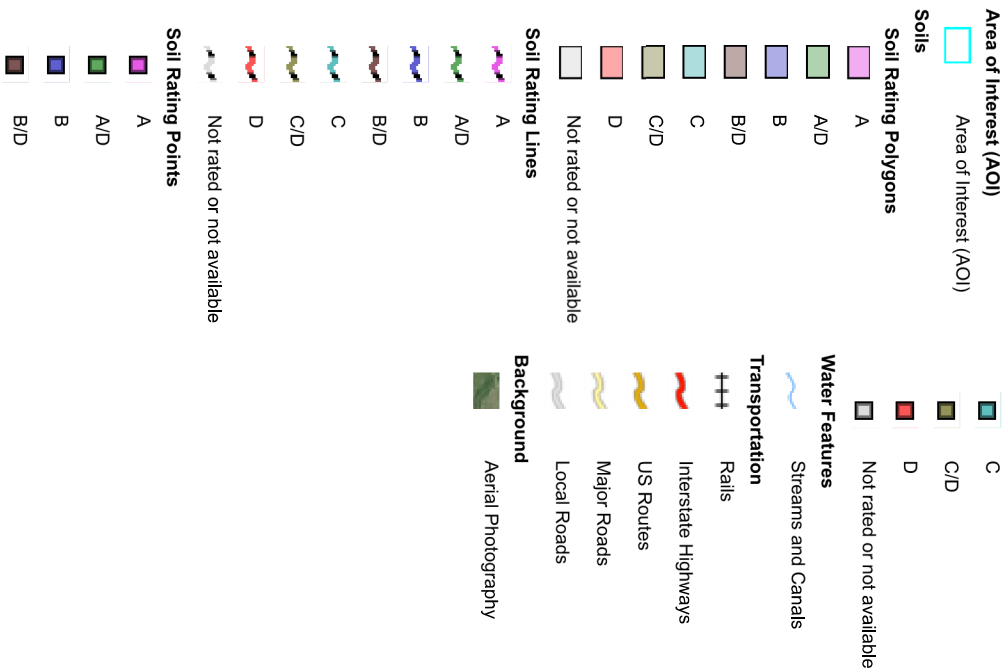


Soil Map may not be valid at this scale.

Map Scale: 1:9,700 if printed on A landscape (11" x 8.5") sheet.



MAP LEGEND



MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Orleans Parish, Louisiana
 Survey Area Data: Version 16, Sep 8, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 16, 2019—Apr 21, 2019

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
AT	Aquents, dredged, frequently flooded	D	37.3	97.6%
Ha	Harahan clay, 0 to 1 percent slopes	D	0.9	2.4%
Totals for Area of Interest			38.3	100.0%

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

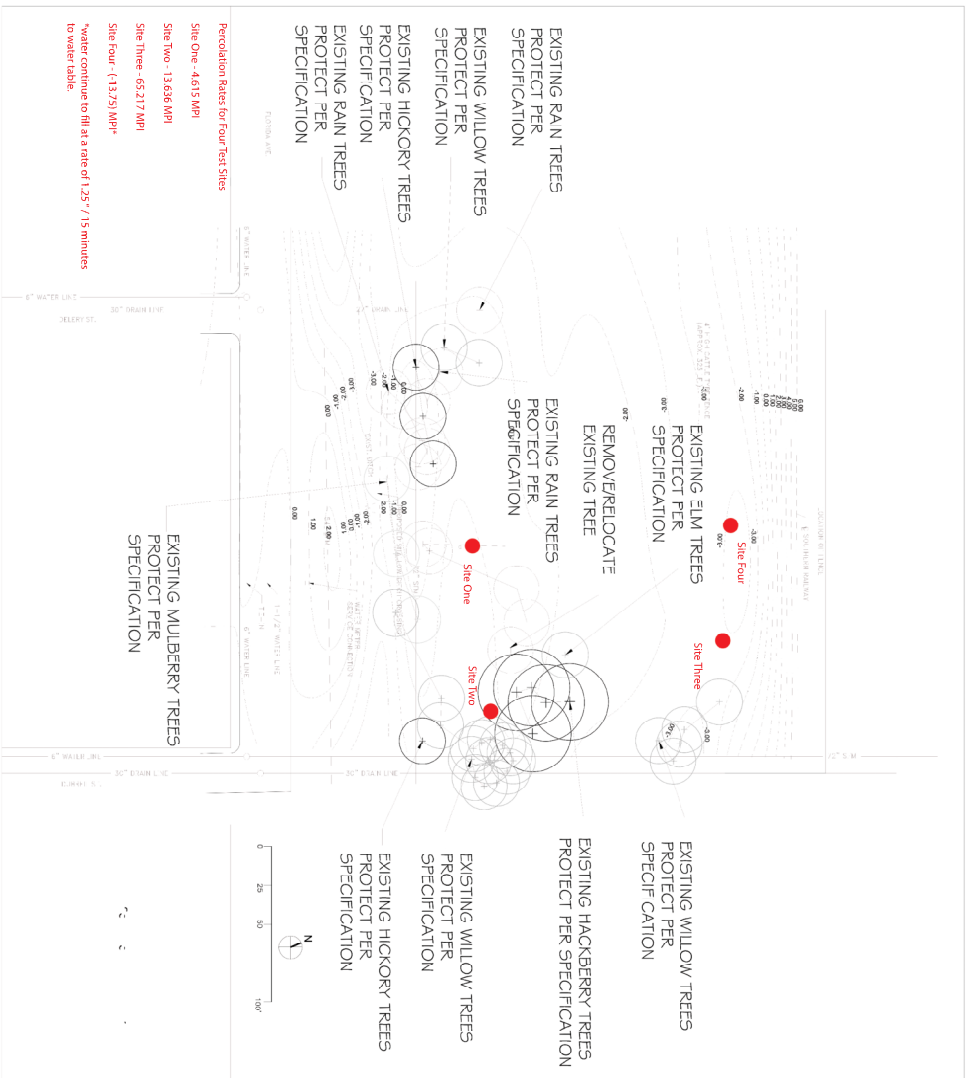
Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Higher

APPENDIX D



Percolation Rates for Four Test Sites

Site One - 4.615 MPH

Site Two - 13.638 MPH

Site Three - 65.217 MPH

Site Four - (13.75) MPH

*water continues to fill at a rate of 1.25 / 15 minutes to water table

DEMOLITION PLAN
I - 3C - C

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL REQUIRED UTILITIES AND SHALL BE RESPONSIBLE FOR REPAIRING ALL UTILITIES DAMAGED BY HIS OR HER CONSTRUCTION. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR HAVING TO MAKE ANY NECESSARY REPAIRS TO ANY UTILITIES DAMAGED THROUGH CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL REQUIRED UTILITIES AND SHALL BE RESPONSIBLE FOR REPAIRING ALL UTILITIES DAMAGED BY HIS OR HER CONSTRUCTION. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR HAVING TO MAKE ANY NECESSARY REPAIRS TO ANY UTILITIES DAMAGED THROUGH CONSTRUCTION.

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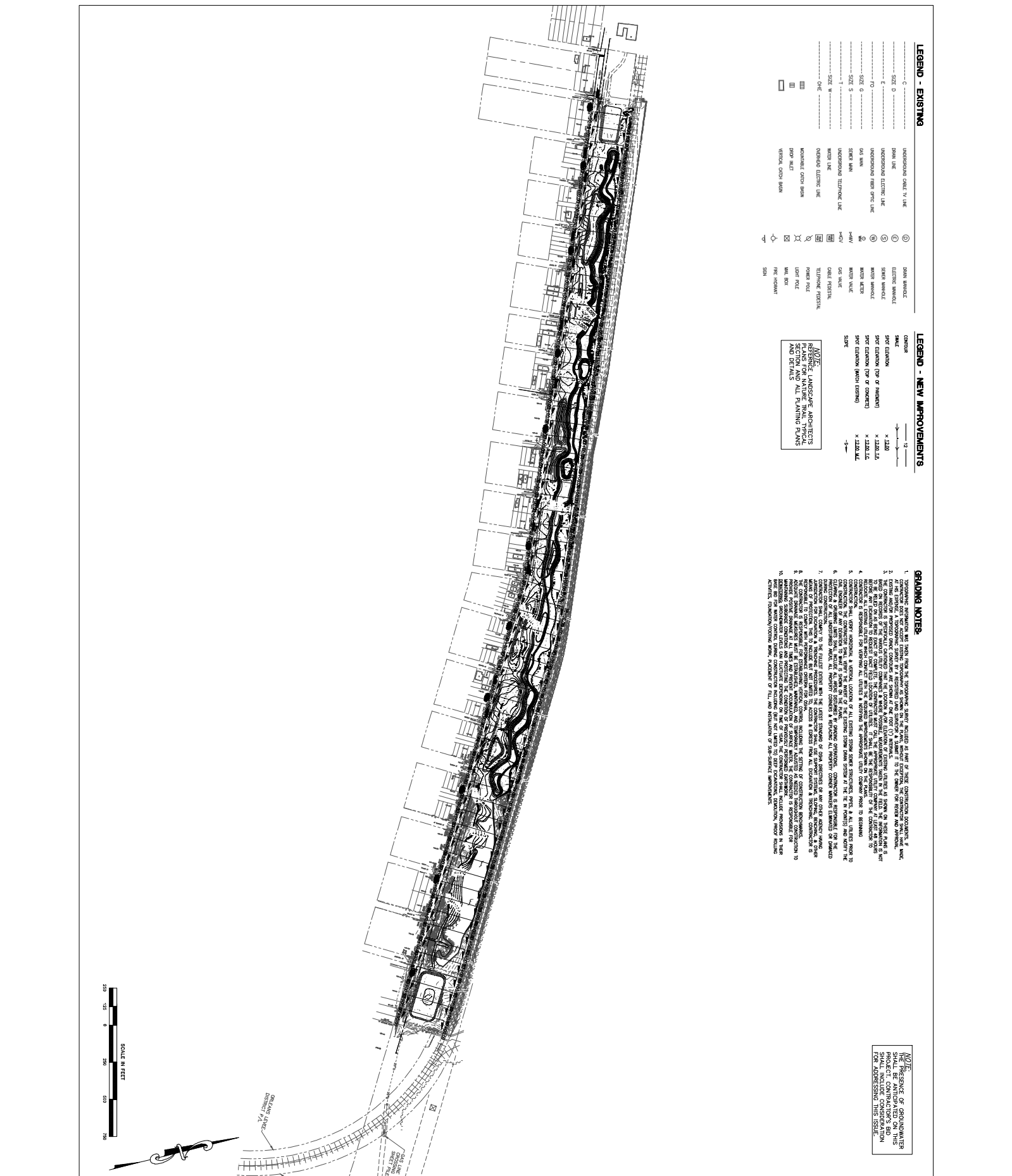
DESIGNERS, LLC
NEW BRIDGE TOWN CENTER 117
SUITE 200
NEW BRIDGE, NJ 08053
www.designersllc.com
908.399.0000

SANKOFIA PARTNERSHIP
1401 FORD AVENUE SUITE 200
ROCKAWAY, NJ 07866
www.sankofia.com
908.982.1000

SANKOFIA 2014.1
05/20/2015
DEMOLITION/
PLANS
LD1.1

APPENDIX E

APPENDIX F



LEGEND - EXISTING

⊖	UNDERGROUND CABLE TV LINE
—○—	UNDERGROUND TELEPHONE LINE
—○—	UNDERGROUND ELECTRIC LINE
—○—	UNDERGROUND FIBER OPTIC LINE
—○—	UNDERGROUND WATER MAIN
—○—	UNDERGROUND SEWER LINE
—○—	UNDERGROUND GAS MAIN
—○—	UNDERGROUND RAINFALL LINE
—○—	UNDERGROUND EROSION CONTROL LINE
—○—	UNDERGROUND EROSION CONTROL LINE
—○—	UNDERGROUND EROSION CONTROL LINE
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—○—	UNDERGROUND EROSION CONTROL LINE
—○—	UNDERGROUND EROSION CONTROL LINE

LEGEND - NEW IMPROVEMENTS

①	DRAIN MANHOLE
②	ELECTRIC MANHOLE
③	SEWER MANHOLE
④	WATER MANHOLE
⑤	WATER PILE
⑥	WATER PILE
⑦	WATER PILE
⑧	WATER PILE
⑨	WATER PILE
⑩	WATER PILE
⑪	WATER PILE
⑫	WATER PILE
⑬	WATER PILE
⑭	WATER PILE
⑮	WATER PILE
⑯	WATER PILE
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㊿	WATER PILE

- ### GRADING NOTES
1. EXISTING GRADE SHOWN FROM THE TOPOGRAPHIC SURVEY PROVIDED AS PART OF THESE CONSTRUCTION DOCUMENTS. THE EXISTING GRADE IS SHOWN AS A DOTTED LINE.
 2. THE PROPOSED GRADE IS SHOWN AS A SOLID LINE. THE PROPOSED GRADE IS TO BE CONFORMED TO THE PROPOSED GRADE SHOWN ON THIS PLAN.
 3. THE PROPOSED GRADE IS TO BE CONFORMED TO THE PROPOSED GRADE SHOWN ON THIS PLAN. THE PROPOSED GRADE IS TO BE CONFORMED TO THE PROPOSED GRADE SHOWN ON THIS PLAN.
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NOTE:
 THE PRESENCE OF GROUNDWATER SHALL BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL BE ADJUSTED TO REFLECT THE PRESENCE OF GROUNDWATER ON THIS PROJECT. ADDRESSING THIS ISSUE.

SCALE IN FEET
 0 125 250 500 750

DDG
 DUPLANTIS DESIGN GROUP

4141 Bienville St., Suite 101
 New Orleans, LA 70119
 Office: 504.434.6565
 www.ddgpc.com

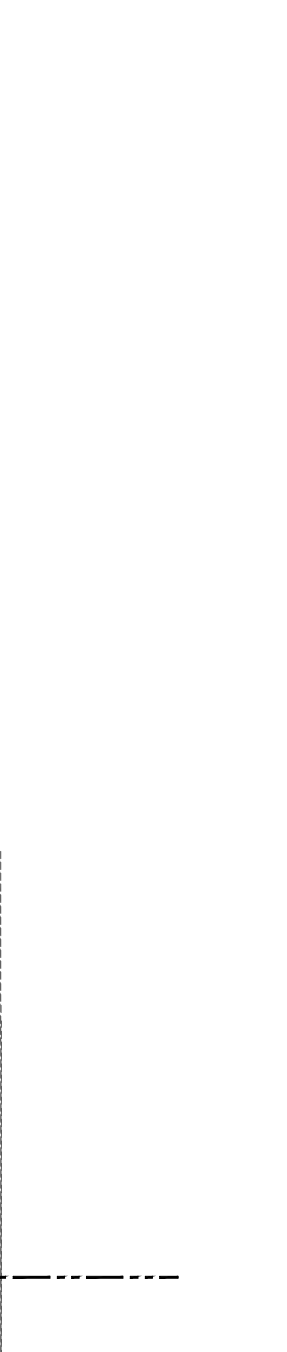
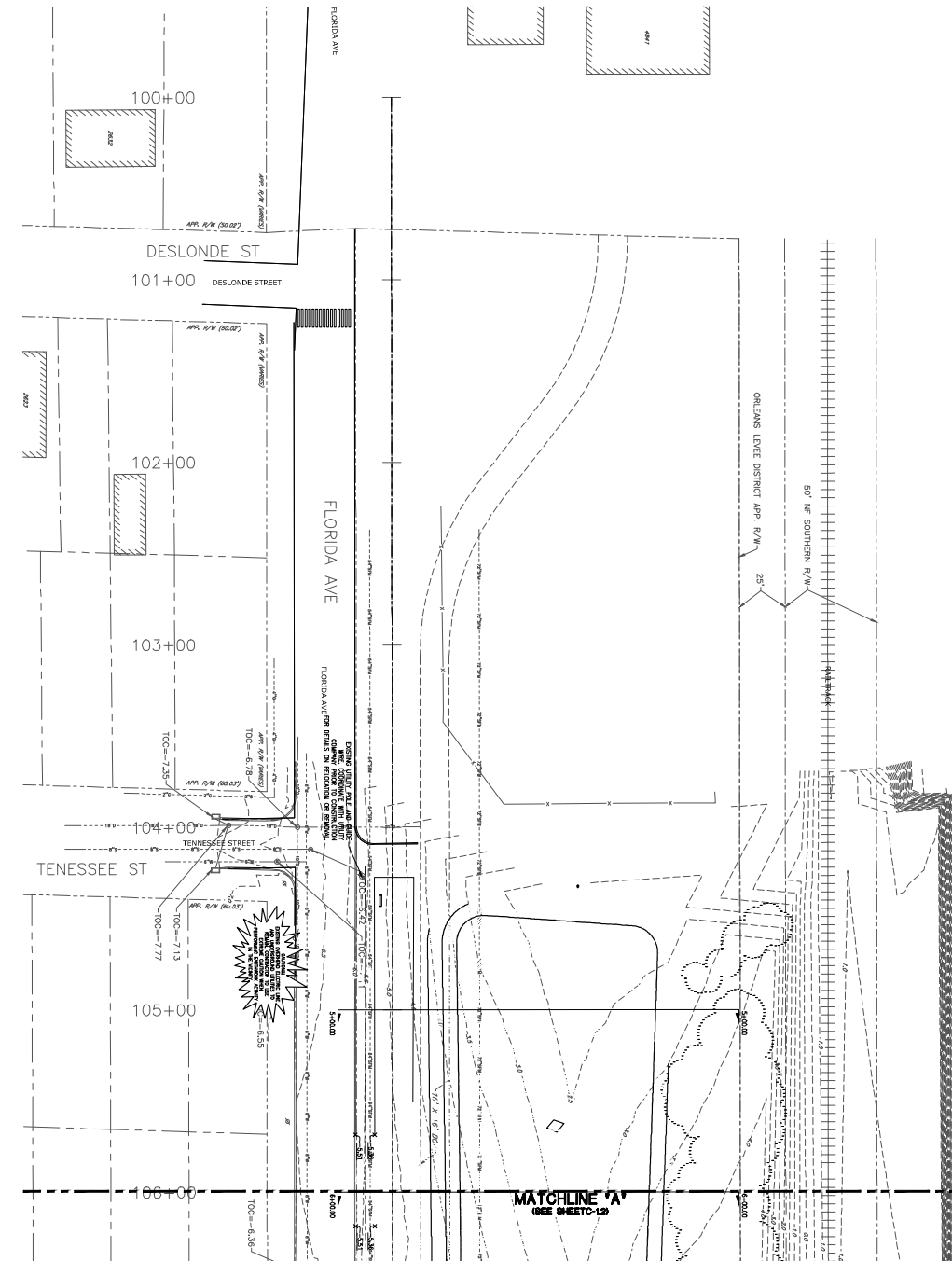
CONSULTANTS:

SAKOKO NATURE TRAILS AND WETLAND PRESERVE

ASAKURA ROBINSON

12-30-2021

DESIGNED BY: [Name]
 CHECKED BY: [Name]
 APPROVED BY: [Name]
 DATE: [Date]
 PROJECT: [Project Name]
 CLIENT: [Client Name]

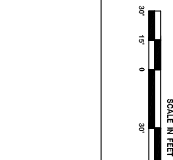


- ### LEGEND - EXISTING
- UNDERGROUND CABLE TV LINE
 - SIZE D
 - OVERHEAD ELECTRIC LINE
 - SIZE D
 - UNDERGROUND FIBER OPTIC LINE
 - SIZE G
 - UNDERGROUND TELEPHONE LINE
 - SIZE W
 - OVERHEAD TELEPHONE LINE
 - SIZE W
 - NONMETRIC CURB BASIN
 - OVER INLET
 - VERTICAL CURB BASIN
 - DOWN MANHOLE
 - ELECTRIC MANHOLE
 - SEWER MANHOLE
 - WATER MANHOLE
 - WATER METERS
 - WATER VALVE
 - ONE FOOT PERCENT TELEPHONE RESISTOR
 - POWER POLE
 - LIGHT POLE
 - MAIL BOX
 - POST BOX
 - PRE HANGING SIGN

- ### LEGEND - NEW IMPROVEMENTS
- CONTOUR
 - 1' - 1"
 - 1:100
 - SHORT ELEVATION (TOP OF FINISHED)
 - X 2.00 L.C.
 - SHORT ELEVATION (TOP OF CONCRETE)
 - X 2.00 L.C.
 - SHORT ELEVATION (WATER DRAINING)
 - X 2.00 L.C.
 - SLOPE
 - 1:1

NOTE:
 THE PRESENCE OF GROUNDWATER HAS NOT BEEN VERIFIED IN THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

NOTE:
 REFER TO LANDSCAPE ARCHITECTS REFERENCE LANDSCAPE SECTION AND ALL FINISHING PLANS AND DETAILS



KEY MAP

The key map shows a section of the Orleans Level District App. R/W. The project location is highlighted with a thick black line. Several points along the project line are labeled with stationing: 100+00, 101+00, 102+00, 103+00, 104+00, 105+00, and 106+00. The map also shows the surrounding streets and the general layout of the district.

ASAKURA ROBINSON

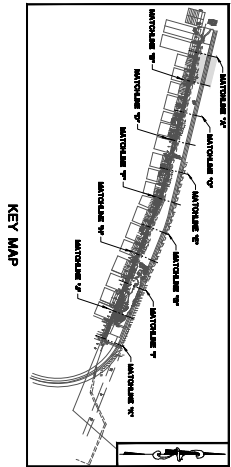
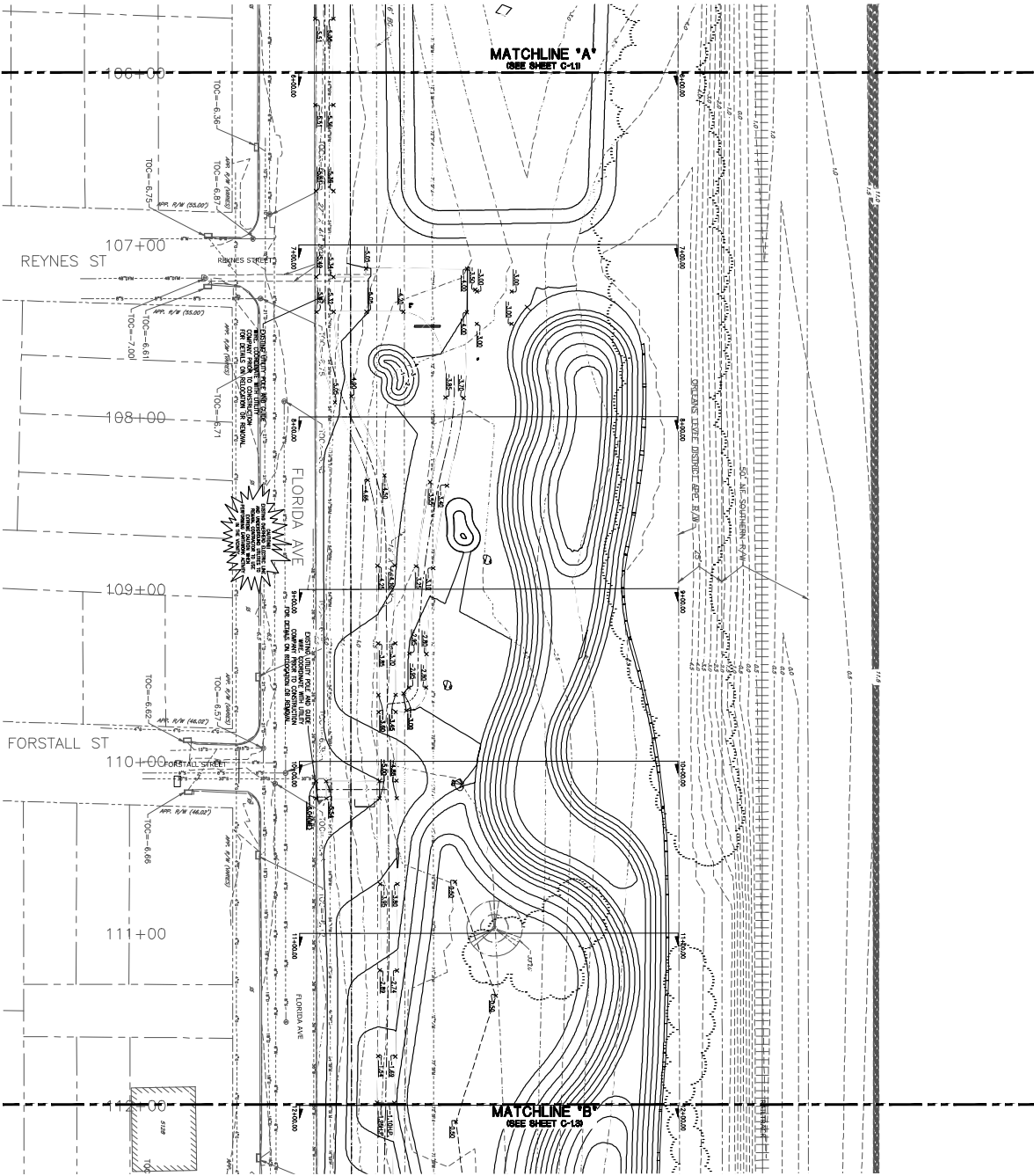
CONSULTANTS

4141 Bienville St, Suite 101
 New Orleans, LA 70119
 Office: 504.434.6565
www.ddgpc.com



DATE	REVISION

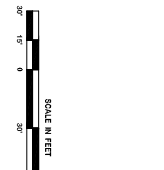
DESIGNED BY: SCOTT M. THAYER
 CHECKED BY: SAH
 APPROVED BY: TASHAWN
 DATE: 12-30-2021
 PROJECT NAME: SANKOFA NATURE TRAILS AND WETLAND PRESERVE
 SHEET: C-11
GRADING PLAN



- LEGEND - EXISTING**
- SIZE D UNDERGROUND CABLE TV LINE
 - SIZE D DOWN LINE
 - E UNDERGROUND ELECTRIC LINE
 - F10 UNDERGROUND FIBER OPTIC LINE
 - SIZE G GAS MAIN
 - SIZE S SEWER MAIN
 - SIZE W WATER LINE
 - UNDERGROUND TELEPHONE LINE
 - WATER LINE
 - OPENING ELECTRICAL LINE
 - NONDESTRUCTIVE CONCRETE
 - OPEN RILET
 - VERTICAL CURVE BRUSH
 - OPEN MANHOLE
 - ELECTRIC MANHOLE
 - SEWER MANHOLE
 - WATER MANHOLE
 - WATER METER
 - GAS VALVE
 - CHECK POINT
 - TELEPHONE EQUIPMENT
 - POWER POLE
 - LIGHT POLE
 - MAIL BOX
 - FIRE HYDRANT
 - SIGN

- LEGEND - NEW IMPROVEMENTS**
- 1:1 SLOPE
 - X 2:1.5 SLOPE
 - X 2:2.0 SLOPE
 - X 2:2.5 SLOPE
 - X 3:1 SLOPE
 - X 4:1 SLOPE
 - X 5:1 SLOPE
 - X 6:1 SLOPE
 - X 7:1 SLOPE
 - X 8:1 SLOPE
 - X 9:1 SLOPE
 - X 10:1 SLOPE
 - X 12:1 SLOPE
 - X 15:1 SLOPE
 - X 20:1 SLOPE
 - X 25:1 SLOPE
 - X 30:1 SLOPE
 - X 40:1 SLOPE
 - X 50:1 SLOPE
 - X 60:1 SLOPE
 - X 75:1 SLOPE
 - X 100:1 SLOPE

NOTE:
 REFER TO LANDSCAPE ARCHITECTS SECTION AND ALL FINISHING PLANS AND DETAILS



DDG
 DUPLANTIS DESIGN GROUP

4141 Bienville St., Suite 101
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 Office: 504.434.6565
 www.ddgpc.com

CONSULTANTS:

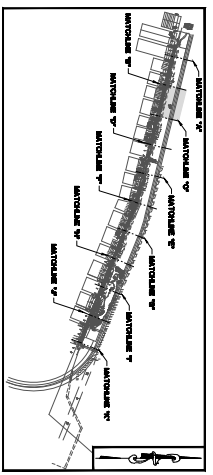
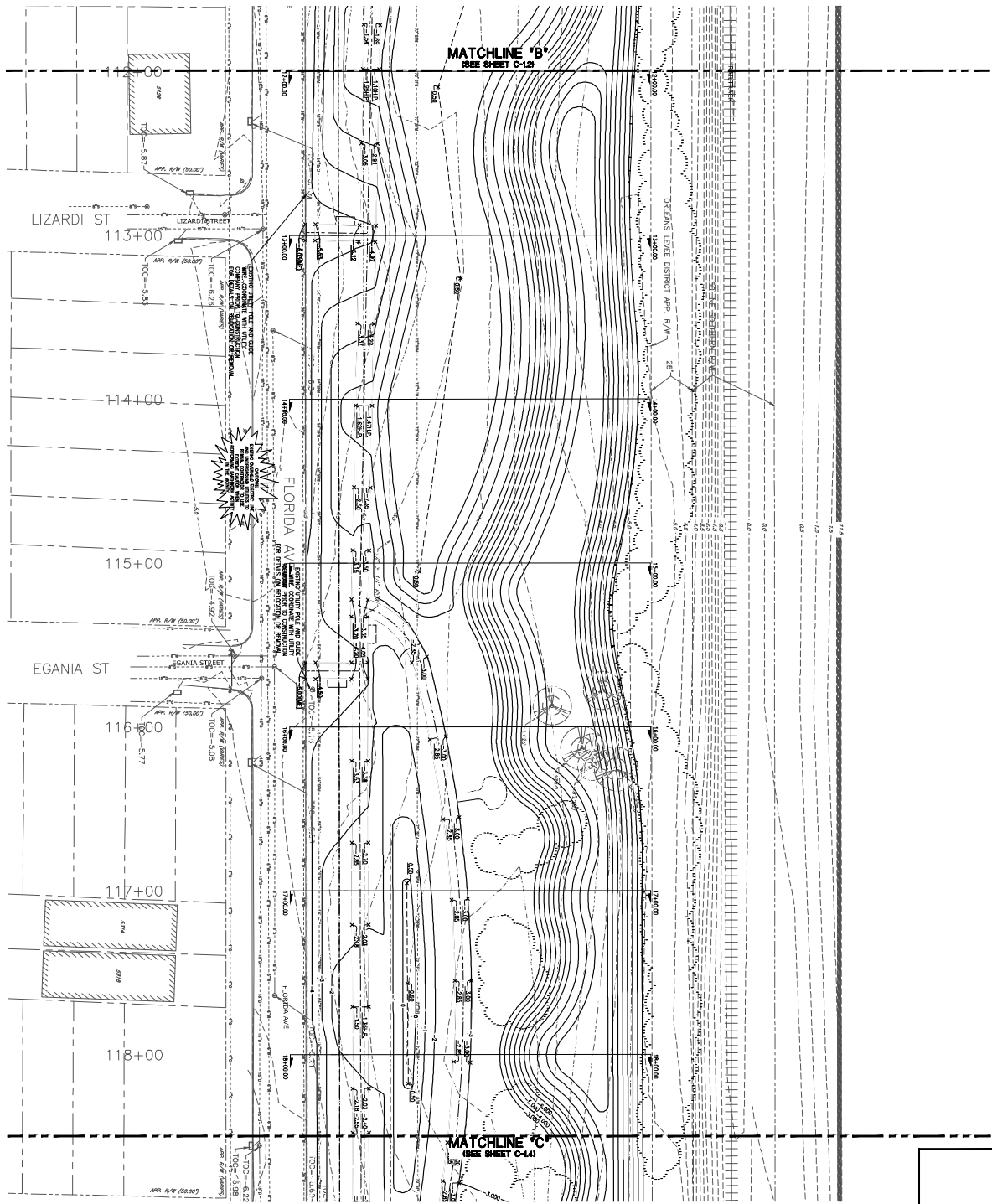
ASAKURA ROBINSON

SANKOFA NATURE TRAILS AND WETLAND PRESERVE

12-30-2021

SCOTT M. TABER
 PROJECT ARCHITECT

C-12
 GRADING PLAN



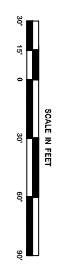
LEGEND - EXISTING

- C --- UNDERGROUND CABLE TV LINE
- D --- DOWN LINE
- E --- UNDERGROUND ELECTRIC LINE
- F --- UNDERGROUND FIBER OPTIC LINE
- G --- GAS MAIN
- H --- WATER MAIN
- I --- UNDERGROUND TELEPHONE LINE
- J --- OPEN DITCH
- K --- OPEN DRAIN
- L --- OPEN DRAIN
- M --- OPEN DRAIN
- N --- OPEN DRAIN
- O --- OPEN DRAIN
- P --- OPEN DRAIN
- Q --- OPEN DRAIN
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- S --- OPEN DRAIN
- T --- OPEN DRAIN
- U --- OPEN DRAIN
- V --- OPEN DRAIN
- W --- OPEN DRAIN
- X --- OPEN DRAIN
- Y --- OPEN DRAIN
- Z --- OPEN DRAIN

LEGEND - NEW IMPROVEMENTS

- 1 --- 1" CONC. CURB
- 2 --- 2" CONC. CURB
- 3 --- 3" CONC. CURB
- 4 --- 4" CONC. CURB
- 5 --- 5" CONC. CURB
- 6 --- 6" CONC. CURB
- 7 --- 7" CONC. CURB
- 8 --- 8" CONC. CURB
- 9 --- 9" CONC. CURB
- 10 --- 10" CONC. CURB
- 11 --- 11" CONC. CURB
- 12 --- 12" CONC. CURB
- 13 --- 13" CONC. CURB
- 14 --- 14" CONC. CURB
- 15 --- 15" CONC. CURB
- 16 --- 16" CONC. CURB
- 17 --- 17" CONC. CURB
- 18 --- 18" CONC. CURB
- 19 --- 19" CONC. CURB
- 20 --- 20" CONC. CURB
- 21 --- 21" CONC. CURB
- 22 --- 22" CONC. CURB
- 23 --- 23" CONC. CURB
- 24 --- 24" CONC. CURB
- 25 --- 25" CONC. CURB
- 26 --- 26" CONC. CURB
- 27 --- 27" CONC. CURB
- 28 --- 28" CONC. CURB
- 29 --- 29" CONC. CURB
- 30 --- 30" CONC. CURB
- 31 --- 31" CONC. CURB
- 32 --- 32" CONC. CURB
- 33 --- 33" CONC. CURB
- 34 --- 34" CONC. CURB
- 35 --- 35" CONC. CURB
- 36 --- 36" CONC. CURB
- 37 --- 37" CONC. CURB
- 38 --- 38" CONC. CURB
- 39 --- 39" CONC. CURB
- 40 --- 40" CONC. CURB
- 41 --- 41" CONC. CURB
- 42 --- 42" CONC. CURB
- 43 --- 43" CONC. CURB
- 44 --- 44" CONC. CURB
- 45 --- 45" CONC. CURB
- 46 --- 46" CONC. CURB
- 47 --- 47" CONC. CURB
- 48 --- 48" CONC. CURB
- 49 --- 49" CONC. CURB
- 50 --- 50" CONC. CURB
- 51 --- 51" CONC. CURB
- 52 --- 52" CONC. CURB
- 53 --- 53" CONC. CURB
- 54 --- 54" CONC. CURB
- 55 --- 55" CONC. CURB
- 56 --- 56" CONC. CURB
- 57 --- 57" CONC. CURB
- 58 --- 58" CONC. CURB
- 59 --- 59" CONC. CURB
- 60 --- 60" CONC. CURB
- 61 --- 61" CONC. CURB
- 62 --- 62" CONC. CURB
- 63 --- 63" CONC. CURB
- 64 --- 64" CONC. CURB
- 65 --- 65" CONC. CURB
- 66 --- 66" CONC. CURB
- 67 --- 67" CONC. CURB
- 68 --- 68" CONC. CURB
- 69 --- 69" CONC. CURB
- 70 --- 70" CONC. CURB
- 71 --- 71" CONC. CURB
- 72 --- 72" CONC. CURB
- 73 --- 73" CONC. CURB
- 74 --- 74" CONC. CURB
- 75 --- 75" CONC. CURB
- 76 --- 76" CONC. CURB
- 77 --- 77" CONC. CURB
- 78 --- 78" CONC. CURB
- 79 --- 79" CONC. CURB
- 80 --- 80" CONC. CURB
- 81 --- 81" CONC. CURB
- 82 --- 82" CONC. CURB
- 83 --- 83" CONC. CURB
- 84 --- 84" CONC. CURB
- 85 --- 85" CONC. CURB
- 86 --- 86" CONC. CURB
- 87 --- 87" CONC. CURB
- 88 --- 88" CONC. CURB
- 89 --- 89" CONC. CURB
- 90 --- 90" CONC. CURB
- 91 --- 91" CONC. CURB
- 92 --- 92" CONC. CURB
- 93 --- 93" CONC. CURB
- 94 --- 94" CONC. CURB
- 95 --- 95" CONC. CURB
- 96 --- 96" CONC. CURB
- 97 --- 97" CONC. CURB
- 98 --- 98" CONC. CURB
- 99 --- 99" CONC. CURB
- 100 --- 100" CONC. CURB

NOTE:
 REFER TO LANDSCAPE ARCHITECTS
 SECTION AND ALL FINISH PLANS
 AND DETAILS



C-13

GRADING PLAN

DATE: 12-30-2021

PROJECT: SANKOFA NATURE TRAILS AND WETLAND PRESERVE

SCALE: AS SHOWN

CONSULTANTS: ASAKURA ROBINSON

4141 Bienville St, Suite 101
 New Orleans, LA 70119
 Office: 504.434.6565
 www.ddgpc.com

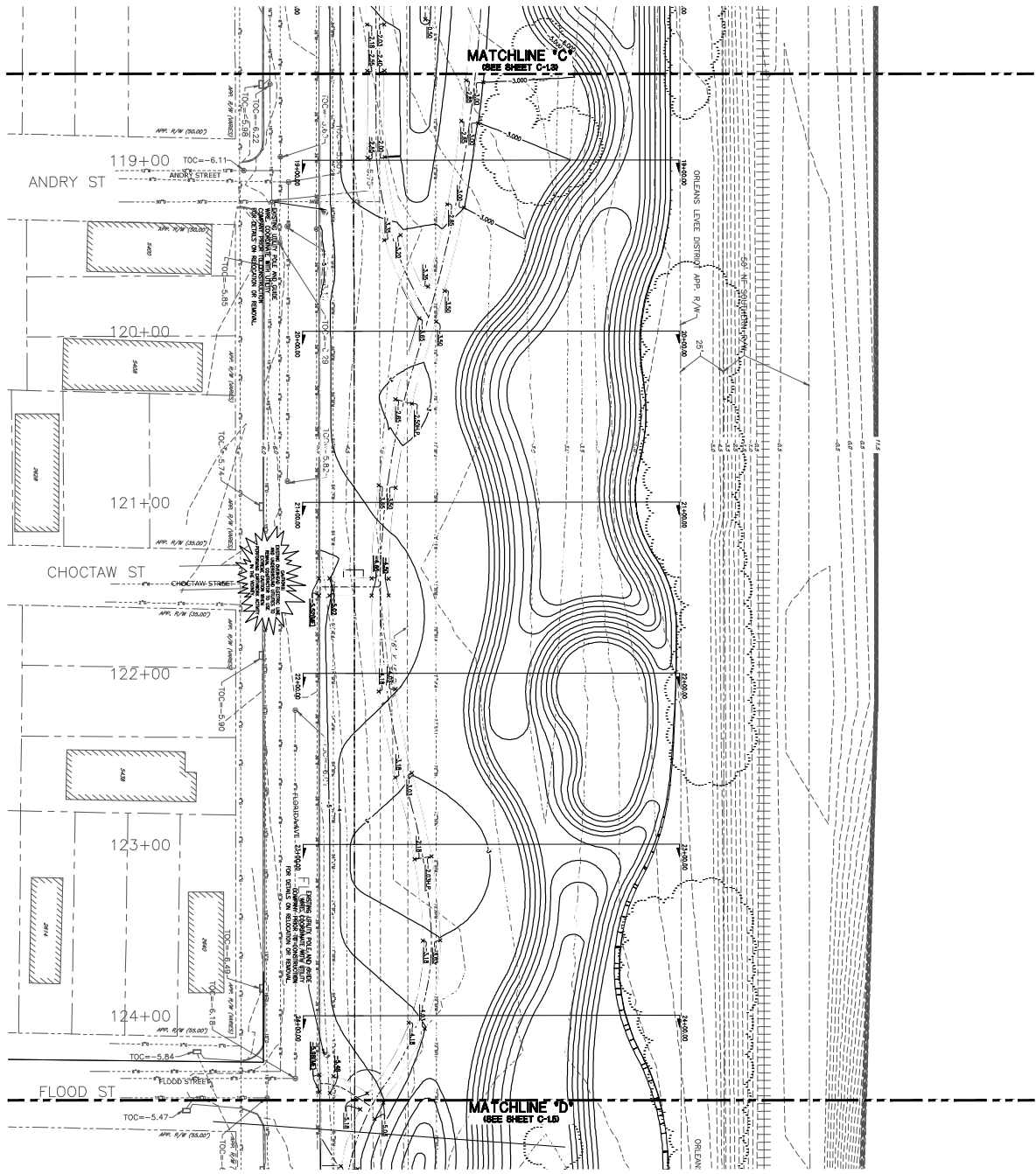
DDG
 DUPLANTIS DESIGN GROUP

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 New Orleans, LA 70119
 Office: 504.434.6565
 www.ddgpc.com

ASAKURA ROBINSON

SANKOFA NATURE TRAILS AND WETLAND PRESERVE

CONSULTANTS



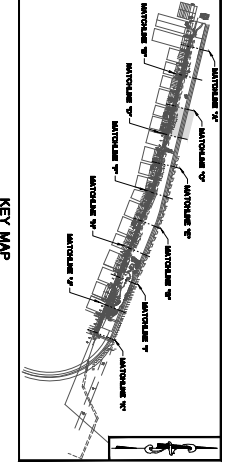
LEGEND - NEW IMPROVEMENTS

CONTour 1' = 1' -> (Symbol)
 SHED 1" = 120' -> (Symbol)
 SPOT ELEVATION (TOP OF FINISH) X 1200 LD
 SPOT ELEVATION (TOP OF EXISTING) X 1200 LD
 SPOT ELEVATION (WATER DRAINING) X 1200 LK
 SLOPE 1" = 1' -> (Symbol)

LEGEND - EXISTING

UNDERGROUND GATE 'N' LINE
 OPEN LINE
 UNDERGROUND ELECTRIC LINE
 UNDERGROUND FIBER OPTIC LINE
 GAS MAIN
 SANITARY MAIN
 UNDERGROUND TELEPHONE LINE
 WATER LINE
 ONE - (Symbol)
 NONDETECT CATCH BASIN
 GROUND INLET
 VERTICAL CURVE BASIN
 OPEN MANHOLE
 ELECTRIC MANHOLE
 SEWER MANHOLE
 WATER MANHOLE
 WATER METER
 WATER MATE
 GAS VALVE
 GAS REGULATOR
 TELEPHONE REGULATOR
 POWER POLE
 LIGHT POLE
 MAIL BOX
 FIRE HYDRANT
 SIGN

NOTE:
 REFERENCE LANDSCAPE ARCHITECTS
 SECTION AND LAYOUT PLANS
 AND DETAILS



C-14

GRADING PLAN

DATE:	12-30-2021
DESIGNED BY:	JK
CHECKED BY:	SR
APPROVED BY:	SR
TITLE:	GRADING PLAN

DRAWN BY:
 CHECKED BY:
 APPROVED BY:
 TITLED BY:

TOTAL SHEETS: 14
 SHEET NO.: 14

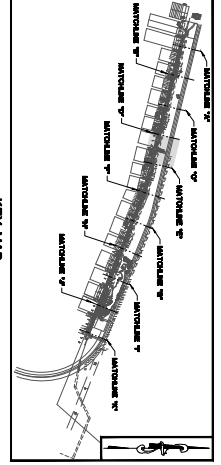
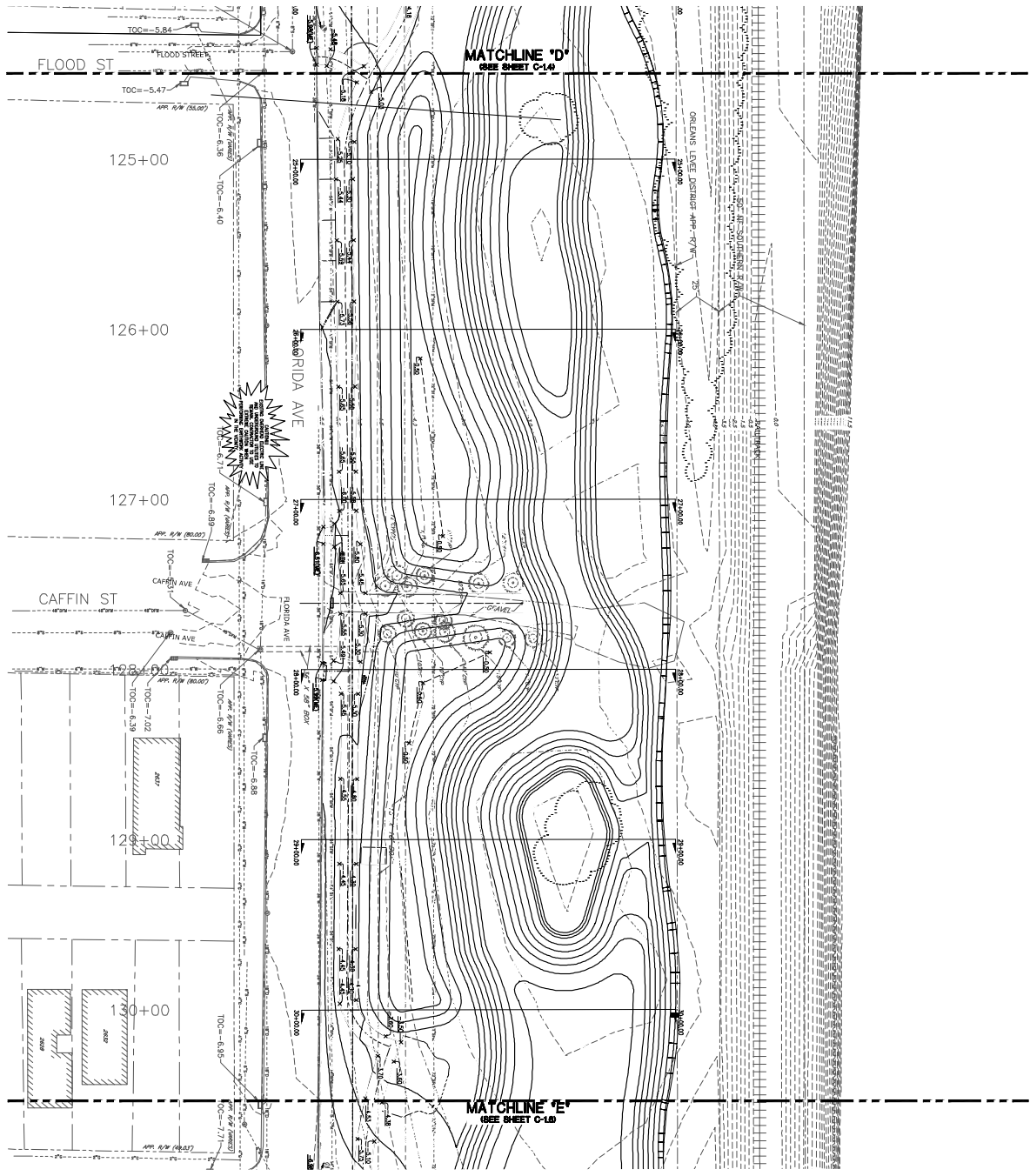
4141 Bienville St, Suite 101
 New Orleans, LA 70119
 Office: 504.434.6565
www.ddgpc.com

CONSULTANTS

ASAKURA ROBINSON

SANKOFA NATURE TRAILS AND WETLAND PRESERVE

SCOTT M. TAYLOR & ASSOCIATES, INC.



LEGEND - EXISTING

- C --- UNDERGROUND CABLE TV LINE
- D --- DOWN LINE
- E --- UNDERGROUND ELECTRIC LINE
- F --- UNDERGROUND FIBER OPTIC LINE
- G --- GAS MAIN
- H --- UNDERGROUND TELEPHONE LINE
- I --- WATER LINE
- J --- OPEN DITCH
- K --- OPEN DRAIN
- L --- OPEN MANHOLE
- M --- OPEN WARE
- N --- OPEN WATER
- O --- OPEN VALVE
- P --- OPEN FIRE
- Q --- OPEN FURNACE
- R --- OPEN TANK
- S --- OPEN POND
- T --- OPEN FILL
- U --- OPEN ROAD
- V --- OPEN FENCE
- W --- OPEN SIGN
- X --- OPEN SIGN
- Y --- OPEN SIGN
- Z --- OPEN SIGN

LEGEND - NEW IMPROVEMENTS

- A --- SLOPE
- B --- SLOPE
- C --- SLOPE
- D --- SLOPE
- E --- SLOPE
- F --- SLOPE
- G --- SLOPE
- H --- SLOPE
- I --- SLOPE
- J --- SLOPE
- K --- SLOPE
- L --- SLOPE
- M --- SLOPE
- N --- SLOPE
- O --- SLOPE
- P --- SLOPE
- Q --- SLOPE
- R --- SLOPE
- S --- SLOPE
- T --- SLOPE
- U --- SLOPE
- V --- SLOPE
- W --- SLOPE
- X --- SLOPE
- Y --- SLOPE
- Z --- SLOPE

NOTE:
 REFER TO LANDSCAPE ARCHITECTS
 REFERENCE SECTION AND ALL FINISH PLANS
 AND DETAILS



SCALE IN FEET

0 15 30 45 60 75 90

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CONSULTANTS

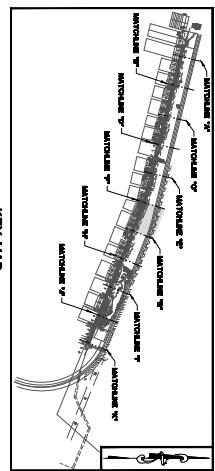
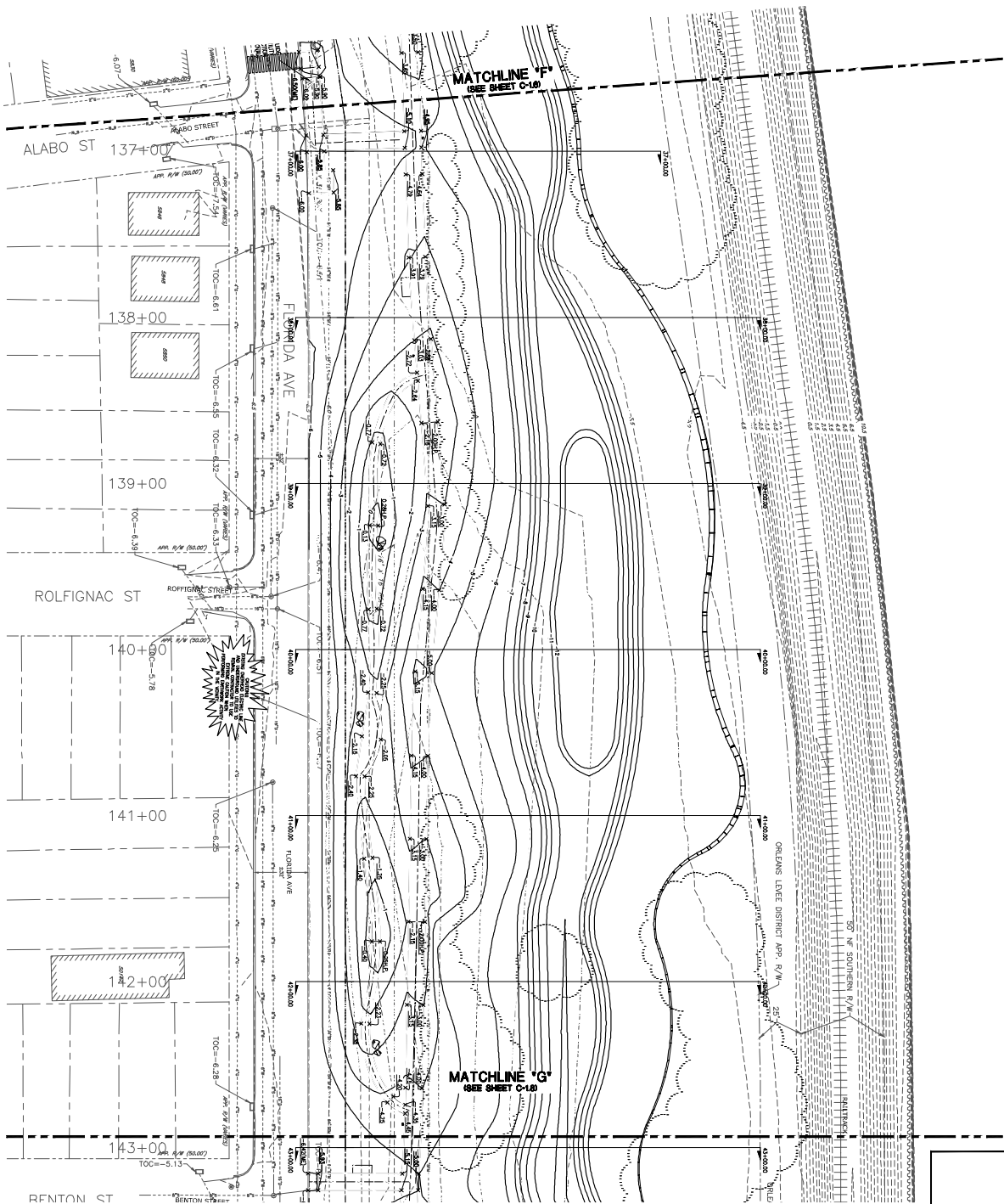
ASAKURA ROBINSON
 1015 Poydras Street, Suite 2700
 New Orleans, LA 70112
 Phone: 504.581.1000

SANKOFA NATURE TRAILS AND WETLAND PRESERVE

SCOTT M. TAYLOR
 CIVIL ENGINEER
 12-30-2021

GRADING PLAN

C-15



KEY MAP

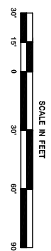
LEGEND - EXISTING

- C --- UNDERGROUND CABLE TV LINE
- D --- DOWN LINE
- E --- UNDERGROUND ELECTRIC LINE
- F --- UNDERGROUND FIBER OPTIC LINE
- G --- GAS MAIN
- H --- SANITARY MAIN
- S --- SEWER MAIN
- T --- UNDERGROUND TELEPHONE LINE
- W --- WATER LINE
- W --- OVERHEAD ELECTRIC LINE
- W --- OPEN DITCH
- W --- NONPERFORATED DRAIN
- W --- PERFORATED DRAIN
- W --- VERTICAL CURB DRAIN
- W --- OPEN MANHOLE
- W --- ELECTRIC MANHOLE
- W --- SANITARY MANHOLE
- W --- WATER MANHOLE
- W --- WATER METER
- W --- GAS VALVE
- W --- GAS METER
- W --- CISTERN
- W --- TELEPHONE CISTERN
- W --- POWER POLE
- W --- POWER PILE
- W --- LIGHT POLE
- W --- MAIL BOX
- W --- FIRE HYDRANT
- W --- SIGN

LEGEND - NEW IMPROVEMENTS

- C --- CONTOUR
- S --- SLOPE
- E --- SHORT ELEVATION (TOP OF FINISHED)
- E --- SHORT ELEVATION (TOP OF CONCRETE)
- E --- SHORT ELEVATION (AHEAD EXISTING)
- E --- SLOPE

NOTE:
REFER TO LANDSCAPE ARCHITECTS
SECTION AND ALL PLANNING PLANS
AND DETAILS



ASAKURA ROBINSON

SANKOFA NATURE TRAILS AND WETLAND PRESERVE

CONSULTANTS

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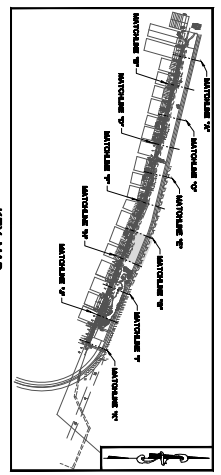
STATE OF LOUISIANA
PLANNING AND CONSTRUCTION DIVISION

12-30-2021

SCOTT M. TABERY
REGISTERED PROFESSIONAL ENGINEER
No. 12874

DATE: 12/20/2021
DRAWN BY: JH
CHECKED BY: SHF
APPROVED BY: TBS
PROJECT: SANKOFA NATURE TRAILS AND WETLAND PRESERVE
DRAWING: GRADING PLAN

C-17



LEGEND - EXISTING

- C --- UNDERGROUND CABLE TV LINE
- D --- DOWN LINE
- E --- UNDERGROUND ELECTRIC LINE
- F --- UNDERGROUND FIBER OPTIC LINE
- G --- GAS MAIN
- H --- SEWER MAIN
- I --- UNDERGROUND TELEPHONE LINE
- J --- WATER LINE
- K --- OTHER EXISTING LINE

LEGEND - NEW IMPROVEMENTS

- ▭ NONDETECT CATCH BASIN
- ▭ GROUND INLET
- ▭ VERTICAL CURVE BASIN
- ▭ OPEN MANHOLE
- ▭ ELECTRIC MANHOLE
- ▭ SEWER MANHOLE
- ▭ WATER MANHOLE
- ▭ WATER METER
- ▭ GAS VALVE
- ▭ OTHER STRUCTURE
- ▭ TELEPHONE EQUIPMENT
- ▭ POWER POLE
- ▭ LIGHT POLE
- ▭ MAIL BOX
- ▭ PRE-INSTALLED SIGN

NOTE:
 REFER TO LANDSCAPE ARCHITECTS REFERENCE SECTION AND ALL FINISH PLANS AND DETAILS



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SANKOFA NATURE TRAILS AND WETLAND PRESERVE

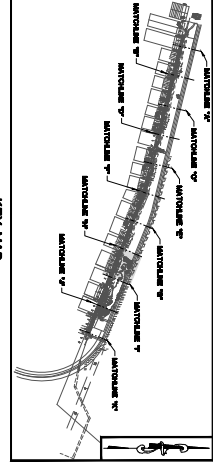
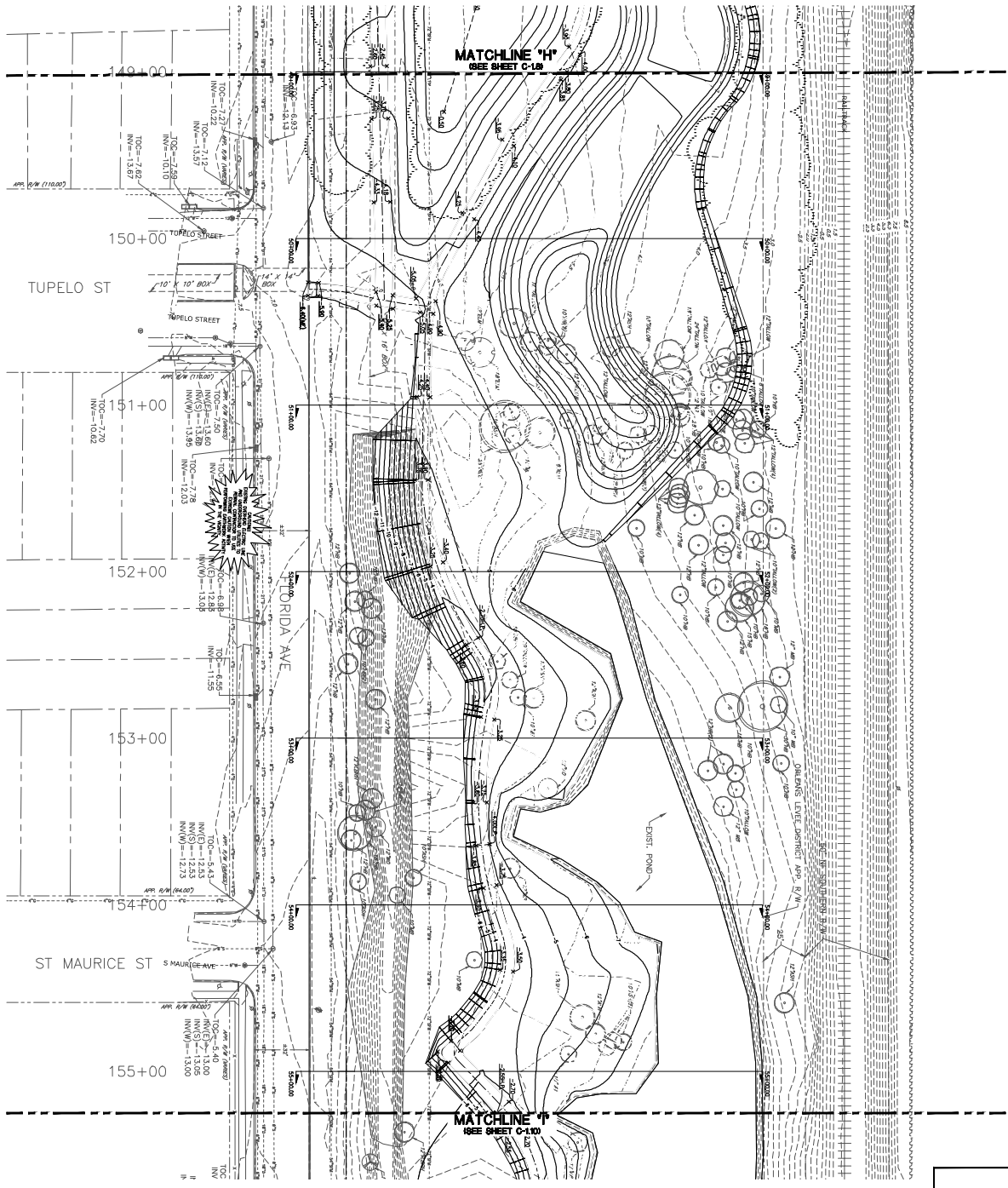
DDG
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 New Orleans, LA 70119
 Office: 504.434.6565
 www.ddgpc.com

CONSULTANTS

DATE: 12-30-2021
 DRAWN BY: JH
 CHECKED BY: SHF
 APPROVED BY: TSCHECHNER
 DATE: 12-30-2021
 PROJECT NAME: SANKOFA NATURE TRAILS AND WETLAND PRESERVE
 SHEET TITLE: GRADING PLAN

C-18



LEGEND - EXISTING

- C --- UNDERGROUND CABLE TV LINE
- D --- DOWN LINE
- E --- UNDERGROUND ELECTRIC LINE
- F --- UNDERGROUND FIBER OPTIC LINE
- G --- GAS MAIN
- H --- SEWER MAIN
- I --- UNDERGROUND TELEPHONE LINE
- J --- WATER LINE
- K --- OTHER EXISTING LINE

LEGEND - NEW IMPROVEMENTS

- ▭ MONUMENT CORNER BRUSH
- ▭ GROUND NAIL
- ▭ VERTICAL CURB BRUSH
- ▭ OPEN MANHOLE
- ▭ ELECTRIC MANHOLE
- ▭ SEWER MANHOLE
- ▭ WATER MANHOLE
- ▭ WATER METER
- ▭ WATER VALVE
- ▭ GAS VALVE
- ▭ OTHER PRECAST
- ▭ TELEPHONE EQUIPMENT
- ▭ POWER POLE
- ▭ LIGHT POLE
- ▭ MAIL BOX
- ▭ FIRE HYDRANT
- ▭ SIGN



C-19

GRADING PLAN

DATE: 12-30-2021
 DRAWN BY: JH
 CHECKED BY: SHF
 APPROVED BY: [Signature]
 PROJECT: SANKOFA NATURE TRAILS AND WETLAND PRESERVE

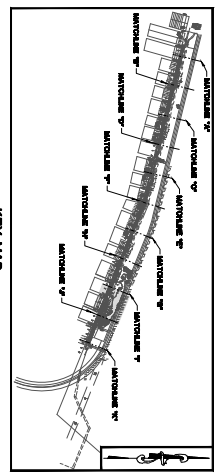
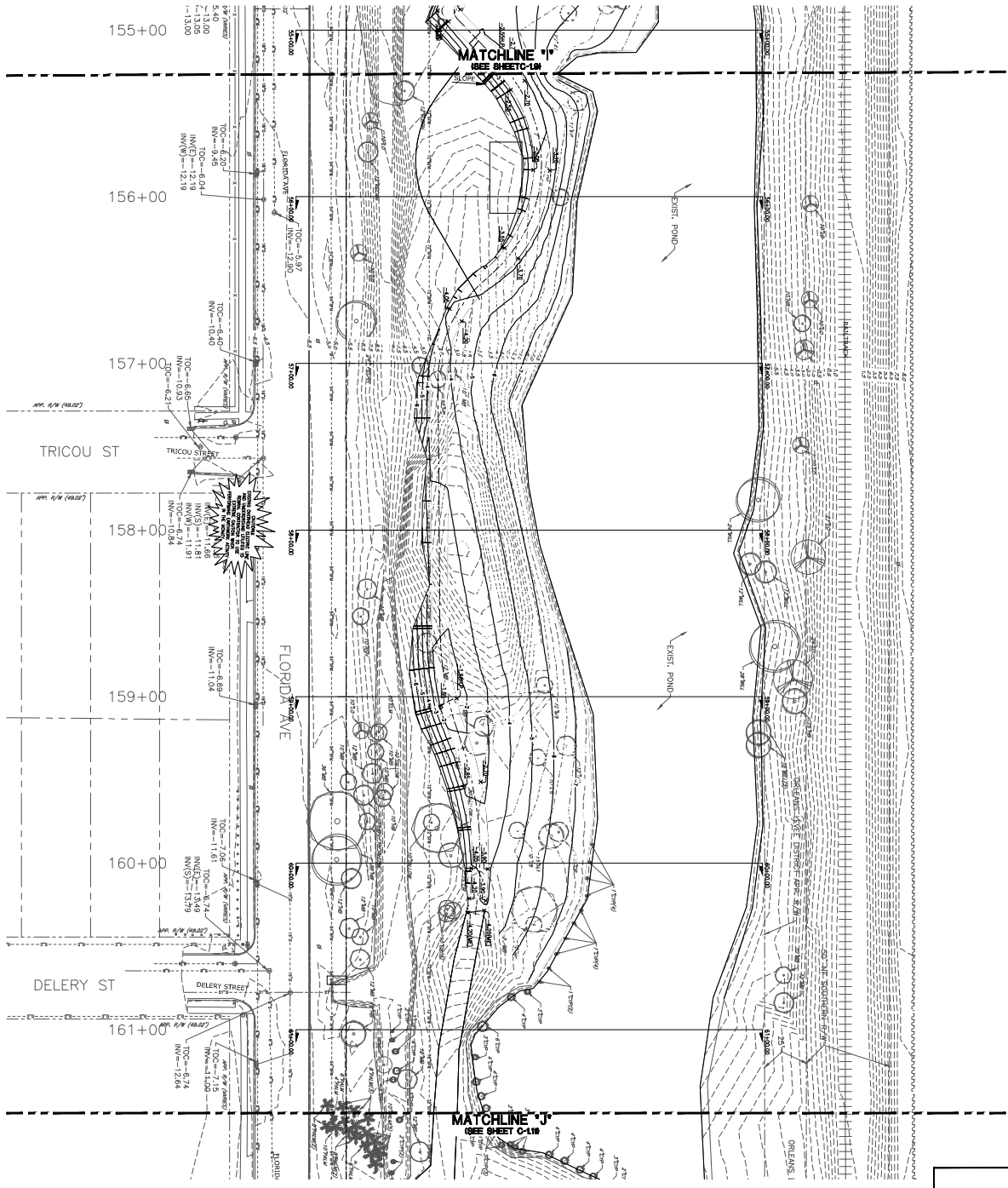


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SANKOFA NATURE TRAILS AND WETLAND PRESERVE





LEGEND - EXISTING

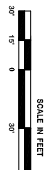
- C --- UNDERGROUND CABLE TV LINE
- D --- DOWN LINE
- E --- UNDERGROUND ELECTRIC LINE
- F --- UNDERGROUND FIBER OPTIC LINE
- G --- GAS MAIN
- H --- SEWER MAIN
- I --- UNDERGROUND TELEPHONE LINE
- J --- WATER LINE
- K --- OTHER EXISTING LINE

- L --- NONPAVED DRIVE BRUSH
- M --- DRIVE ALLEY
- N --- VERTICAL CURVE BRUSH
- O --- OPEN MANHOLE
- P --- ELECTRIC MANHOLE
- Q --- SEWER MANHOLE
- R --- WATER MANHOLE
- S --- WATER METER
- T --- WATER VALVE
- U --- GAS VALVE
- V --- OTHER PIPELINE
- W --- TELEPHONE EQUIPMENT
- X --- POWER POLE
- Y --- LIGHT POLE
- Z --- MAIL BOX
- AA --- FIRE HYDRANT
- AB --- SIGN

LEGEND - NEW IMPROVEMENTS

- CD --- CONDUIT
- S --- SLOPE
- X 2.00 --- SLOPE ELEVATION (TOP OF FINISHED)
- X 2.00 LC --- SLOPE ELEVATION (TOP OF CURB)
- X 2.00 LC --- SLOPE ELEVATION (WATER EXPOSED)

NOTE:
 REFER TO LANDSCAPE ARCHITECTS
 REFERENCE SECTION AND ALL FINISH PLANS
 AND DETAILS



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SANKOFA NATURE TRAILS AND WETLAND PRESERVE

DDG DUPLANTIS DESIGN GROUP
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 New Orleans, LA 70119
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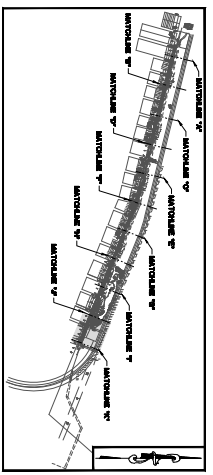
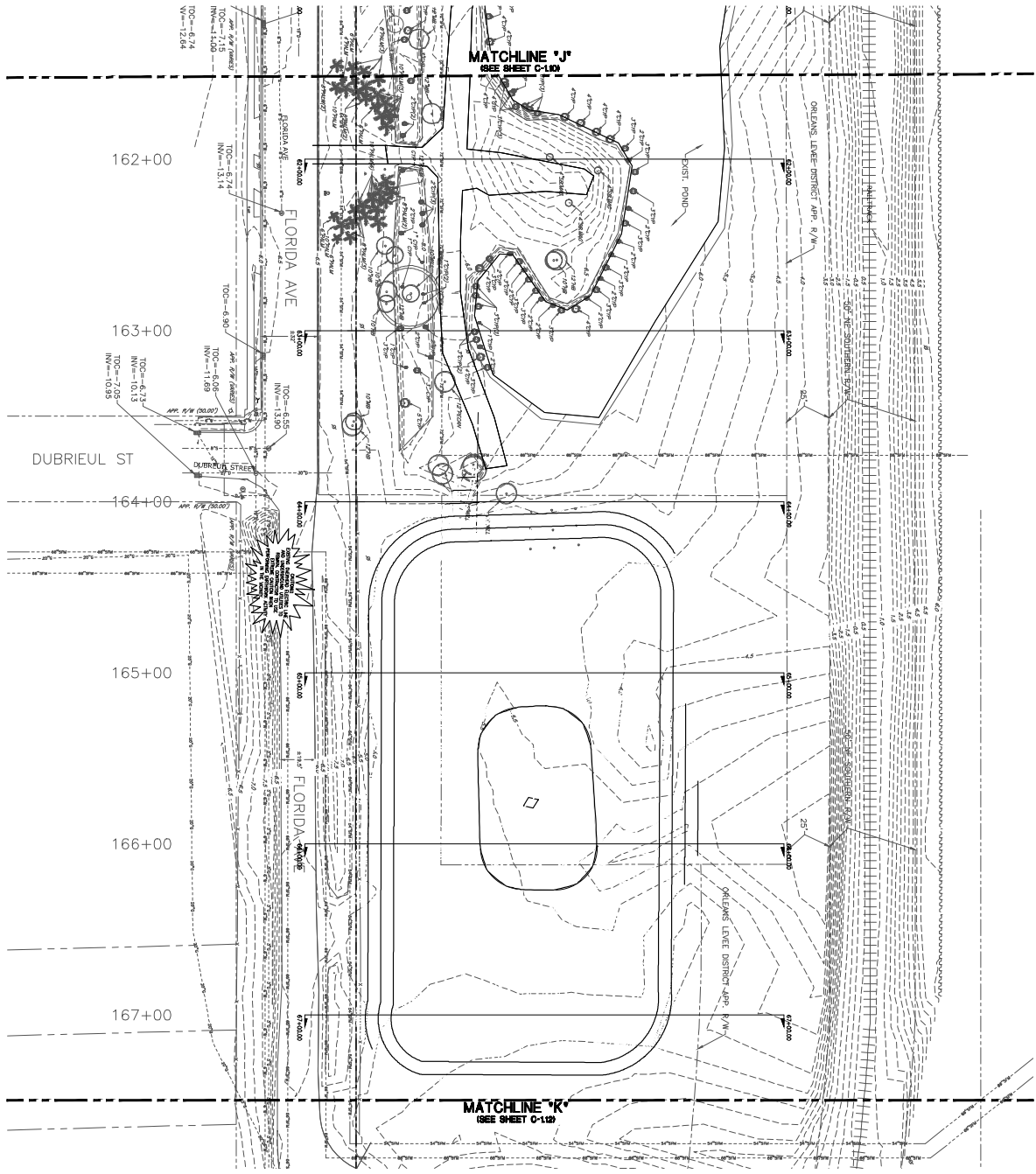
DESIGNED BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
PROJECT NO.	DATE
PROJECT NAME	DATE
PROJECT LOCATION	DATE
PROJECT STATUS	DATE

12-30-2021

SCOTT M. TABARE
 REGISTERED PROFESSIONAL ENGINEER
 No. 12345

GRADING PLAN

C-110



LEGEND - EXISTING

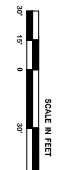
- C --- UNDERGROUND CABLE TV LINE
- D --- DOWN LINE
- E --- UNDERGROUND ELECTRIC LINE
- F --- UNDERGROUND FIBER OPTIC LINE
- G --- GAS MAIN
- H --- SEWER MAIN
- I --- UNDERGROUND TELEPHONE LINE
- J --- WATER LINE
- K --- OTHER EXISTING LINE

- L --- NONDETECT CATCH BASIN
- M --- GROSS INLET
- N --- VERTICAL CURVE BASIN
- O --- OPEN MANHOLE
- P --- ELECTRIC MANHOLE
- Q --- SEWER MANHOLE
- R --- WATER MANHOLE
- S --- WATER METER
- T --- GAS VALVE
- U --- CHECK FRESHLINE
- V --- TELEPHONE EXCHANGE
- W --- POWER POLE
- X --- LIGHT POLE
- Y --- MAIL BOX
- Z --- FIRE HYDRANT
- AA --- SIGN

LEGEND - NEW IMPROVEMENTS

- A --- SLOPE
- B --- SPOT ELEVATION (TOP OF FINISHED)
- C --- SPOT ELEVATION (TOP OF CONCRETE)
- D --- SPOT ELEVATION (WATER EXPOSURE)
- E --- SLOPE

NOTE:
 REFER TO LANDSCAPE ARCHITECTS
 REFERENCE DRAWINGS FOR
 SECTION AND ALL PLANTING PLANS
 AND DETAILS



SCALE IN FEET

0 15 30 45 60 75 90

C-111

GRADING PLAN

DATE: 12-30-2021

DESIGNED BY: SCOTT M. TAYLOR

CHECKED BY: [Signature]

PROJECT NAME: SANKOFA NATURE TRAILS AND WETLAND PRESERVE

SCOTT M. TAYLOR
 PROFESSIONAL ENGINEER
 STATE OF LOUISIANA
 LICENSE NO. 12345

DDG
 DUPLANTIS DESIGN GROUP

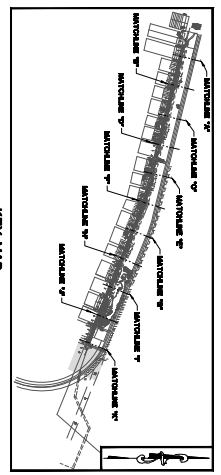
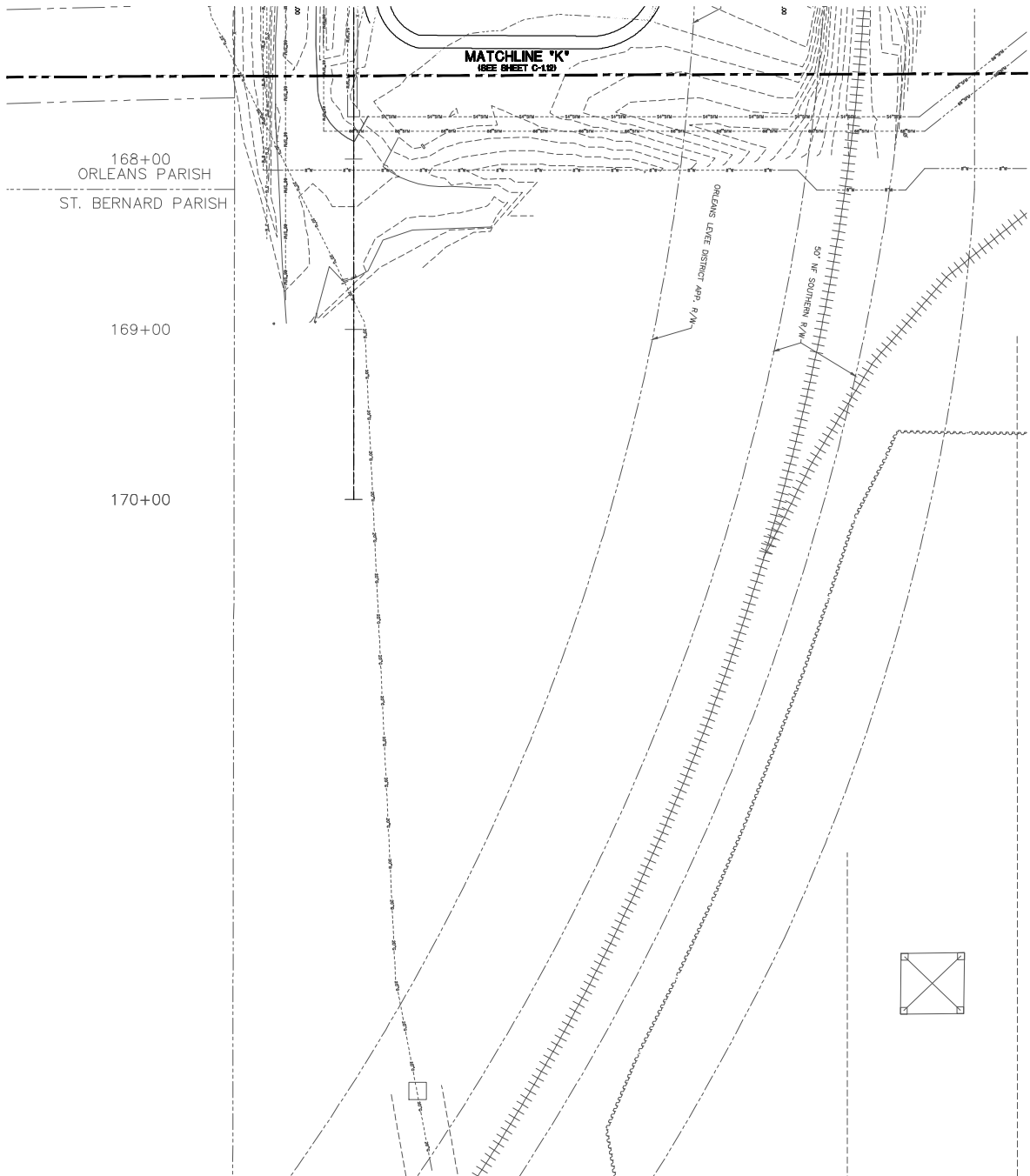
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CONSULTANTS

ASAKURA ROBINSON

100 Poydras Street, Suite 2000
 New Orleans, Louisiana 70112

SANKOFA NATURE TRAILS AND WETLAND PRESERVE



LEGEND - EXISTING

- C --- UNDERGROUND CABLE TV LINE
- D --- UNDERGROUND DRAIN LINE
- E --- UNDERGROUND ELECTRIC LINE
- F --- UNDERGROUND FIBER OPTIC LINE
- G --- UNDERGROUND TELEPHONE LINE
- H --- OPEN DITCH
- I --- OPEN DRAIN
- J --- OPEN DRAIN
- K --- OPEN DRAIN
- L --- OPEN DRAIN
- M --- OPEN DRAIN
- N --- OPEN DRAIN
- O --- OPEN DRAIN
- P --- OPEN DRAIN
- Q --- OPEN DRAIN
- R --- OPEN DRAIN
- S --- OPEN DRAIN
- T --- OPEN DRAIN
- U --- OPEN DRAIN
- V --- OPEN DRAIN
- W --- OPEN DRAIN
- X --- OPEN DRAIN
- Y --- OPEN DRAIN
- Z --- OPEN DRAIN

LEGEND - NEW IMPROVEMENTS

- A --- OPEN DRAIN
- B --- OPEN DRAIN
- C --- OPEN DRAIN
- D --- OPEN DRAIN
- E --- OPEN DRAIN
- F --- OPEN DRAIN
- G --- OPEN DRAIN
- H --- OPEN DRAIN
- I --- OPEN DRAIN
- J --- OPEN DRAIN
- K --- OPEN DRAIN
- L --- OPEN DRAIN
- M --- OPEN DRAIN
- N --- OPEN DRAIN
- O --- OPEN DRAIN
- P --- OPEN DRAIN
- Q --- OPEN DRAIN
- R --- OPEN DRAIN
- S --- OPEN DRAIN
- T --- OPEN DRAIN
- U --- OPEN DRAIN
- V --- OPEN DRAIN
- W --- OPEN DRAIN
- X --- OPEN DRAIN
- Y --- OPEN DRAIN
- Z --- OPEN DRAIN

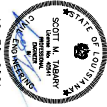
NOTE:
 REFER TO LANDSCAPE ARCHITECTS
 SECTION AND ALL PLANTING PLANS
 AND DETAILS



C-112

GRADING PLAN

DATE: 12-30-2021
 DRAWN BY: JH
 CHECKED BY: SHF
 APPROVED BY: TSCHECHN
 PROJECT NO.: 2206
 CLIENT: SANKOFA NATURE TRAILS AND WETLAND PRESERVE



DATE: 12-30-2021



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 www.ddgpc.com

CONSULTANTS

SANKOFA NATURE TRAILS AND WETLAND PRESERVE



APPENDIX G

APPENDIX H

(See separate excel spreadsheet for full calculations.)

GENERAL INFORMATION

Site Location	Sankofa Wetland Park	Developer Contact:	
Name of Developer	Sankofa CDC	Engineer Contact:	stlabary@ddgpc.com
Name of Engineer	Duplantis Design Group (Scott Tabary, PE)		

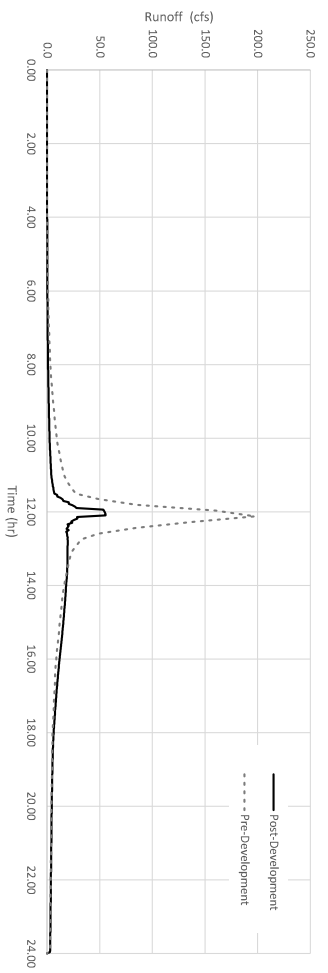
SUMMARY - STORAGE VOLUME

	Drainage Area 1	Drainage Area 2	Drainage Area 3	Drainage Area 4	Total
Total Area (acres)	7.880	28.34			36.22
Required Storage Volume (cf)	7788	43987			51775
Provided Storage Volume (cf)	0	1057265			1057265
Bypass Volume (cf)	7788	0			7788
Storage Requirement Met	YES	YES			YES
Bypass Volume <=10%	NO	NO			NO

SUMMARY - RUNOFF

Storm for Analysis: Rainfall Depth (in)

	Pre-Development	Post-Development	Requirement Met
Total Site (acres)	36.22	36.22	YES
Peak Runoff Rate (cfs)	197.57	55.40	YES
Total Runoff (MG)	6.726	3.720	-



SUMMARY - WATER QUALITY

Average Annual Rainfall Total (in)

New Development or Substantial Improvement?

Average Annual Loadings

Units	Pre-Development	Post-Development w/GI	Post-Development w/GI	Annual Reduction via GI	Reduction %
TSS lbs	3314	2632	658	1974	75%
BOD lbs	272.9	272.9	161.3	111.6	41%
TP lbs	16.24	106.32	61.02	45.30	43%
TN lbs	43.54	453.98	220.11	233.87	52%
Pb lbs	0.65	1.57	0.34	1.24	78%
Zn lbs	1.95	13.29	6.15	7.14	54%
E Coli Billion Colonies	2014.3	5081.7	419.9	4661.8	92%

TSS Reduction Target Met

Drainage Area 1

Drainage Area Used:

SITE INPUT

Post-Development

Land Cover/Land Use	Hydrologic Soil Group	% Impervious	CN	Area (sf)	CN*Area	% Area	Impervious Area Disconnected?
Open Space: grass cover > 75%	D	3%	80	808,473	1484.8	100.0%	No
Total (Acres)			18.56	Any disconnected impervious area?			No
% Impervious			3.0%	Impervious area 30% or less?			Yes
Weighted CN (standard)			80	Use adjusted CN value			No
Weighted CN (adjusted)				CN pervious			80
CN for Use			80	Ratio of unconnected			0%

Precipitation for storage volume requirement (in)	1.25
S, max natural retention	2.5
Q, runoff (in)	0.17

TIME OF CONCENTRATION

Time needed for water to flow from the most remote point to the outlet

Pre-Development

	Length (ft)	Slope (ft/ft)	Surface Cover	Manning's n	Travel Time (hr)
Sheet Flow	219	0.00025	Range (natural)	0.13	1.169
Sheet Flow					
Shallow Flow				-	
Shallow Flow				-	

	Length (ft)	Slope (ft/ft)	n-value	Flow Area (sf)	Wetted Perimeter (ft)	Travel Time (hr)
Channel/Pipe Flow						
Channel/Pipe Flow						

Pre-Development Tc (hr)	1.169
Pre-Development Tc (min)	70.124

Drainage Area 2

Drainage Area Used: Yes

Pre-Development

Land Cover/Land Use	Hydrologic Soil Group	% Impervious	CN	Area (sf)	CN*Area	% Area	Impervious Area Disconnected?
Open Space: grass cover > 75%	D	3%	80	654,706	1202.4	85%	Yes
Green Infrastructure (all types)	D	0%	98	114,562	257.7	15%	No
Total (Acres)			17.66	Any disconnected impervious area?		Yes	
% Impervious			3%	Impervious area 30% or less?		Yes	
Weighted CN (standard)			83	Use adjusted CN value		Yes	
Weighted CN (adjusted)			83	CN pervious		83	
CN for Use			83	Ratio of unconnected		100%	

Precipitation for storage volume requirement (in)	1.25
S, max natural retention	2.1
Q, runoff (in)	0.24

Pre-Development

	Length (ft)	Slope (ft/ft)	Surface Cover	Manning's n	Travel Time (hr)
Sheet Flow	300	0.0083	Grass: Short grass, prairie	0.15	0.42
Sheet Flow					
Shallow Flow	2621	0.001	Unpaved	-	1.43
Shallow Flow				-	

	Length (ft)	Slope (ft/ft)	n-value	Flow Area (sf)	Wetted Perimeter (ft)	Travel Time (hr)
Channel/Pipe Flow						
Channel/Pipe Flow						

Pre-Development Tc (hr)	1.84
Pre-Development Tc (min)	110.5

Drainage Area 1

Drainage Area Used:

SITE INPUT

Land Cover/Land Use	Hydrologic Soil Group	% Impervious	CN	Area (sf)	CN*Area	% Area	Impervious Area Disconnected?
Landscaping	D	3%	84	343,252	661.92	100%	No
Total Area (Acres)			7.880	Any disconnected impervious area?		No	
% Impervious			3.0%	Impervious area 30% or less?		Yes	
Weighted CN (standard)			84	Use adjusted CN value		No	
Weighted CN (adjusted)				CN pervious		84	
CN for Use			84	Ratio of unconnected		0%	

Precipitation for storage volume requirement (in)	1.25	GI in Site Input (sf)	0
S, max natural retention	1.9	GI Individual Input (sf)	0
Q, runoff (in)	0.27	Match	YES
Require Storage Volume (cf)	7788		

TIME OF CONCENTRATION

	Length (ft)	Slope (ft/ft)	Surface Cover	Manning's n	Travel Time (hr)
Sheet Flow	80	0.01	Grass: Bermuda grass	0.41	0.30
Sheet Flow					
Shallow Flow				-	
Shallow Flow				-	

	Length (ft)	Slope (ft/ft)	n-value	Flow Area (sf)	Wetted Perimeter (ft)	Travel Time (hr)
Channel/Pipe Flow						
Channel/Pipe Flow						

Post-Development Tc (hr)	0.30
Post-Development Tc (min)	18.0

GREEN INFRASTRUCTURE INPUT

Pervious Pavement	PP1A	PP1B	PP1C	PP1D
Area (sf)				
Contributing Drainage Area (sf)				
Pavement Depth (in)	4	4	4	4
Pavement Void Space	0.2	0.2	0.2	0.2
Aggregate Layer Depth (in)	24	24	24	24
Aggregate Layer Void Space	0.35	0.35	0.35	0.35
Storage Volume (cf)				
Total PP Storage Volume (cf)	0			

Bioretention/Bioswale/Planter	Bio1A	Bio1B	Bio1C	Bio1D
Length (ft)				
Width (ft)				
Side Slope Ratio (X:1)	12			
Area (sf)	0			
Contributing Drainage Area (sf)	343252			
Ponding Depth (in)	0	3	3	3
Bioretention Soil Depth (in)	18	8	8	8
Bioretention Soil Void Space	0.3	0.3	0.3	0.3
Bridging Stone Layer Depth (in)	0	3	3	3
Bridging Stone Void Space	0.35	0.35	0.35	0.35
Aggregate Layer Depth (in)	0	18	18	18
Aggregate Layer Void Space	0.3	0.3	0.3	0.3
Subsurface Storage Volume (cf)	0			
Surface Storage Volume (cf)				
Total Storage Volume (cf)				

Total Bioretention Storage Volume (cf) 0.0

Infiltration Trench	IT1A	IT1B	IT1C	IT1D
Length (ft)				
Width (ft)	5			
Area(sf)	0	0	0	0
Side Slope Ratio (X:1)				
Contributing Drainage Area (sf)				
Ponding Depth (in)	0	0	0	0
Aggregate Layer Depth (in)	24	24	24	24
Aggregate Layer Void Space	0.3	0.3	0.3	0.3
Subsurface Storage Volume (cf)	0	0	0	0
Surface Storage Volume (cf)	0	0	0	0
Total Storage Volume (cf)	0	0	0	0

Total Trench Storage Volume (cf) 0

Tree Cell	TC1A	TC1B	TC1C	TC1D
Length (ft)				
Width (ft)				
Area(sf)	0	0	0	0
Contributing Drainage Area (sf)				
Depth of Amended Soil (in)				
Depth of Open Space (if any) (in)				
Amended Soil Void Space	0.35	0.35	0.35	0.35
Subsurface Storage (cf)	0	0	0	0

Total Tree Cell Storage Volume (cf) 0.0

Basin Used?	No
Detention or Retention?	Retention
Contributing Drainage Area (sf)	

Stage (ft)	Surface Area (sf)	Volume (cf)
		0

Orifice Information		
Centerline Depth (ft)	Area (sf)	Coefficient of Discharge

Total Basin Storage Volume (cf) 0
Total Surface Area (sf) 0

Total Provided Storage Non-Detention (cf) 0

Total Contributing Area to GI (sf) 343,252

Total Provided Storage with Detention (cf)

Total Drainage Area(sf)

SubArea Requirement Met

Contributing Area Equal or Less than Drainage Area

Drainage Area 2

Drainage Area Used:

SITE INPUT

Land Cover/Land Use	Hydrologic Soil Group	% Impervious	CN	Area (sf)	CN*Area	% Area	Impervious Area Disconnected?
Landscaping	D	3%	84	838,965	1617.84	68%	No
Green Infrastructure (all types)	D	0%	98	395,524	889.84	32%	No
Total Area (Acres)			28.34	Any disconnected impervious area?			No
% Impervious			2%	Impervious area 30% or less?			Yes
Weighted CN (standard)			88	Use adjusted CN value			No
Weighted CN (adjusted)				CN pervious			89
CN for Use			88	Ratio of unconnected			0%

Precipitation for storage volume requirement (in)	1.25	GI in Site Input (sf)	395524
S, max natural retention	1.3	GI Individual Input (sf)	395524
Q, runoff (in)	0.43	Match	YES
Require Storage Volume (cf)	43987		

TIME OF CONCENTRATION

	Length (ft)	Slope (ft/ft)	Surface Cover	Manning's n	Travel Time (hr)
Sheet Flow	300	0.01	Grass: Bermuda grass	0.41	0.86
Sheet Flow					
Shallow Flow	300	0.01	Unpaved	-	0.05
Shallow Flow					

	Length (ft)	Slope (ft/ft)	n-value	Flow Area (sf)	Wetted Perimeter (ft)	Travel Time (hr)
Channel/Pipe Flow						
Channel/Pipe Flow						

Post-Development Tc (hr)	0.91
Post-Development Tc (min)	54.8

GREEN INFRASTRUCTURE INPUT

Pervious Pavement	PP2A	PP2B	PP2C	PP2D
Area (sf)				
Contributing Drainage Area (sf)				
Pavement Depth (in)	8	8	8	8
Pavement Void Space	0.2	0.2	0.2	0.2
Aggregate Layer Depth (in)	18	18	18	18
Aggregate Layer Void Space	0.35	0.35	0.35	0.35
Storage Volume (cf)				

Total PP Storage Volume (cf)

Bioretention/Bioswale/Planter	Bio2A	Bio2B	Bio2C	Bio2D
Length (ft)				

Width (ft)				
Side Slope Ratio (X:1)				
Area (sf)	0			
Contributing Drainage Area (sf)				
Ponding Depth (in)	3	3	3	3
Bioretention Soil Depth (in)	8	8	8	8
Bioretention Soil Void Space	0.3	0.3	0.3	0.3
Bridging Stone Layer Depth (in)	3	3	3	3
Bridging Stone Void Space	0.35	0.35	0.35	0.35
Aggregate Layer Depth (in)	18	18	18	18
Aggregate Layer Void Space	0.3	0.3	0.3	0.3
Subsurface Storage Volume (cf)	0			
Surface Storage Volume (cf)				
Total Storage Volume (cf)				

Total Bioretention Storage Volume (cf) 0.0

Infiltration Trench	IT2A	IT2B	IT2C	IT2D
Length (ft)				
Width (ft)				
Area(sf)	0	0	0	0
Side Slope Ratio (X:1)				
Contributing Drainage Area (sf)				
Ponding Depth (in)	3	3	3	3
Aggregate Layer Depth (in)	24	24	24	24
Aggregate Layer Void Space	0.3	0.3	0.3	0.3
Subsurface Storage Volume (cf)	0	0	0	0
Surface Storage Volume (cf)	0	0	0	0
Total Storage Volume (cf)	0	0	0	0

Total Trench Storage Volume (cf) 0.0

Tree Cell	TC2A	TC2B	TC2C	TC2D
Length (ft)				
Width (ft)				
Area (sf)	0	0	0	0
Contributing Drainage Area (sf)				
Depth of Amended Soil (in)				
Depth of Open Space (if any) (in)				
Amended Soil Void Space	0.35	0.35	0.35	0.35
Subsurface Storage (cf)	0	0	0	0

Total Tree Cell Storage Volume (cf) 0.0

Detention/Retention Basins

Basin Used?	Yes
Detention or Retention?	Retention
Contributing Drainage Area (sf)	1234489.00

Orifice Information

Stage (ft)	Surface Area (sf)	Volume (cf)
0	309394	0
1	338048	323721
2	366758	352403
3	395524	381141

Centerline Depth (ft)	Area (sf)	Coefficient of Discharge
1.50	8.670	0.6

Total Basin Storage Volume (cf) 1057265

Total Surface Area (sf) 395524

Total Provided Storage Non-Detention (cf) 0

Total Provided Storage with Detention (cf) 1057265

Total Contributing Area to GI (sf) 1,234,489

Total Drainage Area(sf) 1,234,489

Contributing Area Equal or Less than Drainage Area YES

SubArea Requirement Met YES

APPENDIX I

APPENDIX J

APPENDIX K

APPENDIX L

Sankofa Nature Trail and Wetland Park Stormwater Management Plan

6401 Florida Ave., New Orleans, LA 70117
City of New Orleans, Orleans Parish, LA

August 1, 2016



Prepared by

sankofa
community development corporation

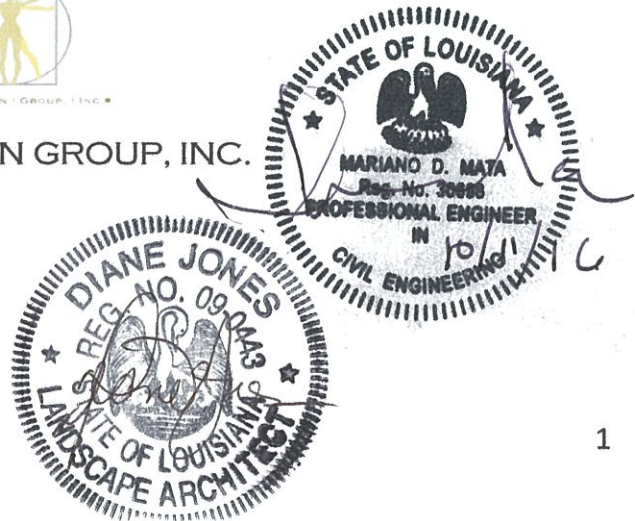
design  jones

John W. Day, Ph.D.



MDM DESIGN GROUP, INC.

MDM DESIGN GROUP, INC.



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 - B. Existing Soil and Land Cover Conditions
- III. Proposed Storm Water Management System
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 - B. Proposed Demolition
 - C. Proposed Planting Design
- IV. Operations and Maintenance Plan
- V. Summary



I. Introduction

The Sankofa Nature Trail and Wetland Park is located at 6401 Florida Avenue in the Lower Ninth Ward neighborhood, between Delery Street and Dubreuil Street. The 1.5 - acre site is positioned on the eastern end of 20 acres of vegetation alongside the north of Florida Ave. The proposed stormwater management system plan for the Wetland Park refers to these various factors through slowing and detaining water, while also focusing on the ecological system needs and water that consistently moves and remains relatively free of contaminates.

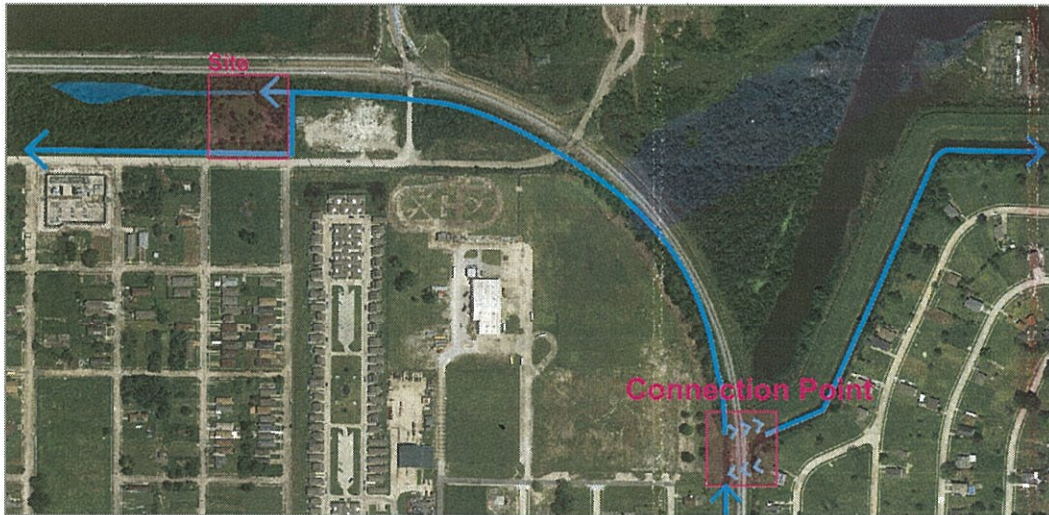
The Wetland Park is adjacent to a watershed that includes complex system of canals that traverse Orleans and St Bernard Parishes. Water flow between the Parishes may pass in both eastern and western directions of the northern wetlands and canals of the Wetland Park. The main water flow initiates from a consistent northeast corner and moves westward, followed by an immediate turn towards the south and another 90 degree turn, resulting in its eastward to westward flow again.

While the Lower Ninth Ward declines 13 feet over a 1.5-mile span from the Mississippi River to Bayou Bienvenue Wetlands Triangle, the area also inclines from an eastern high point to a western low point of Sewerage and Water Board Pumping Station Number Five. There is a small section of rise east of the project area at Tupelo Street. The Wetland Park is partly defined by a system of levees protecting the site from two adjacent large bodies of water. One is the tidal influenced Central Wetlands and its Bayou Bienvenue Wetlands Triangle to the north. The other is the mixture of Lake Pontchartrain and Mississippi River waters in the Inner Harbor Canal to the west. The convergence of these bodies of water results in an active water system in the Greater New Orleans area.

II. Existing Conditions and Assessments

A. Existing Drainage System

The site is connected to adjacent water canals and wetlands that are located between Florida Avenue and the railroad. This system ultimately flows into an underground culvert canal connected to Pumping Station No.5. The watershed extends east into St. Bernard Parish. During extreme storm event, it is possible that the site receives overflow from drainage system of St. Bernard Parish, adding to the complexity of the surface flow condition, as seen in the next diagrams. As Orleans Parish is located on higher ground than St. Bernard Parish, the water predominately flows eastwards. However, during extreme rainfall, it is possible that overflow from St. Bernard Parish will cross the parish line into the Wetland Park.



The site drainage infrastructure consists of the one small drainage canal, as stated earlier, with the main flow of water moving eastward to westward. The open water flows down to the underground culvert canal closer to Tupelo St. The Tupelo St. culvert does not drain to the project site. The water for our project site is runoff from the canal adjacent to the railroad. This water movement ultimately results in drainage of most of the site, also leaving enough water to support the diverse wildlife of the area.



B. Existing Soil and Land Cover Conditions

The majority of the site consists of a single soil group classification: AT (aquents, dredged, frequently flooded). The northern half of the site is frequently flooded and low enough to the water table to be poorly drained. All of the soils on site are categorized as less than 80 inches from the water table. The existing slope is 0.0 to 1.0%. The southern half of the site drains well and remains dry between storm events. The overall site contains clean landfill under an established topsoil. The area is covered by vegetation with some mature tree growth. The surface is permeable. There are no existing paved areas or structures on site.



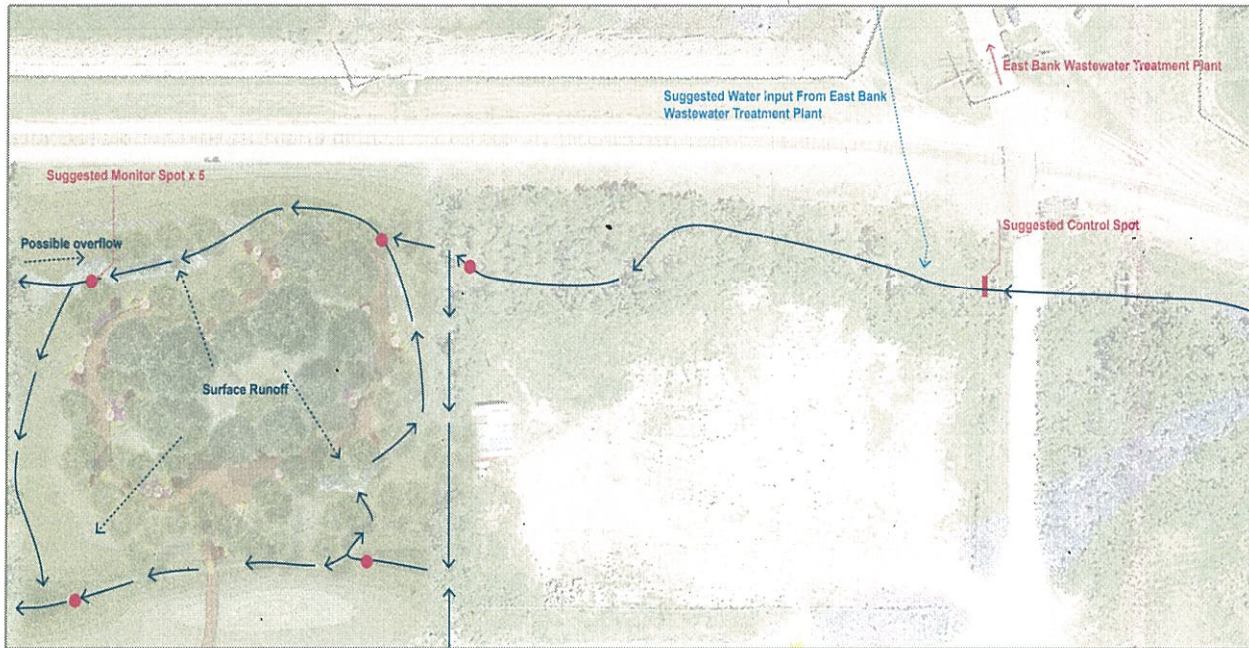
III. Proposed Stormwater Management System

A. Proposed Stormwater Management System

The quantity of water moving to the site and optimum levels for public use will be monitored.

The 1.5 - acre Wetland Park will be changed from an existing situation where water may cover 10 to 30 % of the site, contingent on the season and storm events, to one where water will cover 48% of the site, ranging in 1 to 4 feet of depth. The proposed alteration of land includes topographical features that create a mounded island center to the site, a permanent body of water that surrounds the island and a durable walking trail that navigates the site. Three ponds will be permanently installed at a minimum of 28% of the Wetland Park, operating at different depths on the site. In addition to the ponds and water features, visitors will also experience a walking trail and native vegetation.

Infrastructure Components



Hydraulic Loading for a 2-Year Rain Event

A five square block area drains into the canal that flows into the back of the Sankofa site and thence into the 40 acre site on the north side of Florida Ave. Based on data from NOAA, the ten year 24 hour maximum rainfall event is 5.37 inches.

We assumed the following:

Area of five blocks	14.29 acres
Rainfall for a 2-year return frequency for a 24 hours	5.37 inches
Runoff assuming 80% runoff	4.3 inches
Runoff volume for the 2 year rain event	222638 cubic feet

If all the runoff were stored on the two acre site, it would add 30.67 inches. If all runoff were stored on the 40 acre site, it would add 1.58 inches. In essence, the 40 acre wetland tract converts a 5.37 inch rain into a 1.58 inch rain. This means that the runoff will be stored on the site for a longer period of time thus allowing for uptake and processing of nutrients and suspended sediments in runoff. The changes on the Sankofa site will enhance the ability of the area to improve water quality. Future plans for enhancement of the entire 40 acre site will greatly increase the ability of the area to store runoff and improve water quality.

B. Proposed Demolition

Sankofa has already removed over 300 invasive tallow trees from the site with a bobcat and chainsaw to enable the grounds survey and design of site development plans. A bulldozer will dig the ponds and compress the ground as needed.

C. Proposed Planting Design

The impact of trees and plants on stormwater follows their diverse characteristics. Trees growing on elevated ground surfaces can contribute to a slower movement of surface runoff. Trees growing on lower areas are selected based on the goals for pollutant treatment and their ability to survive under water. Certain plants also help increase the retention and detention ability of the surface, thus reducing the risks of surrounding areas during rainfall events. Native plants enhance the stormwater management function of the site.

IV. Operation and Maintenance Plan

Best Management Practices will be utilized to move and store thousands of gallons of water at the site. Cleanliness of the site will be maintained with litter removal. Maintaining upkeep of the site will support continuous movement of the hydraulic system before it flows out of the Sankofa site, so that it remains well-connected to surrounding drainage systems. The maintenance plan mainly consists of three parts: 1) Cleaning; 2) Vegetation Maintenance; and 3) Integrated Pest Management.

Cleaning of the site involves ensuring debris is removed from the water features and walking trail. Vegetation maintenance involves trimming, pruning and mowing the grasses and plants to help keep the trail accessible. The grass will be mowed twice a month during the summer and monthly during the fall. Overgrown weeds will be removed weekly.

Integrated Pest Management entails controlling mosquitos, invasive species, and maintaining a healthy ecosystem. Mosquito fish and other aquatic life will be introduced into the ecosystem of the Wetland Park to serve as a major deterrent to mosquito larvae. No spray or non-IPM pesticides will be used. Pine needles will be used for drainage barriers during construction rather than hay or other materials that support mosquito habitats. Sankofa will regularly interact with the City of New Orleans, Mosquito and Termite Board and the National Wildlife Federation.

Implementation Timeline * 30 days	Contractor	Date	Total
Wetland and Swale construction	Sam Wilson	October 1-October 8	\$6,000.00
Trail Construction (Installation of crushed	HMD Contracting	October 8-October 12	\$3,000.00
Curb Cut	HMD Contracting	October 8-October 10	\$1,000.00
Maintenance of Learning Trail for (2	Sankofa	Nov 1, 2016 to Oct	\$3,000.00
TOTAL			\$13,000.00
Twenty-five percent of total construction			\$3,250.00

*This 24 month maintenance plan includes a total of ten hours a month dedicated to maintenance for a total of

Maintenance Plan * 24 months	Frequency	Mon	Tues	Wed	Thurs	Fri
General Removal of litter and debris and emptying trash cans	Weekly	x		x		x
Monitor entire drainage systems and remove litter and debris	Weekly					x
Monitor and control water quality at	Weekly					x
Trim vegetation in ponds and bio swales	Every 2 weeks					x
Mow grass and remove weeds on and	Every 2 weeks					x
Check for plant pests and diseases	Every 2 weeks					x
Check overflow outlets are clear and	Every 2 weeks					x
Monitor and control water quality at	Once a month					x
Monitor and control for Mosquitos at	Once a month					x
Monitor and assess for wildlife	Once a month					x
Monitor and control invasive species	Once a month					x
Clean sediment accumulation in ponds	Every 3 months					x
Conduct major debris removal from the water system and general clean up	August through	1 per major storm				x
Removal and dredging of sediments from water system:	August through	1 per major storm				x

V. Summary

The design proposal for the Sankofa Nature Trail and Wetland Park will not change the existing permeable surface on the site area, which is presently 100% permeable. The development of the Wetland Park will change the portion of land dedicated to wetlands from a high of 30% to one of 48%. It will help regulate surface runoff and contain excessive stormwater management features at double the current capacity. During rainfall events, the Wetland Park will capture more than the first 1 to ¼ inches of rainfall. The rainfall will be released into natural water bodies and urban drainage systems efficiently over a series of days to meet the stormwater management requirements.

Hydro and nutrient loading at Sankofa site for two year storm

Area of 5 blocks, m2	57800	hydraulic loading		runoff stroage	
ha	5.78	Sankofa 2 Ac, cm/yr	77.92	increased vol, cu ft	64800
ac	14.29	40 ac, cm/yr	3.90	increased vol m3	1835.69
rainfall	5.37	Sankofa 2 Ac, in/yr	30.68	% stored	29.11
m	0.136398	40 ac, in/yr	1.53396	% stored in 40 ac/10 in depth	651.91
cm	13.64	with rainfall on site			
tot rainfall m3	7883.8044	Sankofa 2 ac, in/yr	85.68	nutrient loading	
runoff 80% of rain, m3	6307.04	40 ac site. In/yr	56.53	TN, g/yr	31535.22
area of Sankofa wetland, m2	8094			TP, g/yr	3153.52
Ac	2				
Tot wetland area, m2	161874			Nutr loading rates	
ac	40			2 ac, TN	3.90
				2 ac, TP	0.39
				40 ac, TN, g/m2/yr	0.19
				40 ac, TP, g/m2/yr	0.02
nutrient loading. Assume 5 mg/l TN and 0.5 mg/l TP				Est. removal	
5	0.5			TN, 2 ac	78%
				TP, 2 ac	73%
cu ft with 2 year rain	222638.64			TN, 2 ac	>95%
feet on 2 ac	2.56			TP, 2 ac	>95%
in on 2 acres	30.67				
feet on 40 acres	0.13				
in on 40 ac	1.53				

If we assume that the water from St. Bernard Parish is zero, based upon average rainfall in both Parishes, then our site is about 2 acres or 90,000 sq ft. We are expanding the site to include about 48% given over to water management or 43,200 sq ft. We are adding on average an additional 1.5 feet of depth (this is based on deigning fro 1 to 4 feet in specific areas) to this square footage or 64,800 cubic feet of capacity or 484,750 gallons of holding capacity. We can go conservative on this and say we are averaging 1 foot depth of capacity or 323,150 gallons of added capacity.

For a 5.37 inch rain (2 year return frequench for a 24 hour rainfall) and assuming 80% runoff.

If all runoff were stored on a two acre site, it would add 30.67 inche But most runoff would flow quickly on the larger 40 acre site before being pumped out to Bayou Bienvenue.

If all runoff were stored on a 40 acre site, it would add 1.58 inches.

Stormwater Pollution Prevention Plan

for:

**Sankofa Wetland Park
Orleans Parish**

Operator(s):

Company or Organization Name: _____
Name: _____
Address: _____
City, State, Zip Code: _____
Telephone Number: _____
Fax/Email: _____

SWPPP Contact(s):

Company or Organization Name: Duplantis Design Group, P.C.
Name: Ashley Ruh
Address: 4141 Bienville Street, Suite 101
City, State, Zip Code: New Orleans, LA 70119
Telephone Number: (504) 434-6565
Fax/Email: ARuh@ddgpc.com

SWPPP Preparation Date:

11/30/2021

Estimated Project Dates:

**Project Start Date: 01/1/2022
Project Completion Date: 06/30/2022**

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- Appendix G – General Contractor and Subcontractor Certifications/Agreements
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- Appendix I – Training Log
- Appendix J – Delegation of Authority
- Appendix K – Additional Information (i.e. Endangered Species and Historic Preservation Documentation)

SECTION 1: SITE EVALUATION, ASSESSMENT, AND PLANNING

1.1 Project/Site Information

Project/Site Name: Sankofa Wetland Park

Project Street/Location: Along the North side of Florida Avenue

City: New Orleans State: LA ZIP Code: 70117

County or Similar Subdivision: Orleans Parish

Latitude/Longitude

Latitude:

29° 58' 38.12" N (degrees, minutes, seconds)

Longitude:

90° 00' 27.01" W (degrees, minutes, seconds)

Method for determining latitude/longitude:

USGS topographic map (specify scale: _____) EPA Web site GPS

Other (please specify): Google Earth

Is the project located in Indian country? Yes No

If yes, name of Reservation, or if not part of a Reservation, indicate "not applicable." N/A

Is this project considered a federal facility? Yes No

LPDES project or permit tracking number*: _____

**(This is the unique identifying number assigned to your project by your permitting authority after you have applied for coverage under the appropriate National Pollutant Discharge Elimination System (NPDES) construction general permit.)*

1.2 Contact Information/Responsible Parties

Owner(s):

Company or Organization Name:

Name: _____

Address: _____

City: _____ State: _____ ZIP Code: _____

Telephone Number: _____

Fax/Email: _____

Area of Control (if more than one operator at site): _____

Operator(s):

Company or Organization Name: __

Name: _____

Address: _____

City: _____ State: _____ ZIP Code: _____

Telephone Number: _____

Fax/Email: _____

Area of Control (if more than one operator at site): _____

SWPPP Contact(s):

Company or Organization Name: Duplantis Design Group, P.C.

Name: Ashley Rue

Address: 4141 Bienville Street, Suite 101

City: New Orleans State: LA Zip Code: 70119

Telephone Number: (504) 434-6565

Fax/Email: arue@ddgpc.com

Area of Control (if more than one operator at site): _____

**Please attach additional sheets as needed.

This SWPPP was Prepared by:

Company or Organization Name: Duplantis Design Group, P.C.

Name: Andrew Harris

Address: 4141 Bienville Street, Suite 101

City: New Orleans State: LA Zip Code: 70119

Telephone Number: (504) 434-6565

Fax/Email: aharris@ddgpc.com

Area of Control (if more than one operator at site): _____

Subcontractor(s):

Company or Organization Name: _____

Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Telephone Number: _____

Fax/Email: _____

Area of Control (if more than one operator at site): _____

Emergency 24-Hour Contact:

Company or Organization Name: LA Emergency Hazardous Materials Hotline

Name: _____

Telephone Number: (225) 925-6595

1.3 Nature and Sequence of Construction Activity

Describe the general scope of the work for the project, major phases of construction, etc:

The proposed Sankofa Wetland Park and trail will be constructed on a 35.17 acre existing undeveloped property located along the north side of Florida Avenue in New Orleans, LA.

Construction activities on-site will include excavation of proposed wetlands/ wet pond areas and using fill to create a system of nature trails.

The pre-developed condition for the site is currently undeveloped grass lot that is approximately 35.17 acres. The site conveys stormwater via overland flow into the existing subsurface drainage canal along Florida Avenue. This underground canal flows west to the existing pump station No. 5 and is pumped to the north of Bayou Bienville.

Sediment control measures will be taken to protect the receiving waterways from sediment runoff.

Soil disturbing activities will include: Clearing and grubbing, stripping property of topsoil, and bringing property to finished grade.

What is the function of the construction activity?

- Residential Commercial Industrial Road Construction Linear Utility
 Other (please specify): Nature Trail

Estimated Project Start Date: 01 / 01 / 2022

Estimated Project Completion Date: 06 / 30 / 2022

1.4 Soils, Slopes, Vegetation, and Current Drainage Patterns

Soil Condition(s):

The following information is based on the Web Soil Survey from the USDA website obtained on September 8, 2021. The soils found on the proposed site consist of 97.6% Aquents, dredged, frequently flooded (AT) and 2.4% Harahan Clay 0-1% slopes (Ha). Both soils are classified as Hydrologic Soil group D which is described as soils having a very slow infiltration rate when thoroughly wet.

1.5 Construction Site Estimates

The following are estimates of the construction site.

Total project area:	35.17	acres
Construction site area to be disturbed:	35.17	acres
Pre-developed percentage impervious area:	7.48	%
Pre-developed runoff coefficient:	0.35	
Post-developed percentage impervious area:	7.48	%
Post-developed runoff coefficient:	0.35	
Approximate Annual Rainfall	62.5	inches
Month(s) of Highest Rainfall	June	

1.6 Receiving Waters

Description of receiving waters:

The site currently sheet flows to existing subsurface drainage canal along Florida Avenue, which flows to pump station 5. From pump station 5, water is pumped to the Main Outfall Canal then flows to Bayou Bienvenue which then flows to the Gulf of Mexico.

Description of storm sewer systems:

The site currently sheet flows to existing subsurface drainage canal along Florida Avenue, which flows to pump station 5. From pump station 5, water is pumped to the Main Outfall Canal then flows to Bayou Bienvenue which then flows to the Gulf of Mexico.

Description of impaired waters or waters subject to TMDLs:

N/A

Other:

1.7 Site Features and Sensitive Areas to be Protected

Description of unique features that are to be preserved: N/A

Describe measures to protect these features: N/A

1.8 Potential Sources of Pollution

Potential sources of sediment to stormwater runoff:

- Water line flushings.
- Vehicle, external building, and pavement wash waters (where no spills or leaks of toxic or hazardous materials have occurred).
- Uncontaminated groundwater (from dewatering excavation).
- Discharges from fire fighting activities.
- Water used to control dust.
- Fire hydrant flushings.
- Air conditioner condensate.
- Landscape Irrigation
- Foundation or footing drains where flows are not contaminated with process material such as solvents.

Potential pollutants and sources, other than sediment, to stormwater runoff:

Trade Name Material	Chemical/Physical Description	Storm Water Pollutants
Pesticides (insecticides, fungicides, herbicides, rodenticides)	Various colored to colorless liquid powder, pellets, or grains	Chlorinated hydrocarbons, organophosphates, carbamates, arsenic
Fertilizer	Liquid or solid grains	Nitrogen, phosphorous
Plaster	White granules or powder	Calcium sulphate, calcium carbonate, sulfuric acid
Cleaning solvents	Colorless, blue, or yellow-green liquid	Perchloroethylene, methylene chloride, trichloroethylene, petroleum distillates
Asphalt	Black solid	Oil, petroleum distillates
Concrete	White solid	Limestone, sand
Glue, adhesives	White or yellow liquid	Polymers, epoxies
Paints	Various colored liquid	Metal oxides, stoddard solvent, talc, calcium carbonate, arsenic

Curing compounds	Creamy white liquid	Naphtha
Wastewater from construction equipment washing	Water	Soil, oil and grease, solids
Wood preservatives	Clear amber or dark brown liquid	Stoddard solvent, petroleum distillates, arsenic, copper, chromium
Hydraulic oil/ fluids	Brown oily petroleum hydrocarbon	Mineral oil
Gasoline	Colorless, pale brown or pink petroleum hydrocarbon	Benzene, ethyl benzene, toluene, xylene, MTBE
Diesel Fuel	Clear, blue-green to yellow liquid	Petroleum distillate, oil and grease, naphthalene, xylenes
Kerosene	Pale yellow liquid petroleum hydrocarbon	Coal oil, petroleum distillates
Antifreeze/coolant	Clear green/yellow liquid	Ethylene glycol, propylene glycol, heavy metals (copper, lead, zinc)

1.9 Endangered Species Certification

Are endangered or threatened species and critical habitats on or near the project area?

Yes No

Describe how this determination was made:

The US Fish and Wildlife Service online database for Louisiana Ecological Services Office was used to determine that there are no endangered or threatened species or critical habitats are within or near the project site. Additionally, an inquiry letter was sent to the Louisiana Wildlife and Fisheries in Baton Rouge, LA. (See Appendix K)

If yes, describe the species and/or critical habitat:

N/A

If yes, describe or refer to documentation that determines the likelihood of an impact on identified species and/or habitat and the steps taken to address that impact. (Note, if species are on or near your project site, EPA strongly recommends that the site operator work closely with the appropriate field office of the U.S. Fish and Wildlife Service or National Marine Fisheries Service. For concerns related to state or tribal listing of species, please contact a state or tribal official.)

N/A

1.10 Historic Preservation

Are there any historic sites on or near the construction site?

Yes No

Describe how this determination was made:

Emailed request for Info to SHPO and received response on 11/30/21. (See Appendix K)

If yes, describe or refer to documentation that determines the likelihood of an impact on this historic site and the steps taken to address that impact.

N/A

1.11 Applicable Federal, Tribal, State or Local Programs

Are there any federal, tribal, state or local programs applicable to the construction site?

Yes No

Describe how this determination was made:

Emailed request for Info to SHPO and received response on 11/30/21. (See Appendix K)

If yes, describe or refer to documentation that determines the likelihood of an impact on this historic site and the steps taken to address that impact.

N/A

1.12 Wetlands and Other Waters of the U.S.

N/A

1.13 Maps

The following maps can be found in the SWPPP Appendices:

- Site Map (Appendix A)
- Overall Erosion Control Plan (Appendix B, Sheet C-2)

SECTION 2: EROSION AND SEDIMENT CONTROL BMPS

2.1 Minimize Disturbed Area and Protect Natural Features and Soil

Areas not to be disturbed will be protected from construction activities outside the limits of construction. Topsoil will be stockpiled on-site and a perimeter of interceptor ditches and rock check dams will be established to reduce loss of sediment. Silt fences will also be installed around the perimeter of the disturbed area to prevent sediment loss.

2.2 Phase Construction Activity

- Phase 1
 - Silt Fence; stone construction entrances; gravel curb inlet sediment filter (existing curb inlets)
 - Clearing and Grubbing.
- Phase 2
 - Pipe Protection; Inlet Protection (prior to paving); Silt Sack (after paving)
 - Placement of underground utilities and storm pipe
- Phase 3
 - Construction of paving

2.3 Control Stormwater Flowing onto and through the Project

BMP Description: Silt Fence	
Installation Schedule:	Beginning of Construction. For controlling sediment runoff of site during construction
Maintenance and Inspection:	Daily
Responsible Staff:	Project Superintendent

2.4 Stabilize Soils

BMP Description: Sod/Seeding

<input checked="" type="checkbox"/> Permanent		<input type="checkbox"/> Temporary	
Installation Schedule:	After Final Grade is achieved		
Maintenance and Inspection:	Weekly		
Responsible Staff:	Project Superintendent		

2.5 Protect Slopes

BMP Description: Sod/Seeding	
Installation Schedule:	After final grade is achieved.
Maintenance and Inspection:	Weekly
Responsible Staff:	Project Superintendent

2.6 Protect Storm Drain Inlets

BMP Description: Filter Fabric Protection/Silt Sac	
Installation Schedule:	After inlet installation and to remain until pavement complete.
Maintenance and Inspection:	Daily
Responsible Staff:	Project Superintendent

2.7 Establish Perimeter Controls and Sediment Barriers

BMP Description: Silt Fence	
Installation Schedule:	Beginning of Construction. For controlling sediment runoff of site during construction
Maintenance and Inspection:	Daily
Responsible Staff:	Project Superintendent

2.8 Retain Sediment On-Site

BMP Description: NONE	
------------------------------	--

<i>Installation Schedule:</i>	
<i>Maintenance and Inspection:</i>	
<i>Responsible Staff:</i>	

2.9 Establish Stabilized Construction Exits

<i>BMP Description:</i> Stabilized Construction Entrance/Exit	
<i>Installation Schedule:</i>	Beginning of Construction.
<i>Maintenance and Inspection:</i>	Daily
<i>Responsible Staff:</i>	Project Superintendent

2.10 Additional BMPs

<i>BMP Description:</i> Sweeper	
<i>Installation Schedule:</i>	During all construction activities
<i>Maintenance and Inspection:</i>	Daily
<i>Responsible Staff:</i>	Project Superintendent

SECTION 3: GOOD HOUSEKEEPING BMPS

3.1 Material Handling and Waste Management

BMP Description: An effort will be made to store only enough product required for project.	
Installation Schedule:	Throughout the duration of the project
Maintenance and Inspection:	Daily
Responsible Staff:	Project Superintendent
BMP Description: Products will be kept in their original container with the original manufacturer's label.	
Installation Schedule:	Throughout the duration of the project
Maintenance and Inspection:	Daily
Responsible Staff:	Project Superintendent
BMP Description: Substances will not be mixed with one another unless recommended by the manufacturer.	
Installation Schedule:	Throughout the duration of the project
Maintenance and Inspection:	Daily
Responsible Staff:	Project Superintendent
BMP Description: Whenever possible, all of a product will be used up before disposing of the container.	
Installation Schedule:	Throughout the duration of the project
Maintenance and Inspection:	Daily
Responsible Staff:	Project Superintendent

BMP Description: Manufacturer's recommendations for proper use and disposal will be followed.	
Installation Schedule:	Throughout the duration of the project
Maintenance and Inspection:	Daily
Responsible Staff:	Project Superintendent

3.2 Establish Proper Building Material Staging Areas

BMP Description: All materials stored onsite will be stored in a neat, orderly manner in their appropriate containers and, if possible, under a roof or other enclosure.	
Installation Schedule:	Throughout the duration of the project
Maintenance and Inspection:	Daily
Responsible Staff:	Project Superintendent

3.3 Designate Washout Areas

BMP Description: NONE	
Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

3.4 Establish Proper Equipment/Vehicle Fueling and Maintenance Practices

BMP Description: Operators shall prevent untreated nutrient-enriched wastewater or hazardous wastes from being discharged to surface or ground waters by using designated areas for fueling and maintenance. Dispose of all used oil, antifreeze, solvents and other automotive-related chemicals according to manufacturer instructions.	
Installation Schedule:	Throughout the duration of the project
Maintenance and Inspection:	All construction vehicles shall be inspected daily and any leaks repaired immediately.
Responsible Staff:	Project Superintendent

3.5 Control Equipment/Vehicle Washing

BMP Description: NONE	
Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

3.6 Spill Prevention and Control Plan

In addition to the good housekeeping and material management practices discussed in the previous sections of this plan, the following practices will be followed for spill prevention and cleanup:

- Manufacturers' recommended methods for spill cleanup will be clearly posted and site personnel will be made aware of the procedures and the location of the information and cleanup supplies.
- Materials and equipment necessary for spill cleanup will be kept in the material storage area onsite. Equipment and materials will include but not be limited to brooms, dust pans, mops, rags, gloves, goggles, kitty litter, sand, sawdust, and plastic and metal trash containers specifically for this purpose.
- All spills will be cleaned up immediately after discovery.
- The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with a hazardous substance.
- Spills of toxic or hazardous material will be reported to the appropriate State or local government agency, regardless of the size.
- The spill prevention plan will be adjusted to include measures to prevent this type of spill from reoccurring and how to clean up the spill if there is another one. A description of the spill, what caused it, and the cleanup measures will also be included.
- The contractor responsible for the day-to-day site operations will be the spill prevention and cleanup coordinator. They will designate at least three other site personnel who will receive spill prevention and cleanup training. These individuals will each become responsible for a particular phase of prevention and cleanup. The names of responsible spill personnel will be posted in the material storage area and in the office trailer onsite.

3.7 Any Additional BMPs

BMP Description: NONE	
Installation Schedule:	
Maintenance and Inspection:	
Responsible Staff:	

3.8 Allowable Non-Stormwater Discharge Management

The following non-storm water discharges may occur from the site during the construction period:

- Potable water sources, including water line flushings.
- Vehicle, external building, and pavement wash waters (where no spills or leaks of toxic or hazardous materials have occurred and no detergents have been used).
- Uncontaminated groundwater or spring water.
- Uncontaminated groundwater (from dewatering excavation)
- Discharges from fire fighting activities.
- Water used to control dust.
- Fire hydrant flushings.
- Air conditioner condensate
- Landscape Irrigation
- Foundation or footing drains where flows are not contaminated with process material such as solvents.

Non-stormwater discharges shall be reduced or eliminated when possible.

SECTION 4: SELECTING POST-CONSTRUCTION BMPs

<i>BMP Description:</i> Permanent Vegetation	
<i>Installation Schedule:</i>	To be installed after all construction activities have been completed.
<i>Maintenance and Inspection:</i>	Monthly
<i>Responsible Staff:</i>	Project Superintendent

SECTION 5: INSPECTIONS

5.1 Inspections

1. Inspection Personnel:

Project Superintendent

2. Inspection Schedule and Procedures:

BMP'S must be inspected at least once every fourteen (14) calendar days, before anticipated storm events (or series of storm events such as intermittent showers over one or more days), and within 24 hours of the end of a storm event 0.50 inches or greater.

These are the inspection practices that that will be used to maintain erosion and sediment controls.

- Temporary and permanent seeding and planting will be inspected for bare spots, washouts, and healthy growth.
- A maintenance inspection report will be made after each inspection. A copy of the report form to be completed by the inspector is attached in Appendix E.

**See Appendix D for Inspection Report forms.

5.2 Delegation of Authority

Duly Authorized Representative(s) or Position(s):

**Attach a copy of the "Delegation of Authority" form in Appendix J.

5.3 Corrective Action Log

Corrective Action Log:

**See Appendix E for Corrective Action Log.

SECTION 6: RECORDKEEPING AND TRAINING

6.1 Recordkeeping

Records will be retained for a minimum period of at least 3 years after the permit is terminated.

Date(s) when major grading activities occur:

**See Appendix H for Grading and Stabilization Log

Date(s) when construction activities temporarily or permanently cease on a portion of the site:

**See Appendix H for Grading and Stabilization Log

Date(s) when an area is either temporarily or permanently stabilized:

**See Appendix H for Grading and Stabilization Log

6.2 Log of Changes to the SWPPP

Log of changes and updates to the SWPPP

**See Appendix F for SWPPP Amendment Log.

6.3 Training

Individual(s) Responsible for Training:

Operator, General Contractor, Subcontractor, etc.

Describe Training Conducted:

- General stormwater and BMP awareness training for staff and subcontractors:
- Detailed training for staff and subcontractors with specific stormwater responsibilities:

**See Appendix I for Training Log.

SECTION 7: FINAL STABILIZATION

<i>BMP Description:</i> Permanent Vegetation	
<i>Installation Schedule:</i>	To be installed after all construction activities have been completed.
<i>Maintenance and Inspection:</i>	Monthly until final stabilization occurs
<i>Responsible Staff:</i>	Project Superintendent

SECTION 8: CERTIFICATION AND NOTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I also certify that a storm water pollution prevention plan, including both pre construction and post construction controls, has been prepared for the site in accordance with the permit and that such plan complies with approved State, Tribal, and/or local sediment and erosion plans or permits and/or storm water management plans or permits. I am aware that signature and submittal of the NOI is deemed to constitute my determination of eligibility under one or more of the requirements of Permit Part 1.A.3.e(1), related to the Endangered Species Act requirements. To the best of my knowledge, I further certify that such discharges and discharge related activities will not have an affect on properties listed or eligible for listing on the National Register of Historic Places under the National Historic Preservation Act, or are otherwise eligible for coverage under Part 1.A.3.f of the permit. I am also aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name: _____ Title: _____

Signature: _____ Date: _____

SWPPP APPENDICES

Appendix A – General Location Map

Appendix B – Site Maps

Appendix C – Construction General Permit

Appendix D – Inspection Reports

Appendix E – Corrective Action Log

Appendix F – SWPPP Amendment Log

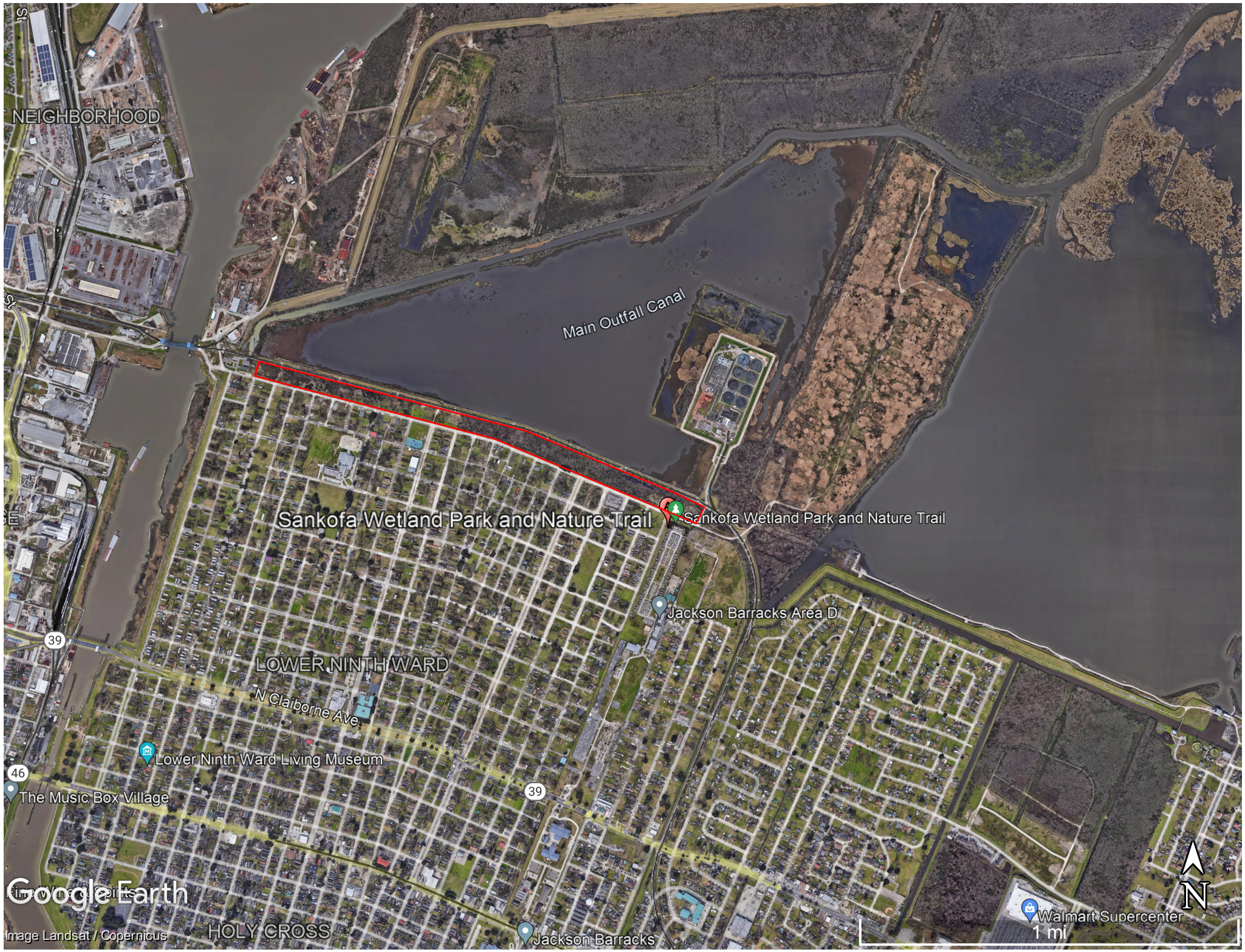
Appendix G – General Contractor/Subcontractor Certifications/Agreements

Appendix H– Grading and Stabilization Activities Log

Appendix I– Training Log

Appendix J – Delegation of Authority

Appendix K – Additional Information (i.e. Endangered Species and Historic Preservation Documentation)



NEIGHBORHOOD

Main Outfall Canal

Sankofa Wetland Park and Nature Trail

LOWER NINTH WARD

N Claiborne Ave

Lower Ninth Ward Living Museum

The Music Box Village

Jackson Barracks Area D

39

46

Google Earth

Image Landsat / Copernicus

HOLY CROSS

Jackson Barracks

Walmart Supercenter
1 mi





**STORM WATER GENERAL PERMIT FOR
LARGE CONSTRUCTION ACTIVITIES**

**MASTER GENERAL PERMIT NO. LAR100000
AUTHORIZATION TO DISCHARGE UNDER THE
LOUISIANA POLLUTANT DISCHARGE ELIMINATION SYSTEM**

Pursuant to the Clean Water Act, as amended (33 U.S.C. 1251 *et seq.*), and the Louisiana Environmental Quality Act, as amended (La. R. S. 30:2001 *et seq.*), rules and regulations effective or promulgated under the authority of said Acts, this Louisiana Pollutant Discharge Elimination System (LPDES) General Permit is reissued. This permit authorizes operators of storm water discharges from construction activities of five (5) acres or more, including smaller areas that are part of a larger plan of development or sale that cumulatively disturb at least five acres, and defined dedicated support activities, to discharge to waters of the State, in accordance with the conditions and requirements set forth herein.

Only those operators who obtain coverage in accordance with Parts I and II of this permit are authorized under this general permit.

This permit shall become effective on *October 1, 2019*

This permit and the authorization to discharge shall expire five years from the effective date of the permit.

Issued on *June 21, 2019*

Elliott B. Vega
Assistant Secretary

**LPDES GENERAL PERMIT
FOR STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES
FIVE (5) ACRES OR MORE
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ADDENDA

- A. ENDANGERED SPECIES GUIDANCE
- B. HISTORIC PRESERVATION
- C. LIST OF ADDRESSES FOR LDEQ OFFICES
- D. LIST OF OUTSTANDING NATURAL RESOURCE WATERS

Part I. COVERAGE UNDER THIS PERMIT

A. Applicability

1. This permit authorizes discharges of storm water from construction activities that disturb 5 acres or more of total land area, including the disturbance of less than 5 acres of total land area that is part of a larger common plan of development or sale if the larger common plan will ultimately disturb 5 acres or more, as defined in LAC 33:IX.2511.B.14.j and those construction site discharges designated by the State Administrative Authority as needing a storm water permit under LAC 33:IX.2511.A.1.e, except for discharges identified below under Permit Part I.A.3. Permit coverage is required from the “commencement of construction activities” until “final stabilization” as defined in Permit Part IX.

Construction activities regulated under this permit include clearing, grading, excavation operations, and/or adding fill material that result in the disturbance of five acres of land or more. Construction of residential houses, office buildings, industrial facilities, roadways, and runways are examples of construction activities.

The **clearing of land solely for agricultural purposes is NOT a regulated activity** so it is exempted from Louisiana Pollutant Discharge Elimination System (LPDES) permitting requirements (LAC 33:IX.2315.A). Projects on cultivated croplands are not regulated, as these are already “disturbed” areas.

Construction activities related to oil and gas exploration, production, processing, or treatment, or transmission activities are exempt from regulation under this permit. Section 323 of the Energy Policy Act of 2005 modified paragraph (24) of Section 502 of the Clean Water Act (CWA) to define the term “oil and gas exploration, production, processing, or treatment, or transmission facilities.” This term is used in CWA Section 402(1) (2) to identify oil and gas activities for which the Environmental Protection Agency (EPA) shall not require National Pollutant Discharge Elimination System (NPDES) permit coverage for certain storm water discharges. The effect of this statutory change is to make construction activities at oil and gas sites eligible for the exemption established by CWA Section 402(1) (2). The exemption from obtaining LPDES permit coverage for storm water discharges from construction activities at these oil and gas sites is codified in the Environmental Regulatory Code at LAC 33:IX.2511.A.2. Oil and gas exploration, production, processing, or treatment operations or transmission site construction activities are exempt from obtaining permit coverage for discharges of storm water runoff related to construction activities, regardless of the amount of disturbed acreage, which are necessary to prepare a site for drilling and the movement and placement of drilling equipment, constructing access roads, drilling waste management pits, in field treatment plants and the transportation infrastructure (e.g., crude oil and natural gas pipelines, natural gas treatment plants and both natural gas transmission pipeline compressor and oil pumping stations) necessary for the operation of most producing oil and gas fields.

Repaving of roads and reworking of utility lines or pipelines are not regulated under this permit unless five or more acres of underlying and/or surrounding soil are cleared, graded or excavated as part of the operation. **A construction activity does not include routine maintenance that**

is performed to maintain the original line and grade, hydraulic capacity, or original purpose of the site/structure. If a construction activity is only performed to maintain its original purpose, then LPDES permit coverage under this general permit is not required to discharge storm water from that construction activity. Such activities include replacing structures that are due for and require maintenance. In order to qualify as a routine maintenance activity, the land disturbance shall not go beyond the footprint of the previous structure. Examples of routine maintenance include:

- Berm Repair or Topsoil Replacement Along Shoulders - placing berm material or topsoil on shoulders adjacent to pavement to eliminate drop-offs;
- Bridge Abutment Repairs, Deck Overlays, and Deck Replacement;
- Bridge Replacement without widening;
- Chip Sealing – placing asphalt or polymer binder and stone on existing roads;
- Culvert Replacement/Repair/Lining – replacing/repairing/relining a culvert with the same line, grade, and hydraulic capacity and within US Army Corps of Engineers Nationwide Permit (NWP) #3 parameters;
- Curb Repairs – repairing existing curbing along a roadway;
- Ditch Cleanout – maintaining or restoring original flow line and cross-section only;
- Fence Repair/Replacement;
- Lighting Maintenance;
- Linear Grading – reshaping of graded shoulders to establish proper drainage away from pavement;
- Loop Detector Repairs – repairing loop detectors in existing pavement;
- Noise Wall Repair;
- Partial Depth Pavement Repairs – isolated repairs of surface courses of pavement;
- Pothole Filling; Resurfacing – replacing several inches of asphalt wearing course by milling existing surface and replacing with new material;
- Road Re-paving with new asphalt provided the activity does not expose soil to storm water;
- Sign Repair/Maintenance – installing or repairing traffic signs and poles/posts;
- Signal Installation/Maintenance – installing or repairing traffic signals and poles/posts; and
- Tree/Brush Removal – when it is considered a road maintenance activity.

The following examples of activities that commonly disturb less than five acres, and if disturbing less than one acre and not part of a common plan of development, do not require a permit:

- Full Depth Pavement Repairs – isolated repairs of pavement build-up down to sub-grade;
- Guardrail Installation/Replacement – installing or repairing with minor grading work to create proper grade for end assemblies; and
- Road Replacement without adding any lanes.

To determine if construction activities at a particular site are regulated under this general permit you shall determine the total amount of land area that will be disturbed during a construction project rather than the total land area owned at a project site. Construction activities which require storm water permit coverage under this general permit are activities that result in the

disturbance of five or more acres of total land area, including smaller areas that are part of a larger plan of development or sale that cumulatively disturb at least five acres.

Any discharge authorized by a different LPDES permit may be commingled with discharges authorized by this permit. Any permittee covered by an individual permit may request that the individual permit be terminated if the permitted source or activity is also eligible for coverage under this general permit. Upon written notification by this Office, the individual permit will be terminated and the permittee will be covered by this general permit.

Assistance/additional information about the permit may be obtained by contacting the Water Permits Division General and Municipal Water Permits Section, at (225) 219-5337, or at the address in Part II.C.

2. This permit also authorizes discharges from support activities related to a construction site (e.g., equipment staging yards, material storage areas, excavated material disposal areas, borrow areas, etc.) from which there otherwise is a storm water discharge from a construction activity provided:
 - a. the support activity is directly related to a construction site that is required to have LPDES permit coverage for discharges of storm water associated with construction activity;
 - b. the support activity is not a commercial operation serving multiple unrelated construction projects by different operators, and does not operate beyond the completion of the construction activity at the last construction project it supports;
 - c. pollutant discharges from the support activity areas located on and off construction sites are minimized to the maximum extent practicable and comply with permit conditions.
3. **Limitations on Coverage:** The following storm water discharges from construction sites are not authorized by this permit.

a. Post-Construction Discharges

Storm water discharges that originate from the site after construction activities have been completed, and the site, including any temporary support activity at the site, has undergone final stabilization. Industrial post-construction storm water discharges may need to be covered by a separate LPDES permit.

b. Discharges Mixed with Non-storm Water

Discharges that are mixed with sources of non-storm water other than:

- (1) discharges which are identified in Parts I.A.2 above (including equipment staging yards and material storage areas), and

- (2) non-storm water discharges listed in Part III.A.3 which are authorized under this system, and
- (3) discharges of material other than storm water that are in compliance with another LPDES permit issued for that discharge, and which are addressed in the storm water pollution prevention plan in such a manner as to identify and ensure the implementation of appropriate pollution prevention measures for the non-storm water component(s) of the discharge, as required below in Part IV.D.5. Any discharge authorized by a different LPDES permit may be commingled with discharges authorized by this permit.

c. Discharges Covered by Another Permit

Storm water discharges associated with construction activity that have been issued an individual permit or required to obtain coverage under an alternative general permit. As provided in Part I.A.1 above, any permittee covered by an individual permit may request that the individual permit be terminated if the permitted source or activity is also eligible for coverage under this general permit. Upon written approval of that request by this Office, the individual permit will be terminated and the permittee will be covered by this general permit.

d. Discharges Threatening Water Quality

Storm water discharges from construction sites that LDEQ determines will cause, or have the reasonable potential to cause or contribute to, violations of water quality standards. Where such determinations have been made, the discharger will be notified by LDEQ that an individual permit application is necessary. However, LDEQ may authorize coverage under this permit after appropriate controls and implementation procedures designed to bring the discharges into compliance with water quality standards have been included in the storm water pollution prevention plan.

Furthermore, if a discharge flows into a water body that is listed on the most recent EPA-approved 303(d) list, then the permittee's storm water pollution prevention plan must include specific control measures targeting the pollutant(s) of concern for any impairment(s). The control measures must be designed and implemented to ensure discharges of storm water will not have the reasonable potential to cause or contribute to the impairment. Impaired water bodies (without a TMDL) are listed as Category 5 in Appendix A of LDEQ's most recent Integrated Report (IR), located at: <http://deq.louisiana.gov/page/water-quality-integrated-report-305b303d>.

e. Discharges That Are Not Protective of Endangered and Threatened Species

- (1) Coverage under this permit is available only if the storm water discharges, allowable non-storm water discharges, and storm water discharge-related activities will not adversely affect any species that are federally-listed as endangered or threatened ("listed") under the Endangered Species Act (ESA) and will not result in the adverse modification or destruction of habitat that is federally-designated as "critical habitat" under the ESA. All operators must follow the procedures in Addendum A and meet at

least one of the eligibility criteria (Criteria A - E) described in the addendum when determining eligibility for coverage under the permit. Failure to continue to meet one or more of these criteria during the entire term of the permit will result in the storm water discharges associated with construction activity being ineligible for coverage under this permit.

- (2) The applicant must comply with any terms and conditions imposed under the eligibility requirements above to ensure that storm water discharges or BMPs to control storm water runoff are protective of listed endangered and threatened species and/or critical habitat. Such terms and conditions must be incorporated in the applicant's storm water pollution prevention plan.
- (3) This permit does not authorize any "take" (as defined under Section 9 of the ESA) of endangered and/or threatened species unless such take is authorized under Section 7 or 10 the ESA.
- (4) This permit does not authorize any storm water discharges or require any BMPs to control storm water runoff that are likely to jeopardize the continued existence of any species that are listed as endangered or threatened under the Endangered Species Act or result in the adverse modification or destruction of habitat that is designated as critical under the ESA.

f. Discharges Adversely Affecting Properties Eligible for Protection Under the National Historic Preservation Act.

Eligibility for coverage under this permit is contingent upon compliance with the National Historic Preservation Act (NHPA). Discharges are authorized under this permit only if:

- (1) the site ensures storm water discharges, allowable non-storm water discharges, and discharge-related activities do not have the potential to adversely affect a property that is listed or is eligible for listing on the National Register of Historic Places as maintained by the Secretary of the Interior; or
- (2) if historical properties are identified and it is determined there is the potential to adversely affect the property, the site has obtained and is in compliance with a written agreement with the Louisiana State Historic Preservation Officer (SHPO) that outlines all measures to be undertaken to mitigate or prevent adverse effect(s) to the historic property.

Addendum B of this permit provides guidance and references to assist operators with determining permit eligibility concerning this provision.

g. Discharges Not in Compliance with State Water Quality Standards/TMDL Requirements

Covered dischargers shall not cause, have the reasonable potential to cause, or contribute to a violation of a state water quality standard. New or proposed dischargers must evaluate

eligibility by determining compliance with this provision prior to assuming authorization by the permit.

The discharge of any pollutant into any water for which a Total Maximum Daily Load (TMDL) has been either established or approved by LDEQ is not authorized unless the discharge is consistent with the requirement(s) of that TMDL. During determination of eligibility for coverage under the permit, **new dischargers** (see LAC 33:IX.2313) to a 303(d) waterbody must determine that their proposed discharges will be in compliance with LAC 33:IX.2317.A.9. In essence, a new discharger is one initiated after August 13, 1979, and not previously permitted. Any discharger (**both existing and new**) to a water body for which there is an impairment and/or an approved or established TMDL must confirm that the impairment and/or TMDL allocated a portion of the load for storm water point source discharges if the proposed discharges will contain the pollutant(s) for which the waterbody is impaired or the TMDL developed. Such discharges are expected to be rare for the wastewater types covered by the reissued permit because the required control/prevention measures are designed to prevent the release of these pollutants in storm water. Permittees located within a regulated Municipal Separate Storm Sewer System (MS4) that has been assigned a WLA may be required to implement additional BMPs in accordance with local ordinances and/or the MS4's Storm Water Management Plan.

In a situation where an LDEQ-approved or established TMDL has specified a general wasteload allocation applicable to construction storm water discharges, but no specific requirements for construction sites have been identified in the TMDL, the operator must consult with LDEQ to confirm that adherence to a storm water pollution prevention plan (SWPPP) that meets the requirements of this permit will be consistent with the approved TMDL. The SWPPP must clearly state which BMPs were selected for the site, including on and off-site construction support activities, and describe how the design and implementation of the selected BMPs are expected to ensure that storm water discharges from the construction site are in compliance with the established TMDL. If the LDEQ-approved or established TMDL specifically precludes such discharges, the operator is not eligible for coverage under this permit.

Where an LDEQ-approved or established TMDL has not specified a wasteload allocation applicable to construction storm water discharges, but has not specifically excluded these discharges, adherence to a SWPPP that meets the requirements of this permit will be considered to be consistent with the approved TMDL. Current TMDL reports are located on the Internet at:

<http://deq.louisiana.gov/page/tmdl-reports-and-models>

and at:

https://iaspub.epa.gov/tmdl_waters10/attains_impaired_waters.tmdls?p_state=LA.

Broadly stated, new or existing discharges of a particular pollutant are prohibited where there is a TMDL unless the discharge meets the requirements established in the TMDL. If a discharge is not/will not meet these requirements, the operator must seek coverage under an alternative permit. Where a discharger is already operating under the permit and is later discovered to cause or have the reasonable potential to cause or contribute to the violation of a state water quality standard, the permitting authority will notify the operator of such

violation(s) and the permittee shall take all necessary actions to ensure that future discharges do not cause, have the reasonable potential to cause, or contribute to the violation of a water quality standard and document these actions in the pollution prevention plan. If violations remain or recur, then coverage under the permit is automatically terminated and alternate coverage must be obtained. Compliance with this requirement does not preclude any enforcement activity as provided by the Louisiana Environmental Quality Act (La. R.S. 30:2001, et seq.) for the underlying violation.

In order to verify the impaired status of the waterbody and determine if any TMDLs have been established, the permit applicant shall consult the most recent Integrated Report (also referred to as the 305(b) Report) at: <http://deq.louisiana.gov/page/water-quality-integrated-report-305b303d> or obtain a copy of the report from the Office of Environmental Services, Water Permits Division.

(1) Exclusions

This general permit **shall not** apply to:

- a.** Storm water discharges associated with industrial activity that originate from the site after construction activities have been completed and the site has undergone final stabilization as defined in Part IX.
- b.** Non-storm water discharges (except certain non-storm water discharges specifically listed in this general permit). However, this permit can authorize storm water discharges from construction where the discharges are mixed with non-storm water discharges that are authorized by a different LPDES permit.
- c.** Storm water discharges from construction activities that are covered by an existing LPDES permit. However, any permittee covered by another permit may request that the other permit be terminated if the permitted source or activity is also eligible for coverage under this general permit. Upon written approval of that request by this Office, the permittee will be covered by this general permit, and the other permit terminated.
- d.** Storm water discharges from construction activities that LDEQ has determined to be causing, or has the reasonable potential to cause, or will contribute to a violation of a water quality standard.
- e.** Storm water discharges from construction activities, allowable non-storm water discharges, and storm water discharge-related activities, if the discharges are likely to adversely affect a listed endangered or threatened species or its critical habitat (unless in compliance with specific ESA related conditions in the permit).
- f.** Storm water discharges from construction activities and storm water discharge-related activities, if the discharges are not in compliance with the NHPA.

B. Obtaining Authorization

1. In order for storm water discharges from construction activities to be authorized to discharge under this general permit, an applicant must:
 - a. meet the Part I.A applicability requirements.
 - b. develop a SWPPP covering either the entire site or all portions of the site for which they are operators (see definition in Part IX) according to the requirements in Part IV (preparation and implementation of the Plan may be a cooperative effort where there is more than one operator at a site), and then
 - c. submit payment for the annual maintenance and surveillance fee(s) in accordance with Part I.C of this permit and a complete and accurate NOI in accordance with the requirements of Part II, using an NOI form provided by the State Administrative Authority (or a photocopy thereof). **Only one NOI needs to be submitted to cover all of the permittee's activities on the common plan of development or sale (e.g., you do not need to submit a separate NOI for each separate lot in a residential subdivision or for two separate buildings being constructed at a manufacturing facility, provided your SWPPP covers each area for which you are an operator.)** The SWPPP must be implemented upon commencement of construction activities.

Application for coverage shall be made by:

- a party having operational control over construction plans and specifications; and/or
- a party having day-to-day operational control over those activities at a project site which are necessary to ensure compliance with the SWPPP or other permit conditions.

When operational control over plans and specifications, and control over the day-to-day activities described above, are held by separate parties, each party shall submit an NOI. In cases with only one control party, that party alone is required to submit the NOI.

Operators will commonly consist of the owner or developer of a project (the party with control of project specifications) and the general contractor (the party with day to day operational control of the activities at the project site which are necessary to ensure compliance with the permit).

For subdivisions and commercial developments, an NOI shall be submitted by the owner/developer, the general contractor, and each individual builder within the subdivision or commercial development.

Any party with operational control over only a portion of a larger project (e.g., one of four homebuilders in a subdivision), must submit its own NOI and obtain its own permit authorization number. They may share a SWPPP with other permittees operating in the area of the larger project; however, each permittee is responsible for compliance with all conditions of this permit as it relates to their activities on their portion of the construction site. Each

permittee shall ensure either directly or through coordination with other permittees, that their activities do not render another party's pollutant discharge controls ineffective. Any party with operational control over only a portion of a larger project shall either implement their portion of a common SWPPP or develop and implement their own site specific SWPPP.

For more effective coordination of BMPs and opportunities for cost sharing, a cooperative effort by the different operators at a site to prepare and participate in a comprehensive SWPPP is encouraged. Individual operators at a site may, but are not required to develop separate SWPPPs that cover only their portion of the project provided reference is made to other operators at the site.

In instances where there is more than one SWPPP for a site, cooperation between the permittees is encouraged to ensure storm water discharge control measures are consistent with one another (e.g., provisions to protect listed species and critical habitat).

All permitted parties are responsible for compliance with all applicable conditions of this permit as it relates to your activities on your portion of the construction site, including protection of endangered species, critical habitat, and historic properties, and implementation of control measures described in the SWPPP.

Contractors and subcontractors who are under the general supervision of the general contractor are not considered operators and would not need to submit NOIs. The general contractor shall be responsible for submitting the NOI, implementing the SWPPP, and ensuring that contractors and subcontractors actions/activities do not render the general contractor's pollutant discharge controls ineffective.

2. For construction sites where the operator changes, or where a new operator is added after the submittal of an NOI under Part II, a new NOI must be submitted in accordance with Part II.
3. Unless notified by LDEQ to the contrary, all applicants who submit payment for the annual maintenance and surveillance fee(s) and a complete and accurate NOI in accordance with the requirements of this permit are authorized to discharge storm water from construction activities under the terms and conditions of the permit 48 hours after the receipt of the hand-delivered NOI with the payment of the annual maintenance and surveillance fee(s), 48 hours after the submittal of a payment of the annual maintenance and surveillance fee(s) and complete and accurate electronic NOI, or 48 hours after the postmark date on the envelope that contains the correct and accurate NOI with the payment of the annual maintenance and surveillance fee(s) by the Office of Environmental Services, Water Permits Division.

Operators who submit incomplete NOIs, NOIs without payment of the annual fee(s), or NOIs with errors will be notified and are not authorized to discharge storm water from construction activities until the errors or deficiencies have been corrected and the corrected NOI has been delivered to LDEQ.

If warranted, LDEQ may deny coverage under this general permit and require submittal of an application for an individual LPDES permit (see Part VI of this permit).

A printed hard copy of this permit may be obtained by contacting LDEQ's Water Permits Division at (225) 219-5337, or a copy can be downloaded from the LDEQ website at <http://deq.louisiana.gov/page/lpdes-water-permits>. Go through the following links to find the permit: Water – Permits – LPDES Permit Information – LAR100000 –. A printed hard copy of the Notice of Intent (NOI) can be downloaded from the LDEQ website at <http://deq.louisiana.gov/page/lpdes-water-permits>. Go through the following links to find the NOI form: Water – Permits – LPDES Forms – LPDES Permit Application Forms – CSW-G.

C. Annual Maintenance and Surveillance Fees

An annual maintenance and surveillance fee will be assessed for coverage under the permit. Permittees applying for coverage under the general permit shall select the time frame for which permit coverage is needed, a minimum of one year and up to five years. Prior to receiving coverage, the applicant(s) shall submit payment of the annual maintenance fee(s) for the entirety of the selected coverage (LAC 33:IX.1309.F and N).

1. The annual maintenance and surveillance fee(s) must be submitted with the NOI in accordance with the following time frames:
 - a. \$291.00 – 0 months – 1 year
 - b. \$582.00 – 2 years
 - c. \$873.00 – 3 years
 - d. \$1164.00 – 4 years
 - e. \$1455.00 – 5 years
2. Fees are due upon submission of the NOI. An NOI will not be declared administratively complete unless the associated fee has been paid in full.
3. Permittees will not receive annual invoices as the annual maintenance and surveillance fee(s) will be paid in advance as described above.

D. Notice of Extension (NOE)

If a continuation of coverage under this permit is needed beyond the selected number of years, permittees must submit a Notice of Extension 30 days before the expiration date of your permit. Please submit two copies (one original and one copy) of the completed and signed NOE Form.

1. The annual maintenance and surveillance fee(s) must be submitted with the NOE in accordance with the following time frames.
 - a. \$291.00 – 0 months – 1 year
 - b. \$582.00 – 2 years
 - c. \$873.00 – 3 years
 - d. \$1164.00 – 4 years
 - e. \$1455.00 – 5 years

Please note that authorizations under this general permit and/or extensions of coverage shall not exceed the 5 year term of the permit. However, the NOE form will be utilized for permittees covered under the previous LAR100000 and who wish to seek coverage under the reissued general permit. See Part I.E.5 for further information regarding permit expiration.

E. Terminating Coverage

1. Termination of coverage under the permit shall be automatic. The termination date shall be determined by the number of years selected by the permittee (see Part I.C above) and the date the NOI is received by the Water Permits Division. To clarify, an NOI that is received and processed on October 1, 2019, and where the applicant selected one year of coverage shall automatically terminate on September 30, 2020. The permittee is not required to submit a Notice of Termination. Permittees will be notified of the automatic termination date in the permit authorization letter.

The automatic termination date is an estimate provided by the owner and/or operator of when construction activities will be completed. The automatic termination date is not intended to allow additional time to comply with final stabilization requirements. If construction activities are completed prior to the termination date, the owner and/or operator must comply with final stabilization deadlines and requirements in Part IV.D.2.a(3) (see definition of final stabilization in Part IX) at the time construction activities have ceased.

2. One or more of the following conditions must be met by the termination date:
 - a. final stabilization (see definition in Part IX) has been achieved on all portions of the site for which the permittee is responsible (including, if applicable, returning agricultural land to its pre-construction agricultural use);
 - b. another operator/permittee has assumed control according to Part VI.D.10 over all areas of the site that have not been finally stabilized;
 - c. coverage under an individual or alternative general LPDES permit has been obtained; or
 - d. for residential construction only, temporary stabilization has been completed and the residence has been transferred to the homeowner.
3. If one or more of the above conditions are not met, the permittee must submit a Notice of Extension in accordance with Part I.D.
4. Enforcement actions may be taken if a permittee does not meet one or more of the above conditions by the termination date.
5. **The following conditions apply to owners and/or operators with effective permit authorizations at the time this permit is reissued.**
 - a. If a permittee received authorization to discharge under the previous LAR100000 general permit and the authorization of coverage has an expiration date of September 30, 2019, the

construction activity will be reauthorized under the reissued general permit for a period of 180 days (October 1, 2019-March 28, 2020). **If construction activities, including final stabilization, are expected to continue beyond March 28, 2020, the permittee must submit a Notice of Extension (NOE) by March 1, 2020, with payment of the surveillance and maintenance fee, in order to avoid a lapse in permit coverage.** In accordance with 40 CFR 122.28(b)(2)(vi) and LAC 33:IX.2515.B.2.f, currently permitted owners and/or operators shall be notified in writing of the requirements for continued coverage prior to permit reauthorization.

Part II. NOTICE OF INTENT REQUIREMENTS

A. Deadlines for Notification

1. Except as provided below in Parts II.A.3 and II.A.4, for parties required to obtain permit authorization, defined above in Part I.B.1, an initial complete and accurate Notice of Intent (NOI) with payment of the annual maintenance and surveillance fee(s) in accordance with the requirements of Part I.C must be received by this Office prior to the commencement of construction activities (i.e., the initial disturbance of soils associated with clearing, grading, excavation activities, or other construction activities).
2. Except as provided in Parts II.A.3 and II.A.4, for parties defined as operators solely due to their day-to-day operational control over those activities at a project site which are necessary to ensure compliance with the SWPPP or other permit conditions (e.g., general contractor, erosion control contractor, etc.), a complete and accurate NOI with payment of maintenance and surveillance fee(s) must be received by this Office prior to commencing work at the site.
3. For storm water discharges from construction sites where the operator changes, (including projects where an operator is added after an NOI has been submitted under Parts II.A.1 or II.A.2), a complete and accurate NOI with payment of the annual maintenance and surveillance fee(s) in accordance with the requirements of this Part I.C must be received by this Office from the new operator prior to when the new operator assumes operational control over site specifications or commences work at the site.
4. Applicants are not prohibited from submitting late completed NOIs. When a late completed NOI is submitted, authorization is only for discharges that occur after permit coverage is granted. The Agency reserves the right to bring appropriate enforcement actions for any unpermitted activities that may have occurred between the time construction commenced and authorization of future discharges is granted.
5. This permit replaces the LPDES General Permit for Storm Water Discharges from Construction Activities, issued September 3, 2014. **Current permitted owners and/or operators:** If a permittee received authorization to discharge under the previous LAR100000 general permit and the authorization of coverage has an expiration date of September 30, 2019, the construction activity will be reauthorized under the reissued general permit for a period of 180 days (October 1, 2019-March 28, 2020). **If construction activities, including final stabilization, are expected to continue beyond March 28, 2020, the permittee must submit a Notice of Extension (NOE) by March 1, 2020, with payment of the surveillance and maintenance fee, in order to avoid a lapse in permit coverage.** In accordance with 40 CFR 122.28(b)(2)(vi) and LAC 33:IX.2515.B.2.f, currently permitted owners and/or operators shall be notified in writing of the requirements for continued coverage prior to permit reauthorization.

B. Contents of Notice of Intent

The Notice(s) of Intent shall be signed in accordance with Part VI.D.10 of this permit and shall include at a minimum:

1. the name, address, and telephone number of the construction site owner or operator filing the NOI for permit coverage and operator status as a Federal, State, Tribal, private, or other public entity;
2. the name (or other identifier), street address (description of location if no street address is available), city, parish, and the latitude and longitude of the approximate center of the construction site/project for which the notification is submitted;
3. whether or not the construction project is located on Indian Lands;
4. a certification that a SWPPP, including both construction and post-construction controls, has been developed, and that the SWPPP is compliant with any applicable state and/or local sediment and erosion plans. (A copy of the plans or permits shall not be included with the NOI submission);
5. the location where the SWPPP may be viewed and the name and telephone number of a contact person for scheduling viewing times;
6. an estimate of project start date and selected number of years for which permit coverage is needed (i.e. the projected completion date is assumed to be “x” number of years after the estimated start date, as indicated by the permit applicant), estimates of the number of acres of the site on which soil will be disturbed, and the type of facility being constructed;
7. the name of the receiving water(s);
8. based on Appendix C of the NOI, whether the storm water runoff from the site will flow directly into a waterbody listed as an Outstanding Natural Resource Water (ONRW); (if the discharge will ultimately enter a Scenic Stream, the applicant is instructed to contact the Louisiana Department of Wildlife and Fisheries (LDWF) at 318-343-4044);
9. based on the instructions in Appendix A of the NOI, whether any listed or proposed threatened or endangered species, or designated critical habitat, are in proximity to the storm water discharges covered by this permit;
10. based on the instructions in Appendix B of the NOI, whether any properties listed or eligible for listing on the National Register of Historic Places under the National Historic Preservation Act are located on the construction site and whether the SHPO was involved in your determination of eligibility;
11. the permit number of any LPDES permit(s) for any discharge(s) (including any storm water discharges or any non-storm water discharges) from the site, to the extent available.
12. Should electronic NOIs become available during the term of this permit, the use of paper NOIs may be suspended. However, the applicants will be expected to continue to comply with the above requirements through the electronic submittal process.

C. Where to Submit

NOIs signed in accordance with Part VI.D.10 of this permit, are to be submitted to the State Administrative Authority at the following address:

Louisiana Department of Environmental Quality
Office of Environmental Services
P. O. Box 4313
Baton Rouge, LA 70821-4313
Attn: Water Permits Division

Current mailing addresses for the different Department offices are posted on the LDEQ web page at <http://www1.deq.louisiana.gov/portal/ABOUT/ContactInformation.aspx>.

Should electronic NOIs (e-NOIs) become available during the term of this permit, the Department may suspend use of paper NOIs.

Part III. SPECIAL CONDITIONS, MANAGEMENT PRACTICES, AND OTHER NON-NUMERIC LIMITATIONS

A. Prohibition on Non-Storm Water Discharges

1. Except as provided in Part I.A.2 and in items 2 and 3 below, all discharges covered by this permit shall be composed entirely of storm water associated with construction activity.
2. Discharges of material other than storm water that are in compliance with an LPDES permit (other than this permit) issued for that discharge may be mixed with discharges authorized by this permit.
3. The following non-storm water discharges are authorized by this permit provided the non-storm water component of the discharge is in compliance with Part IV.D.5 (Non-storm Water Discharges):
 - a. discharges from firefighting activities;
 - b. fire hydrant flushings;
 - c. waters used to wash vehicles where detergents, soaps, or solvents are not used;
 - d. waters used to control dust in accordance with Part IV.D.2.c.(2) – minimizing dust from vehicles;
 - e. potable water sources including uncontaminated waterline flushings;
 - f. routine external building washdown which does not use detergents, soaps, or solvents;
 - g. diverted stream flows;
 - h. pavement washwaters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled material has been removed) and where detergents are not used; directing pavement wash waters directly into any surface water, storm drain inlet, or storm water conveyance, unless the conveyance is connected to a sediment basin, sediment trap, or other effective control is prohibited;
 - i. uncontaminated air conditioning or compressor condensate;
 - j. uncontaminated and/or non-turbid ground water infiltration (as defined at 40 CFR 35.2005(20));
 - k. uncontaminated and/or non-turbid pumped ground water or spring water;
 - l. foundation or footing drains where flows are not contaminated with process materials such as solvents or contaminated groundwater;
 - m. uncontaminated excavation dewatering if the discharge is managed by an appropriate control; and
 - n. landscape irrigation.
4. The following dischargers are prohibited:
 - a. wastewater from washout of concrete, **unless managed by an appropriate control**;
 - b. wastewater from washout and cleanout of stucco, paint, form release oils, curing, compounds and other construction materials;
 - c. discharges related to concrete or asphalt batch plant operations located at the construction site. The presence of any such discharges require coverage by an alternative LPDES permit (e.g. LAG110000 or an individual permit);

- d. discharges from dewatering activities, including discharges from dewatering of trenches and excavations, **unless managed by an appropriate control**;
- e. fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance;
- f. soaps or solvents used in vehicle and equipment washing;
- g. storm water discharges that originate from the site after construction activities have been completed and the site, including any temporary support activity, has undergone final stabilization. Industrial post-construction storm water discharges may need to be covered by a separate LPDES permit; and
- h. discharges mixed with sources of non-storm water other than the discharges identified in and are in compliance with Part I.B.3. Any discharge authorized by a different LPDES permit may be commingled with discharges authorized by this permit.

B. Requirements for Notification

The discharge of hazardous substances or oil in the storm water discharge(s) from a site shall be prevented or minimized in accordance with the applicable storm water pollution prevention plan for the site. This permit does not relieve the permittee of the reporting requirements of LAC 33:I.3915 and LAC 33:I.3917.

1. Emergency Notification

The permittee shall report any unauthorized discharges which may endanger human health or the environment. As required by LAC 33:I.3915, in the event of an unauthorized discharge that does cause an emergency condition, the discharger shall notify the hotline (Department of Public Safety (DPS) 24-hour Louisiana Emergency Hazardous Materials Hotline) by telephone at (1-877-925-6595 (collect calls accepted 24 hours a day) immediately (reasonable period of time after taking prompt measures to determine the nature, quantity, and potential off-site impact of a release, considering the exigency of the circumstances), but in no case later than one hour after learning of the discharge. (An emergency condition is any condition which could reasonably be expected to endanger the health, safety of the public, cause significant adverse impact to the land, water, or air environment, or cause severe damage to property.) Notification required by this section will be made regardless of the amount of discharge. A written submission shall be provided within 7 calendar days after the telephone notification. Please note that discharges in direct noncompliance with LPDES permit conditions must also comply with the reporting requirements in LAC 33:IX.2701.L, which requires written notification within 5 days. The report shall contain information as required in Part VI.D.6 of this permit and compliance with the procedures in this part are required.

- 2. The LDEQ may waive the written report on a case-by-case basis, if the oral report has been received within 24 hours of the incident.
- 3. The SWPPP required under Part IV (Storm Water Pollution Prevention Plans) of this permit must be modified within 14 calendar days of knowledge of the release to: provide a description of the release, the circumstances leading to the release, and the date of the release. In addition, the plan must be reviewed to identify measures to prevent the recurrence of such releases and to respond to such releases, and the plan must be modified where appropriate.

C. Spills

This permit does not authorize the discharge of hazardous substances or oil resulting from an on-site spill. Spills resulting in an emergency condition or non-compliance under this general permit must be reported in accordance with LAC 33:I.3923 or LAC 33:IX.2701.A.

D. Discharge Compliance with Water Quality Standards

1. You must select, install, implement and maintain control measures at your construction site that minimize pollutants in the discharge as necessary to meet applicable water quality standards. In general, except in situations explained below, your storm water controls must be developed, implemented, and updated consistent with the other provisions of Part III. Your storm water controls must be as stringent as necessary to ensure that your discharges do not cause, have the reasonable potential to cause, or contribute to an excursion above any applicable water quality standard.
2. Operators covered under this permit shall not cause or have the reasonable potential to cause or contribute to a violation of a water quality standard. At any time after authorization, LDEQ may determine that your storm water discharges may cause, have reasonable potential to cause, or contribute to an excursion above any applicable water quality standard. If such a determination is made, LDEQ will require you to:
 - a. Modify your storm water controls in accordance with Part IV.C to address adequately the identified water quality concerns;
 - b. Submit valid and verifiable data and information that are representative of ambient conditions and indicate that the receiving water is attaining water quality standards; or
 - c. Cease discharge of pollutants from construction activity and submit an individual application.
3. All written responses required under this part must include a signed certification consistent with Part VI.D.10.
4. If violations remain or recur, then coverage under this permit may be terminated by the permitting authority and an alternative permit may be issued. Compliance with this requirement does not preclude any enforcement activity as provided by the Clean Water Act and Environmental Quality Act for the underlying violation.

E. Responsibilities of Operators

Permittees may meet one or both of the operational control components in the definition of “operator” found in Part IX (Definitions). Either Part III.E.1 or Part III.E.2 or both will apply depending on the type of operational control exerted by an individual permittee. Part III.E.3 applies to all permittees.

1. Permittee(s) with operational control over construction plans and specifications, including the ability to make modifications to those plans and specifications (e.g., developer or owner) must:

- a. ensure the project specifications that they develop meet the minimum requirements of Part IV (Storm Water Pollution Prevention Plans) and all other applicable conditions;
 - b. ensure that the SWPPP indicates the areas of the project where they have operational control over project specifications (including the ability to make modifications in the specifications), and ensure all other permittees implementing portions of the SWPPP impacted by any changes they make to the plan are notified of such modifications in a timely manner; and
 - c. ensure that the SWPPP, for portions of the project for which they are operators, indicates the name and LPDES permit number for parties with day-to-day operational control of those activities necessary to ensure compliance with the SWPPP or other permit conditions. If these parties have not been identified at the time the SWPPP is initially developed, the permittee with operational control over project specifications shall be considered to be the responsible party until such time as the authority is transferred to another party (e.g., general contractor) and the plan updated.
2. Permittee(s) with day-to-day operational control of those activities at a project which are necessary to ensure compliance with the SWPPP for the site or other permit conditions (e.g., general contractor) must:
 - a. ensure the SWPPP, for portions of the project for which they are operators, meets the minimum requirements of Part IV (Storm Water Pollution Prevention Plans) and identifies the parties responsible for implementation of control measures identified in the plan;
 - b. ensure that the SWPPP indicates areas of the project where they have operational control over day-to-day activities; and
 - c. ensure that the SWPPP, for portions of the project for which they are operators, indicates the name and LPDES permit number of the party(ies) with operational control over project specifications (including the ability to make modifications in the specifications).
3. Permittees with operational control over only a portion of a larger construction site (e.g., one of four homebuilders in a subdivision) are responsible for compliance with all applicable terms and conditions of this permit as it relates to their activities on their portion of the construction site, including: (1) protection of endangered and/or threatened species and their critical habitat (2) protection of historic sites listed and/or proposed to be listed on national and state registries and (3) implementation of BMPs and other controls required by the SWPPP. Permittees shall ensure either directly or through coordination with other permittees that their activities do not render another party's pollution controls ineffective. Permittees must either implement their portions of a common SWPPP or develop and implement their own SWPPP.

Part IV. STORM WATER POLLUTION PREVENTION PLANS

At least one storm water pollution prevention plan (SWPPP) shall be developed for each construction project or site covered by this permit. For more effective coordination of BMPs and opportunities for cost sharing, a cooperative effort by the different operators at a site to prepare and participate in a comprehensive SWPPP is encouraged. Individual operators at a site may, but are not required to, develop separate SWPPPs that cover only their portion of the project provided that reference is made to other operators at the site. In instances where there is more than one SWPPP for a site, coordination must be conducted between the permittees to ensure the storm water discharge controls and other measures are consistent with one another (e.g., provisions to protect listed species and critical habitat).

Storm water pollution prevention plans shall be prepared in accordance with good engineering practices. The SWPPP shall identify potential sources of pollution which may reasonably be expected to affect the quality of storm water discharges from the construction site. The SWPPP shall describe and ensure the implementation of practices which will be used to minimize the pollutants in storm water discharges associated with construction activity at the construction site and to assure compliance with the terms and conditions of this permit. When developing SWPPPs, applicants must follow the procedures in Addendum A of this permit to determine whether listed endangered and/or threatened species or critical habitat would be affected by the applicant's storm water discharges or storm water discharge-related activities. Any information on whether listed species or critical habitat is found in proximity to the construction site must be included in the SWPPP. Any terms or conditions that are imposed under the eligibility requirements of Part I.A.3.e and Addendum A of this permit to protect listed species or critical habitat from storm water discharges or storm water discharge-related activity must be incorporated into the SWPPP. The SWPPP must be implemented upon commencement of construction activities. Permittees must implement the applicable provisions of the SWPPP required under this Part as a condition of this permit. SWPPP templates may be found at: <http://deq.louisiana.gov/page/storm-water-protection>.

A. Deadlines for Plan Preparation and Compliance

The storm water pollution prevention plan shall:

1. Be completed prior to the submittal of an NOI to be covered under this permit (except as provided in Parts II.A.5) and updated as appropriate; and
2. Provide for compliance with the terms and schedule of the SWPPP beginning with the initiation of construction activities.

B. Signature, Plan Review and Making Plans Available

1. The SWPPP shall be signed in accordance with Part VI.D.10 (Signatory Requirements), and be retained on-site at the site which generates the storm water discharge in accordance with Part V (Retention of Records) of this permit.

2. The permittee shall post a notice near the main entrance of the construction site with the following information:
 - a. the LPDES permit number for the project or a copy of the NOI if a permit authorization number has not yet been assigned;
 - b. the name and telephone number of a local contact person;
 - c. a brief description of the project; and
 - d. the location of the SWPPP if the site is inactive or does not have an on-site location to store the plan.

If posting this information near a main entrance is infeasible due to safety concerns, the notice shall be posted in a local public building. If the construction project is a linear construction project (e.g., pipeline, highway, etc.), the notice must be placed in a publicly accessible location near where construction is actively underway and moved as necessary. This permit does not provide the public with any right to trespass on a construction site for any reason, including inspection of a site, nor does this permit require that permittees allow members of the public access to a construction site.

3. The permittee shall make SWPPPs available upon request to: the LDEQ; the local agency approving sediment and erosion plans, grading plans, or storm water management plans; local government officials; or to the operator of a municipal separate storm sewer receiving discharges from the site. The copy of the SWPPP that is required to be kept on-site (or locally available) must be made available to the LDEQ (or authorized representative) for review at the time of an on-site inspection. Also, in the interest of public involvement, the LDEQ encourages permittees to make their SWPPPs available to the public for viewing during normal business hours.
4. The LDEQ may notify the permittee (co-permittees) at any time that the SWPPP does not meet one or more of the minimum requirements of this Part. Such notification shall identify those provisions of this permit which are not being met by the SWPPP, and identify which provisions of the plan require modifications in order to meet the minimum requirements of this Part. Within 7 calendar days of receipt of such notification from the LDEQ, (or as otherwise provided by the LDEQ), or authorized representative, the permittee shall make the required changes to the plan and shall submit to the LDEQ a written certification that the requested changes have been made. The LDEQ may take appropriate enforcement action for the period of time the permittee was operating under a plan that did not meet the minimum requirements of the permit.

C. Keeping Plans Current

The permittee must amend the SWPPP within 7 calendar days whenever:

1. there is a change in design, construction, operation, or maintenance, which has or may have a significant effect on the discharge of pollutants to the waters of the State and which has not otherwise been addressed in the SWPPP;
2. inspections or investigations by site operators, local, state, or federal officials indicate the SWPPP is proving ineffective in eliminating or significantly minimizing pollutants from sources identified under Part IV.D.2 of this permit, or is otherwise not achieving the general objectives of controlling pollutants in storm water discharges associated with construction activity; and
3. the plan shall be amended to identify any new contractor and/or subcontractor that will implement a measure of the SWPPP (see Part IV.E). The plan must also be amended to address any measures necessary to protect endangered and/or threatened species and their critical habitat, and historic sites listed and/or proposed to be listed on national and state registries, if applicable. Amendments to the plan may be reviewed by the LDEQ in the same manner as Part IV.B above.

D. Contents of Plan

The SWPPP shall include the following items:

1. **Site Description** Each SWPPP shall provide a description of potential pollutant sources and other information as indicated below:
 - a. a description of the nature of the construction activity and function of the project (i.e., highway, mall, etc.);
 - b. a description of the intended sequence and timing of major activities (i.e. initial land clearing, installing sewer lines, roads, major buildings) which disturb soils for major portions (i.e. defined phases of a subdivision) of the site (e.g., grubbing, excavation, grading, utilities and infrastructure installation, etc);
 - c. estimates of the total area of the site and the total area of the site that is expected to be disturbed by excavation, grading, or other activities including off-site borrow and fill areas;
 - d. an estimate of the runoff coefficient of the site for both the pre-construction and post-construction conditions and data describing the soil or the quality of any discharge from the site;
 - e. a general location map (e.g., portion of a city or county map or other map with enough detail to identify the location of the construction site and waters of the United States within one mile of the site);
 - f. a site map indicating drainage patterns and approximate slopes anticipated after major grading activities, areas of soil disturbance, an outline of areas which will not be disturbed, the location of major structural and nonstructural controls identified in the SWPPP, locations of off-site material, waste, borrow or equipment storage areas, surface waters

- (including wetlands), locations where storm water is discharged to a surface water; the location of areas where stabilization practices are expected to occur;
- g.** the location and description of any allowable non-storm water discharges covered by the permit;
 - h.** the name of the receiving water(s), and areal extent and description of wetland or other special aquatic sites at or near the site which will be disturbed or which will receive discharges from disturbed areas of the project;
 - i.** a copy of the permit requirements (may simply attach a copy of this permit);
 - j.** information on whether listed endangered and/or threatened species and/or critical habitat are found in proximity to the construction activity and whether such species or critical habitat may be affected by the applicant's storm water discharges or storm water discharge-related activities;
 - k.** documentation supporting the determination of permit eligibility with regard to Permit Part I.A.3.f (National Historic Preservation Act), including:
 - (1)** information on whether storm water discharges or storm water discharge-related activities would have an effect on a property that is listed or proposed to be listed on the National Register of Historic Places or state registries;
 - (2)** where effects may occur, any written agreements made between the operator and the SHPO to mitigate those effects;
 - (3)** results of the Addendum B historic places screening determinations; and
 - (4)** a description of measures necessary to avoid or minimize adverse impacts on places listed, or eligible for listing, on the National Register of Historic Places, including any terms or conditions that are imposed under the eligibility requirements of Part I.A.3.f of this permit.
 - l.** documentation supporting the determination of documentation supporting the determination of permit eligibility and compliance with Part I.A.3.g with regards to discharges to waters that are impaired and/or have and LDEQ-established or approved TMDL, including:
 - (1)** identification of whether your discharge is identified, either specifically or generally, in an LDEQ-established or approved TMDL and any associated allocations, requirements, and assumptions identified for your discharge;
 - (2)** summaries of consultation with the LDEQ authorities on consistency of SWPPP conditions with the approved TMDL; and
 - (3)** measures taken to ensure that the discharge of pollutants for the site is consistent with Water Quality Standards and the assumption and requirements of the LDEQ-

established or approved TMDL, including any specific wasteload allocation that has been established that would apply to your discharge.

2. Controls

Each SWPPP shall include a description of all appropriate control measures (i.e., structural and non-structural BMPs) that will be installed and implemented as part of the construction activities and construction support activities to control pollutants in storm water discharges. The SWPPP must clearly describe for each major activity identified in Part IV.D.1.b: a) appropriate control measures and the general timing (or sequence) during the construction process that the measures will be implemented; and b) which permittee is responsible for implementation (e.g., perimeter controls for one portion of the site will be installed by Contractor A after the clearing and grubbing necessary for installation of the measure, but before the clearing and grubbing for the remaining portions of the site. Perimeter controls will be actively maintained by Contractor B until final stabilization of those portions of the site upward of the perimeter control. Temporary perimeter controls will be removed by Owner after final stabilization).

In a situation where an LDEQ-approved or established TMDL has specified a general wasteload allocation applicable to construction storm water discharges, but no specific requirements for construction sites have been identified in the TMDL, the SWPPP must specifically state which BMPs were selected for the site and describe how the design and implementation of the selected BMPs are expected to ensure that storm water discharges from the construction site are in compliance with the approved or established TMDL.

The description and implementation of control measures shall address the following minimum components:

a. Erosion and Sediment Controls

(1) Short and Long Term Goals and Criteria:

- (a) The construction-phase erosion and sediment controls shall be designed to retain sediment on site to the maximum extent practicable.
- (b) All control measures must be properly selected, installed, and maintained in accordance with the manufacturer's specifications and good engineering practices. If periodic inspections or other information indicates a control has been used inappropriately, or incorrectly, the permittee must replace or modify the control for site situations (see Part IV.D.3 and 4). For additional guidance, see EPA's recommendations for silt fences (<https://www3.epa.gov/npdes/pubs/siltfences.pdf>) and SWPPPs (https://www3.epa.gov/npdes/pubs/sw_swppp_guide.pdf).
- (c) If sediments escape the construction site, off-site accumulations of sediment must be removed at a frequency sufficient to minimize off-site impacts (e.g., fugitive sediment on the street could be washed into storm sewers by the next rain and/or pose a safety hazard to users of public streets).

- (d) Sediment must be removed from sediment traps or sedimentation ponds when design capacity has been reduced by 50%.
 - (e) Trapped sediment must be removed from a silt fence before the deposit reaches 50 percent of the above-ground fence height (or before it reaches a lower height based on manufacturer's specifications.)
 - (f) Off-site material storage areas (also including overburden and stockpiles of dirt, borrow areas, etc.) used solely by the permitted project are considered a part of the project and shall be addressed in the SWPPP.
- (2) Effluent limitations reflecting the best practicable technology currently available (BPT) (40 CFR 450.21 (a)) shall, at a minimum, include the design of effective erosion and sediment controls to minimize the discharge of pollutants installed and maintained to:
- (a) Control storm water volume and velocity to minimize soil erosion in order to minimize pollutant discharges.
 - (b) Control storm water discharges, including both peak flow rates and total storm water volume to minimize channel and stream bank erosion and scour in the immediate vicinity of discharge points.
 - (c) Minimize amount of soil exposed during construction activity.
 - (d) Unless infeasible, preserve topsoil. Preserving topsoil is not required where the intended function of a specific area of the site dictates that the topsoil be disturbed or removed.
 - (e) Minimize the disturbance of steep slopes.
 - (f) Minimize sediment discharge from the site: design, install and maintain erosion and sediment controls to address factors such as the amount, frequency, intensity and duration of precipitation, the nature of the resulting storm water runoff, and soil characteristics, including the range of soil particle sizes expected to be present on the site.
 - (g) Provide and maintain natural buffers around waters of the state, direct storm water to the vegetated areas and maximize storm water infiltration to reduce pollutant discharges, unless infeasible;
 - i. A buffer zone of sufficient width to reduce pollutant discharges and minimize erosion shall be maintained between disturbed areas and all waters of the state;
 - ii. For discharges to waters designated as Outstanding Natural Resource Waters, permittees are required to maintain at a minimum a 100-foot natural buffer

zone between any disturbance and all edges of the receiving water as means of providing adequate protection to receiving waters, unless infeasible. Additional buffer zone/riparian requirements may be imposed through a Louisiana Department of Wildlife and Fisheries Scenic River permit.

- iii. For discharges to waters that are listed as impaired (Category 5 or 4a) on the most recent Integrated Report for sedimentation/siltation or turbidity AND where the suspected source is site clearance (land development or redevelopment), permittees are required to maintain at a minimum a 50-foot natural buffer zone between any disturbance and all edges of the receiving water as means of providing adequate protection to receiving waters, unless infeasible. This requirement does not supersede any additional requirements of a waste load allocation, per Part I.A.3.g of this permit. The most recent Integrated Report (also referred to as the 305(b) Report) can be found at: <http://deq.louisiana.gov/page/water-quality-integrated-report-305b303d>.
- iv. If the buffer zone between any disturbance and the edge of the receiving water on all edges of the water body cannot be maintained due to site constraints, an adequately protective alternate practice may be employed, or a combination of alternative practices with a narrower buffer zone. The SWPPP shall explain any alternate practices and how these practices are adequately protective. Such cases include, but are not limited to, redevelopment in an urban setting or construction of water features, such as: docks, bridges, levees, dams, and dredge and fill areas.

- (h) Minimize soil compaction. Minimizing soil compaction is not required where the intended function of a specific area of the site dictates that it be compacted.
- (i) When discharging storm water from settling basins or impoundments, utilize outlet structures that withdraw water from the surface of the basin or impoundment, unless infeasible.

(3) Stabilization Practices

The SWPPP must include a description of interim and permanent stabilization practices for the site, including a site-specific scheduling of the implementation of the practices. Site plans shall ensure that existing vegetation is preserved where attainable and that disturbed portions of the site are stabilized. Final stabilization practices may include, but are not limited to: establishment of permanent self-sustaining perennial vegetation, mulching, geotextiles, sod stabilization, vegetative buffer strips, protection of trees, preservation of mature vegetation, and other appropriate measures. Use of impervious surfaces for stabilization should be avoided.

The following records shall be maintained and attached to the SWPPP: the dates when major grading activities occur; the dates when construction activities temporarily or permanently cease on a portion of the site; and the dates when stabilization measures are initiated.

- (a) Deadline to Initiate Stabilization Measures. Stabilization measures shall be initiated immediately in portions of the site where clearing, grading, excavating or other earth disturbing activities have permanently ceased on any portion of the site or temporarily ceased and will not resume for a period exceeding 14 calendar days. For the purposes of this permit, “immediately” is interpreted to mean no later than the next work day. Where construction activity on a portion of the site is temporarily ceased, and earth disturbing activities will be resumed within 14 days, stabilization measures do not have to be initiated on that portion of site.

For the purposes of this permit, the types of activities that constitute the initiation of stabilization include, but are not limited to:

- i. prepping the soil for vegetative or non-vegetative stabilization;
 - ii. applying mulch or other non-vegetative product to the exposed area;
 - iii. seeding or planting the exposed area;
 - iv. starting any of the activities in # 1 – 3 on a portion of the area to be stabilized, but not on the entire area; and
 - v. finalizing arrangements to have stabilization product fully installed in compliance with the applicable deadline for completing stabilization.
- (b) Deadline to Complete Installation of Stabilization Measures. As soon as practicable, but no later than 14 calendar days after the initiation of soil stabilization measures, you are required to have completed:
- i. For vegetative stabilization, all activities necessary to initially seed or plant the area to be stabilized; and/or
 - ii. For non-vegetative stabilization, the installation or application of all such non-vegetative measures.

In extenuating circumstances and per 40 CFR 450.21(b), stabilization must be completed within the time period as follows: in areas experiencing droughts where the completion of stabilization measures by the 14th day after construction activity has temporarily or permanently ceased is precluded by seasonal arid conditions, stabilization measures shall be completed as soon as practicable. These extenuating circumstances must be documented in the SWPPP.

In general, you shall be aware that final stabilization often takes time (weeks or even months), especially during times of low rainfall or during the colder months of the year. You must continue routine inspections until you have met the final stabilization requirements of the permit. **“Final stabilization” is defined/described in Part IX of the permit.**

- (c) Deadlines for projects that are affected by circumstances beyond the control of the permittee that delay the initiation and/or completion of vegetative stabilization. If you are unable to meet the deadlines in sections (a) or (b) above due to circumstances

beyond your control, and you are using vegetative cover for temporary or permanent stabilization, you may comply with the following stabilization deadlines instead:

- i. Immediately initiate, and within 14 calendar days complete, the installation of temporary **non-vegetative** stabilization measures to prevent erosion;
- ii. Complete all soil conditioning, seeding, watering or irrigation installation, mulching, and other required activities related to the planting and initial establishment of vegetation as soon as conditions or circumstances allow it on your site; and
- iii. Document the circumstances that prevent you from meeting the deadlines required in sections (a) and (b) and the schedule you will follow for initiating and completing stabilization.

(4) Structural Practices

The SWPPP must include a description of structural practices to divert flows from exposed soils, retain flows or otherwise limit runoff and the discharge of pollutants from exposed areas of the site to the degree attainable. Such practices may include but are not limited to: silt fences, earth dikes, drainage swales, sediment traps, check dams, subsurface drains, pipe slope drains, level spreaders, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems, gabions, and temporary or permanent sediment basins. Placement of structural practices in floodplains shall be avoided to the degree attainable. The installation of these devices may be subject to Section 404 of the CWA.

- (a) For common drainage locations that serve an area with 10 or more acres disturbed at one time, a temporary (or permanent) sediment basin providing storage for a calculated volume of runoff from a 2 year, 24 hour storm from each disturbed acre drained, or equivalent control measures, shall be provided where attainable until final stabilization (see Part IX) of the site. The 3,600 cubic feet of storage area per acre drained does not apply to flows from off-site areas and flows from on-site areas that are either undisturbed or have undergone final stabilization where such flows are diverted around both the disturbed area and the sediment basin.

In determining whether installing a sediment basin is attainable, the permittee may consider factors such as site soils, slope, available area on-site, etc. In any event, the permittee must consider public safety, especially as it relates to children, as a design factor for the sediment basin would preclude a safe design. For drainage locations which serve 10 or more disturbed acres at one time and where a temporary sediment basin or equivalent controls is not attainable, smaller sediment basins and/or sediment traps shall be used. Where neither the sediment basin nor equivalent controls are attainable due to site limitations, silt fences, vegetative buffer strips, or equivalent sediment controls are required for all downslope boundaries of the construction area and for those side slope boundaries deemed appropriate as dictated by individual site conditions. LDEQ encourages the use of a combination of sediment and erosion control measures in order to achieve maximum pollutant removal.

- (b) For drainage locations serving less than 10 acres, small sediment basins and/or sediment traps shall be used. At a minimum, silt fences, vegetative buffer strips, or equivalent sediment controls are required for all downslope boundaries (and those side slope boundaries deemed appropriate as dictated by individual site conditions) of the construction area unless a sediment basin providing storage for a calculated volume of runoff from a 2 year, 24-hour storm or 3,600 cubic feet of storage per acre drained is provided.

b. Storm Water Management

A description of measures that will be installed during the construction process to control pollutants in storm water discharges that will occur after construction operations have been completed must be included in the SWPPP. Structural measures shall be placed on upland soils to the degree attainable. The installation of these devices may also require a separate permit under Section 404 of the CWA. Permittees are only responsible for the installation and maintenance of storm water management measures until final stabilization is achieved, and are not responsible for maintenance after storm water discharges associated with construction activity have been eliminated from the site. You shall be aware that final stabilization often takes time (weeks or even months), especially during times of low rainfall or during the colder months of the year. You must continue routine inspections until you have met the final stabilization requirements of the permit (see Part IX). However, post-construction storm water BMPs that discharge pollutants from point sources once construction is completed may need authorization under a separate LPDES permit.

- (1) Such practices may include, but are not limited to: storm water detention structures (including wet ponds); storm water retention structures; flow attenuation by use of open vegetated swales and natural depressions; infiltration of runoff on site; and sequential systems (which combine several practices). The SWPPP shall include an explanation of the technical basis used to select the practices to control pollution where flows exceed pre-development levels.
- (2) Velocity dissipation devices may be needed at discharge locations and along the length of any outfall channel for the purpose of providing a non-erosive velocity flow from the structure to a water course so that the natural physical and biological characteristics and functions are maintained and protected (e.g., no significant changes in the hydrological regime of the receiving water).

c. Other Controls

- (1) No solid materials, including building materials, shall be discharged to waters of the State, except as authorized by a permit issued under Section 404 of the CWA. "Solid materials" refers to such items as boards, wrapping materials, bricks and concrete debris, and land clearing debris such as leaves and tree limbs, but does not include total suspended solids.
- (2) Off-site vehicle tracking of sediments and the generation of dust shall be minimized.

- (3) The SWPPP shall ensure and demonstrate compliance with applicable state and/or local waste disposal, sanitary sewer or septic system regulations to the extent these are located within the permitted area.
- (4) The SWPPP shall include a narrative description of construction and waste materials expected to be stored on site, with updates as appropriate. The SWPPP shall also include a description of controls developed to reduce pollutants from these materials including storage practices to minimize exposure of the materials to storm water runoff and precipitation and spill prevention and response.
- (5) The SWPPP shall include a description of pollutant sources from areas other than construction and a description of controls and measures that will be implemented at those sites to minimize pollutant discharges.
- (6) The SWPPP shall include a description of measures necessary to protect endangered and/or threatened species and their critical habitat, and historic sites listed and/or proposed to be listed on national and state registries that are imposed under the eligibility requirements of Part I.A.3.e, Part I.A.3.f, Addendum A, and Addendum B of this permit. Failure to describe and implement such measures will result in the storm water discharges from the construction activities being ineligible for coverage under this permit.
- (7) The SWPPP shall identify appropriate controls and measures to minimize discharges from the support activity areas.
- (8) Effective pollution prevention measures must be designed, installed, implemented, and maintained to minimize:
 - i. Discharges of pollutants from equipment and vehicle washing, wheel wash water, and other wash waters. Prior to discharge wash waters must be treated in a sediment basin or an alternative control that provides equivalent or better treatment;
 - ii. Trash, construction waste, building materials and products, landscape materials, fertilizers, pesticides, herbicides, detergents, sanitary waste and other materials on the site exposed to precipitation and to storm water runoff. Minimization of exposure is not required in cases where the exposure to precipitation and to storm water runoff will not result in a discharge of pollutants, or, where exposure of a specific material or product poses little risk of storm water contamination (such as final products and materials intended for outdoor use); and
 - iii. Discharges of pollutants from spills and leaks and implement chemical spill and leak prevention and response procedures.

d. Approved State or Local Plans

- (1) Permittees which discharge storm water associated with construction activities must include in their SWPPP the procedures and requirements which are specified in

applicable sediment and erosion site plans or site permits, or storm water management site plans or site permits approved by state or local officials.

- (2) Permittees which discharge storm water associated with construction activities must include in their SWPPP any measures that result from agreements from the Louisiana State Historic Preservation Officer or tribal historic preservation offices.
- (3) SWPPPs must be updated as necessary to reflect any changes which are applicable to protecting surface water resources in the sediment and erosion site plans or site permits, or storm water management site plans or site permits approved by State, or local officials for which the permittee receives written notice.

3. Maintenance

A description of procedures to ensure the timely maintenance of vegetation, erosion and sediment control measures, and other protective measures identified in the site plan are in good and effective operating condition must be provided. Maintenance needs identified in inspections or by other means shall be accomplished before the next anticipated storm event, or as necessary to maintain the continued effectiveness of storm water controls. If maintenance prior to the next anticipated storm event is impracticable, maintenance must be scheduled and accomplished as soon as practicable. Employees and subcontractors as necessary shall be made aware of the applicable control measures implemented at the site so that they follow applicable procedures.

4. Inspections

Except for linear or remote projects as discussed below, qualified personnel (provided by the permittee or cooperatively by multiple permittees) shall inspect the construction site in accordance with one of the two schedules listed below. Areas to be inspected include disturbed areas that have not been finally stabilized; areas used for storage of materials that are exposed to precipitation and storm water runoff; structural and non-structural control measures; and locations where vehicles enter or exit the site. You must specify in the SWPPP which schedule you will follow and the schedule must be adhered to throughout the term of the permit.

- At least once every 7 days, or
- At least once every 14 calendar days, before anticipated storm events (or series of storm events such as intermittent showers over one or more days) and within 24 hours of the end of a storm event of 0.5 inches or greater.

Employees and subcontractors, as necessary, shall be made aware of the applicable control measures implemented at the site so that they follow applicable procedures.

Because linear or remote, unmanned projects often cannot be inspected from stabilized locations without damage to BMPs or re-vegetation efforts, these operators have the option of either 1) conducting regular visual inspections every 14 days, or 2) performing visual inspections within 24 hours following a storm event of 0.5 inches or greater. The option

selected by the operator must be identified in the SWPPP and must be adhered to throughout the term of permit coverage.

- a. Disturbed areas and areas used for storage of materials that are exposed to precipitation and storm water runoff shall be inspected for evidence of, or the potential for, pollutants entering the drainage system. All storm water control measures identified in the SWPPP shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in meeting water quality standards and preventing significant impacts to the receiving waters. Where discharge locations are inaccessible, nearby downstream locations must be inspected to the extent that such inspections are practicable. Locations where vehicles enter or exit the site shall be inspected for evidence of off-site sediment tracking.
- b. Based on the results of the inspection, the site description identified in the plan in accordance with Part IV.D.1 of this permit and pollution prevention measures identified in the plan in accordance with Part IV.D.2 of this permit shall be revised as appropriate, but in no case later than seven calendar days following the inspection. Such modifications shall provide for timely implementation of any changes to the plan within seven calendar days following the inspection.
- c. For each inspection required above, you must complete an inspection report. At a minimum, the inspection report must include:
 1. The inspection date;
 2. Names, titles, and qualifications of personnel making the inspection;
 3. Weather information for the period since the last inspection (or since commencement of construction activity if the first inspection) including a best estimate of the beginning of each storm event, duration of each storm event, approximate amount of rainfall for each storm event (in inches), and whether any discharges occurred;
 4. Weather information and a description of any discharges occurring at the time of the inspection;
 5. Location(s) of discharges of sediment or other pollutants from the site;
 6. Location(s) of BMPs that failed to operate as designed or proved inadequate for a particular location;
 7. Location(s) of BMPs that need to be maintained;
 8. Location(s) where additional BMPs are needed that did not exist at the time of inspection; and
 9. Corrective action required including implementation dates.

The inspection report which includes the information listed in items 1-9 above and all actions taken in accordance with Part IV.D.4.b of the permit shall be made within 7 calendar days and retained as part of the SWPPP for at least three years from the date that the site is finally stabilized. Such reports shall identify any incidents of non-compliance. Where a report does not identify any incidents of non-compliance, the report shall contain a certification that the site is in compliance with the SWPPP and this permit. The report shall be signed in accordance with Part VI.D.10 of this permit.

5. Non-Storm Water Discharges

Except for flows from firefighting activities, sources of non-storm water listed in Parts I.A.2 and III.A.2 and 3 of this permit that are combined with storm water discharges associated with construction activity must be identified in the plan. The plan shall identify and ensure the implementation of appropriate pollution prevention measures to reduce and/ or eliminate the non-storm water component(s) of the discharge.

E. Contractor and Subcontractor Responsibilities

You must either implement your portion of a common SWPPP or develop and implement your own SWPPP. In instances where there is more than one SWPPP for a site, cooperation between the permittees is encouraged to ensure the storm water discharge control measures are consistent with one another (e.g., provisions to protect endangered and/or threatened species and their critical habitat, and historic sites listed and/or proposed to be listed on national and state registries). You must ensure either directly or through coordination with other permittees, that your activities do not render another party's pollutant discharge controls ineffective.

- 1. Contractors and Subcontractors Implementing Storm Water Control Measures.** The SWPPP must clearly identify for each control measure included in the plan, the party that will implement the measure. The permittee(s) shall ensure that all contractors and subcontractors are identified in the plan as being responsible for implementing storm water control measures.
- 2. Contractors and Subcontractors Impacting Storm Water Control Measures.** The permittee shall ensure that contractor(s) and subcontractor(s) who will conduct activities which might impact the effectiveness of control measures, but who do not meet the definition of "operator" (Part IX), are identified in the plan and which control measures might be impacted.
- 3. Utility Companies.** The SWPPP must clearly identify, for each control measure identified in the plan relating to the installation of utility service, the party that will implement the measure.

F. Wash Water from Concrete Trucks

- 1. Concrete wash water from rinsing the chute.** Wash water generated during the rinsing of the chute of a concrete truck at a construction site may be rinsed if managed by an appropriate control structure, such as into a trap on the ground at the construction site. This activity usually generates a *de minimis* quantity of wash water that can be easily managed at the construction site. The rinsing activity must be done in such a manner that there is no runoff of rinse water from the construction site (unless managed by an appropriate control), especially into surface drainage, storm sewers, or surface waters. Contractors may follow EPA guidance (<https://www3.epa.gov/npdes/pubs/concretewashout.pdf>) for rinsing out the chute of a concrete mixer and hoppers of concrete pumps at a construction site, provided they understand that the wash out structure is temporary and must be cleaned out and removed from the site when the construction project is completed. If a contractor follows the EPA guidance for rinsing out the chute of a concrete mixed and hoppers of concrete pumps at a construction site, he must contact the LDEQ Solid Waste Permits Section to determine if additional

environmental protection regulations govern the containment and storage of the wash out material at the construction site.

2. **Concrete wash out from the drum. The permit does not authorize the discharge of drum washout water at a construction site.** More wash water is generated during the wash out of the drum of a concrete truck than is generated during the rinsing of the chute. The drum of a concrete truck shall be washed out at a ready mix concrete plant that is permitted to discharge the wash water.

Part V. RETENTION OF RECORDS

A. Documents

The permittee shall retain copies of SWPPPs and all records and reports required by this permit, and records of all data used to complete the NOI to be covered by this permit, for a period of at least three years from the date that the site is finally stabilized. This period may be extended by request of LDEQ at any time.

B. Accessibility

The permittee shall retain a copy of the SWPPP required by this permit (including a copy of the permit language) at the construction site (or other local site accessible to LDEQ and the public) from the date of project initiation to the date of final stabilization. The permittees with day-to-day operational control over SWPPP implementation shall have a copy of the plan available at a central location on-site for the use of all operators and those identified as having responsibilities under the plan whenever they are on the construction site. A copy of the plan must be readily available to inspectors during normal business hours.

C. Addresses

All written correspondence concerning discharges in Louisiana from any site covered under this permit, including the submittal of individual permit applications, shall be identified by agency interest number and/or permit number, if one is assigned, and sent to the address below.

Louisiana Department of Environmental Quality
Office of Environmental Services
P. O. Box 4313
Baton Rouge, LA 70821-4313
Attn: Water Permits Division

Part VI. STANDARD PERMIT CONDITIONS

A. General Conditions

1. Introduction

In accordance with the provisions of LAC 33:IX.2701, et seq., this permit incorporates either expressly or by reference ALL conditions and requirements applicable to the Louisiana Pollutant Discharge Elimination System Permits (LPDES) set forth in the Louisiana Environmental Quality Act (LEQA), as amended, as well as ALL applicable regulations.

2. Duty to Comply

The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Clean Water Act (CWA) and the Louisiana Environmental Quality Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

3. Penalties for Violation of Permit Conditions

a. La. R. S. 30:2025 provides for civil penalties for violations of these regulations and the Louisiana Environmental Quality Act. La. R. S. 30:2076.2 provides for criminal penalties for violation of any provisions of the LPDES or any order or any permit condition or limitation issued under or implementing any provisions of the LPDES program. (See Section E. Penalties for Violation of Permit Conditions for additional details).

b. Any person may be assessed an administrative penalty by the State Administrative Authority under La. R. S. 30:2025 for violating a permit condition or limitation implementing any of the requirements of the LPDES program in a permit issued under the regulations or the Louisiana Environmental Quality Act.

4. Toxic Pollutants

a. Other effluent limitations and standards under Sections 301, 302, 303, 307, 318, and 405 of the Clean Water Act. If any applicable toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is promulgated under Section 307(a) of the Clean Water Act for a toxic pollutant and that standard or prohibition is more stringent than any limitation on the pollutant in this permit, the state administrative authority shall institute proceedings under these regulations to modify or revoke and reissue the permit to conform to the toxic effluent standard or prohibition.

b. The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants and with standards for sewage sludge use or disposal established under Section 405(d) of the Clean Water Act within the time provided in the regulations that establish these standards or prohibitions, or standards for sewage sludge use or disposal, even if the permit has not yet been modified to incorporate the requirement.

5. Duty to Reapply

- a. Individual Permits. If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. The new application shall be submitted at least 180 days before the expiration date of the existing permit, unless permission for a later date has been granted by the state administrative authority. (The state administrative authority shall not grant permission for applications to be submitted later than the expiration date of the existing permit.) Continuation of expiring permits shall be governed by regulations promulgated at LAC 33:IX.2321 and any subsequent amendments.
- b. General Permits. General permits expire five years after the effective date. The 180-day reapplication period as defined above is not applicable to general permit authorizations. Reissued general permits may provide automatic coverage for permittees authorized under the previous version of the permit, and no new application is required. Requirements for obtaining authorization under the reissued general permit will be outlined in Part I of the new permit. Permittees authorized to discharge under an expiring general permit should follow the requirements for obtaining coverage under the new general permit to maintain discharge authorization.

6. Permit Action

This permit may be modified, revoked and reissued, or terminated for cause in accordance with LAC 33:IX.2903, 2905, 2907, 3105 and 6509. The causes may include, but are not limited to, the following:

- a. Noncompliance by the permittee with any condition of the permit;
- b. The permittee's failure in the application or during the permit issuance process to disclose fully all relevant facts, or the permittee's misrepresentation of any relevant facts at any time; or
- c. A determination that the permitted activity endangers human health or the environment and can only be regulated to acceptable levels by permit modification or termination;
- d. A change in any condition that requires either a temporary or a permanent reduction or elimination of any discharge;
- e. Failure to pay applicable fees under the provisions of LAC 33: IX. Chapter 13;
- f. Change of ownership or operational control.

The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition.

7. Property Rights

This permit does not convey any property rights of any sort, or any exclusive privilege, nor does it authorize any injury to private or public property, nor any infringement of federal, state, or local laws or regulations.

8. Duty to Provide Information

The permittee shall furnish to the state administrative authority, within a reasonable time, any information which the state administrative authority may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The permittee shall also furnish to the state administrative authority, upon request, copies of records required to be kept by this permit.

9. Criminal and Civil Liability

Except as provided in permit conditions on "Bypassing" and "Upsets", nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance. Any false or materially misleading representation or concealment of information required to be reported by the provisions of the permit, the Act, or applicable regulations, which avoids or effectively defeats the regulatory purpose of the Permit may subject the Permittee to criminal enforcement pursuant to La. R.S. 30:2025.

10. Oil and Hazardous Substance Liability

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under Section 311 of the Clean Water Act.

11. State Laws

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable State law or regulation under authority preserved by Section 510 of the Clean Water Act.

12. Severability

If any provision of these rules and regulations, or the application thereof, is held to be invalid, the remaining provisions of these rules and regulations shall not be affected, so long as they can be given effect without the invalid provision. To this end, the provisions of these rules and regulations are declared to be severable.

13. Dilution

A permittee shall not achieve any effluent concentration by dilution unless specifically authorized in the permit. A permittee shall not increase the use of process water or cooling water or otherwise attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve permit limitations or water quality.

14. Facilities Requiring Approval from Other State Agencies

In accordance with La. R.S.40.4(A)(6) the plans and specifications of all sanitary sewerage treatment systems, both public and private, must be approved by the Louisiana Department of Health state health officer or his designee. It is unlawful for any person, firm, or corporation, both municipal and private to operate a sanitary sewage treatment facility without proper authorization from the state health officer.

In accordance with La. R.S.40.1149, it is unlawful for any person, firm or corporation, both municipal and private, operating a sewerage system to operate that system unless the competency of the operator is duly certified by the Louisiana Department of Health state health officer. Furthermore, it is unlawful for any person to perform the duties of an operator without being duly certified.

In accordance with La. R.S.48.385, it is unlawful for any industrial wastes, sewage, septic tanks effluent, or any noxious or harmful matter, solid, liquid or gaseous to be discharged into the side or cross ditches or placed upon the rights-of-ways of state highways without the prior written consent of the Department of Transportation and Development chief engineer or his duly authorized representative and of the secretary of the Louisiana Department of Health.

15. The standards provided in Chapter 11 – Surface Water Quality Standards are official regulations of the state, and any person who discharges pollutants to the waters of the state in such quantities as to cause these standards to be violated shall be subject to the enforcement procedures of the state as specified in R.S. 30:2025.

B. Proper Operation and Maintenance

1. Need to Halt or Reduce not a Defense

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

2. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any discharge or sludge use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. The permittee shall also take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with the permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

3. Proper Operation and Maintenance

- a. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit.
- b. The permittee shall provide an adequate operating staff which is duly qualified to carry out operation, maintenance and other functions necessary to ensure compliance with the conditions of this permit.

4. Bypass of Treatment Facilities

- a. **Bypass.** The intentional diversion of waste streams from any portion of a treatment facility.

b. Bypass not exceeding limitations. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Section B.4.c. and 4.d of these standard conditions.

c. Notice

(1) Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Office of Environmental Services, Water Permits Division, if possible at least ten days before the date of the bypass.

(2) Unanticipated bypass. The permittee shall submit notice of an unanticipated bypass as required in LAC 33:IX.2701.L.6 (24-hour notice) and Section D.6.e. of these standard conditions.

d. Prohibition of bypass

(1) Bypass is prohibited, and the state administrative authority may take enforcement action against a permittee for bypass, unless:

(a) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;

(b) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and,

(c) The permittee submitted notices as required by Section B.4.c of these standard conditions.

(2) The state administrative authority may approve an anticipated bypass after considering its adverse effects, if the state administrative authority determines that it will meet the three conditions listed in Section B.4.d(1) of these standard conditions.

5. Upset Conditions

a. Upset. An exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

b. Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology-based permit effluent limitations if the requirements of Section B.5.c. are met. No determination made during administrative review of claims that noncompliance was caused by an upset, and before an action for noncompliance, is final administrative action subject to judicial review.

- c. Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
- (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
 - (2) The permitted facility was at the time being properly operated; and
 - (3) The permittee submitted notice of the upset as required by LAC 33:IX.2701.L.6.b.ii. and Section D.6.e.(2) of these standard conditions; and
 - (4) The permittee complied with any remedial measures required by Section B.2 of these standard conditions.
- d. Burden of proof. In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.

6. Removed Substances

Solids, sewage sludges, filter backwash, or other pollutants removed in the course of treatment or wastewater control shall be properly disposed of in a manner such as to prevent any pollutant from such materials from entering waters of the state and in accordance with environmental regulations.

7. Percent Removal

For publicly owned treatment works, the 30-day average percent removal for Biochemical Oxygen Demand and Total Suspended Solids shall not be less than 85 percent in accordance with LAC 33:IX.5905.A.3. and B.3. Publicly owned treatment works utilizing waste stabilization ponds/oxidation ponds are not subject to the 85 percent removal rate for Total Suspended Solids.

C. Monitoring and Records

1. Inspection and Entry

The permittee shall allow the state administrative authority or an authorized representative (including an authorized contractor acting as a representative of the Administrator), upon the presentation of credentials and other documents as may be required by the law to:

- a. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit.

Enter upon the permittee's premises where a discharge source is or might be located or in which monitoring equipment or records required by a permit are kept for inspection or sampling purposes. Most inspections will be unannounced and should be allowed to begin immediately, but in no case shall begin more than thirty (30) minutes after the time the inspector presents his/her credentials and announces the purpose(s) of the inspection. Delay in excess of thirty (30) minutes shall constitute a violation of this permit. However, additional time can be granted if the inspector or the Administrative Authority determines that the circumstances warrant such action; and

- b. Have access to and copy, at reasonable times, any records that the department or its authorized representative determines are necessary for the enforcement of this permit. For records maintained in either a central or private office that is open only during normal office hours and is closed at the time of inspection, the records shall be made available as soon as the office is open, but in no case later than the close of business the next working day;
 - c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
 - d. Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act or the Louisiana Environmental Quality Act, any substances or parameters at any location.
 - e. Sample Collection
 - (1) When the inspector announces that samples will be collected, the permittee may be given an additional thirty (30) minutes to prepare containers in order to collect duplicates. If the permittee cannot obtain and prepare sample containers within this time, he is considered to have waived his right to collect duplicate samples and the sampling will proceed immediately. Further delay on the part of the permittee in allowing initiation of the sampling will constitute a violation of this permit.
 - (2) At the discretion of the administrative authority, sample collection shall proceed immediately (without the additional 30 minutes described in Section C.1.a. above) and the inspector shall supply the permittee with a duplicate sample.
 - f. It shall be the responsibility of the permittee to ensure that a facility representative familiar with provisions of its wastewater discharge permit, including any other conditions or limitations, be available either by phone or in person at the facility during all hours of operation. The absence of such personnel on-site who are familiar with the permit shall not be grounds for delaying the initiation of an inspection except in situations as described in Section C.1.b. of these standard conditions. The permittee shall be responsible for providing witnesses/escorts during inspections. Inspectors shall abide by all company safety rules and shall be equipped with standard safety equipment (hard hat, safety shoes, safety glasses) normally required by industrial facilities.
 - g. Upon written request copies of field notes, drawings, etc., taken by department personnel during an inspection shall be provided to the permittee after the final inspection report has been completed.
2. Representative Sampling
Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. All samples shall be taken at the outfall location(s) indicated in the permit. The state administrative authority shall be notified prior to any changes in the outfall location(s). Any changes in the outfall location(s) may be subject to modification, revocation and reissuance in accordance with LAC 33:IX.2903.
3. Retention of Records
Except for records of monitoring information required by this permit related to the permittee's

sewage sludge use and disposal activities, which shall be retained for a period of at least five years (or longer as required by 40 CFR 503), the permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the sample, measurement, report, or application. This period may be extended by request of the state administrative authority at any time.

4. Record Contents

Records of monitoring information shall include:

- a. The date, exact place, and time of sampling or measurements;
- b. The individual(s) who performed the sampling or measurements;
- c. The date(s) analyses were performed;
- d. The time(s) analyses were begun;
- e. The individual(s) who performed the analyses;
- f. The analytical techniques or methods used;
- g. The results of such analyses; and
- h. The results of all quality control procedures.

5. Monitoring Procedures

a. Monitoring must be conducted according to test procedures approved under 40 CFR Part 136 or, in the case of sludge use or disposal, approved under 40 CFR Part 136 unless otherwise specified in 40 CFR Part 503, unless other test procedures have been specified in this permit.

b. The permittee shall calibrate and perform maintenance procedures on all monitoring and analytical instruments at intervals frequent enough to ensure accuracy of measurements and shall maintain appropriate records of such activities.

c. The permittee or designated laboratory shall have an adequate analytical quality assurance/quality control program to produce defensible data of known precision and accuracy. All quality control measures shall be assessed and evaluated on an on-going basis and quality control acceptance criteria shall be used to determine the validity of the data. All method specific quality control as prescribed in the method shall be followed. If quality control requirements are not included in the method, the permittee or designated laboratory shall follow the quality control requirements as prescribed in the Approved Edition (40 CFR Part 136) Standard Methods for the Examination of Water and Wastes, Sections 1020A and 1020B. General sampling protocol shall follow guidelines established in the "Handbook for Sampling and Sample Preservation of Water and Wastewater, 1982" U.S. Environmental Protection Agency. This publication is available from the National Service Center for Environmental Publications

<https://nepis.epa.gov/Exe/ZyNET.exe/30000QSA.TXT?ZyActionD=ZyDocument&Client=EP&Index=1981+Thru+1985&Docs=&Query=&Time=&EndTime=&SearchMethod=1&To cRestrict=n&Toc=&TocEntry=&QField=&QFieldYear=&QFieldMonth=&QFieldDay=&Int QFieldOp=0&ExtQFieldOp=0&XmlQuery=&File=D%3A%5Czyfiles%5CIndex%20Data%5C81thru85%5CTxt%5C00000001%5C30000QSA.txt&User=ANONYMOUS&Password=anonymous&SortMethod=h%7C->

[&MaximumDocuments=1&FuzzyDegree=0&ImageQuality=r75g8/r75g8/x150y150g16/i425&Display=hpfr&DefSeekPage=x&SearchBack=ZyActionL&Back=ZyActionS&BackDesc=Results%20page&MaximumPages=1&ZyEntry=1&SeekPage=x&ZyPURL.](#)

6. Flow Measurements

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the volume of monitored discharges. The devices shall be installed, calibrated, and maintained to ensure that the accuracy of the measurements is consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than 10% from true discharge rates throughout the range of expected discharge volumes. Guidance in selection, installation, calibration and operation of acceptable flow measurement devices can be obtained from the following references:

- a. "A Guide to Methods and Standards for the Measurement of Water Flow, 1975," U.S. Department of Commerce, National Bureau of Standards. This publication is available from the National Technical Information Service (NTIS), Springfield, VA 22161, Phone number (800) 553-6847. Order by NTIS publication number COM-75-10683.

<https://www.govinfo.gov/content/pkg/GOVPUB-C13-a301a5f6bf6ec378b4fab9c626c03e2/pdf/GOVPUB-C13-a301a5f6bf6ec378b4fab9c626c03e2.pdf>

- b. "Flow Measurement in Open Channels and Closed Conduits, Volumes 1 and 2," U.S. Department of Commerce, National Bureau of Standards. This publication is available from the National Technical Service (NTIS), Springfield, VA, 22161, Phone number (800) 553-6847. Order by NTIS publication number PB-273 535.

Volume 1 - <https://www.govinfo.gov/content/pkg/GOVPUB-C13-c0f8a094b9fcc5c32be685edbd48f942/pdf/GOVPUB-C13-c0f8a094b9fcc5c32be685edbd48f942.pdf>

Volume 2 - <https://www.govinfo.gov/content/pkg/GOVPUB-C13-b3daf36f1cc0f770bc04d66da5cdc937/pdf/GOVPUB-C13-b3daf36f1cc0f770bc04d66da5cdc937.pdf>

- d. "NPDES Compliance Flow Measurement Manual," U.S. Environmental Protection Agency, Office of Water Enforcement. This publication is available from the National Technical Information Service (NTIS), Springfield, VA 22161, Phone number (800) 553-6847. Order by NTIS publication number PB-82-131178.

<https://nepis.epa.gov/Exe/ZyNET.exe/9101TZLK.TXT?ZyActionD=ZyDocument&Client=EPA&Index=1981+Thru+1985&Docs=&Query=&Time=&EndTime=&SearchMethod=1&To cRestrict=n&Toc=&TocEntry=&QField=&QFieldYear=&QFieldMonth=&QFieldDay=&Int QFieldOp=0&ExtQFieldOp=0&XmlQuery=&File=D%3A%5Czyfiles%5CIndex%20Data%5C81thru85%5CTxt%5C00000026%5C9101TZLK.txt&User=ANONYMOUS&Password=anonymous&SortMethod=h%7C-&MaximumDocuments=1&FuzzyDegree=0&ImageQuality=r75g8/r75g8/x150y150g16/i425&Display=hpfr&DefSeekPage=x&SearchBack=ZyActionL&Back=ZyActionS&BackDesc=Results%20page&MaximumPages=1&ZyEntry=1&SeekPage=x&ZyPURL>

7. Prohibition for Tampering: Penalties

- a. La. R.S. 30:2025 provides for punishment of any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit.
- b. La. R.S. 30:2076.2 provides for penalties for any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or non-compliance.

8. Additional Monitoring by the Permittee

If the Permittee monitors any pollutant more frequently than required by the permit using test procedures approved under 40 CFR Part 136 (See LAC 33:IX.4901) or, in the case of sludge use and disposal, approved under 40 CFR Part 136 (See LAC 33:IX.4901) unless otherwise specified in 40 CFR Part 503, or as specified in the permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR or sludge reporting form specified by the state administrative authority.

9. Averaging of Measurements

Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified by the state administrative authority in the permit.

10. Laboratory Accreditation

- a. LAC 33:I.Subpart 3, Chapters 45-59 provide requirements for an accreditation program specifically applicable to commercial laboratories, wherever located, that provide chemical analyses, analytical results, or other test data to the department, by contract or by agreement, and the data is:
 - (1) Submitted on behalf of any facility, as defined in La. R.S.30:2004;
 - (2) Required as part of any permit application;
 - (3) Required by order of the department;
 - (4) Required to be included on any monitoring reports submitted to the department;
 - (5) Required to be submitted by contractor
 - (6) Otherwise required by department regulations.
- b. The department laboratory accreditation program, Louisiana Environmental Laboratory Accreditation Program (LELAP) is designed to ensure the accuracy, precision, and reliability of the data generated, as well as the use of department-approved methodologies in generation of that data. Laboratory data generated by commercial environmental laboratories that are not (LELAP) accredited will not be accepted by the department. Retesting of analysis will be required by an accredited commercial laboratory.

Where retesting of effluent is not possible (i.e. data reported on DMRs for prior month's sampling), the data generated will be considered invalid and in violation of the LPDES permit.

- c. Regulations on the Louisiana Environmental Laboratory Accreditation Program and a list of labs that have applied for accreditation are available on the department website located under LDEQ→About LDEQ→Public Participation and Permit Support→LA Lab Accreditation at

the following link::

<http://deq.louisiana.gov/page/la-lab-accreditation>

Questions concerning the program may be directed to (225) 219-3247.

D. Reporting Requirements

1. Facility Changes

The permittee shall give notice to the state administrative authority as soon as possible of any planned physical alterations or additions to the permitted facility. Notice is required only when:

- a. The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in 40 CFR 122.29(b); or
- b. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements under LAC 33:IX.2703.A.1.
- c. For Municipal Permits. Any new introduction of pollutants into the POTW from an indirect discharger which would be subject to Section 301, or 306 of the CWA if it were directly discharging those pollutants; and any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit. In no case are any new connections, increased flows, or significant changes in influent quality permitted that will cause violation of the effluent limitations specified herein.

2. Anticipated Noncompliance

The permittee shall give advance notice to the state administrative authority of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

3. Transfers

This permit is not transferable to any person except after notice to the state administrative authority. The state administrative authority may require modification or revocation and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary under the Clean Water Act or the Louisiana Environmental Quality Act. (See LAC 33:IX.2901; in some cases, modification or revocation and reissuance is mandatory.)

A permit may be transferred by the permittee to a new owner or operator only if: (1)the permit has been modified or revoked and reissued (under LAC 33:IX.2903.A.2.b) by the permittee and new owner submitting a Name/Ownership/Operator Change Form (NOC-1 Form) and approved by LDEQ (LAC 33:I.Chapter 19); or (2) a minor modification made (under LAC 33:IX.2905) to identify the new permittee and incorporate such other requirements as may be necessary under the Clean Water Act and the Louisiana Environmental Quality Act.

The NOC-1 form can be found using the pathway LDEQ → Water → LPDES Application Forms at the following link: <http://deq.louisiana.gov/page/lpdes-water-permits>

4. Monitoring Reports

Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be submitted through a department-approved electronic document receiving system (NetDMR) in accordance with LAC 33:I.Chapter 21 unless the state administrative authority gives written authorization to the permittee to submit monitoring results in an alternative format such as paper DMRs.

Information about NetDMR and gaining access can be viewed using the pathway LDEQ → Water → NETDMR on the department's website at: <http://deq.louisiana.gov/page/netdmr>

The permittee shall submit properly completed Discharge Monitoring Reports (DMRs) using the format specified in the permit.

If authorized to report using an alternative format such as paper DMRs, then preprinted DMRs will be provided to majors/92-500s and other designated facilities. Please contact the Permit Compliance Unit concerning preprints. Self-generated DMRs must be pre-approved by the Permit Compliance Unit prior to submittal. Self-generated DMRs are approved on an individual basis. Requests for approval of self-generated DMRs should be submitted to:

Supervisor, Permit Compliance Unit
Office of Environmental Compliance
Post Office Box 4312
Baton Rouge, LA 70821-4312

5. Compliance Schedules

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.

6. Requirements for Notification

a. Emergency Notification

As required by LAC 33.I.3915, in the event of an unauthorized discharge that does cause an emergency condition, the discharger shall notify the hotline (DPS 24-hour Louisiana Emergency Hazardous Materials Hotline) by telephone at (877) 925-6595 (collect calls accepted 24 hours a day) immediately (a reasonable period of time after taking prompt measures to determine the nature, quantity, and potential off-site impact of a release, considering the exigency of the circumstances), but in no case later than one hour after learning of the discharge. (An emergency condition is any condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water, or air environment, or cause severe damage to property.) Notification required by this section will be made regardless of the amount of discharge. Prompt Notification Procedures are listed in Section D.6.c. of these standard conditions.

A written report shall be provided within seven calendar days after the notification. The report shall contain the information listed in Section D.6.d. of these standard conditions and any additional information in LAC 33:I.3925.B.

b. Prompt Notification

As required by LAC 33:I.3917, in the event of an unauthorized discharge that exceeds a reportable quantity specified in LAC 33:I.Subchapter E, but does not cause an emergency condition, the discharger shall promptly notify DPS by telephone at (877) 925-6595 (collect calls accepted 24 hours a day) within 24 hours after learning of the discharge.

In the event of an unauthorized discharge that requires notification, the DPS 24-hour Louisiana Emergency Hazardous Materials Hotline will notify the Department of Environmental Quality.

In accordance with LAC 33:I.3923, notifications not required by LAC 33:I.3915 or 3917 shall be provided to the department within a time frame not to exceed 24 hours, or as specified by the specific regulation or permit provision requiring the notification, and shall be given to SPOC, as follows:

- (1) by the Online Incident Reporting screens found at <http://deq.louisiana.gov/page/file-a-complaint-report-an-incident>; or
- (2) by e-mail utilizing the Incident Report Form and instructions found at <http://deq.louisiana.gov/page/single-point-of-contact>; or
- (3) by telephone at (225) 219-3640 during office hours, or (225) 342-1234 after hours and on weekends and holidays.

c. Content of Prompt Notifications. The following guidelines will be utilized as appropriate, based on the conditions and circumstances surrounding any unauthorized discharge, to provide relevant information regarding the nature of the discharge:

- (1) the name of the person making the notification and the telephone number where any return calls from response agencies can be placed;
- (2) the name and location of the facility or site where the unauthorized discharge is imminent or has occurred, using common landmarks. In the event of an incident involving transport, include the name and address of the transporter and generator;
- (3) the date and time the incident began and ended, or the estimated time of continuation if the discharge is continuing;
- (4) the extent of any injuries and identification of any known personnel hazards that response agencies may face;
- (5) the common or scientific chemical name, the U.S. Department of Transportation hazard classification, and the best estimate of amounts of any and all discharged pollutants;
- (6) a brief description of the incident sufficient to allow response agencies to formulate their level and extent of response activity.

d. Written Notification Procedures. Written reports for any unauthorized discharge that requires notification under Section D.6.a. or 6.b., or shall be submitted by the discharger to the Office of Environmental Compliance, SPOC in accordance with LAC 33:I.3925 within seven calendar days after the notification required by D.6.a. or 6.b., unless otherwise provided for in a valid

permit or other department regulation. Written notification reports shall include, but not be limited to, the following information:

- (1) the name, address, telephone number, Agency Interest (AI) number (number assigned by the department) if applicable, and any other applicable identification numbers of the person, company, or other party who is filing the written report, and specific identification that the report is the written follow-up report required by this section;
- (2) the time and date of prompt notification, the state official contacted when reporting, the name of person making that notification, and identification of the site or facility, vessel, transport vehicle, or storage area from which the unauthorized discharge occurred;
- (3) date(s), time(s), and duration of the unauthorized discharge and, if not corrected, the anticipated time it is expected to continue;
- (4) details of the circumstances (unauthorized discharge description and root cause) and events leading to any unauthorized discharge, including incidents of loss of sources of radiation, and if the release point is subject to a permit:
 - (a) the current permitted limit for the pollutant(s) released; and
 - (b) the permitted release point/outfall ID.
- (5) the common or scientific chemical name of each specific pollutant that was released as the result of an unauthorized discharge, including the CAS number and U.S. Department of Transportation hazard classification, and the best estimate of amounts of any and all released pollutants (total amount of each compound expressed in pounds, including calculations);
- (6) a statement of the actual or probable fate or disposition of the pollutant or source of radiation and what off-site impact resulted;
- (7) remedial actions taken, or to be taken, to stop unauthorized discharges or to recover pollutants or sources of radiation.
- (8) Written notification reports shall be submitted to the Office of Environmental Compliance, SPOC by mail or fax. The transmittal envelope and report or fax cover page and report should be clearly marked “**UNAUTHORIZED DISCHARGE NOTIFICATION REPORT.**”

Written reports (LAC 33:I.3925) should be mailed to:

Louisiana Department of Environmental Quality
Post Office Box 4312
Baton Rouge, LA 70821-4312
ATTENTION: OFFICE OF ENVIRONMENTAL COMPLIANCE – SPOC
"UNAUTHORIZED DISCHARGE NOTIFICATION REPORT"

The Written Notification Report may also be faxed to the Louisiana Department of Environmental Quality, Office of Environmental Compliance, Single Point of Contact at: (225)-219-3708.

Please see LAC 33:I.3925.B for additional written notification procedures.

- e. Twenty-four Hour Reporting. The permittee shall report any noncompliance which may endanger human health or the environment. Any information shall be provided orally within

24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. The following shall be included as information which must be reported within 24 hours:

- (1) Any unanticipated bypass which exceeds any effluent limitation in the permit (see LAC 33:IX.2701.M.3.b.);
- (2) Any upset which exceeds any effluent limitation in the permit;
- (3) Violation of a maximum daily discharge limitation for any of the pollutants listed by the state administrative authority in Part II of the permit to be reported within 24 hours (LAC 33:IX.2707.G.).

7. Other Noncompliance

The permittee shall report all instances of noncompliance not reported under Section D.4., 5., and 6., at the time monitoring reports are submitted. The reports shall contain the information listed in Section D.6.e.

8. Other Information

Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the state administrative authority, it shall promptly submit such facts or information.

9. Discharges of Toxic Substances

In addition to the reporting requirements under Section D.1-8, all existing manufacturing, commercial, mining, and silvicultural dischargers must notify the Office of Environmental Services, Water Permits Division as soon as they know or have reason to believe:

- a. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant:
 - i. listed at LAC 33:IX.7107, Tables II and III (excluding Total Phenols) which is not limited in the permit, if that discharge will exceed the highest of the following notification levels:
 - (1) One hundred micrograms per liter (100 µg/L);
 - (2) Two hundred micrograms per liter (200 µg/L) for acrolein and acrylonitrile; five hundred micro-grams per liter (500 µg/L) for 2,4 -dinitro-phenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/L) for antimony;
 - (3) Five (5) times the maximum concentration value reported for that pollutant in the permit application in accordance with LAC33:IX.2501.G.7; or
 - (4) The level established by the state administrative authority in accordance with LAC 33:IX.2707.F; or
 - ii. which exceeds the reportable quantity levels for pollutants at LAC 33:I. Subchapter E.
- b. That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant:
 - i. listed at LAC 33:IX.7107, Tables II and III (excluding Total Phenols) which is not limited in the permit, if that discharge will exceed the highest of the following "notification

levels":

- (1) Five hundred micrograms per liter (500 µg/L);
- (2) One milligram per liter (1 mg/L) for antimony;
- (3) Ten (10) times the maximum concentration value reported for that pollutant in the permit application in accordance with LAC 33:IX.2501.G.7; or
- (4) The level established by the state administrative authority in accordance with LAC 33:IX.2707.F; or

ii. which exceeds the reportable quantity levels for pollutants at LAC 33:I. Subchapter E.

10. Signatory Requirements

All applications, reports, or information submitted to the state administrative authority shall be signed and certified.

a. All permit applications shall be signed as follows:

- (1) For a corporation - by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means:
 - (a) A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation; or,
 - (b) The manager of one or more manufacturing, production, or operating facilities, provided: the manager is authorized to make management decisions that govern the operation of the regulated facility, including having the explicit or implicit duty of making major capital investment recommendations and initiating and directing other comprehensive measures to ensure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and the authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

NOTE:DEQ does not require specific assignments or delegations of authority to responsible corporate officers identified in Section D.10.a(1)(a). The agency will presume that these responsible corporate officers have the requisite authority to sign permit applications unless the corporation has notified the state administrative authority to the contrary. Corporate procedures governing authority to sign permit applications may provide for assignment or delegation to applicable corporate positions under Section D.10.a(1)(b) rather than to specific individuals.

- (2) For a partnership or sole proprietorship - by a general partner or the proprietor, respectively; or
- (3) For a municipality, state, federal, or other public agency - by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a federal agency includes:
 - (a) The chief executive officer of the agency, or
 - (b) A senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrators of EPA).

- b. All reports required by permits and other information requested by the state administrative authority shall be signed by a person described in Section D.10.a., or by a duly authorized representative of that person. A person is a duly authorized representative only if:
 - (1) The authorization is made in writing by a person described in Section D.10.a. of these standard conditions;
 - (2) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company, (a duly authorized representative may thus be either a named individual or an individual occupying a named position; and,
 - (3) The written authorization is submitted to the state administrative authority.
- c. Changes to authorization. If an authorization under Section D.10.b. is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of Section D.10.b. must be submitted to the state administrative authority prior to or together with any reports, information, or applications to be signed by an authorized representative.
- d. Certification. Any person signing a document under Section D.10. a. or b. above, shall make the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

11. Availability of Reports

All recorded information (completed permit application forms, fact sheets, draft permits, or any public document) not classified as confidential information under La. R.S. 30:2030(A) and 30:2074(D) and designated as such in accordance with these regulations (LAC 33:IX.2323 and LAC 33:IX.6503) shall be made available to the public for inspection and copying during normal working hours in accordance with the Public Records Act, La. R.S. 44:1 et seq.

Claims of confidentiality for the following will be denied:

- a. The name and address of any permit applicant or permittee;
- b. Permit applications, permits, and effluent data.
- c. Information required by LPDES application forms provided by the state administrative authority under LAC 33:IX.2501 may not be claimed confidential. This includes information submitted on the forms themselves and any attachments used to supply information required by the forms.

E. Penalties for Violation of Permit Conditions

1. Criminal

a. Negligent Violations

The Louisiana Revised Statutes La. R. S. 30:2076.2 provides that any person who negligently violates any provision of the LPDES, or any order issued by the secretary under the LPDES, or any permit condition or limitation implementing any such provision in a permit issued under the LPDES by the secretary, or any requirement imposed in a pretreatment program approved under the LPDES is subject to a fine of not less than \$2,500 nor more than \$25,000 per day of violation, or by imprisonment for not more than 1 year, or both. If a conviction of a person is for a violation committed after a first conviction of such person, he shall be subject to a fine of not more than \$50,000 per day of violation, or imprisonment of not more than two years, or both.

b. Knowing Violations

The Louisiana Revised Statutes La. R. S. 30:2076.2 provides that any person who knowingly violates any provision of the LPDES, or any permit condition or limitation implementing any such provisions in a permit issued under the LPDES, or any requirement imposed in a pretreatment program approved under the LPDES is subject to a fine of not less than \$5,000 nor more than \$50,000 per day of violation, or imprisonment for not more than 3 years, or both. If a conviction of a person is for a violation committed after a first conviction of such person, he shall be subject to a fine of not more than \$100,000 per day of violation, or imprisonment of not more than six years, or both.

c. Knowing Endangerment

The Louisiana Revised Statutes La. R. S. 30:2076.2 provides that any person who knowingly violates any provision of the LPDES, or any order issued by the secretary under the LPDES, or any permit condition or limitation implementing any of such provisions in a permit issued under the LPDES by the secretary, and who knows at that time that he thereby places another person in imminent danger of death or serious bodily injury, shall, upon conviction, be subject to a fine of not more than \$250,000, or by imprisonment for not more than 15 years, or both. A person which is an organization shall, upon conviction of violating this Paragraph, be subject to a fine of not more than one million dollars. If a conviction of a person is for a violation committed after a first conviction of such person under this Paragraph, the maximum punishment shall be doubled with respect to both fine and imprisonment.

d. False Statements

The Louisiana Revised Statutes La. R. S. 30:2076.2 provides that any person who knowingly makes any false material statement, representation, or certification in any application, record, report, plan, or other document filed or required to be maintained under the LPDES or who knowingly falsifies, tampers with, or renders inaccurate, any monitoring device or method required to be maintained under the LPDES, shall, upon conviction, be subject to a fine of not more than \$10,000, or imprisonment for not more than 2 years, or both. If a conviction of a person is for a violation committed after a first conviction of such person under this Subsection, he shall be subject to a fine of not more than \$20,000 per day of violation, or imprisonment of not more than 4 years, or both.

2. Civil Penalties

The Louisiana Revised Statutes La. R. S. 30:2025 provides that any person found to be in violation of any requirement of this Subtitle may be liable for a civil penalty, to be assessed by the secretary, an assistant secretary, or the court, of not more than the cost to the state of any response action made necessary by

such violation which is not voluntarily paid by the violator, and a penalty of not more than \$32,500 for each day of violation. However, when any such violation is done intentionally, willfully, or knowingly, or results in a discharge or disposal which causes irreparable or severe damage to the environment or if the substance discharged is one which endangers human life or health, such person may be liable for an additional penalty of not more than one million dollars.

(PLEASE NOTE: These penalties are listed in their entirety in Subtitle II of Title 30 of the Louisiana Revised Statutes.)

F. Definitions

All definitions contained in Section 502 of the Clean Water Act shall apply to this permit and are incorporated herein by reference. Additional definitions of words or phrases used in this permit are as follows:

1. Clean Water Act (CWA) means the Clean Water Act (formerly referred to as the Federal Water Pollution Control Act or the Federal Water Pollution Control Act Amendments of 1972) Pub.L.92-500, as amended by Pub.L. 95-217, Pub.L. 95-576, Pub.L. 96-483 and Pub.L. 97-117, 33 U.S.C. 1251 et. seq.).
2. Accreditation means the formal recognition by the department of a laboratory's competence wherein specific tests or types of tests can be accurately and successfully performed in compliance with all minimum requirements set forth in the regulations regarding laboratory accreditation.
3. Administrator means the Administrator of the U.S. Environmental Protection Agency, or an authorized representative.
4. Applicable Standards and Limitations means all state, interstate and federal standards and limitations to which a discharge is subject under the Clean Water Act, including, effluent limitations, water quality standards of performance, toxic effluent standards or prohibitions, best management practices, and pretreatment standards under Sections 301, 302, 303, 304, 306, 307, 308 and 403.
5. Applicable water quality standards means all water quality standards to which a discharge is subject under the Clean Water Act.
6. Commercial Laboratory means any laboratory, wherever located, that performs analyses or tests for third parties for a fee or other compensation and provides chemical analyses, analytical results, or other test data to the department. The term commercial laboratory does not include laboratories accredited by the Louisiana Department of Health in accordance with La. R.S.49:1001 et seq.
7. Daily Discharge means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with

limitations expressed in terms of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the sampling day. For pollutants with limitations expressed in other units of measurement, the daily discharge is calculated as the average measurement of the pollutant over the sampling day. Daily discharge determination of concentration made using a composite sample shall be the concentration of the composite sample.

8. Daily Maximum discharge limitation means the highest allowable "daily discharge".
9. Director means the U.S. Environmental Protection Agency Regional Administrator, or the state administrative authority, or an authorized representative.
10. Domestic septage means either liquid or solid material removed from a septic tank, cesspool, portable toilet, Type III marine sanitation device, or similar treatment works that receives only domestic sewage. Domestic septage does not include liquid or solid material removed from a septic tank, cesspool, or similar treatment works that receives either commercial wastewater or industrial wastewater and does not include grease removed from grease trap at a restaurant.
11. Domestic sewage means waste and wastewater from humans, or household operations that is discharged to or otherwise enters a treatment works.
12. Environmental Protection Agency or (EPA) means the U.S. Environmental Protection Agency.
13. Grab sample means an individual sample collected over a period of time not exceeding 15 minutes, unless more time is needed to collect an adequate sample, and is representative of the discharge.
14. Industrial user means a nondomestic discharger, as identified in 40 CFR 403, introducing pollutants to a publicly owned treatment works.
15. LEQA means the Louisiana Environmental Quality Act.
16. Loading, is presented in the permit and reported in the DMR as the total amount of a pollutant entering the facility or discharged in the effluent. It is calculated by knowing the amount of flow, the concentration, and the density of water. Results should be rounded off and expressed with the same number of significant figures as the permit limit. If the permit does not explicitly state how many significant figures are associated with the permit limit, the permittee shall use two.

$$\text{Loading (lbs/day)} = \text{Flow (in MGD)} \times \text{Concentration (mg/L)} \times 8.34^*$$

*8.34 is the unit conversion for the weight of water

Please note that the equations above may not be appropriate for production based effluent guideline limitations.

17. Louisiana Pollutant Discharge Elimination System (LPDES) means those portions of the Louisiana Environmental Quality Act and the Louisiana Water Control Law and all regulations promulgated under their authority which are deemed equivalent to the National Pollutant Discharge Elimination

System (NPDES) under the Clean Water Act in accordance with Section 402 of the Clean Water Act and all applicable federal regulations.

18. Monthly Average, other than for fecal coliform bacteria, discharge limitations are calculated as the sum of all "daily discharge(s)" measured during a calendar month divided by the number of "daily discharge(s)" measured during that month. When the permit establishes monthly average concentration effluent limitations or conditions, and flow is measured as continuous record or with a totalizer, the monthly average concentration means the arithmetic average (weighted by flow) of all "daily discharge(s)" of concentration determined during the calendar month where C = daily discharge concentration, F = daily flow and n = number of daily samples; monthly average discharge =

$$\frac{C_1F_1 + C_2F_2 + \dots + C_nF_n}{F_1 + F_2 + \dots + F_n}$$

When the permit establishes monthly average concentration effluent limitations or conditions, and the flow is not measured as a continuous record, then the monthly average concentration means the arithmetic average of all "daily discharge(s)" of concentration determined during the calendar month.

The monthly average for fecal coliform bacteria is the geometric mean of the values for all effluent samples collected during a calendar month.

19. National Pollutant Discharge Elimination System (NPDES) means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements, under Sections 307, 318, 402, and 405 of the Clean Water Act.
20. POTW means Publicly Owned Treatment Works.
21. Sanitary Wastewater Term(s):
- a. 3-hour composite sample consists of three effluent portions collected no closer together than one hour (with the first portion collected no earlier than 10:00 a.m.) over the 3-hour period and composited according to flow, or a sample continuously collected in proportion to flow over the 3-hour period.
 - b. 6-hour composite sample consists of six effluent portions collected no closer together than one hour (with the first portion collected no earlier than 10:00 a.m.) over the 6-hour period and composited according to flow, or a sample continuously collected in proportion to flow over the 6-hour period.
 - c. 12-hour composite sample consists of 12 effluent portions collected no closer together than one hour over the 12-hour period and composited according to flow, or a sample continuously collected in proportion to flow over the 12-hour period. The daily sampling intervals shall include the highest flow periods.

- d. 24-hour composite sample consists of a minimum of 12 effluent portions collected at equal time intervals over the 24-hour period and combined proportional to flow or a sample continuously collected in proportion to flow over the 24-hour period.
22. Severe property damage means substantial physical damage to property, damage to the treatment facilities that causes them to become inoperable, or substantial and permanent loss of natural resources that can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.
 23. Sewage sludge means any solid, semi-solid, or liquid residue removed during the treatment of municipal wastewater or domestic sewage. *Sewage sludge* includes, but is not limited to, solids removed during primary, secondary, or advanced wastewater treatment, scum, domestic septage, portable toilet pumpings, Type III marine sanitation device pumpings (33 CFR Part 159), and sewage sludge products. *Sewage sludge* does not include grit or screenings, or ash generated during the incineration of sewage sludge.
 24. Storm water Runoff—aqueous surface runoff including any soluble or suspended material mobilized by naturally occurring precipitation events.
 25. Surface Water: all lakes, bays, rivers, streams, springs, ponds, impounding reservoirs, wetlands, swamps, marshes, water sources, drainage systems and other surface water, natural or artificial, public or private within the state or under its jurisdiction that are not part of a treatment system allowed by state law, regulation, or permit.
 26. Treatment works means any devices and systems used in the storage, treatment, recycling and reclamation of municipal sewage and industrial wastes of a liquid nature to implement Section 201 of the Clean Water Act, or necessary to recycle or reuse water at the most economical cost over the estimated life of the works, including intercepting sewers, sewage collection systems, pumping, power and other equipment, and their appurtenances, extension, improvement, remodeling, additions, and alterations thereof. (See Part 212 of the Clean Water Act)
 27. For fecal coliform bacteria, a sample consists of one effluent grab portion collected during a 24-hour period at peak loads.
 28. The term MGD shall mean million gallons per day.
 29. The term GPD shall mean gallons per day.
 30. The term mg/L shall mean milligrams per liter or parts per million (ppm).
 31. The term SPC shall mean Spill Prevention and Control. Plan covering the release of pollutants as defined by the Louisiana Administrative Code (LAC 33:IX.Chapter 9).
 32. The term SPCC shall mean Spill Prevention Control and Countermeasures Plan. Plan covering the release of pollutants as defined in 40 CFR Part 112.
 33. The term µg/L shall mean micrograms per liter or parts per billion (ppb).

34. The term ng/L shall mean nanograms per liter or parts per trillion (ppt).
35. Visible Sheen: a silvery or metallic sheen, gloss, or increased reflectivity; visual color; or iridescence on the water surface.
36. Wastewater—liquid waste resulting from commercial, municipal, private, or industrial processes. Wastewater includes, but is not limited to, cooling and condensing waters, sanitary sewage, industrial waste, and contaminated rainwater runoff.
37. Waters of the State: for the purposes of the Louisiana Pollutant Discharge Elimination system, all surface waters within the state of Louisiana and, on the coastline of Louisiana and the Gulf of Mexico, all surface waters extending there from three miles into the Gulf of Mexico. For purposes of the Louisiana Pollutant Discharge Elimination System, this includes all surface waters which are subject to the ebb and flow of the tide, lakes, rivers, streams, (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, natural ponds, impoundments of waters within the state of Louisiana otherwise defined as “waters of the United States” in 40 CFR 122.2, and tributaries of all such waters. “Waters of the state” does not include waste treatment systems, including treatment ponds or lagoons designed to meet the requirements of the Clean Water Act, 33 U.S.C. 1251 et seq.
38. Weekly average, other than for fecal coliform bacteria, is the highest allowable arithmetic mean of the daily discharges over a calendar week, calculated as the sum of all “daily discharge(s)” measured during a calendar week divided by the number of “daily discharge(s)” measured during that week. When the permit establishes weekly average concentration effluent limitations or conditions, and flow is measured as continuous record or with a totalizer, the weekly average concentration means the arithmetic average (weighted by flow) of all "daily discharge(s)" of concentration determined during the calendar week where C = daily discharge concentration, F = daily flow and n = number of daily samples; weekly average discharge

$$= \frac{C_1F_1 + C_2F_2 + \dots + C_nF_n}{F_1 + F_2 + \dots + F_n}$$

When the permit establishes weekly average concentration effluent limitations or conditions, and the flow is not measured as a continuous record, then the weekly average concentration means the arithmetic average of all "daily discharge(s)" of concentration determined during the calendar week.

The weekly average for fecal coliform bacteria is the geometric mean of the values for all effluent samples collected during a calendar week.

Part VII. REOPENER CLAUSE

If there is evidence indicating that the discharges authorized by this permit cause, have the reasonable potential to cause, or contribute to a violation of a water quality standard, the discharger may be required to obtain an individual permit or an alternative general permit in accordance with Part III.D and VI.A.6 of this permit or the permit may be modified to include different requirements and/or limitations.

Part VIII. TERMINATION OF COVERAGE

Termination of coverage is automatic provided the owner and/or operator has complied with the requirements in Part I.E of this permit. Owners and/or operators are responsible for ensuring the elimination of storm water discharges associated with construction activity by the automatic termination date. All disturbed soils at the portion of the construction site where the operator had control shall be finally stabilized and temporary erosion and sediment control measures have been removed or will be removed at an appropriate time to ensure final stabilization is maintained, or that all storm water discharges associated with construction activities from the identified site that are authorized by an LPDES general permit have otherwise been eliminated from the portion of the construction site where the operator had control.

Permittees shall be aware that final stabilization often takes time (weeks or even months), especially during times of low rainfall or during the colder months of the year. If final stabilization requirements of the permit (see Part IX) have not been met, a Notice of Extension must be submitted. Termination of permit coverage does not relieve the permittee of any future liabilities associated with environmental damage caused by the permittee's activities.

Where another owner and/or operator has assumed control (see Part III.E and Part IV.E) over all areas of the site that have not been finally stabilized, the previous owner and/or operator must submit a Notice of Termination (NOT). Current permitted owners and/or operators who determine that coverage is no longer needed may also submit an NOT. The NOT shall include the following information:

1. the name (or other identifier), street address (description of location if no street address is available), city, parish, and the latitude and longitude of the approximate center of the construction site/project for which the notification is submitted;
2. the name, address and telephone number of the permittee submitting the Notice of Termination;
3. the LPDES permit authorization number for the storm water discharge identified by the Notice of Termination;
4. an indication of whether the storm water discharges associated with construction activity have been eliminated or the operator of the discharges has changed; and
5. the following certification signed in accordance with Part VI.D.10 (Signatory Requirements) of this permit:

"I certify under penalty of law that all storm water discharges associated with construction activity from the portion of the identified site where I was an operator have ceased or have been eliminated or that I am no longer an operator at the construction site. I understand that by submitting this Notice of Termination, I am no longer authorized to discharge storm water associated with construction activity under this general permit, and that discharging pollutants in storm water associated with construction activity to waters of the State is unlawful under the Clear Water Act where the discharge is not authorized by an LPDES

permit. I also understand that the submittal of this Notice of Termination does not release an operator from liability for any violation of this permit or the Clean Water Act.”

6. All NOTs are to be sent, using the forms provided by the State Administrative Authority, to the Water Permits Division at the address specified on the NOT form.

Part IX. ADDITIONAL DEFINITIONS

Aggregate Spray – potable water used to cool aggregate stockpiles and to maintain the specific gravity of light weight aggregate.

Alternative permit means another permit – either an individual permit or a different general permit.

Arid Areas – areas with an average annual rainfall of 0 to 10 inches.

Best Management Practices (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the discharge of pollutants to waters of the United States. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

(<https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#edu>)

Bypass – the intentional diversion of waste streams from any portion of a treatment facility.

Control Measure – as used in this permit, refers to any Best Management Practice or other method used to prevent or reduce the discharge of pollutants to waters of the United States.

Commencement of Construction – the initial disturbance of soils associated with clearing, grading, or excavating activities as well as support activities related to a construction site.

Common Plan of Development – a contiguous (sharing a boundary or edge; adjacent; touching) area where multiple separate and distinct construction activities may be taking place at different times on different schedules under one plan. Such a plan might consist of many small projects (e.g., a common plan of development for a residential subdivision might lay out the streets, house lots, and areas for parks, schools, commercial and industrial development that the developer plans to build or sell to others for development.) All these areas would remain part of the common plan of development or sale. The following items can be used as guidance for deciding what might or might not be considered a Common Plan of Development or Sale:

If a smaller project is part of a large common plan of development or sale that collectively will disturb five or more acres (e.g., you are building on 6 half-acre residential lots in a 10-acre development or are putting in a fast food restaurant on a ¾ acre pad that is part of a 20 acre retail center) permit coverage is needed.

If a small portion of the original common plan of development remains undeveloped and there has been a period of time where there is no ongoing construction activities (i.e., all areas are either undisturbed or have been finally stabilized), you may re-evaluate the original project based on the acreage remaining from the original “common plan.” If less than five but more than one acre remains to build out the original “common plan”, coverage under this permit may not be required. However, you will need to comply with the terms and conditions of the Small Construction General Permit. If less than one acre remains of the original common plan, your individual project may be treated as a part of a less than one acre development and no permit would be required.

If you have a long-range master plan of development where some portions of the master plan are a conceptual rather than a specific plan of future development and the future construction activities would, if they occur at all, happen over an extended period of time, you may consider the “conceptual” phases of development to be separate a “common plans” provided the periods of construction for the physically interconnected phases will not overlap.

A public entity (a municipality, state or federal agency) need not consider all construction projects within their entire jurisdiction to be part of an overall “common plan.” Only the interconnected parts of a project would be considered to be a “common plan.”

Where discrete construction projects within a larger common plan of development or sale are located ¼ mile or more apart and the area between the projects is not being disturbed, each individual project can be treated as a separate plan of development or sale provided any interconnecting road, pipeline or utility project that is part of the same “common plan” is not concurrently being disturbed.

Discharge of Storm Water Associated with Construction Activity – as used in this permit, refers to storm water point source discharges from areas where soil disturbing activities (e.g., clearing, grading, or excavation, etc.), support activities related to a construction site, or construction materials or equipment storage or maintenance (e.g., fill piles, fueling, etc.) are located.

Drought-Stricken Area – for the purposes of this permit, an area in which the National Oceanic and Atmospheric Administration’s U.S. Seasonal Drought Outlook indicates for the period during which the construction will occur that any of the following conditions are likely: (1) “Drought to persist or intensify”, (2) “Drought ongoing, some improvement”, (3) “Drought likely to improve, impacts ease”, or (4) “Drought development likely”.

See http://www.cpc.ncep.noaa.gov/products/expert_assessment/season_drought.gif.

Final Stabilization – means that:

- (i) all soil disturbing activities at the site have been completed, and that a **uniform** (e.g., evenly distributed, without large bare areas) **perennial vegetative cover** with a density of 70% of the native background vegetative cover for the area has been established on all unpaved areas and areas not covered by permanent structures, or equivalent permanent stabilization measures (such as the use of riprap, gabions, or geo-textiles) have been employed. Establishing at least 70% of the natural cover of self-sustaining native vegetation meets the vegetative cover criteria for final stabilization. For example, if the native vegetation covers 50% of the ground prior to commencement of construction activities, 70% of 50% would require 35% total cover for final stabilization.

A site does not meet the final stabilization permit requirement until self-sustaining native vegetation is established uniformly over each disturbed area on the site. Stabilizing seven of ten slopes or leaving an area equivalent to 30 percent of the disturbed area completely destabilized will not satisfy the **uniform vegetative cover** standard.

- (ii) In arid and semi-arid areas only, all soil disturbing activities at the site have been completed and both of the following criteria have been met:

- a. Temporary erosion control measures (e.g., degradable rolled erosion control product) are selected, designed, and installed along with an appropriate seed base to provide erosion control for at least three years without active maintenance by you.
 - b. The temporary erosion control measures are selected, designed, and installed to achieve 70 percent vegetative coverage within three years.
- (iii) For individual lots in residential construction, final stabilization means that either:
- a. The homebuilder has completed final stabilization as specified above, or
 - b. The homebuilder has established temporary stabilization including perimeter controls for an individual lot prior to occupation of the home by the homeowner and informing the homeowner of the need for, and benefits of, final stabilization.
- (iv) For construction projects on land used for agricultural purposes (e.g., pipelines across crop or range land, staging areas for highway construction, etc.) final stabilization may be accomplished by returning the disturbed land to its preconstruction agricultural use. Areas disturbed that were not previously used for agricultural activities, such as buffer strips immediately adjacent to waters of the State, and areas which are not being returned to their preconstruction agricultural use must meet the final stabilization criteria (i) or (ii) or (iii) above.

Infeasible – not technologically possible, or not economically practicable and achievable in light of best industry practices.

Municipal Separate Storm Sewer System (MS4) – refers to a publicly-owned conveyance or system of conveyances that discharges to waters of the U.S. and is designed or used for collecting or conveying storm water, is not a combined sewer, and is not part of a publicly-owned treatment works (POTW)(see LAC 33:IX.2511.B.4, B.7, and B.16 or 40 CFR 122.26(b)(4), (b)(7), and (b)(16)).

Natural Buffer – as used in this permit, an area of undisturbed natural cover surrounding surface waters. Natural cover includes vegetation, exposed rock, or barren ground that exists prior to commencement of construction activities at the site

New Source – any building, structure, site, or installation from which there is or may be discharge of pollutants, the construction of which commenced:

- a. after promulgation of standards of performance under Section 306 of the CWA which are applicable to such source; or
- b. after proposal of standards of performance in accordance with Section 306 of the CWA which are applicable to such source, but only if the standards are promulgated in accordance with Section 306 within 120 days of their proposal.

Non-turbid – for the purposes of this permit, means that the discharge does not cause or contribute to an exceedance of turbidity-related water quality standards.

NOE – notice of extension to continue coverage or to reauthorize under the reissued LAR100000 (see Part I.D of this permit).

NOI – notice of intent to be covered by this permit (see Part II of this permit).

NOT – notice of termination of permit coverage (see Part VII of this permit).

Operator – any party associated with the construction project that meets either of the following two criteria: (1) the party has operational control over project plans and specifications (including the ability to make modifications in those specifications), or (2) the party has day-to-day operational control of those activities at a project site which are necessary to ensure compliance with the storm water pollution prevention plan or other permit conditions (e.g., they are authorized to direct workers at the site to carry out activities identified in the storm water pollution prevention plan or comply with other permit conditions).

Permittee - an operator with permit authorization to discharge storm water associated with construction activity in Louisiana under the terms and conditions of this permit.

Person – an individual, association, partnership, corporation, municipality, state or federal agency, or any agency thereof, or an agent or employee thereof.

Point Source – any discernible, confined, and discrete conveyance, including but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, landfill leachate collection system, vessel, or other floating craft from which pollutants are, or may be, discharged. This term does not include return flows from irrigated agriculture or agricultural storm water runoff.

Process Wastewater – any water which, during manufacturing or processing, comes into direct contact with or results from the production or use of any raw material, intermediate product, finished product, byproduct, or waste product. Process wastewater may include interior or exterior washing of plant trucks or product receptacles.

Qualified Personnel – a person knowledgeable in the principles and practice of erosion and sediment controls who possesses the skills to assess conditions at the construction site that could impact storm water quality and to assess the effectiveness of any sediment and erosion control measures selected to control the quality of storm water discharges from the construction activity.

Runoff Coefficient – the fraction of total rainfall that will leave the site as runoff.

Semi-Arid Areas – areas with an average annual rainfall of 10 to 20 inches.

Site – the land or water area where any facility or activity is physically located or conducted, including adjacent land used in connection with the facility or activity.

State Administrative Authority – the Secretary of the Department of Environmental Quality or his designee, or the appropriate assistant secretary or his designee.

Storm Water Associated with Industrial Activity – defined at LAC 33:IX.2511.B.14 and incorporated here by reference.

Storm Water Discharge Associated with Large Construction Activity – this includes discharges of storm water from construction activities including clearing, grading excavating, and support activities

related to a construction site that results in land disturbance greater than five acres. Also included is construction activity that disturbs less than five acres of total land area that is part of a larger common plan of development or sale, if the larger common plan will ultimately disturb greater than five acres.

Total Suspended Solids (TSS) – the amount of solid material suspended in water commonly expressed as a concentration in terms of mg/L.

Uncontaminated – for the purposes of this permit, means that the discharge does not cause or contribute to an exceedance of applicable water quality standards.

ADDENDUM A

ENDANGERED SPECIES GUIDANCE

ENDANGERED SPECIES GUIDANCE

I. INSTRUCTIONS

A list of endangered and threatened species that the US Fish and Wildlife Service (FWS) has determined may be affected by the activities covered by the Construction General Permit is available in the Fish and Wildlife Service Memorandum of Understanding (MOU) letter at <http://deq.louisiana.gov/page/lpdes>.

The species listing by parish is found using the link labeled Endangered Species Act (ESA) and Migratory Bird Treaty Act (MBTA) Project Review. In order to be eligible for coverage under this permit, operators must:

- Determine whether any species listed in this Guidance or critical habitat are in proximity to the site,
- Pursuant to Permit Part I.A.3.e follow the procedures found in this Guidance to protect listed endangered and/or threatened species and designated critical habitat and determine that the storm water discharges and BMPs to control storm water runoff covered under this permit meet one or more of the eligibility requirements of Part I.A.3.e.(1) of this permit. Signature and submittal of the Notice of Intent form is deemed to constitute the Operator's compliance with eligibility requirements for permit coverage.

To determine permit eligibility and to avoid unauthorized impacts upon listed threatened or endangered species or on the critical habitat for those species, the operator must follow this Guidance's Steps 1 through 4 (and 5 if applicable) when developing the SWPPP.

NOTE: At any step in the determination operators may contact the FWS for guidance. That request should be in writing and should include a description of the facility and a topographic map depicting the locations of the facility, the proposed construction activities, and the associated storm water discharges.

U.S. Fish and Wildlife Service
646 Cajundome Blvd.
Suite 400
Lafayette, LA 70506
(337) 291-3108

STEP 1: DETERMINE IF THE CONSTRUCTION SITE OR ASSOCIATED STORM WATER DISCHARGES ARE WITHIN THE VICINITY OF FEDERALLY LISTED THREATENED OR ENDANGERED SPECIES, OR THEIR DESIGNATED CRITICAL HABITAT.

If either the proposed site or the path of storm water from the site to the receiving stream is in a parish included on the Endangered Species List, the applicant shall proceed to Step 2 below. If, however, neither is located in a listed parish, then the applicant shall enter "no" in Section I.D.3 of the NOI, and move on to the next item.

If no species are listed in the site's parish or if a site's parish is not found on the list, the applicant is eligible for permit coverage and may indicate in the Notice of Intent that no species are found in the project area

and certify that it is eligible for permit coverage by marking “No” on the NOI. Where a project is located in more than one parish, the lists for all parishes shall be reviewed.

STEP 2: DETERMINE IF ANY SPECIES MAY BE FOUND "IN PROXIMITY" TO THE CONSTRUCTION ACTIVITY'S STORM WATER DISCHARGES:

A species is in proximity to a construction activity's storm water discharge when the species is:

- Located in the path or immediate area through which or over which contaminated point source storm water flows from construction activities to the point of discharge into the receiving water; or
- Located in the immediate vicinity of, or nearby, the point of discharge into receiving waters; or
- Located in the area of a site where storm water BMPs are planned or are to be constructed.

The area in proximity to be searched/surveyed for listed species will vary with the size and structure of the construction activity, the nature and quantity of the storm water discharges, and the type of receiving waters. Given the number of construction activities potentially covered by the permit, no specific method to determine whether species are in proximity is required for permit coverage. Instead, operators should use the method or methods which best allow them to determine to the best of their knowledge whether species are in proximity to their particular construction activities. These methods may include:

- Conducting visual inspections: This method may be particularly suitable for construction sites that are smaller in size or located in non-natural settings such as highly urbanized areas or industrial parks where there is little or no natural habitat, or for construction activities that discharge directly into municipal storm water collection systems.
- Contacting the nearest State or Tribal Wildlife Agency or U.S. Fish and Wildlife Service (FWS) offices. Many endangered and threatened species are found in well-defined areas or habitats. That information is frequently known to State, Tribal, or Federal wildlife agencies.
- Contacting local/regional conservation groups. These groups inventory species and their locations and maintain lists of sightings and habitats.
- Conducting a formal biological survey. Larger construction sites with extensive storm water discharges may choose to conduct biological surveys as the most effective way to assess whether species are located in proximity and whether there are likely adverse effects.
- Conducting an Environmental Assessment Under the National Environmental Policy Act (NEPA). Some construction activities may require environmental assessments under the NEPA. Such assessments may indicate if listed species are in proximity. (Construction General Permit coverage does not trigger the NEPA because it does not regulate any dischargers subject to New Source Performance Standards under Section 306 of the Clean Water Act. See CWA 511(c). However, some construction activities might require review under the NEPA because of federal funding or other federal nexus.)
- Using the ESA and MBTA project review application at the FWS Louisiana Ecological Services website (<http://www.fws.gov/lafayette/pdc/>).

If no species are in proximity and there is no likelihood of any BMPs to control storm water causing adverse effects on species identified in in this addendum, an operator is eligible for Construction General Permit

coverage based upon this **Criterion A**.

If adverse effects are determined to be unlikely, then the operator is eligible for permit coverage

If listed species are found in proximity to a facility, operators must indicate the location and nature of this presence in the storm water pollution prevention plan (SWPPP) and follow Step 3.

STEP 3: DETERMINE IF SPECIES OR CRITICAL HABITAT COULD BE ADVERSELY AFFECTED BY THE CONSTRUCTION ACTIVITY'S STORM WATER DISCHARGES OR BY BMPs TO CONTROL THOSE DISCHARGES.

Scope of Adverse Effects: Potential adverse effects from storm water include:

- Hydrological. Storm water may cause siltation, sedimentation or induce other changes in the receiving waters such as temperature, salinity or pH. These effects will vary with the amount of storm water discharged and the volume and condition of the receiving water. Where a storm water discharge constitutes a minute portion of the total volume of the receiving water, adverse hydrological effects are less likely.
- Habitat. Storm water may drain or inundate listed species habitat.
- Toxicity. In some cases, pollutants in storm water may have toxic effects on listed species.

The scope of effects to consider will vary with each site. Operators must also consider the likelihood of adverse effects on species from any BMPs to control storm water. Most adverse impacts from BMPs are likely to occur from the construction activities. However, it is possible that the operation of some BMPs (for example, larger storm water retention ponds) may affect endangered and threatened species.

If adverse effects are determined to be unlikely, then the operator is eligible for permit coverage

If adverse effects are likely, operators should follow step 4 below.

STEP 4: DETERMINE IF MEASURES CAN BE IMPLEMENTED TO AVOID ANY ADVERSE EFFECTS:

If it is determined that adverse effects cannot be ruled out or are likely, the operator can receive coverage if appropriate measures are undertaken to avoid or eliminate any actual or potential adverse effects prior to applying for permit coverage. These measures may involve relatively simple changes to construction activities such as re-routing a storm water discharge to bypass an area where species are located, relocating BMPs, or limiting the size of construction activity that will be subject to storm water discharge controls.

At this stage, operators must contact the FWS [or the National Marine Fisheries Service (NMFS) if referred to that Service by the FWS] to see what appropriate measures might be suitable to avoid or eliminate adverse impacts to listed species and/or critical habitat. This can entail the initiation of informal coordination with the FWS (and/or NMFS, if appropriate) which is described in more detail in Step 5.

If operators adopt measures to avoid or eliminate adverse effects they must continue to abide by them during the course of permit coverage. These measures must be described in the SWPPP and may be enforceable as permit conditions.

If appropriate measures to avoid the likelihood of adverse effects are not available, then the operator must follow Step 5.

STEP 5: CONSULTATION WITH FWS TO DETERMINE IF THE ELIGIBILITY REQUIREMENTS CAN BE MET

Where adverse effects are likely, the operator must contact the FWS. The operator may still be eligible for permit coverage if any likelihood of adverse effects is addressed by meeting at least one of the following criteria, as required by Part I.A.3.e.(1)(b)-(e), if:

- **Criterion B.** The operator's activity has received previous authorization through an earlier Section 7 consultation or issuance of a ESA Section 10 permit (incidental taking permit) and that authorization addressed storm water discharges and/or BMPs to control storm water runoff (e.g., developer included impact of entire project in consultation over a wetlands dredge and fill permit under Section 7 of the ESA).

OR

- **Criterion C.** The operator's activity was previously considered part of a larger, more comprehensive assessment of impacts on endangered and threatened species and/or critical habitat, under Section 7 or Section 10 of the ESA, which accounts for storm water discharges and BMPs to control storm water runoff (e.g., where an area-wide habitat conservation plan and the ESA's Section 10 permit is issued which addresses impacts from construction activities, including those from storm water, or a NEPA review is conducted which incorporates the ESA Section 7 procedures).

OR

Criterion D. Consultation with the USFWS (or NMFS, if appropriate) for the operator's storm water discharges and BMPs to control storm water runoff results in either: 1) FWS/NMFS written concurrence with a finding of no likelihood of adverse effects (see 50 CFR 402.13) or 2) issuance of a biological opinion in which USFWS (or NMFS) finds that the action is not likely to jeopardize the continued existence of listed endangered or threatened species or result in the adverse modification or destruction of critical habitat [see 50 CFR 403.14(h)].

Any terms and conditions developed through consultations to protect listed species and critical habitat must be incorporated into the SWPPP. As noted above, operators must initiate consultation during Step 4 (upon becoming aware that endangered and threatened species are in proximity to the facility).

OR

Criterion E. The operator's activity was considered part of a larger, more comprehensive site-specific assessment of impacts on endangered and threatened species by the owner or other operator of the site when it developed a SWPPP and that permittee met the eligibility requirements stated in Criterion A, B, C, or D [e.g., owner was able to determine there would be no adverse impacts for the project as a whole under Criterion A, so contractor meets the eligibility requirements stated Criterion D]. Utility companies applying for area-wide permit coverage meet the eligibility requirements stated in Criterion D since authorization to discharge is contingent on a principal operator of a construction project having been granted coverage under this or an alternative LPDES permit for the areas of the site where utilities installation activities will occur.

The determination of eligibility of Criteria B - D shall be documented in the facility's SWPPP, and copies of all applicable documents, such as the FWS approval letters, shall be retained with the SWPPP. The operator must comply with any terms and conditions imposed under the all eligibility criteria requirements to ensure that storm water discharges or BMPs used to control storm water runoff are protective of listed endangered and threatened species and/or critical habitat. Such terms and conditions must be incorporated in the operator's SWPPP.

If the eligibility requirements of Criteria A - D cannot be met, then the operator may not receive coverage under this permit and should consider applying to the LDEQ for an individual permit.

This permit does not authorize any "taking" (as defined under Section 9 of the ESA) of endangered or threatened species unless such takes are authorized under Section 7 or 10 the ESA. Operators who believe their construction activities may result in takes of listed endangered and threatened species should be sure to get the necessary coverage for such takes through an individual consultation or Section 10 permit of the ESA.

This permit does not authorize any storm water discharges or BMPs to control storm water runoff that are likely to jeopardize the continued existence of any species that are listed as endangered or threatened under the ESA or result in the adverse modification or destruction of designated critical habitat.

II. ENDANGERED SPECIES PARISH LIST

See: <http://deq.louisiana.gov/page/lpdes>. Click on **Water**, then **Permits**, then **LPDES Permit Information**, then the "U.S. Fish and Wildlife Service [Endangered Species Act \(ESA\) and Migratory Bird Treaty Act \(MBTA\) Project Review](#)" under **LPDES Support Documents**.

ADDENDUM B
HISTORIC PRESERVATION

HISTORIC PROPERTIES GUIDANCE

Operators must determine whether their site's storm water discharge or the construction of best management practices (BMPs) to control such discharges, have potential to affect a property that is either listed or eligible for listing on the National Register of Historic Places.

For existing operators who do not need to construct BMPs for permit coverage, a simple visual inspection may be sufficient to determine whether historic properties are affected. However, for sites which are new storm water dischargers, and for existing sites which are planning to construct BMPs for permit eligibility, operators shall conduct further inquiry to determine whether historic properties may be affected by the storm water discharge or BMPs to control the discharge. In such instances, operators shall first determine whether there are any historic properties or places in the vicinity that are listed on the National Register, or if any are eligible for listing on the register (e.g., they are "eligible for listing").

Due to the large number of entities seeking coverage under this permit and the limited number of personnel available to the State Historic Preservation Officer to respond to inquiries concerning the location of historic properties, it is suggested that operators first access the "National Register of Historic Places" information listed on the National Park Service's web page at the address listed below. The address for the Louisiana State Historic Preservation Officer is also listed below. Operators may also contact city, parish or other local historical societies for assistance, especially when determining if a place or property is eligible for listing on the register.

The following scenarios describe how operators can meet the permit eligibility criteria for protection of historic properties under this permit:

(1) If historic properties are **not identified** in the path of a site's industrial storm water discharge, or where construction activities are planned to install BMPs to control such discharges (e.g., diversion channels or retention ponds), or

if historic properties **are identified**, but it is determined that they will **not be affected** by the discharge, or construction of BMPs to control the discharge,

then the operator has met the permit eligibility criteria under Part I.A.3.f.

(2) If historic properties **are identified** in the path of a site's industrial storm water discharge, or where construction activities are planned for the installation of BMPs to control such discharges, and it is determined that **there is the potential** to adversely affect the property, the operator can still meet the permit eligibility criteria if he/she obtains and complies with a written agreement with the State Historic Preservation Officer, which outlines measures that the operator will follow to mitigate or prevent those adverse effects. The contents of such a written agreement must be included in the site's storm water pollution prevention plan.

In situations where an agreement cannot be reached between an applicant and the State Historic Preservation Officer, applicants shall contact the Advisory Council on Historic Preservation listed below in this addendum for assistance.

The term "adverse effects" includes, but is not limited to, damage, deterioration, alteration, or destruction of the historic property or place. LDEQ encourages operators to contact the appropriate State or Tribal Historic Preservation Officer as soon as possible in the event of a potential adverse effect to a historic property.

Operators are reminded that they must comply with all applicable State and local laws concerning the protection of historic properties and places.

I. Internet Information on the National Register of Historic Places

An electronic listing of the "National Register of Historic Places," as maintained by the National Park Service on its National Register Information System (NRIS), can be accessed on the Internet at <https://www.nps.gov/nr/research/>.

II. Louisiana State Historic Preservation Officer (SHPO)

Louisiana, SHPO, Office of Cultural Development, P.O. Box 44247, Baton Rouge, LA 70804-4247. For questions contact the Section 106 Review Coordinator, Telephone: (225) 342-8170.

III. Louisiana Tribes and Their Historic Preservation Officers

For questions related to identifying and protecting tribal cultural resources, operators shall contact tribal leaders. A list of Louisiana Tribes and Their Historic Preservation Officers can be found at:

<https://www.crt.state.la.us/Assets/OCD/archaeology/nativeamericancontacts/NatAmContacts.pdf>. LDEQ does not have the authority to issue LPDES permits for activities on federal Native American lands.

ADDENDUM C

LIST OF ADDRESSES FOR LDEQ OFFICES

CURRENT ADDRESSES

Enforcement Division
Office of Environmental Compliance
Department of Environmental Quality
P. O. Box 4312
Baton Rouge, Louisiana 70821-4312
Telephone: (225) 219-3715

Mailing Addresses For Regional Offices

Acadiana Regional Office

Inspections Division
Office of Environmental Compliance
111 New Center Drive
Lafayette, Louisiana 70508
(337) 262-5584

Capital Regional Office

Inspections Division
Office of Environmental Compliance
P.O. Box 4312
Baton Rouge, Louisiana 70821-4312
(225) 219-3600

Northeast Regional Office

Inspections Division
Office of Environmental Compliance
508 Downing Pines Road
West Monroe, Louisiana 71292
(318) 362-5439

Northwest Regional Office

Inspections Division
Office of Environmental Compliance
1525 Fairfield Avenue, Room 520
Shreveport, Louisiana 71130
(318) 676-7476

Southeast Regional Office

Inspections Division
Office of Environmental Compliance
201 Evans Road, Bldg. 4, Suite 420
New Orleans, LA 70123-5230
(504) 736-7701

Southwest Regional Office

Inspections Division
Office of Environmental Compliance
1301 Gadwall Street
Lake Charles, Louisiana 70615-5176
(337) 491-2667

Jurisdictional Parishes For Each Regional Office

Acadia, Avoyelles, Catahoula, Concordia,
Evangeline, Grant, Iberia, Lafayette, LaSalle,
Rapides, St. Landry, St. Martin, St. Mary,
Vermilion

Ascension, Assumption, East Baton Rouge, East
Feliciana, Iberville, Livingston, Pointe Coupee, St.
Helena, St. James, St. Martin, Tangipahoa, West
Baton Rouge, West Feliciana

Caldwell, East Carroll, Franklin, Jackson,
Lincoln, Madison, Morehouse, Ouachita, ,
Richland, Tensas, Union, West Carroll, Winn

Bienville, Bossier, Caddo, Claiborne, De Soto,
Natchitoches, Red River, Sabine, Webster

Jefferson, Lafourche, Orleans, Plaquemines, St.
Bernard, St. John the Baptist, St. Charles, St.
Tammany, Terrebonne, Washington

Allen, Beauregard, Calcasieu, Cameron, Jefferson
Davis, Vernon

ADDENDUM D

LIST OF OUTSTANDING NATURAL RESOURCE WATERS

Outstanding Natural Resource Waters

ATCHAFALAYA RIVER BASIN:

None

BARATARIA BASIN:

Bayou Des Allemands – from Lac Des Allemands to old US 90

Bayou Des Allemands – fro Hwy. 90 to Lake Salvador

CALCASIEU RIVER BASIN:

Calcasieu River – from LA Highway 8 to the Rapides/Allen Parish line

Calcasieu River – from Rapides-Allen Parish line to Marsh Bayou

Calcasieu River – from Marsh Bayou to saltwater barrier

Whiskey Chitto Creek – from the southern boundary of Fort Polk Military Reservation to the Calcasieu River

Six Mile Creek – East and West Forks from the southern boundary of Fort Polk Military Reservation to Whiskey Chitto Creek

Ten Mile Creek – from headwaters to Whiskey Chitto Creek

LAKE PONTCHARTRAIN BASIN:

Comite River – from Wilson-Clinton Highway to White Bayou

Amite River – from Mississippi State Line to LA Highway 37

Blind River – from the Amite River Diversion Canal to the mouth at Lake Maurepas

Blind River – from headwaters to Amite River Diversion Canal

Tickfaw River – from the Mississippi State Line to LA Highway 42

Tangipahoa River – from the Mississippi State Line to I-12

Chappepeela Creek – from Louisiana Highway 1062 to Tangipahoa River

Tchefuncte River – from headwaters to Bogue Falaya River, includes tributaries

Lower Tchefuncte River – from Bogue Falaya River to LA Highway 22

Bogue Falaya River – from headwaters to Tchefuncte River

Bayou Lacombe – from headwaters to Interstate Highway 12

Bayou Lacombe – from CDM Ecoregion boundary to Lake Pontchartrain

Bayou Lacombe – from Interstate Highway 12 to US Highway 190

Bayou Lacombe – from US Highway 190 to CDM Ecoregion boundary

Bayou Cane – from the headwaters to U.S. Highway 190

Bayou Cane – from CDM Ecoregion boundary to Lake Pontchartrain

Bayou Labranche – from headwaters to Lake Pontchartrain

Bayou Trepagnier – from Norco to Bayou Labranche

Bayou St. John

Bayou Chaperon

Bashman Bayou – from headwaters to Bayou Dupre

Bayou Dupre – from Lake Borgne Canal to Terre Beau Bayou

Lake Borgne Canal – from the Mississippi River siphon at Violet to Bayou Dupre; also called Violet Canal

Pirogue Bayou – from Bayou Dupre to New Canal

Terre Beau Bayou – from Bayou Dupre to New Canal

Bayou Bienvenue – from Bayou Villere to Lake Borgne

MERMENTAU RIVER BASIN:

None

VERMILION-TECHE RIVER BASIN:

Spring Creek – from headwaters to Cocodrie Lake

Bayou Cocodrie – from U.S. Highway 167 to the Bayou Boeuf-Cocodrie Diversion Canal

MISSISSIPPI RIVER BASIN:

None

OUACHITA RIVER BASIN:

Bayou Bartholomew – from Arkansas State Line to Ouachita River
Bayou de L’Outre – from the Arkansas State Line to the Ouachita River
Bayou D’Arbonne – from Bayou D’Arbonne Lake to the Ouachita River
Corney Bayou – from the Arkansas State Line to Corney Lake
Corney Bayou – from Corney Lake to Bayou D’Arbonne Lake
Middle Fork of Bayou D’Arbonne – from headwaters to Bayou D’Arbonne Lake
Little River – from Bear Creek to Catahoula Lake
Fish Creek – from headwaters to Little River
Trout Creek – from headwaters to Little River
Big Creek – from the headwaters to Little River

PEARL RIVER BASIN:

Holmes Bayou – from Pearl River to West Pearl River
West Pearl River – from headwaters to Holmes Bayou
West Pearl River – from Holmes Bayou to The Rigolets; includes the east and west mouths)
Morgan River – from Porters River to West Pearl River
Wilson Slough – from Bogue Chitto to West Pearl River
Bradley Slough - from Bogue Chitto to West Pearl River
Pushepatapa Creek – from headwaters and tributaries at Mississippi State Line to Pearl River flood plain
Bogue Chitto River – from Mississippi State Line to Pearl River Navigation Canal

RED RIVER BASIN:

Bayou Dorcheat – from Arkansas State Line to Lake Bistineau
Black Lake Bayou – from one mile north of Leatherman Creek to Black Lake
Saline Bayou – from headwaters near Arcadia to Saline Lake
Kisatchie Bayou – from its Kisatchie National Forest to Old River
Saline Bayou – from Larto Lake to Saline Lake
Bayou Cocodrie – from Little Cross Bayou to Wild Cow Bayou

SABINE RIVER BASIN:

Pearl Creek – from headwaters to Sabine River

TERREBONNE BASIN:

Bayou Penchant – from Bayou Chene to Lake Penchant

Appendix D –Inspection Report

Inspections/reports must be completed every fourteen-calendar days on a specifically defined day by the contractor, and within 24 hours of the end of a storm event of 0.5 inches or greater.

Inspection Type: <input type="checkbox"/> Routine (every 14 calendar days) <input type="checkbox"/> Post-Storm

Date: _____ Week Ending: _____

Weather/Storm Event Information: _____

Storm Start Time: _____ Storm Duration: _____

Time Elapsed Since Last Storm: _____ Approximate Amount of Rainfall (inches): _____

Based on the results of the inspection, necessary control modifications shall be implemented within seven (7) calendar days. These reports shall be kept on file as part of the Storm Water Pollution Prevention Plan for at least five (5) years from the date of completion and submission of the Final Stabilization Certification/Termination Checklist and Notice of Termination. A copy of the SWPPP shall be kept at the site at all times during construction.

Certification Statement:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Name of Inspector: _____ Title of Inspector: _____

Qualifications of Inspector: _____

Inspector's Signature: _____

Construction phasing/sequencing is consistent with the SWPPP and Erosion Control Plans: <input type="checkbox"/> Yes <input type="checkbox"/> No



To: Prospective Applicants for a Stormwater General Permit Associated with Construction Activity Greater than 5 Acres

Attached is a **Stormwater General Permit Associated with Construction Activity Greater than 5 Acres Notice of Intent (NOI) CSW-G**, for a Louisiana Pollutant Discharge Elimination System (LPDES) permit, authorized under EPA’s delegated NPDES program under the Clean Water Act.

Projects do not qualify for coverage under the general permit unless the NOI is complete and correct. To be considered complete, EVERY ITEM on the form must be addressed and the last page signed by an authorized company agent. If an item does not apply, please enter “NA” (for not applicable) to show that the question was considered.

Payment of the Annual Maintenance and Surveillance Fee(s) MUST be received with the NOI. Attach a check or money order to the NOI or go to <http://business.deq.louisiana.gov/> to create an online account.

NOIS WITHOUT PAYMENT ARE CONSIDERED INCOMPLETE

Two copies (one original and one copy) of your **completed and signed NOI** shall be submitted to:

Mailing Address:

Department of Environmental Quality
Office of Environmental Services
Post Office Box 4313
Baton Rouge, LA 70821-4313
Attention: Water Permits Division

Physical Address (if NOI is hand delivered):

Department of Environmental Quality
Office of Environmental Services
602 North Fifth Street
Baton Rouge, LA 70802
Attention: Water Permits Division

Please be advised that completion of this NOI may not fulfill all state, federal, or local requirements for sites of this size and type.

According to L. R. S. 48:385, any discharge to a state highway ditch, cross ditch, or right-of-way shall require approval from:

Louisiana DOTD
Office of Highways
Post Office Box 94245
Baton Rouge, LA 70804-9245
(225) 379-1927

AND

Louisiana DHH
Office of Public Health
Center for Environmental Services
Post Office Box 4489
Baton Rouge, LA 70821-4489
(225) 342-7499

A copy of the LPDES regulations may be obtained from the Department’s website at <http://deq.louisiana.gov/resources/category/regulations-lac-title-33>.

After the review of the NOI, this Office will issue written notification to those applicants who are accepted for coverage under this general permit.

For questions regarding this NOI please contact the Water Permits Division at (225) 219-5337. For help regarding completion of this NOI please contact DEQ, Small Business/Small Community Assistance at 1-800-259-2890.

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
Office of Environmental Services, Permits Division
Post Office Box 4313
Baton Rouge, LA 70821-4313
PHONE#: (225) 219-5337

**LPDES NOTICE OF INTENT (NOI) TO DISCHARGE STORM WATER ASSOCIATED
WITH CONSTRUCTION ACTIVITY GREATER THAN 5 ACRES**
(Attach additional pages if needed.)

Submission of this Notice of Intent constitutes notice that the party identified in Section I of this form intends to be authorized by an LPDES permit issued for storm water discharges associated with construction activity in Louisiana. In order to be automatically authorized under General Permit LAR100000 you must submit a complete and accurate NOI to the LDEQ.

EVERY ITEM MUST BE COMPLETED.

Submission of this Notice of Intent also constitutes that implementation of the Storm Water Pollution Prevention Plan required under the general permit will begin at the time the permittee commences work on the construction project identified in Section II below.

SECTION I - SITE INFORMATION

A. Permit is to be issued to the following: (must be a party having operational control over construction plans and specifications and /or a party having day-to-day operational control over those activities at a project site which are necessary to ensure compliance with the storm water pollution prevention plan or other permit conditions LAC 33:IX.2501.B and LAC 33:IX.2503.A and B).

1. Legal Name of Applicant
(Company, Partnership, Corporation, etc.) _____

Project Name Sankofa Wetland Park _____

(NOTE: Only one NOI needs to be submitted to cover all of the permittee's activities on the common plan of development or sale (e.g., you do not need to submit a separate NOI for each separate lot in a **residential subdivision** or for two separate buildings being constructed on the same property, provided your SWPPP covers each area for which you are the operator.)

Mailing Address _____

_____ Email: _____ Zip Code: _____

If the applicant named above is not also the owner, state owner name, phone number, and address.

Check status: Federal Parish Municipal
 State Public Private Other: _____

SECTION I - SITE INFORMATION

2. Location of Project. Provide a specific address, street, road, highway, interstate, and/or River Mile/Bank location of the project for which the NOI is being submitted.

City _____ Zip Code _____ Parish _____

Front Gate Coordinates:

Latitude ____ deg. ____ min. ____ sec. Longitude ____ deg. ____ min. ____ sec.

Method of Coordinate Determination:

(e.g., Google Earth, Previous Permit, website, GPS)

Is the site located on Indian Lands?

Yes

No

B. Storm Water Pollution Prevention Plan Information

1. Has the Storm Water Pollution Prevention Plan (SWPPP) been prepared? (NOTE: The SWPPP must be prepared prior to submittal of the NOI. Do **not** submit the SWPPP with this NOI.)

Yes

No

2. Indicate address of location of SWPPP if different from Project Location. (N/A if SWPPP is located at the construction site.)

Address _____

City _____ State _____ Zip _____

C. Location Information

1. Estimated Construction Start Date: (month/day/year) _____

2. Select how long the permit is needed:

0 months - 1 year

2 years

3 years

4 years

5 years

3. Estimate of area to be disturbed (to nearest acre) 35 acres

4. Describe the project or facility being constructed, such as a subdivision, single home, business, road project, or retail development (be specific, if clearing land please indicate if there are future plans to build a facility, subdivision, or retail development):

5. Is the project part of a larger development or subdivision? (5 acres or greater)

Yes

No

If yes, provide the name of the development or subdivision.

SECTION I - SITE INFORMATION

6. In accordance with the Coastal Zone Act Reauthorization Amendments (CZARA) and LAC 33:IX.1113.B.10 and LAC 33:IX.1109.A.2, the applicant certifies that the following conditions will be implemented to control post-construction storm water run-off:

- ❖ By design or performance:
 - After construction has been completed and the site is permanently stabilized, reduce the average annual TSS loadings by 80 percent. For the purposes of this measure, an 80 percent TSS reduction is to be determined on an average annual basis (Based on the average annual TSS loadings from all storms less than or equal to the 2-year/24hour storm. TSS loadings from storms greater than the 2-year/24-hour storm are not expected to be included in the calculation of the average annual TSS loadings), or
 - Reduce the post development loadings of TSS so that the average annual TSS loadings are no greater than predevelopment loadings, and
- ❖ To the extent practicable, maintain post development peak runoff rate and average volume at levels that are similar to predevelopment levels.

Yes, I certify that the above requirements have been met. No

7. Does this site have a previous land use?

Yes No

If yes, does this site have a conveyance notification?

Yes No

Please provide a history of any investigation for environmental site assessments and/or corrective action of contaminated soil, groundwater, and/or surface water and reference any associated Agency Interest Numbers and/or site identification numbers.

D. Discharge Information

1. Indicate how the storm water run-off reaches state waters (named water bodies). This will usually be either *directly*, by *open ditch* (if it is a highway ditch, indicate the highway), or by *pipe*. Please specifically name all of the minor water bodies that your discharge will travel through on the way to a major water body. This information can be obtained from U.S.G.S. Quadrangle Maps. Maps can also be obtained online at <http://map.deq.state.la.us/> or www.mytopo.com. Private map companies can also supply you with these maps. If you cannot locate a map through these sources you can contact the Louisiana Department of Transportation and Development at the address on the first page of this form.

By _____ (effluent pipe, ditch, etc.);
thence into _____ (effluent pipe, ditch, etc.);
thence into _____ (Parish drainage ditch, canal, etc.);
thence into _____ (named bayou, creek, stream, etc.).

SECTION I - SITE INFORMATION

2. Based on Appendix C, the Outstanding Natural Resource Water (ONRW) list, does your storm water run-off flow directly into a waterbody listed as an ONRW?

Yes

No

3. Based on Appendix A, Endangered Species Guidance, are there any listed endangered or threatened species in the project area?

Yes

No

NOTE: Use the Endangered Species Guidance in Appendix A to determine if there are listed endangered or threatened species in the project area. Applicants shall contact the U. S. Fish and Wildlife Service (address is in Appendix A) for guidance if they need assistance in making a determination.

4. Based on Appendix B, Historic Properties Guidance, are any historic properties listed or eligible for listing on the National Register of Historic Places located on the site or in proximity to the discharge?

Yes

No

5. Was the State Historic Preservation Office (see Part I.A.3.f of the permit) involved in your determination of eligibility?

Yes

No

E. Additional Discharge Information

1. Will the finished project result in a discharge that will require a wastewater discharge permit such as treated sanitary wastewater from a subdivision, apartment complex, or business; industrial storm water; or process wastewater?

Yes

No (i.e., directly to a municipal sewage system)

2. If yes, does the subdivision, complex, or site currently have an LPDES water discharge permit?

Yes

No

If yes, what is the LPDES permit number? _____

3. If the site has an LPDES water discharge permit, are additional homes being added to a subdivision?

Yes

No

If yes, please explain: _____

4. If the site **does not** have an LPDES permit or if the construction will result in an **increased discharge**, the party or developer responsible for construction plans and specifications must provide a Request for Preliminary Determination (RPD), Notice of Intent (NOI), or a request for permit modification within **14 days** of submittal of the Construction NOI to: DEQ, OES, Post Office Box 4313, Baton Rouge, LA 70821-4313, Attn: Water Permits Division. Failure to submit this information may result in denial of this and/or any future applications for discharge of wastewater to waters of the state. The "Request for Preliminary Determination of LPDES Permit Issuance Form" requests the information referenced above and can be accessed on our web page at <http://deq.louisiana.gov/page/lpdes-water-permits>.

SECTION II - LAC 33.I.1701 REQUIREMENTS

A. Does the company or owner have federal or state environmental permits in other states that are identical to, or of a similar nature to, the permit for which you are applying? (This requirement applies to all individuals, partnerships, corporations, or other entities who own a controlling interest of 50% or more in your company, or who participate in the environmental management of the site for an entity applying for the permit or an ownership interest in the permit.)

Permits in Louisiana. List Permit Numbers: _____

Permits in other states (list states): _____

No environmental permits.

B. Do you owe any outstanding fees or final penalties to the Department? Yes No
If yes, please explain.

C. Is your company a corporation or limited liability company? Yes No
If yes, is the corporation or LLC registered with the Secretary of State? Yes No

SECTION III - SIGNATURE

According to the Louisiana Water Quality Regulations, LAC 33:IX.2503, the following requirements shall apply to the signatory page in this application:

Chapter 25. Permit Application and Special LPDES Program Requirements

2503. Signatories to permit applications and reports

- A. All permit applications shall be signed as follows:
1. For a corporation - by a responsible corporate officer. For the purpose of this Section responsible corporate officer means:
 - (a) A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy- or decision-making functions for the corporation, or
 - (b) The manager of one or more manufacturing, production, or operating sites provided: the manager is authorized to make management decisions that govern the operation of the regulated site, including having the explicit or implicit duty of making major capital investment recommendations and initiating and directing other comprehensive measures to ensure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken together complete and accurate information for permit application requirements; and the authority to sign documents has been assigned or delegated to the manager in accordance with corporation procedures.
- NOTE:** LDEQ does not require specific assignments or delegations of authority to responsible corporate officers identified in the Permit **Standard Permit Conditions, Part VI.G.1.a(1)**. The agency will presume that these responsible corporate officers have the requisite authority to sign permit applications unless the corporation has notified the state administrative authority to the contrary. Corporate procedures governing authority to sign permit applications may provide for assignment or delegation to applicable corporate positions under Permit **Standard Permit Conditions, Part VI.G.1a.(2)** rather than to specific individuals.
2. For a partnership or sole proprietorship - by a general partner or the proprietor, respectively; or
 3. For a municipality, state, federal or other public agency – by either a principal executive officer or ranking elected official. For the purposes of this section a principal executive officer of a federal agency includes:
 - (a) The chief executive officer of the agency, or
 - (b) A senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrators of EPA).

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage this system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I also certify that a storm water pollution prevention plan, including both construction and post construction controls, has been prepared for the site in accordance with the permit and that such plan complies with approved State, Tribal and/or local sediment and erosion plans or permits and/or storm water management plans or permits. I am aware that signature and submittal of the NOI is deemed to constitute my determination of eligibility under one or more of the requirements of Permit Part I.A.3.e(1), related to the Endangered Species Act requirements. To the best of my knowledge, I further certify that such discharges and discharge related activities will not have an effect on properties listed or eligible for listing on the National Register of Historic Places under the National Historic Preservation Act, or are otherwise eligible for coverage under Part I.A.3.f of the permit. I am also aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NOTE: SIGNATURE MUST COMPLY WITH REQUIREMENTS STATED ABOVE IN SECTION III.

Signature _____

Printed Name _____

Title _____

Company _____

Email _____

Date _____

Telephone _____

Federal Tax ID _____

*****ANY NOI THAT DOES NOT CONTAIN ALL OF THE REQUESTED INFORMATION WILL BE CONSIDERED INCOMPLETE. NOI PROCESSING CANNOT PROCEED UNTIL ALL REQUIRED INFORMATION HAS BEEN SUBMITTED.**

FEES AND TERMINATION OF PERMIT

Permit Annual Fee:

All payments made by check, draft, or money order shall be made payable to the “Louisiana Department of Environmental Quality.” We **DO NOT** accept cash payments. For online payments, see <http://business.deq.louisiana.gov/>.

Perm LAG 33:IX.1309.E and 1309.N, you must submit the annual permit fee(s) as follows:

0 months – 1 year:	\$291.00
2 year:	\$582.00
3 years:	\$873.00
4 years:	\$1164.00
5 years:	\$1455.00

- Check / Money Order NO. _____
- Amount of Check / Money Order _____
- Date of Check or Money Order _____
- Name on Check or Money Order _____
- Attach a copy of the e-receipt, if paid online.

TERMINATION OF PERMIT COVERAGE

Termination of coverage under the LAR100000 is automatic and no Notice of Termination (NOT) is required to be submitted to the Department of Environmental Quality. An NOT may be submitted prior to the pre-determined termination date due to a change of ownership or a change in operator, as coverage under the LAR100000 is not transferable.

All storm water discharges associated with construction activity from the portion of the site or area identified on this NOI must cease by the termination date and the owner/operator must comply with all stabilization requirements contained in the general permit. The termination date will be determined by the number of years selected by the applicant and the date the Notice of Intent was received by the Water Permits Division. To clarify, a Notice of Intent that is received and processed on February 1, 2020 and where the applicant selected one year of coverage shall automatically terminate on January 31, 2021. The termination date will be noted on your letter of authorization. If continuation of this permit is needed beyond the selected number of years, please apply for a Notice of Extension 30 days before the termination date of your permit authorization expires. Please submit two copies (one original and one copy) of the completed and signed NOE Forms.

APPENDIX A

ENDANGERED SPECIES GUIDANCE

I. INSTRUCTIONS

A list of endangered and threatened species that the US Fish and Wildlife Service (FWS) has determined may be affected by the activities covered by the Construction General Permit is available in the Fish and Wildlife Service Memorandum of Understanding (MOU) letter at <http://deq.louisiana.gov/page/lpdes>.

The species listing by parish is found using the link labeled Endangered Species Act (ESA) and Migratory Bird Treaty Act (MBTA) Project Review. In order to be eligible for coverage under this permit, operators must:

- Determine whether any species listed in this Guidance or critical habitat are in proximity to the site,
- Pursuant to Permit Part I.A.3.e follow the procedures found in this Guidance to protect listed endangered and/or threatened species and designated critical habitat and determine that the storm water discharges and BMPs to control storm water runoff covered under this permit meet one or more of the eligibility requirements of Part I.A.3.e.(1) of this permit. Signature and submittal of the Notice of Intent form is deemed to constitute the Operator's compliance with eligibility requirements for permit coverage.

To determine permit eligibility and to avoid unauthorized impacts upon listed threatened or endangered species or on the critical habitat for those species, the operator must follow this Guidance's Steps 1 through 4 (and 5 if applicable) when developing the SWPPP.

NOTE: At any step in the determination operators may contact the FWS for guidance. That request should be in writing and should include a description of the facility and a topographic map depicting the locations of the facility, the proposed construction activities, and the associated storm water discharges.

U.S. Fish and Wildlife Service
646 Cajundome Boulevard
Suite 400
Lafayette, LA 70506
(337) 291-3108

STEP 1: DETERMINE IF THE CONSTRUCTION SITE OR ASSOCIATED STORM WATER DISCHARGES ARE WITHIN THE VICINITY OF FEDERALLY LISTED THREATENED OR ENDANGERED SPECIES, OR THEIR DESIGNATED CRITICAL HABITAT.

If either the proposed site or the path of storm water from the site to the receiving stream is in a parish included on the Endangered Species List, the applicant shall proceed to Step 2 below. If, however, neither is located in a listed parish, then the applicant shall enter "no" in Section I.D.3 of the NOI, and move on to the next item.

If no species are listed in the site's parish or if a site's parish is not found on the list, the applicant is eligible for permit coverage and may indicate in the Notice of Intent that no species are found in the project area and certify that it is eligible for permit coverage by marking "No" on the NOI. Where a project is located in more than one parish, the lists for all parishes shall be reviewed.

STEP 2: DETERMINE IF ANY SPECIES MAY BE FOUND "IN PROXIMITY" TO THE CONSTRUCTION ACTIVITY'S STORM WATER DISCHARGES:

A species is in proximity to a construction activity's storm water discharge when the species is:

- Located in the path or immediate area through which or over which contaminated point source storm water flows from construction activities to the point of discharge into the receiving water; or
- Located in the immediate vicinity of, or nearby, the point of discharge into receiving waters; or
- Located in the area of a site where storm water BMPs are planned or are to be constructed.

The area in proximity to be searched/surveyed for listed species will vary with the size and structure of the construction activity, the nature and quantity of the storm water discharges, and the type of receiving waters. Given the number of construction activities potentially covered by the permit, no specific method to determine whether species are in proximity is required for permit coverage. Instead, operators should use the method or methods which best allow them to determine to the best of their knowledge whether species are in proximity to their particular construction activities. These methods may include:

- Conducting visual inspections: This method may be particularly suitable for construction sites that are smaller in size or located in non-natural settings such as highly urbanized areas or industrial parks where there is little or no natural habitat, or for construction activities that discharge directly into municipal storm water collection systems.
- Contacting the nearest State or Tribal Wildlife Agency or U.S. Fish and Wildlife Service (FWS) offices. Many endangered and threatened species are found in well-defined areas or habitats. That information is frequently known to State, Tribal, or Federal wildlife agencies.
- Contacting local/regional conservation groups. These groups inventory species and their locations and maintain lists of sightings and habitats.
- Conducting a formal biological survey. Larger construction sites with extensive storm water discharges may choose to conduct biological surveys as the most effective way to assess whether species are located in proximity and whether there are likely adverse effects.
- Conducting an Environmental Assessment Under the National Environmental Policy Act (NEPA). Some construction activities may require environmental assessments under the NEPA. Such assessments may indicate if listed species are in proximity. (Construction General Permit coverage does not trigger the NEPA because it does not regulate any dischargers subject to New Source Performance Standards under Section 306 of the Clean Water Act. See CWA 511(c). However, some construction activities might require review under the NEPA because of federal funding or other federal nexus.)
- Using the ESA and MBTA project review application at the FWS Louisiana Ecological Services website (<http://www.fws.gov/lafayette/pdc/>).

If no species are in proximity and there is no likelihood of any BMPs to control storm water causing adverse effects on species identified in in this addendum, an operator is eligible for Construction General Permit coverage based upon this **Criterion A**.

If adverse effects are determined to be unlikely, then the operator is eligible for permit coverage.

If listed species are found in proximity to a facility, operators must indicate the location and nature of this presence in the storm water pollution prevention plan (SWPPP) and follow Step 3.

STEP 3: DETERMINE IF SPECIES OR CRITICAL HABITAT COULD BE ADVERSELY AFFECTED BY THE CONSTRUCTION ACTIVITY'S STORM WATER DISCHARGES OR BY BMPs TO CONTROL THOSE DISCHARGES.

Scope of Adverse Effects: Potential adverse effects from storm water include:

- Hydrological. Storm water may cause siltation, sedimentation or induce other changes in the receiving waters such as temperature, salinity or pH. These effects will vary with the amount of storm water discharged and the volume and condition of the receiving water. Where a storm water discharge constitutes a minute portion of the total volume of the receiving water, adverse hydrological effects are less likely.
- Habitat. Storm water may drain or inundate listed species habitat.
- Toxicity. In some cases, pollutants in storm water may have toxic effects on listed species.

The scope of effects to consider will vary with each site. Operators must also consider the likelihood of adverse effects on species from any BMPs to control storm water. Most adverse impacts from BMPs are likely to occur from the construction activities. However, it is possible that the operation of some BMPs (for example, larger storm water retention ponds) may affect endangered and threatened species.

If adverse effects are determined to be unlikely, then the operator is eligible for permit coverage

If adverse effects are likely, operators should follow step 4 below.

STEP 4: DETERMINE IF MEASURES CAN BE IMPLEMENTED TO AVOID ANY ADVERSE EFFECTS:

If it is determined that adverse effects cannot be ruled out or are likely, the operator can receive coverage if appropriate measures are undertaken to avoid or eliminate any actual or potential adverse effects prior to applying for permit coverage. These measures may involve relatively simple changes to construction activities such as re-routing a storm water discharge to bypass an area where species are located, relocating BMPs, or limiting the size of construction activity that will be subject to storm water discharge controls.

At this stage, operators must contact the FWS [or the National Marine Fisheries Service (NMFS) if referred to that Service by the FWS] to see what appropriate measures might be suitable to avoid or eliminate adverse impacts to listed species and/or critical habitat. This can entail the initiation of informal coordination with the FWS (and/or NMFS, if appropriate) which is described in more detail in Step 5.

If operators adopt measures to avoid or eliminate adverse effects they must continue to abide by them during the course of permit coverage. These measures must be described in the SWPPP and may be enforceable as permit conditions.

If appropriate measures to avoid the likelihood of adverse effects are not available, then the operator must follow Step 5.

STEP 5: CONSULTATION WITH FWS TO DETERMINE IF THE ELIGIBILITY REQUIREMENTS CAN BE MET

Where adverse effects are likely, the operator must contact the FWS. The operator may still be eligible for permit coverage if any likelihood of adverse effects is addressed by meeting at least one of the following criteria, as required by Part I.A.3.e.(1)(b)-(e), if:

- **Criterion B.** The operator's activity has received previous authorization through an earlier Section 7 consultation or issuance of a ESA Section 10 permit (incidental taking permit) and that authorization addressed storm water discharges and/or BMPs to control storm water runoff (e.g., developer included impact of entire project in consultation over a wetlands dredge and fill permit under Section 7 of the ESA).

OR

- **Criterion C.** The operator's activity was previously considered part of a larger, more comprehensive assessment of impacts on endangered and threatened species and/or critical habitat, under Section 7 or Section 10 of the ESA, which accounts for storm water discharges and BMPs to control storm water runoff (e.g., where an area-wide habitat conservation plan and the ESA's Section 10 permit is issued which addresses impacts from construction activities, including those from storm water, or a NEPA review is conducted which incorporates the ESA Section 7 procedures).

OR

- **Criterion D.** Consultation with the USFWS (or NMFS, if appropriate) for the operator's storm water discharges and BMPs to control storm water runoff results in either: 1) FWS/NMFS written concurrence with a finding of no likelihood of adverse effects (see 50 CFR 402.13) or 2) issuance of a biological opinion in which USFWS (or NMFS) finds that the action is not likely to jeopardize the continued existence of listed endangered or threatened species or result in the adverse modification or destruction of critical habitat [see 50 CFR 403.14(h)].

Any terms and conditions developed through consultations to protect listed species and critical habitat must be incorporated into the SWPPP. As noted above, operators must initiate consultation during Step 4 (upon becoming aware that endangered and threatened species are in proximity to the facility).

OR

- **Criterion E.** The operator's activity was considered part of a larger, more comprehensive site-specific assessment of impacts on endangered and threatened species by the owner or other operator of the site when it developed a SWPPP and that permittee met the eligibility requirements stated in Criterion A, B, C, or D [e.g., owner was able to determine there would be no adverse impacts for the project as a whole under Criterion A, so contractor meets the eligibility requirements stated Criterion D]. Utility companies applying for area-wide permit coverage meet the eligibility requirements stated in Criterion D since authorization to discharge is contingent on a principal operator of a construction project having been granted coverage under this or an alternative LPDES permit for the areas of the site where utilities installation activities will occur.

The determination of eligibility of Criteria B - D shall be documented in the facility's SWPPP, and copies of all applicable documents, such as the FWS approval letters, shall be retained with the SWPPP. The operator must comply with any terms and conditions imposed under the all eligibility criteria requirements to ensure that storm water discharges or BMPs used to control storm water runoff are

protective of listed endangered and threatened species and/or critical habitat. Such terms and conditions must be incorporated in the operator's SWPPP.

If the eligibility requirements of Criteria A - D cannot be met, then the operator may not receive coverage under this permit and should consider applying to the LDEQ for an individual permit.

This permit does not authorize any "taking" (as defined under Section 9 of the ESA) of endangered or threatened species unless such takes are authorized under Section 7 or 10 the ESA. Operators who believe their construction activities may result in takes of listed endangered and threatened species should be sure to get the necessary coverage for such takes through an individual consultation or Section 10 permit of the ESA.

This permit does not authorize any storm water discharges or BMPs to control storm water runoff that are likely to jeopardize the continued existence of any species that are listed as endangered or threatened under the ESA or result in the adverse modification or destruction of designated critical habitat.

II. ENDANGERED SPECIES PARISH LIST

See: <http://deq.louisiana.gov/page/lpdes>. Click on **Water**, then **Permits**, then **LPDES Permit Information**, then the "U.S. Fish and Wildlife Service [Endangered Species Act \(ESA\) and Migratory Bird Treaty Act \(MBTA\) Project Review](#)" under **LPDES Support Documents**.

APPENDIX B HISTORIC PROPERTIES GUIDANCE

Operators must determine whether their site's storm water discharge or the construction of best management practices (BMPs) to control such discharges, have potential to affect a property that is either listed or eligible for listing on the National Register of Historic Places.

For existing operators who do not need to construct BMPs for permit coverage, a simple visual inspection may be sufficient to determine whether historic properties are affected. However, for sites which are new storm water dischargers, and for existing sites which are planning to construct BMPs for permit eligibility, operators shall conduct further inquiry to determine whether historic properties may be affected by the storm water discharge or BMPs to control the discharge. In such instances, operators shall first determine whether there are any historic properties or places in the vicinity that are listed on the National Register, or if any are eligible for listing on the register (e.g., they are "eligible for listing").

Due to the large number of entities seeking coverage under this permit and the limited number of personnel available to the State Historic Preservation Officer to respond to inquiries concerning the location of historic properties, it is suggested that operators first access the "National Register of Historic Places" information listed on the National Park Service's web page at the address listed below. The address for the Louisiana State Historic Preservation Officer is also listed below. Operators may also contact city, parish or other local historical societies for assistance, especially when determining if a place or property is eligible for listing on the register.

The following scenarios describe how operators can meet the permit eligibility criteria for protection of historic properties under this permit:

(1) If historic properties are **not identified** in the path of a site's industrial storm water discharge, or where construction activities are planned to install BMPs to control such discharges (e.g., diversion channels or retention ponds), or

if historic properties **are identified**, but it is determined that they will **not be affected** by the discharge, or construction of BMPs to control the discharge,

then the operator has met the permit eligibility criteria under Part I.A.3.f.

(2) If historic properties **are identified** in the path of a site's industrial storm water discharge, or where construction activities are planned for the installation of BMPs to control such discharges, and it is determined that **there is the potential** to adversely affect the property, the operator can still meet the permit eligibility criteria if he/she obtains and complies with a written agreement with the State Historic Preservation Officer, which outlines measures that the operator will follow to mitigate or prevent those adverse effects. The contents of such a written agreement must be included in the site's storm water pollution prevention plan.

In situations where an agreement cannot be reached between an applicant and the State Historic Preservation Officer, applicants shall contact the Advisory Council on Historic Preservation listed below in this addendum for assistance.

The term "adverse effects" includes, but is not limited to, damage, deterioration, alteration, or destruction of the historic property or place. LDEQ encourages operators to contact the appropriate State or Tribal Historic Preservation Officer as soon as possible in the event of a potential adverse effect to a historic property.

Operators are reminded that they must comply with all applicable State and local laws concerning the protection of historic properties and places.

I. Internet Information on the National Register of Historic Places

An electronic listing of the "National Register of Historic Places," as maintained by the National Park Service on its National Register Information System (NRIS), can be accessed on the Internet at <https://www.nps.gov/subjects/nationalregister/index.htm>.

II. Louisiana State Historic Preservation Officer (SHPO)

Louisiana, SHPO, Office of Cultural Development, Post Office Box 44247, Baton Rouge, LA 70804-4247. For questions contact the Section 106 Review Coordinator, Telephone: (225) 342-8170.

III. Louisiana Tribes and Their Historic Preservation Officers

For questions related to identifying and protecting tribal cultural resources, operators shall contact tribal leaders. A list of Louisiana Tribes and Their Historic Preservation Officers can be found at <https://www.crt.state.la.us/Assets/OCD/archaeology/nativeamericancontacts/NatAmContacts.pdf>. LDEQ does not have the authority to issue LPDES permits for activities on federal Native American lands.

APPENDIX C
Outstanding Natural Resource Waters

ATCHAFALAYA RIVER BASIN:

None

BARATARIA BASIN:

Bayou Des Allemands – from Lac Des Allemands to old US 90

Bayou Des Allemands – from Highway 90 to Lake Salvador

CALCASIEU RIVER BASIN:

Calcasieu River – from LA Highway 8 to the Rapides/Allen Parish line

Calcasieu River – from Rapides-Allen Parish line to Marsh Bayou

Calcasieu River – from Marsh Bayou to saltwater barrier

Whiskey Chitto Creek – from the southern boundary of Fort Polk Military Reservation to the Calcasieu River

Six Mile Creek – East and West Forks from the southern boundary of Fort Polk Military Reservation to Whiskey Chitto Creek

Ten Mile Creek – from headwaters to Whiskey Chitto Creek

LAKE PONTCHARTRAIN BASIN:

Comite River – from Wilson-Clinton Highway to White Bayou

Amite River – from Mississippi State Line to LA Highway 37

Blind River – from the Amite River Diversion Canal to the mouth at Lake Maurepas

Blind River – from headwaters to Amite River Diversion Canal

Tickfaw River – from the Mississippi State Line to LA Highway 42

Tangipahoa River – from the Mississippi State Line to I-12

Chappepeela Creek – from Louisiana Highway 1062 to Tangipahoa River

Tchefuncte River – from headwaters to Bogue Falaya River, includes tributaries

Lower Tchefuncte River – from Bogue Falaya River to LA Highway 22

Bogue Falaya River – from headwaters to Tchefuncte River

Bayou Lacombe – from headwaters to Interstate Highway 12

Bayou Lacombe – from CDM Ecoregion boundary to Lake Pontchartrain

Bayou Lacombe – from Interstate Highway 12 to US Highway 190

Bayou Lacombe – from US Highway 190 to CDM Ecoregion boundary

Bayou Cane – from the headwaters to U.S. Highway 190

Bayou Cane – from CDM Ecoregion boundary to Lake Pontchartrain

Bayou Labranche – from headwaters to Lake Pontchartrain

Bayou Trepagnier – from Norco to Bayou Labranche

Bayou St. John

Bayou Chaperon

Bashman Bayou – from headwaters to Bayou Dupre

Bayou Dupre – from Lake Borgne Canal to Terre Beau Bayou

Lake Borgne Canal – from the Mississippi River siphon at Violet to Bayou Dupre; also called Violet Canal

Pirogue Bayou – from Bayou Dupre to New Canal

Terre Beau Bayou – from Bayou Dupre to New Canal

Bayou Bienvenue – from Bayou Villere to Lake Borgne

MERMENTAU RIVER BASIN:

None

VERMILION-TECHE RIVER BASIN:

Spring Creek – from headwaters to Cocodrie Lake

Bayou Cocodrie – from U.S. Highway 167 to the Bayou Boeuf-Cocodrie Diversion Canal

MISSISSIPPI RIVER BASIN:

None

OUACHITA RIVER BASIN:

Bayou Bartholomew – from Arkansas State Line to Ouachita River

Bayou de L’Outre – from the Arkansas State Line to the Ouachita River

Bayou D’Arbonne – from Bayou D’Arbonne Lake to the Ouachita River

Corney Bayou – from the Arkansas State Line to Corney Lake

Corney Bayou – from Corney Lake to Bayou D’Arbonne Lake

Middle Fork of Bayou D’Arbonne – from headwaters to Bayou D’Arbonne Lake

Little River – from Bear Creek to Catahoula Lake

Fish Creek – from headwaters to Little River

Trout Creek – from headwaters to Little River

Big Creek – from the headwaters to Little River

PEARL RIVER BASIN:

Holmes Bayou – from Pearl River to West Pearl River

West Pearl River – from headwaters to Holmes Bayou

West Pearl River – from Holmes Bayou to The Rigolets; includes the east and west mouths)

Morgan River – from Porters River to West Pearl River

Wilson Slough – from Bogue Chitto to West Pearl River

Bradley Slough - from Bogue Chitto to West Pearl River

Pushepatapa Creek – from headwaters and tributaries at Mississippi State Line to Pearl River flood plain

Bogue Chitto River – from Mississippi State Line to Pearl River Navigation Canal

RED RIVER BASIN:

Bayou Dorcheat – from Arkansas State Line to Lake Bistineau

Black Lake Bayou – from one mile north of Leatherman Creek to Black Lake

Saline Bayou – from headwaters near Arcadia to Saline Lake

Kisatchie Bayou – from its Kisatchie National Forest to Old River

Saline Bayou – from Larto Lake to Saline Lake

Bayou Cocodrie – from Little Cross Bayou to Wild Cow Bayou

SABINE RIVER BASIN:

Pearl Creek – from headwaters to Sabine River

TERREBONNE BASIN:

Bayou Penchant – from Bayou Chene to Lake Penchant

Appendix E –Corrective Action Log

Project Name: Clearview Multifamily
SWPPP Contact:

Inspection Date	Inspector Name(s)	Description of BMP Deficiency	Corrective Action Needed (including planned date/responsible person)	Date Action Taken/Responsible person

Appendix F –SWPPP Amendment Log

Project Name: Clearview Multifamily
SWPPP Contact:

Amendment No.	Description of the Amendment	Date of Amendment	Amendment Prepared by [Name(s) and Title]

Appendix G –General Contractor Certifications/Agreements

GENERAL CONTRACTOR CERTIFICATION
STORMWATER POLLUTION PREVENTION PLAN
SPRINGS AT FREMAUX, SLIDELL, LA

As a general contractor, you are required to comply with the Stormwater Pollution Prevention Plan (SWPPP) for any work that you perform on-site. Any person or group who violates any condition of the SWPPP may be subject to substantial penalties or loss of contract. You are encouraged to advise each of your employees working on this project of the requirements of the SWPPP. A copy of the SWPPP is available for your review at the office trailer.

A general contractor engaged in activities at the construction site that could impact stormwater must be identified and sign the following certification statement:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, to the best of my knowledge and belief, true, accurate, and complete. I also certify that a storm water pollution prevention plan, including both construction and post construction controls, has been prepared for the site in accordance with the permit and that such plan complies with approved State, Tribal and/or local sediments and erosion plans or permits and/or storm water management plans or permits. I am aware that signature and submittal of the NOI is deemed to constitute my determination of eligibility under one or more of the requirements of Permit Part I.A.3.e(1), related to the Endangered Species Act requirements. To the best of my knowledge, I further certify that such discharges and discharge related activities will not have an effect on properties listed or eligible for listing on the National Register of Historic Places under the National Historic Preservation Act, or are otherwise eligible for coverage under Part I.A.3.f of the permit. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

This certification is hereby signed in reference to the above named project:

Company: _____

Address: _____

Telephone Number: _____

Type of construction service to be provided: _____

Signature: _____

Title: _____

Date: _____

Appendix G –Subcontractor Certifications/Agreements

SUBCONTRACTOR CERTIFICATION
STORMWATER POLLUTION PREVENTION PLAN
CLEARVIEW MULTIFAMILY, METAIRIE, LA

As a subcontractor, you are required to comply with the Stormwater Pollution Prevention Plan (SWPPP) for any work that you perform on-site. Any person or group who violates any condition of the SWPPP may be subject to substantial penalties or loss of contract. You are encouraged to advise each of your employees working on this project of the requirements of the SWPPP. A copy of the SWPPP is available for your review at the office trailer.

A subcontractor engaged in activities at the construction site that could impact stormwater must be identified and sign the following certification statement:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, to the best of my knowledge and belief, true, accurate, and complete. I also certify that a storm water pollution prevention plan, including both construction and post construction controls, has been prepared for the site in accordance with the permit and that such plan complies with approved State, Tribal and/or local sediments and erosion plans or permits and/or storm water management plans or permits. I am aware that signature and submittal of the NOI is deemed to constitute my determination of eligibility under one or more of the requirements of Permit Part I.A.3.e(1), related to the Endangered Species Act requirements. To the best of my knowledge, I further certify that such discharges and discharge related activities will not have an effect on properties listed or eligible for listing on the National Register of Historic Places under the National Historic Preservation Act, or are otherwise eligible for coverage under Part I.A.3.f of the permit. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

This certification is hereby signed in reference to the above named project:

Company: _____

Address: _____

Telephone Number: _____

Type of construction service to be provided: _____

Signature: _____

Title: _____

Date: _____

Appendix H –Grading and Stabilization Activities Log

Project Name: Clearview Multifamily
SWPPP Contact:

Date Grading Activity Initiated	Description of Grading Activity	Date Grading Activity Ceased (Indicate Temporary or Permanent)	Date When Stabilization Measures are Initiated	Description of Stabilization Measure and Location

Appendix I –SWPPP Training Log

Stormwater Pollution Prevention Training Log

Project Name: _____

Project Location: _____

Instructor's Name(s): _____

Instructor's Title(s): _____

Course Location: _____ Date: _____

Course Length (hours): _____

Stormwater Training Topic: *(check as appropriate)*

- Erosion Control BMPs Emergency Procedures
 Sediment Control BMPs Good Housekeeping BMPs
 Non-Stormwater BMPs

Specific Training Objective: _____

Attendee Roster: *(attach additional pages as necessary)*

No.	Name of Attendee	Company
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Appendix J –Delegation of Authority Form

Delegation of Authority

I, _____ (name), hereby designate the person or specifically described position below to be a duly authorized representative for the purpose of overseeing compliance with environmental requirements, including the Construction General Permit, at the _____ construction site. The designee is authorized to sign any reports, stormwater pollution prevention plans and all other documents required by the permit.

(name of person or position)
(company)
(address)
(city, state, zip)
(phone)

By signing this authorization, I confirm that I meet the requirements to make such a designation as set forth in LDEQ General Permit for Large Construction Sites, and that the designee above meets the definition of a “duly authorized representative” as set forth in LDEQ General Permit for Large Construction Sites.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name: _____

Company: _____

Title: _____

Signature: _____

Date: _____

Appendix K –Additional Information

Includes:

- TMDL Data
- Endangered Species Documentation
- Historic Preservation Documentation
- Annual Rainfall Data

Appendix A: Final Approved 2018 Integrated Report of Water Quality in Louisiana Corrected February 10, 2020

Description of Codes and Acronyms:

Water Body Types: R = Rivers; L = Lakes; E = Estuaries; W = Wetlands; C = Coastal Waters

Use Support Codes for Designated Uses: F = Fully supporting designated use

N = Not supporting designated use

I = Insufficient data to make reliable determination

X = No data

Water Body Sizes: R = Miles; L = Acres; E = Square Miles; W = Acres; C = Miles

Designated Use PCR = Primary Contact Recreation (swimming)

Descriptions: SCR = Secondary Contact Recreation (boating)

FWP = Fish and Wildlife Propagation (fishing)

DWS = Drinking Water Supply

ONR = Outstanding Natural Resource

OYS = Oyster Propagation

AGR = Agriculture

LAL = Limited Aquatic Life and Wildlife

Follow-up Data Comments: CTM Full: Lead = Follow-up ultra-clean metals sampling indicates full support

IR Category for Suspected Causes: IRC 5 = 303(d) List

IRC 5-Alt = 303(d) List but LDEQ will implement alternative corrective strategies

IRC 5RC = 303(d) List but criteria revisions (Revise Criteria (RC)) are planned

IRC 4a = TMDL completed

IRC 4b = Other corrective actions in place

IRC 3 = Insufficient data to make a reliable determination

IRC 1 = No impairment, fully supporting all uses

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA010101_00	Atchafalaya River Headwaters and Floodplain-From Old River Control Structure to Simmesport; includes Old River Diversion Channel, Lower Red River, Lower Old River	W	86,400.0	F	F	F										
LA010201_00	Atchafalaya River Mainstem-From Simmesport to Whiskey Bay Pilot Channel at mile 54	R	49.4	F	F	F										
LA010301_00	West Atchafalaya Basin Floodway-From Simmesport to Butte LaRose Bay and Henderson Lake	W	199,040.0	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA010301_00	West Atchafalaya Basin Floodway-From Simmesport to Butte LaRose Bay and Henderson Lake	W	199,040.0	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA010301_00	West Atchafalaya Basin Floodway-From Simmesport to Butte LaRose Bay and Henderson Lake	W	199,040.0	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA010301_001	Henderson Lake-Located within subsegment LA010301_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	L	4,417.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA010301_001	Henderson Lake-Located within subsegment LA010301_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	L	4,417.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA010301_002	Lake Bigeux-Located within subsegment LA010301_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	L	393.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA010301_002	Lake Bigeux-Located within subsegment LA010301_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	L	393.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA010301_003	Two o'Clock Bayou - From Louisiana Highway 190 to Craft Lake; includes Cowan Bay, Close Lake, and Craft Lake. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq.	R	6.8			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA010301_003	Two o'Clock Bayou - From Louisiana Highway 190 to Craft Lake; includes Cowan Bay, Close Lake, and Craft Lake. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq.	R	6.8			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA010401_00	East Atchafalaya Basin and Morganza Floodway South to I-10 Canal	W	195,840.0	F	F	F										
LA010401_001	Big Alabama-Located within LA010401_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	13.1			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA010401_001	Big Alabama-Located within LA010401_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	13.1			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA010501_00	Lower Atchafalaya Basin Floodway-From Whiskey Bay Pilot Channel at mile 54 to US-90 bridge in Morgan City; includes Grand Lake and Six-Mile Lake	W	464,000.0	F	F	F	N					DWS	COLOR	IRC 5	L	SOURCE UNKNOWN
LA010501_001	I-10 Canal-Located within subsegment LA010501_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	8.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA010501_001	I-10 Canal-Located within subsegment LA010501_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	8.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA010501_002	Work Canal-Located within subsegment LA010501_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	10.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA010501_002	Work Canal-Located within subsegment LA010501_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	10.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA010501_00533411	Bristow Bayou-Located within subsegment LA010501_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	7.8			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA010501_00533411	Bristow Bayou-Located within subsegment LA010501_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	7.8			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA010502_00	Intracoastal Waterway (ICWW)-Morgan City-Port Allen Route from Bayou Sorrel Lock to Morgan City	R	33.6	F	F	F	F									
LA010601_00	Crow Bayou, Bayou Blue and Tributaries	R	28.2	F	F	N						FWP	CHLORIDE	IRC 4a		INDUSTRIAL POINT SOURCE DISCHARGE
LA010601_00	Crow Bayou, Bayou Blue and Tributaries	R	28.2	F	F	N						FWP	CHLORIDE	IRC 4a		NATURAL SOURCES
LA010601_00	Crow Bayou, Bayou Blue and Tributaries	R	28.2	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	AGRICULTURE
LA010601_00	Crow Bayou, Bayou Blue and Tributaries	R	28.2	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	INDUSTRIAL POINT SOURCE DISCHARGE
LA010601_00	Crow Bayou, Bayou Blue and Tributaries	R	28.2	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA010601_00	Crow Bayou, Bayou Blue and Tributaries	R	28.2	F	F	N						FWP	SULFATE	IRC 4a		INDUSTRIAL POINT SOURCE DISCHARGE
LA010601_00	Crow Bayou, Bayou Blue and Tributaries	R	28.2	F	F	N						FWP	SULFATE	IRC 4a		NATURAL SOURCES
LA010601_00	Crow Bayou, Bayou Blue and Tributaries	R	28.2	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 4a		INDUSTRIAL POINT SOURCE DISCHARGE
LA010601_00	Crow Bayou, Bayou Blue and Tributaries	R	28.2	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 4a		NATURAL SOURCES
LA010701_00	Bayou Teche-From Berwick to Wax Lake Outlet	R	13.9	F	F	N	N					DWS	COLOR	IRC 5	L	NATURAL SOURCES
LA010701_00	Bayou Teche-From Berwick to Wax Lake Outlet	R	13.9	F	F	N	N					FWP	DISSOLVED OXYGEN	IRC 5	L	NATURAL SOURCES

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LA010701_00	Bayou Teche-From Berwick to Wax Lake Outlet	R	13.9	F	F	N	N					FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA010801_00	Atchafalaya River-From ICWW south of Morgan City to Atchafalaya Bay; includes Sweetwater Lake and Bayou Shaffer	R	24.3	F	F	F										
LA010802_00	Wax Lake Outlet-From US-90 bridge to Atchafalaya Bay; includes Wax Lake	R	6.7	F	F	F										
LA010803_00	Intracoastal Waterway-From Bayou Boeuf Lock to Bayou Sale; includes Wax Lake Outlet to US-90	R	23.6	F	F	F										
LA010901_00	Atchafalaya Bay and Delta and Gulf Waters to State 3 mile limit	E	405.6	F	F	N			N			FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA010901_00	Atchafalaya Bay and Delta and Gulf Waters to State 3 mile limit	E	405.6	F	F	N			N			FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA010901_00	Atchafalaya Bay and Delta and Gulf Waters to State 3 mile limit	E	405.6	F	F	N			N			OYS	FECAL COLIFORM	IRC 5	M	NATURAL SOURCES
LA010901_00	Atchafalaya Bay and Delta and Gulf Waters to State 3 mile limit	E	405.6	F	F	N			N			OYS	FECAL COLIFORM	IRC 5	M	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA020101_00	Bayou Verret, Bayou Chevreuil, Bayou Citamon and Grand Bayou	R	40.1	N	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		AGRICULTURE
LA020101_00	Bayou Verret, Bayou Chevreuil, Bayou Citamon and Grand Bayou	R	40.1	N	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA020101_00	Bayou Verret, Bayou Chevreuil, Bayou Citamon and Grand Bayou	R	40.1	N	F	N				F		FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		AGRICULTURE
LA020101_00	Bayou Verret, Bayou Chevreuil, Bayou Citamon and Grand Bayou	R	40.1	N	F	N				F		FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		NATURAL SOURCES
LA020101_00	Bayou Verret, Bayou Chevreuil, Bayou Citamon and Grand Bayou	R	40.1	N	F	N				F		FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA020101_00	Bayou Verret, Bayou Chevreuil, Bayou Citamon and Grand Bayou	R	40.1	N	F	N				F		FWP	PHOSPHORUS, TOTAL	IRC 4a		AGRICULTURE
LA020101_00	Bayou Verret, Bayou Chevreuil, Bayou Citamon and Grand Bayou	R	40.1	N	F	N				F		FWP	PHOSPHORUS, TOTAL	IRC 4a		NATURAL SOURCES
LA020101_00	Bayou Verret, Bayou Chevreuil, Bayou Citamon and Grand Bayou	R	40.1	N	F	N				F		PCR	FECAL COLIFORM	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA020101_00	Bayou Verret, Bayou Chevreuil, Bayou Citamon and Grand Bayou	R	40.1	N	F	N				F		PCR	FECAL COLIFORM	IRC 5	L	WATERFOWL
LA020101_00	Bayou Verret, Bayou Chevreuil, Bayou Citamon and Grand Bayou	R	40.1	N	F	N				F		PCR	FECAL COLIFORM	IRC 5	L	WILDLIFE OTHER THAN WATERFOWL

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA020102_00	Bayou Boeuf, Halpin Canal and Theriot Canal	R	23.4	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		INDUSTRIAL POINT SOURCE DISCHARGE
LA020102_00	Bayou Boeuf, Halpin Canal and Theriot Canal	R	23.4	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA020102_00	Bayou Boeuf, Halpin Canal and Theriot Canal	R	23.4	F	F	N				F		FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		INDUSTRIAL POINT SOURCE DISCHARGE
LA020102_00	Bayou Boeuf, Halpin Canal and Theriot Canal	R	23.4	F	F	N				F		FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		NATURAL SOURCES
LA020102_00	Bayou Boeuf, Halpin Canal and Theriot Canal	R	23.4	F	F	N				F		FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA020102_00	Bayou Boeuf, Halpin Canal and Theriot Canal	R	23.4	F	F	N				F		FWP	PHOSPHORUS, TOTAL	IRC 4a		INDUSTRIAL POINT SOURCE DISCHARGE
LA020102_00	Bayou Boeuf, Halpin Canal and Theriot Canal	R	23.4	F	F	N				F		FWP	PHOSPHORUS, TOTAL	IRC 4a		NATURAL SOURCES
LA020103_00	Lake Boeuf	L	1,530.6	F	F	N						FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA020201_00	Bayou Des Allemands-From Lac Des Allemands to old US-90 (Scenic)	R	7.0	F	F	N		N				FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA020201_00	Bayou Des Allemands-From Lac Des Allemands to old US-90 (Scenic)	R	7.0	F	F	N		N				FWP	TURBIDITY	IRC 5RC	L	HIGHWAYS, ROADS, BRIDGES, INFRASTRUCTURE (NEW CONSTRUCTION)
LA020201_00	Bayou Des Allemands-From Lac Des Allemands to old US-90 (Scenic)	R	7.0	F	F	N		N				FWP	TURBIDITY	IRC 5RC	L	NATURAL SOURCES
LA020201_00	Bayou Des Allemands-From Lac Des Allemands to old US-90 (Scenic)	R	7.0	F	F	N		N				FWP	TURBIDITY	IRC 5RC	L	SEDIMENT RESUSPENSION (CLEAN SEDIMENT)
LA020201_00	Bayou Des Allemands-From Lac Des Allemands to old US-90 (Scenic)	R	7.0	F	F	N		N				ONR	TURBIDITY	IRC 5RC	L	HIGHWAYS, ROADS, BRIDGES, INFRASTRUCTURE (NEW CONSTRUCTION)
LA020201_00	Bayou Des Allemands-From Lac Des Allemands to old US-90 (Scenic)	R	7.0	F	F	N		N				ONR	TURBIDITY	IRC 5RC	L	NATURAL SOURCES
LA020201_00	Bayou Des Allemands-From Lac Des Allemands to old US-90 (Scenic)	R	7.0	F	F	N		N				ONR	TURBIDITY	IRC 5RC	L	SEDIMENT RESUSPENSION (CLEAN SEDIMENT)

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA020202_00	Lac Des Allemands	L	16,362.6	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	NATURAL SOURCES
LA020202_00	Lac Des Allemands	L	16,362.6	F	F	N						FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA020301_00	Bayou Des Allemands-From US-90 to Lake Salvador (Scenic)	R	13.7	N	F	N		N				FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA020301_00	Bayou Des Allemands-From US-90 to Lake Salvador (Scenic)	R	13.7	N	F	N		N				FWP	TURBIDITY	IRC 5	L	FORCED DRAINAGE PUMPING
LA020301_00	Bayou Des Allemands-From US-90 to Lake Salvador (Scenic)	R	13.7	N	F	N		N				FWP	TURBIDITY	IRC 5	L	SEDIMENT RESUSPENSION (CLEAN SEDIMENT)
LA020301_00	Bayou Des Allemands-From US-90 to Lake Salvador (Scenic)	R	13.7	N	F	N		N				ONR	TURBIDITY	IRC 5	L	FORCED DRAINAGE PUMPING
LA020301_00	Bayou Des Allemands-From US-90 to Lake Salvador (Scenic)	R	13.7	N	F	N		N				ONR	TURBIDITY	IRC 5	L	SEDIMENT RESUSPENSION (CLEAN SEDIMENT)
LA020301_00	Bayou Des Allemands-From US-90 to Lake Salvador (Scenic)	R	13.7	N	F	N		N				PCR	FECAL COLIFORM	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA020301_00	Bayou Des Allemands-From US-90 to Lake Salvador (Scenic)	R	13.7	N	F	N		N				PCR	FECAL COLIFORM	IRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA020301_00	Bayou Des Allemands-From US-90 to Lake Salvador (Scenic)	R	13.7	N	F	N		N				PCR	FECAL COLIFORM	IRC 5	L	WILDLIFE OTHER THAN WATERFOWL
LA020302_00	Bayou Gauche	R	3.2	F	F	N						FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA020303_00	Lake Cataouatche and Tributaries	L	9,893.8	F	F	N						FWP	TURBIDITY	IRC 5	L	WATER DIVERSIONS
LA020303_001	Luling Wetland-Forested wetland located 1.8 miles south of US-90 at Luling, east of the Luling wastewater treatment pond, bordered by Cousin Canal to the west and Louisiana Cypress Lumber Canal to the south	W	1,720.0		X	F										
LA020304_00	Lake Salvador	L	49,476.5	F	F	N						FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)

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LA020401_00	Bayou Lafourche-From Donaldsonville to ICWW at Larose	R	67.4	N	F	N	F					FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA020401_00	Bayou Lafourche-From Donaldsonville to ICWW at Larose	R	67.4	N	F	N	F					PCR	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA020401_00	Bayou Lafourche-From Donaldsonville to ICWW at Larose	R	67.4	N	F	N	F					PCR	FECAL COLIFORM	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA020402_00	Bayou Lafourche-From ICWW at Larose to Yankee Canal (Estuarine)	R	15.5	N	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA020402_00	Bayou Lafourche-From ICWW at Larose to Yankee Canal (Estuarine)	R	15.5	N	F	N						PCR	ENTEROCOCCUS	IRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA020403_00	Bayou Lafourche-From Yankee Canal and saltwater barrier to Gulf of Mexico (Estuarine)	R	15.0	F	F	F			F							
LA020501_00	Sauls, Avondale, and Main Canals	R	7.8	F	F	N						FWP	CHLORIDE	IRC 5	L	FORCED DRAINAGE PUMPING
LA020501_00	Sauls, Avondale, and Main Canals	R	7.8	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		FORCED DRAINAGE PUMPING
LA020501_00	Sauls, Avondale, and Main Canals	R	7.8	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA020501_00	Sauls, Avondale, and Main Canals	R	7.8	F	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		FORCED DRAINAGE PUMPING
LA020501_00	Sauls, Avondale, and Main Canals	R	7.8	F	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		NATURAL SOURCES
LA020501_00	Sauls, Avondale, and Main Canals	R	7.8	F	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		FORCED DRAINAGE PUMPING
LA020501_00	Sauls, Avondale, and Main Canals	R	7.8	F	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		NATURAL SOURCES
LA020501_00	Sauls, Avondale, and Main Canals	R	7.8	F	F	N						FWP	SULFATE	IRC 5	L	FORCED DRAINAGE PUMPING
LA020501_00	Sauls, Avondale, and Main Canals	R	7.8	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	FORCED DRAINAGE PUMPING
LA020601_00	Intracoastal Waterway-From Bayou Villars to Mississippi River (Estuarine)	R	17.8	F	F	N						FWP	TURBIDITY	IRC 5RC	L	SEDIMENT RESUSPENSION (CLEAN SEDIMENT)
LA020701_00	Bayou Segnette-From headwaters to Bayou Villars	R	12.0	F	F	F										

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LA020801_00	Intracoastal Waterway-From Larose to Bayou Villars and Bayou Barataria (Estuarine)	R	20.2	F	F	F										
LA020802_00	Bayou Barataria and Barataria Waterway-From ICWW to Bayou Rigolettes (Estuarine)	R	8.0	F	F	F										
LA020901_00	Bayou Rigolettes and Bayou Perot to Little Lake (Estuarine)	E	21.6	F	F	F			F							
LA020902_00	Little Lake (Estuarine)	E	31.3	F	F	F			F							
LA020903_00	Barataria Waterway (Estuarine)	E	2.2	F	F	F										
LA020904_00	Wilkinson Canal and Wilkinson Bayou (Estuarine)	R	19.5	F	F	F			N			OYS	FECAL COLIFORM	IRC 5	M	NATURAL SOURCES
LA020905_00	Bayou Moreau (Estuarine)	R	12.0	F	F	F			F							
LA020906_00	Bay Rambo (Estuarine)	E	2.0	N	F	F			F			PCR	ENTEROCOCCUS	IRC 5	L	NATURAL SOURCES
LA020907_00	Bay Sansbois, Lake Judge Perez, and Bay De La Cheniere (Estuarine)	E	5.0	F	F	F			F							
LA021001_00	Lake Washington, Bastian Bay, Adams Bay, Scofield Bay, Coquette Bay, Tambour Bay, Spanish Pass, and Bay Jacques (Estuarine)	E	33.0	F	F	F			F							
LA021101_00	Barataria Bay; includes Caminada Bay, Hackberry Bay, Bay Batiste, and Bay Long (Estuarine)	E	196.8	F	F	F			F							
LA021102_00	Barataria Basin Coastal Bays and Gulf Waters to the State 3 mile limit	E	282.9	F	F	N			F			FWP	DISSOLVED OXYGEN	IRC 5RC	L	NATURAL CONDITIONS - WATER QUALITY STANDARDS USE ATTAINABILITY ANALYSES NEEDED
LA021102_00	Barataria Basin Coastal Bays and Gulf Waters to the State 3 mile limit	E	282.9	F	F	N			F			FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA021102_00	Barataria Basin Coastal Bays and Gulf Waters to the State 3 mile limit	E	282.9	F	F	N			F			FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA021102_001	Fourchon Beach 1 - Located within subsegment LA021102_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et. seq. No other assessment is made for this waterbody.	C	0.9	N								PCR	ENTEROCOCCUS	IRC 5	L	SOURCE UNKNOWN
LA021102_002	Grand Isle and Grand Isle State Park Beaches - Located within subsegment LA021102_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et. seq. No other assessment is made for this waterbody.	C	7.2	N								PCR	ENTEROCOCCUS	IRC 5	L	SOURCE UNKNOWN
LA021102_003	Elmers Island Beach - Located within subsegment LA021102_00. This unit is added for swimming advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this bayou.	C	2.3	N								PCR	ENTEROCOCCUS	IRC 5	L	NATURAL SOURCES
LA030101_00	Calcasieu River-From headwaters to LA-8	R	14.8	N	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA030101_00	Calcasieu River-From headwaters to LA-8	R	14.8	N	F	N				F		PCR	FECAL COLIFORM	IRC 4a		NATURAL SOURCES
LA030102_00	Calcasieu River-From LA-8 to the Rapides-Allen Parish line (Scenic)	R	75.0	N	F	N		F		F		FWP	PH, LOW	IRC 5RC	L	NATURAL SOURCES

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LA030102_00	Calcasieu River-From LA-8 to the Rapides-Allen Parish line (Scenic)	R	75.0	N	F	N		F		F		PCR	FECAL COLIFORM	IRC 5	L	NATURAL SOURCES
LA030103_00	Calcasieu River-From Rapides-Allen Parish line to Marsh Bayou (Scenic)	R	74.3	N	F	N		F		F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA030103_00	Calcasieu River-From Rapides-Allen Parish line to Marsh Bayou (Scenic)	R	74.3	N	F	N		F		F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA030103_00	Calcasieu River-From Rapides-Allen Parish line to Marsh Bayou (Scenic)	R	74.3	N	F	N		F		F		FWP	PH, LOW	IRC 5	L	NATURAL SOURCES
LA030103_00	Calcasieu River-From Rapides-Allen Parish line to Marsh Bayou (Scenic)	R	74.3	N	F	N		F		F		PCR	FECAL COLIFORM	IRC 5	L	NATURAL SOURCES
LA030103_04075	Kinder Ditch-From headwaters of unnamed tributary to confluence with Calcasieu River	R	10.2		F	F										
LA030104_00	Mill Creek-From headwaters to Calcasieu River	R	24.8	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA030104_00	Mill Creek-From headwaters to Calcasieu River	R	24.8	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA030104_00	Mill Creek-From headwaters to Calcasieu River	R	24.8	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		SILVICULTURE ACTIVITIES
LA030104_00	Mill Creek-From headwaters to Calcasieu River	R	24.8	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		WILDLIFE OTHER THAN WATERFOWL
LA030104_00	Mill Creek-From headwaters to Calcasieu River	R	24.8	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	NATURAL SOURCES
LA030201_00	Calcasieu River-From Marsh Bayou to saltwater barrier (Scenic)	R	24.7	F	F	N		N		F		FWP	DISSOLVED OXYGEN	IRC 5	L	AGRICULTURE
LA030201_00	Calcasieu River-From Marsh Bayou to saltwater barrier (Scenic)	R	24.7	F	F	N		N		F		FWP	DISSOLVED OXYGEN	IRC 5	L	NATURAL SOURCES
LA030201_00	Calcasieu River-From Marsh Bayou to saltwater barrier (Scenic)	R	24.7	F	F	N		N		F		FWP	LEAD	IRC 5	L	SOURCE UNKNOWN
LA030201_00	Calcasieu River-From Marsh Bayou to saltwater barrier (Scenic)	R	24.7	F	F	N		N		F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA030201_00	Calcasieu River-From Marsh Bayou to saltwater barrier (Scenic)	R	24.7	F	F	N		N		F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA030201_00	Calcasieu River-From Marsh Bayou to saltwater barrier (Scenic)	R	24.7	F	F	N		N		F		ONR	TURBIDITY	IRC 5	L	CONSTRUCTION STORMWATER DISCHARGE (PERMITTED)
LA030301_00	Calcasieu River and Ship Channel-From saltwater barrier to Moss Lake; includes Ship Channel, Coon Island Loop, and Clooney Island (Estuarine)	R	21.0	F	F	N						FWP	DIOXIN - FISH CONSUMPTION ADVISORY	IRC 5	L	INDUSTRIAL POINT SOURCE DISCHARGE
LA030301_00	Calcasieu River and Ship Channel-From saltwater barrier to Moss Lake; includes Ship Channel, Coon Island Loop, and Clooney Island (Estuarine)	R	21.0	F	F	N						FWP	FURAN COMPOUNDS	IRC 5	L	INDUSTRIAL POINT SOURCE DISCHARGE
LA030301_00	Calcasieu River and Ship Channel-From saltwater barrier to Moss Lake; includes Ship Channel, Coon Island Loop, and Clooney Island (Estuarine)	R	21.0	F	F	N						FWP	PCBS - FISH CONSUMPTION ADVISORY	IRC 4a		INDUSTRIAL POINT SOURCE DISCHARGE

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA030302_00	Lake Charles	E	1.7	N	F	N						FWP	DIOXIN - FISH CONSUMPTION ADVISORY	IRC 5	L	INDUSTRIAL POINT SOURCE DISCHARGE
LA030302_00	Lake Charles	E	1.7	N	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	DISCHARGES FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)
LA030302_00	Lake Charles	E	1.7	N	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	SANITARY SEWER OVERFLOWS (COLLECTION SYSTEM FAILURES)
LA030302_00	Lake Charles	E	1.7	N	F	N						FWP	FURAN COMPOUNDS	IRC 5	L	INDUSTRIAL POINT SOURCE DISCHARGE
LA030302_00	Lake Charles	E	1.7	N	F	N						FWP	PCBS - FISH CONSUMPTION ADVISORY	IRC 4a		INDUSTRIAL POINT SOURCE DISCHARGE
LA030302_00	Lake Charles	E	1.7	N	F	N						PCR	ENTEROCOCCUS	IRC 5	L	NATURAL SOURCES
LA030302_00	Lake Charles	E	1.7	N	F	N						PCR	ENTEROCOCCUS	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA030302_001	Lake Charles North Beach - Located within subsegment LA030302_00. This unit is added for swimming advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this bayou.	C	0.4	N								PCR	ENTEROCOCCUS	IRC 5	L	NATURAL SOURCES
LA030302_001	Lake Charles North Beach - Located within subsegment LA030302_00. This unit is added for swimming advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this bayou.	C	0.4	N								PCR	ENTEROCOCCUS	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA030302_001	Lake Charles North Beach - Located within subsegment LA030302_00. This unit is added for swimming advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this bayou.	C	0.4	N								PCR	ENTEROCOCCUS	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA030302_002	Lake Charles South Beach - Located within subsegment LA030302_00. This unit is added for swimming advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this bayou.	C	0.2	N								PCR	ENTEROCOCCUS	IRC 5	L	NATURAL SOURCES
LA030302_002	Lake Charles South Beach - Located within subsegment LA030302_00. This unit is added for swimming advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this bayou.	C	0.2	N								PCR	ENTEROCOCCUS	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA030302_002	Lake Charles South Beach - Located within subsegment LA030302_00. This unit is added for swimming advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this bayou.	C	0.2	N								PCR	ENTEROCOCCUS	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA030303_00	Prien Lake	E	1.5	F	F	N						FWP	DIOXIN - FISH CONSUMPTION ADVISORY	IRC 5	L	INDUSTRIAL POINT SOURCE DISCHARGE
LA030303_00	Prien Lake	E	1.5	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	SANITARY SEWER OVERFLOWS (COLLECTION SYSTEM FAILURES)
LA030303_00	Prien Lake	E	1.5	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	WET WEATHER DISCHARGES (NON-POINT SOURCE)
LA030303_00	Prien Lake	E	1.5	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	WILDLIFE OTHER THAN WATERFOWL
LA030303_00	Prien Lake	E	1.5	F	F	N						FWP	FURAN COMPOUNDS	IRC 5	L	INDUSTRIAL POINT SOURCE DISCHARGE
LA030303_00	Prien Lake	E	1.5	F	F	N						FWP	PCBS - FISH CONSUMPTION ADVISORY	IRC 4a		INDUSTRIAL POINT SOURCE DISCHARGE
LA030304_00	Moss Lake (Estuarine)	E	1.3	N	F	N						FWP	DIOXIN - FISH CONSUMPTION ADVISORY	IRC 5	L	INDUSTRIAL POINT SOURCE DISCHARGE
LA030304_00	Moss Lake (Estuarine)	E	1.3	N	F	N						FWP	FURAN COMPOUNDS	IRC 5	L	INDUSTRIAL POINT SOURCE DISCHARGE
LA030304_00	Moss Lake (Estuarine)	E	1.3	N	F	N						FWP	PCBS - FISH CONSUMPTION ADVISORY	IRC 4a		INDUSTRIAL POINT SOURCE DISCHARGE
LA030304_00	Moss Lake (Estuarine)	E	1.3	N	F	N						PCR	ENTEROCOCCUS	IRC 5	L	NATURAL SOURCES
LA030304_00	Moss Lake (Estuarine)	E	1.3	N	F	N						PCR	ENTEROCOCCUS	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA030304_001	Bayou Olsen Located within subsegment LA030304_00. This unit is added for swimming advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this bayou.	R	7.3	N								PCR	1,1,2-TRICHLOROETHANE	IRC 4b		CONTAMINATED SEDIMENTS
LA030304_001	Bayou Olsen Located within subsegment LA030304_00. This unit is added for swimming advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this bayou.	R	7.3	N								PCR	1,2-DICHLOROETHANE	IRC 4b		CONTAMINATED SEDIMENTS

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LA030304_001	Bayou Olsen Located within subsegment LA030304_00. This unit is added for swimming advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this bayou.	R	7.3	N								PCR	CHLOROFORM	IRC 4b		CONTAMINATED SEDIMENTS
LA030305_00	Contraband Bayou (Estuarine)	R	5.9	N	N	N						FWP	DISSOLVED OXYGEN	IRC 4a		DISCHARGES FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)
LA030305_00	Contraband Bayou (Estuarine)	R	5.9	N	N	N						FWP	DISSOLVED OXYGEN	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA030305_00	Contraband Bayou (Estuarine)	R	5.9	N	N	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		DISCHARGES FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)
LA030305_00	Contraband Bayou (Estuarine)	R	5.9	N	N	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA030305_00	Contraband Bayou (Estuarine)	R	5.9	N	N	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		DISCHARGES FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)
LA030305_00	Contraband Bayou (Estuarine)	R	5.9	N	N	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA030305_00	Contraband Bayou (Estuarine)	R	5.9	N	N	N						PCR	FECAL COLIFORM	IRC 4a		DISCHARGES FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)
LA030305_00	Contraband Bayou (Estuarine)	R	5.9	N	N	N						PCR	FECAL COLIFORM	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA030305_00	Contraband Bayou (Estuarine)	R	5.9	N	N	N						PCR	FECAL COLIFORM	IRC 4a		SEWAGE DISCHARGES IN UNSEWERED AREAS
LA030305_00	Contraband Bayou (Estuarine)	R	5.9	N	N	N						SCR	FECAL COLIFORM	IRC 4a		DISCHARGES FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)
LA030305_00	Contraband Bayou (Estuarine)	R	5.9	N	N	N						SCR	FECAL COLIFORM	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA030305_00	Contraband Bayou (Estuarine)	R	5.9	N	N	N						SCR	FECAL COLIFORM	IRC 4a		SEWAGE DISCHARGES IN UNSEWERED AREAS
LA030306_00	Bayou Verdine--south of the Houston River Canal to the Calcasieu River (Estuarine)	R	4.0	N	N	N						FWP	1,2-DICHLOROETHANE	IRC 4a		INDUSTRIAL/COMMERCIAL SITE STORMWATER DISCHARGE (PERMITTED)
LA030306_00	Bayou Verdine--south of the Houston River Canal to the Calcasieu River (Estuarine)	R	4.0	N	N	N						FWP	PHENOL	IRC 4a		INDUSTRIAL POINT SOURCE DISCHARGE

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LA030306_00	Bayou Verdine--south of the Houston River Canal to the Calcasieu River (Estuarine)	R	4.0	N	N	N						FWP	POLYCHLORINATED BIPHENYLS (PCBS)	IRC 4a		INDUSTRIAL POINT SOURCE DISCHARGE
LA030306_00	Bayou Verdine--south of the Houston River Canal to the Calcasieu River (Estuarine)	R	4.0	N	N	N						FWP	POLYCHLORINATED BIPHENYLS (PCBS)	IRC 4a		INDUSTRIAL/COMMERCIAL SITE STORMWATER DISCHARGE (PERMITTED)
LA030306_00	Bayou Verdine--south of the Houston River Canal to the Calcasieu River (Estuarine)	R	4.0	N	N	N						FWP	POLYCYCLIC AROMATIC HYDROCARBONS (PAHS) (AQUATIC ECOSYSTEMS)	IRC 4a		INDUSTRIAL POINT SOURCE DISCHARGE
LA030306_00	Bayou Verdine--south of the Houston River Canal to the Calcasieu River (Estuarine)	R	4.0	N	N	N						FWP	POLYCYCLIC AROMATIC HYDROCARBONS (PAHS) (AQUATIC ECOSYSTEMS)	IRC 4a		INDUSTRIAL/COMMERCIAL SITE STORMWATER DISCHARGE (PERMITTED)
LA030306_00	Bayou Verdine--south of the Houston River Canal to the Calcasieu River (Estuarine)	R	4.0	N	N	N						FWP	TURBIDITY	IRC 5	L	CONSTRUCTION STORMWATER DISCHARGE (PERMITTED)
LA030306_00	Bayou Verdine--south of the Houston River Canal to the Calcasieu River (Estuarine)	R	4.0	N	N	N						PCR	1,2-DICHLOROETHANE	IRC 4a		INDUSTRIAL/COMMERCIAL SITE STORMWATER DISCHARGE (PERMITTED)
LA030306_00	Bayou Verdine--south of the Houston River Canal to the Calcasieu River (Estuarine)	R	4.0	N	N	N						PCR	ENTEROCOCCUS	IRC 5	L	NATURAL SOURCES
LA030306_00	Bayou Verdine--south of the Houston River Canal to the Calcasieu River (Estuarine)	R	4.0	N	N	N						PCR	ENTEROCOCCUS	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA030306_00	Bayou Verdine--south of the Houston River Canal to the Calcasieu River (Estuarine)	R	4.0	N	N	N						SCR	1,2-DICHLOROETHANE	IRC 4a		INDUSTRIAL/COMMERCIAL SITE STORMWATER DISCHARGE (PERMITTED)
LA030401_00	Calcasieu River-From below Moss Lake to the Gulf of Mexico; includes Ship Channel and Monkey Island Loop (Estuarine)	R	27.7	N	F	N			N			FWP	DIOXIN - FISH CONSUMPTION ADVISORY	IRC 5	L	INDUSTRIAL POINT SOURCE DISCHARGE
LA030401_00	Calcasieu River-From below Moss Lake to the Gulf of Mexico; includes Ship Channel and Monkey Island Loop (Estuarine)	R	27.7	N	F	N			N			FWP	FURAN COMPOUNDS	IRC 5	L	INDUSTRIAL POINT SOURCE DISCHARGE
LA030401_00	Calcasieu River-From below Moss Lake to the Gulf of Mexico; includes Ship Channel and Monkey Island Loop (Estuarine)	R	27.7	N	F	N			N			FWP	PCBS - FISH CONSUMPTION ADVISORY	IRC 4a		INDUSTRIAL POINT SOURCE DISCHARGE

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LA030401_00	Calcasieu River-From below Moss Lake to the Gulf of Mexico; includes Ship Channel and Monkey Island Loop (Estuarine)	R	27.7	N	F	N			N			OYS	FECAL COLIFORM	IRC 5	M	NATURAL SOURCES
LA030401_00	Calcasieu River-From below Moss Lake to the Gulf of Mexico; includes Ship Channel and Monkey Island Loop (Estuarine)	R	27.7	N	F	N			N			OYS	FECAL COLIFORM	IRC 5	M	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA030401_00	Calcasieu River-From below Moss Lake to the Gulf of Mexico; includes Ship Channel and Monkey Island Loop (Estuarine)	R	27.7	N	F	N			N			PCR	ENTEROCOCCUS	IRC 5	L	NATURAL SOURCES
LA030401_00	Calcasieu River-From below Moss Lake to the Gulf of Mexico; includes Ship Channel and Monkey Island Loop (Estuarine)	R	27.7	N	F	N			N			PCR	ENTEROCOCCUS	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA030402_00	Calcasieu Lake	E	67.4	N	F	N			N			FWP	DIOXIN - FISH CONSUMPTION ADVISORY	IRC 5	L	INDUSTRIAL POINT SOURCE DISCHARGE
LA030402_00	Calcasieu Lake	E	67.4	N	F	N			N			FWP	FURAN COMPOUNDS	IRC 5	L	INDUSTRIAL POINT SOURCE DISCHARGE
LA030402_00	Calcasieu Lake	E	67.4	N	F	N			N			FWP	PCBS - FISH CONSUMPTION ADVISORY	IRC 4a		INDUSTRIAL POINT SOURCE DISCHARGE
LA030402_00	Calcasieu Lake	E	67.4	N	F	N			N			OYS	FECAL COLIFORM	IRC 5	M	NATURAL SOURCES
LA030402_00	Calcasieu Lake	E	67.4	N	F	N			N			OYS	FECAL COLIFORM	IRC 5	M	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA030402_00	Calcasieu Lake	E	67.4	N	F	N			N			PCR	ENTEROCOCCUS	IRC 5	L	NATURAL SOURCES
LA030402_00	Calcasieu Lake	E	67.4	N	F	N			N			PCR	ENTEROCOCCUS	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA030403_00	Black Lake (Estuarine)	E	3.0	N	F	F						PCR	ENTEROCOCCUS	IRC 5	L	NATURAL SOURCES
LA030403_00	Black Lake (Estuarine)	E	3.0	N	F	F						PCR	ENTEROCOCCUS	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)

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LA030501_00	Whiskey Chitto Creek-From headwaters to southern boundary of Fort Polk Military Reservation	R	20.4	N	F	N						FWP	PH, LOW	IRC 5	L	NATURAL CONDITIONS - WATER QUALITY STANDARDS USE ATTAINABILITY ANALYSES NEEDED
LA030501_00	Whiskey Chitto Creek-From headwaters to southern boundary of Fort Polk Military Reservation	R	20.4	N	F	N						PCR	FECAL COLIFORM	IRC 4a		WILDLIFE OTHER THAN WATERFOWL
LA030502_00	Whiskey Chitto Creek-From the southern boundary of Fort Polk Military Reservation to the Calcasieu River (Scenic)	R	73.9	N	F	F		N				ONR	TURBIDITY	IRC 5	L	EROSION AND SEDIMENTATION
LA030502_00	Whiskey Chitto Creek-From the southern boundary of Fort Polk Military Reservation to the Calcasieu River (Scenic)	R	73.9	N	F	F		N				PCR	FECAL COLIFORM	IRC 5	L	NATURAL SOURCES
LA030502_00	Whiskey Chitto Creek-From the southern boundary of Fort Polk Military Reservation to the Calcasieu River (Scenic)	R	73.9	N	F	F		N				PCR	FECAL COLIFORM	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA030503_00	Six Mile Creek-East and West Forks from headwaters to the southern boundary of Fort Polk Military Reservation	R	19.4	N	F	N						FWP	PH, LOW	IRC 5	L	NATURALLY OCCURRING ORGANIC ACIDS
LA030503_00	Six Mile Creek-East and West Forks from headwaters to the southern boundary of Fort Polk Military Reservation	R	19.4	N	F	N						FWP	PH, LOW	IRC 5	L	SILVICULTURE ACTIVITIES
LA030503_00	Six Mile Creek-East and West Forks from headwaters to the southern boundary of Fort Polk Military Reservation	R	19.4	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	NATURAL SOURCES
LA030503_00	Six Mile Creek-East and West Forks from headwaters to the southern boundary of Fort Polk Military Reservation	R	19.4	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA030503_00	Six Mile Creek-East and West Forks from headwaters to the southern boundary of Fort Polk Military Reservation	R	19.4	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA030504_00	Six Mile Creek-East and West Forks from the southern boundary of Fort Polk Military Reservation to Whiskey Chitto Creek (Scenic)	R	53.4	F	F	F		F								
LA030505_00	Ten Mile Creek-From headwaters to Whiskey Chitto Creek (Scenic)	R	58.2	N	F	F		N				ONR	TURBIDITY	IRC 5	L	EROSION AND SEDIMENTATION
LA030505_00	Ten Mile Creek-From headwaters to Whiskey Chitto Creek (Scenic)	R	58.2	N	F	F		N				PCR	FECAL COLIFORM	IRC 5	L	NATURAL SOURCES
LA030506_00	Bundicks Creek-From headwaters to Bundicks Lake	R	49.0	N	F	F						PCR	FECAL COLIFORM	IRC 5	L	NATURAL SOURCES
LA030507_00	Bundicks Lake	L	1,448.4	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	NATURAL SOURCES

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LA030507_00	Bundicks Lake	L	1,448.4	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA030507_00	Bundicks Lake	L	1,448.4	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	SILVICULTURE ACTIVITIES
LA030508_00	Bundicks Creek-From Bundicks Lake to Whiskey Chitto Creek	R	22.6	N	F	N						FWP	PH, LOW	IRC 5	L	NATURAL SOURCES
LA030508_00	Bundicks Creek-From Bundicks Lake to Whiskey Chitto Creek	R	22.6	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	NATURAL SOURCES
LA030601_00	Barnes Creek-From headwaters to Little Barnes Creek	R	15.8		F	F										
LA030602_00	Barnes Creek-From Little Barnes Creek to Calcasieu River	R	40.0	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		AGRICULTURE
LA030602_00	Barnes Creek-From Little Barnes Creek to Calcasieu River	R	40.0	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA030602_00	Barnes Creek-From Little Barnes Creek to Calcasieu River	R	40.0	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		SILVICULTURE ACTIVITIES
LA030602_00	Barnes Creek-From Little Barnes Creek to Calcasieu River	R	40.0	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	NATURAL SOURCES
LA030603_00	Marsh Bayou-From headwaters to Calcasieu River	R	16.3	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		AGRICULTURE
LA030603_00	Marsh Bayou-From headwaters to Calcasieu River	R	16.3	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		CROP PRODUCTION (NON-IRRIGATED)
LA030603_00	Marsh Bayou-From headwaters to Calcasieu River	R	16.3	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA030603_00	Marsh Bayou-From headwaters to Calcasieu River	R	16.3	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	NATURAL SOURCES
LA030603_00	Marsh Bayou-From headwaters to Calcasieu River	R	16.3	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA030701_00	Bayou Serpent	R	33.8	N	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		AGRICULTURE
LA030701_00	Bayou Serpent	R	33.8	N	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		WATER DIVERSIONS
LA030701_00	Bayou Serpent	R	33.8	N	F	N				F		FWP	LEAD	IRC 4a		SOURCE UNKNOWN
LA030701_00	Bayou Serpent	R	33.8	N	F	N				F		PCR	FECAL COLIFORM	IRC 5	L	NATURAL SOURCES
LA030701_00	Bayou Serpent	R	33.8	N	F	N				F		PCR	FECAL COLIFORM	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA030702_00	English Bayou-From headwaters to Calcasieu River	R	10.3	N	N	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		DISCHARGES FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)
LA030702_00	English Bayou-From headwaters to Calcasieu River	R	10.3	N	N	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA030702_00	English Bayou-From headwaters to Calcasieu River	R	10.3	N	N	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA030702_00	English Bayou-From headwaters to Calcasieu River	R	10.3	N	N	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA030702_00	English Bayou-From headwaters to Calcasieu River	R	10.3	N	N	N				F		FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		DISCHARGES FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)
LA030702_00	English Bayou-From headwaters to Calcasieu River	R	10.3	N	N	N				F		FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		NATURAL SOURCES
LA030702_00	English Bayou-From headwaters to Calcasieu River	R	10.3	N	N	N				F		FWP	PHOSPHORUS, TOTAL	IRC 4a		DISCHARGES FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)
LA030702_00	English Bayou-From headwaters to Calcasieu River	R	10.3	N	N	N				F		FWP	PHOSPHORUS, TOTAL	IRC 4a		NATURAL SOURCES
LA030702_00	English Bayou-From headwaters to Calcasieu River	R	10.3	N	N	N				F		FWP	TURBIDITY	IRC 4a		NATURAL SOURCES
LA030702_00	English Bayou-From headwaters to Calcasieu River	R	10.3	N	N	N				F		PCR	FECAL COLIFORM	IRC 5	L	DISCHARGES FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)
LA030702_00	English Bayou-From headwaters to Calcasieu River	R	10.3	N	N	N				F		SCR	FECAL COLIFORM	IRC 5	L	DISCHARGES FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)
LA030801_00	West Fork Calcasieu River-From confluence with Beckwith Creek and Hickory Branch to mainstem of Calcasieu River	R	16.4	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA030801_00	West Fork Calcasieu River-From confluence with Beckwith Creek and Hickory Branch to mainstem of Calcasieu River	R	16.4	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		SILVICULTURE ACTIVITIES
LA030801_00	West Fork Calcasieu River-From confluence with Beckwith Creek and Hickory Branch to mainstem of Calcasieu River	R	16.4	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		WATER DIVERSIONS
LA030801_00	West Fork Calcasieu River-From confluence with Beckwith Creek and Hickory Branch to mainstem of Calcasieu River	R	16.4	F	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA030801_00	West Fork Calcasieu River-From confluence with Beckwith Creek and Hickory Branch to mainstem of Calcasieu River	R	16.4	F	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA030802_00	Hickory Branch-From headwaters to West Fork Calcasieu River	R	50.4	N	F	N				F		FWP	DISSOLVED OXYGEN	IRC 5	L	NATURAL SOURCES
LA030802_00	Hickory Branch-From headwaters to West Fork Calcasieu River	R	50.4	N	F	N				F		FWP	DISSOLVED OXYGEN	IRC 5	L	SILVICULTURE ACTIVITIES
LA030802_00	Hickory Branch-From headwaters to West Fork Calcasieu River	R	50.4	N	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS

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LA030802_00	Hickory Branch-From headwaters to West Fork Calcasieu River	R	50.4	N	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA030802_00	Hickory Branch-From headwaters to West Fork Calcasieu River	R	50.4	N	F	N				F		FWP	PH, LOW	IRC 5	L	NATURAL SOURCES
LA030802_00	Hickory Branch-From headwaters to West Fork Calcasieu River	R	50.4	N	F	N				F		FWP	PH, LOW	IRC 5	L	SILVICULTURE ACTIVITIES
LA030802_00	Hickory Branch-From headwaters to West Fork Calcasieu River	R	50.4	N	F	N				F		PCR	FECAL COLIFORM	IRC 5	L	NATURAL SOURCES
LA030803_00	Beckwith Creek-From headwaters to West Fork Calcasieu River	R	64.0	N	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA030803_00	Beckwith Creek-From headwaters to West Fork Calcasieu River	R	64.0	N	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA030803_00	Beckwith Creek-From headwaters to West Fork Calcasieu River	R	64.0	N	F	N				F		FWP	PH, LOW	IRC 5	L	NATURAL SOURCES
LA030803_00	Beckwith Creek-From headwaters to West Fork Calcasieu River	R	64.0	N	F	N				F		PCR	FECAL COLIFORM	IRC 5	L	NATURAL SOURCES
LA030803_00	Beckwith Creek-From headwaters to West Fork Calcasieu River	R	64.0	N	F	N				F		PCR	FECAL COLIFORM	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA030803_00	Beckwith Creek-From headwaters to West Fork Calcasieu River	R	64.0	N	F	N				F		PCR	FECAL COLIFORM	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA030804_00	Little River-From headwaters to West Fork Calcasieu River	R	14.4	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA030804_00	Little River-From headwaters to West Fork Calcasieu River	R	14.4	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA030804_00	Little River-From headwaters to West Fork Calcasieu River	R	14.4	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		SEWAGE DISCHARGES IN UNSEWERED AREAS
LA030804_00	Little River-From headwaters to West Fork Calcasieu River	R	14.4	N	F	N						FWP	LEAD	IRC 4a		SOURCE UNKNOWN
LA030804_00	Little River-From headwaters to West Fork Calcasieu River	R	14.4	N	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA030804_00	Little River-From headwaters to West Fork Calcasieu River	R	14.4	N	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA030804_00	Little River-From headwaters to West Fork Calcasieu River	R	14.4	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	NATURAL SOURCES

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LA030804_00	Little River-From headwaters to West Fork Calcasieu River	R	14.4	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA030804_00	Little River-From headwaters to West Fork Calcasieu River	R	14.4	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA030805_00	Indian Bayou-From headwaters to West Fork Calcasieu River	R	19.1	N	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		AGRICULTURE
LA030805_00	Indian Bayou-From headwaters to West Fork Calcasieu River	R	19.1	N	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA030805_00	Indian Bayou-From headwaters to West Fork Calcasieu River	R	19.1	N	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		WATER DIVERSIONS
LA030805_00	Indian Bayou-From headwaters to West Fork Calcasieu River	R	19.1	N	F	N				F		PCR	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA030806_00	Houston River-From Bear Head Creek at LA-12 to West Fork Calcasieu River	R	38.6	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		DROUGHT-RELATED IMPACTS
LA030806_00	Houston River-From Bear Head Creek at LA-12 to West Fork Calcasieu River	R	38.6	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA030806_00	Houston River-From Bear Head Creek at LA-12 to West Fork Calcasieu River	R	38.6	F	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA030806_00	Houston River-From Bear Head Creek at LA-12 to West Fork Calcasieu River	R	38.6	F	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA030806_00	Houston River-From Bear Head Creek at LA-12 to West Fork Calcasieu River	R	38.6	F	F	N				F		FWP	PH, LOW	IRC 5RC	L	NATURAL SOURCES
LA030806_554700	Houston River Canal-From 1 mile west of LA-388 to its terminus at Mossvile and the Houston River	R	14.0	F	F	F	N			F		DWS	COLOR	IRC 5	L	UPSTREAM SOURCE
LA030807_00	Bear Head Creek-From headwaters to Houston River at LA-12	R	49.2	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA030807_00	Bear Head Creek-From headwaters to Houston River at LA-12	R	49.2	F	F	N						FWP	LEAD	IRC 4a		SOURCE UNKNOWN
LA030807_00	Bear Head Creek-From headwaters to Houston River at LA-12	R	49.2	F	F	N						FWP	PH, LOW	IRC 5RC	L	NATURAL SOURCES
LA030901_00	Bayou D'Inde-From headwaters to Calcasieu River (Estuarine)	R	12.3	N	N	N						FWP	1,1,1,2-TETRACHLOROETHANE	IRC 4a		INDUSTRIAL POINT SOURCE DISCHARGE
LA030901_00	Bayou D'Inde-From headwaters to Calcasieu River (Estuarine)	R	12.3	N	N	N						FWP	BROMOFORM	IRC 4a		INDUSTRIAL POINT SOURCE DISCHARGE
LA030901_00	Bayou D'Inde-From headwaters to Calcasieu River (Estuarine)	R	12.3	N	N	N						FWP	DIOXIN - FISH CONSUMPTION ADVISORY	IRC 5	L	INDUSTRIAL POINT SOURCE DISCHARGE

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LA030901_00	Bayou D'Inde-From headwaters to Calcasieu River (Estuarine)	R	12.3	N	N	N						FWP	DISSOLVED OXYGEN	IRC 4a		DISCHARGES FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)
LA030901_00	Bayou D'Inde-From headwaters to Calcasieu River (Estuarine)	R	12.3	N	N	N						FWP	DISSOLVED OXYGEN	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA030901_00	Bayou D'Inde-From headwaters to Calcasieu River (Estuarine)	R	12.3	N	N	N						FWP	FURAN COMPOUNDS	IRC 5	L	INDUSTRIAL POINT SOURCE DISCHARGE
LA030901_00	Bayou D'Inde-From headwaters to Calcasieu River (Estuarine)	R	12.3	N	N	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		DISCHARGES FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)
LA030901_00	Bayou D'Inde-From headwaters to Calcasieu River (Estuarine)	R	12.3	N	N	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA030901_00	Bayou D'Inde-From headwaters to Calcasieu River (Estuarine)	R	12.3	N	N	N						FWP	PCBS - FISH CONSUMPTION ADVISORY	IRC 4a		INDUSTRIAL POINT SOURCE DISCHARGE
LA030901_00	Bayou D'Inde-From headwaters to Calcasieu River (Estuarine)	R	12.3	N	N	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		DISCHARGES FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)
LA030901_00	Bayou D'Inde-From headwaters to Calcasieu River (Estuarine)	R	12.3	N	N	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA030901_00	Bayou D'Inde-From headwaters to Calcasieu River (Estuarine)	R	12.3	N	N	N						PCR	DIOXIN	IRC 5	L	INDUSTRIAL POINT SOURCE DISCHARGE
LA030901_00	Bayou D'Inde-From headwaters to Calcasieu River (Estuarine)	R	12.3	N	N	N						PCR	ENTEROCOCCUS	IRC 5	L	NATURAL SOURCES
LA030901_00	Bayou D'Inde-From headwaters to Calcasieu River (Estuarine)	R	12.3	N	N	N						PCR	ENTEROCOCCUS	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA030901_00	Bayou D'Inde-From headwaters to Calcasieu River (Estuarine)	R	12.3	N	N	N						PCR	FURAN COMPOUNDS	IRC 5	L	INDUSTRIAL POINT SOURCE DISCHARGE
LA030901_00	Bayou D'Inde-From headwaters to Calcasieu River (Estuarine)	R	12.3	N	N	N						PCR	PCBS IN SEDIMENT	IRC 4a		INDUSTRIAL POINT SOURCE DISCHARGE
LA030901_00	Bayou D'Inde-From headwaters to Calcasieu River (Estuarine)	R	12.3	N	N	N						SCR	DIOXIN	IRC 5	L	INDUSTRIAL POINT SOURCE DISCHARGE
LA030901_00	Bayou D'Inde-From headwaters to Calcasieu River (Estuarine)	R	12.3	N	N	N						SCR	FECAL COLIFORM	IRC 5	L	DISCHARGES FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)
LA030901_00	Bayou D'Inde-From headwaters to Calcasieu River (Estuarine)	R	12.3	N	N	N						SCR	FECAL COLIFORM	IRC 5	L	MUNICIPAL POINT SOURCE DISCHARGES
LA030901_00	Bayou D'Inde-From headwaters to Calcasieu River (Estuarine)	R	12.3	N	N	N						SCR	FURAN COMPOUNDS	IRC 5	L	INDUSTRIAL POINT SOURCE DISCHARGE
LA030901_00	Bayou D'Inde-From headwaters to Calcasieu River (Estuarine)	R	12.3	N	N	N						SCR	PCBS IN SEDIMENT	IRC 4a		INDUSTRIAL POINT SOURCE DISCHARGE

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LA031001_00	Bayou Choupique-From headwaters to ICWW (Estuarine)	R	20.3	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA031001_00	Bayou Choupique-From headwaters to ICWW (Estuarine)	R	20.3	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA031001_00	Bayou Choupique-From headwaters to ICWW (Estuarine)	R	20.3	N	F	N						PCR	ENTEROCOCCUS	IRC 5	L	NATURAL SOURCES
LA031001_00	Bayou Choupique-From headwaters to ICWW (Estuarine)	R	20.3	N	F	N						PCR	ENTEROCOCCUS	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA031002_00	Intracoastal Waterway- From West Calcasieu River Basin boundary to Calcasieu Lock (Estuarine)	R	9.8	N	F	F						PCR	ENTEROCOCCUS	IRC 5	L	NATURAL SOURCES
LA031002_00	Intracoastal Waterway- From West Calcasieu River Basin boundary to Calcasieu Lock (Estuarine)	R	9.8	N	F	F						PCR	ENTEROCOCCUS	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA031101_00	Intracoastal Waterway-From Calcasieu Lock to East Calcasieu River Basin boundary	R	19.2	F	F	F										
LA031201_00	Calcasieu River Basin Coastal Bays and Gulf Waters to State 3 mile limit	E	42.0	F	F	N			F			FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA031201_00	Calcasieu River Basin Coastal Bays and Gulf Waters to State 3 mile limit	E	42.0	F	F	N			F			FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA031201_001	Holly Beach - Located within subsegment LA031201_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et. seq. No other assessment is made for this waterbody.	C	3.4	N								PCR	ENTEROCOCCUS	IRC 5	L	NATURAL SOURCES
LA031201_001	Holly Beach - Located within subsegment LA031201_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et. seq. No other assessment is made for this waterbody.	C	3.4	N								PCR	ENTEROCOCCUS	IRC 5	L	WATERFOWL
LA040101_00	Comite River-From Little Comite Creek and Comite Creek at Mississippi state line to Wilson-Clinton Highway	R	18.4	N	N	N						FWP	DISSOLVED OXYGEN	IRC 5	L	MANURE RUNOFF
LA040101_00	Comite River-From Little Comite Creek and Comite Creek at Mississippi state line to Wilson-Clinton Highway	R	18.4	N	N	N						FWP	DISSOLVED OXYGEN	IRC 5	L	UNRESTRICTED CATTLE ACCESS

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LA040101_00	Comite River-From Little Comite Creek and Comite Creek at Mississippi state line to Wilson-Clinton Highway	R	18.4	N	N	N						PCR	FECAL COLIFORM	IRC 5	L	MANURE RUNOFF
LA040101_00	Comite River-From Little Comite Creek and Comite Creek at Mississippi state line to Wilson-Clinton Highway	R	18.4	N	N	N						PCR	FECAL COLIFORM	IRC 5	L	UNRESTRICTED CATTLE ACCESS
LA040101_00	Comite River-From Little Comite Creek and Comite Creek at Mississippi state line to Wilson-Clinton Highway	R	18.4	N	N	N						SCR	FECAL COLIFORM	IRC 5	L	MANURE RUNOFF
LA040101_00	Comite River-From Little Comite Creek and Comite Creek at Mississippi state line to Wilson-Clinton Highway	R	18.4	N	N	N						SCR	FECAL COLIFORM	IRC 5	L	UNRESTRICTED CATTLE ACCESS
LA040102_00	Comite River-From Wilson-Clinton Highway to White Bayou (Scenic)	R	38.0	F	F	N		N				FWP	TURBIDITY	IRC 5	L	SILVICULTURE ACTIVITIES
LA040102_00	Comite River-From Wilson-Clinton Highway to White Bayou (Scenic)	R	38.0	F	F	N		N				FWP	TURBIDITY	IRC 5	L	SITE CLEARANCE (LAND DEVELOPMENT OR REDEVELOPMENT)
LA040102_00	Comite River-From Wilson-Clinton Highway to White Bayou (Scenic)	R	38.0	F	F	N		N				ONR	TURBIDITY	IRC 5	L	SILVICULTURE ACTIVITIES
LA040102_00	Comite River-From Wilson-Clinton Highway to White Bayou (Scenic)	R	38.0	F	F	N		N				ONR	TURBIDITY	IRC 5	L	SITE CLEARANCE (LAND DEVELOPMENT OR REDEVELOPMENT)
LA040103_00	Comite River-From White Bayou to Amite River	R	12.3	N	N	F						PCR	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040103_00	Comite River-From White Bayou to Amite River	R	12.3	N	N	F						PCR	FECAL COLIFORM	IRC 4a		SANITARY SEWER OVERFLOWS (COLLECTION SYSTEM FAILURES)
LA040103_00	Comite River-From White Bayou to Amite River	R	12.3	N	N	F						SCR	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040103_00	Comite River-From White Bayou to Amite River	R	12.3	N	N	F						SCR	FECAL COLIFORM	IRC 4a		SANITARY SEWER OVERFLOWS (COLLECTION SYSTEM FAILURES)
LA040201_00	Bayou Manchac-From headwaters to Amite River	R	18.3	F	F	N						FWP	CHLORIDE	IRC 5	L	NATURAL SOURCES
LA040201_00	Bayou Manchac-From headwaters to Amite River	R	18.3	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA040201_00	Bayou Manchac-From headwaters to Amite River	R	18.3	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040201_00	Bayou Manchac-From headwaters to Amite River	R	18.3	F	F	N						FWP	SULFATE	IRC 5	L	NATURAL SOURCES
LA040201_00	Bayou Manchac-From headwaters to Amite River	R	18.3	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	NATURAL SOURCES
LA040202_00	Ward Creek-From headwaters to confluence with Dawson Creek	R	8.8	X	X	X										
LA040301_00	Amite River-From Mississippi state line to La. Highway 37 (Scenic)	R	28.6	F	N	N		N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA040301_00	Amite River-From Mississippi state line to La. Highway 37 (Scenic)	R	28.6	F	N	N		N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA040301_00	Amite River-From Mississippi state line to La. Highway 37 (Scenic)	R	28.6	F	N	N		N				FWP	TURBIDITY	IRC 4a		SAND/GRAVEL/ROCK MINING OR QUARRIES
LA040301_00	Amite River-From Mississippi state line to La. Highway 37 (Scenic)	R	28.6	F	N	N		N				ONR	TURBIDITY	IRC 4a		SAND/GRAVEL/ROCK MINING OR QUARRIES
LA040301_00	Amite River-From Mississippi state line to La. Highway 37 (Scenic)	R	28.6	F	N	N		N				SCR	FECAL COLIFORM	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040302_00	Amite River-From La. Highway 37 to LMRAP Ecoregion boundary	R	46.9	N	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	NATURAL SOURCES
LA040302_00	Amite River-From La. Highway 37 to LMRAP Ecoregion boundary	R	46.9	N	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA040302_00	Amite River-From La. Highway 37 to LMRAP Ecoregion boundary	R	46.9	N	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA040302_00	Amite River-From La. Highway 37 to LMRAP Ecoregion boundary	R	46.9	N	F	N						PCR	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040302_00	Amite River-From La. Highway 37 to LMRAP Ecoregion boundary	R	46.9	N	F	N						PCR	FECAL COLIFORM	IRC 4a		SANITARY SEWER OVERFLOWS (COLLECTION SYSTEM FAILURES)
LA040303_00	Amite River-From Amite River Diversion Canal to Lake Maurepas	R	28.1	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		UPSTREAM SOURCE
LA040303_00	Amite River-From Amite River Diversion Canal to Lake Maurepas	R	28.1	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS

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LA040303_00	Amite River-From Amite River Diversion Canal to Lake Maurepas	R	28.1	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA040303_00	Amite River-From Amite River Diversion Canal to Lake Maurepas	R	28.1	F	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		UPSTREAM SOURCE
LA040303_00	Amite River-From Amite River Diversion Canal to Lake Maurepas	R	28.1	F	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		UPSTREAM SOURCE
LA040304_00	Grays Creek-From headwaters to Amite River	R	18.3	N	F	N						FWP	CHLORIDE	IRC 5	L	NATURAL SOURCES
LA040304_00	Grays Creek-From headwaters to Amite River	R	18.3	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040304_00	Grays Creek-From headwaters to Amite River	R	18.3	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA040304_00	Grays Creek-From headwaters to Amite River	R	18.3	N	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040304_00	Grays Creek-From headwaters to Amite River	R	18.3	N	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA040304_00	Grays Creek-From headwaters to Amite River	R	18.3	N	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040304_00	Grays Creek-From headwaters to Amite River	R	18.3	N	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA040304_00	Grays Creek-From headwaters to Amite River	R	18.3	N	F	N						FWP	SULFATE	IRC 5	L	NATURAL SOURCES
LA040304_00	Grays Creek-From headwaters to Amite River	R	18.3	N	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	NATURAL SOURCES
LA040304_00	Grays Creek-From headwaters to Amite River	R	18.3	N	F	N						PCR	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)

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LA040305_00	Colyell Bay; includes Colyell Creek and Middle Colyell Creek-From Hood Road to Colyell Bay	R	11.6	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040305_00	Colyell Bay; includes Colyell Creek and Middle Colyell Creek-From Hood Road to Colyell Bay	R	11.6	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA040305_00	Colyell Bay; includes Colyell Creek and Middle Colyell Creek-From Hood Road to Colyell Bay	R	11.6	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA040305_00	Colyell Bay; includes Colyell Creek and Middle Colyell Creek-From Hood Road to Colyell Bay	R	11.6	F	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040305_00	Colyell Bay; includes Colyell Creek and Middle Colyell Creek-From Hood Road to Colyell Bay	R	11.6	F	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040305_00	Colyell Bay; includes Colyell Creek and Middle Colyell Creek-From Hood Road to Colyell Bay	R	11.6	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SOURCE UNKNOWN
LA040306_00	Amite River-From LMRAP Ecoregion boundary to Amite River Diversion Canal	R	15.7	N	F	N						FWP	DISSOLVED OXYGEN	IRC 5: EPA decision deferred ¹	L	NATURAL SOURCES
LA040306_00	Amite River-From LMRAP Ecoregion boundary to Amite River Diversion Canal	R	15.7	N	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA040306_00	Amite River-From LMRAP Ecoregion boundary to Amite River Diversion Canal	R	15.7	N	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA040306_00	Amite River-From LMRAP Ecoregion boundary to Amite River Diversion Canal	R	15.7	N	F	N						PCR	FECAL COLIFORM	IRC 4a		NATURAL SOURCES
LA040306_00	Amite River-From LMRAP Ecoregion boundary to Amite River Diversion Canal	R	15.7	N	F	N						PCR	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040306_00	Amite River-From LMRAP Ecoregion boundary to Amite River Diversion Canal	R	15.7	N	F	N						PCR	FECAL COLIFORM	IRC 4a		SANITARY SEWER OVERFLOWS (COLLECTION SYSTEM FAILURES)
LA040307_00	West Colyell Creek-From headwaters to Hood Road	R	20.7	X	X	N						FWP	DISSOLVED OXYGEN	IRC 4a		SILVICULTURE ACTIVITIES

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LA040307_00	West Colyell Creek-From headwaters to Hood Road	R	20.7	X	X	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA040307_00	West Colyell Creek-From headwaters to Hood Road	R	20.7	X	X	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA040308_00	Middle Colyell Creek-From headwaters to Hood Road	R	21.1	X	X	N						FWP	DISSOLVED OXYGEN	IRC 4a		SILVICULTURE ACTIVITIES
LA040308_00	Middle Colyell Creek-From headwaters to Hood Road	R	21.1	X	X	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA040308_00	Middle Colyell Creek-From headwaters to Hood Road	R	21.1	X	X	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA040309_00	Colyell Creek-From headwaters to confluence with, and including, Little Colyell Creek	R	33.2	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040309_00	Colyell Creek-From headwaters to confluence with, and including, Little Colyell Creek	R	33.2	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA040309_00	Colyell Creek-From headwaters to confluence with, and including, Little Colyell Creek	R	33.2	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA040309_00	Colyell Creek-From headwaters to confluence with, and including, Little Colyell Creek	R	33.2	F	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040309_00	Colyell Creek-From headwaters to confluence with, and including, Little Colyell Creek	R	33.2	F	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040309_00	Colyell Creek-From headwaters to confluence with, and including, Little Colyell Creek	R	33.2	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SOURCE UNKNOWN
LA040401_00	Blind River-From Amite River Diversion Canal to mouth at Lake Maurepas (Scenic)	R	5.1	F	F	N		N				FWP	DISSOLVED OXYGEN	IRC 5: EPA decision deferred ¹	L	NATURAL SOURCES
LA040401_00	Blind River-From Amite River Diversion Canal to mouth at Lake Maurepas (Scenic)	R	5.1	F	F	N		N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA040401_00	Blind River-From Amite River Diversion Canal to mouth at Lake Maurepas (Scenic)	R	5.1	F	F	N		N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN

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LA040401_00	Blind River-From Amite River Diversion Canal to mouth at Lake Maurepas (Scenic)	R	5.1	F	F	N		N				FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA040401_00	Blind River-From Amite River Diversion Canal to mouth at Lake Maurepas (Scenic)	R	5.1	F	F	N		N				ONR	TURBIDITY	IRC 4a		NATURAL SOURCES
LA040402_00	Amite River Diversion Canal-From Amite River to Blind River	R	10.2	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5: EPA decision deferred ¹	L	NATURAL SOURCES
LA040402_00	Amite River Diversion Canal-From Amite River to Blind River	R	10.2	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA040402_00	Amite River Diversion Canal-From Amite River to Blind River	R	10.2	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA040403_00	Blind River-From headwaters to Amite River Diversion Canal (Scenic)	R	20.3	F	F	N		F				FWP	DISSOLVED OXYGEN	IRC 5-alt	L	NATURAL SOURCES
LA040403_00	Blind River-From headwaters to Amite River Diversion Canal (Scenic)	R	20.3	F	F	N		F				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA040403_00	Blind River-From headwaters to Amite River Diversion Canal (Scenic)	R	20.3	F	F	N		F				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA040403_00	Blind River-From headwaters to Amite River Diversion Canal (Scenic)	R	20.3	F	F	N		F				FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA040403_00555632	Petite Amite River - Located within subsegment LA040403_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	11.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA040403_00555632	Petite Amite River - Located within subsegment LA040403_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	11.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA040404_00	New River-From headwaters to New River Canal	R	23.2	N	F	N						FWP	DISSOLVED OXYGEN	IRC 5-alt	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040404_00	New River-From headwaters to New River Canal	R	23.2	N	F	N						FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)

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LA040404_00	New River-From headwaters to New River Canal	R	23.2	N	F	N						PCR	FECAL COLIFORM	IRC 5-alt	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040501_00	Tickfaw River-From Mississippi state line to La. Highway 42 (Scenic)	R	69.3	F	F	N		N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA040501_00	Tickfaw River-From Mississippi state line to La. Highway 42 (Scenic)	R	69.3	F	F	N		N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA040501_00	Tickfaw River-From Mississippi state line to La. Highway 42 (Scenic)	R	69.3	F	F	N		N				FWP	PH, LOW	IRC 5	L	NATURALLY OCCURRING ORGANIC ACIDS
LA040501_00	Tickfaw River-From Mississippi state line to La. Highway 42 (Scenic)	R	69.3	F	F	N		N				FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 4a		NATURAL SOURCES
LA040501_00	Tickfaw River-From Mississippi state line to La. Highway 42 (Scenic)	R	69.3	F	F	N		N				ONR	TURBIDITY	IRC 5	L	SILVICULTURE ACTIVITIES
LA040502_00536641	Lizard Creek-Located within subsegment LA040502_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	8.2			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA040502_00536641	Lizard Creek-Located within subsegment LA040502_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	8.2			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA040502_0053715	Blood River-From headwaters to George White Road	R	17.8	X	X	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA040502_0053715	Blood River-From headwaters to George White Road	R	17.8	X	X	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA040503_00	Natalbany River-From headwaters to La. Highway 22	R	30.7	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5-alt	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040503_00	Natalbany River-From headwaters to La. Highway 22	R	30.7	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA040503_00	Natalbany River-From headwaters to La. Highway 22	R	30.7	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA040503_00	Natalbany River-From headwaters to La. Highway 22	R	30.7	F	F	N						FWP	PH, LOW	IRC 5	L	NATURALLY OCCURRING ORGANIC ACIDS

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LA040504_00	Yellow Water River-From headwaters to Pontchatoula Creek	R	12.9	N	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 4a		NATURAL SOURCES
LA040504_00	Yellow Water River-From headwaters to Pontchatoula Creek	R	12.9	N	F	N						PCR	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040505_00	Ponchatoula Creek-From headwaters to La. Highway 22	R	20.8	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		RESIDENTIAL DISTRICTS
LA040505_00	Ponchatoula Creek-From headwaters to La. Highway 22	R	20.8	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA040505_00	Ponchatoula Creek-From headwaters to La. Highway 22	R	20.8	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA040505_00	Ponchatoula Creek-From headwaters to La. Highway 22	R	20.8	F	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		RESIDENTIAL DISTRICTS
LA040505_00	Ponchatoula Creek-From headwaters to La. Highway 22	R	20.8	F	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		RESIDENTIAL DISTRICTS
LA040505_00	Ponchatoula Creek-From headwaters to La. Highway 22	R	20.8	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	NATURAL SOURCES
LA040506_00	Tickfaw River-From La. Highway 42 to Lake Maurepas	R	26.3	N	F	N						FWP	CHLORIDE	IRC 5	L	NATURAL SOURCES
LA040506_00	Tickfaw River-From La. Highway 42 to Lake Maurepas	R	26.3	N	F	N						FWP	DISSOLVED OXYGEN	IRC 5: EPA decision deferred ¹	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040506_00	Tickfaw River-From La. Highway 42 to Lake Maurepas	R	26.3	N	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA040506_00	Tickfaw River-From La. Highway 42 to Lake Maurepas	R	26.3	N	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA040506_00	Tickfaw River-From La. Highway 42 to Lake Maurepas	R	26.3	N	F	N						FWP	SULFATE	IRC 5	L	NATURAL SOURCES
LA040506_00	Tickfaw River-From La. Highway 42 to Lake Maurepas	R	26.3	N	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	NATURAL SOURCES
LA040506_00	Tickfaw River-From La. Highway 42 to Lake Maurepas	R	26.3	N	F	N						PCR	TEMPERATURE	IRC 5	L	NATURAL SOURCES
LA040506_00	Tickfaw River-From La. Highway 42 to Lake Maurepas	R	26.3	N	F	N						PCR	TEMPERATURE	IRC 5	L	SITE CLEARANCE (LAND DEVELOPMENT OR REDEVELOPMENT)

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LA040507_00	Natalbany River-From La. Highway 22 to Tickfaw River	R	9.6	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5: EPA decision deferred ¹	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040507_00	Natalbany River-From La. Highway 22 to Tickfaw River	R	9.6	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA040507_00	Natalbany River-From La. Highway 22 to Tickfaw River	R	9.6	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA040507_00	Natalbany River-From La. Highway 22 to Tickfaw River	R	9.6	F	F	N						FWP	PH, LOW	IRC 5	L	NATURALLY OCCURRING ORGANIC ACIDS
LA040508_00	Ponchatoula Creek-From La. Highway 22 to Natalbany River	R	5.3	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		RESIDENTIAL DISTRICTS
LA040508_00	Ponchatoula Creek-From La. Highway 22 to Natalbany River	R	5.3	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA040508_00	Ponchatoula Creek-From La. Highway 22 to Natalbany River	R	5.3	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA040508_00	Ponchatoula Creek-From La. Highway 22 to Natalbany River	R	5.3	F	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		RESIDENTIAL DISTRICTS
LA040508_00	Ponchatoula Creek-From La. Highway 22 to Natalbany River	R	5.3	F	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		RESIDENTIAL DISTRICTS
LA040508_00	Ponchatoula Creek-From La. Highway 22 to Natalbany River	R	5.3	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SITE CLEARANCE (LAND DEVELOPMENT OR REDEVELOPMENT)
LA040601_00	Pass Manchac-From Lake Maurepas to Lake Pontchartrain; includes interlacustrine waters from North Pass to Mississippi River levee	R	39.1	F	F	F										
LA040602_00	Lake Maurepas	E	90.5	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	SOURCE UNKNOWN
LA040602_00	Lake Maurepas	E	90.5	F	F	N						FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA040603_00	Selsers Creek-From headwaters to Sisters Road	R	6.0	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA040603_00	Selsers Creek-From headwaters to Sisters Road	R	6.0	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA040603_00	Selsers Creek-From headwaters to Sisters Road	R	6.0	F	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 3	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040603_00	Selsers Creek-From headwaters to Sisters Road	R	6.0	F	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 3	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA040603_00	Selsers Creek-From headwaters to Sisters Road	R	6.0	F	F	N						FWP	PHOSPHORUS, TOTAL	IRC 3	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040603_00	Selsers Creek-From headwaters to Sisters Road	R	6.0	F	F	N						FWP	PHOSPHORUS, TOTAL	IRC 3	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA040603_00	Selsers Creek-From headwaters to Sisters Road	R	6.0	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	NATURAL SOURCES
LA040604_00	South Slough; includes Anderson Canal to Interstate Highway 55 borrow pit canal	R	11.5	F	F	N						FWP	CHLORIDE	IRC 5	L	NATURAL SOURCES
LA040604_00	South Slough; includes Anderson Canal to Interstate Highway 55 borrow pit canal	R	11.5	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	NATURAL SOURCES
LA040604_00	South Slough; includes Anderson Canal to Interstate Highway 55 borrow pit canal	R	11.5	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040604_00	South Slough; includes Anderson Canal to Interstate Highway 55 borrow pit canal	R	11.5	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	NATURAL SOURCES
LA040604_001	South Slough Wetland-Forested freshwater and brackish marsh located 1.4 miles south of Ponchatoula, directly east of Interstate Highway 55, extending to North Pass to the south and Tangipahoa River to the east	W	34,693.0		X	N						FWP	CAUSE UNKNOWN	IRC 4b		SOURCE UNKNOWN
LA040605_00	Mississippi Bayou and associated canals; includes Dutch Bayou, Reserve Relief Canal and Hope Canal	R	24.4	X	X	X										

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LA040606_00	Selsers Creek-From Sisters Road to South Slough	R	5.1	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040606_00	Selsers Creek-From Sisters Road to South Slough	R	5.1	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA040606_00	Selsers Creek-From Sisters Road to South Slough	R	5.1	F	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 3	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040606_00	Selsers Creek-From Sisters Road to South Slough	R	5.1	F	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 3	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA040606_00	Selsers Creek-From Sisters Road to South Slough	R	5.1	F	F	N						FWP	PHOSPHORUS, TOTAL	IRC 3	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040606_00	Selsers Creek-From Sisters Road to South Slough	R	5.1	F	F	N						FWP	PHOSPHORUS, TOTAL	IRC 3	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA040606_00	Selsers Creek-From Sisters Road to South Slough	R	5.1	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	NATURAL SOURCES
LA040701_00	Tangipahoa River-From Mississippi state line to Interstate Highway 12 (Scenic)	R	60.9	F	F	N		N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA040701_00	Tangipahoa River-From Mississippi state line to Interstate Highway 12 (Scenic)	R	60.9	F	F	N		N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA040701_00	Tangipahoa River-From Mississippi state line to Interstate Highway 12 (Scenic)	R	60.9	F	F	N		N				ONR	TURBIDITY	IRC 5	L	SITE CLEARANCE (LAND DEVELOPMENT OR REDEVELOPMENT)
LA040702_00	Tangipahoa River-From Interstate Highway 12 to Lake Pontchartrain	R	19.4	N	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA040702_00	Tangipahoa River-From Interstate Highway 12 to Lake Pontchartrain	R	19.4	N	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA040702_00	Tangipahoa River-From Interstate Highway 12 to Lake Pontchartrain	R	19.4	N	F	N						PCR	TEMPERATURE	IRC 5	L	NATURAL SOURCES
LA040703_00	Big Creek-From headwaters to Tangipahoa River	R	21.3	F	F	F										

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LA040704_00	Chappepeela Creek-From La. Highway 1062 to Tangipahoa River	R	32.1	F	F	N		N				FWP	PH, LOW	IRC 5	L	NATURALLY OCCURRING ORGANIC ACIDS
LA040704_00	Chappepeela Creek-From La. Highway 1062 to Tangipahoa River	R	32.1	F	F	N		N				ONR	TURBIDITY	IRC 5	L	SILVICULTURE ACTIVITIES
LA040705_00	Bedico Creek-From headwaters to Tangipahoa River	R	17.5	X	X	X										
LA040801_00	Tchefuncte River-From headwaters to US Highway 190; includes tributaries (Scenic)	R	52.2	F	F	N		F				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA040801_00	Tchefuncte River-From headwaters to US Highway 190; includes tributaries (Scenic)	R	52.2	F	F	N		F				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA040802_00	Ponchitolawa Creek-From headwaters to US Highway 190 (Scenic)	R	8.0	F	F	N		F				FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040802_00	Ponchitolawa Creek-From headwaters to US Highway 190 (Scenic)	R	8.0	F	F	N		F				FWP	DISSOLVED OXYGEN	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA040802_00	Ponchitolawa Creek-From headwaters to US Highway 190 (Scenic)	R	8.0	F	F	N		F				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION
LA040802_00	Ponchitolawa Creek-From headwaters to US Highway 190 (Scenic)	R	8.0	F	F	N		F				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA040802_00	Ponchitolawa Creek-From headwaters to US Highway 190 (Scenic)	R	8.0	F	F	N		F				FWP	TURBIDITY	IRC 5	L	CONSTRUCTION
LA040802_00	Ponchitolawa Creek-From headwaters to US Highway 190 (Scenic)	R	8.0	F	F	N		F				ONR	TURBIDITY	IRC 5	L	CONSTRUCTION
LA040803_00	Tchefuncte River-From La. Highway 22 to Lake Pontchartrain (Estuarine)	R	2.1	N	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA040803_00	Tchefuncte River-From La. Highway 22 to Lake Pontchartrain (Estuarine)	R	2.1	N	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA040803_00	Tchefuncte River-From La. Highway 22 to Lake Pontchartrain (Estuarine)	R	2.1	N	F	N						PCR	TEMPERATURE	IRC 5	L	DROUGHT-RELATED IMPACTS
LA040803_00	Tchefuncte River-From La. Highway 22 to Lake Pontchartrain (Estuarine)	R	2.1	N	F	N						PCR	TEMPERATURE	IRC 5	L	NATURAL SOURCES
LA040804_00	Bogue Falaya River-From headwaters to Tchefuncte River (Scenic) [12]	R	30.5	F	F	N		F				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA040804_00	Bogue Falaya River-From headwaters to Tchefuncte River (Scenic) [12]	R	30.5	F	F	N		F				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN

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LA040805_00	Chinchuba Swamp Wetland-Forested wetland located 0.87 miles southwest of Mandeville, southeast of Sanctuary Ridge, and north of Lake Pontchartrain	W	230.0		X	N						FWP	CAUSE UNKNOWN	IRC 4b		SOURCE UNKNOWN
LA040806_00	East Tchefuncte Marsh Wetland-Freshwater and brackish marsh located just west of Mandeville, bounded on the south by Lake Pontchartrain, the west by Tchefuncte River, the north by La. Highway 22, and the east by Sanctuary Ridge	W	3,257.0		X	F										
LA040807_00	Tchefuncte River from US Highway 190 to Bogue Falaya River; includes tributaries (Scenic)	R	9.0	F	F	N		F				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA040807_00	Tchefuncte River from US Highway 190 to Bogue Falaya River; includes tributaries (Scenic)	R	9.0	F	F	N		F				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA040808_00	Tchefuncte River-From Bogue Falaya River to La. Highway 22 (Scenic)	R	8.5	F	F	N		N				FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040808_00	Tchefuncte River-From Bogue Falaya River to La. Highway 22 (Scenic)	R	8.5	F	F	N		N				FWP	DISSOLVED OXYGEN	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA040808_00	Tchefuncte River-From Bogue Falaya River to La. Highway 22 (Scenic)	R	8.5	F	F	N		N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA040808_00	Tchefuncte River-From Bogue Falaya River to La. Highway 22 (Scenic)	R	8.5	F	F	N		N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA040808_00	Tchefuncte River-From Bogue Falaya River to La. Highway 22 (Scenic)	R	8.5	F	F	N		N				ONR	TURBIDITY	IRC 5	L	CONSTRUCTION
LA040809_00	Black River-From headwaters to La. Highway 22	R	4.0	X	X	X										
LA040901_00	Bayou Lacombe-From headwaters to Interstate Highway 12 (Scenic)	R	16.1	N	F	N		N				FWP	CHLORIDE	IRC 5	L	NATURAL SOURCES
LA040901_00	Bayou Lacombe-From headwaters to Interstate Highway 12 (Scenic)	R	16.1	N	F	N		N				FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA040901_00	Bayou Lacombe-From headwaters to Interstate Highway 12 (Scenic)	R	16.1	N	F	N		N				FWP	SULFATE	IRC 5	L	NATURAL SOURCES
LA040901_00	Bayou Lacombe-From headwaters to Interstate Highway 12 (Scenic)	R	16.1	N	F	N		N				FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	NATURAL SOURCES
LA040901_00	Bayou Lacombe-From headwaters to Interstate Highway 12 (Scenic)	R	16.1	N	F	N		N				ONR	TURBIDITY	IRC 5	L	NATURAL SOURCES
LA040901_00	Bayou Lacombe-From headwaters to Interstate Highway 12 (Scenic)	R	16.1	N	F	N		N				PCR	TEMPERATURE	IRC 5	L	DROUGHT-RELATED IMPACTS
LA040902_00	Bayou Lacombe-From CDM Ecoregion boundary to Lake Pontchartrain (Scenic) (Estuarine)	R	2.8	F	F	N		F				FWP	CHLORIDE	IRC 5	L	NATURAL SOURCES
LA040902_00	Bayou Lacombe-From CDM Ecoregion boundary to Lake Pontchartrain (Scenic) (Estuarine)	R	2.8	F	F	N		F				FWP	SULFATE	IRC 5	L	NATURAL SOURCES

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LA040902_00	Bayou Lacombe-From CDM Ecoregion boundary to Lake Pontchartrain (Scenic) (Estuarine)	R	2.8	F	F	N		F				FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	NATURAL SOURCES
LA040903_00	Bayou Cane-From headwaters to US Highway 190 (Scenic)	R	3.5	N	F	N		N				FWP	CHLORIDE	IRC 5	L	NATURAL SOURCES
LA040903_00	Bayou Cane-From headwaters to US Highway 190 (Scenic)	R	3.5	N	F	N		N				FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040903_00	Bayou Cane-From headwaters to US Highway 190 (Scenic)	R	3.5	N	F	N		N				FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	NATURAL SOURCES
LA040903_00	Bayou Cane-From headwaters to US Highway 190 (Scenic)	R	3.5	N	F	N		N				ONR	TURBIDITY	IRC 4a		NATURAL SOURCES
LA040903_00	Bayou Cane-From headwaters to US Highway 190 (Scenic)	R	3.5	N	F	N		N				PCR	TEMPERATURE	IRC 5	L	DROUGHT-RELATED IMPACTS
LA040903_00	Bayou Cane-From headwaters to US Highway 190 (Scenic)	R	3.5	N	F	N		N				PCR	TEMPERATURE	IRC 5	L	NATURAL SOURCES
LA040904_00	Bayou Cane-From CDM Ecoregion boundary to Lake Pontchartrain (Scenic) (Estuarine)	R	0.7	F	F	N		F				FWP	COPPER	IRC 5	L	NATURAL SOURCES
LA040905_00	Bayou Liberty-From headwaters to LMRAP Ecoregion boundary	R	5.0	F	F	N						FWP	CHLORIDE	IRC 5	L	NATURAL SOURCES
LA040905_00	Bayou Liberty-From headwaters to LMRAP Ecoregion boundary	R	5.0	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040905_00	Bayou Liberty-From headwaters to LMRAP Ecoregion boundary	R	5.0	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA040905_00	Bayou Liberty-From headwaters to LMRAP Ecoregion boundary	R	5.0	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA040905_00	Bayou Liberty-From headwaters to LMRAP Ecoregion boundary	R	5.0	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA040905_00	Bayou Liberty-From headwaters to LMRAP Ecoregion boundary	R	5.0	F	F	N						FWP	SULFATE	IRC 5	L	NATURAL SOURCES
LA040905_00	Bayou Liberty-From headwaters to LMRAP Ecoregion boundary	R	5.0	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	NATURAL SOURCES
LA040906_00	Bayou Liberty-From La. Highway 433 to Bayou Bonfouca; includes Bayou de Chien (Estuarine)	R	1.8	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)

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LA040906_00	Bayou Liberty-From La. Highway 433 to Bayou Bonfouca; includes Bayou de Chien (Estuarine)	R	1.8	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA040906_00	Bayou Liberty-From La. Highway 433 to Bayou Bonfouca; includes Bayou de Chien (Estuarine)	R	1.8	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA040906_00	Bayou Liberty-From La. Highway 433 to Bayou Bonfouca; includes Bayou de Chien (Estuarine)	R	1.8	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA040907_00	Bayou Bonfouca-From headwaters to La. Highway 433	R	5.9	N	F	N						FWP	CHLORIDE	IRC 5	L	NATURAL SOURCES
LA040907_00	Bayou Bonfouca-From headwaters to La. Highway 433	R	5.9	N	F	N						FWP	COPPER	IRC 5	L	NATURAL SOURCES
LA040907_00	Bayou Bonfouca-From headwaters to La. Highway 433	R	5.9	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		MUNICIPAL (URBANIZED HIGH DENSITY AREA)
LA040907_00	Bayou Bonfouca-From headwaters to La. Highway 433	R	5.9	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040907_00	Bayou Bonfouca-From headwaters to La. Highway 433	R	5.9	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		SANITARY SEWER OVERFLOWS (COLLECTION SYSTEM FAILURES)
LA040907_00	Bayou Bonfouca-From headwaters to La. Highway 433	R	5.9	N	F	N						FWP	SULFATE	IRC 5	L	NATURAL SOURCES
LA040907_00	Bayou Bonfouca-From headwaters to La. Highway 433	R	5.9	N	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	NATURAL SOURCES
LA040907_00	Bayou Bonfouca-From headwaters to La. Highway 433	R	5.9	N	F	N						PCR	BENZO[A]PYRENE (PAHS)	IRC 4b		CERCLA NPL (SUPERFUND) SITES
LA040907_00	Bayou Bonfouca-From headwaters to La. Highway 433	R	5.9	N	F	N						PCR	BENZO[A]PYRENE (PAHS)	IRC 4b		CONTAMINATED SEDIMENTS
LA040908_00	Bayou Bonfouca-From CDM Ecoregion boundary to Lake Pontchartrain (Estuarine)	R	3.7	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040908_00	Bayou Bonfouca-From CDM Ecoregion boundary to Lake Pontchartrain (Estuarine)	R	3.7	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA040908_00	Bayou Bonfouca-From CDM Ecoregion boundary to Lake Pontchartrain (Estuarine)	R	3.7	N	F	N						PCR	BENZO[A]PYRENE (PAHS)	IRC 4b		CERCLA NPL (SUPERFUND) SITES
LA040908_00	Bayou Bonfouca-From CDM Ecoregion boundary to Lake Pontchartrain (Estuarine)	R	3.7	N	F	N						PCR	BENZO[A]PYRENE (PAHS)	IRC 4b		CONTAMINATED SEDIMENTS

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LA040909_00	W-14 Main Diversion Canal-From headwaters to Salt Bayou	R	6.3	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	MUNICIPAL POINT SOURCE DISCHARGES
LA040909_00	W-14 Main Diversion Canal-From headwaters to Salt Bayou	R	6.3	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	SANITARY SEWER OVERFLOWS (COLLECTION SYSTEM FAILURES)
LA040910_00	Salt Bayou-From headwaters to Lake Pontchartrain (Estuarine)	R	5.1	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040910_00	Salt Bayou-From headwaters to Lake Pontchartrain (Estuarine)	R	5.1	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA040911_00	Grand Lagoon; includes associated canals (Estuarine)	R	20.7	F	F	F										
LA040912_00	Bayou LaCombe-From Interstate Highway 12 to US Highway 190 (Scenic)	R	5.1	N	F	N		N				FWP	CHLORIDE	IRC 5	L	NATURAL SOURCES
LA040912_00	Bayou LaCombe-From Interstate Highway 12 to US Highway 190 (Scenic)	R	5.1	N	F	N		N				FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040912_00	Bayou LaCombe-From Interstate Highway 12 to US Highway 190 (Scenic)	R	5.1	N	F	N		N				FWP	SULFATE	IRC 5	L	NATURAL SOURCES
LA040912_00	Bayou LaCombe-From Interstate Highway 12 to US Highway 190 (Scenic)	R	5.1	N	F	N		N				FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	NATURAL SOURCES
LA040912_00	Bayou LaCombe-From Interstate Highway 12 to US Highway 190 (Scenic)	R	5.1	N	F	N		N				ONR	TURBIDITY	IRC 5	L	NATURAL SOURCES
LA040912_00	Bayou LaCombe-From Interstate Highway 12 to US Highway 190 (Scenic)	R	5.1	N	F	N		N				PCR	TEMPERATURE	IRC 5	L	NATURAL SOURCES
LA040913_00	Bayou LaCombe-From US Highway 190 to CDM Ecoregion boundary (Scenic) (Estuarine)	R	4.1	X	X	F		N				ONR	TURBIDITY	IRC 5	L	NATURAL SOURCES
LA040914_00	Bayou Cane-From US Highway 190 to CDM Ecoregion boundary (Scenic) (Estuarine)	R	1.0	X	X	X		X								
LA040915_00	Bayou Liberty-From LMRAP Ecoregion boundary to La. Highway 433	R	8.6	F	F	N						FWP	CHLORIDE	IRC 5	L	NATURAL SOURCES
LA040915_00	Bayou Liberty-From LMRAP Ecoregion boundary to La. Highway 433	R	8.6	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040915_00	Bayou Liberty-From LMRAP Ecoregion boundary to La. Highway 433	R	8.6	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA040915_00	Bayou Liberty-From LMRAP Ecoregion boundary to La. Highway 433	R	8.6	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA040915_00	Bayou Liberty-From LMRAP Ecoregion boundary to La. Highway 433	R	8.6	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA040915_00	Bayou Liberty-From LMRAP Ecoregion boundary to La. Highway 433	R	8.6	F	F	N						FWP	SULFATE	IRC 5	L	NATURAL SOURCES
LA040915_00	Bayou Liberty-From LMRAP Ecoregion boundary to La. Highway 433	R	8.6	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	NATURAL SOURCES
LA040916_00	Bayou Paquet-From headwaters to Bayou Liberty (Estuarine)	R	5.1	X	X	N						FWP	DISSOLVED OXYGEN	IRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA040917_00	Bayou Bonfouca-From La. Highway 433 to CDM Ecoregion boundary (Estuarine)	R	2.7	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040917_00	Bayou Bonfouca-From La. Highway 433 to CDM Ecoregion boundary (Estuarine)	R	2.7	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA040917_00	Bayou Bonfouca-From La. Highway 433 to CDM Ecoregion boundary (Estuarine)	R	2.7	N	F	N						PCR	BENZO[A]PYRENE (PAHS)	IRC 4b		CERCLA NPL (SUPERFUND) SITES
LA040917_00	Bayou Bonfouca-From La. Highway 433 to CDM Ecoregion boundary (Estuarine)	R	2.7	N	F	N						PCR	BENZO[A]PYRENE (PAHS)	IRC 4b		CONTAMINATED SEDIMENTS
LA041001_00	Lake Pontchartrain-West of US- 11 bridge (Estuarine)	E	594.2	F	F	F										
LA041001_001	Fontainebleau State Park Beach - Located within subsegment LA041001_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et. seq. No other assessment is made for this waterbody.	C	0.1	N								PCR	ENTEROCOCCUS	IRC 5	L	SOURCE UNKNOWN
LA041002_00	Lake Pontchartrain-East of US Highway 11 bridge (Estuarine)	E	39.6	F	F	F			F							
LA041101_00	Bonnet Carre Spillway	W	6,973.5	F	F	N						FWP	CHLORIDE	IRC 5	L	NATURAL SOURCES
LA041101_00	Bonnet Carre Spillway	W	6,973.5	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5: EPA decision deferred ¹	L	FRESHETS OR MAJOR FLOODING
LA041101_00	Bonnet Carre Spillway	W	6,973.5	F	F	N						FWP	SULFATE	IRC 5	L	NATURAL SOURCES
LA041101_00	Bonnet Carre Spillway	W	6,973.5	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	NATURAL SOURCES
LA041201_00	Bayou Labranche-From headwaters to Lake Pontchartrain (Scenic) (Estuarine)	R	3.7	F	F	N		F				FWP	DISSOLVED OXYGEN	IRC 4a		FORCED DRAINAGE PUMPING
LA041201_00	Bayou Labranche-From headwaters to Lake Pontchartrain (Scenic) (Estuarine)	R	3.7	F	F	N		F				FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES

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LA041202_00	Bayou Trepagnier-From Norco to Bayou Labranche (Scenic) (Estuarine)	R	3.0	F	F	N		F				FWP	DISSOLVED OXYGEN	IRC 5RC	L	NATURAL SOURCES
LA041203_00	Duncan Canal-From headwaters to Lake Pontchartrain; also called Parish Line Canal (Estuarine)	R	3.3	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	MUNICIPAL POINT SOURCE DISCHARGES
LA041203_00	Duncan Canal-From headwaters to Lake Pontchartrain; also called Parish Line Canal (Estuarine)	R	3.3	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	NATURAL SOURCES
LA041204_00	Bayou Traverse-From headwaters to LMRAP Ecoregion boundary (Estuarine)	R	1.0	X	X	X										
LA041301_00	Bayou St. John (Scenic) (Estuarine)	R	3.9	N	F	F		F				PCR	TEMPERATURE	IRC 5	L	NATURAL SOURCES
LA041302_00	Lake Pontchartrain Drainage Canals in Jefferson and Orleans Parishes (Estuarine)	R	56.0	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	MUNICIPAL (URBANIZED) HIGH DENSITY AREA
LA041302_00	Lake Pontchartrain Drainage Canals in Jefferson and Orleans Parishes (Estuarine)	R	56.0	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	SANITARY SEWER OVERFLOWS (COLLECTION SYSTEM FAILURES)
LA041401_00	New Orleans East Leveed Water Bodies (Estuarine)	R	25.2	F	F	F										
LA041501_00	Inner Harbor Navigation Canal-From Mississippi River Lock to Lake Pontchartrain (Estuarine)	R	5.3	F	F	F										
LA041601_00	Intracoastal Waterway-Inner Harbor Navigation Canal to Chef Menteur Pass (Estuarine)	R	14.4	F	F	N			F			FWP	PH, LOW	IRC 5	L	TRANSFER OF WATER FROM AN OUTSIDE WATERSHED
LA041701_00	The Rigolets (Estuarine)	E	5.0	F	F	F										
LA041702_00	Bayou Sauvage-From New Orleans hurricane protection levee to Chef Menteur Pass; includes Chef Menteur Pass (Estuarine)	R	10.4	F	F	F										
LA041703_00	Intracoastal Waterway-From Chef Menteur Pass to Lake Borgne (Estuarine)	R	11.0	F	F	F			F							
LA041704_00	Lake St. Catherine	E	10.0	F	F	F										
LA041801_00	Bayou Bienvenue-From headwaters to hurricane gate at MRGO (Estuarine)	R	2.9	F	F	F										
LA041802_00	Bayou Chaperon (Scenic) (Estuarine)	R	1.9	F	F	N		F				FWP	DISSOLVED OXYGEN	IRC 5	L	NATURAL SOURCES
LA041803_00	Bashman Bayou-From headwaters to Bayou Dupre (Scenic) (Estuarine)	R	1.6	F	F	F		F								
LA041804_00	Bayou Dupre-From Lake Borgne Canal to Terre Beau Bayou (Scenic) (Estuarine)	R	2.8	F	F	F		F								
LA041805_00	Lake Borgne Canal-From Mississippi River siphon at Violet to Bayou Dupre; also called Violet Canal (Scenic) (Estuarine)	R	2.6	F	F	N		F				FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA041806_00	Pirogue Bayou-From Bayou Dupre to New Canal (Scenic) (Estuarine)	R	2.4	F	F	N		F				FWP	DISSOLVED OXYGEN	IRC 5RC	L	NATURAL SOURCES
LA041807_00	Terre Beau Bayou-From Bayou Dupre to New Canal (Scenic) (Estuarine)	R	2.1	F	F	N		F				FWP	DISSOLVED OXYGEN	IRC 5RC	L	NATURAL SOURCES
LA041808_00	New Canal (Estuarine)	R	3.6	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5RC	L	NATURAL SOURCES

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LA041809_00	Poydras-Verret Marsh Wetland-Forested and marsh wetland located 1.5 miles north of St. Bernard, south of Violet Canal, and northeast of Forty Arpent Canal	W	3,840.0		X	X										
LA041901_00	Mississippi River Gulf Outlet (MRGO)-From ICWW to Breton Sound at MRGO mile 30	R	30.1	F	F	N			F			FWP	DISSOLVED OXYGEN	IRC 5RC	L	SOURCE UNKNOWN
LA042001_00	Lake Borgne	E	277.8	F	F	F			F							
LA042002_00	Bayou Bienvenue-From Bayou Villere to Lake Borgne (Scenic) (Estuarine)	R	2.9	F	F	N		F	N			FWP	PH, LOW	IRC 5	L	SOURCE UNKNOWN
LA042002_00	Bayou Bienvenue-From Bayou Villere to Lake Borgne (Scenic) (Estuarine)	R	2.9	F	F	N		F	N			OYS	FECAL COLIFORM	IRC 5	M	SOURCE UNKNOWN
LA042003_00	Bayou La Loutre-From MRGO to Eloi Bay (Estuarine)	R	22.4	F	F	F			F							
LA042004_00	Bayou Bienvenue-From MRGO to Bayou Villere (Estuarine)	R	2.7	F	F	F			N			OYS	FECAL COLIFORM	IRC 5	M	WILDLIFE OTHER THAN WATERFOWL
LA042101_00	Bayou Terre Aux Boeufs (Estuarine)	R	26.8	F	F	F			F							
LA042102_00	River Aux Chenes; also called Oak River (Estuarine)	R	21.6	F	F	F			F							
LA042103_00	Bayou Gentilly-From Bayou Terre Aux Boeufs to Petit Lake (Estuarine)	R	2.4	F	F	F			F							
LA042104_00	Petit Lake	E	1.5	F	F	F			F							
LA042105_00	Lake Lery	E	8.3	F	F	F			F							
LA042201_00	Chandeleur Sound	E	872.4	F	F	N			F			FWP	DISSOLVED OXYGEN	IRC 5RC	L	SOURCE UNKNOWN
LA042202_00	California Bay and Breton Sound	E	329.6	F	F	N			F			FWP	DISSOLVED OXYGEN	IRC 5RC	L	SOURCE UNKNOWN
LA042203_00	Bay Boudreau	E	34.0	F	F	N			F			FWP	DISSOLVED OXYGEN	IRC 5RC	L	SOURCE UNKNOWN
LA042204_00	Drum Bay	E	14.0	F	F	F			F							
LA042205_00	Morgan Harbor	E	14.0	F	F	F			F							
LA042206_00	Eloi Bay	E	70.0	F	F	F			F							
LA042207_00	Lake Fortuna	E	15.8	F	F	F			F							
LA042208_00	Bay Gardene, Black Bay, Lost Bayou, American Bay and Bay Crabe	E	43.2	F	F	F			F							
LA042209_00	Lake Pontchartrain Basin Coastal Bays and Gulf Waters to the State 3 mile limit	E	255.6	F	F	N			N			FWP	DISSOLVED OXYGEN	IRC 5RC	L	SOURCE UNKNOWN
LA042209_00	Lake Pontchartrain Basin Coastal Bays and Gulf Waters to the State 3 mile limit	E	255.6	F	F	N			N			FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA042209_00	Lake Pontchartrain Basin Coastal Bays and Gulf Waters to the State 3 mile limit	E	255.6	F	F	N			N			FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA042209_00	Lake Pontchartrain Basin Coastal Bays and Gulf Waters to the State 3 mile limit	E	255.6	F	F	N			N			OYS	FECAL COLIFORM	IRC 5	M	SOURCE UNKNOWN
LA050101_00	Bayou Des Cannes-From headwaters to Mermentau River	R	67.5	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		AGRICULTURE
LA050101_00	Bayou Des Cannes-From headwaters to Mermentau River	R	67.5	F	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS

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LA050101_00	Bayou Des Cannes-From headwaters to Mermentau River	R	67.5	F	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA050101_00	Bayou Des Cannes-From headwaters to Mermentau River	R	67.5	F	F	N				F		FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		AGRICULTURE
LA050101_00	Bayou Des Cannes-From headwaters to Mermentau River	R	67.5	F	F	N				F		FWP	PHOSPHORUS, TOTAL	IRC 4a		AGRICULTURE
LA050101_00	Bayou Des Cannes-From headwaters to Mermentau River	R	67.5	F	F	N				F		FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA050103_00	Bayou Mallet-From headwaters to Bayou Des Cannes	R	48.2	N	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		AGRICULTURE
LA050103_00	Bayou Mallet-From headwaters to Bayou Des Cannes	R	48.2	N	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		CROP PRODUCTION (IRRIGATED)
LA050103_00	Bayou Mallet-From headwaters to Bayou Des Cannes	R	48.2	N	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		CROP PRODUCTION (NON-IRRIGATED)
LA050103_00	Bayou Mallet-From headwaters to Bayou Des Cannes	R	48.2	N	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA050103_00	Bayou Mallet-From headwaters to Bayou Des Cannes	R	48.2	N	F	N				F		FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	AGRICULTURE
LA050103_00	Bayou Mallet-From headwaters to Bayou Des Cannes	R	48.2	N	F	N				F		FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	CROP PRODUCTION (IRRIGATED)
LA050103_00	Bayou Mallet-From headwaters to Bayou Des Cannes	R	48.2	N	F	N				F		FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	CROP PRODUCTION (NON-IRRIGATED)
LA050103_00	Bayou Mallet-From headwaters to Bayou Des Cannes	R	48.2	N	F	N				F		FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	NATURAL SOURCES
LA050103_00	Bayou Mallet-From headwaters to Bayou Des Cannes	R	48.2	N	F	N				F		PCR	FECAL COLIFORM	IRC 5	L	LIVESTOCK (GRAZING OR FEEDING OPERATIONS)
LA050103_00	Bayou Mallet-From headwaters to Bayou Des Cannes	R	48.2	N	F	N				F		PCR	FECAL COLIFORM	IRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA050201_00	Bayou Plaquemine Brule-From headwaters to Bayou Des Cannes	R	57.0	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA050201_00	Bayou Plaquemine Brule-From headwaters to Bayou Des Cannes	R	57.0	F	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA050201_00	Bayou Plaquemine Brule-From headwaters to Bayou Des Cannes	R	57.0	F	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA050201_00	Bayou Plaquemine Brule-From headwaters to Bayou Des Cannes	R	57.0	F	F	N				F		FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA050201_00	Bayou Plaquemine Brule-From headwaters to Bayou Des Cannes	R	57.0	F	F	N				F		FWP	PHOSPHORUS, TOTAL	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA050201_00	Bayou Plaquemine Brule-From headwaters to Bayou Des Cannes	R	57.0	F	F	N				F		FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA050301_00	Bayou Nezpique-From headwaters to Mermentau River: includes intermittent portion of Beaver Creek	R	65.0	N	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		AGRICULTURE

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LA050301_00	Bayou Nezpique-From headwaters to Mermentau River: includes intermittent portion of Beaver Creek	R	65.0	N	F	N				F		FWP	LEAD	IRC 4a		SOURCE UNKNOWN
LA050301_00	Bayou Nezpique-From headwaters to Mermentau River: includes intermittent portion of Beaver Creek	R	65.0	N	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA050301_00	Bayou Nezpique-From headwaters to Mermentau River: includes intermittent portion of Beaver Creek	R	65.0	N	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA050301_00	Bayou Nezpique-From headwaters to Mermentau River: includes intermittent portion of Beaver Creek	R	65.0	N	F	N				F		FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		AGRICULTURE
LA050301_00	Bayou Nezpique-From headwaters to Mermentau River: includes intermittent portion of Beaver Creek	R	65.0	N	F	N				F		FWP	PHOSPHORUS, TOTAL	IRC 4a		AGRICULTURE
LA050301_00	Bayou Nezpique-From headwaters to Mermentau River: includes intermittent portion of Beaver Creek	R	65.0	N	F	N				F		FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA050301_00	Bayou Nezpique-From headwaters to Mermentau River: includes intermittent portion of Beaver Creek	R	65.0	N	F	N				F		PCR	FECAL COLIFORM	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA050301_00	Bayou Nezpique-From headwaters to Mermentau River: includes intermittent portion of Beaver Creek	R	65.0	N	F	N				F		PCR	FECAL COLIFORM	IRC 4a		RUNOFF FROM FOREST/GRASSLAND/PARKLAND
LA050301_00	Bayou Nezpique-From headwaters to Mermentau River: includes intermittent portion of Beaver Creek	R	65.0	N	F	N				F		PCR	FECAL COLIFORM	IRC 4a		RURAL (RESIDENTIAL AREAS)
LA050301_00556751	Crooked Creek Reservoir-Located within subsegment LA050301_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this lake.	L	370.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA050301_00556751	Crooked Creek Reservoir-Located within subsegment LA050301_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this lake.	L	370.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA050303_00	Castor Creek-From headwaters to Bayou Nezpique	R	26.5	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA050303_00	Castor Creek-From headwaters to Bayou Nezpique	R	26.5	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NON-POINT SOURCE
LA050303_00	Castor Creek-From headwaters to Bayou Nezpique	R	26.5	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA050303_00	Castor Creek-From headwaters to Bayou Nezpique	R	26.5	N	F	N						FWP	LEAD	IRC 4a		SOURCE UNKNOWN
LA050303_00	Castor Creek-From headwaters to Bayou Nezpique	R	26.5	N	F	N						PCR	FECAL COLIFORM	IRC 4a		NATURAL SOURCES
LA050303_00	Castor Creek-From headwaters to Bayou Nezpique	R	26.5	N	F	N						PCR	FECAL COLIFORM	IRC 4a		NON-POINT SOURCE

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA050303_00	Castor Creek-From headwaters to Bayou Nezpique	R	26.5	N	F	N						PCR	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA050303_00	Castor Creek-From headwaters to Bayou Nezpique	R	26.5	N	F	N						PCR	FECAL COLIFORM	IRC 4a		WILDLIFE OTHER THAN WATERFOWL
LA050304_00	Bayou Blue-From headwaters to Bayou Nezpique	R	34.3	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		AGRICULTURE
LA050304_00	Bayou Blue-From headwaters to Bayou Nezpique	R	34.3	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		DROUGHT-RELATED IMPACTS
LA050304_00	Bayou Blue-From headwaters to Bayou Nezpique	R	34.3	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		RUNOFF FROM FOREST/GRASSLAND/PARKLAND
LA050304_00	Bayou Blue-From headwaters to Bayou Nezpique	R	34.3	N	F	N						FWP	LEAD	IRC 4a		SOURCE UNKNOWN
LA050304_00	Bayou Blue-From headwaters to Bayou Nezpique	R	34.3	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	DROUGHT-RELATED IMPACTS
LA050304_00	Bayou Blue-From headwaters to Bayou Nezpique	R	34.3	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	RUNOFF FROM FOREST/GRASSLAND/PARKLAND
LA050304_00	Bayou Blue-From headwaters to Bayou Nezpique	R	34.3	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	RURAL (RESIDENTIAL AREAS)
LA050401_00	Mermentau River-From headwaters to Lake Arthur	R	15.7	N	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		AGRICULTURE
LA050401_00	Mermentau River-From headwaters to Lake Arthur	R	15.7	N	F	N				F		FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		AGRICULTURE
LA050401_00	Mermentau River-From headwaters to Lake Arthur	R	15.7	N	F	N				F		FWP	PHOSPHORUS, TOTAL	IRC 4a		AGRICULTURE
LA050401_00	Mermentau River-From headwaters to Lake Arthur	R	15.7	N	F	N				F		PCR	FECAL COLIFORM	IRC 5	L	MUNICIPAL POINT SOURCE DISCHARGES
LA050401_00	Mermentau River-From headwaters to Lake Arthur	R	15.7	N	F	N				F		PCR	FECAL COLIFORM	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA050402_00	Lake Arthur and Lower Mermentau River to Grand Lake	E	9.3	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA050402_00	Lake Arthur and Lower Mermentau River to Grand Lake	E	9.3	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NON-POINT SOURCE
LA050402_00	Lake Arthur and Lower Mermentau River to Grand Lake	E	9.3	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA050501_00	Bayou Queue de Tortue-From headwaters to Mermentau River	R	57.2	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		AGRICULTURE

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LA050501_00	Bayou Queue de Tortue-From headwaters to Mermentau River	R	57.2	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA050501_00	Bayou Queue de Tortue-From headwaters to Mermentau River	R	57.2	F	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA050501_00	Bayou Queue de Tortue-From headwaters to Mermentau River	R	57.2	F	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA050501_00	Bayou Queue de Tortue-From headwaters to Mermentau River	R	57.2	F	F	N				F		FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		AGRICULTURE
LA050501_00	Bayou Queue de Tortue-From headwaters to Mermentau River	R	57.2	F	F	N				F		FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		NATURAL SOURCES
LA050501_00	Bayou Queue de Tortue-From headwaters to Mermentau River	R	57.2	F	F	N				F		FWP	PHOSPHORUS, TOTAL	IRC 4a		AGRICULTURE
LA050501_00	Bayou Queue de Tortue-From headwaters to Mermentau River	R	57.2	F	F	N				F		FWP	PHOSPHORUS, TOTAL	IRC 4a		NATURAL SOURCES
LA050501_00	Bayou Queue de Tortue-From headwaters to Mermentau River	R	57.2	F	F	N				F		FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA050501_00	Bayou Queue de Tortue-From headwaters to Mermentau River	R	57.2	F	F	N				F		FWP	TURBIDITY	IRC 4a		WATER DIVERSIONS
LA050601_00	Lacassine Bayou-From headwaters to Grand Lake	R	34.8	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		AGRICULTURE
LA050601_00	Lacassine Bayou-From headwaters to Grand Lake	R	34.8	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		LIVESTOCK (GRAZING OR FEEDING OPERATIONS)
LA050601_00	Lacassine Bayou-From headwaters to Grand Lake	R	34.8	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA050601_00	Lacassine Bayou-From headwaters to Grand Lake	R	34.8	F	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA050601_00	Lacassine Bayou-From headwaters to Grand Lake	R	34.8	F	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA050602_00	Intracoastal Waterway-From Calcasieu River Basin Boundary to Mermentau River	R	17.0	N	F	N				F		FWP	CHLORIDE	IRC 5	L	NATURAL SOURCES
LA050602_00	Intracoastal Waterway-From Calcasieu River Basin Boundary to Mermentau River	R	17.0	N	F	N				F		FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	NATURAL SOURCES
LA050602_00	Intracoastal Waterway-From Calcasieu River Basin Boundary to Mermentau River	R	17.0	N	F	N				F		FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA050602_00	Intracoastal Waterway-From Calcasieu River Basin Boundary to Mermentau River	R	17.0	N	F	N				F		FWP	TURBIDITY	IRC 4a		WATER DIVERSIONS
LA050602_00	Intracoastal Waterway-From Calcasieu River Basin Boundary to Mermentau River	R	17.0	N	F	N				F		PCR	FECAL COLIFORM	IRC 5	L	DROUGHT-RELATED IMPACTS
LA050602_00	Intracoastal Waterway-From Calcasieu River Basin Boundary to Mermentau River	R	17.0	N	F	N				F		PCR	FECAL COLIFORM	IRC 5	L	RUNOFF FROM FOREST/GRASSLAND/PARKLAND
LA050602_00	Intracoastal Waterway-From Calcasieu River Basin Boundary to Mermentau River	R	17.0	N	F	N				F		PCR	FECAL COLIFORM	IRC 5	L	RURAL (RESIDENTIAL AREAS)

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LA050603_00	Bayou Chene-From headwaters to Lacassine Bayou; includes Bayou Grand Marais	R	21.1	N	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		AGRICULTURE
LA050603_00	Bayou Chene-From headwaters to Lacassine Bayou; includes Bayou Grand Marais	R	21.1	N	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA050603_00	Bayou Chene-From headwaters to Lacassine Bayou; includes Bayou Grand Marais	R	21.1	N	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA050603_00	Bayou Chene-From headwaters to Lacassine Bayou; includes Bayou Grand Marais	R	21.1	N	F	N				F		PCR	FECAL COLIFORM	IRC 5	L	DROUGHT-RELATED IMPACTS
LA050603_00	Bayou Chene-From headwaters to Lacassine Bayou; includes Bayou Grand Marais	R	21.1	N	F	N				F		PCR	FECAL COLIFORM	IRC 5	L	RUNOFF FROM FOREST/GRASSLAND/PARKLAND
LA050603_00	Bayou Chene-From headwaters to Lacassine Bayou; includes Bayou Grand Marais	R	21.1	N	F	N				F		PCR	FECAL COLIFORM	IRC 5	L	RURAL (RESIDENTIAL AREAS)
LA050701_00	Grand Lake	L	47,869.0	F	F	N				F		FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA050702_00	Intracoastal Waterway-From Mermentau River to Vermilion Locks	R	39.7	F	F	N				F		FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA050702_00	Intracoastal Waterway-From Mermentau River to Vermilion Locks	R	39.7	F	F	N				F		FWP	TURBIDITY	IRC 4a		DREDGING (E.G., FOR NAVIGATION CHANNELS)
LA050702_00	Intracoastal Waterway-From Mermentau River to Vermilion Locks	R	39.7	F	F	N				F		FWP	TURBIDITY	IRC 4a		SEDIMENT RESUSPENSION (CLEAN SEDIMENT)
LA050702_001	Seventh Ward Canal-Located within LA050702. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	9.9			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA050702_001	Seventh Ward Canal-Located within LA050702. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	9.9			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA050703_00	White Lake	L	56,487.1	F	F	N				F		FWP	CHLORIDE	IRC 4a		NATURAL SOURCES
LA050703_00	White Lake	L	56,487.1	F	F	N				F		FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 4a		NATURAL SOURCES
LA050703_00	White Lake	L	56,487.1	F	F	N				F		FWP	TURBIDITY	IRC 4a		NATURAL SOURCES
LA050801_00	Mermentau River-From Catfish Point Control Structure to Gulf of Mexico (Estuarine)	R	24.9	N	F	F			N			OYS	FECAL COLIFORM	IRC 5	M	NATURAL SOURCES
LA050801_00	Mermentau River-From Catfish Point Control Structure to Gulf of Mexico (Estuarine)	R	24.9	N	F	F			N			OYS	FECAL COLIFORM	IRC 5	M	WATERFOWL
LA050801_00	Mermentau River-From Catfish Point Control Structure to Gulf of Mexico (Estuarine)	R	24.9	N	F	F			N			PCR	FECAL COLIFORM	IRC 5	M	NATURAL SOURCES
LA050801_00	Mermentau River-From Catfish Point Control Structure to Gulf of Mexico (Estuarine)	R	24.9	N	F	F			N			PCR	FECAL COLIFORM	IRC 5	M	WATERFOWL
LA050802_00	Big Constance Lake; includes associated water bodies	E	2.0	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA050802_00	Big Constance Lake; includes associated water bodies	E	2.0	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	NATURAL SOURCES

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LA050802_00	Big Constance Lake; includes associated water bodies	E	2.0	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	WATERFOWL
LA050901_00	Mermentau River Basin Coastal Bays and Gulf Waters to the State 3 mile limit	E	187.0	F	F	N			F			FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA050901_00	Mermentau River Basin Coastal Bays and Gulf Waters to the State 3 mile limit	E	187.0	F	F	N			F			FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA050901_001	Rutherford Beach - Located within subsegment LA050901_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et. seq. No other assessment is made for this waterbody.	C	1.5	N								PCR	ENTEROCOCCUS	IRC 5	L	NATURAL SOURCES
LA050901_001	Rutherford Beach - Located within subsegment LA050901_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et. seq. No other assessment is made for this waterbody.	C	1.5	N								PCR	ENTEROCOCCUS	IRC 5	L	WATERFOWL
LA060101_00	Spring Creek-From headwaters to Cocodrie Lake (Scenic)	R	36.2	F	F	N		F				FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SILVICULTURE ACTIVITIES
LA060102_00	Cocodrie Lake	L	6,099.0	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA060102_00	Cocodrie Lake	L	6,099.0	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA060102_00	Cocodrie Lake	L	6,099.0	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA060102_00	Cocodrie Lake	L	6,099.0	F	F	N						FWP	NON-NATIVE AQUATIC PLANTS	IRC 4a		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA060102_00	Cocodrie Lake	L	6,099.0	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 4a		NATURAL SOURCES
LA060102_00	Cocodrie Lake	L	6,099.0	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 4a		SOURCE UNKNOWN
LA060201_00	Bayou Cocodrie-From US-167 to Bayou Boeuf-Cocodrie Diversion Canal (Scenic)	R	27.2	F	F	N		N				FWP	DISSOLVED OXYGEN	IRC 4a		SOURCE UNKNOWN
LA060201_00	Bayou Cocodrie-From US-167 to Bayou Boeuf-Cocodrie Diversion Canal (Scenic)	R	27.2	F	F	N		N				ONR	TURBIDITY	IRC 4a		CROP PRODUCTION (IRRIGATED)
LA060201_00	Bayou Cocodrie-From US-167 to Bayou Boeuf-Cocodrie Diversion Canal (Scenic)	R	27.2	F	F	N		N				ONR	TURBIDITY	IRC 4a		CROP PRODUCTION (NON-IRRIGATED)
LA060202_00	Bayou Cocodrie-From Cocodrie Diversion Canal to Bayou Boeuf	R	17.4	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		SOURCE UNKNOWN
LA060202_00	Bayou Cocodrie-From Cocodrie Diversion Canal to Bayou Boeuf	R	17.4	N	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		SOURCE UNKNOWN
LA060202_00	Bayou Cocodrie-From Cocodrie Diversion Canal to Bayou Boeuf	R	17.4	N	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		SOURCE UNKNOWN

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LA060202_00	Bayou Cocodrie-From Cocodrie Diversion Canal to Bayou Boeuf	R	17.4	N	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 4a		AGRICULTURE
LA060202_00	Bayou Cocodrie-From Cocodrie Diversion Canal to Bayou Boeuf	R	17.4	N	F	N						FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA060202_00	Bayou Cocodrie-From Cocodrie Diversion Canal to Bayou Boeuf	R	17.4	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA060203_00	Chicot Lake	L	1,157.2	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA060203_00	Chicot Lake	L	1,157.2	N	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA060203_00	Chicot Lake	L	1,157.2	N	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		SOURCE UNKNOWN
LA060203_00	Chicot Lake	L	1,157.2	N	F	N						FWP	NON-NATIVE AQUATIC PLANTS	IRC 4a		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA060203_00	Chicot Lake	L	1,157.2	N	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		SOURCE UNKNOWN
LA060203_00	Chicot Lake	L	1,157.2	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	NATURAL SOURCES
LA060203_00	Chicot Lake	L	1,157.2	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA060204_00	Bayou Courtableau-From headwaters to West Atchafalaya Borrow Pit Canal	R	21.3	N	F	N						FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA060204_00	Bayou Courtableau-From headwaters to West Atchafalaya Borrow Pit Canal	R	21.3	N	F	N						PCR	FECAL COLIFORM	IRC 4a		LIVESTOCK (GRAZING OR FEEDING OPERATIONS)
LA060204_00	Bayou Courtableau-From headwaters to West Atchafalaya Borrow Pit Canal	R	21.3	N	F	N						PCR	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA060206_00	Indian Creek and Indian Creek Reservoir	L	1,740.8	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	AGRICULTURE
LA060206_00	Indian Creek and Indian Creek Reservoir	L	1,740.8	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA060206_00	Indian Creek and Indian Creek Reservoir	L	1,740.8	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SILVICULTURE ACTIVITIES

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA060207_00	Bayou des Glaises Diversion Channel/West Atchafalaya Borrow Pit Canal-From Bayou des Glaises to Bayou Courtableau	R	37.3	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA060207_00	Bayou des Glaises Diversion Channel/West Atchafalaya Borrow Pit Canal-From Bayou des Glaises to Bayou Courtableau	R	37.3	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA060207_00	Bayou des Glaises Diversion Channel/West Atchafalaya Borrow Pit Canal-From Bayou des Glaises to Bayou Courtableau	R	37.3	N	F	N						FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA060207_00	Bayou des Glaises Diversion Channel/West Atchafalaya Borrow Pit Canal-From Bayou des Glaises to Bayou Courtableau	R	37.3	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA060207_00	Bayou des Glaises Diversion Channel/West Atchafalaya Borrow Pit Canal-From Bayou des Glaises to Bayou Courtableau	R	37.3	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA060208_00	Bayou Boeuf-From headwaters to Bayou Courtableau	R	109.1	N	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 4a		AGRICULTURE
LA060208_00	Bayou Boeuf-From headwaters to Bayou Courtableau	R	109.1	N	F	N						FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA060208_00	Bayou Boeuf-From headwaters to Bayou Courtableau	R	109.1	N	F	N						PCR	FECAL COLIFORM	IRC 4a		LIVESTOCK (GRAZING OR FEEDING OPERATIONS)
LA060208_00	Bayou Boeuf-From headwaters to Bayou Courtableau	R	109.1	N	F	N						PCR	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA060209_00	Irish Ditch and Big Bayou-From unnamed ditch to Irish Ditch No. 1 to Big Bayou to Irish Ditch No. 2 to Bayou Rapides	R	10.0		F	N						FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA060209_00	Irish Ditch and Big Bayou-From unnamed ditch to Irish Ditch No. 1 to Big Bayou to Irish Ditch No. 2 to Bayou Rapides	R	10.0		F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	AGRICULTURE
LA060209_00	Irish Ditch and Big Bayou-From unnamed ditch to Irish Ditch No. 1 to Big Bayou to Irish Ditch No. 2 to Bayou Rapides	R	10.0		F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	RURAL (RESIDENTIAL AREAS)
LA060210_00	Bayou Carron	R	19.0	N	N	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES

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LA060210_00	Bayou Carron	R	19.0	N	N	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		AGRICULTURE
LA060210_00	Bayou Carron	R	19.0	N	N	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		NATURAL SOURCES
LA060210_00	Bayou Carron	R	19.0	N	N	N						FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA060210_00	Bayou Carron	R	19.0	N	N	N						PCR	FECAL COLIFORM	IRC 5	L	LIVESTOCK (GRAZING OR FEEDING OPERATIONS)
LA060210_00	Bayou Carron	R	19.0	N	N	N						PCR	FECAL COLIFORM	IRC 5	L	MUNICIPAL POINT SOURCE DISCHARGES
LA060210_00	Bayou Carron	R	19.0	N	N	N						SCR	FECAL COLIFORM	IRC 5	L	LIVESTOCK (GRAZING OR FEEDING OPERATIONS)
LA060210_00	Bayou Carron	R	19.0	N	N	N						SCR	FECAL COLIFORM	IRC 5	L	MUNICIPAL POINT SOURCE DISCHARGES
LA060211_00	West Atchafalaya Borrow Pit Canal-From Bayou Courtableau to Henderson; includes Bayou Portage	R	43.5	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		SOURCE UNKNOWN
LA060211_00	West Atchafalaya Borrow Pit Canal-From Bayou Courtableau to Henderson; includes Bayou Portage	R	43.5	N	F	N						FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA060211_00	West Atchafalaya Borrow Pit Canal-From Bayou Courtableau to Henderson; includes Bayou Portage	R	43.5	N	F	N						FWP	TURBIDITY	IRC 4a		NATURAL SOURCES
LA060211_00	West Atchafalaya Borrow Pit Canal-From Bayou Courtableau to Henderson; includes Bayou Portage	R	43.5	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	MUNICIPAL POINT SOURCE DISCHARGES
LA060211_00	West Atchafalaya Borrow Pit Canal-From Bayou Courtableau to Henderson; includes Bayou Portage	R	43.5	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA060212_00	Chatlin Lake Canal and Bayou DuLac-From Alexandria to Bayou des Glaises Diversion Canal; includes a portion of Bayou des Glaises	R	51.3	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		DISCHARGES FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)
LA060212_00	Chatlin Lake Canal and Bayou DuLac-From Alexandria to Bayou des Glaises Diversion Canal; includes a portion of Bayou des Glaises	R	51.3	F	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		DISCHARGES FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)
LA060212_00	Chatlin Lake Canal and Bayou DuLac-From Alexandria to Bayou des Glaises Diversion Canal; includes a portion of Bayou des Glaises	R	51.3	F	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		DISCHARGES FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)
LA060212_00	Chatlin Lake Canal and Bayou DuLac-From Alexandria to Bayou des Glaises Diversion Canal; includes a portion of Bayou des Glaises	R	51.3	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	AGRICULTURE
LA060212_00	Chatlin Lake Canal and Bayou DuLac-From Alexandria to Bayou des Glaises Diversion Canal; includes a portion of Bayou des Glaises	R	51.3	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	RURAL (RESIDENTIAL AREAS)

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LA060212_00	Chatlin Lake Canal and Bayou DuLac-From Alexandria to Bayou des Glaises Diversion Canal; includes a portion of Bayou des Glaises	R	51.3	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA060212_00	Chatlin Lake Canal and Bayou DuLac-From Alexandria to Bayou des Glaises Diversion Canal; includes a portion of Bayou des Glaises	R	51.3	F	F	N						FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA060212_00	Chatlin Lake Canal and Bayou DuLac-From Alexandria to Bayou des Glaises Diversion Canal; includes a portion of Bayou des Glaises	R	51.3	F	F	N						FWP	TURBIDITY	IRC 4a		SOURCE UNKNOWN
LA060301_00	Bayou Teche-From headwaters at Bayou Courtableau to Keystone Locks and Dam	R	52.6	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		SOURCE UNKNOWN
LA060301_00	Bayou Teche-From headwaters at Bayou Courtableau to Keystone Locks and Dam	R	52.6	N	F	N						PCR	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA060301_00	Bayou Teche-From headwaters at Bayou Courtableau to Keystone Locks and Dam	R	52.6	N	F	N						PCR	FECAL COLIFORM	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA060401_00	Bayou Teche-From Keystone Locks and Dam to Charenton Canal	R	39.1	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		AGRICULTURE
LA060401_00	Bayou Teche-From Keystone Locks and Dam to Charenton Canal	R	39.1	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA060401_00	Bayou Teche-From Keystone Locks and Dam to Charenton Canal	R	39.1	N	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		AGRICULTURE
LA060401_00	Bayou Teche-From Keystone Locks and Dam to Charenton Canal	R	39.1	N	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA060401_00	Bayou Teche-From Keystone Locks and Dam to Charenton Canal	R	39.1	N	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		AGRICULTURE
LA060401_00	Bayou Teche-From Keystone Locks and Dam to Charenton Canal	R	39.1	N	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA060401_00	Bayou Teche-From Keystone Locks and Dam to Charenton Canal	R	39.1	N	F	N						PCR	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA060401_00	Bayou Teche-From Keystone Locks and Dam to Charenton Canal	R	39.1	N	F	N						PCR	FECAL COLIFORM	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA060501_00	Bayou Teche-From Charenton Canal to Wax Lake Outlet	R	22.6	N	F	N	F					FWP	DISSOLVED OXYGEN	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES

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LA060501_00	Bayou Teche-From Charenton Canal to Wax Lake Outlet	R	22.6	N	F	N	F					FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA060501_00	Bayou Teche-From Charenton Canal to Wax Lake Outlet	R	22.6	N	F	N	F					FWP	DISSOLVED OXYGEN	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA060501_00	Bayou Teche-From Charenton Canal to Wax Lake Outlet	R	22.6	N	F	N	F					PCR	FECAL COLIFORM	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA060501_00	Bayou Teche-From Charenton Canal to Wax Lake Outlet	R	22.6	N	F	N	F					PCR	FECAL COLIFORM	IRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA060601_00	Charenton Canal-From Charenton Floodgate to ICWW; includes Bayou Teche from Charenton to Baldwin	R	11.8	N	F	N	F					FWP	DISSOLVED OXYGEN	IRC 4a		SOURCE UNKNOWN
LA060601_00	Charenton Canal-From Charenton Floodgate to ICWW; includes Bayou Teche from Charenton to Baldwin	R	11.8	N	F	N	F					FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		SOURCE UNKNOWN
LA060601_00	Charenton Canal-From Charenton Floodgate to ICWW; includes Bayou Teche from Charenton to Baldwin	R	11.8	N	F	N	F					FWP	PHOSPHORUS, TOTAL	IRC 4a		SOURCE UNKNOWN
LA060601_00	Charenton Canal-From Charenton Floodgate to ICWW; includes Bayou Teche from Charenton to Baldwin	R	11.8	N	F	N	F					FWP	TURBIDITY	IRC 4a		SOURCE UNKNOWN
LA060601_00	Charenton Canal-From Charenton Floodgate to ICWW; includes Bayou Teche from Charenton to Baldwin	R	11.8	N	F	N	F					PCR	FECAL COLIFORM	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA060601_00	Charenton Canal-From Charenton Floodgate to ICWW; includes Bayou Teche from Charenton to Baldwin	R	11.8	N	F	N	F					PCR	FECAL COLIFORM	IRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA060701_00	Tete Bayou	R	10.3	N	N	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA060701_00	Tete Bayou	R	10.3	N	N	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	AGRICULTURE
LA060701_00	Tete Bayou	R	10.3	N	N	N						FWP	TURBIDITY	IRC 4a		SOURCE UNKNOWN

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LA060701_00	Tete Bayou	R	10.3	N	N	N						PCR	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA060701_00	Tete Bayou	R	10.3	N	N	N						SCR	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA060702_00	Lake Fausse Point and Dauterive Lake	L	16,495.0	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA060702_00	Lake Fausse Point and Dauterive Lake	L	16,495.0	F	F	N						FWP	TURBIDITY	IRC 4a		SOURCE UNKNOWN
LA060703_00	Bayou du Portage	R	5.7	N	N	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA060703_00	Bayou du Portage	R	5.7	N	N	N						FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA060703_00	Bayou du Portage	R	5.7	N	N	N						PCR	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA060703_00	Bayou du Portage	R	5.7	N	N	N						PCR	FECAL COLIFORM	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA060703_00	Bayou du Portage	R	5.7	N	N	N						SCR	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA060703_00	Bayou du Portage	R	5.7	N	N	N						SCR	FECAL COLIFORM	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA060801_00	Vermilion River-From headwaters to LA-3073 bridge	R	27.0	N	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		AGRICULTURE
LA060801_00	Vermilion River-From headwaters to LA-3073 bridge	R	27.0	N	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA060801_00	Vermilion River-From headwaters to LA-3073 bridge	R	27.0	N	F	N				F		FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		SOURCE UNKNOWN
LA060801_00	Vermilion River-From headwaters to LA-3073 bridge	R	27.0	N	F	N				F		PCR	FECAL COLIFORM	IRC 4a		AGRICULTURE

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LA060801_00	Vermilion River-From headwaters to LA-3073 bridge	R	27.0	N	F	N				F		PCR	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA060801_00	Vermilion River-From headwaters to LA-3073 bridge	R	27.0	N	F	N				F		PCR	FECAL COLIFORM	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA060801_001	Cote Gelee Wetland-Forested wetland located in Lafayette Parish, 2 miles east of Broussard, 2 miles northeast of US-90, and west of Bayou Tortue	W	238.0		X	F										
LA060802_00	Vermilion River-From LA-3073 bridge to ICWW	R	38.8	N	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		AGRICULTURE
LA060802_00	Vermilion River-From LA-3073 bridge to ICWW	R	38.8	N	F	N				F		FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA060802_00	Vermilion River-From LA-3073 bridge to ICWW	R	38.8	N	F	N				F		PCR	FECAL COLIFORM	IRC 4a		AGRICULTURE
LA060802_00	Vermilion River-From LA-3073 bridge to ICWW	R	38.8	N	F	N				F		PCR	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA060802_00	Vermilion River-From LA-3073 bridge to ICWW	R	38.8	N	F	N				F		PCR	FECAL COLIFORM	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA060802_001	Seventh Ward Canal - Located within subsegment 060802. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	1.6			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA060802_001	Seventh Ward Canal - Located within subsegment 060802. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	1.6			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA060803_00	Vermilion River Cutoff-From ICWW to Vermilion Bay (Estuarine)	R	3.2	F	F	N						FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA060804_00	Intracoastal Waterway-From Vermilion Lock to 1/2 mile west of Gum Island Canal (Estuarine)	R	6.1	F	F	N						FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA060805_00	Breaux Bridge Swamp-Forested wetland in St. Martin Parish, 1/2 mile southwest of Breaux Bridge, southeast of LA-94, west of Bayou Teche, east of Vermilion River, and north of Evangeline and Ruth Canals; also called Cypriere Perdue Swamp	W	2,560.0		X	F										

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LA060806_00	Cypress Island Coulee Wetland-Forested wetland located in St. Martin Parish, 2 miles west of St. Martinville, 1/2 mile north of LA-96, west of Bayou Teche, and east of Vermilion River	W	627.0		X	F										
LA060901_00	Bayou Petite Anse-From headwaters to Bayou Carlin (Estuarine)	R	11.7	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		AGRICULTURE
LA060901_00	Bayou Petite Anse-From headwaters to Bayou Carlin (Estuarine)	R	11.7	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA060901_00	Bayou Petite Anse-From headwaters to Bayou Carlin (Estuarine)	R	11.7	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA060901_00	Bayou Petite Anse-From headwaters to Bayou Carlin (Estuarine)	R	11.7	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA060901_00	Bayou Petite Anse-From headwaters to Bayou Carlin (Estuarine)	R	11.7	N	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		AGRICULTURE
LA060901_00	Bayou Petite Anse-From headwaters to Bayou Carlin (Estuarine)	R	11.7	N	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA060901_00	Bayou Petite Anse-From headwaters to Bayou Carlin (Estuarine)	R	11.7	N	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		NATURAL SOURCES
LA060901_00	Bayou Petite Anse-From headwaters to Bayou Carlin (Estuarine)	R	11.7	N	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA060901_00	Bayou Petite Anse-From headwaters to Bayou Carlin (Estuarine)	R	11.7	N	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		AGRICULTURE
LA060901_00	Bayou Petite Anse-From headwaters to Bayou Carlin (Estuarine)	R	11.7	N	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA060901_00	Bayou Petite Anse-From headwaters to Bayou Carlin (Estuarine)	R	11.7	N	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		NATURAL SOURCES
LA060901_00	Bayou Petite Anse-From headwaters to Bayou Carlin (Estuarine)	R	11.7	N	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA060901_00	Bayou Petite Anse-From headwaters to Bayou Carlin (Estuarine)	R	11.7	N	F	N						FWP	TURBIDITY	IRC 4a		AGRICULTURE

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LA060901_00	Bayou Petite Anse-From headwaters to Bayou Carlin (Estuarine)	R	11.7	N	F	N						PCR	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA060902_00	Bayou Carlin-From Lake Peigneur to Bayou Petite Anse; also called Delcambre Canal (Estuarine)	R	3.7	N	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA060902_00	Bayou Carlin-From Lake Peigneur to Bayou Petite Anse; also called Delcambre Canal (Estuarine)	R	3.7	N	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	SEAFOOD PROCESSING OPERATIONS
LA060902_00	Bayou Carlin-From Lake Peigneur to Bayou Petite Anse; also called Delcambre Canal (Estuarine)	R	3.7	N	F	N						FWP	TURBIDITY	IRC 4a		CHANGES IN TIDAL CIRCULATION/FLUSHING
LA060902_00	Bayou Carlin-From Lake Peigneur to Bayou Petite Anse; also called Delcambre Canal (Estuarine)	R	3.7	N	F	N						FWP	TURBIDITY	IRC 4a		SEAFOOD PROCESSING OPERATIONS
LA060902_00	Bayou Carlin-From Lake Peigneur to Bayou Petite Anse; also called Delcambre Canal (Estuarine)	R	3.7	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA060903_00	Bayou Tigre-From headwaters to Bayou Petite Anse (Estuarine)	R	7.0	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA060903_00	Bayou Tigre-From headwaters to Bayou Petite Anse (Estuarine)	R	7.0	N	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA060903_00	Bayou Tigre-From headwaters to Bayou Petite Anse (Estuarine)	R	7.0	N	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA060903_00	Bayou Tigre-From headwaters to Bayou Petite Anse (Estuarine)	R	7.0	N	F	N						FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA060903_00	Bayou Tigre-From headwaters to Bayou Petite Anse (Estuarine)	R	7.0	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA060904_00	New Iberia Southern Drainage Canal-From headwaters to ICWW (Estuarine)	R	7.7	N	F						F	PCR	ENTEROCOCCUS	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA060906_00	Intracoastal Waterway-From New Iberia Southern Drainage Canal to Bayou Sale (Estuarine)	R	27.8	N	F	N						FWP	TURBIDITY	IRC 4a		AGRICULTURE

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LA060906_00	Intracoastal Waterway-From New Iberia Southern Drainage Canal to Bayou Sale (Estuarine)	R	27.8	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA060906_00	Intracoastal Waterway-From New Iberia Southern Drainage Canal to Bayou Sale (Estuarine)	R	27.8	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA060907_00	Franklin Canal	R	4.7	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA060907_00	Franklin Canal	R	4.7	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA060907_00	Franklin Canal	R	4.7	N	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA060907_00	Franklin Canal	R	4.7	N	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		NATURAL SOURCES
LA060907_00	Franklin Canal	R	4.7	N	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA060907_00	Franklin Canal	R	4.7	N	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		NATURAL SOURCES
LA060907_00	Franklin Canal	R	4.7	N	F	N						FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA060907_00	Franklin Canal	R	4.7	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	MUNICIPAL POINT SOURCE DISCHARGES
LA060907_00	Franklin Canal	R	4.7	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA060908_00	Spanish Lake	L	1,216.5	F	F	N						FWP	PH, HIGH	IRC 5	L	NATURAL SOURCES
LA060908_00	Spanish Lake	L	1,216.5	F	F	N						FWP	TURBIDITY	IRC 5	L	SEDIMENT RESUSPENSION (CLEAN SEDIMENT)
LA060909_00	Lake Peigneur	L	1,158.9	N	F	N						FWP	TURBIDITY	IRC 4a		SOURCE UNKNOWN
LA060909_00	Lake Peigneur	L	1,158.9	N	F	N						PCR	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA060910_00	Boston Canal; includes associated canals (Estuarine)	R	12.4	F	F	N						FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA060911_00	Dugas Canal-By Tiger Lagoon Oil and Gas Field (Estuarine)	R	4.0	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES

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LA060911_00	Dugas Canal-By Tiger Lagoon Oil and Gas Field (Estuarine)	R	4.0	F	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		NATURAL SOURCES
LA060911_00	Dugas Canal-By Tiger Lagoon Oil and Gas Field (Estuarine)	R	4.0	F	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		NATURAL SOURCES
LA061001_00	West Cote Blanche Bay	E	133.5	F	F	F			F							
LA061002_00	East Cote Blanche Bay	E	92.9	F	F	F			N			OYS	FECAL COLIFORM	IRC 5	M	NATURAL SOURCES
LA061002_00	East Cote Blanche Bay	E	92.9	F	F	F			N			OYS	FECAL COLIFORM	IRC 5	M	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA061101_00	Bayou Petite Anse-From Bayou Carlin at its confluence with Bayou Tigre to ICWW (Estuarine)	R	2.7	N	N	N						FWP	DISSOLVED OXYGEN	IRC 5	L	NATURAL SOURCES
LA061101_00	Bayou Petite Anse-From Bayou Carlin at its confluence with Bayou Tigre to ICWW (Estuarine)	R	2.7	N	N	N						FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA061101_00	Bayou Petite Anse-From Bayou Carlin at its confluence with Bayou Tigre to ICWW (Estuarine)	R	2.7	N	N	N						PCR	ENTEROCOCCUS	IRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA061101_00	Bayou Petite Anse-From Bayou Carlin at its confluence with Bayou Tigre to ICWW (Estuarine)	R	2.7	N	N	N						SCR	FECAL COLIFORM	IRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA061102_00	Intracoastal Waterway-From 1/2 mile west of Gum Island Canal to New Iberia Southern Drainage Canal (Estuarine)	R	15.0	F	F	N						FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA061103_00	Freshwater Bayou Canal-From 1/2 mile below ICWW to control structure (Estuarine)	R	18.6	N	F	N						FWP	TURBIDITY	IRC 4a		SOURCE UNKNOWN
LA061103_00	Freshwater Bayou Canal-From 1/2 mile below ICWW to control structure (Estuarine)	R	18.6	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	MARINA/BOATING SANITARY ON-VESSEL DISCHARGES
LA061103_00	Freshwater Bayou Canal-From 1/2 mile below ICWW to control structure (Estuarine)	R	18.6	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA061104_00	Vermilion Bay	E	216.5	F	F	F			N			OYS	FECAL COLIFORM	IRC 5	M	SOURCE UNKNOWN
LA061104_001	Cypremort Point Beach - Located within subsegment LA061104_00. This unit is added for swimming advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this bayou.	C	0.5	N								PCR	ENTEROCOCCUS	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA061104_001	Cypremort Point Beach - Located within subsegment LA061104_00. This unit is added for swimming advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this bayou.	C	0.5	N								PCR	ENTEROCOCCUS	IRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA061105_00	Marsh Island (Estuarine)	W	72,320.0	F	F	F			N			OYS	FECAL COLIFORM	IRC 5	M	WATERFOWL

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LA061105_00	Marsh Island (Estuarine)	W	72,320.0	F	F	F			N			OYS	FECAL COLIFORM	IRC 5	M	WILDLIFE OTHER THAN WATERFOWL
LA061201_00	Vermilion-Teche River Basin Coastal Bays and Gulf Waters to the State 3 mile limit	E	190.9	F	F	N			N			FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA061201_00	Vermilion-Teche River Basin Coastal Bays and Gulf Waters to the State 3 mile limit	E	190.9	F	F	N			N			FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA061201_00	Vermilion-Teche River Basin Coastal Bays and Gulf Waters to the State 3 mile limit	E	190.9	F	F	N			N			OYS	FECAL COLIFORM	IRC 5	M	MARINA/BOATING PUMPOUT RELEASES
LA061201_00	Vermilion-Teche River Basin Coastal Bays and Gulf Waters to the State 3 mile limit	E	190.9	F	F	N			N			OYS	FECAL COLIFORM	IRC 5	M	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA070101_00	Mississippi River-From Arkansas state line to Old River Control Structure	R	190.5	F	F	F										
LA070102_00	Gassoway Lake	L	800.0	X	X	X										
LA070103_00	Marengo Bend- Portion within the Louisiana state line	L	1,158.0	F	F	N	F					FWP	TURBIDITY	IRC 5	L	NATURAL SOURCES
LA070201_00	Mississippi River-From Old River Control Structure to Monte Sano Bayou	R	84.4	F	F	F	F									
LA070202_00	Raccourci Old River	L	4,160.0	F	F	N						FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA070203_00	Devil's Swamp Lake and Bayou Baton Rouge	L	24.0	N	N	N						FWP	DISSOLVED OXYGEN	IRC 3	L	NATURAL SOURCES
LA070203_00	Devil's Swamp Lake and Bayou Baton Rouge	L	24.0	N	N	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4b		CONTAMINATED SEDIMENTS
LA070203_00	Devil's Swamp Lake and Bayou Baton Rouge	L	24.0	N	N	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4b		INDUSTRIAL POINT SOURCE DISCHARGE
LA070203_00	Devil's Swamp Lake and Bayou Baton Rouge	L	24.0	N	N	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 3	L	INDUSTRIAL POINT SOURCE DISCHARGE
LA070203_00	Devil's Swamp Lake and Bayou Baton Rouge	L	24.0	N	N	N						FWP	OIL AND GREASE	IRC 4b		CONTAMINATED SEDIMENTS
LA070203_00	Devil's Swamp Lake and Bayou Baton Rouge	L	24.0	N	N	N						FWP	OIL AND GREASE	IRC 4b		INDUSTRIAL POINT SOURCE DISCHARGE
LA070203_00	Devil's Swamp Lake and Bayou Baton Rouge	L	24.0	N	N	N						FWP	OIL AND GREASE	IRC 4b		INDUSTRIAL/COMMERCIAL SITE STORMWATER DISCHARGE (PERMITTED)
LA070203_00	Devil's Swamp Lake and Bayou Baton Rouge	L	24.0	N	N	N						FWP	PCBS - FISH CONSUMPTION ADVISORY	IRC 4b		CONTAMINATED SEDIMENTS

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LA070203_00	Devil's Swamp Lake and Bayou Baton Rouge	L	24.0	N	N	N						FWP	PCBS - FISH CONSUMPTION ADVISORY	IRC 4b		INDUSTRIAL POINT SOURCE DISCHARGE
LA070203_00	Devil's Swamp Lake and Bayou Baton Rouge	L	24.0	N	N	N						FWP	PCBS - FISH CONSUMPTION ADVISORY	IRC 4b		INDUSTRIAL/COMMERCIAL SITE STORMWATER DISCHARGE (PERMITTED)
LA070203_00	Devil's Swamp Lake and Bayou Baton Rouge	L	24.0	N	N	N						FWP	PHOSPHORUS, TOTAL	IRC 3	L	INDUSTRIAL POINT SOURCE DISCHARGE
LA070203_00	Devil's Swamp Lake and Bayou Baton Rouge	L	24.0	N	N	N						FWP	TURBIDITY	IRC 3	L	UPSTREAM SOURCE
LA070203_00	Devil's Swamp Lake and Bayou Baton Rouge	L	24.0	N	N	N						PCR	ARSENIC	IRC 4b		CONTAMINATED SEDIMENTS
LA070203_00	Devil's Swamp Lake and Bayou Baton Rouge	L	24.0	N	N	N						PCR	ARSENIC	IRC 4b		INDUSTRIAL POINT SOURCE DISCHARGE
LA070203_00	Devil's Swamp Lake and Bayou Baton Rouge	L	24.0	N	N	N						PCR	ARSENIC	IRC 4b		INDUSTRIAL/COMMERCIAL SITE STORMWATER DISCHARGE (PERMITTED)
LA070203_00	Devil's Swamp Lake and Bayou Baton Rouge	L	24.0	N	N	N						PCR	HEXACHLOROBENZENE	IRC 4b		CONTAMINATED SEDIMENTS
LA070203_00	Devil's Swamp Lake and Bayou Baton Rouge	L	24.0	N	N	N						PCR	HEXACHLOROBENZENE	IRC 4b		INDUSTRIAL POINT SOURCE DISCHARGE
LA070203_00	Devil's Swamp Lake and Bayou Baton Rouge	L	24.0	N	N	N						PCR	HEXACHLOROBENZENE	IRC 4b		INDUSTRIAL/COMMERCIAL SITE STORMWATER DISCHARGE (PERMITTED)
LA070203_00	Devil's Swamp Lake and Bayou Baton Rouge	L	24.0	N	N	N						PCR	HEXACHLOROBUTADIENE	IRC 4b		CONTAMINATED SEDIMENTS
LA070203_00	Devil's Swamp Lake and Bayou Baton Rouge	L	24.0	N	N	N						PCR	HEXACHLOROBUTADIENE	IRC 4b		INDUSTRIAL POINT SOURCE DISCHARGE
LA070203_00	Devil's Swamp Lake and Bayou Baton Rouge	L	24.0	N	N	N						PCR	HEXACHLOROBUTADIENE	IRC 4b		INDUSTRIAL/COMMERCIAL SITE STORMWATER DISCHARGE (PERMITTED)
LA070203_00	Devil's Swamp Lake and Bayou Baton Rouge	L	24.0	N	N	N						PCR	LEAD	IRC 4b		INDUSTRIAL/COMMERCIAL SITE STORMWATER DISCHARGE (PERMITTED)
LA070203_00	Devil's Swamp Lake and Bayou Baton Rouge	L	24.0	N	N	N						PCR	MERCURY	IRC 4b		CONTAMINATED SEDIMENTS
LA070203_00	Devil's Swamp Lake and Bayou Baton Rouge	L	24.0	N	N	N						PCR	MERCURY	IRC 4b		INDUSTRIAL POINT SOURCE DISCHARGE

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LA070203_00	Devil's Swamp Lake and Bayou Baton Rouge	L	24.0	N	N	N						PCR	MERCURY	IRC 4b		INDUSTRIAL/COMMERCIAL SITE STORMWATER DISCHARGE (PERMITTED)
LA070203_00	Devil's Swamp Lake and Bayou Baton Rouge	L	24.0	N	N	N						SCR	FECAL COLIFORM	IRC 3	L	NATURAL SOURCES
LA070301_00	Mississippi River-From Monte Sano Bayou to Head of Passes	R	236.0	F	F	F	F									
LA070401_00	Mississippi River Passes-Head of Passes to Mouth of Passes; includes all passes in the birdfoot delta (Estuarine)	R	191.4	F	F	F			N			OYS	FECAL COLIFORM	IRC 4a		MARINA/BOATING SANITARY ON-VESSEL DISCHARGES
LA070501_00	Bayou Sara-From Mississippi state line to Mississippi River	R	22.7	F	F	F										
LA070502_00	Thompson Creek-From Mississippi state line to Mississippi River	R	33.7	N	F	F						PCR	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA070503_00	Capitol Lake	L	55.4	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	DISCHARGES FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)
LA070503_00	Capitol Lake	L	55.4	F	F	N						FWP	PCBS - FISH CONSUMPTION ADVISORY	IRC 4b		DISCHARGES FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)
LA070503_00	Capitol Lake	L	55.4	F	F	N						FWP	PCBS - FISH CONSUMPTION ADVISORY	IRC 4b		INDUSTRIAL/COMMERCIAL SITE STORMWATER DISCHARGE (PERMITTED)
LA070504_00	Monte Sano Bayou-From US-61 to Mississippi River	R	6.3		F						F					
LA070505_00	Tunica Bayou-From headwaters to Mississippi River	R	8.9	N	F	F						PCR	FECAL COLIFORM	IRC 5-alt	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA070601_00	Mississippi River Basin Coastal Bays and Gulf Waters to the State 3 mile limit	E	200.0	F	F	N			N			FWP	DISSOLVED OXYGEN	IRC 5RC	L	NATURAL CONDITIONS - WATER QUALITY STANDARDS USE ATTAINABILITY ANALYSES NEEDED
LA070601_00	Mississippi River Basin Coastal Bays and Gulf Waters to the State 3 mile limit	E	200.0	F	F	N			N			FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS

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LA070601_00	Mississippi River Basin Coastal Bays and Gulf Waters to the State 3 mile limit	E	200.0	F	F	N			N			FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA070601_00	Mississippi River Basin Coastal Bays and Gulf Waters to the State 3 mile limit	E	200.0	F	F	N			N			OYS	FECAL COLIFORM	IRC 5	M	SOURCE UNKNOWN
LA080101_00	Ouachita River-From Arkansas state line to Columbia Lock and Dam	R	102.9	N	F	N	N					DWS	COLOR	IRC 5	L	INDUSTRIAL POINT SOURCE DISCHARGE
LA080101_00	Ouachita River-From Arkansas state line to Columbia Lock and Dam	R	102.9	N	F	N	N					DWS	COLOR	IRC 5	L	NATURAL SOURCES
LA080101_00	Ouachita River-From Arkansas state line to Columbia Lock and Dam	R	102.9	N	F	N	N					FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA080101_00	Ouachita River-From Arkansas state line to Columbia Lock and Dam	R	102.9	N	F	N	N					FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA080101_00	Ouachita River-From Arkansas state line to Columbia Lock and Dam	R	102.9	N	F	N	N					PCR	FECAL COLIFORM	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA080102_00	Bayou Chauvin-From headwaters to Ouachita River	R	6.6	N	N	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA080102_00	Bayou Chauvin-From headwaters to Ouachita River	R	6.6	N	N	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		NATURAL SOURCES
LA080102_00	Bayou Chauvin-From headwaters to Ouachita River	R	6.6	N	N	N						FWP	NON-NATIVE AQUATIC PLANTS	IRC 4a		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA080102_00	Bayou Chauvin-From headwaters to Ouachita River	R	6.6	N	N	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		NATURAL SOURCES
LA080102_00	Bayou Chauvin-From headwaters to Ouachita River	R	6.6	N	N	N						FWP	TURBIDITY	IRC 4a		SOURCE UNKNOWN
LA080102_00	Bayou Chauvin-From headwaters to Ouachita River	R	6.6	N	N	N						PCR	FECAL COLIFORM	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA080102_00	Bayou Chauvin-From headwaters to Ouachita River	R	6.6	N	N	N						SCR	FECAL COLIFORM	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA080201_00	Ouachita River-From Columbia Lock and Dam to Jonesville	R	75.8	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA080201_00	Ouachita River-From Columbia Lock and Dam to Jonesville	R	75.8	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA080201_00	Ouachita River-From Columbia Lock and Dam to Jonesville	R	75.8	F	F	N						FWP	TURBIDITY	IRC 5	L	AGRICULTURE
LA080202_00	Bayou Louis-From headwaters to Ouachita River	R	8.7	N	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA080202_00	Bayou Louis-From headwaters to Ouachita River	R	8.7	N	F	N						FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA080202_00	Bayou Louis-From headwaters to Ouachita River	R	8.7	N	F	N						FWP	TURBIDITY	IRC 4a		SOURCE UNKNOWN

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LA080202_00	Bayou Louis-From headwaters to Ouachita River	R	8.7	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA080203_00	Lake Louis	L	756.4	N	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA080203_00	Lake Louis	L	756.4	N	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA080203_00	Lake Louis	L	756.4	N	F	N						FWP	TURBIDITY	IRC 5	L	AGRICULTURE
LA080203_00	Lake Louis	L	756.4	N	F	N						FWP	TURBIDITY	IRC 5	L	SOURCE UNKNOWN
LA080203_00	Lake Louis	L	756.4	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA080301_00	Black River-From Jonesville to Corps of Engineers (USACE) Control Structure at Mile 25	R	16.6	N	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA080301_00	Black River-From Jonesville to Corps of Engineers (USACE) Control Structure at Mile 25	R	16.6	N	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA080301_00	Black River-From Jonesville to Corps of Engineers (USACE) Control Structure at Mile 25	R	16.6	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA080302_00	Black River-From USACE Control Structure to Red River	R	25.0	N	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA080302_00	Black River-From USACE Control Structure to Red River	R	25.0	N	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA080302_00	Black River-From USACE Control Structure to Red River	R	25.0	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	WATERFOWL
LA080302_00	Black River-From USACE Control Structure to Red River	R	25.0	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	WILDLIFE OTHER THAN WATERFOWL
LA080401_00	Bayou Bartholomew-From Arkansas state line to Ouachita River (Scenic to Dead Bayou)	R	72.5	N	F	N		N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA080401_00	Bayou Bartholomew-From Arkansas state line to Ouachita River (Scenic to Dead Bayou)	R	72.5	N	F	N		N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA080401_00	Bayou Bartholomew-From Arkansas state line to Ouachita River (Scenic to Dead Bayou)	R	72.5	N	F	N		N				FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA080401_00	Bayou Bartholomew-From Arkansas state line to Ouachita River (Scenic to Dead Bayou)	R	72.5	N	F	N		N				ONR	TURBIDITY	IRC 4a		AGRICULTURE
LA080401_00	Bayou Bartholomew-From Arkansas state line to Ouachita River (Scenic to Dead Bayou)	R	72.5	N	F	N		N				PCR	FECAL COLIFORM	IRC 5	L	MUNICIPAL POINT SOURCE DISCHARGES
LA080401_00	Bayou Bartholomew-From Arkansas state line to Ouachita River (Scenic to Dead Bayou)	R	72.5	N	F	N		N				PCR	FECAL COLIFORM	IRC 5	L	SANITARY SEWER OVERFLOWS (COLLECTION SYSTEM FAILURES)

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LA080501_00	Bayou de L'Outre-From Arkansas state line to Ouachita River (Scenic)	R	55.9	F	F	N		F				FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA080501_00	Bayou de L'Outre-From Arkansas state line to Ouachita River (Scenic)	R	55.9	F	F	N		F				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA080501_00	Bayou de L'Outre-From Arkansas state line to Ouachita River (Scenic)	R	55.9	F	F	N		F				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA080501_00	Bayou de L'Outre-From Arkansas state line to Ouachita River (Scenic)	R	55.9	F	F	N		F				FWP	PH, LOW	IRC 5	L	NATURAL SOURCES
LA080501_001	Hudson Lake-Located within subsegment LA080501_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	L	13.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA080501_001	Hudson Lake-Located within subsegment LA080501_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	L	13.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA080501_00554678	Hatley Lake-Located within subsegment LA080501_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	L	7.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA080501_00554678	Hatley Lake-Located within subsegment LA080501_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	L	7.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA080501_00555636	Phillips Lake-Located within subsegment LA080501_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	L	29.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA080501_00555636	Phillips Lake-Located within subsegment LA080501_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	L	29.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA080601_00	Bayou D'Arbonne-From headwaters to Lake Claiborne	R	14.6	N	F	N						FWP	DISSOLVED OXYGEN	IRC 5RC	L	AGRICULTURE
LA080601_00	Bayou D'Arbonne-From headwaters to Lake Claiborne	R	14.6	N	F	N						FWP	DISSOLVED OXYGEN	IRC 5RC	L	NATURAL SOURCES
LA080601_00	Bayou D'Arbonne-From headwaters to Lake Claiborne	R	14.6	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	MUNICIPAL POINT SOURCE DISCHARGES
LA080602_00	Lake Claiborne	L	5,769.4	F	F	F	F									
LA080603_00	Bayou D'Arbonne-From Lake Claiborne to Bayou D'Arbonne Lake	R	40.4	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA080603_00	Bayou D'Arbonne-From Lake Claiborne to Bayou D'Arbonne Lake	R	40.4	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	ANIMAL FEEDING OPERATIONS (NPS)
LA080603_00	Bayou D'Arbonne-From Lake Claiborne to Bayou D'Arbonne Lake	R	40.4	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	MUNICIPAL POINT SOURCE DISCHARGES
LA080604_00	Bayou D'Arbonne Lake	L	12,711.0	N	F	N						FWP	DISSOLVED OXYGEN	IRC 5RC	L	NATURAL SOURCES
LA080604_00	Bayou D'Arbonne Lake	L	12,711.0	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	INDUSTRIAL POINT SOURCE DISCHARGE
LA080604_00	Bayou D'Arbonne Lake	L	12,711.0	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	MUNICIPAL POINT SOURCE DISCHARGES
LA080605_00	Bayou D'Arbonne-From Bayou D'Arbonne Lake to Ouachita River (Scenic)	R	27.5	N	F	N		F				FWP	DISSOLVED OXYGEN	IRC 5RC	L	DROUGHT-RELATED IMPACTS
LA080605_00	Bayou D'Arbonne-From Bayou D'Arbonne Lake to Ouachita River (Scenic)	R	27.5	N	F	N		F				PCR	FECAL COLIFORM	IRC 5	L	MARINA/BOATING SANITARY ON-VESSEL DISCHARGES
LA080606_00	Cypress Creek-From headwaters to Bayou D'Arbonne; includes Colvin Creek	R	35.8	N	F	N						FWP	SULFATE	IRC 5RC	L	NATURAL SOURCES
LA080606_00	Cypress Creek-From headwaters to Bayou D'Arbonne; includes Colvin Creek	R	35.8	N	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5RC	L	SITE CLEARANCE (LAND DEVELOPMENT OR REDEVELOPMENT)
LA080606_00	Cypress Creek-From headwaters to Bayou D'Arbonne; includes Colvin Creek	R	35.8	N	F	N						PCR	FECAL COLIFORM	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA080606_00	Cypress Creek-From headwaters to Bayou D'Arbonne; includes Colvin Creek	R	35.8	N	F	N						PCR	FECAL COLIFORM	IRC 4a		SANITARY SEWER OVERFLOWS (COLLECTION SYSTEM FAILURES)
LA080607_00	Corney Bayou-From Arkansas state line to Corney Lake (Scenic)	R	15.4	F	F	N		F				FWP	DISSOLVED OXYGEN	IRC 4a		SOURCE UNKNOWN
LA080607_00	Corney Bayou-From Arkansas state line to Corney Lake (Scenic)	R	15.4	F	F	N		F				FWP	PH, LOW	IRC 5RC	L	NATURALLY OCCURRING ORGANIC ACIDS
LA080608_00	Corney Lake	L	1,384.1	N	F	N						FWP	DISSOLVED OXYGEN	IRC 5RC	L	NATURAL SOURCES
LA080608_00	Corney Lake	L	1,384.1	N	F	N						FWP	DISSOLVED OXYGEN	IRC 5RC	L	SOURCE UNKNOWN
LA080608_00	Corney Lake	L	1,384.1	N	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA080608_00	Corney Lake	L	1,384.1	N	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA080608_00	Corney Lake	L	1,384.1	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	WATERFOWL
LA080608_00	Corney Lake	L	1,384.1	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	WILDLIFE OTHER THAN WATERFOWL
LA080609_00	Corney Bayou-From Corney Lake to Bayou D'Arbonne Lake (Scenic)	R	25.6	N	F	N		F				FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA080609_00	Corney Bayou-From Corney Lake to Bayou D'Arbonne Lake (Scenic)	R	25.6	N	F	N		F				PCR	FECAL COLIFORM	IRC 5	L	MANAGED PASTURE GRAZING

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LA080610_00	Middle Fork Bayou D'Arbonne-From headwaters to Bayou D'Arbonne Lake (Scenic)	R	63.4	F	F	N		N				FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA080610_00	Middle Fork Bayou D'Arbonne-From headwaters to Bayou D'Arbonne Lake (Scenic)	R	63.4	F	F	N		N				ONR	TURBIDITY	IRC 5	L	SOURCE UNKNOWN
LA080701_00	Bayou Desiard and Lake Bartholomew; also called Dead Bayou	L	1,101.0	N	F	N	F					FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA080701_00	Bayou Desiard and Lake Bartholomew; also called Dead Bayou	L	1,101.0	N	F	N	F					FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA080701_00	Bayou Desiard and Lake Bartholomew; also called Dead Bayou	L	1,101.0	N	F	N	F					PCR	FECAL COLIFORM	IRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA080701_00	Bayou Desiard and Lake Bartholomew; also called Dead Bayou	L	1,101.0	N	F	N	F					PCR	FECAL COLIFORM	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA080701_00553675	Black Bayou Lake (Ouachita Parish)-Located within LA080701. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this lake.	L	3,968.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA080701_00553675	Black Bayou Lake (Ouachita Parish)-Located within LA080701. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this lake.	L	3,968.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA080801_00	Cheniery Creek-From headwaters to Cheniere Brake Lake	R	6.0	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5RC	L	NATURAL SOURCES
LA080801_00	Cheniery Creek-From headwaters to Cheniere Brake Lake	R	6.0	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	NATURAL SOURCES
LA080802_00	Cheniery Brake Lake	L	2,681.7	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5RC	L	NATURAL SOURCES
LA080802_00	Cheniery Brake Lake	L	2,681.7	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA080802_00	Cheniery Brake Lake	L	2,681.7	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA080901_00	Boeuf River-From Arkansas state line to Ouachita River	R	184.9	N	N	N						FWP	DISSOLVED OXYGEN	IRC 4a		AGRICULTURE
LA080901_00	Boeuf River-From Arkansas state line to Ouachita River	R	184.9	N	N	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA080901_00	Boeuf River-From Arkansas state line to Ouachita River	R	184.9	N	N	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA080901_00	Boeuf River-From Arkansas state line to Ouachita River	R	184.9	N	N	N						FWP	TURBIDITY	IRC 4a		AGRICULTURE

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LA080901_00	Boeuf River-From Arkansas state line to Ouachita River	R	184.9	N	N	N						PCR	FECAL COLIFORM	IRC 5	L	MUNICIPAL POINT SOURCE DISCHARGES
LA080901_00	Boeuf River-From Arkansas state line to Ouachita River	R	184.9	N	N	N						PCR	FECAL COLIFORM	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA080901_00	Boeuf River-From Arkansas state line to Ouachita River	R	184.9	N	N	N						SCR	FECAL COLIFORM	IRC 5	L	MUNICIPAL POINT SOURCE DISCHARGES
LA080901_00	Boeuf River-From Arkansas state line to Ouachita River	R	184.9	N	N	N						SCR	FECAL COLIFORM	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA080902_00	Bayou Bonne Idee-From headwaters to Boeuf River	R	64.3	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		
LA080902_00	Bayou Bonne Idee-From headwaters to Boeuf River	R	64.3	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA080902_00	Bayou Bonne Idee-From headwaters to Boeuf River	R	64.3	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA080903_00	Big Creek-From headwaters to Boeuf River; includes Big Colewa Bayou	R	43.0	F	F	N						FWP	ATRAZINE	IRC 5	L	AGRICULTURE
LA080903_00	Big Creek-From headwaters to Boeuf River; includes Big Colewa Bayou	R	43.0	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		AGRICULTURE
LA080903_00	Big Creek-From headwaters to Boeuf River; includes Big Colewa Bayou	R	43.0	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA080903_00	Big Creek-From headwaters to Boeuf River; includes Big Colewa Bayou	R	43.0	F	F	N						FWP	METHYL PARATHION	IRC 4a		AGRICULTURE
LA080903_00	Big Creek-From headwaters to Boeuf River; includes Big Colewa Bayou	R	43.0	F	F	N						FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA080904_00	Bayou Lafourche-From near Oakridge to Boeuf River near Columbia	R	57.0	N	F	N						FWP	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	IRC 4a		INDUSTRIAL POINT SOURCE DISCHARGE
LA080904_00	Bayou Lafourche-From near Oakridge to Boeuf River near Columbia	R	57.0	N	F	N						FWP	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	IRC 4a		INDUSTRIAL POINT SOURCE DISCHARGE
LA080904_00	Bayou Lafourche-From near Oakridge to Boeuf River near Columbia	R	57.0	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		AGRICULTURE
LA080904_00	Bayou Lafourche-From near Oakridge to Boeuf River near Columbia	R	57.0	N	F	N						FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA080904_00	Bayou Lafourche-From near Oakridge to Boeuf River near Columbia	R	57.0	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	MUNICIPAL POINT SOURCE DISCHARGES
LA080904_00	Bayou Lafourche-From near Oakridge to Boeuf River near Columbia	R	57.0	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA080904_00559693	Little Bayou Boeuf/Wham Brake-located with LA080904_00 This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	17.0			N						FWP	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	IRC 4a		INDUSTRIAL POINT SOURCE DISCHARGE

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LA080904_00559693	Little Bayou Boeuf/Wham Brake-located with LA080904_00 This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	17.0			N						FWP	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	IRC 4a		INDUSTRIAL POINT SOURCE DISCHARGE
LA080905_00	Turkey Creek-From headwaters to Turkey Creek Cutoff; includes Turkey Creek Cutoff, Big Creek, and Glade Slough	R	34.9		N	N						FWP	DISSOLVED OXYGEN	IRC 5-alt	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA080905_00	Turkey Creek-From headwaters to Turkey Creek Cutoff; includes Turkey Creek Cutoff, Big Creek, and Glade Slough	R	34.9		N	N						SCR	FECAL COLIFORM	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA080905_00	Turkey Creek-From headwaters to Turkey Creek Cutoff; includes Turkey Creek Cutoff, Big Creek, and Glade Slough	R	34.9		N	N						SCR	FECAL COLIFORM	IRC 4a		SEWAGE DISCHARGES IN UNSEWERED AREAS
LA080906_00	Turkey Creek-From Turkey Creek Cutoff to Turkey Creek Lake	R	19.4	N	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	AGRICULTURE
LA080906_00	Turkey Creek-From Turkey Creek Cutoff to Turkey Creek Lake	R	19.4	N	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	NATURAL SOURCES
LA080906_00	Turkey Creek-From Turkey Creek Cutoff to Turkey Creek Lake	R	19.4	N	F	N						PCR	FECAL COLIFORM	IRC 4a		LIVESTOCK (GRAZING OR FEEDING OPERATIONS)
LA080906_00	Turkey Creek-From Turkey Creek Cutoff to Turkey Creek Lake	R	19.4	N	F	N						PCR	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA080907_00	Turkey Creek Lake; includes outfall to Boeuf River	L	4,877.9	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	AGRICULTURE
LA080907_00	Turkey Creek Lake; includes outfall to Boeuf River	L	4,877.9	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	NATURAL SOURCES
LA080907_00	Turkey Creek Lake; includes outfall to Boeuf River	L	4,877.9	F	F	N						FWP	TURBIDITY	IRC 5	L	AGRICULTURE
LA080908_00	Lake LaFourche	L	154.0	F	N	N						FWP	DISSOLVED OXYGEN	IRC 5	L	AGRICULTURE
LA080908_00	Lake LaFourche	L	154.0	F	N	N						FWP	TURBIDITY	IRC 5	L	AGRICULTURE
LA080908_00	Lake LaFourche	L	154.0	F	N	N						SCR	FECAL COLIFORM	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA080909_00	Crew Lake	L	81.3	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		AGRICULTURE
LA080909_00	Crew Lake	L	81.3	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		SEWAGE DISCHARGES IN UNSEWERED AREAS
LA080909_00	Crew Lake	L	81.3	F	F	N						FWP	TURBIDITY	IRC 5	L	AGRICULTURE
LA080910_00	Clear Lake	L	108.1	N	F	F						PCR	FECAL COLIFORM	IRC 4a		SEWAGE DISCHARGES IN UNSEWERED AREAS
LA080910_00	Clear Lake	L	108.1	N	F	F						PCR	FECAL COLIFORM	IRC 4a		SOURCE UNKNOWN
LA080911_00	Woolen Lake	L	274.4	F	F	F										

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LA080912_00	Tisdale Brake and Staulkinghead Creek-From headwaters to Little Bayou Boeuf	R	13.0		F						N	LAL	2,3,7,8-TETRACHLORODIBENZO-FURAN	IRC 4a		INDUSTRIAL POINT SOURCE DISCHARGE
LA080912_00	Tisdale Brake and Staulkinghead Creek-From headwaters to Little Bayou Boeuf	R	13.0		F						N	LAL	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	IRC 4a		INDUSTRIAL POINT SOURCE DISCHARGE
LA081001_00	Bayou Macon-From Arkansas state line to Tensas River	R	124.0	N	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	AGRICULTURE
LA081001_00	Bayou Macon-From Arkansas state line to Tensas River	R	124.0	N	F	N						FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA081001_00	Bayou Macon-From Arkansas state line to Tensas River	R	124.0	N	F	N						PCR	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA081002_00	Joe's Bayou-From headwaters to Bayou Macon	R	72.4	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		AGRICULTURE
LA081002_00	Joe's Bayou-From headwaters to Bayou Macon	R	72.4	N	F	N						FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA081002_00	Joe's Bayou-From headwaters to Bayou Macon	R	72.4	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	MUNICIPAL POINT SOURCE DISCHARGES
LA081003_00	Deer Creek-From headwaters to Boeuf River	R	45.8		F						N	LAL	DISSOLVED OXYGEN	IRC 4a		AGRICULTURE
LA081101_00	Lake Providence	L	1,448.4	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	AGRICULTURE
LA081201_00	Tensas River-From headwaters to Jonesville; includes Tensas Bayou	R	176.7	F	F	N						FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA081202_00	Lake St. Joseph	L	1,336.1	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		AGRICULTURE
LA081202_00	Lake St. Joseph	L	1,336.1	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		SEWAGE DISCHARGES IN UNSEWERED AREAS
LA081202_00	Lake St. Joseph	L	1,336.1	F	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		AGRICULTURE
LA081202_00	Lake St. Joseph	L	1,336.1	F	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		SEWAGE DISCHARGES IN UNSEWERED AREAS
LA081202_00	Lake St. Joseph	L	1,336.1	F	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		AGRICULTURE
LA081202_00	Lake St. Joseph	L	1,336.1	F	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		SOURCE UNKNOWN
LA081202_00	Lake St. Joseph	L	1,336.1	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	AGRICULTURE
LA081202_00	Lake St. Joseph	L	1,336.1	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA081203_00	Lake Bruin	L	2,991.2	F	F	N	F					FWP	PH, HIGH	IRC 5	L	NATURAL SOURCES
LA081203_00	Lake Bruin	L	2,991.2	F	F	N	F					FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	AGRICULTURE

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LA081203_00	Lake Bruin	L	2,991.2	F	F	N	F					FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA081301_00	Little River-From Archie Dam to Ouachita River	R	13.0	N	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA081301_00	Little River-From Archie Dam to Ouachita River	R	13.0	N	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA081301_00	Little River-From Archie Dam to Ouachita River	R	13.0	N	F	N						FWP	PH, HIGH	IRC 5	L	
LA081301_00	Little River-From Archie Dam to Ouachita River	R	13.0	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	MUNICIPAL POINT SOURCE DISCHARGES
LA081301_00556223	Tew Lake-Located within subsegment LA081301_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	L	235.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA081301_00556223	Tew Lake-Located within subsegment LA081301_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	L	235.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA081401_00	Dugdemona River-From headwaters to Big Creek	R	81.4	F	F	F										
LA081402_00	Dugdemona River-From Big Creek to Little River	R	55.4	F	F	F										
LA081501_00	Castor Creek-From headwaters to Little River	R	109.7	N	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 4a		PETROLEUM/NATURAL GAS ACTIVITIES
LA081501_00	Castor Creek-From headwaters to Little River	R	109.7	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	MUNICIPAL POINT SOURCE DISCHARGES
LA081501_00	Castor Creek-From headwaters to Little River	R	109.7	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA081502_00	Chatham Lake	L	173.0	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5RC	L	NATURAL SOURCES
LA081503_00	Beaucoup Creek-From headwaters to Castor Creek	R	24.3	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA081504_00	Flat Creek-From headwaters to Castor Creek	R	49.2	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA081505_00	Caney Lake	L	4,734.1	N	F	F						PCR	FECAL COLIFORM	IRC 5	L	CONFINED ANIMAL FEEDING OPERATIONS (NPS)
LA081505_00	Caney Lake	L	4,734.1	N	F	F						PCR	FECAL COLIFORM	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA081601_00	Little River-From Castor Creek-Dugdemona River confluence to Bear Creek (Scenic)	R	11.0	F	F	N		N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA081601_00	Little River-From Castor Creek-Dugdemona River confluence to Bear Creek (Scenic)	R	11.0	F	F	N		N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA081601_00	Little River-From Castor Creek-Dugdemona River confluence to Bear Creek (Scenic)	R	11.0	F	F	N		N				FWP	TURBIDITY	IRC 4a		INDUSTRIAL POINT SOURCE DISCHARGE
LA081601_00	Little River-From Castor Creek-Dugdemona River confluence to Bear Creek (Scenic)	R	11.0	F	F	N		N				FWP	TURBIDITY	IRC 4a		SILVICULTURE ACTIVITIES
LA081601_00	Little River-From Castor Creek-Dugdemona River confluence to Bear Creek (Scenic)	R	11.0	F	F	N		N				ONR	TURBIDITY	IRC 4a		INDUSTRIAL POINT SOURCE DISCHARGE
LA081601_00	Little River-From Castor Creek-Dugdemona River confluence to Bear Creek (Scenic)	R	11.0	F	F	N		N				ONR	TURBIDITY	IRC 4a		SILVICULTURE ACTIVITIES
LA081601_556716	Georgetown Reservoir	L	28.9	F	F	F	F	N				ONR	TURBIDITY	IRC 5	L	SOURCE UNKNOWN
LA081602_00	Little River-From Bear Creek to Catahoula Lake (Scenic)	R	51.7	F	F	N		N				FWP	DISSOLVED OXYGEN	IRC 5	L	AGRICULTURE
LA081602_00	Little River-From Bear Creek to Catahoula Lake (Scenic)	R	51.7	F	F	N		N				FWP	DISSOLVED OXYGEN	IRC 5	L	IMPACTS FROM HYDROSTRUCTURE FLOW REGULATION/MODIFICATION
LA081602_00	Little River-From Bear Creek to Catahoula Lake (Scenic)	R	51.7	F	F	N		N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA081602_00	Little River-From Bear Creek to Catahoula Lake (Scenic)	R	51.7	F	F	N		N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA081602_00	Little River-From Bear Creek to Catahoula Lake (Scenic)	R	51.7	F	F	N		N				FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA081602_00	Little River-From Bear Creek to Catahoula Lake (Scenic)	R	51.7	F	F	N		N				FWP	TURBIDITY	IRC 4a		SOURCE UNKNOWN
LA081602_00	Little River-From Bear Creek to Catahoula Lake (Scenic)	R	51.7	F	F	N		N				ONR	TURBIDITY	IRC 4a		AGRICULTURE
LA081602_00	Little River-From Bear Creek to Catahoula Lake (Scenic)	R	51.7	F	F	N		N				ONR	TURBIDITY	IRC 4a		SOURCE UNKNOWN
LA081603_00	Catahoula Lake	L	16,509.1	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA081603_00	Catahoula Lake	L	16,509.1	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA081603_00	Catahoula Lake	L	16,509.1	F	F	N						FWP	TURBIDITY	IRC 5	L	AGRICULTURE
LA081604_00	Catahoula Lake Diversion Canal-From Catahoula Lake to Black River	R	16.1	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA081604_00	Catahoula Lake Diversion Canal-From Catahoula Lake to Black River	R	16.1	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA081605_00	Little River-From Catahoula Lake to Dam at Archie	R	11.2	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA081605_00	Little River-From Catahoula Lake to Dam at Archie	R	11.2	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN

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LA081606_00	Fish Creek-From headwaters to Little River (Scenic)	R	24.2	N	F	N		F				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA081606_00	Fish Creek-From headwaters to Little River (Scenic)	R	24.2	N	F	N		F				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA081606_00	Fish Creek-From headwaters to Little River (Scenic)	R	24.2	N	F	N		F				PCR	FECAL COLIFORM	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA081607_00	Trout Creek-From headwaters to Little River (Scenic)	R	19.6	N	F	N		F				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA081607_00	Trout Creek-From headwaters to Little River (Scenic)	R	19.6	N	F	N		F				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA081607_00	Trout Creek-From headwaters to Little River (Scenic)	R	19.6	N	F	N		F				PCR	FECAL COLIFORM	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA081608_00	Big Creek-From headwaters to Little River (Scenic)	R	28.2	N	F	N	N	N				DWS	COLOR	IRC 5	L	SILVICULTURE ACTIVITIES
LA081608_00	Big Creek-From headwaters to Little River (Scenic)	R	28.2	N	F	N	N	N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA081608_00	Big Creek-From headwaters to Little River (Scenic)	R	28.2	N	F	N	N	N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA081608_00	Big Creek-From headwaters to Little River (Scenic)	R	28.2	N	F	N	N	N				ONR	TURBIDITY	IRC 5	L	SILVICULTURE ACTIVITIES
LA081608_00	Big Creek-From headwaters to Little River (Scenic)	R	28.2	N	F	N	N	N				PCR	FECAL COLIFORM	IRC 4a		LIVESTOCK (GRAZING OR FEEDING OPERATIONS)
LA081608_00	Big Creek-From headwaters to Little River (Scenic)	R	28.2	N	F	N	N	N				PCR	FECAL COLIFORM	IRC 4a		SEWAGE DISCHARGES IN UNSEWERED AREAS
LA081609_00	Hemphill Creek-From headwaters to Catahoula Lake; includes Hair Creek	R	26.8	N	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA081609_00	Hemphill Creek-From headwaters to Catahoula Lake; includes Hair Creek	R	26.8	N	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA081609_00	Hemphill Creek-From headwaters to Catahoula Lake; includes Hair Creek	R	26.8	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	LIVESTOCK (GRAZING OR FEEDING OPERATIONS)
LA081609_00	Hemphill Creek-From headwaters to Catahoula Lake; includes Hair Creek	R	26.8	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA081610_00	Old River-From Catahoula Lake to Little River	R	8.4	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA081610_00	Old River-From Catahoula Lake to Little River	R	8.4	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA081610_001	Big Bushley Creek-Located within subsegment LA081610_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	3.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA081610_001	Big Bushley Creek-Located within subsegment LA081610_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	3.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA081610_002	Bushley Bayou-Located within subsegment LA081610_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	7.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA081610_002	Bushley Bayou-Located within subsegment LA081610_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	7.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA081610_003	Bushley Creek-Located within subsegment LA081610_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	16.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA081610_003	Bushley Creek-Located within subsegment LA081610_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	16.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA081611_00	Bayou Funny Louis-From headwaters to Little River	R	62.5	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	NATURAL SOURCES
LA081611_00	Bayou Funny Louis-From headwaters to Little River	R	62.5	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA081611_00	Bayou Funny Louis-From headwaters to Little River	R	62.5	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA090101_00	Pearl River-From Mississippi state line to Pearl River Navigation Canal	R	40.9	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA090101_00	Pearl River-From Mississippi state line to Pearl River Navigation Canal	R	40.9	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA090101_00	Pearl River-From Mississippi state line to Pearl River Navigation Canal	R	40.9	F	F	N						FWP	SULFATE	IRC 5	L	INDUSTRIAL POINT SOURCE DISCHARGE
LA090101_00	Pearl River-From Mississippi state line to Pearl River Navigation Canal	R	40.9	F	F	N						FWP	SULFATE	IRC 5	L	NATURAL SOURCES
LA090101_00	Pearl River-From Mississippi state line to Pearl River Navigation Canal	R	40.9	F	F	N						FWP	SULFATE	IRC 5	L	SOURCES OUTSIDE STATE JURISDICTION OR BORDERS
LA090102_00	East Pearl River-From Holmes Bayou to I-10	R	23.7	F	F	N						FWP	CHLORIDE	IRC 5	L	NATURAL SOURCES
LA090102_00	East Pearl River-From Holmes Bayou to I-10	R	23.7	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	NATURAL SOURCES
LA090102_00	East Pearl River-From Holmes Bayou to I-10	R	23.7	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	WATERFOWL
LA090102_00	East Pearl River-From Holmes Bayou to I-10	R	23.7	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	WILDLIFE OTHER THAN WATERFOWL
LA090102_00	East Pearl River-From Holmes Bayou to I-10	R	23.7	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA090102_00	East Pearl River-From Holmes Bayou to I-10	R	23.7	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA090102_00	East Pearl River-From Holmes Bayou to I-10	R	23.7	F	F	N						FWP	SULFATE	IRC 5	L	NATURAL SOURCES
LA090103_00	East Pearl River-From I-10 to Lake Borgne (Estuarine)	R	15.4	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	NATURAL SOURCES
LA090103_00	East Pearl River-From I-10 to Lake Borgne (Estuarine)	R	15.4	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA090103_00	East Pearl River-From I-10 to Lake Borgne (Estuarine)	R	15.4	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA090104_00	Peters Creek-From headwaters to Pearl River	R	12.0	F	F	F										
LA090105_00	Pearl River Navigation Canal-From Pools Bluff to Lock No. 3	R	4.8	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA090105_00	Pearl River Navigation Canal-From Pools Bluff to Lock No. 3	R	4.8	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA090105_00	Pearl River Navigation Canal-From Pools Bluff to Lock No. 3	R	4.8	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA090106_00	Holmes Bayou-From Pearl River to West Pearl River (Scenic)	R	4.0	F	F	N		N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA090106_00	Holmes Bayou-From Pearl River to West Pearl River (Scenic)	R	4.0	F	F	N		N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA090106_00	Holmes Bayou-From Pearl River to West Pearl River (Scenic)	R	4.0	F	F	N		N				FWP	SULFATE	IRC 5	L	INDUSTRIAL POINT SOURCE DISCHARGE

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LA090106_00	Holmes Bayou-From Pearl River to West Pearl River (Scenic)	R	4.0	F	F	N		N				FWP	SULFATE	IRC 5	L	NATURAL SOURCES
LA090106_00	Holmes Bayou-From Pearl River to West Pearl River (Scenic)	R	4.0	F	F	N		N				FWP	TURBIDITY	IRC 4a		NATURAL SOURCES
LA090106_00	Holmes Bayou-From Pearl River to West Pearl River (Scenic)	R	4.0	F	F	N		N				FWP	TURBIDITY	IRC 4a		SOURCES OUTSIDE STATE JURISDICTION OR BORDERS
LA090106_00	Holmes Bayou-From Pearl River to West Pearl River (Scenic)	R	4.0	F	F	N		N				ONR	TURBIDITY	IRC 4a		NATURAL SOURCES
LA090106_00	Holmes Bayou-From Pearl River to West Pearl River (Scenic)	R	4.0	F	F	N		N				ONR	TURBIDITY	IRC 4a		SOURCES OUTSIDE STATE JURISDICTION OR BORDERS
LA090107_00	Pearl River-From Pearl River Navigation Canal to Holmes Bayou	R	38.2	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA090107_00	Pearl River-From Pearl River Navigation Canal to Holmes Bayou	R	38.2	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA090107_00	Pearl River-From Pearl River Navigation Canal to Holmes Bayou	R	38.2	F	F	N						FWP	SULFATE	IRC 5	L	INDUSTRIAL POINT SOURCE DISCHARGE
LA090107_00	Pearl River-From Pearl River Navigation Canal to Holmes Bayou	R	38.2	F	F	N						FWP	SULFATE	IRC 5	L	NATURAL SOURCES
LA090201_00	West Pearl River-From headwaters to Holmes Bayou (Scenic)	R	9.2	F	F	N		N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA090201_00	West Pearl River-From headwaters to Holmes Bayou (Scenic)	R	9.2	F	F	N		N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA090201_00	West Pearl River-From headwaters to Holmes Bayou (Scenic)	R	9.2	F	F	N		N				FWP	TURBIDITY	IRC 4a		NATURAL SOURCES
LA090201_00	West Pearl River-From headwaters to Holmes Bayou (Scenic)	R	9.2	F	F	N		N				FWP	TURBIDITY	IRC 4a		SEDIMENT RESUSPENSION (CLEAN SEDIMENT)
LA090201_00	West Pearl River-From headwaters to Holmes Bayou (Scenic)	R	9.2	F	F	N		N				ONR	TURBIDITY	IRC 4a		NATURAL SOURCES
LA090201_00	West Pearl River-From headwaters to Holmes Bayou (Scenic)	R	9.2	F	F	N		N				ONR	TURBIDITY	IRC 4a		SEDIMENT RESUSPENSION (CLEAN SEDIMENT)
LA090202_00	West Pearl River-From Holmes Bayou to The Rigolets; includes east and west mouths (Scenic)	R	31.9	F	F	N		F				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA090202_00	West Pearl River-From Holmes Bayou to The Rigolets; includes east and west mouths (Scenic)	R	31.9	F	F	N		F				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA090202_5126	Morgan River-From Porters River to West Pearl River (Scenic)	R	2.2	F	F	N		N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA090202_5126	Morgan River-From Porters River to West Pearl River (Scenic)	R	2.2	F	F	N		N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN

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LA090202_5126	Morgan River-From Porters River to West Pearl River (Scenic)	R	2.2	F	F	N		N				ONR	TURBIDITY	IRC 5	L	NATURAL SOURCES
LA090203_00	Lower Bogue Chitto-From Pearl River Navigation Canal to Wilsons Slough	R	11.0	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA090203_00	Lower Bogue Chitto-From Pearl River Navigation Canal to Wilsons Slough	R	11.0	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA090204_00	Pearl River Navigation Canal-from below Lock No.3	R	14.6	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA090204_00	Pearl River Navigation Canal-from below Lock No.3	R	14.6	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA090204_00	Pearl River Navigation Canal-from below Lock No.3	R	14.6	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA090205_00	Wilson Slough-From Bogue Chitto to West Pearl River (Scenic)	R	3.0	F	F	N		N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA090205_00	Wilson Slough-From Bogue Chitto to West Pearl River (Scenic)	R	3.0	F	F	N		N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA090205_00	Wilson Slough-From Bogue Chitto to West Pearl River (Scenic)	R	3.0	F	F	N		N				FWP	SULFATE	IRC 5	L	INDUSTRIAL POINT SOURCE DISCHARGE
LA090205_00	Wilson Slough-From Bogue Chitto to West Pearl River (Scenic)	R	3.0	F	F	N		N				FWP	SULFATE	IRC 5	L	NATURAL SOURCES
LA090205_00	Wilson Slough-From Bogue Chitto to West Pearl River (Scenic)	R	3.0	F	F	N		N				FWP	SULFATE	IRC 5	L	SOURCE UNKNOWN
LA090205_00	Wilson Slough-From Bogue Chitto to West Pearl River (Scenic)	R	3.0	F	F	N		N				FWP	TURBIDITY	IRC 5RC	L	NATURAL SOURCES
LA090205_00	Wilson Slough-From Bogue Chitto to West Pearl River (Scenic)	R	3.0	F	F	N		N				FWP	TURBIDITY	IRC 5RC	L	SEDIMENT RESUSPENSION (CLEAN SEDIMENT)
LA090205_00	Wilson Slough-From Bogue Chitto to West Pearl River (Scenic)	R	3.0	F	F	N		N				FWP	TURBIDITY	IRC 5RC	L	SOURCES OUTSIDE STATE JURISDICTION OR BORDERS
LA090205_00	Wilson Slough-From Bogue Chitto to West Pearl River (Scenic)	R	3.0	F	F	N		N				ONR	TURBIDITY	IRC 5RC	L	NATURAL SOURCES
LA090205_00	Wilson Slough-From Bogue Chitto to West Pearl River (Scenic)	R	3.0	F	F	N		N				ONR	TURBIDITY	IRC 5RC	L	SEDIMENT RESUSPENSION (CLEAN SEDIMENT)
LA090205_00	Wilson Slough-From Bogue Chitto to West Pearl River (Scenic)	R	3.0	F	F	N		N				ONR	TURBIDITY	IRC 5RC	L	SOURCES OUTSIDE STATE JURISDICTION OR BORDERS

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA090206_00	Bradley Slough-From Bogue Chitto to West Pearl River (Scenic)	R	4.7	I	I	N		I				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA090206_00	Bradley Slough-From Bogue Chitto to West Pearl River (Scenic)	R	4.7	I	I	N		I				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA090207_00	Middle Pearl River and West Middle Pearl River-From West Pearl River to Little Lake	R	25.0	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA090207_00	Middle Pearl River and West Middle Pearl River-From West Pearl River to Little Lake	R	25.0	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		WILDLIFE OTHER THAN WATERFOWL
LA090207_00	Middle Pearl River and West Middle Pearl River-From West Pearl River to Little Lake	R	25.0	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA090207_00	Middle Pearl River and West Middle Pearl River-From West Pearl River to Little Lake	R	25.0	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA090207_00	Middle Pearl River and West Middle Pearl River-From West Pearl River to Little Lake	R	25.0	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	NATURAL SOURCES
LA090207_5112	Morgan Bayou-From headwaters near I-10 to Middle River	R	4.3	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA090207_5112	Morgan Bayou-From headwaters near I-10 to Middle River	R	4.3	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		WATERFOWL
LA090207_5112	Morgan Bayou-From headwaters near I-10 to Middle River	R	4.3	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		WILDLIFE OTHER THAN WATERFOWL
LA090207_5112	Morgan Bayou-From headwaters near I-10 to Middle River	R	4.3	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA090207_5112	Morgan Bayou-From headwaters near I-10 to Middle River	R	4.3	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA090208_00	Little Lake (Estuarine)	E	3.0	F	F	F										
LA090301_00	Pushapatapa Creek-From headwaters and tributaries at Mississippi state line to Pearl River floodplain (Scenic)	R	27.0	F	F	F		F								
LA090401_00	Bogue Lusa Creek-From headwaters to Pearl River floodplain	R	30.4	F	F	F										
LA090501_00	Bogue Chitto River-From Mississippi state line to Pearl River Navigation Canal (Scenic)	R	59.3	F	F	N		N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA090501_00	Bogue Chitto River-From Mississippi state line to Pearl River Navigation Canal (Scenic)	R	59.3	F	F	N		N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA090501_00	Bogue Chitto River-From Mississippi state line to Pearl River Navigation Canal (Scenic)	R	59.3	F	F	N		N				ONR	TURBIDITY	IRC 4a		NATURAL SOURCES
LA090501_00	Bogue Chitto River-From Mississippi state line to Pearl River Navigation Canal (Scenic)	R	59.3	F	F	N		N				ONR	TURBIDITY	IRC 4a		SILVICULTURE ACTIVITIES
LA090501_00	Bogue Chitto River-From Mississippi state line to Pearl River Navigation Canal (Scenic)	R	59.3	F	F	N		N				ONR	TURBIDITY	IRC 4a		SOURCES OUTSIDE STATE JURISDICTION OR BORDERS

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA090502_00	Big Silver Creek-From headwaters to Bogue Chitto River	R	15.4	F	F	F										
LA090503_00	Little Silver Creek-From headwaters to Bogue Chitto River	R	17.8	F	F	F										
LA090504_00	Lawrence Creek-From headwaters to Bogue Chitto River	R	17.9	F	F	F										
LA090505_00	Bonner Creek-From headwaters to Bogue Chitto River	R	8.4	F	F	F										
LA090506_00	Thigpen Creek-From headwaters to Bogue Chitto River	R	10.8	N	F	N						FWP	LEAD	IRC 5	L	SOURCE UNKNOWN
LA090506_00	Thigpen Creek-From headwaters to Bogue Chitto River	R	10.8	N	F	N						PCR	FECAL COLIFORM	IRC 4a		SOURCE UNKNOWN
LA100101_00	Red River-From Arkansas state line to US-165 in Alexandria	R	196.3	F	F	F	N			F		DWS	COLOR	IRC 5	L	SOURCE UNKNOWN
LA100201_00	Red River-From US-165 to Old River Control Structure Outflow Channel	R	91.7	F	F	F										
LA100202_00	Little River-From headwaters to Old River near Marksville	R	12.4	N	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	AGRICULTURE
LA100202_00	Little River-From headwaters to Old River near Marksville	R	12.4	N	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA100202_00	Little River-From headwaters to Old River near Marksville	R	12.4	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA100203_00	Old River; includes associated water bodies in Spring Bayou WMA; also called LaVielle Riviere	R	51.1	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	DROUGHT-RELATED IMPACTS
LA100203_00	Old River; includes associated water bodies in Spring Bayou WMA; also called LaVielle Riviere	R	51.1	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA100301_00	Black Bayou-From Texas state line to LA-1 at Black Bayou Lake	R	6.7	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 5	L	NATURAL SOURCES
LA100302_00	Black Bayou Lake-From LA-1 to spillway	L	4,382.4	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA100302_00	Black Bayou Lake-From LA-1 to spillway	L	4,382.4	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA100302_00	Black Bayou Lake-From LA-1 to spillway	L	4,382.4	F	F	N						FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA100303_00	Black Bayou-From spillway at Black Bayou Lake to Twelve Mile Bayou	R	17.6	F	F	F										
LA100304_00	Twelve Mile Bayou-From headwaters to Red River	R	22.8	F	F	N	F			F		FWP	DISSOLVED OXYGEN	IRC 5RC	L	NATURAL SOURCES
LA100305_00	Mahlin Bayou and McCain Creek-From headwaters to Twelve Mile Bayou	R	14.3		N						F	SCR	FECAL COLIFORM	IRC 5	L	MUNICIPAL POINT SOURCE DISCHARGES

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LA100305_00	Mahlin Bayou and McCain Creek-From headwaters to Twelve Mile Bayou	R	14.3		N						F	SCR	FECAL COLIFORM	IRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA100306_00	Kelly Bayou-From Arkansas state line to Black Bayou	R	17.0	F	F	F				F						
LA100307_00	Caddo Lake-From Texas state line to spillway; includes James Bayou	L	32,640.0	F	F	N	N			F		DWS	COLOR	IRC 5	L	NATURAL SOURCES
LA100307_00	Caddo Lake-From Texas state line to spillway; includes James Bayou	L	32,640.0	F	F	N	N			F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA100307_00	Caddo Lake-From Texas state line to spillway; includes James Bayou	L	32,640.0	F	F	N	N			F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA100308_00	Paw Paw Bayou-From Texas state line to Cross Lake; includes tributaries	R	5.8	F	F	N	N			F		DWS	COLOR	IRC 5	L	NATURAL SOURCES
LA100308_00	Paw Paw Bayou-From Texas state line to Cross Lake; includes tributaries	R	5.8	F	F	N	N			F		FWP	DISSOLVED OXYGEN	IRC 5RC	L	NATURAL SOURCES
LA100308_00	Paw Paw Bayou-From Texas state line to Cross Lake; includes tributaries	R	5.8	F	F	N	N			F		FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	UPSTREAM SOURCE
LA100309_00	Cross Bayou-From Texas state line to Cross Lake	R	15.0	F	F	N	N			F		DWS	COLOR	IRC 5	L	NATURAL SOURCES
LA100309_00	Cross Bayou-From Texas state line to Cross Lake	R	15.0	F	F	N	N			F		DWS	COLOR	IRC 5	L	SEDIMENT RESUSPENSION (CLEAN SEDIMENT)
LA100309_00	Cross Bayou-From Texas state line to Cross Lake	R	15.0	F	F	N	N			F		FWP	CHLORIDE	IRC 4a		PETROLEUM/NATURAL GAS PRODUCTION ACTIVITIES (PERMITTED)
LA100309_00	Cross Bayou-From Texas state line to Cross Lake	R	15.0	F	F	N	N			F		FWP	DISSOLVED OXYGEN	IRC 5	L	NATURAL SOURCES
LA100309_00	Cross Bayou-From Texas state line to Cross Lake	R	15.0	F	F	N	N			F		FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 5	L	NATURAL SOURCES
LA100309_00	Cross Bayou-From Texas state line to Cross Lake	R	15.0	F	F	N	N			F		FWP	PHOSPHORUS, TOTAL	IRC 5	L	NATURAL SOURCES
LA100309_00	Cross Bayou-From Texas state line to Cross Lake	R	15.0	F	F	N	N			F		FWP	SULFATE	IRC 4a		NATURAL SOURCES
LA100309_00	Cross Bayou-From Texas state line to Cross Lake	R	15.0	F	F	N	N			F		FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 4a		NATURAL SOURCES
LA100309_00	Cross Bayou-From Texas state line to Cross Lake	R	15.0	F	F	N	N			F		FWP	TURBIDITY	IRC 4a		NATURAL SOURCES
LA100310_00	Cross Lake	L	8,838.0	F	F	F	F			F						
LA100401_00	Bayou Bodcau-From Arkansas state line to Red Chute Bayou at Cypress Bayou confluence	R	58.0	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 5RC	L	NATURAL SOURCES
LA100401_0556575	Ivan Lake-Located within subsegment LA100401_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this lake.	L	520.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS

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LA100401_0556575	Ivan Lake-Located within subsegment LA100401_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this lake.	L	520.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA100402_00	Red Chute Bayou-From Cypress Bayou to Flat River	R	35.8	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	SOURCE UNKNOWN
LA100403_00	Cypress Bayou-From headwaters to Cypress Bayou Reservoir	R	33.1	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 5RC	L	NATURAL SOURCES
LA100404_00	Cypress Bayou Reservoir	L	2,840.6	F	F	N	N			F		DWS	COLOR	IRC 5	L	NATURAL SOURCES
LA100404_00	Cypress Bayou Reservoir	L	2,840.6	F	F	N	N			F		FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA100404_00	Cypress Bayou Reservoir	L	2,840.6	F	F	N	N			F		FWP	DISSOLVED OXYGEN	IRC 4a		SOURCE UNKNOWN
LA100405_00	Black Bayou-From headwaters to spillway at Black Bayou Reservoir; includes Black Bayou Reservoir	R	14.2	N	F	F				F		PCR	FECAL COLIFORM	IRC 5	L	WILDLIFE OTHER THAN WATERFOWL
LA100406_00	Flat River-From headwaters to Loggy Bayou	R	55.0	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		SOURCE UNKNOWN
LA100406_00	Flat River-From headwaters to Loggy Bayou	R	55.0	F	F	N						FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA100406_00	Flat River-From headwaters to Loggy Bayou	R	55.0	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 4a		RESIDENTIAL DISTRICTS
LA100501_00	Bayou Dorcheat-From Arkansas state line to Lake Bistineau (Scenic)	R	53.1	F	F	N		N		F		FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA100501_00	Bayou Dorcheat-From Arkansas state line to Lake Bistineau (Scenic)	R	53.1	F	F	N		N		F		FWP	DISSOLVED OXYGEN	IRC 4a		SOURCE UNKNOWN
LA100501_00	Bayou Dorcheat-From Arkansas state line to Lake Bistineau (Scenic)	R	53.1	F	F	N		N		F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA100501_00	Bayou Dorcheat-From Arkansas state line to Lake Bistineau (Scenic)	R	53.1	F	F	N		N		F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA100501_00	Bayou Dorcheat-From Arkansas state line to Lake Bistineau (Scenic)	R	53.1	F	F	N		N		F		ONR	TURBIDITY	IRC 5	L	NATURAL SOURCES
LA100501_00	Bayou Dorcheat-From Arkansas state line to Lake Bistineau (Scenic)	R	53.1	F	F	N		N		F		ONR	TURBIDITY	IRC 5	L	SOURCE UNKNOWN
LA100502_00	Lake Bistineau	L	17,216.0	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 5	L	INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA100502_00	Lake Bistineau	L	17,216.0	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 5	L	SOURCE UNKNOWN
LA100502_00	Lake Bistineau	L	17,216.0	F	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS

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LA100502_00	Lake Bistineau	L	17,216.0	F	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA100502_00	Lake Bistineau	L	17,216.0	F	F	N				F		FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA100503_00	Caney Creek-From headwaters to Bayou Dorcheat; excludes Caney Lake	R	10.0	X	X	X				X						
LA100504_00	Caney Lake	L	361.0	X	X	X				X						
LA100505_00	Loggy Bayou-From Lake Bistineau dam to Flat River	R	9.2	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 5	L	SOURCE UNKNOWN
LA100506_00	Loggy Bayou-From Flat River to Red River	R	8.1	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 5RC	L	NATURAL SOURCES
LA100601_00	Bayou Pierre-From headwaters to Bayou Pierre	R	35.5	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		SOURCE UNKNOWN
LA100602_00	Boggy Bayou-From headwaters to Wallace Lake	R	25.5	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA100602_00	Boggy Bayou-From headwaters to Wallace Lake	R	25.5	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		SANITARY SEWER OVERFLOWS (COLLECTION SYSTEM FAILURES)
LA100602_00	Boggy Bayou-From headwaters to Wallace Lake	R	25.5	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		SOURCE UNKNOWN
LA100603_00	Wallace Lake	L	9,248.0	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 5RC	L	INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA100603_00	Wallace Lake	L	9,248.0	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 5RC	L	SOURCE UNKNOWN
LA100603_00	Wallace Lake	L	9,248.0	F	F	N				F		FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA100604_00	Wallace Bayou-From Wallace Lake to Bayou Pierre	R	3.4	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 5RC	L	NATURAL SOURCES
LA100604_00	Wallace Bayou-From Wallace Lake to Bayou Pierre	R	3.4	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 5RC	L	SOURCE UNKNOWN
LA100605_00	Clear Lake and Smithport Lake; includes old Edwards Lake	L	2,944.0	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA100605_00	Clear Lake and Smithport Lake; includes old Edwards Lake	L	2,944.0	F	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS

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LA100605_00	Clear Lake and Smithport Lake; includes old Edwards Lake	L	2,944.0	F	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA100605_00	Clear Lake and Smithport Lake; includes old Edwards Lake	L	2,944.0	F	F	N				F		FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		NATURAL SOURCES
LA100605_00	Clear Lake and Smithport Lake; includes old Edwards Lake	L	2,944.0	F	F	N				F		FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA100605_00	Clear Lake and Smithport Lake; includes old Edwards Lake	L	2,944.0	F	F	N				F		FWP	PHOSPHORUS, TOTAL	IRC 4a		NATURAL SOURCES
LA100606_00	Bayou Pierre-From Sawing Lake to Red River	R	49.6	N	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA100606_00	Bayou Pierre-From Sawing Lake to Red River	R	49.6	N	F	N				F		PCR	FECAL COLIFORM	IRC 5	L	MANURE RUNOFF
LA100701_00	Black Lake Bayou-From headwaters to 1 mile north of confluence with Leatherman Creek	R	38.1	F	F	N				F		FWP	SULFATE	IRC 4a		SOURCE UNKNOWN
LA100701_00	Black Lake Bayou-From headwaters to 1 mile north of confluence with Leatherman Creek	R	38.1	F	F	N				F		FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 4a		NATURAL SOURCES
LA100702_00	Black Lake Bayou-From 1 mile north of Leatherman Creek to Black Lake (Scenic)	R	37.0	N	F	N		N		F		FWP	DISSOLVED OXYGEN	IRC 4a		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA100702_00	Black Lake Bayou-From 1 mile north of Leatherman Creek to Black Lake (Scenic)	R	37.0	N	F	N		N		F		FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA100702_00	Black Lake Bayou-From 1 mile north of Leatherman Creek to Black Lake (Scenic)	R	37.0	N	F	N		N		F		FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA100702_00	Black Lake Bayou-From 1 mile north of Leatherman Creek to Black Lake (Scenic)	R	37.0	N	F	N		N		F		FWP	SULFATE	IRC 5	L	NATURAL SOURCES
LA100702_00	Black Lake Bayou-From 1 mile north of Leatherman Creek to Black Lake (Scenic)	R	37.0	N	F	N		N		F		FWP	SULFATE	IRC 5	L	SOURCE UNKNOWN
LA100702_00	Black Lake Bayou-From 1 mile north of Leatherman Creek to Black Lake (Scenic)	R	37.0	N	F	N		N		F		FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SOURCE UNKNOWN
LA100702_00	Black Lake Bayou-From 1 mile north of Leatherman Creek to Black Lake (Scenic)	R	37.0	N	F	N		N		F		ONR	TURBIDITY	IRC 5	L	SOURCE UNKNOWN
LA100702_00	Black Lake Bayou-From 1 mile north of Leatherman Creek to Black Lake (Scenic)	R	37.0	N	F	N		N		F		PCR	FECAL COLIFORM	IRC 5	L	SOURCE UNKNOWN
LA100703_00	Black Lake and Clear Lake	L	12,909.0	F	F	N	N			F		DWS	COLOR	IRC 5	L	NATURAL SOURCES
LA100703_00	Black Lake and Clear Lake	L	12,909.0	F	F	N	N			F		DWS	COLOR	IRC 5	L	SOURCE UNKNOWN
LA100703_00	Black Lake and Clear Lake	L	12,909.0	F	F	N	N			F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA100703_00	Black Lake and Clear Lake	L	12,909.0	F	F	N	N			F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA100703_00	Black Lake and Clear Lake	L	12,909.0	F	F	N	N			F		FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SOURCE UNKNOWN
LA100704_00	Kepler Creek-From headwaters to Kepler Lake	R	12.5	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 5RC	L	NATURAL SOURCES
LA100704_00	Kepler Creek-From headwaters to Kepler Lake	R	12.5	F	F	N				F		FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 4a		SOURCE UNKNOWN
LA100705_00	Kepler Lake	L	1,926.0	F	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA100705_00	Kepler Lake	L	1,926.0	F	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA100705_00	Kepler Lake	L	1,926.0	F	F	N				F		FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SOURCE UNKNOWN
LA100706_00	Kepler Creek-From Kepler Lake to Black Lake Bayou	R	1.8	F	F	N				F		FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SOURCE UNKNOWN
LA100707_00	Castor Creek-From headwaters to Black Lake Bayou	R	18.1	N	F	N						FWP	SULFATE	IRC 5	L	NATURAL SOURCES
LA100707_00	Castor Creek-From headwaters to Black Lake Bayou	R	18.1	N	F	N						FWP	SULFATE	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA100707_00	Castor Creek-From headwaters to Black Lake Bayou	R	18.1	N	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SOURCE UNKNOWN
LA100707_00	Castor Creek-From headwaters to Black Lake Bayou	R	18.1	N	F	N						PCR	FECAL COLIFORM	IRC 4a		WILDLIFE OTHER THAN WATERFOWL
LA100708_00	Castor Creek Tributary-From headwaters to Castor Creek	R	1.5		F	N						FWP	SULFATE	IRC 4a		NATURAL SOURCES
LA100708_00	Castor Creek Tributary-From headwaters to Castor Creek	R	1.5		F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 4a		NATURAL SOURCES
LA100709_00	Grand Bayou-From headwaters to Black Lake Bayou	R	54.5	F	F	N	N					DWS	1,2-DICHLOROETHANE	IRC 5	M	SOURCE UNKNOWN
LA100709_00	Grand Bayou-From headwaters to Black Lake Bayou	R	54.5	F	F	N	N					DWS	COLOR	IRC 5	L	NATURAL SOURCES
LA100709_00	Grand Bayou-From headwaters to Black Lake Bayou	R	54.5	F	F	N	N					DWS	COLOR	IRC 5	L	SOURCE UNKNOWN
LA100709_00	Grand Bayou-From headwaters to Black Lake Bayou	R	54.5	F	F	N	N					FWP	DISSOLVED OXYGEN	IRC 5RC	L	NATURAL SOURCES
LA100709_00	Grand Bayou-From headwaters to Black Lake Bayou	R	54.5	F	F	N	N					FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	NATURAL SOURCES
LA100709_001	Grand Bayou Reservoir-Located within subsegment LA100709_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this lake.	L	2,700.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA100709_001	Grand Bayou Reservoir-Located within subsegment LA100709_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this lake.	L	2,700.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA100710_00	Grand Bayou Tributary-From headwaters to Grand Bayou	R	8.0		F	N						FWP	CHLORIDE	IRC 4a		NATURAL SOURCES
LA100710_00	Grand Bayou Tributary-From headwaters to Grand Bayou	R	8.0		F	N						FWP	CHLORIDE	IRC 4a		PETROLEUM/NATURAL GAS ACTIVITIES
LA100710_00	Grand Bayou Tributary-From headwaters to Grand Bayou	R	8.0		F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	SOURCE UNKNOWN
LA100710_00	Grand Bayou Tributary-From headwaters to Grand Bayou	R	8.0		F	N						FWP	SULFATE	IRC 4a		NATURAL SOURCES
LA100710_00	Grand Bayou Tributary-From headwaters to Grand Bayou	R	8.0		F	N						FWP	SULFATE	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA100710_00	Grand Bayou Tributary-From headwaters to Grand Bayou	R	8.0		F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 4a		NATURAL SOURCES
LA100710_00	Grand Bayou Tributary-From headwaters to Grand Bayou	R	8.0		F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 4a		PETROLEUM/NATURAL GAS ACTIVITIES
LA100801_00	Saline Bayou-From headwaters near Arcadia to Saline Lake (Scenic)	R	83.4	F	F	N		F		F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA100801_00	Saline Bayou-From headwaters near Arcadia to Saline Lake (Scenic)	R	83.4	F	F	N		F		F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA100802_00	Saline Lake	L	8,960.0	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 5RC	L	NATURAL SOURCES
LA100802_00	Saline Lake	L	8,960.0	F	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	ATMOSPHERIC DEPOSITION - TOXICS
LA100802_00	Saline Lake	L	8,960.0	F	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 5	L	SOURCE UNKNOWN
LA100803_00	Saline Bayou-From Saline Lake to Red River	R	12.9	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		SOURCE UNKNOWN
LA100804_00	Saline Bayou Tributary-From headwaters to Saline Bayou near Arcadia	R	2.8		F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA100901_00	Nantaches Creek-From headwaters to Nantaches Lake	R	29.1	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 5RC	L	NATURAL SOURCES
LA100901_00	Nantaches Creek-From headwaters to Nantaches Lake	R	29.1	F	F	N				F		FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SILVICULTURE ACTIVITIES
LA100902_00	Nantaches Lake	L	1,581.0	F	F	N				F		FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SOURCE UNKNOWN
LA100903_00	Bayou Nantaches-From Nantaches Lake to Red River	R	1.0	F	F	N				F		FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA100903_00	Bayou Nantaches-From Nantaches Lake to Red River	R	1.0	F	F	N				F		FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SILVICULTURE ACTIVITIES
LA101001_00	Sibley Lake	L	1,830.4	N	F	N	F			F		FWP	PH, HIGH	IRC 5	L	NATURAL SOURCES
LA101001_00	Sibley Lake	L	1,830.4	N	F	N	F			F		PCR	TEMPERATURE	IRC 5	L	NATURAL SOURCES
LA101101_00	Cane River-From above Natchitoches to Red River	R	66.6	N	F	N				F		FWP	DISSOLVED OXYGEN	IRC 5	L	SOURCE UNKNOWN
LA101101_00	Cane River-From above Natchitoches to Red River	R	66.6	N	F	N				F		FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 4a		NATURAL SOURCES
LA101101_00	Cane River-From above Natchitoches to Red River	R	66.6	N	F	N				F		FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 4a		RURAL (RESIDENTIAL AREAS)
LA101101_00	Cane River-From above Natchitoches to Red River	R	66.6	N	F	N				F		PCR	FECAL COLIFORM	IRC 4a		LIVESTOCK (GRAZING OR FEEDING OPERATIONS)
LA101101_00	Cane River-From above Natchitoches to Red River	R	66.6	N	F	N				F		PCR	FECAL COLIFORM	IRC 4a		RURAL (RESIDENTIAL AREAS)
LA101101_00	Cane River-From above Natchitoches to Red River	R	66.6	N	F	N				F		PCR	FECAL COLIFORM	IRC 4a		SOURCE UNKNOWN
LA101101_00	Cane River-From above Natchitoches to Red River	R	66.6	N	F	N				F		PCR	FECAL COLIFORM	IRC 4a		WILDLIFE OTHER THAN WATERFOWL
LA101102_00	Kisatchie Bayou-From headwaters to Kisatchie National Forest	R	7.4	F	F	F				F						
LA101103_00	Kisatchie Bayou-From Kisatchie National Forest to Old River (Scenic)	R	45.8	N	F	F		N		F		ONR	TURBIDITY	IRC 5	L	AGRICULTURE
LA101103_00	Kisatchie Bayou-From Kisatchie National Forest to Old River (Scenic)	R	45.8	N	F	F		N		F		ONR	TURBIDITY	IRC 5	L	NATURAL SOURCES
LA101103_00	Kisatchie Bayou-From Kisatchie National Forest to Old River (Scenic)	R	45.8	N	F	F		N		F		PCR	FECAL COLIFORM	IRC 4a		SEWAGE DISCHARGES IN UNSEWERED AREAS
LA101103_00	Kisatchie Bayou-From Kisatchie National Forest to Old River (Scenic)	R	45.8	N	F	F		N		F		PCR	FECAL COLIFORM	IRC 4a		WATERFOWL
LA101103_00	Kisatchie Bayou-From Kisatchie National Forest to Old River (Scenic)	R	45.8	N	F	F		N		F		PCR	FECAL COLIFORM	IRC 4a		WILDLIFE OTHER THAN WATERFOWL
LA101201_00	Cotile Reservoir	L	1,602.4	F	F	F										
LA101301_00	Rigolette Bayou-From headwaters to Red River	R	26.5	N	F	F				F		PCR	FECAL COLIFORM	IRC 4a		SEWAGE DISCHARGES IN UNSEWERED AREAS
LA101302_00	Iatt Lake	L	6,280.3	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		AGRICULTURE
LA101302_00	Iatt Lake	L	6,280.3	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA101302_00	Iatt Lake	L	6,280.3	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		RUNOFF FROM FOREST/GRASSLAND/PARKLAND
LA101302_00	Iatt Lake	L	6,280.3	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		SEWAGE DISCHARGES IN UNSEWERED AREAS

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA101302_00	Iatt Lake	L	6,280.3	F	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA101302_00	Iatt Lake	L	6,280.3	F	F	N				F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA101302_00	Iatt Lake	L	6,280.3	F	F	N				F		FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA101302_00	Iatt Lake	L	6,280.3	F	F	N				F		FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	AGRICULTURE
LA101302_00	Iatt Lake	L	6,280.3	F	F	N				F		FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA101302_00	Iatt Lake	L	6,280.3	F	F	N				F		FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SILVICULTURE ACTIVITIES
LA101303_00	Iatt Creek-From headwaters to Iatt Lake	R	39.1	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA101303_00	Iatt Creek-From headwaters to Iatt Lake	R	39.1	F	F	N				F		FWP	DISSOLVED OXYGEN	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA101303_00	Iatt Creek-From headwaters to Iatt Lake	R	39.1	F	F	N				F		FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 4a		NATURAL SOURCES
LA101401_00	Buhlow Lake near Pineville	L	204.2	N	F	F						PCR	FECAL COLIFORM	IRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA101501_00	Big Saline Bayou-From Catahoula Lake to Saline Lake	R	12.0	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5RC	L	NATURAL SOURCES
LA101501_00	Big Saline Bayou-From Catahoula Lake to Saline Lake	R	12.0	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA101501_00	Big Saline Bayou-From Catahoula Lake to Saline Lake	R	12.0	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA101502_00	Saline Lake	L	1,971.0	N	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA101502_00	Saline Lake	L	1,971.0	N	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA101502_00	Saline Lake	L	1,971.0	N	F	N						FWP	TURBIDITY	IRC 5	L	AGRICULTURE
LA101502_00	Saline Lake	L	1,971.0	N	F	N						PCR	TEMPERATURE	IRC 5	L	NATURAL SOURCES

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA101502_00537480	Muddy Bayou-Located within subsegment LA101502_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	9.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA101502_00537480	Muddy Bayou-Located within subsegment LA101502_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	9.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA101504_00	Saline Bayou-From Larto Lake to Saline Lake (Scenic)	R	11.0	N	F	N		N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA101504_00	Saline Bayou-From Larto Lake to Saline Lake (Scenic)	R	11.0	N	F	N		N				FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA101504_00	Saline Bayou-From Larto Lake to Saline Lake (Scenic)	R	11.0	N	F	N		N				FWP	TURBIDITY	IRC 5	L	AGRICULTURE
LA101504_00	Saline Bayou-From Larto Lake to Saline Lake (Scenic)	R	11.0	N	F	N		N				ONR	TURBIDITY	IRC 5	L	AGRICULTURE
LA101504_00	Saline Bayou-From Larto Lake to Saline Lake (Scenic)	R	11.0	N	F	N		N				PCR	TEMPERATURE	IRC 5	L	NATURAL SOURCES
LA101504_001	Cross Bayou-Located within subsegment LA101504_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	4.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA101504_001	Cross Bayou-Located within subsegment LA101504_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	4.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA101504_002	Shad Lake-Located within subsegment LA101504_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	L	307.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA101504_002	Shad Lake-Located within subsegment LA101504_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	L	307.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA101505_00	Larto Lake	L	2,525.1	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA101505_00	Larto Lake	L	2,525.1	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA101506_00	Big Creek-From headwaters to Saline Lake	R	12.4	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA101506_00	Big Creek-From headwaters to Saline Lake	R	12.4	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA101506_00	Big Creek-From headwaters to Saline Lake	R	12.4	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA101506_001	Open Bayou-Located within subsegment LA101506_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	2.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA101506_001	Open Bayou-Located within subsegment LA101506_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	R	2.0			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA101601_00	Bayou Cocodrie-From Little Cross Bayou to Wild Cow Bayou (Scenic)	R	29.3	F	F	N		N		F		FWP	DISSOLVED OXYGEN	IRC 5	L	AGRICULTURE
LA101601_00	Bayou Cocodrie-From Little Cross Bayou to Wild Cow Bayou (Scenic)	R	29.3	F	F	N		N		F		FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA101601_00	Bayou Cocodrie-From Little Cross Bayou to Wild Cow Bayou (Scenic)	R	29.3	F	F	N		N		F		ONR	TURBIDITY	IRC 4a		AGRICULTURE
LA101602_00	Cocodrie Lake	L	986.0	F	F	N						FWP	TURBIDITY	IRC 5	L	AGRICULTURE
LA101603_00	Lake St. John	L	2,126.4	F	F	F										
LA101604_00	Lake Concordia	L	1,025.1	F	F	F										
LA101605_00	Bayou Cocodrie-From Lake Concordia to LA-15	R	1.5	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA101605_00	Bayou Cocodrie-From Lake Concordia to LA-15	R	1.5	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA101605_00	Bayou Cocodrie-From Lake Concordia to LA-15	R	1.5	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		RESIDENTIAL DISTRICTS
LA101606_00	Bayou Cocodrie-From Wild Cow Bayou to Red River	R	22.1	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	AGRICULTURE
LA101606_00	Bayou Cocodrie-From Wild Cow Bayou to Red River	R	22.1	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	IMPACTS FROM HYDROSTRUCTURE FLOW REGULATION/MODIFICATION
LA101607_00	Bayou Cocodrie-From LA-15 to Little Cross Bayou	R	7.1		X						X					
LA110101_00	Toledo Bend Reservoir-From Texas-Louisiana state line to Toledo Bend Dam	L	165,486.5	F	F	N	F			F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA110101_00	Toledo Bend Reservoir-From Texas-Louisiana state line to Toledo Bend Dam	L	165,486.5	F	F	N	F			F		FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA110101_00	Toledo Bend Reservoir-From Texas-Louisiana state line to Toledo Bend Dam	L	165,486.5	F	F	N	F				F	FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA110201_00	Sabine River-From Toledo Bend Dam to Old River below Sabine Island WMA	R	131.4	N	F	F						PCR	FECAL COLIFORM	IRC 5	L	SOURCE UNKNOWN
LA110201_00537846	Old River (Nibletts Bluff)-Located within subsegment LA110201_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this river.	R	10.6			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA110201_00537846	Old River (Nibletts Bluff)-Located within subsegment LA110201_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this river.	R	10.6			N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA110202_00	Pearl Creek-From headwaters to Sabine River (Scenic)	R	10.6	F	F	F		F								
LA110301_00	Sabine River-From Old River below Sabine Island WMA to Sabine Lake (Estuarine)	R	20.1	F	F	F										
LA110302_00	Black Bayou-From Pirogue Ditch to Sabine Lake (Estuarine)	R	14.2	F	F	F										
LA110303_00	Sabine Lake (Estuarine)	E	89.1	F	F	F			N			OYS	FECAL COLIFORM	IRC 5	M	NATURAL SOURCES
LA110303_00	Sabine Lake (Estuarine)	E	89.1	F	F	F			N			OYS	FECAL COLIFORM	IRC 5	M	WATERFOWL
LA110304_00	Sabine Pass (Estuarine)	R	8.4	F	F	F			N			OYS	FECAL COLIFORM	IRC 5	M	NATURAL SOURCES
LA110304_00	Sabine Pass (Estuarine)	R	8.4	F	F	F			N			OYS	FECAL COLIFORM	IRC 5	M	WATERFOWL
LA110401_00	Bayou Toro-From headwaters to LA-473	R	17.6	N	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SOURCE UNKNOWN
LA110401_00	Bayou Toro-From headwaters to LA-473	R	17.6	N	F	N						PCR	FECAL COLIFORM	IRC 4a		DROUGHT-RELATED IMPACTS
LA110401_00	Bayou Toro-From headwaters to LA-473	R	17.6	N	F	N						PCR	FECAL COLIFORM	IRC 4a		RUNOFF FROM FOREST/GRASSLAND/PARKLAND
LA110401_00	Bayou Toro-From headwaters to LA-473	R	17.6	N	F	N						PCR	FECAL COLIFORM	IRC 4a		RURAL (RESIDENTIAL AREAS)
LA110402_00	Bayou Toro-From LA-473 to Sabine River	R	14.7	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	CONSTRUCTION STORMWATER DISCHARGE (PERMITTED)
LA110402_00	Bayou Toro-From LA-473 to Sabine River	R	14.7	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SILVICULTURE HARVESTING
LA110402_00	Bayou Toro-From LA-473 to Sabine River	R	14.7	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SITE CLEARANCE (LAND DEVELOPMENT OR REDEVELOPMENT)
LA110501_00	West Anacoco Creek-From headwaters to Vernon Lake	R	18.3	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		LIVESTOCK (GRAZING OR FEEDING OPERATIONS)
LA110501_00	West Anacoco Creek-From headwaters to Vernon Lake	R	18.3	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA110501_00	West Anacoco Creek-From headwaters to Vernon Lake	R	18.3	N	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	CONSTRUCTION STORMWATER DISCHARGE (PERMITTED)
LA110501_00	West Anacoco Creek-From headwaters to Vernon Lake	R	18.3	N	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SILVICULTURE HARVESTING
LA110501_00	West Anacoco Creek-From headwaters to Vernon Lake	R	18.3	N	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SITE CLEARANCE (LAND DEVELOPMENT OR REDEVELOPMENT)
LA110501_00	West Anacoco Creek-From headwaters to Vernon Lake	R	18.3	N	F	N						PCR	FECAL COLIFORM	IRC 4a		DROUGHT-RELATED IMPACTS
LA110501_00	West Anacoco Creek-From headwaters to Vernon Lake	R	18.3	N	F	N						PCR	FECAL COLIFORM	IRC 4a		RUNOFF FROM FOREST/GRASSLAND/PARKLAND
LA110501_00	West Anacoco Creek-From headwaters to Vernon Lake	R	18.3	N	F	N						PCR	FECAL COLIFORM	IRC 4a		RURAL (RESIDENTIAL AREAS)
LA110502_00	East Anacoco Creek-From headwaters to Vernon Lake	R	6.2	N	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	NATURAL CONDITIONS - WATER QUALITY STANDARDS USE ATTAINABILITY ANALYSES NEEDED
LA110502_00	East Anacoco Creek-From headwaters to Vernon Lake	R	6.2	N	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	SILVICULTURE HARVESTING
LA110502_00	East Anacoco Creek-From headwaters to Vernon Lake	R	6.2	N	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	SITE CLEARANCE (LAND DEVELOPMENT OR REDEVELOPMENT)
LA110502_00	East Anacoco Creek-From headwaters to Vernon Lake	R	6.2	N	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	CONSTRUCTION STORMWATER DISCHARGE (PERMITTED)
LA110502_00	East Anacoco Creek-From headwaters to Vernon Lake	R	6.2	N	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SILVICULTURE HARVESTING
LA110502_00	East Anacoco Creek-From headwaters to Vernon Lake	R	6.2	N	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SITE CLEARANCE (LAND DEVELOPMENT OR REDEVELOPMENT)
LA110502_00	East Anacoco Creek-From headwaters to Vernon Lake	R	6.2	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	DROUGHT-RELATED IMPACTS
LA110502_00	East Anacoco Creek-From headwaters to Vernon Lake	R	6.2	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	RUNOFF FROM FOREST/GRASSLAND/PARKLAND
LA110502_00	East Anacoco Creek-From headwaters to Vernon Lake	R	6.2	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	RURAL (RESIDENTIAL AREAS)
LA110503_00	Vernon Lake	L	4,021.8	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA110503_00	Vernon Lake	L	4,021.8	F	F	N						FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN

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LA110503_00	Vernon Lake	L	4,021.8	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	CONSTRUCTION STORMWATER DISCHARGE (PERMITTED)
LA110503_00	Vernon Lake	L	4,021.8	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SILVICULTURE HARVESTING
LA110503_00	Vernon Lake	L	4,021.8	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SITE CLEARANCE (LAND DEVELOPMENT OR REDEVELOPMENT)
LA110504_00	Bayou Anacoco-From Vernon Lake to Anacoco Lake	R	7.0	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	DROUGHT-RELATED IMPACTS
LA110504_00	Bayou Anacoco-From Vernon Lake to Anacoco Lake	R	7.0	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SEDIMENT RESUSPENSION (CLEAN SEDIMENT)
LA110505_00	Anacoco Lake	L	2,184.2	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	NATURAL SOURCES
LA110505_00	Anacoco Lake	L	2,184.2	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	UNSPECIFIED LAND DISTURBANCE
LA110506_00	Bayou Anacoco-From Anacoco Lake to Cypress Creek	R	27.1	N	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	SOURCE UNKNOWN
LA110506_00	Bayou Anacoco-From Anacoco Lake to Cypress Creek	R	27.1	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	SOURCE UNKNOWN
LA110507_00	Bayou Anacoco-From Cypress Creek to Sabine River	R	18.1	F	F	F										
LA110601_00	Vinton Waterway-From Vinton to ICWW (Estuarine)	R	9.6	F	F	F										
LA110602_00	Black Bayou-From ICWW to Pirogue Ditch (Estuarine)	R	7.0	F	F	F										
LA110701_00	Sabine River Basin Coastal Bays and Gulf Waters to the State 3 mile limit	E	83.5	F	F	N			N			FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA110701_00	Sabine River Basin Coastal Bays and Gulf Waters to the State 3 mile limit	E	83.5	F	F	N			N			FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN
LA110701_00	Sabine River Basin Coastal Bays and Gulf Waters to the State 3 mile limit	E	83.5	F	F	N			N			OYS	FECAL COLIFORM	IRC 5	M	NATURAL SOURCES
LA110701_00	Sabine River Basin Coastal Bays and Gulf Waters to the State 3 mile limit	E	83.5	F	F	N			N			OYS	FECAL COLIFORM	IRC 5	M	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA110701_002	Constance, Long(Dung), Little Florida, Martin, and Gulf Breeze Beaches - Located within subsegment LA110701_00. This unit is added for swimming advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq.	C	6.3	N								PCR	ENTEROCOCCUS	IRC 5	L	NATURAL SOURCES

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA110701_002	Constance, Long(Dung), Little Florida, Martin, and Gulf Breeze Beaches - Located within subsegment LA110701_00. This unit is added for swimming advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq.	C	6.3	N								PCR	ENTEROCOCCUS	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA120102_00	Bayou Poydras-From headwaters to Bayou Choctaw	R	10.6	F	F	N						FWP	SULFATE	IRC 4a		WETLAND DRAINAGE
LA120102_00	Bayou Poydras-From headwaters to Bayou Choctaw	R	10.6	F	F	N						FWP	TURBIDITY	IRC 4a		SITE CLEARANCE (LAND DEVELOPMENT OR REDEVELOPMENT)
LA120103_00	Bayou Choctaw-From Bayou Poydras to Bayou Grosse Tete	R	13.1	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		AGRICULTURE
LA120103_00	Bayou Choctaw-From Bayou Poydras to Bayou Grosse Tete	R	13.1	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA120104_00	Bayou Grosse Tete-From headwaters to ICWW near Wilbert Canal	R	37.3	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		AGRICULTURE
LA120104_00	Bayou Grosse Tete-From headwaters to ICWW near Wilbert Canal	R	37.3	F	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		AGRICULTURE
LA120104_00	Bayou Grosse Tete-From headwaters to ICWW near Wilbert Canal	R	37.3	F	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		AGRICULTURE
LA120104_00	Bayou Grosse Tete-From headwaters to ICWW near Wilbert Canal	R	37.3	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 4a		AGRICULTURE
LA120105_00	Chamberlin Canal-From Chamberlin to Bayou Choctaw	R	7.9	F	F	N						FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA120106_00	Bayou Plaquemine-From Plaquemine Lock to ICWW	R	7.3	F	F	F										
LA120107_00	Upper Grand River and Lower Flat River-From headwaters to ICWW	R	12.4	F	F	F										
LA120108_00	False River	L	3,133.1	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	SHALLOW LAKE/RESERVOIR
LA120108_00	False River	L	3,133.1	F	F	N						FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA120109_00	Intracoastal Waterway-From Port Allen Locks to Bayou Sorrel Locks	R	28.2	N	F	F	F					PCR	FECAL COLIFORM	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA120110_00	Bayou Cholpe-From headwaters to Bayou Choctaw	R	8.2	F	F	N						FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA120110_00	Bayou Cholpe-From headwaters to Bayou Choctaw	R	8.2	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 4a		AGRICULTURE
LA120110_00	Bayou Cholpe-From headwaters to Bayou Choctaw	R	8.2	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 4a		DROUGHT-RELATED IMPACTS
LA120111_00	Bayou Maringouin-From headwaters to East Atchafalaya Basin Levee	R	20.5	N	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 4a		AGRICULTURE
LA120111_00	Bayou Maringouin-From headwaters to East Atchafalaya Basin Levee	R	20.5	N	F	N						PCR	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA120201_00	Lower Grand River and Belle River-From Bayou Sorrel Lock to Lake Palourde; includes Bay Natchez, Lake Natchez, Bayou Milhomme, and Bayou Long	R	48.9	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA120202_00	Bayou Black-From ICWW to Houma	R	23.5	N	F	N	N					DWS	COLOR	IRC 5	L	NATURAL SOURCES
LA120202_00	Bayou Black-From ICWW to Houma	R	23.5	N	F	N	N					FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA120202_00	Bayou Black-From ICWW to Houma	R	23.5	N	F	N	N					FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		NATURAL SOURCES
LA120202_00	Bayou Black-From ICWW to Houma	R	23.5	N	F	N	N					FWP	PHOSPHORUS, TOTAL	IRC 4a		NATURAL SOURCES
LA120202_00	Bayou Black-From ICWW to Houma	R	23.5	N	F	N	N					PCR	FECAL COLIFORM	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA120202_00	Bayou Black-From ICWW to Houma	R	23.5	N	F	N	N					PCR	FECAL COLIFORM	IRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA120202_00	Bayou Black-From ICWW to Houma	R	23.5	N	F	N	N					PCR	FECAL COLIFORM	IRC 5	L	WILDLIFE OTHER THAN WATERFOWL
LA120203_00	Bayou Boeuf-From Lake Palourde to ICWW	R	3.7	F	F	F	F									
LA120204_00	Lake Verret and Grassy Lake	L	16,311.2	F	F	N						FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA120204_00	Lake Verret and Grassy Lake	L	16,311.2	F	F	N						FWP	TURBIDITY	IRC 5RC	L	AGRICULTURE
LA120205_00	Lake Palourde	L	10,769.8	F	F	N	F					FWP	PH, HIGH	IRC 4a		

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LA120206_00	Grand Bayou and Little Grand Bayou-From headwaters to Lake Verret	R	17.8	F	F	N						FWP	TURBIDITY	IRC 4a		AGRICULTURE
LA120207_00	Thibodaux Swamp-Forested wetland located in Lafourche and Terrebonne Parishes, 6.2 miles southwest of Thibodaux, east of Terrebonne-Lafourche Drainage Canal, and north of Southern Pacific Railroad; also called Pointe Au Chene Swamp	W	4,480.0		X	N						FWP	CAUSE UNKNOWN	IRC 4b		SOURCE UNKNOWN
LA120208_00	Bayou Ramos Swamp Wetland-Forested wetland located 1.25 miles north of Amelia in St. Mary Parish, south of Lake Palourde	W	128.0		X	F										
LA120301_00	Bayou Terrebonne-From Thibodaux to ICWW in Houma	R	14.9	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		MUNICIPAL (URBANIZED HIGH DENSITY AREA)
LA120301_00	Bayou Terrebonne-From Thibodaux to ICWW in Houma	R	14.9	N	F	N						FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA120301_00	Bayou Terrebonne-From Thibodaux to ICWW in Houma	R	14.9	N	F	N						PCR	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA120301_00	Bayou Terrebonne-From Thibodaux to ICWW in Houma	R	14.9	N	F	N						PCR	FECAL COLIFORM	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA120301_00	Bayou Terrebonne-From Thibodaux to ICWW in Houma	R	14.9	N	F	N						PCR	FECAL COLIFORM	IRC 4a		SANITARY SEWER OVERFLOWS (COLLECTION SYSTEM FAILURES)
LA120301_00	Bayou Terrebonne-From Thibodaux to ICWW in Houma	R	14.9	N	F	N						SCR	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA120301_00	Bayou Terrebonne-From Thibodaux to ICWW in Houma	R	14.9	N	F	N						SCR	FECAL COLIFORM	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA120301_00	Bayou Terrebonne-From Thibodaux to ICWW in Houma	R	14.9	N	F	N						SCR	FECAL COLIFORM	IRC 4a		SANITARY SEWER OVERFLOWS (COLLECTION SYSTEM FAILURES)
LA120302_00	Bayou Folse-From headwaters to Company Canal	R	12.2	N	F	N	F			F		FWP	DISSOLVED OXYGEN	IRC 4a		FORCED DRAINAGE PUMPING

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LA120302_00	Bayou Folse-From headwaters to Company Canal	R	12.2	N	F	N	F			F		FWP	DISSOLVED OXYGEN	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA120302_00	Bayou Folse-From headwaters to Company Canal	R	12.2	N	F	N	F			F		FWP	DISSOLVED OXYGEN	IRC 4a		SANITARY SEWER OVERFLOWS (COLLECTION SYSTEM FAILURES)
LA120302_00	Bayou Folse-From headwaters to Company Canal	R	12.2	N	F	N	F			F		FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		FORCED DRAINAGE PUMPING
LA120302_00	Bayou Folse-From headwaters to Company Canal	R	12.2	N	F	N	F			F		FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA120302_00	Bayou Folse-From headwaters to Company Canal	R	12.2	N	F	N	F			F		FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		SANITARY SEWER OVERFLOWS (COLLECTION SYSTEM FAILURES)
LA120302_00	Bayou Folse-From headwaters to Company Canal	R	12.2	N	F	N	F			F		FWP	PHOSPHORUS, TOTAL	IRC 4a		FORCED DRAINAGE PUMPING
LA120302_00	Bayou Folse-From headwaters to Company Canal	R	12.2	N	F	N	F			F		FWP	PHOSPHORUS, TOTAL	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA120302_00	Bayou Folse-From headwaters to Company Canal	R	12.2	N	F	N	F			F		FWP	PHOSPHORUS, TOTAL	IRC 4a		SANITARY SEWER OVERFLOWS (COLLECTION SYSTEM FAILURES)
LA120302_00	Bayou Folse-From headwaters to Company Canal	R	12.2	N	F	N	F			F		PCR	FECAL COLIFORM	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA120302_00	Bayou Folse-From headwaters to Company Canal	R	12.2	N	F	N	F			F		PCR	FECAL COLIFORM	IRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA120302_00	Bayou Folse-From headwaters to Company Canal	R	12.2	N	F	N	F			F		PCR	FECAL COLIFORM	IRC 5	L	WILDLIFE OTHER THAN WATERFOWL
LA120302_00	Bayou Folse-From headwaters to Company Canal	R	12.2	N	F	N	F			F		PCR	TEMPERATURE	IRC 5	L	NATURAL SOURCES
LA120303_00	Bayou L'eau Bleu-From Company Canal to ICWW	R	9.2	F	F	F										
LA120304_00	Intracoastal Waterway-From Houma to Larose	R	23.7	F	F	N	F			F		FWP	DISSOLVED OXYGEN	IRC 4a		DISCHARGES FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)
LA120401_00	Bayou Penchant-From Bayou Chene to Lake Penchant	R	29.2	F	F	N		N				FWP	DISSOLVED OXYGEN	IRC 5	L	WETLAND DRAINAGE

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA120401_00	Bayou Penchant-From Bayou Chene to Lake Penchant	R	29.2	F	F	N		N				FWP	TURBIDITY	IRC 5	L	NATURAL SOURCES
LA120401_00	Bayou Penchant-From Bayou Chene to Lake Penchant	R	29.2	F	F	N		N				ONR	TURBIDITY	IRC 5	L	NATURAL SOURCES
LA120402_00	Bayou Chene-From ICWW to Bayou Penchant	R	6.5	F	F	F										
LA120403_00	Intracoastal Waterway-From Bayou Boeuf Locks to Bayou Black in Houma; includes segments of Bayous Boeuf, Black, and Chene	R	34.7	F	F	F	F			F						
LA120404_00	Lake Penchant	L	882.5	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		WETLAND DRAINAGE
LA120404_00	Lake Penchant	L	882.5	F	F	N						FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA120405_00	Lake Hache and Lake Theriot	L	1,685.4	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA120405_00	Lake Hache and Lake Theriot	L	1,685.4	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA120405_00	Lake Hache and Lake Theriot	L	1,685.4	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		PESTICIDE APPLICATION
LA120405_00	Lake Hache and Lake Theriot	L	1,685.4	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		WATERFOWL
LA120405_00	Lake Hache and Lake Theriot	L	1,685.4	F	F	N						FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA120406_00	Lake de Cade	E	8.0	F	F	F			F							
LA120501_00	Bayou Grand Caillou-From Houma to Bayou Pelton	R	8.3	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		FORCED DRAINAGE PUMPING
LA120501_00	Bayou Grand Caillou-From Houma to Bayou Pelton	R	8.3	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA120501_00	Bayou Grand Caillou-From Houma to Bayou Pelton	R	8.3	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA120501_00	Bayou Grand Caillou-From Houma to Bayou Pelton	R	8.3	N	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		FORCED DRAINAGE PUMPING
LA120501_00	Bayou Grand Caillou-From Houma to Bayou Pelton	R	8.3	N	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA120501_00	Bayou Grand Caillou-From Houma to Bayou Pelton	R	8.3	N	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		NATURAL SOURCES

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA120501_00	Bayou Grand Caillou-From Houma to Bayou Pelton	R	8.3	N	F	N						FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA120501_00	Bayou Grand Caillou-From Houma to Bayou Pelton	R	8.3	N	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		FORCED DRAINAGE PUMPING
LA120501_00	Bayou Grand Caillou-From Houma to Bayou Pelton	R	8.3	N	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA120501_00	Bayou Grand Caillou-From Houma to Bayou Pelton	R	8.3	N	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		NATURAL SOURCES
LA120501_00	Bayou Grand Caillou-From Houma to Bayou Pelton	R	8.3	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA120501_00	Bayou Grand Caillou-From Houma to Bayou Pelton	R	8.3	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA120502_00	Bayou Grand Caillou-From Bayou Pelton to Houma Navigation Canal (Estuarine)	R	10.8	F	F	F			N			OYS	FECAL COLIFORM	IRC 4a		MARINA/BOATING SANITARY ON-VESSEL DISCHARGES
LA120502_00	Bayou Grand Caillou-From Bayou Pelton to Houma Navigation Canal (Estuarine)	R	10.8	F	F	F			N			OYS	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA120502_00	Bayou Grand Caillou-From Bayou Pelton to Houma Navigation Canal (Estuarine)	R	10.8	F	F	F			N			OYS	FECAL COLIFORM	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA120503_00	Bayou Petit Caillou-From Bayou Terrebonne to LA-24 bridge	R	5.2	N	F	N			N			FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA120503_00	Bayou Petit Caillou-From Bayou Terrebonne to LA-24 bridge	R	5.2	N	F	N			N			FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA120503_00	Bayou Petit Caillou-From Bayou Terrebonne to LA-24 bridge	R	5.2	N	F	N			N			FWP	DISSOLVED OXYGEN	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA120503_00	Bayou Petit Caillou-From Bayou Terrebonne to LA-24 bridge	R	5.2	N	F	N			N			FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA120503_00	Bayou Petit Caillou-From Bayou Terrebonne to LA-24 bridge	R	5.2	N	F	N			N			OYS	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA120503_00	Bayou Petit Caillou-From Bayou Terrebonne to LA-24 bridge	R	5.2	N	F	N			N			OYS	FECAL COLIFORM	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA120503_00	Bayou Petit Caillou-From Bayou Terrebonne to LA-24 bridge	R	5.2	N	F	N			N			PCR	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA120503_00	Bayou Petit Caillou-From Bayou Terrebonne to LA-24 bridge	R	5.2	N	F	N			N			PCR	FECAL COLIFORM	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA120504_00	Bayou Petit Caillou-From LA-24 bridge to Boudreaux Canal (Estuarine)	R	11.2	F	F	N			N			FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA120504_00	Bayou Petit Caillou-From LA-24 bridge to Boudreaux Canal (Estuarine)	R	11.2	F	F	N			N			OYS	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA120504_00	Bayou Petit Caillou-From LA-24 bridge to Boudreaux Canal (Estuarine)	R	11.2	F	F	N			N			OYS	FECAL COLIFORM	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA120505_00	Bayou Du Large-From Houma to Marmande Canal	R	6.7	F	F	N						FWP	CHLORIDE	IRC 5	L	NATURAL SOURCES
LA120505_00	Bayou Du Large-From Houma to Marmande Canal	R	6.7	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA120505_00	Bayou Du Large-From Houma to Marmande Canal	R	6.7	F	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA120505_00	Bayou Du Large-From Houma to Marmande Canal	R	6.7	F	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA120505_00	Bayou Du Large-From Houma to Marmande Canal	R	6.7	F	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA120505_00	Bayou Du Large-From Houma to Marmande Canal	R	6.7	F	F	N						FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA120505_00	Bayou Du Large-From Houma to Marmande Canal	R	6.7	F	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA120505_00	Bayou Du Large-From Houma to Marmande Canal	R	6.7	F	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA120505_00	Bayou Du Large-From Houma to Marmande Canal	R	6.7	F	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	NATURAL SOURCES
LA120506_00	Bayou Du Large-From Marmande Canal to 1/2 mile north of St. Andrews Mission (Estuarine)	R	9.6	N	F	N			N			FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA120506_00	Bayou Du Large-From Marmande Canal to 1/2 mile north of St. Andrews Mission (Estuarine)	R	9.6	N	F	N			N			OYS	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA120506_00	Bayou Du Large-From Marmande Canal to 1/2 mile north of St. Andrews Mission (Estuarine)	R	9.6	N	F	N			N			OYS	FECAL COLIFORM	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES

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LA120506_00	Bayou Du Large-From Marmande Canal to 1/2 mile north of St. Andrews Mission (Estuarine)	R	9.6	N	F	N			N			PCR	ENTEROCOCCUS	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA120506_00	Bayou Du Large-From Marmande Canal to 1/2 mile north of St. Andrews Mission (Estuarine)	R	9.6	N	F	N			N			PCR	ENTEROCOCCUS	IRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA120507_00	Bayou Chauvin-From Ashland Canal to Lake Boudreaux (Estuarine)	R	12.7	F	F	N						FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA120508_00	Houma Navigation Canal-From Bayou Pelton to 1 mile south of Bayou Grand Caillou (Estuarine)	R	12.0	F	F	F			N			OYS	FECAL COLIFORM	IRC 4a		LIVESTOCK (GRAZING OR FEEDING OPERATIONS)
LA120508_00	Houma Navigation Canal-From Bayou Pelton to 1 mile south of Bayou Grand Caillou (Estuarine)	R	12.0	F	F	F			N			OYS	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA120508_00	Houma Navigation Canal-From Bayou Pelton to 1 mile south of Bayou Grand Caillou (Estuarine)	R	12.0	F	F	F			N			OYS	FECAL COLIFORM	IRC 4a		SEWAGE DISCHARGES IN UNSEWERED AREAS
LA120509_00	Houma Navigation Canal-From Houma to Bayou Pelton	R	5.1	F	F	F	F									
LA120601_00	Bayou Terrebonne-From Houma to Company Canal (Estuarine)	R	7.4	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	NATURAL SOURCES
LA120601_00	Bayou Terrebonne-From Houma to Company Canal (Estuarine)	R	7.4	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA120601_00	Bayou Terrebonne-From Houma to Company Canal (Estuarine)	R	7.4	F	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA120601_00	Bayou Terrebonne-From Houma to Company Canal (Estuarine)	R	7.4	F	F	N						FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)

Subsegment Number	Subsegment Description	Water Body Type	Size	PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL	Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment
LA120602_00	Bayou Terrebonne-From Company Canal to Humble Canal (Estuarine)	R	9.5	F	F	N			N			FWP	DISSOLVED OXYGEN	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA120602_00	Bayou Terrebonne-From Company Canal to Humble Canal (Estuarine)	R	9.5	F	F	N			N			FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA120602_00	Bayou Terrebonne-From Company Canal to Humble Canal (Estuarine)	R	9.5	F	F	N			N			OYS	FECAL COLIFORM	IRC 4a		MARINA/BOATING SANITARY ON-VESSEL DISCHARGES
LA120602_00	Bayou Terrebonne-From Company Canal to Humble Canal (Estuarine)	R	9.5	F	F	N			N			OYS	FECAL COLIFORM	IRC 4a		MUNICIPAL POINT SOURCE DISCHARGES
LA120602_00	Bayou Terrebonne-From Company Canal to Humble Canal (Estuarine)	R	9.5	F	F	N			N			OYS	FECAL COLIFORM	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA120602_00	Bayou Terrebonne-From Company Canal to Humble Canal (Estuarine)	R	9.5	F	F	N			N			OYS	FECAL COLIFORM	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA120603_00	Company Canal-From ICWW to Bayou Terrebonne	R	0.8	N	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	NATURAL SOURCES
LA120603_00	Company Canal-From ICWW to Bayou Terrebonne	R	0.8	N	F	N						FWP	DISSOLVED OXYGEN	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA120603_00	Company Canal-From ICWW to Bayou Terrebonne	R	0.8	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	MARINA/BOATING SANITARY ON-VESSEL DISCHARGES
LA120603_00	Company Canal-From ICWW to Bayou Terrebonne	R	0.8	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA120603_00	Company Canal-From ICWW to Bayou Terrebonne	R	0.8	N	F	N						PCR	FECAL COLIFORM	IRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES

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LA120604_00	Bayou Blue-From ICWW to Grand Bayou Canal	R	12.8	F	F	N						FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA120605_00	Bayou Pointe Au Chien-From headwaters to St. Louis Canal	R	7.8	N	F	N						FWP	CHLORIDE	IRC 5	L	NATURAL SOURCES
LA120605_00	Bayou Pointe Au Chien-From headwaters to St. Louis Canal	R	7.8	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		NATURAL SOURCES
LA120605_00	Bayou Pointe Au Chien-From headwaters to St. Louis Canal	R	7.8	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA120605_00	Bayou Pointe Au Chien-From headwaters to St. Louis Canal	R	7.8	N	F	N						FWP	DISSOLVED OXYGEN	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA120605_00	Bayou Pointe Au Chien-From headwaters to St. Louis Canal	R	7.8	N	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		AGRICULTURE
LA120605_00	Bayou Pointe Au Chien-From headwaters to St. Louis Canal	R	7.8	N	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		NATURAL SOURCES
LA120605_00	Bayou Pointe Au Chien-From headwaters to St. Louis Canal	R	7.8	N	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA120605_00	Bayou Pointe Au Chien-From headwaters to St. Louis Canal	R	7.8	N	F	N						FWP	NITRATE/NITRITE (NITRITE + NITRATE AS N)	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA120605_00	Bayou Pointe Au Chien-From headwaters to St. Louis Canal	R	7.8	N	F	N						FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA120605_00	Bayou Pointe Au Chien-From headwaters to St. Louis Canal	R	7.8	N	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		AGRICULTURE
LA120605_00	Bayou Pointe Au Chien-From headwaters to St. Louis Canal	R	7.8	N	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		NATURAL SOURCES
LA120605_00	Bayou Pointe Au Chien-From headwaters to St. Louis Canal	R	7.8	N	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)

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LA120605_00	Bayou Pointe Au Chien-From headwaters to St. Louis Canal	R	7.8	N	F	N						FWP	PHOSPHORUS, TOTAL	IRC 4a		PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA120605_00	Bayou Pointe Au Chien-From headwaters to St. Louis Canal	R	7.8	N	F	N						FWP	SULFATE	IRC 5	L	NATURAL SOURCES
LA120605_00	Bayou Pointe Au Chien-From headwaters to St. Louis Canal	R	7.8	N	F	N						FWP	TOTAL DISSOLVED SOLIDS (TDS)	IRC 5	L	NATURAL SOURCES
LA120605_00	Bayou Pointe Au Chien-From headwaters to St. Louis Canal	R	7.8	N	F	N						PCR	ENTEROCOCCUS	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA120605_00	Bayou Pointe Au Chien-From headwaters to St. Louis Canal	R	7.8	N	F	N						PCR	ENTEROCOCCUS	IRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA120606_00	Bayou Blue-From Grand Bayou Canal to Bully Camp Canal (Estuarine)	R	5.9	F	F	N						FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA120701_00	Bayou Grand Caillou-From Houma Navigation Canal to Caillou Bay (Estuarine)	R	20.8	F	F	F			F							
LA120702_00	Bayou Petite Caillou-From Boudreaux Canal to Houma Navigation Canal (Estuarine)	R	11.2	F	F	F			N			OYS	FECAL COLIFORM	IRC 5	M	MARINA/BOATING SANITARY ON-VESSEL DISCHARGES
LA120702_00	Bayou Petite Caillou-From Boudreaux Canal to Houma Navigation Canal (Estuarine)	R	11.2	F	F	F			N			OYS	FECAL COLIFORM	IRC 5	M	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA120702_00	Bayou Petite Caillou-From Boudreaux Canal to Houma Navigation Canal (Estuarine)	R	11.2	F	F	F			N			OYS	FECAL COLIFORM	IRC 5	M	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LA120703_00	Bayou Du Large-From 1/2 mile north of St. Andrews Mission to Caillou Bay (Estuarine)	R	21.5	F	F	N			F			FWP	NON-NATIVE AQUATIC PLANTS	IRC 4b		INTRODUCTION OF NON-NATIVE ORGANISMS (ACCIDENTAL OR INTENTIONAL)
LA120704_00	Bayou Terrebonne-From Humble Canal to Lake Barre (Estuarine)	R	14.8	N	F	F			N			OYS	FECAL COLIFORM	IRC 5	M	MARINA/BOATING SANITARY ON-VESSEL DISCHARGES
LA120704_00	Bayou Terrebonne-From Humble Canal to Lake Barre (Estuarine)	R	14.8	N	F	F			N			OYS	FECAL COLIFORM	IRC 5	M	SEWAGE DISCHARGES IN UNSEWERED AREAS

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LA120704_00	Bayou Terrebonne-From Humble Canal to Lake Barre (Estuarine)	R	14.8	N	F	F			N			PCR	ENTEROCOCCUS	IRC 5	L	MARINA/BOATING SANITARY ON-VESSEL DISCHARGES
LA120704_00	Bayou Terrebonne-From Humble Canal to Lake Barre (Estuarine)	R	14.8	N	F	F			N			PCR	ENTEROCOCCUS	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA120705_00	Houma Navigation Canal-From 1/2 mile south of Bayou Grand Caillou to Terrebonne Bay (Estuarine)	R	14.0	F	F	F			N			OYS	FECAL COLIFORM	IRC 5	M	NATURAL SOURCES
LA120705_00	Houma Navigation Canal-From 1/2 mile south of Bayou Grand Caillou to Terrebonne Bay (Estuarine)	R	14.0	F	F	F			N			OYS	FECAL COLIFORM	IRC 5	M	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA120705_00	Houma Navigation Canal-From 1/2 mile south of Bayou Grand Caillou to Terrebonne Bay (Estuarine)	R	14.0	F	F	F			N			OYS	FECAL COLIFORM	IRC 5	M	UPSTREAM SOURCE
LA120706_00	Bayou Blue-From Bully Camp Canal to Lake Raccourci (Estuarine)	R	12.0	F	F	F			N			OYS	FECAL COLIFORM	IRC 5	M	WILDLIFE OTHER THAN WATERFOWL
LA120707_00	Lake Boudreaux	E	7.0	F	F	F			N			OYS	FECAL COLIFORM	IRC 4a		SEWAGE DISCHARGES IN UNSEWERED AREAS
LA120707_00	Lake Boudreaux	E	7.0	F	F	F			N			OYS	FECAL COLIFORM	IRC 4a		WATERFOWL
LA120707_00	Lake Boudreaux	E	7.0	F	F	F			N			OYS	FECAL COLIFORM	IRC 4a		WILDLIFE OTHER THAN WATERFOWL
LA120708_00	Lost Lake and Four League Bay	E	55.0	F	F	F			N			OYS	FECAL COLIFORM	IRC 4a		WATERFOWL
LA120708_00	Lost Lake and Four League Bay	E	55.0	F	F	F			N			OYS	FECAL COLIFORM	IRC 4a		WILDLIFE OTHER THAN WATERFOWL
LA120709_00	Bayou Petite Caillou-From Houma Navigation Canal to Terrebonne Bay	R	1.4	F	F	F			F							
LA120801_00	Caillou Bay	E	20.0	N	F	F			F			PCR	ENTEROCOCCUS	IRC 5	L	WILDLIFE OTHER THAN WATERFOWL
LA120802_00	Terrebonne Bay	E	96.6	F	F	F			F							
LA120803_00	Timbalier Bay	E	164.6	F	F	F			F							
LA120804_00	Lake Barre	E	64.3	F	F	F			F							
LA120805_00	Lake Pelto	E	55.8	F	F	F			F							
LA120806_00	Terrebonne Basin Coastal Bays and Gulf Waters to the State 3 mile limit	E	280.7	F	F	N			F			FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		ATMOSPHERIC DEPOSITION - TOXICS
LA120806_00	Terrebonne Basin Coastal Bays and Gulf Waters to the State 3 mile limit	E	280.7	F	F	N			F			FWP	MERCURY - FISH CONSUMPTION ADVISORY	IRC 4a		SOURCE UNKNOWN



November 30, 2021

Louisiana Department of Wildlife and Fisheries
P.O. Box 89000
2000 Quail Drive
Baton Rouge, LA 70898

**RE: Sankofa Wetland Park
New Orleans, LA
Orleans Parish
DDG Project No. 21-380**

To whom it may concern,

Duplantis Design Group, P.C. (DDGPC) is preparing a Storm Water Pollution Prevention Plan (SWPPP) on the above referenced property, located along the north side of Florida Avenue, New Orleans, Louisiana. The project consists of construction of a wetland park and nature trail. Currently, the site is an undeveloped grass lot. The site is bounded by Florida Avenue to the south, Norfolk Southern Railroad to the north. The project will span from Tennessee Street on the west side to approximately Tupelo Street on the east and tie into the existing complete Phase 1 of the Sankofa Wetland Park and Trail.

Project begin date- January 1, 2022.
Project end date – June 30, 2022.

The location of the site can be found on the enclosed vicinity map (Latitude 29° 58' 38.12" N and Longitude 90° 00' 27.01" W). The drainage from the project site will be collected in the subsurface drainage canal along Florida Avenue which flows to pump station 5. Next the water is pumped to the Main outfall Canal then flows to Bayou Bienvenue which flows to the Gulf of Mexico.

In preparation of the SWPPP, we are in need of verification that no federally listed or endangered species or their designated critical habitat will be affected by the development.

Please determine if the proposed construction site or associated storm water discharges are within the vicinity of federally listed or endangered species, or their designated critical habitat. Please respond in writing so that I may complete the SWPPP. If you have any questions or need additional information, please call.

Sincerely,
Duplantis Design Group, P.C.

A handwritten signature in blue ink, appearing to read "Ashley Rue", is written in a cursive style.

Ashley Rue, PE

DUPLANTIS DESIGN GROUP, PC

4141 Bienville Street, Suite 101; New Orleans, LA
(O) 504.434.6565 (F) 985.249.6190

THIBODAUX
NEW ORLEANS

BATON ROUGE
LAFAYETTE

COVINGTON
HOUSTON



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Louisiana Ecological Services Field Office
200 Dulles Drive
Lafayette, LA 70506
Phone: (337) 291-3100 Fax: (337) 291-3139

IPaC Record Locator: 978-107835216

November 30, 2021

Subject: Consistency letter for the project named 'Sankofa Wetland Park' for specified threatened and endangered species that may occur in your proposed project location pursuant to the Louisiana Endangered Species Act project review and guidance for other federal trust resources determination key (Louisiana DKey).

Dear Andrew Harris:

The U.S. Fish and Wildlife Service (Service) received on November 30, 2021 your effects determination(s) for the 'Sankofa Wetland Park' (the Action) using the Louisiana DKey within the Information for Planning and Consultation (IPaC) system. The Service developed this system in accordance with the Endangered Species Act of 1973 (ESA) (87 Stat.884, as amended; 16 U.S.C. 1531 et seq.).

Based on your answers, and the assistance in the Service's Louisiana DKey, you made the following effect determination(s) for the proposed Action:

Species	Determination
Threatened West Indian manatee (<i>Trichechus manatus</i>)	No Effect

Your agency has met consultation requirements for these species by informing the Service of the "no effect" determinations. No further consultation for this project is required for these species. This consistency letter confirms you may rely on effect determinations you reached by considering the Louisiana DKey to satisfy agency consultation requirements under Section 7(a) (2) of the Endangered Species Act of 1973 (87 Stat. 884, as amended 16 U.S.C. 1531 et seq.; ESA).

The Service recommends that your agency contact the Service or re-evaluate the project in IPaC if: 1) the scope or location of the proposed project is changed significantly, 2) new information reveals that the action may affect listed species or designated critical habitat; 3) the action is modified in a manner that causes effects to listed species or designated critical habitat; or 4) a new species is listed or critical habitat designated. If any of the above conditions occurs, additional consultation should take place before project changes are final or resources committed.

Action Description

You provided to IPaC the following name and description for the subject Action.

1. Name

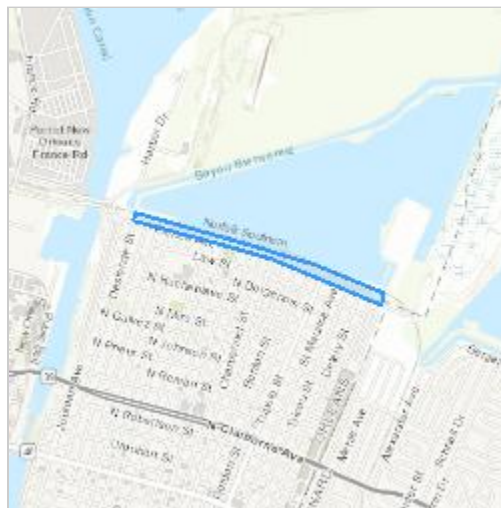
Sankofa Wetland Park

2. Description

The following description was provided for the project 'Sankofa Wetland Park':

Construction of a wetland park and nature trail.

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@29.9770348,-90.0068012,1602292,14z>



Qualification Interview

1. Is the action authorized, funded, or being carried out by a Federal agency?
No
 2. [Hidden Semantic] Does the project intersect the west indian manatee AOI?
Automatically answered
Yes
 3. (Semantic) Is the project located within the manatee consultation zone, excluding the Mississippi River?
Automatically answered
Yes
 4. Is the project footprint entirely on land?
Yes
 5. [Semantic] Does the project intersect the Northern Long-eared bat AOI?
Automatically answered
No
 6. (Semantic) Does the project intersect the Louisiana black bear Range?
Automatically answered
No
-

Average Weather Data for New Orleans, Louisiana

US Climate Data (<http://www.worldclimate.com/climate/>) / Louisiana (/Climate/Us/Louisiana) / New Orleans

Monthly Averages

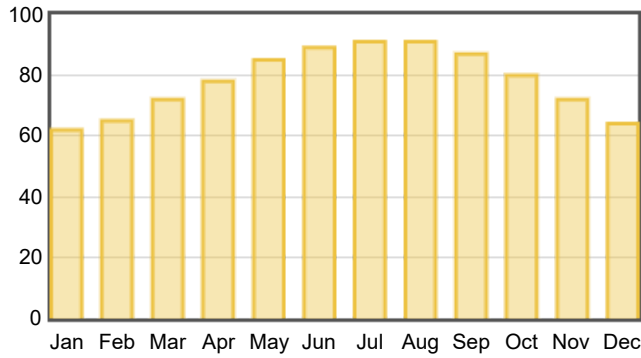
	January	February	March	April	May	June	July	August	September	October	November	December
Average Monthly high in °F:	62°	65°	72°	78°	85°	89°	91°	91°	87°	80°	72°	64°
Average Monthly low in °F:	45°	48°	53°	60°	68°	74°	75°	75°	72°	63°	53°	47°
Average Snow/Rain (Precip.) (in inches)	0	0	0	0	0	0	0	0	0	0	0	0
Days with precipitation:	9	8	8	6	7	12	13	13	9	7	7	9
Hours of sunshine:	151	163	220	252	279	273	257	251	228	241	171	158

Yearly Averages

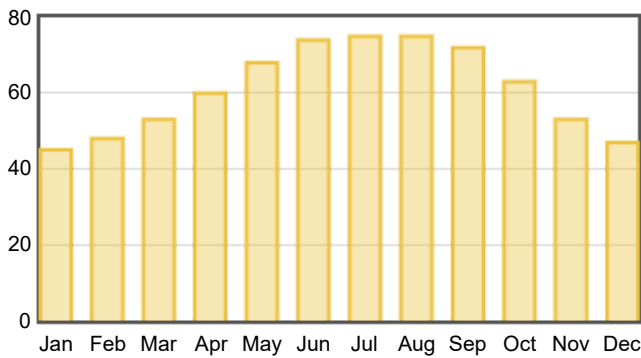
What's The Average High Temp in New Orleans?	78 °F
What's the Average Low in New Orleans?	61.1 °F
What's the Average Temperature in New Orleans?	69.55 °F
How Many Inches of Rain per year does New Orleans get ?	62.45 inches
How Many Rainy Days a year are there in New Orleans?	108 days
How Much Sunshine each year is there in New Orleans (in hours)?	2644 hours
How much, if any, snow falls each year in New Orleans?	N/A

N/A = This data was not available for this city. Usually this means the weather station did not supply, track, or have this particular information.

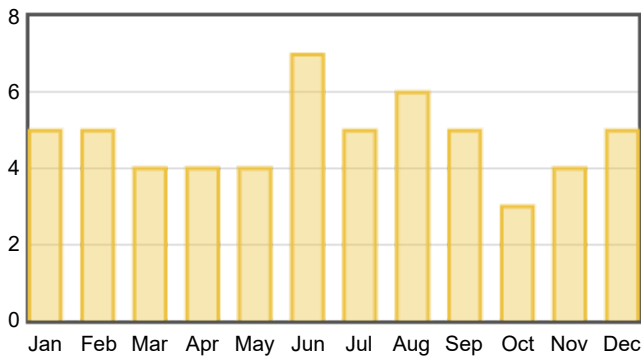
New Orleans Temperature and Rain Graphs



Average high in °F



Average low in °F



Average precipitation in inches

Andrew Harris

From: DCRT Section 106 <section106@crt.la.gov>
Sent: Tuesday, November 30, 2021 10:10 AM
To: Andrew Harris
Subject: RE: Sankofa Wetland Park

This serves as your notice that the SHPO received your submission. The National Historic Preservation Act allows the SHPO 30 days, from date of receipt, to process and respond to your request. Any submission received on a State holiday or after 5:00 pm Monday – Friday will be considered received the following business day.

We are no longer able to offer expedited reviews unless a previous legal agreement is in place and please allow two weeks from submission before project status inquiries are made. Thank you for your cooperation.

For inquiries on project status call (225) 342-8170 and ask for Section 106 staff.

Caution

This email was sent from someone outside of your organization. Please do not click links or open attachments unless you recognize the source of this email and know the content is safe.