



APPENDIX C
**CONCEPTUAL (10%) DESIGN SHEET
FOR PROJECT ALTERNATIVES**
CITY OF NEW ORLEANS: WEST END H&H DRAINAGE STUDY

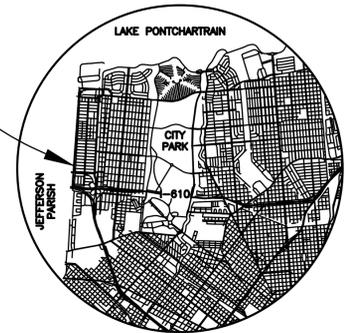
WEST END H&H STUDY	SHEET NO.
PROJECT ID: DPW725	1

INDEX TO PAVEMENT PLAN SHEETS

SHEET NO.	TITLE
1	TITLE SHEET
2	OVERALL SITE LAYOUT PLAN
3-6	ALT 1: FLEUR DE LIS PARK
7-8	ALT 2: CENTER STREET
9-10	ALT 3: DISPERSED INTERSECTIONS
11-15	ALT 4: BELLAIRE STREET
16-17	ALT 5: WEST HARRISON AVENUE
17	TOTAL SHEETS

CITY OF NEW ORLEANS
 STATE OF LOUISIANA
DEPARTMENT OF PUBLIC WORKS
 CAPITAL IMPROVEMENT PROGRAM
 PROJECT ID: DPW725
WEST END H&H STUDY
 CONCEPTUAL (10%) DESIGN PLANS
DIGITAL ENGINEERING & IMAGING, INC.

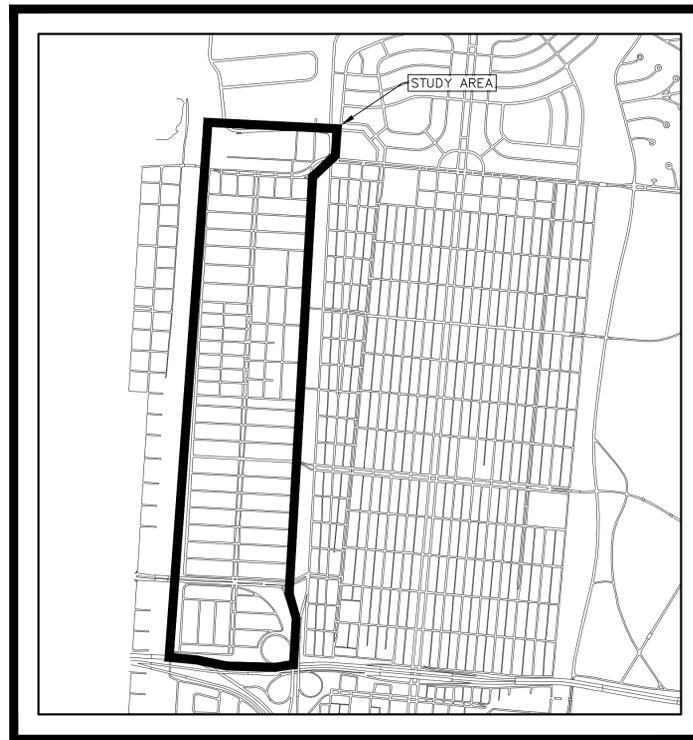
PROJECT ID: DPW725
WEST END H&H STUDY



VICINITY MAP
NTS

SCHEDULE OF REVISIONS

DATE	REVISION	DATE	REVISION	DATE	REVISION



LAYOUT MAP



**CONCEPTUAL
DRAWINGS**

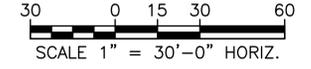


527 W. ESPLANADE AVE. - KENNER, LA 70065 - (504) 468-6129

SEPTEMBER 2024

NOTE:
THE DEPARTMENT OF PUBLIC WORKS GENERAL SPECIFICATIONS FOR STREET PAVING, LATEST EDITION, CITY OF NEW ORLEANS SHALL GOVERN ON THIS PROJECT EXCEPT AS AMENDED BY SPECIAL PROVISIONS AND/OR SUPPLEMENTAL SPECIFICATIONS.

CENTER ST.
(6400-6500 BLOCK)



LEGEND

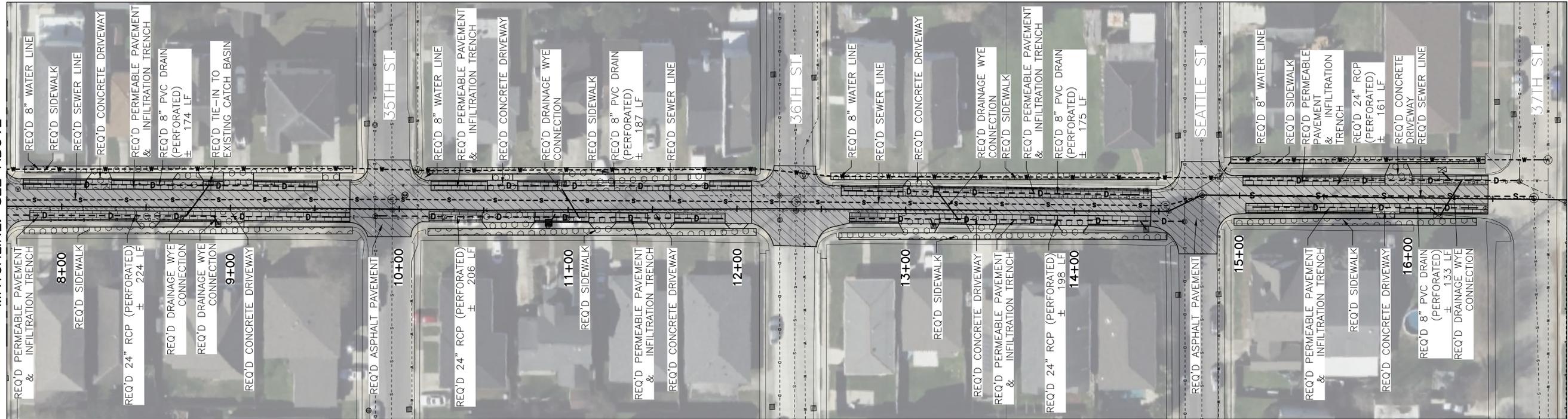
- REQUIRED PERMEABLE PAVEMENT & INFILTRATION TRENCH
- REQUIRED CONCRETE PAVEMENT
- REQUIRED SOD
- REQUIRED BIORETENTION FACILITY
- REQUIRED MODULAR SUBSURFACE RETENTION SYSTEM
- REQUIRED ASPHALT PAVEMENT
- REQUIRED MOUNTABLE CURB
- REQUIRED BARRIER CURB

NOTES:

1. ALL EXISTING DRAINAGE STRUCTURES AND LINES SHALL BE REMOVED.
2. ALL EXISTING SEWER LINES, STRUCTURES, SERVICE LINES SHALL BE REMOVED AND REPLACE.
3. ALL EXISTING WATER LINES, STRUCTURES, SERVICE LINES SHALL BE REMOVED, REPLACE, AND RELOCATED.
4. PROPOSED DESIGN TO BE USED FOR CONCEPTUAL PURPOSES ONLY

MATCHLINE: SEE BELOW

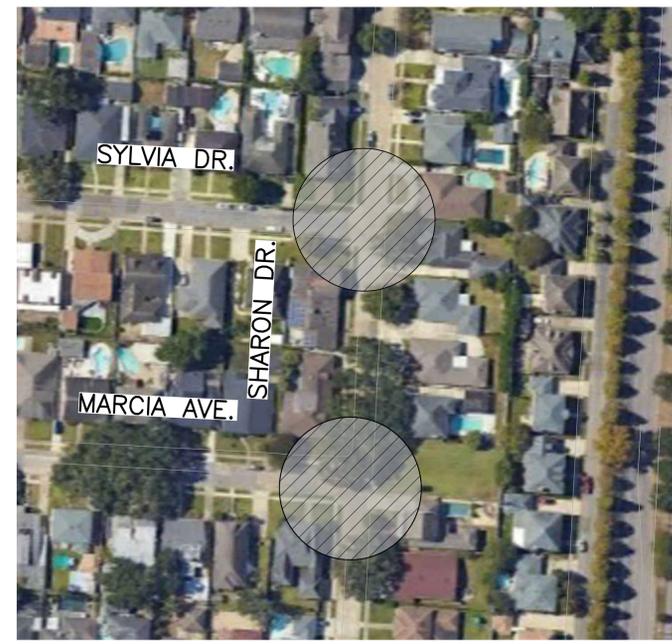
CENTER ST.
(6550-6600 BLOCK)



MATCHLINE: SEE ABOVE

SHEET NUMBER 7	
CITY OF NEW ORLEANS, LOUISIANA DEPARTMENT OF PUBLIC WORKS PROJECT ID: DPW725 WEST END H&H STUDY CONCEPTUAL (10%) DESIGN PLANS ALTERNATIVE 2 - PLAN	WINGATE ENGINEERS, LLC 2378 PRENTISS AVE., NEW ORLEANS, LA 70122 DESIGNED: TL CHECKED: JT SCALE: AS SHOWN DATE: AUGUST 2024 SHEET: 7
DESIGNED: TL CHECKED: JT SCALE: AS SHOWN DATE: AUGUST 2024 SHEET: 7	NO. DATE REVISION DESCRIPTION BY

SHARON DRIVE & SYLVIA DRIVE
SHARON DRIVE & MARCIA AVENUE



BELLAIRE DRIVE



DISPERSE GREEN INFRASTRUCTURE IMPROVEMENTS

SCALE: 1:100

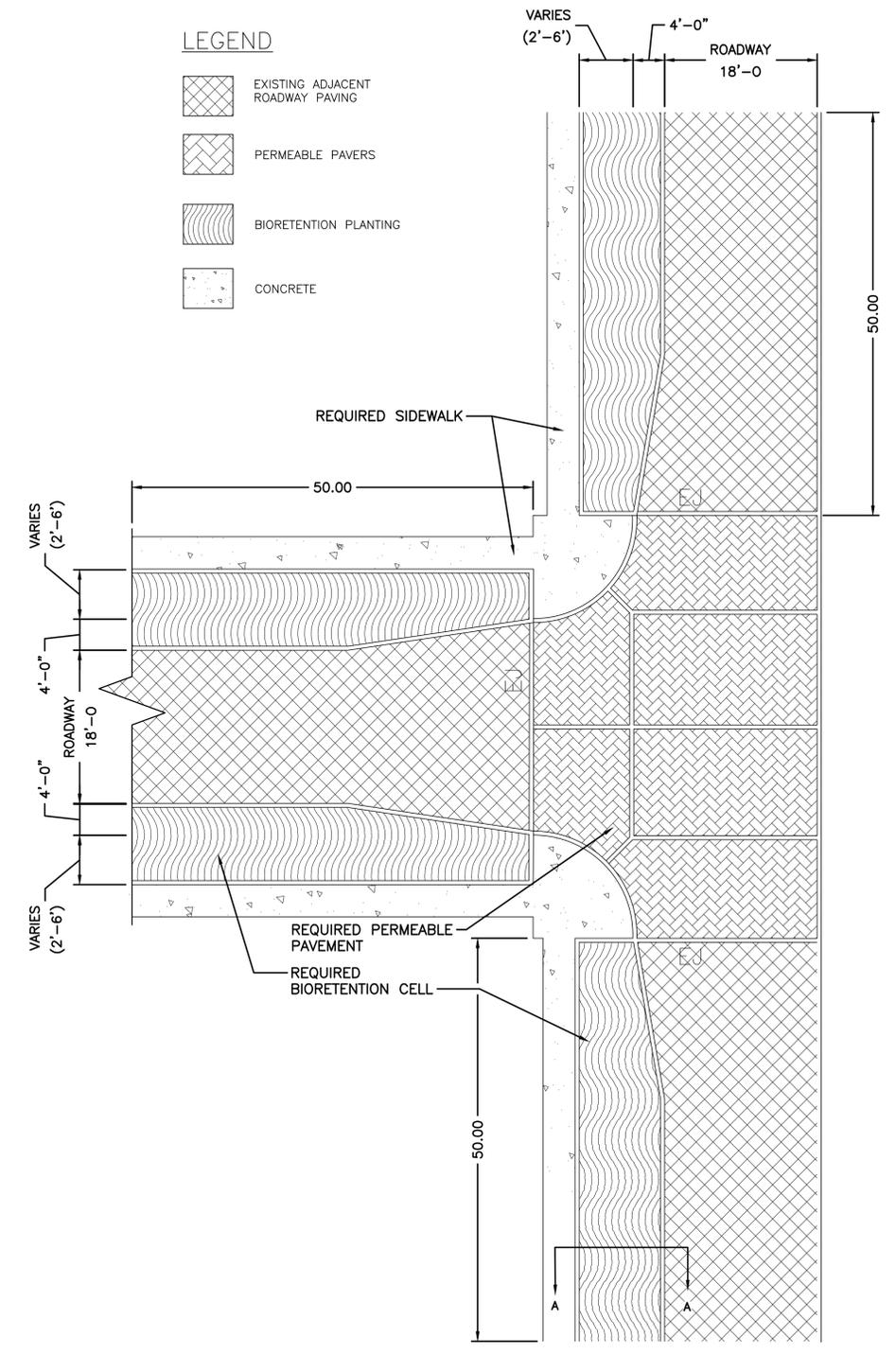
NOTE:

1. SEE SHEET L10 FOR TYPICAL SECTION OF GI INTERSECTION SECTION A-A



LEGEND

-  EXISTING ADJACENT ROADWAY PAVING
-  PERMEABLE PAVERS
-  BIORETENTION PLANTING
-  CONCRETE



TYPICAL 3-WAY GI INTERSECTION

SCALE: 1:10

SHEET NUMBER		L9	
NO.	DATE	REVISION	DESCRIPTION
		SCALE AS NOTED	DATE SEPTEMBER 2024
500 CRYSTAL STREET NEW ORLEANS, LA 70124 WWW.BATTURE-ENG.COM		DESIGNED PIS CHECKED CLS	DATE SEPTEMBER 2024
		CHECKED PIS CHECKED CLS	SHEET
CITY OF NEW ORLEANS, LOUISIANA DEPARTMENT OF PUBLIC WORKS PROJECT ID: DPW725 WEST END H&H STUDY CONCEPTUAL (10%) DESIGN PLANS ALTERNATIVE 3 - PLAN			
PRELIMINARY <small>THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, COVENANCE, SALES OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT</small> LAUREN R. WILLIAMS PROFESSIONAL LANDSCAPE ARCHITECT LIC. NO. 266, JUL 2022			
			

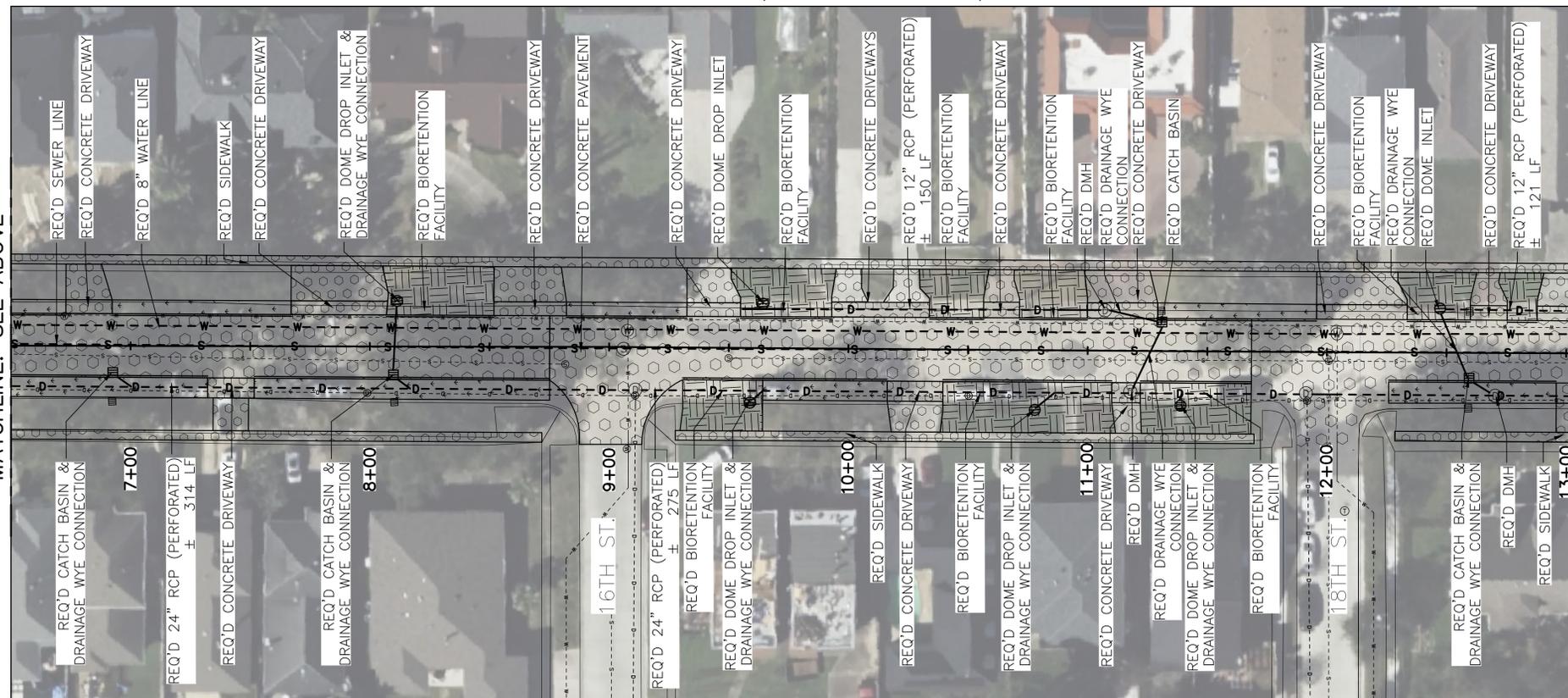
g:\shantel-targets-by-d\0by-gwastqb-cd\p\dm\25\wcc\batture\proj\digital engineering - 080\080-004 - west end h&h\landscape\drafting

BELLAIRE DR.
(6000-6100 BLOCK)

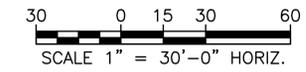


MATCHLINE: SEE BELOW

BELLAIRE DR.
(6100-6200 BLOCK)



MATCHLINE: STA. 13+07.20
SEE SHEET 12

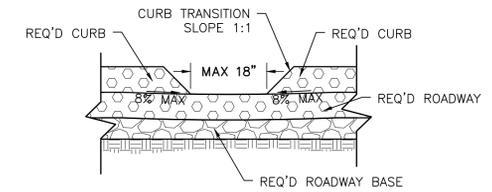


LEGEND

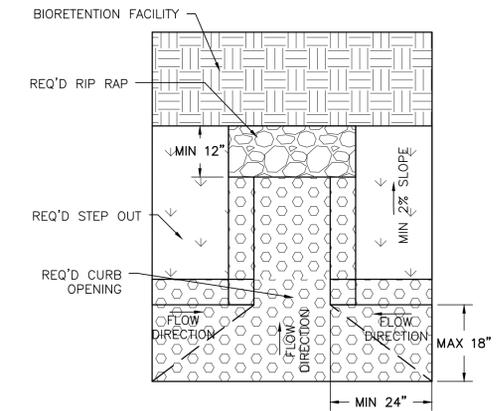
- REQUIRED PERMEABLE PAVEMENT & INFILTRATION TRENCH
- REQUIRED CONCRETE PAVEMENT
- REQUIRED SOD
- REQUIRED BIORETENTION FACILITY
- REQUIRED MODULAR SUBSURFACE RETENTION SYSTEM
- REQUIRED ASPHALT PAVEMENT
- REQUIRED MOUNTABLE CURB
- REQUIRED BARRIER CURB

NOTES:

1. ALL EXISTING DRAINAGE STRUCTURES AND LINES SHALL BE REMOVED.
2. ALL EXISTING SEWER LINES, STRUCTURES, SERVICE LINES SHALL BE REMOVED AND REPLACE.
3. ALL EXISTING WATER LINES, STRUCTURES, SERVICE LINES SHALL BE REMOVED, REPLACE, AND RELOCATED.
4. PROPOSED DESIGN TO BE USED FOR CONCEPTUAL PURPOSES ONLY.
5. FURTHER INVESTIGATION OF EXISTING OAK TREES WITHIN THE PUBLIC ROW IS NECESSARY TO DETERMINE THE CONDITION OF OAK TREES AND IF OAK TREES NEED TO BE REMOVED AND/OR REPLACED.
6. SEE SHEET L14 FOR LANDSCAPING DETAILS.



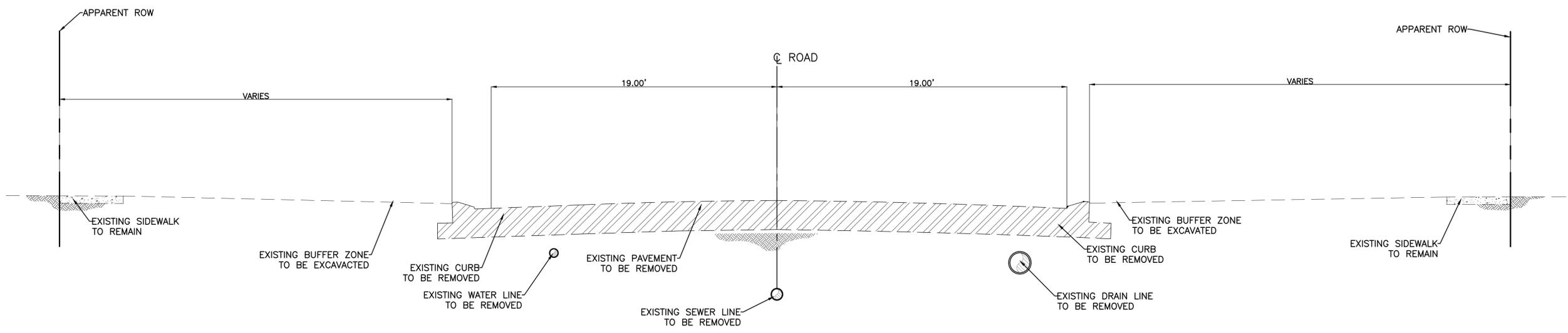
CURB OPENING TO BIORETENTION CELL
(ELEVATION)
NTS



CURB OPENING TO BIORETENTION CELL
(PLAN)
NTS

MATCHLINE: SEE ABOVE

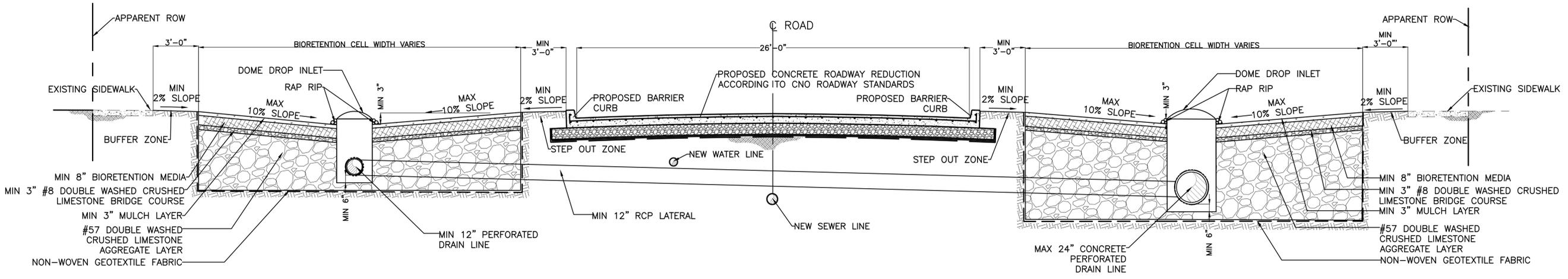
SHEET NUMBER		11	
DESIGNED	TL	SCALE	AS SHOWN
CHECKED	JT	DATE	AUGUST 2024
DATE	NO.	DATE	BY
wingate.			
WINGATE ENGINEERS, LLC 2378 PRENTISS AVE., NEW ORLEANS LA 70122			
CITY OF NEW ORLEANS, LOUISIANA DEPARTMENT OF PUBLIC WORKS PROJECT ID: DPW725 WEST END H&H STUDY CONCEPTUAL (10%) DESIGN PLANS ALTERNATIVE 4 - PLAN	 		



EXISTING TYPICAL SECTION FOR BELLAIRE AVE

NTS

- NOTES:
1. ALL EXISTING UTILITIES LOCATIONS AND INVERTS ARE ESTIMATED USING LIDAR DATA.
 2. TYPICAL SECTION DETAILS ARE FOR CONCEPTUAL PURPOSES ONLY.
 3. TYPICAL SECTION ARE NORTHBOUND.
 4. SEE LANDSCAPING SHEET L15 TYPICAL SECTION FOR BIORETENTION CELLS WITH TREES. THE PROPOSED TYPICAL SECTION IS FOR BIORETENTION PLANTING ONLY.



PROPOSED TYPICAL SECTION FOR BELLAIRE AVE

NTS

SHEET NUMBER		
13		

NO.	DATE	REVISION DESCRIPTION	BY



WINGATE ENGINEERS, LLC 2378 PRENTISS AVE., NEW ORLEANS, LA 70122		SCALE	AS SHOWN
DESIGNED	TL	DATE	AUGUST 2024
CHECKED	LB	SHEET	13



CITY OF NEW ORLEANS, LOUISIANA DEPARTMENT OF PUBLIC WORKS
PROJECT ID: DPW725
WEST END H&H STUDY
CONCEPTUAL (10%) DESIGN PLANS
ALTERNATIVE 4 - TYPICAL ROADWAY SECTIONS



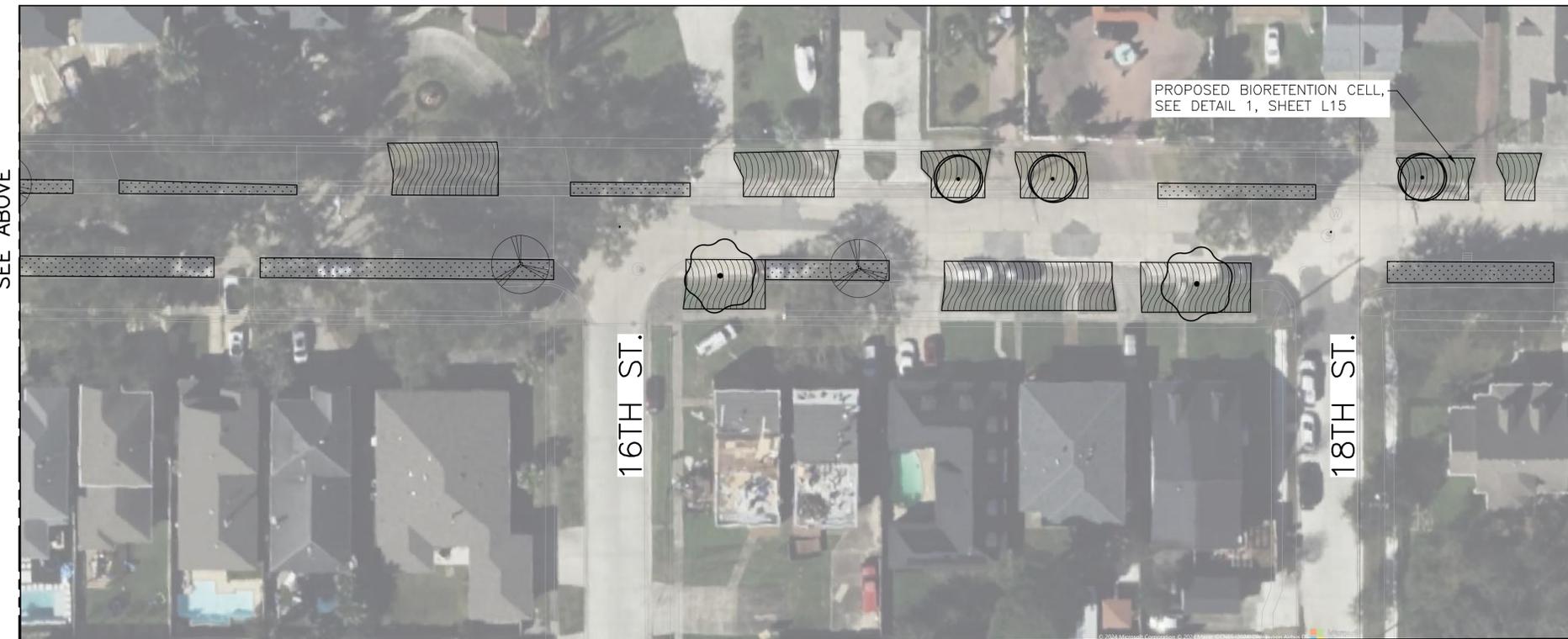
DWG PATH: C:\Users\jtorres\AppData\Local\Temp\Asp\jtorres_27128\...
 DWG NAME: DPW725_WEST END H&H STUDY_TYP_SECTION_LAYOUT TAB: 13
 PLOT DATE: Thursday, August 22, 2024 @ 4:16pm

BELLAIRE DR.
(6000-6100 BLOCK)



PLANTING PLAN
SCALE: 1:30

BELLAIRE DR.
(6200-6300 BLOCK)



PLANTING PLAN
SCALE: 1:30



PLANTING LEGEND

-  GRASS
-  BIORETENTION PLANTING, SEE DETAIL SHEET L15
-  SMALL TREE
-  LARGE TREE
-  EXISTING TREE

SHEET NUMBER
L14

NO.	DATE	REVISION DESCRIPTION	BY



500 CRYSTAL STREET
NEW ORLEANS, LA 70124
WWW.BATTURE-ENG.COM

DESIGNED PIS	SCALE	AS NOTED	DATE	SEPTEMBER 2024
CHECKED CLS	DATE	SHEET		



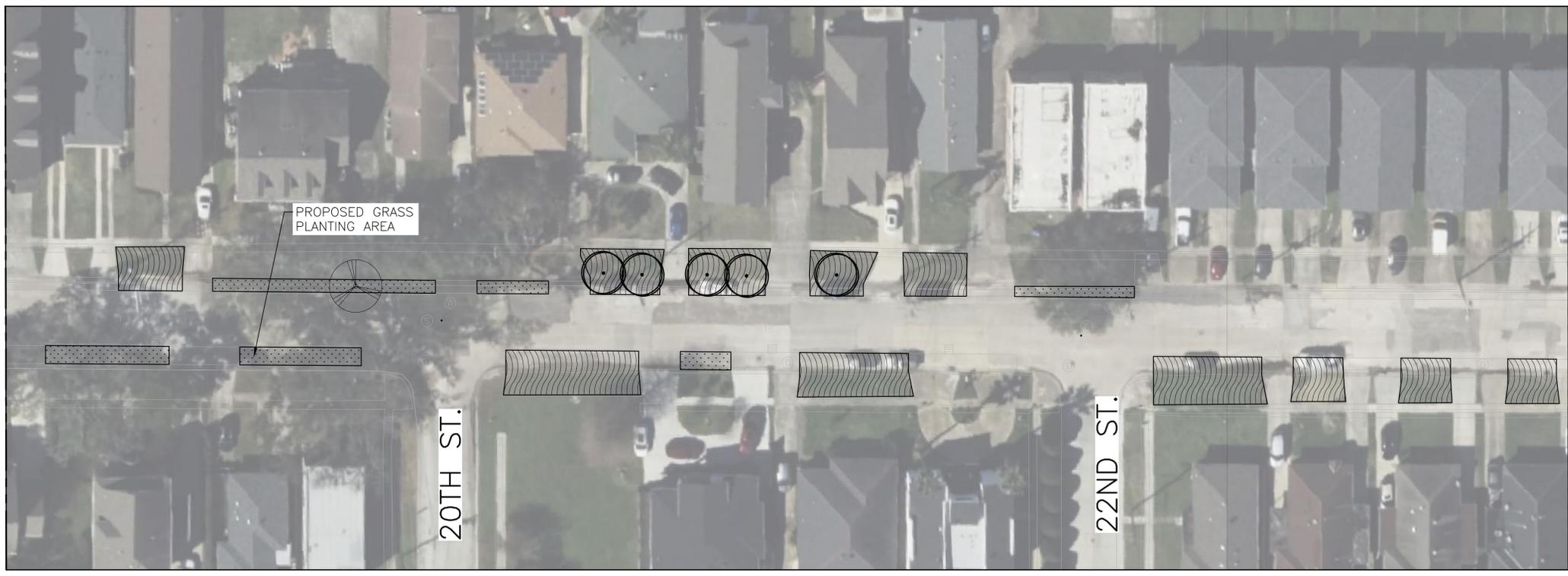
CITY OF NEW ORLEANS, LOUISIANA DEPARTMENT OF PUBLIC WORKS
PROJECT ID: DPW725
WEST END H&H STUDY
CONCEPTUAL (10%) DESIGN PLANS
ALT 4: LANDSCAPE ARCHITECTURE



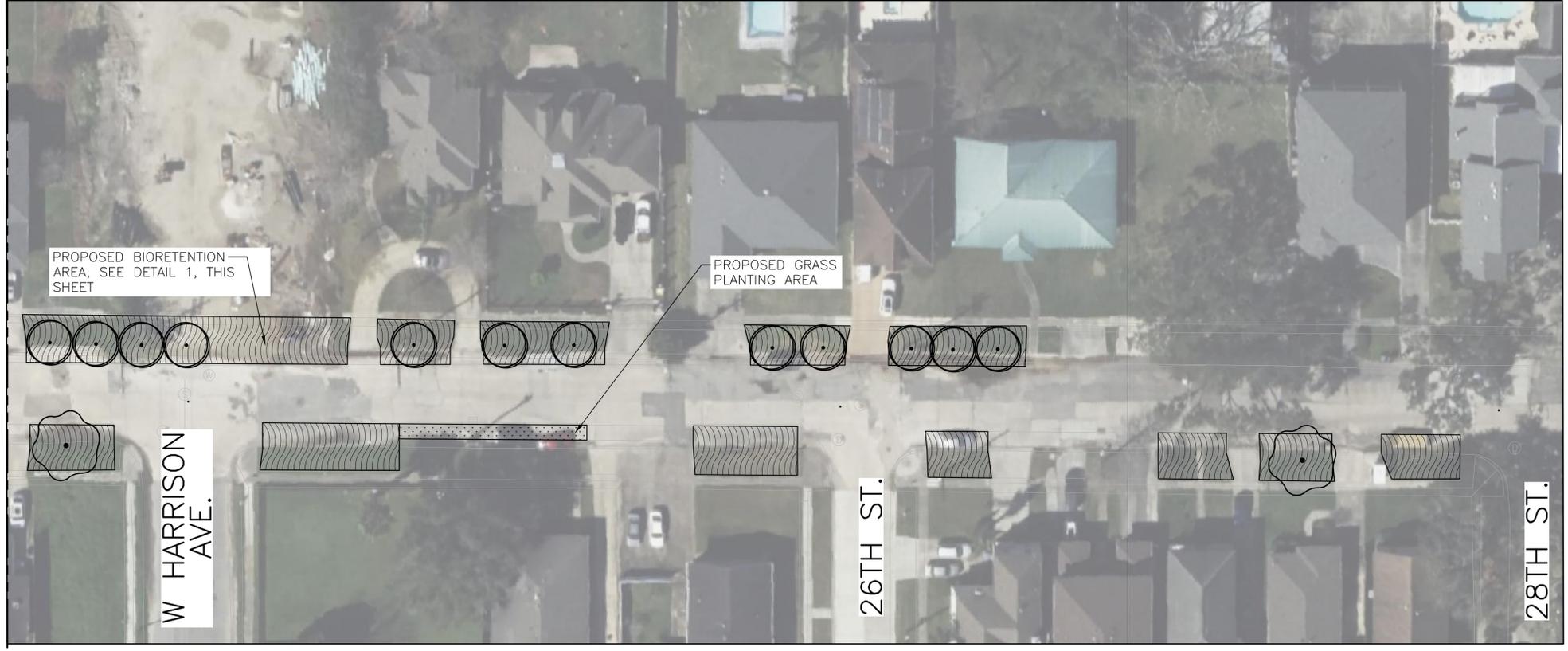
PRELIMINARY
THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONTRACTS, SALES OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT
LAUREN R. WILLIAMS
PROFESSIONAL LANDSCAPE ARCHITECT
LIC. NO. 266, JUL 2022

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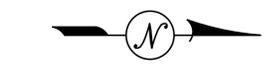
BELLAIRE DR.
(6300-6500 BLOCK)



BELLAIRE DR.
(6300-6500 BLOCK)



PLANTING PLAN
SCALE: 1:30



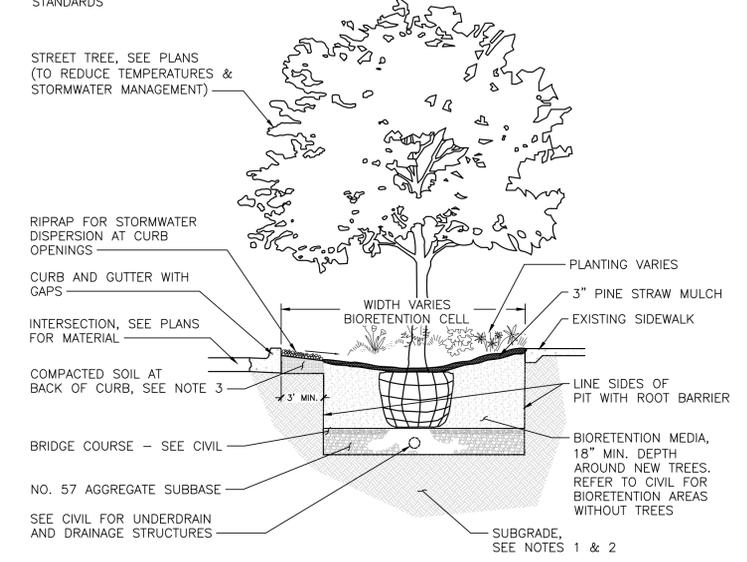
PLANTING LEGEND

-  GRASS
-  BIORETENTION PLANTING
SEE DETAIL ON THIS SHEET
-  SMALL TREE
-  LARGE TREE
-  EXISTING TREE

SEE BELOW

NOTES:

1. DO NOT COMPACT EXISTING SUBGRADE BELOW RAIN GARDEN.
2. SCARIFY SUBGRADE TO A DEPTH OF 3 INCHES (MIN.) IMMEDIATELY PRIOR TO BACKFILLING WITH AGGREGATE SUBBASE AND BIORETENTION MEDIA.
3. COMPACT BACKFILL IMMEDIATELY BEHIND CURB TO 90% OF MAXIMUM DENSITY PER STANDARD PROCTOR TEST (ASTM D698).
4. UNDERDRAIN REQUIRED AS INDICATED ON PLANS IN ACCORDANCE WITH SPECIFICATIONS.
5. FOR FACILITIES WITH UNDERDRAINS, PROVIDE CLEANOUTS PER S&WB OF N.O. STANDARDS



TYPICAL BIORETENTION DETAIL
NOT TO SCALE

PRELIMINARY
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LAUREN R. WILLIAMS
PROFESSIONAL
LANDSCAPE ARCHITECT
LIC. NO. 266, JUL 2022

SEE SHEET L15

SEE ABOVE

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SHEET NUMBER		L15	
DESIGNED PIS	SCALE	AS NOTED	DATE
CHECKED PIS	DESIGNED PIS	CHECKED PIS	DATE
DETAILED PIS	CHECKED PIS	DETAILED PIS	DATE
NO.		DATE	REVISION DESCRIPTION
BY		DATE	REVISION DESCRIPTION

wingate.

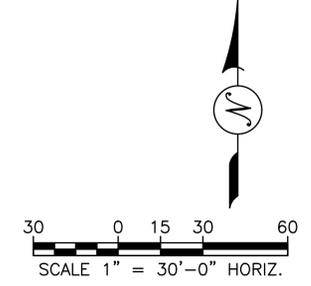
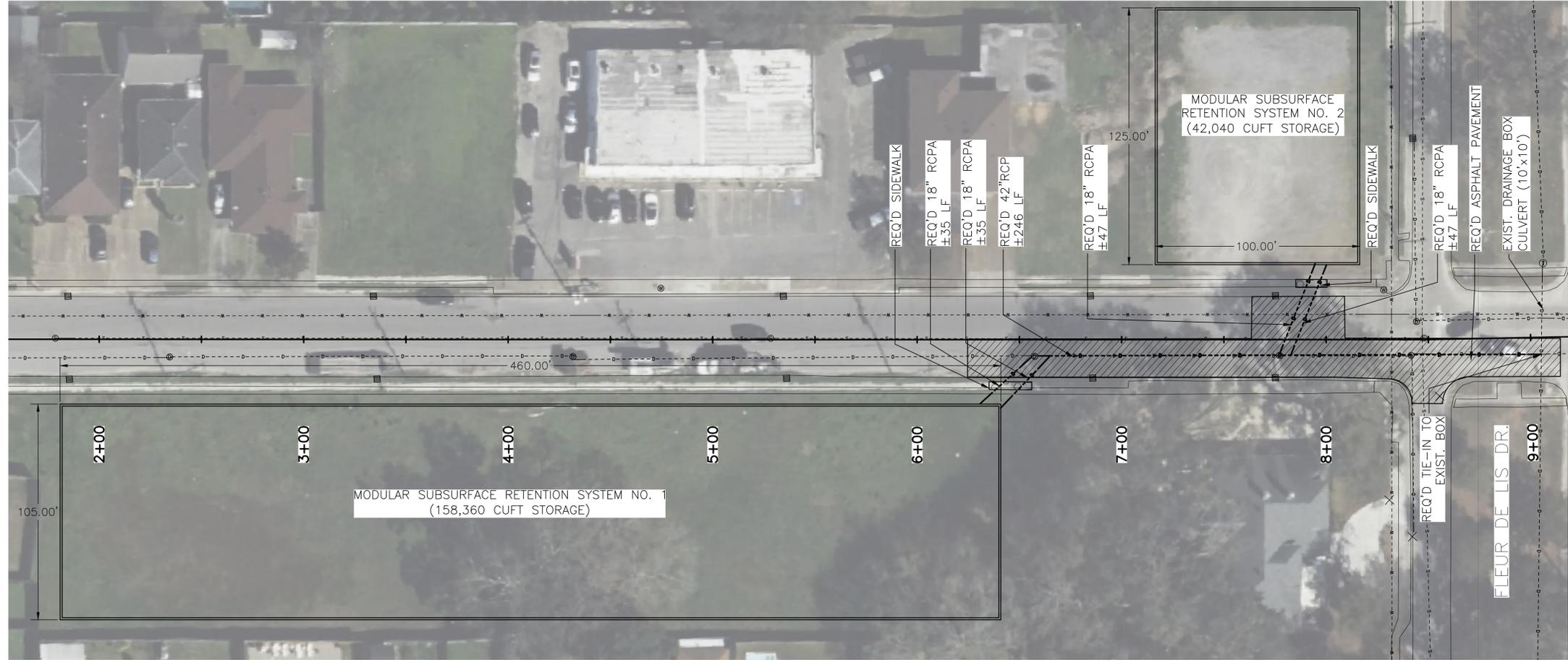
500 CRYSTAL STREET
NEW ORLEANS, LA 70124
WWW.BATTURE-ENG.COM

BATTURE LLC
LANDSCAPE ARCHITECTURE & URBAN PLANNING

CITY OF NEW ORLEANS
DEPARTMENT OF PUBLIC WORKS
PROJECT ID: DPW725
WEST END H&H STUDY
CONCEPTUAL (10%) DESIGN PLANS
ALT 4: LANDSCAPE ARCHITECTURE



WEST HARRISON AVE.
(300-400 BLOCK)



LEGEND

	REQUIRED PERMEABLE PAVEMENT & INFILTRATION TRENCH
	REQUIRED CONCRETE PAVEMENT
	REQUIRED SOD
	REQUIRED BIORETENTION FACILITY
	REQUIRED MODULAR SUBSURFACE RETENTION SYSTEM
	REQUIRED ASPHALT PAVEMENT
	REQUIRED MOUNTABLE CURB
	REQUIRED BARRIER CURB

- NOTES:**
1. PROPOSED MODULAR SUBSURFACE RETENTION SYSTEMS SHOWN ON THIS PLAN SHEET ARE PROPOSED ON EMPTY UNUSED PROPERTIES THAT ARE CURRENTLY NOT OWNED AND MAINTAINED BY CITY OF NEW ORLEANS. PROPOSED ALTERNATIVES IN THIS PLAN SUBMITTAL ARE CONCEPTUAL ALTERNATIVES.
 2. APPROX. 3 TREES ARE POTENTIALLY WITHIN THE LIMITS OF PROPOSED CONCEPTUAL SUBSURFACE RETENTION SYSTEM AND MAY NEED TO BE REMOVED AND/OR RELOCATED. FURTHER INVESTIGATION IS NECESSARY TO DETERMINE THE CONDITION OF OAK TREES AND IF OAK TREES NEED TO BE REMOVED AND/OR RELOCATED.

SHEET NUMBER		16	
		NO.	BY
		DATE	REVISION DESCRIPTION
wingate.			
2378 PRENTISS AVE., NEW ORLEANS LA 70122		SCALE	AS SHOWN
DESIGNED	TL	DATE	AUGUST 2024
CHECKED	JT	SHEET	16
DESIGNED	TL	DATE	AUGUST 2024
CHECKED	KG	SHEET	16
CITY OF NEW ORLEANS, LOUISIANA DEPARTMENT OF PUBLIC WORKS PROJECT ID: DPW725 WEST END H&H STUDY CONCEPTUAL (10%) DESIGN PLANS ALTERNATIVE 5 - PLAN			

