Reinventing the Crescent Mandeville Crossing

New Orleans, Louisiana

Eskew + Dumez + Ripple | Executive Architects

Hargreaves Associates | Lead Design Landscape Architects

New Orleans Building Corporation | Owner/ Representative

State OCD Project #ILTR-00039-01

11 APRIL 2013



Drawing Title: COVER SHEET

PROJECT DIRECTORY

PROJECT MANAGER NEW ORLEANS BUILDING CORPORATION

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LOCATION MAP

<u>SURVEYOR</u>

GEOTECHNICAL ENGINEERS ASSOCIATE LANDSCAPE ARCHITECT EUSTIS ENGINEERING COMPANY, INC. 3011 28TH STREET METAIRIE, LA 70002 TEL: (504) 834-0157 FAX: (504) 834-0354 JAMES HANCE

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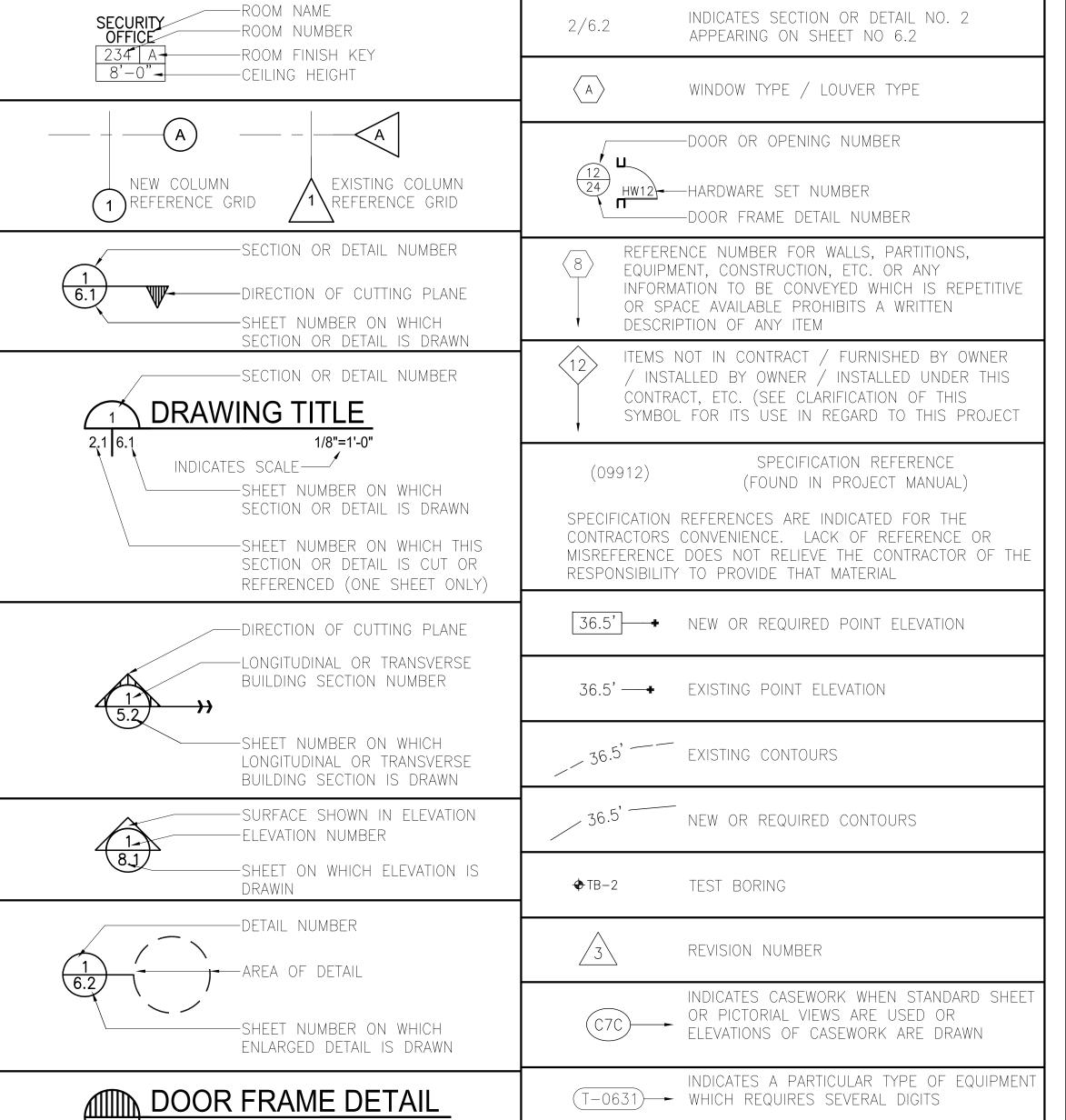
KENNER, LA 70062

DESIGN DIRECTOR/SENIOR PRINCIPAL

118 MAGAZINE ST.

<u>LEAD DESIGN</u>

DRAFTING SYMBOLS



3"=1'-0"

— DOOR FRAME DETAIL NUMBER

PROJECT

MISSISSIPPI RIVER

INDEX TO DRAWINGS

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6.1 BRIDGE DETAILS 6.2 BRIDGE DETAILS

7.1 STAIR ENLARGED PLANS 7.2 STAIR DETAILS

7.3 STAIR DETAILS 7.4 ENLARGED ELEVATOR PLANS 7.5 CROSS SECTION— ELEVATOR 7.6 ELEVATOR DETAILS

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L2.10 GRADING L3.10 MATERIAL FURNISHING L4,10 PLANTING

L7.10 GRADING DETAILS L7.20 MATERIAL FURNISHING DETAILS L7.50 PLANT DETAILS

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S3.3 SECTIONS AND DETAILS E1.01 SITE PLAN- LIGHTING E1.02 FLOOR PLAN- POWER AND LIGHTING

TOTAL NUMBER OF SHEETS: 34 SHEETS

E1.03 FLOOR PLAN- POWER AND LIGHTING

E2.01 ELECTRICAL SCHEDULES AND DETAILS

MATERIALS

CONCRETE CONCRETE MASONRY UNITS BRICK

16 INDICATES FOOD SERVICE EQUIPMENT

PLASTER INSULATION (RIGID) SOIL, EARTH METAL

WOOD (ROUGH) WOOD (FINISH) SLATE, FLAGSTONE MARBLE

RESILIENT MATERIAL ACOUSTICAL TILE OR PANELS GLASS IN ELEVATION METAL IN ELEVATION

PROJECT INFORMATION

PROJECT LOCATION

GLASS

INSULATION

NEW ORLEANS RIVERFRONT AT NORTH PETERS STREET, FROM THE BASE OF ELYSIAN FIELDS AVENUE AND ESPLANADE AVENUE, TO THE BASE OF MARIGNY STREET, ON THE LANSIDE OF THE FLOODWALL, AND AT THE MANDEVILLE WHARF SHED ON THE RIVERSIDE OF THE FLOODWALL

PROJECT DESCRIPTION

THE WORK INCLUDES, BUT IS NOT NECESSARILY LIMITED TO A PRE-MANUFACTURED STEEL PEDESTRIAN BRIDGE, WITH STAIR AND ELEVATOR ACCESS AT BOTH SIDES OF THE BRIDGE, INTENDED TO TRAVERSE THE EXISTING FLOODWALL AND RAIL CORRIDOR, AND SITE DEVELOPMENT CONSISTING OF EARTHWORK, SITE PAVING, SITE IRRIGATION, LANDSCAPING, SITE LIGHTING, ELECTRICAL SERVICES AND TELECOMMUNICATIONS.

1,511 SF

1,230 SF

BUILDING AREA BRIDGE

STAIRS ELEVATORS AND LANDINGS TOTAL AREA:

280 SF 3,021 SF MAJOR APPLICABLE CODES AND REGULATIONS (NOT LIMITED TO THE FOLLOWING):

NFPA LIFE SAFETY CODE, 2006 EDITION

AMERICANS WITH DISABILITIES ACT (ADA), DECEMBER 1991

ZONING CLASSIFICATION

HMLI - HISTORIC MARIGNY/TREME LIGHT INDUSTRIAL

CONSISTENT WITH THE REQUIREMENTS OF THE GENERAL CONDITIONS, THE CONTRACTOR SHALL COORDINATE AND CROSS-REFERENCE THE WORK REQUIRED BY THIS SECTION WITH THE WORK REQUIRED BY ALL OF THE CONTRACT DOCUMENTS, INCLUDING, WITHOUT LIMITATION, THE WORK REQUIRED BY THE HAZARDOUS ABATEMENT MANUAL OF THE PROJECT.

ALL OF THE SYMBOLS APPEARING ON THIS SHEET MAY NOT NECESSARILY BE USED ON THIS PROJECT. FOR ADDITIONS TO AND/OR DEVIATIONS FROM THESE STANDARDS. REFER TO THE APPLICABLE DISCIPLINE'S WORK THROUGHOUT THE SET OF

THESE DRAWINGS AND PROJECT MANUAL HAVE BEEN REVIEWED BY OUR OFFICE AND, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THEY COMPLY WITH ALL CITY REQUIREMENTS. WE SHALL OBSERVE THE WORK.



LICENSE NO. 1848

` REG. NO. 1848 `

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Date:

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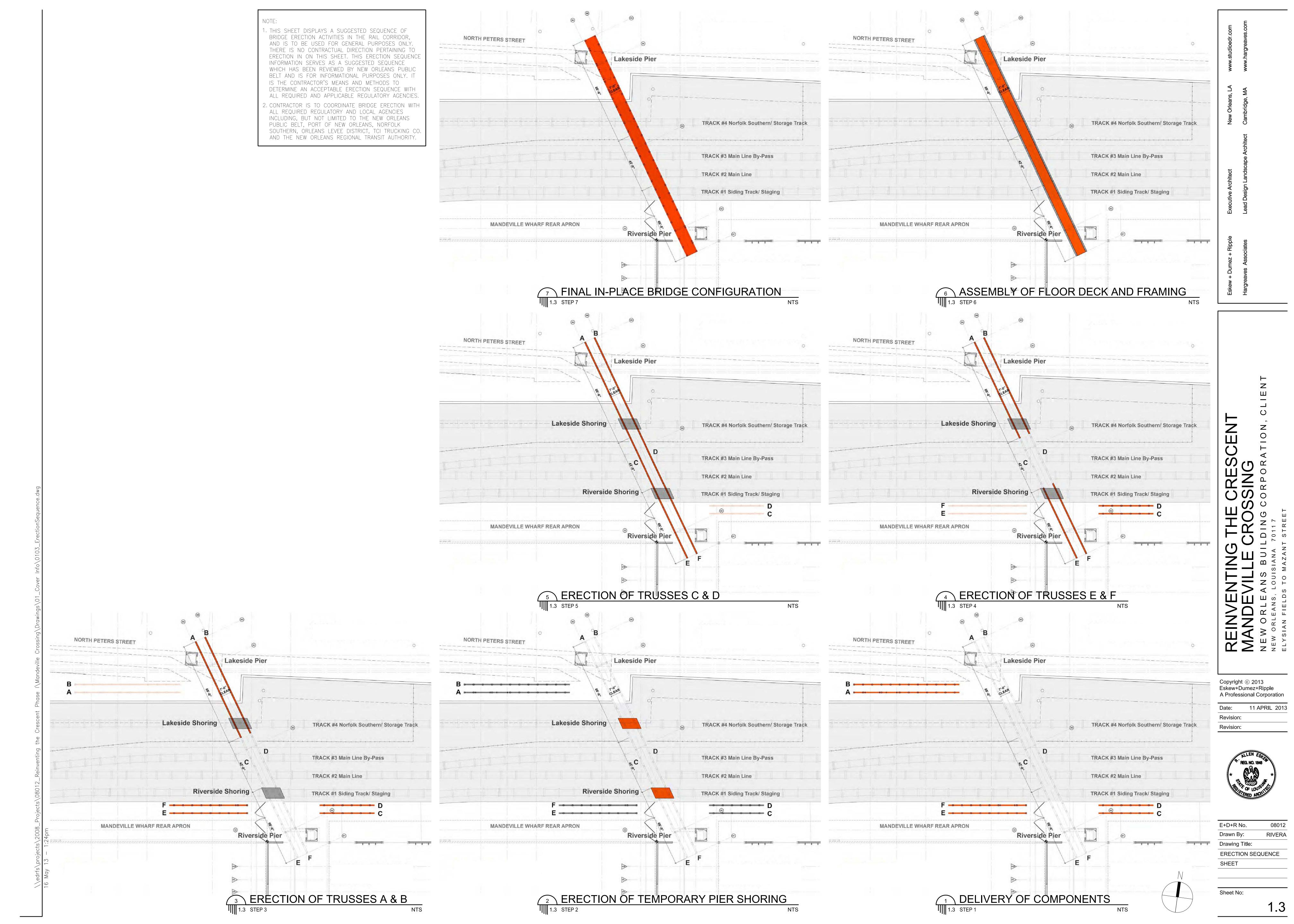
Eskew+Dumez+Ripple

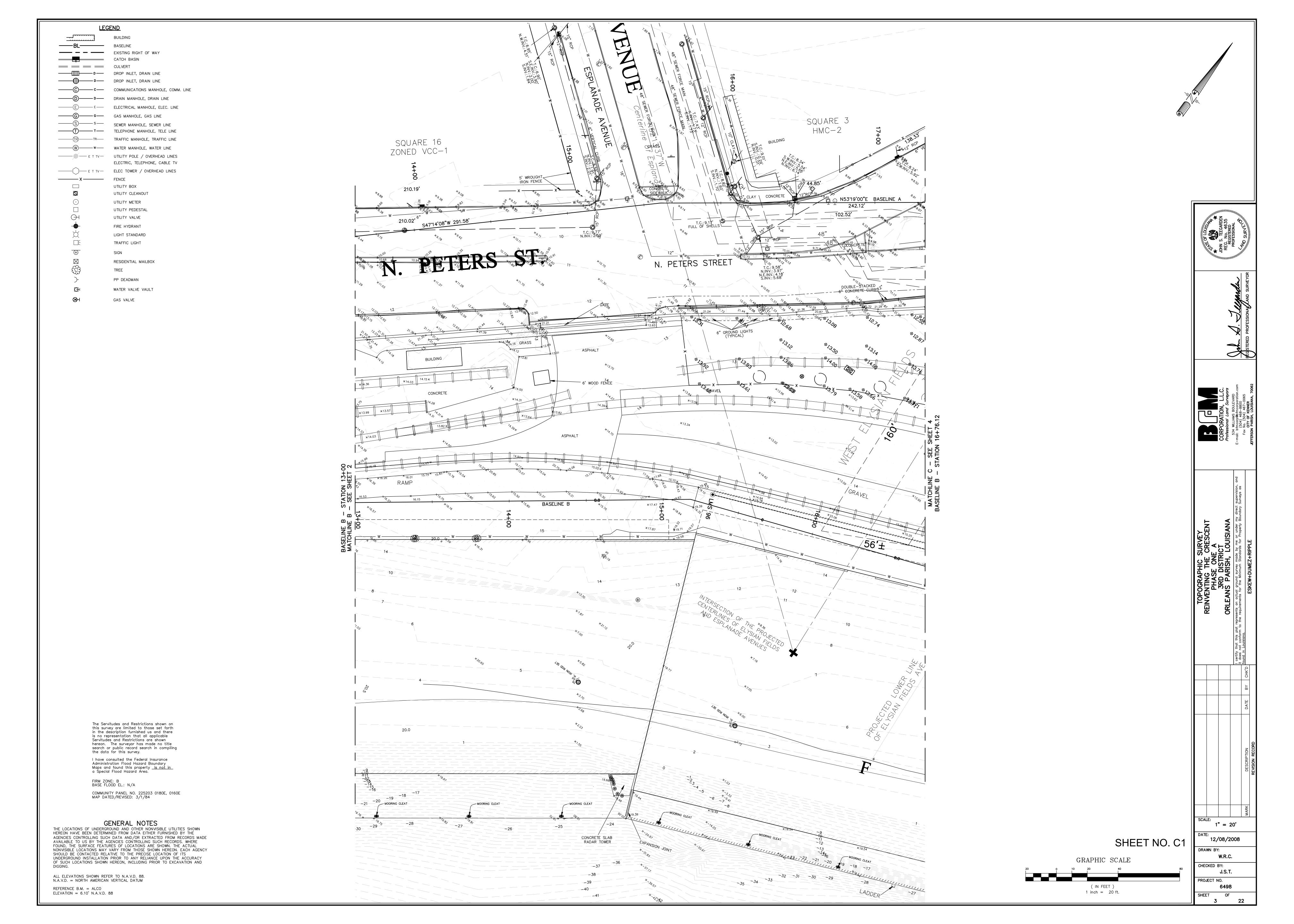
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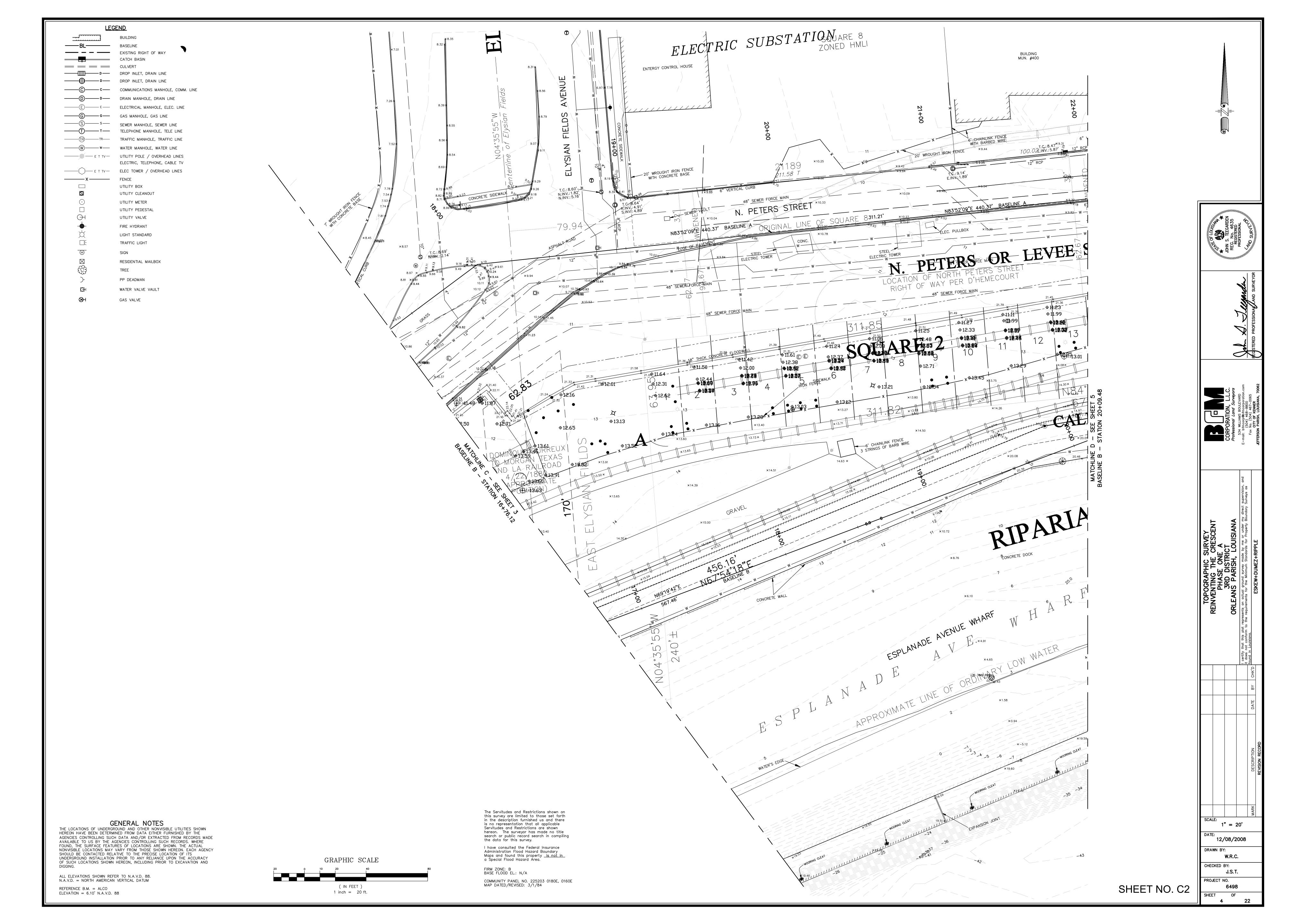
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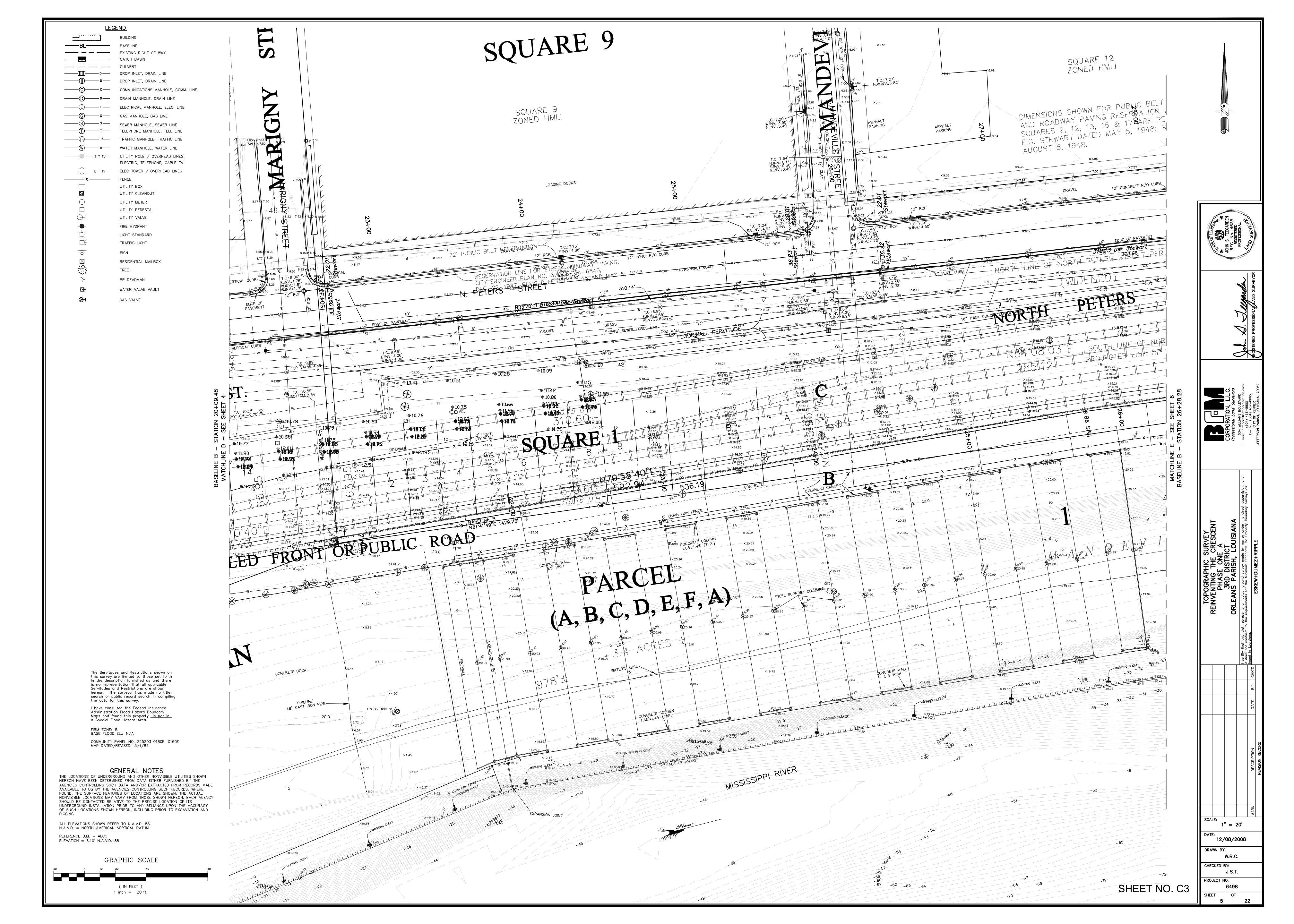
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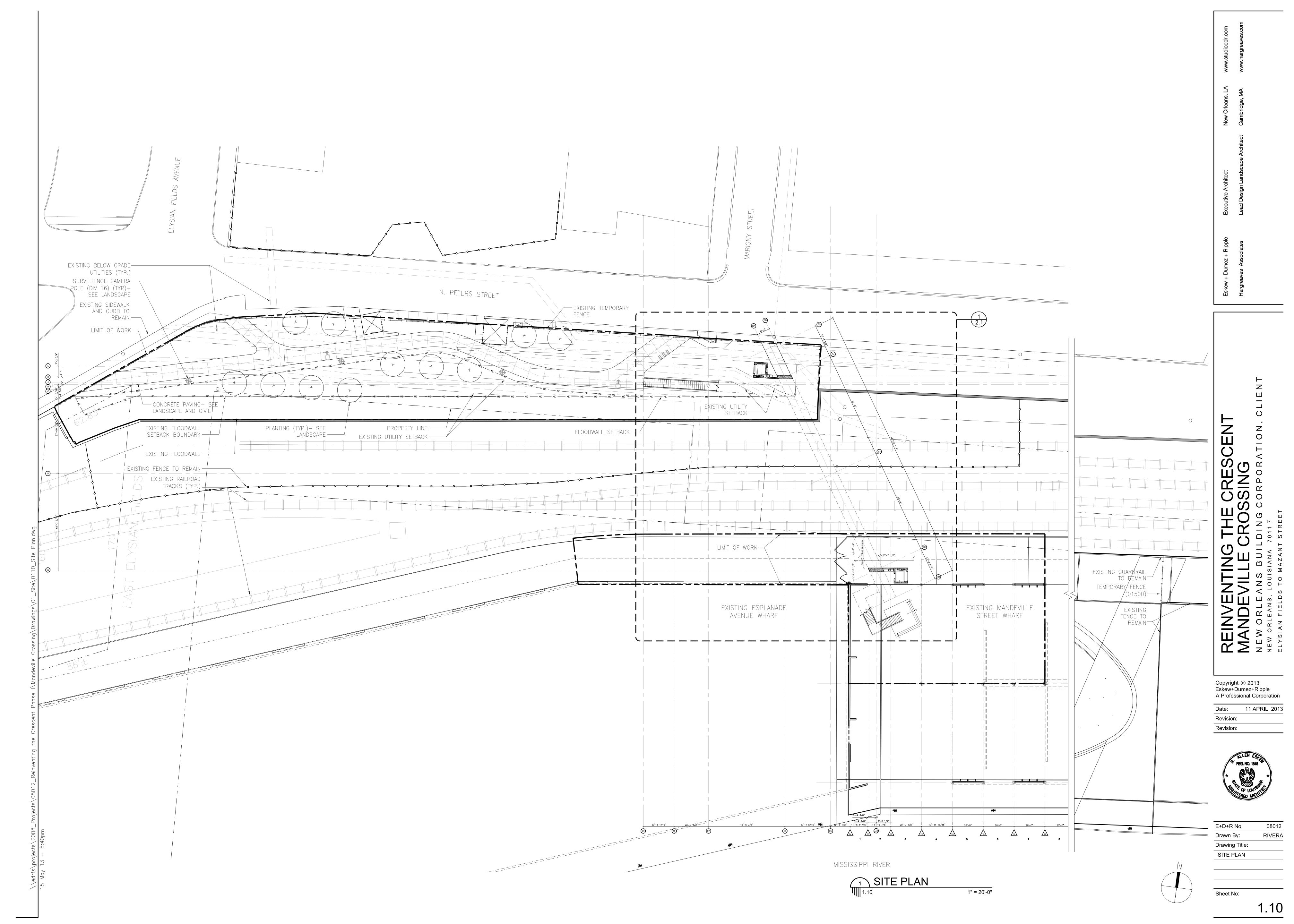
08012 RIVERA

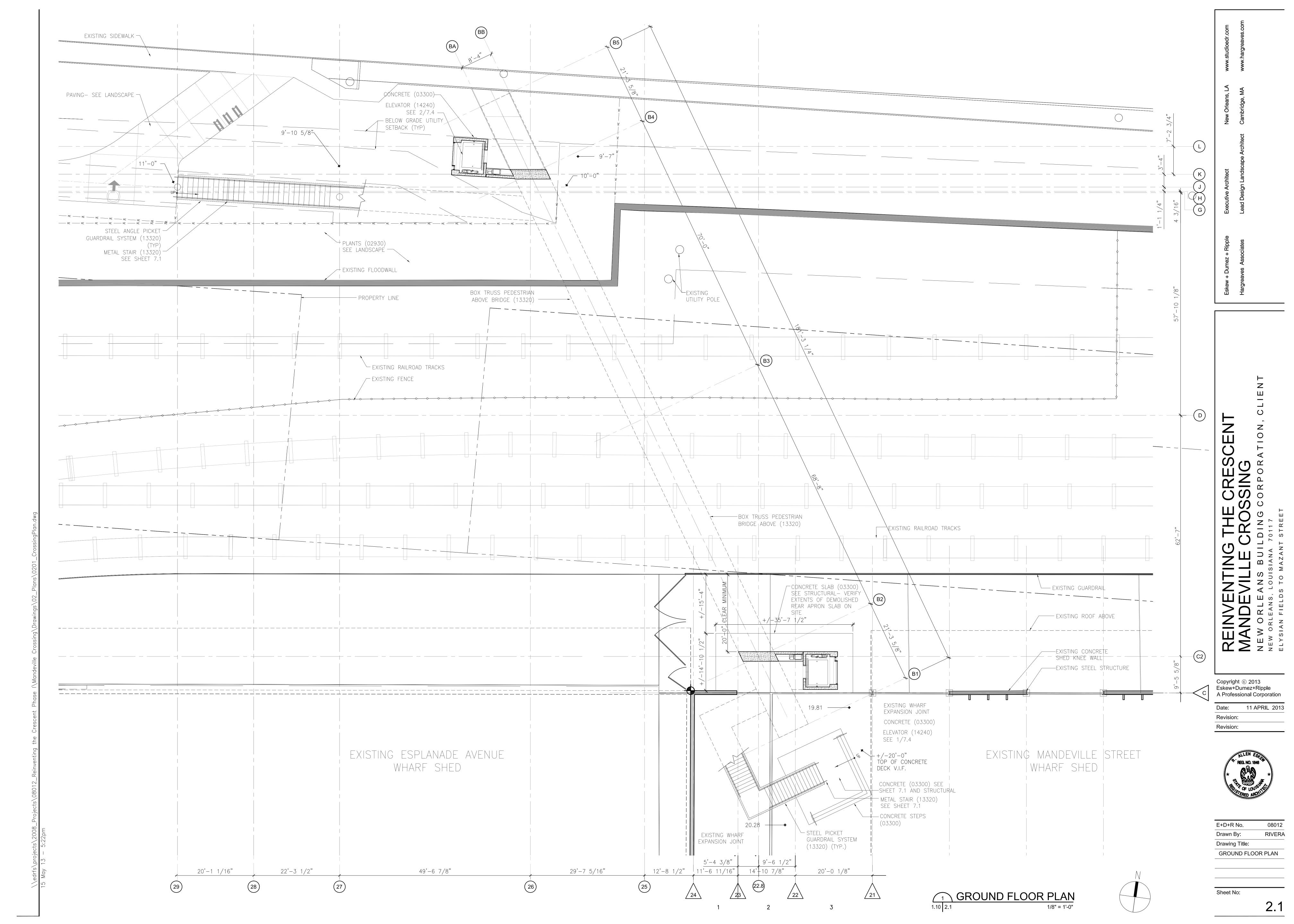


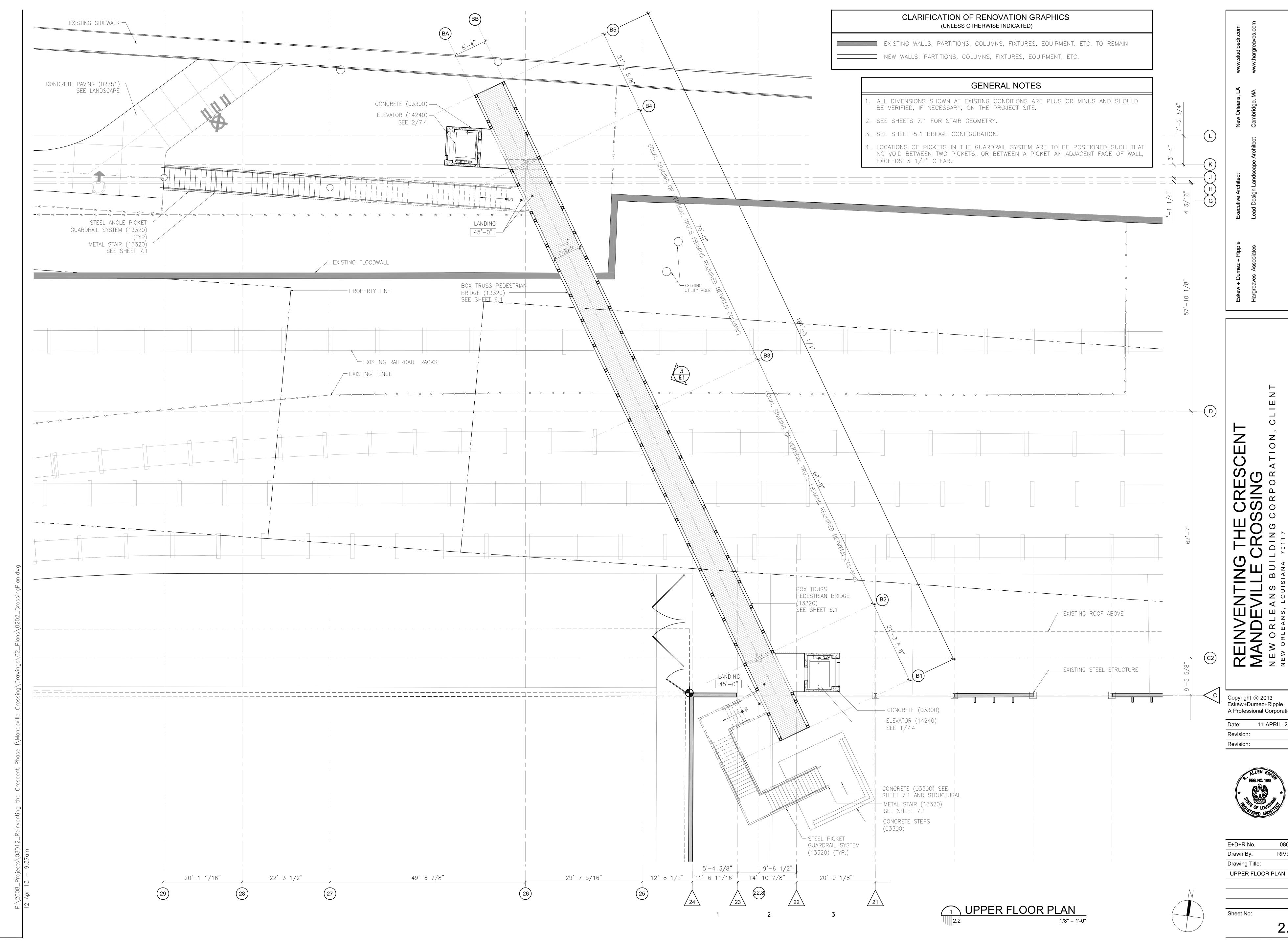


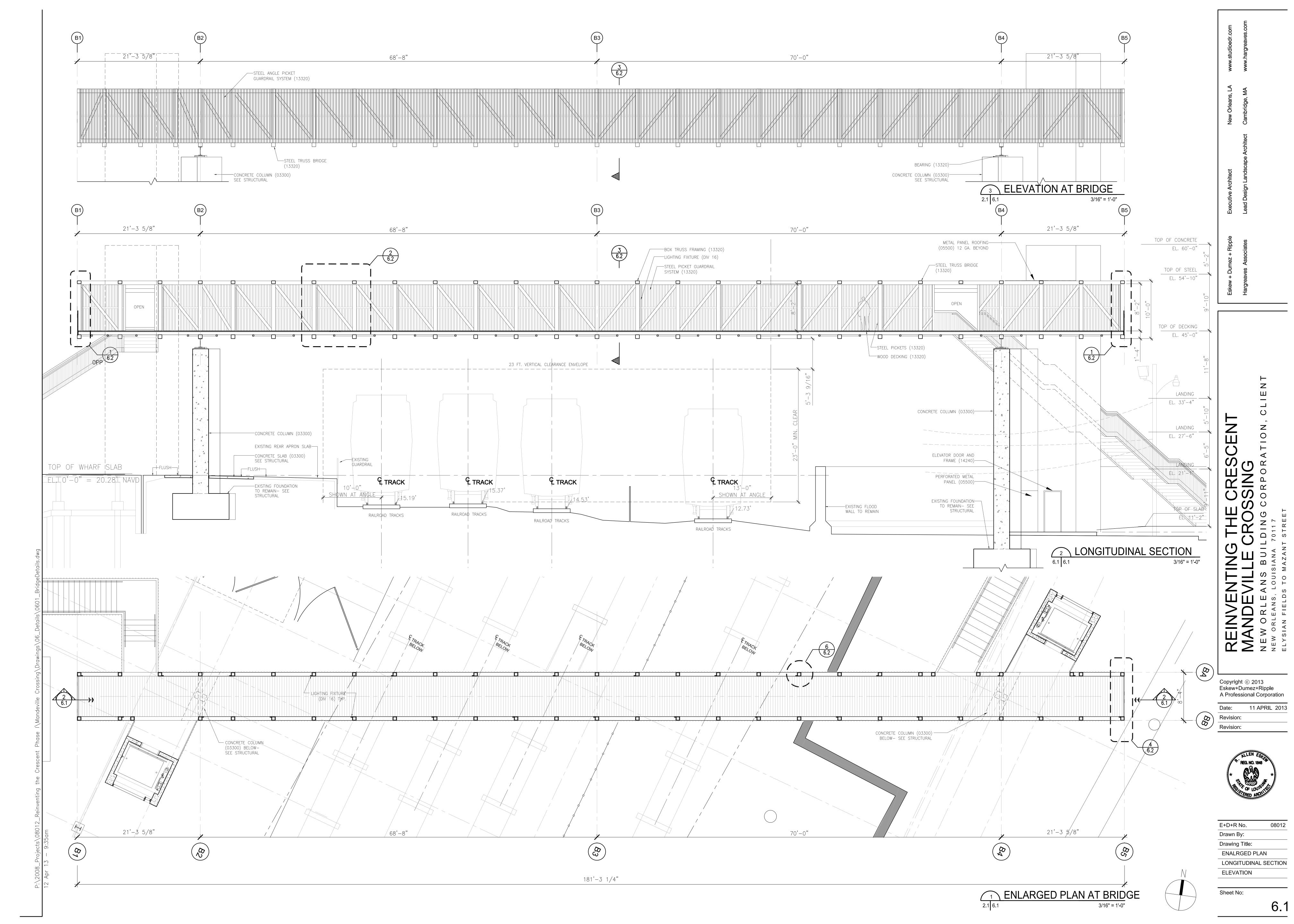












STEEL PICKET (13320)

NEOPRENE GASKET/ CUSHION (TYP.).

8'-6 7/256" +/-2 3/8" 7 1/8" +/-2 3/8" 7'-0" CLEAR TOP CHORD (13320) — STEEL PICKET (13320) DIAGONAL BRACE (13320) PICKET SUPPORT (13320) VERTICAL SUPPORT (13320) BOTTOM CHORD (13320) — STEEL ANGLE (13320) — 2X4 WOOD DECKING — (13320) FLOOR BEAM (13320) — STEEL BEAM (13320) STEEL DIAGONAL BRACING -(13320) OPTIONAL PICKET FRAMING — (13320) — STEEL BEAM (13320) CONFIRM SIZE AND CONNECTION METHOD WITH MANUFACTURER

3 SECTION THRU BRIDGE

Eskew + Dumez + Ri Hargreaves Associal

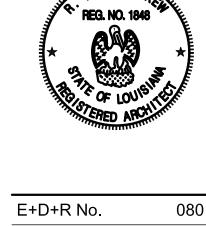
REINVENTING THE CRESCENT
MANDEVILLE CROSSING
NEW ORLEANS BUILDING CORPORATION, CLIE

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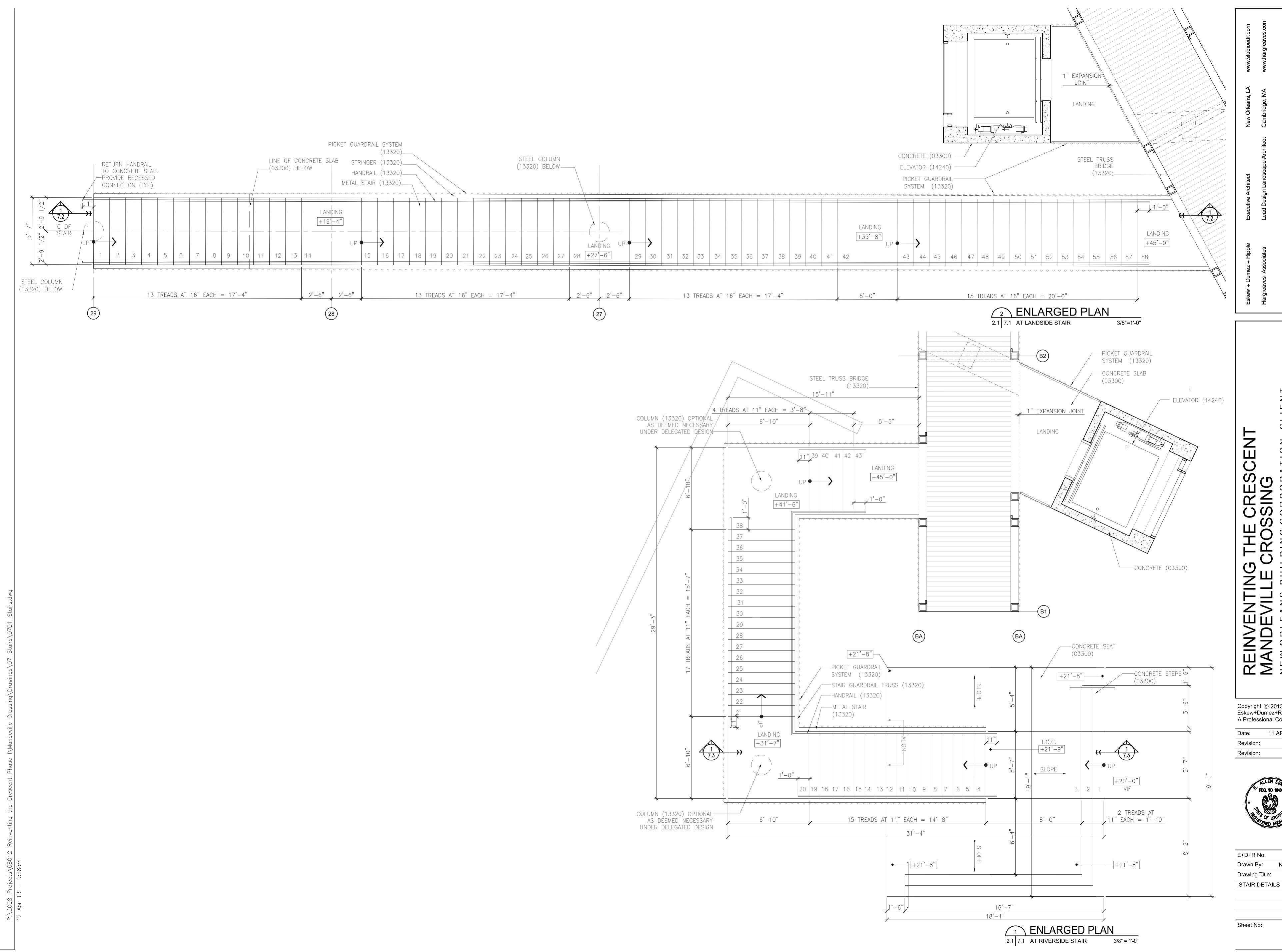
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Drawing Title:

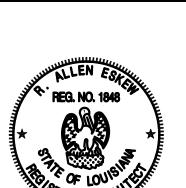
BRIDGE DETAILS

Shoot No

6



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08012 KERRIGAN

ANCHOR BOLT (13320) CONNECT TO EXISTING STRUCTURE

CONCRETE SLAB

1 SECTION THRU STAIR
7.1 7.2 LANDSIDE 3/8" = 1'-0"

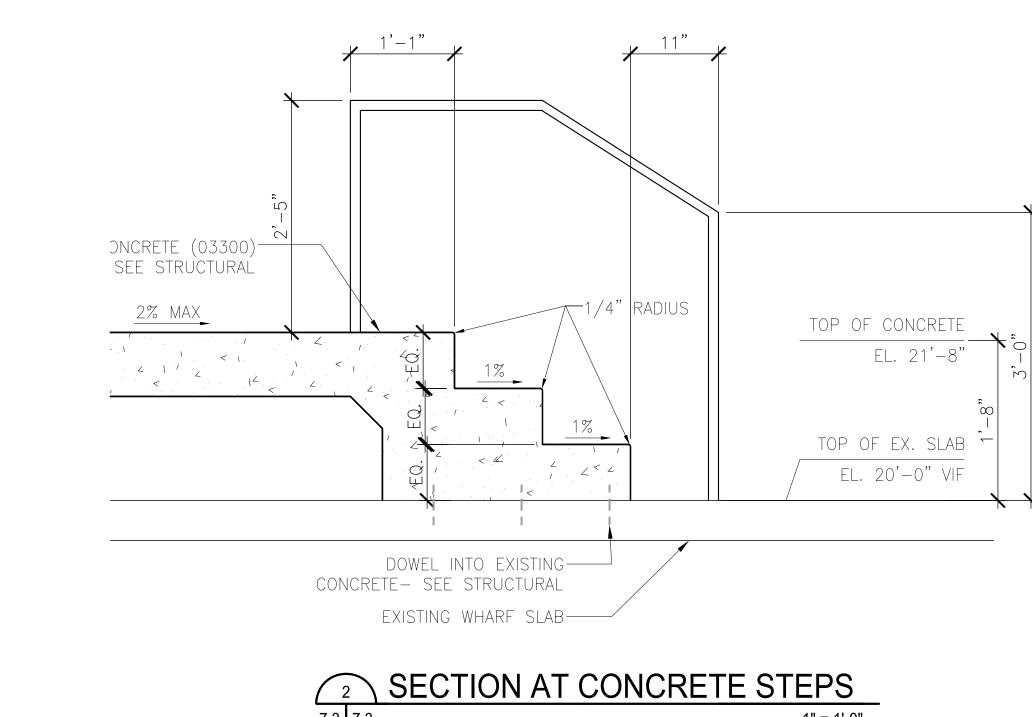
GROUND LEVEL

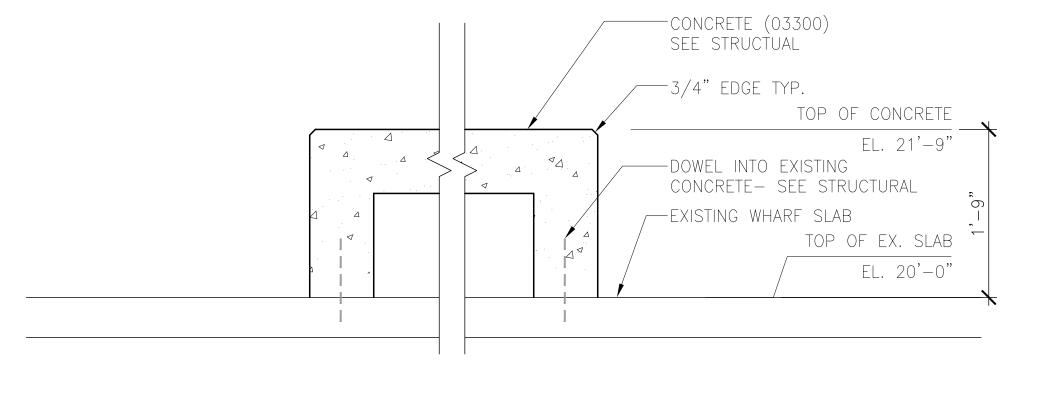
EL. 11'-2"

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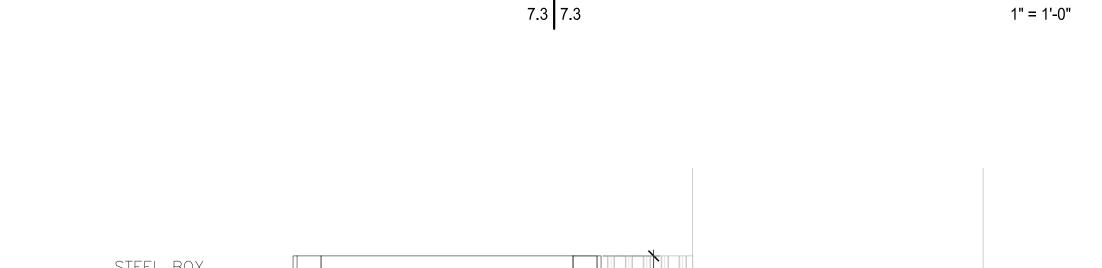
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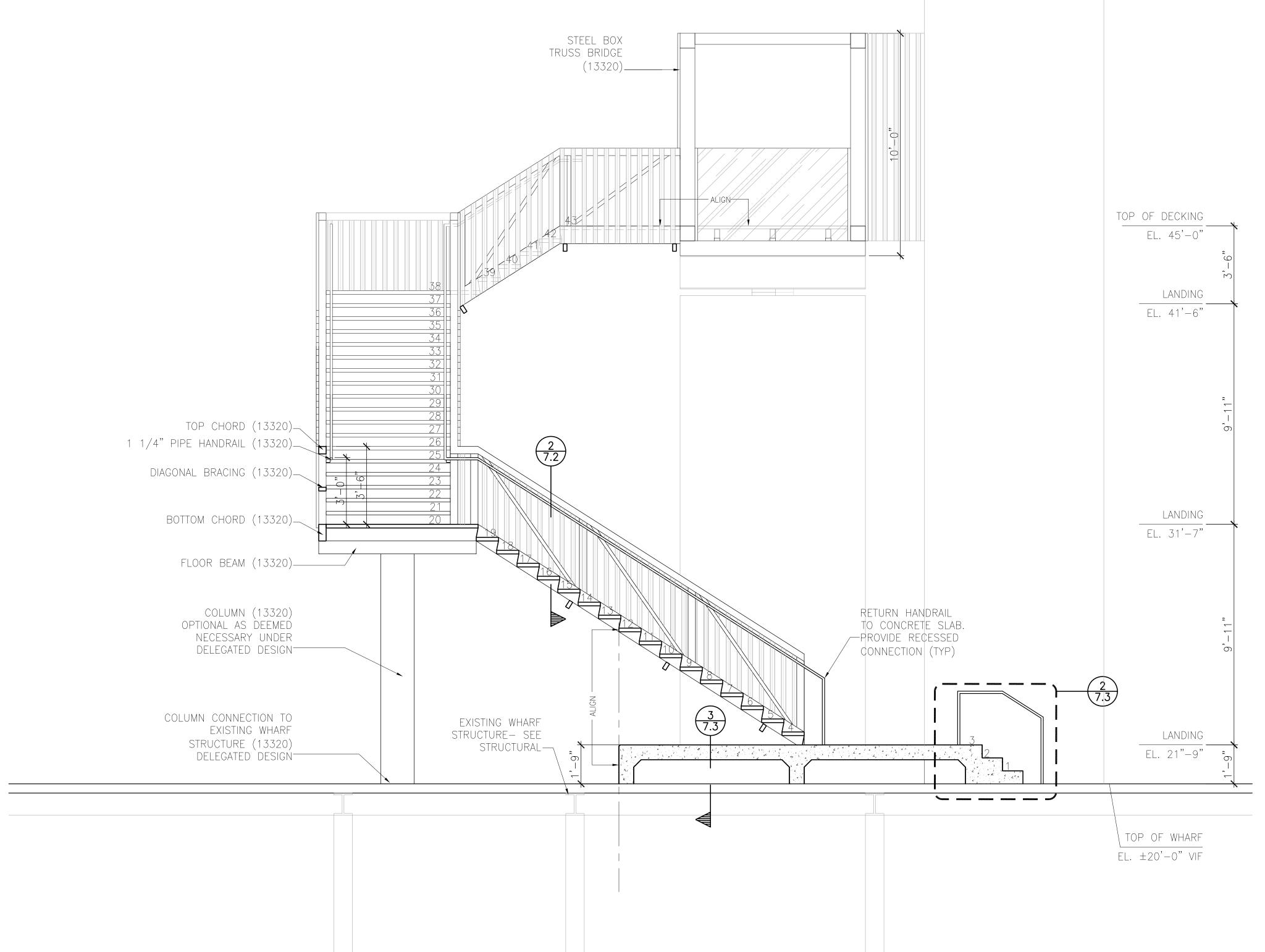












11 APRIL 2013

Revision:

Drawing Title: STAIR DETAILS

8'-11"

6'-3" CLEAR HOISTWAY AND PIT

MANDEVILLE CROSSING

NEW ORLEANS BUILDING CORPORATION, CL

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Revision:
Revision:



E+D+R No. 08012

Drawn By: RIVERA

Drawing Title:

ELEVATORS

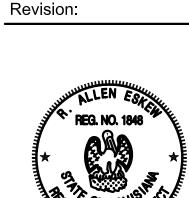
ALTERNATE

Sheet No:

7.4

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08012 E+D+R No. RIVERA Drawn By: Drawing Title: ELEVATORS ALTERNATE

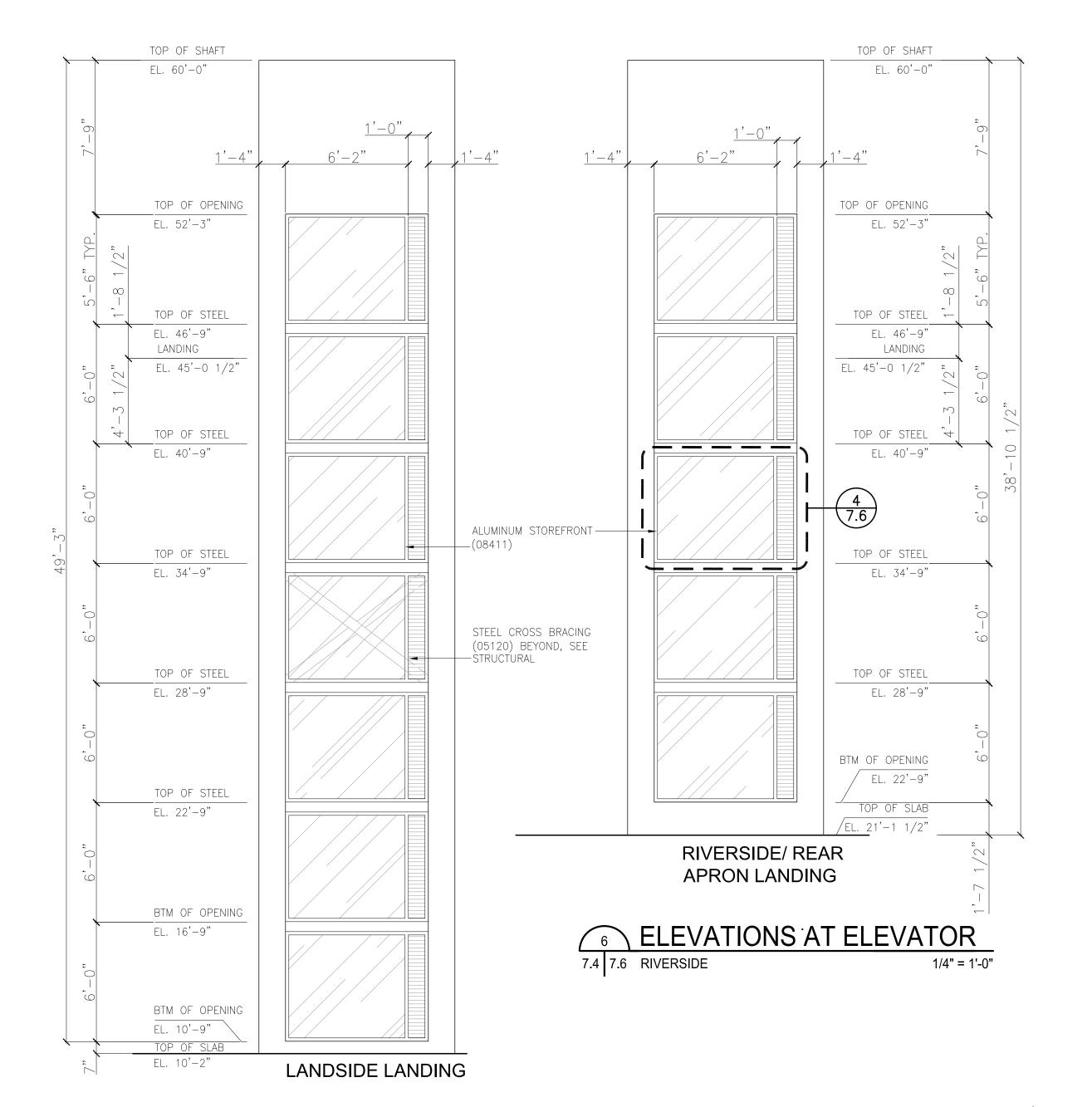
3/4" = 1'-0"

7.4 7.5

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E+D+R No. RIVERA Drawn By: Drawing Title: **ELEVATOR DETAILS**

ALTERNATE

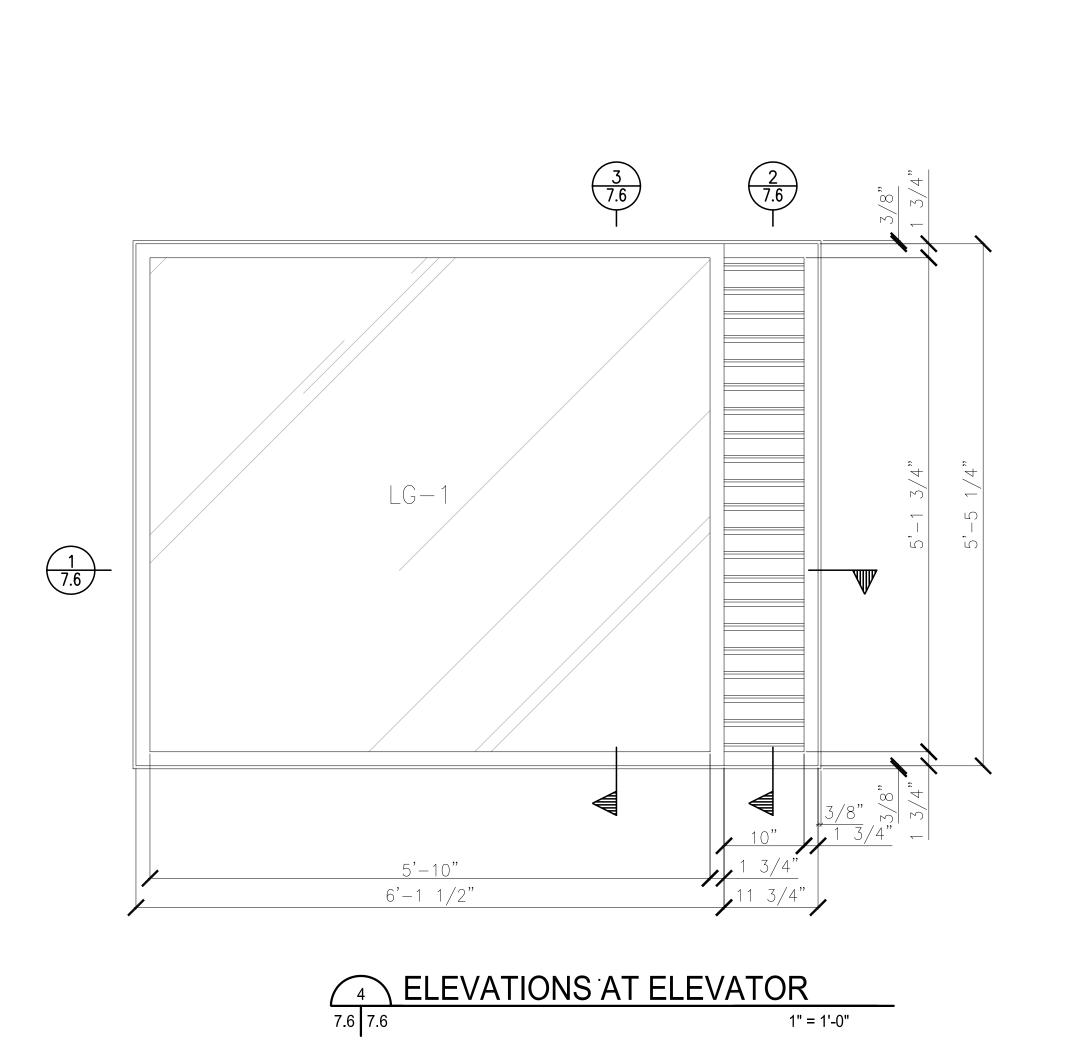


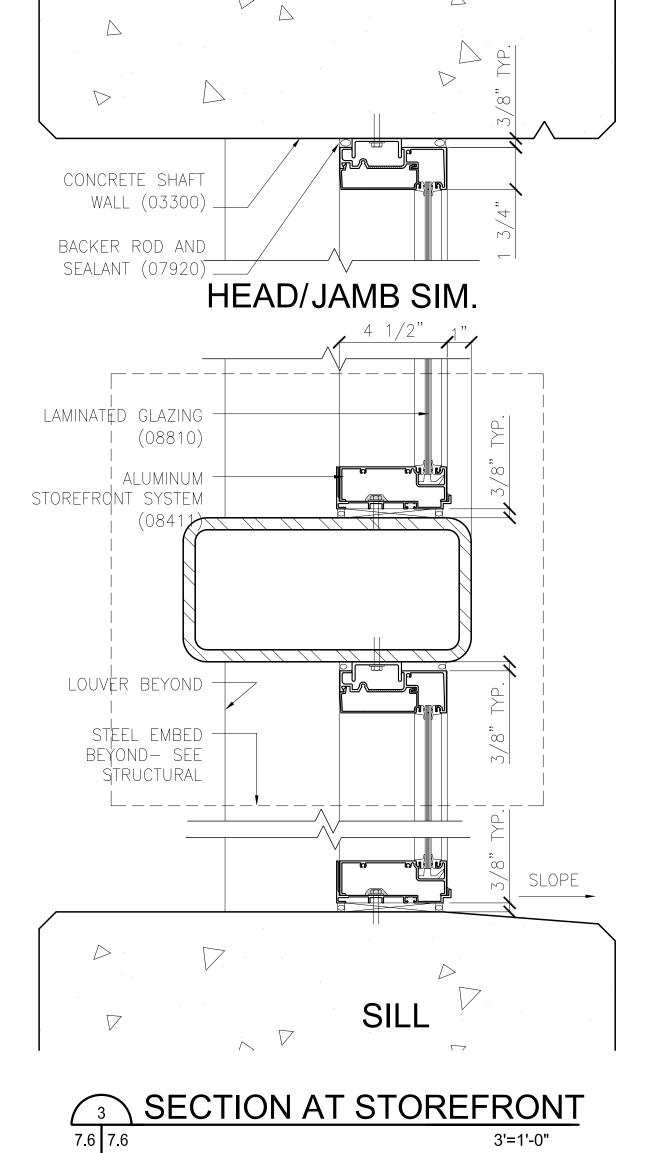
BEGIN 1/4" SLOPE AT THIS POINT-CONCRETE SLAB (03300) SLOPE 1/4" PER FOOT EXPANSION JOINT COVER (07950) TOP OF THRESHOLD EL. 45'-0" | STEEL ANGLE (05120) STEEL BEAM (05120) STEEL PLATE (05120) SEE STRUCTURAL-CONCRETE ELEVATOR SHAFT WALLS-(03300)**DETAIL AT ELEVATOR SILL**

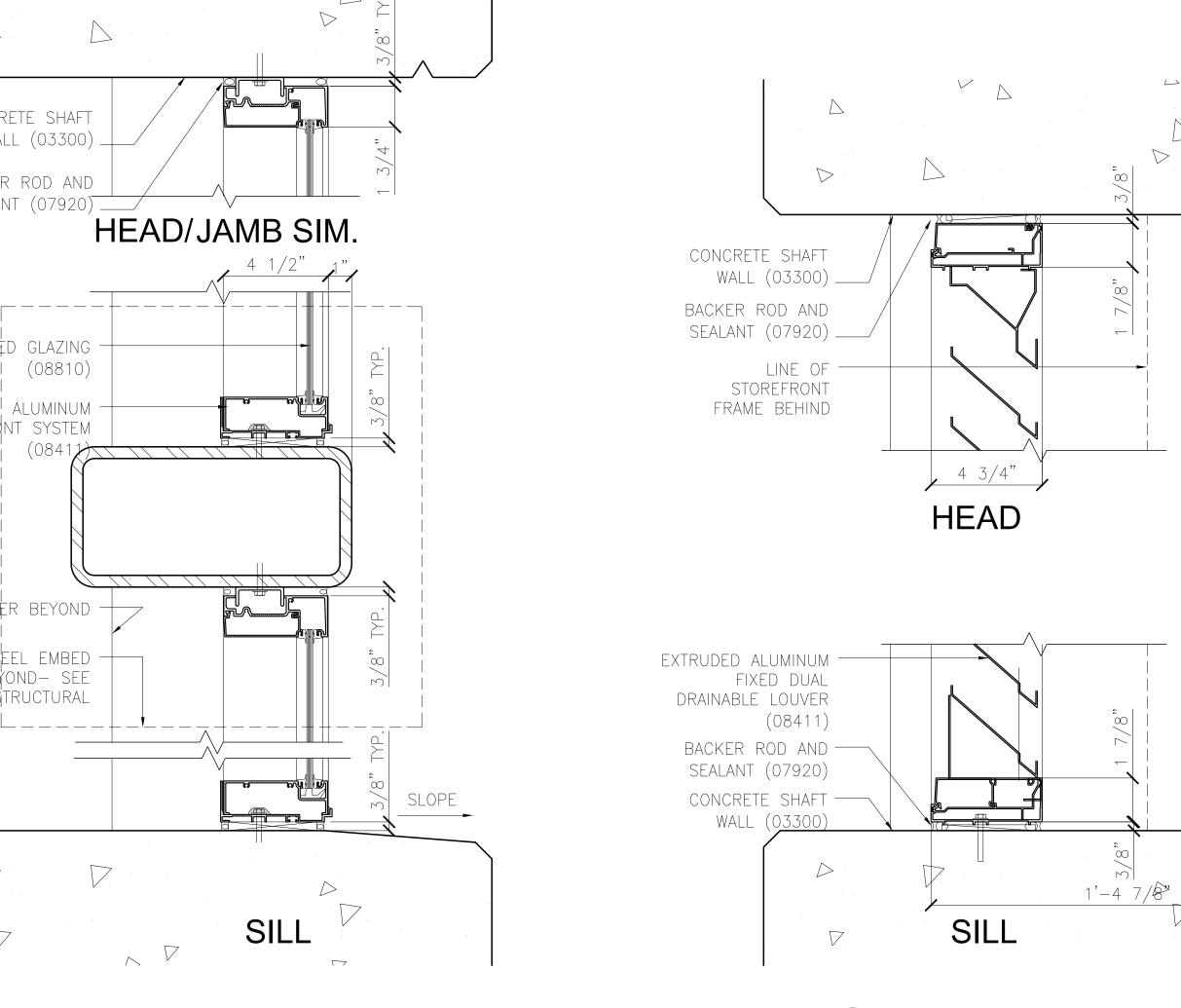
ELEVATOR FRAME (14240)

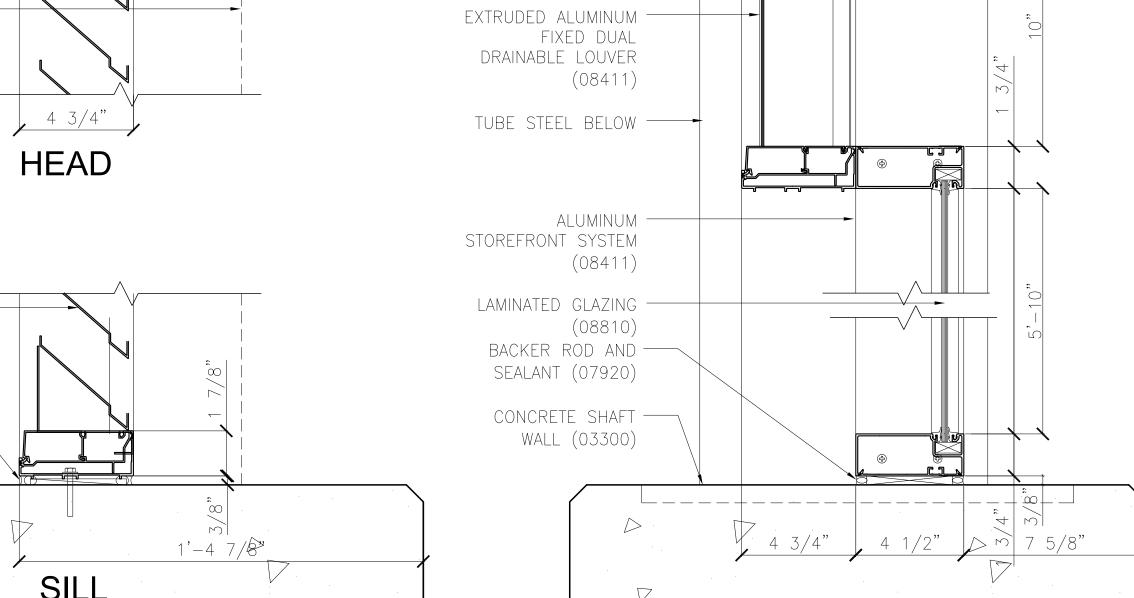
THRESHOLD (14240)

7 ELEVATIONS AT ELEVATOR 7.4 7.6 LANDSIDE 1/4" = 1'-0"









LANDSCAPE GENERAL NOTES

- 1. PRIOR TO BEGINNING OF EACH PORTION OF THE WORK **CHECK** THE DRAWINGS AGAINST THE WORK AREA AND IF ANY DISCREPANCIES IN DIMENSIONS, SITE CONDITIONS, OR OTHER CONDITIONS BETWEEN THE CONTRACT DOCUMENTS AND THE SITE APPEAR THEN NOTIFY THE ARCHITECT. DO NOT WORK ANY SUCH AFFECTED AREA UNTIL THE DISCREPANCY HAS BEEN RESOLVED WITH THE ARCHITECT.
- 2. SURVEY AND DOCUMENT TO CONFIRM EXISTING TOP OF FLOODWALL ELEVATIONS AND CONDITION OF FLOODWALL JUST PRIOR TO COMMENCING WORK AND AGAIN AT CONCLUSION OF ALL WORK FOR RECORD PURPOSES. PROVIDE SURVEY RECORDS TO ARCHITECT.
- 3. PROTECT AND RETAIN FLOODWALL DURING ALL PHASES OF
- 4. DO NOT LOAD SOILS WITHIN 15 FEET OF FLOODWALL.
- 5. LIMIT OF WORK LINE IS OFFSET SLIGHTLY FROM ACTUAL WORK AS NEEDED FOR CLARITY IN THE DRAWINGS.
- 6. NOTIFY THE ARCHITECT A MINIMUM OF 48 HOURS PRIOR TO A SITE
- 7. REPORT ANY DISCREPANCIES WITHIN THE CONSTRUCTION CONTRACT DOCUMENTS TO THE ARCHITECT FOR CLARIFICATION OR
- 8. THE BASIS OF SITE INFORMATION BOTH HORIZONTAL AND VERTICAL SURVEY DATA SHOWN HERETO ON THESE PLANS ARE FROM DIGITAL SURVEY FILES PROVIDED BY BFM INCORPORATED, L.L.C., 534 WILLIAMS BOULEVARD, (504) 468-8800.
- 9. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THE SURVEY IN THE FIELD.
- 10. COOPERATE WITH OTHER CONTRACTORS SO AS NOT TO VIOLATE OTHER PERMITS FOR WORK WITHIN OR ADJACENT TO THE PROJECT SITE. OTHER CONTRACTS THAT ARE EXPECTED TO BE ACTIVE DURING THIS WORK ARE:
- 1) UTILITY CONSTRUCTION
- 2) SUBSURFACE GRADING, DRAINAGE AND UTILITIES 3) OTHER CONTRACTS STARTED PRIOR TO THIS CONTRACT
- 4) ADDITIONAL CONTRACTS THAT MAY COMMENCE BEFORE COMPLETION OF THIS CONTRACT.
- 7. PROTECT THE WORK AND ALL NEARBY PEOPLE AND PROPERTY INCLUDING EXISTING BUILDINGS, PAVING, DRAINAGE STRUCTURES, FENCES, LAWNS, PLANTING, LIMBS AND ROOT ZONES OF TREES, ETC. FROM DAMAGE.
- 8. LOCATE, PROTECT AND IDENTIFY ALL UNDERGROUND AND OVERHEAD UTILITIES AND SERVICES SHOWN AND NOT SHOWN.
- 9. COORDINATE WITH ALL LOCAL UTILITY COMPANIES. NOTIFY LOUISIANA ONE CALL BY DIALING 811 OR GOING ONLINE TO WWW.LAONECALL.COM PRIOR TO DIGGING IN ORDER THAT UNDERGROUND UTILITIES IN THE AREA CAN BE LOCATED.
- 10. VERIFY THE LOCATION OF ALL MECHANICAL, TELEPHONE, ELECTRICAL, LIGHTING AND SPRINKLER EQUIPMENT, INCLUDING ALL PIPING, UTILITY AND CONDUITS AND THAT ALL REQUIRED CLEARANCES FOR THE INSTALLATION AND MAINTENANCE OF EQUIPMENT ARE PROVIDED.
- 11. COORDINATE ALL NECESSARY TRENCHING & SLEEVING NECESSARY FOR ALL ASPECTS OF WORK TO OCCUR PRIOR TO INSTALLATION OF PAVING OR STRUCTURES.
- 12. VERIFY EXACT STRUCTURAL, LATERAL AND FOUNDATION REQUIREMENTS WITH ENGINEER PRIOR TO START OF JOB. **SUBMIT** A MEMO TO THE ARCHITECT INDICATING THAT THIS COORDINATION HAS BEEN DONE. IN THE EVENT THAT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN IN THE CONSTRUCTION DOCUMENTS, OR CALLED FOR IN THE NOTES OR SPECIFICATIONS, THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS SHOWN FOR SIMILAR CONDITIONS.
- 13. NOTHING IN THESE DOCUMENTS SHALL BE CONSTRUED SO AS TO ALLOW CONSTRUCTION TO OCCUR CONTRARY TO ANY APPLICABLE CODE REQUIREMENTS.

GRADING - DRAINAGE NOTES

- 1. **VERIFY** ALL EXISTING CONDITIONS, EXCAVATION, FILLING AND GRADING, AND WORK FROM PREVIOUS AND ONGOING CONTRACTS IN THE FIELD. REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ARCHITECT FOR DIRECTION BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
- 2. REQUEST A **REVIEW** IN THE FIELD BY THE ARCHITECT OF ALL SUBSURFACE GRADING. STAKE ALL FINISH GRADES. OBTAIN ARCHITECT APPROVAL OF FINISH GRADING PRIOR TO PLANTING.
- 3. GRADES SHOWN ARE FINISH GRADE OR SURFACE ELEVATIONS. SUBGRADE ELEVATIONS ARE NOT REFLECTED.
- 4. CONSTRUCT FINISH SURFACE AND FINISH GRADE SO AS TO ENSURE POSITIVE DRAINAGE AWAY FROM ALL STRUCTURES AND INTO DRAINAGE STRUCTURES WHERE PROVIDED.
- 5. FINAL ELEVATION AT BUILDING ENTRIES MAY NOT BE LOWER THAN 1/2 INCH BELOW FFE.
- 6. PITCH EVENLY BETWEEN SPOT GRADES AND CONTOUR LINES UNLESS GRADE BREAKS, RIDGELINES, SWALES ARE INDICATED OR OTHERWISE NOTED. GRADE FINISH SURFACE TO PREVENT PONDING OF WATER. ANY DISCREPANCIES OR CONDITIONS NOT ALLOWING THIS TO OCCUR SHALL BE **REPORTED** TO THE ARCHITECT FOR RESOLUTION PRIOR TO CONTINUING WORK. ALL FINISHED GRADES SHALL PROVIDE FOR NATURAL RUNOFF OF WATER WITHOUT LOW SPOTS OR POCKETS. SET FLOW LINES AND GRADE BREAKS ACCURATELY. PROVIDE A MINIMUM GRADE OF 1.5% ON ALL FINISH SURFACES AND A MINIMUM GRADE OF 2% ON ALL FINISH GRADES UNLESS OTHERWISE NOTED. CROSS SLOPES ON WALKWAYS MAY NOT EXCEED 2%.
- 7. TOP OF WALL PROFILES ARE TO SLOPE AS SHOWN UNLESS OTHERWISE NOTED.

- 8. HOLD TOP OF PLANTING SOIL DOWN FROM ADJACENT SURFACE GRADES SO THAT WHEN MULCH IS PLACED TOP OF MULCH WILL CREATE A FLUSH CONDITION WITH FINISHED ADJACENT SURFACE UNLESS OTHERWISE NOTED.
- 9. BLEND NEW EARTHWORK SMOOTHLY INTO EXISTING TO CREATE A SEAMLESS EFFECT.

LAYOUT NOTES

- 1. **VERIFY** ALL EXISTING CONDITIONS, ACCURACY OF PROPERTY LINE INFORMATION, LAYOUT COORDINATES, AND WORK FROM PREVIOUS AND ONGOING CONTRACTS IN THE FIELD. REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ARCHITECT FOR DIRECTION BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
- 2. REQUEST A **REVIEW** IN THE FIELD BY THE ARCHITECT OF THE LAYOUT OF ALL ELEMENTS AS SHOWN. STAKE ALL LOCATIONS. OBTAIN ARCHITECT'S APPROVAL OF LAYOUT BEFORE STARTING
- 3. REQUEST A **REVIEW** IN THE FIELD BY THE ARCHITECT OF ALL SITE LIGHTING FIXTURES, JUNCTION BOXES, TRANSFORMERS, PANELS. STAKE ALL LOCATIONS. OBTAIN THE ARCHITECT'S APPROVAL OF DEVICE LOCATIONS PRIOR TO INSTALLATION. SOME SITE LIGHTING CIRCUITRY AND JUNCTION BOX LOCATIONS MAY BE LOCATED ON ELECTRICAL ENGINEERING PLANS.
- 4. REQUEST A **REVIEW** IN THE FIELD BY THE ARCHITECT OF ALL FORMWORK OR A TYPICAL FORMWORK PORTION REPRESENTING SIMILAR WORK. OBTAIN ARCHITECT APPROVAL OF FORMWORK FOR FLATWORK AND WALL WORK PRIOR TO CONCRETE POURING.
- 5. COORDINATE ALL LAYOUT WORK POINTS, MONUMENTS, GRID LINES AND CONTROLS, AMONG ALL TRADES; SPECIFICALLY BUT NOT LIMITED TO SITE FORMATION, FLAT WORK AND WALL WORK.
- 6. REFER TO PAVING OR MATERIALS PLAN(S) FOR ALL FLAT WORK AND ALL WALL WORK JOINT LOCATIONS; **SUBMIT** SHOP DRAWINGS **VERIFYING JOINT LAYOUT PRIOR TO INSTALLATION.**
- 7. ERECT AND INSTALL ALL WORK LEVEL, PLUMB, SQUARE, TRUE, STRAIGHT AND IN PROPER ALIGNMENT.
- 8. DO NOT SCALE DRAWINGS, USE DIMENSIONS SHOWN.
- 9. DIMENSIONS ARE NOT ADJUSTABLE WITHOUT **REVIEW** AND APPROVAL OF ARCHITECT UNLESS NOTED [+/-] V.I.F. [VERIFY IN FIELD].
- 10. SIMILAR OR [SIM] MEANS COMPARABLE CHARACTERISTICS FOR THE CONDITIONS NOTED. **VERIFY** DIMENSIONS AND ORIENTATION ON THE PLANS AND ELEVATIONS.
- 11. DIMENSIONS NOTED [CLR] OR CLEAR MUST BE STRICTLY MAINTAINED ALLOWING FOR THICKNESS OF ALL FINISHES. VERIFY IN FIELD PRIOR TO CONSTRUCTION.
- 12. TYPICAL OR [TYP] MEANS IDENTICAL FOR ALL SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
- ALIGN MEANS ACCURATELY LOCATE FINISH FACES IN THE SAME PLANE. FLUSH MEANS MAKE ADJACENT FINISHED SURFACES IN THE SAME PLANE.
- 14. ALL ANGLES ARE ASSUMED TO BE 90 DEGREES UNLESS OTHERWISE STATED.
- 15. ALL CURVES FOR PAVING, BANDS, PATHS, EDGING AND HEADER BOARDS SHALL BE ALIGNED IN A SMOOTH AND CONTINUOUS FASHION AND SHALL MEET ADJACENT SURFACES AT 90° UNLESS OTHERWISE NOTED, UNLESS OTHERWISE INDICATED. ALL WALK RADII AND CURVES SHALL BE SMOOTH AND CONTINUOUS WITHOUT ABRUPT CHANGES OR BENDS.

PLANTING NOTES

- 1. REQUEST A **REVIEW** IN THE FIELD BY THE ARCHITECT OF ALL TREE LOCATIONS. STAKE ALL TREE LOCATIONS. OBTAIN APPROVAL OF ARCHITECT BEFORE STARTING PLANT INSTALLATION.
- 2. REQUEST A **REVIEW** IN THE FIELD BY THE ARCHITECT OF ALL PLANTING BEDS SEPARATED BY METAL EDGE. STAKE ALL EDGE LOCATIONS. OBTAIN APPROVAL OF ARCHITECT BEFORE INSTALLING EDGE.
- 3. SUPPLY ALL PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON ALL DRAWINGS.
- 4. ALL PLANT MATERIAL SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE AMERICAN STANDARD FOR NURSERY STOCK PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, LATEST EDITION, ANSI Z60.1
- 5. COORDINATE PLANT LAYOUT WITH IRRIGATION EQUIPMENT LAYOUT. PLANT LAYOUT TAKES PRECEDENCE OVER IRRIGATION EQUIPMENT LAYOUT. IRRIGATION VAULT BOXES ARE TO BE LINED UP. EVENLY SPACED, AND PARALLEL TO ADJACENT PATHS OR STRUCTURES.
- 6. ALL TREES SHALL BE STAKED OR GUYED ACCORDING TO DETAIL PROVIDED UNLESS OTHERWISE NOTED.
- 7. PROVIDE MATCHING SIZES AND FORMS FOR EACH SPECIES OF SHRUB HEDGE OR TREES INSTALLED ON GRID OR SPACED EQUALLY IN ROWS AS SHOWN ON DRAWINGS.
- 8. SPACE EQUALLY ON GRID, ROW OR TRIANGULARLY AS NOTED IN PLANT LEGEND.
- 9. PLANT CROWN ELEVATIONS RELATIVE TO FINISH GRADES ARE SHOWN ON PLANTING DETAILS AND SHALL BE STRICTLY ADHERED TO. PROPER COMPACTION OF BACKFILL TO PREVENT SETTLEMENT OF ROOTBALL SHALL BE REQUIRED.

ABBREVIATIONS

# &	NUMBER AND	MFR	MANUFACTURER
@	AT	MH	MANHOLE
AC	ASPHALTIC CONCRETE	MIN	MINIMUM
ADR	AREA DRAIN	ML	MATCHLINE
ADJ	ADJUSTABLE	MON	MONUMENT
ALT	ALTERNATE	MTL	METAL
ARCH	ARCHITECTURAL	MTR	MOTOR
ВС	BOTTOM OF CURB	(N)	NEW
BLDG	BUILDING	N/A	NOT APPLICABLE
BOC BOT	BEGINNING OF CURVE	NIC	NOT IN CONTRACT
BRK	BOTTOM BREAK	NO	NUMBER
BS	BOTTOM OF STEP	NOM	NOMINAL
BW	BOTTOM OF WALL	NTS	NOT TO SCALE
CAP	CAPACITY	OC	ON CENTER
СВ	CATCH BASIN	OD	OUTSIDE DIAMETER
CF	CUBIC FEET	OPP	OPPOSITE
CIP	CAST IN PLACE	PCS	PIECES
CJ	CONSTRUCTION JOINT	PERF	PERFORATED
CL	CENTERLINE	PL	PROPERTY LINE
CLR	CLEAR	PLWD	PLYWOOD
CMU	CONCRETE MASONRY UNIT	PNL	PANEL
CONC	CONCRETE	P.O.B.	POINT OF BEGINNING
CONST	CONSTRUCTION	POC	POINT OF CONNECTION
CONT	CONTINUOUS	POI	POINT OF INTERSECTION
CTR	CENTER	PR	PAIR
CUP CYL	CONCRETE UNIT PAVER CYLINDER	PRES	PRESSURE
DTL.	DETAIL	PT PVC	POINT OF TANGENCY POLYVINYL CHLORIDE
DIL. DIA	DIAMETER	QTY	QUANTITY
DIM	DIMENSION	R	RADIUS, RISER
DIR	DIRECTION	REF	REFERENCE
DN	DOWN	REINF	REINFORCE(D)
DWG(S)	DRAWING(S)		` ,
DWL(S)	DOWEL(S)	REQ'D	REQUIRED
EA	EACH	REV	REVERSE
EJ	EXPANSION JOINT	ROW	RIGHT OF WAY
ELEV	ELEVATION	RP	RADIUS POINT
ELEC	ELECTRICAL	RT	RIGHT
ENGR	ENGINEER	SCH	SCHEDULE
EQ EQUIP	EQUAL	SD	STORM DRAIN
EQUIV	EQUIPMENT EQUIVALENT	SECT	SECTION
EW		SED	SEDIMENT
	EACH WAY	SF	SQUARE FOOT
EXIST, (E)		SHT	SHEET
EXT	EXTERIOR	SIM	SIMILAR
F/F	FACE TO FACE	SDR	SLOT DRAIN
FAB	FABRICATE(D)		
FFE	FINISHED FLOOR ELEVATION	SPEC(S)	SPECIFICATION(S)
FG	FINISH GRADE	SQ SS	SQUARE STAINLESS STEEL
FIN	FINISHED	SSD	SEE STRUCTURAL DRAWING
FL	FLOW LINE		
FLR	FLOOR	ST	STREET
FND	FOUNDATION	STA	STATION
FT	FEET	STD	STORM DRAIN
FTG	FOOTING	STL	STEEL
FV	FIELD VERIFY	STOR	STORAGE
FWD	FORWARD	STRUCT	STRUCTURAL
GAL	GALLON	SUB	SUBSTITUTE
		SUBDR	SUBDRAIN
GALV	GALVANIZED	SURF	SURFACE
GEN	GENERAL	SYM	SYMMETRICAL
GRD	GRADE	SYNC	SYNCHRONIZE
HDWR	HARDWARE	T&G	TONGUE AND GROOVE
HORIZ	HORIZONTAL	TC	TOP OF CURB
HP	HIGH POINT		
· НТ	HEIGHT	TDR	TRENCH DRAIN
ПІ	HEIGHT	THD	THREADED
IBC	INTERNATIONAL BUILDING CODE	THRESH	THRESHOLD
ID	INSIDE DIAMETER	TOC	TOP OF CONCRETE
IN	INCH	TOE	TOE OF SLOPE
INSUL	INSULATION	TP	TANGENT POINT
INT	INTERIOR	TS	TOP OF STEP
INV EL	INVERT ELEVATION	TW	TOP OF STEP
IRRIG	IRRIGATION	TYP	TYPICAL
JCT	JUNCTION	UBC	UNIFORM BUILDING CODE
		UD	UNIFORM BUILDING CODE UNDERDRAIN
LB(S)	POUND(S)	UG	UNDERDRAIN UNDERGROUND
LEV	LEVEL		
LF	LINEAR FEET	V.I.F.	VERIFY IN FIELD
LOW	LIMIT OF WORK	VERT	VERTICAL
		W/	WITH
LP	LOW POINT	W/O	WITHOUT
LTG	LIGHTING		
MAINT	MAINTENANCE		
N/AT'!			
MAT'L MAX	MAXIMUM		

E+D+R No. 08012 Drawn By: Drawing Title: LANDSCAPE NOTES & ABBREVIATIONS

2 円

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Revision:

Revision:

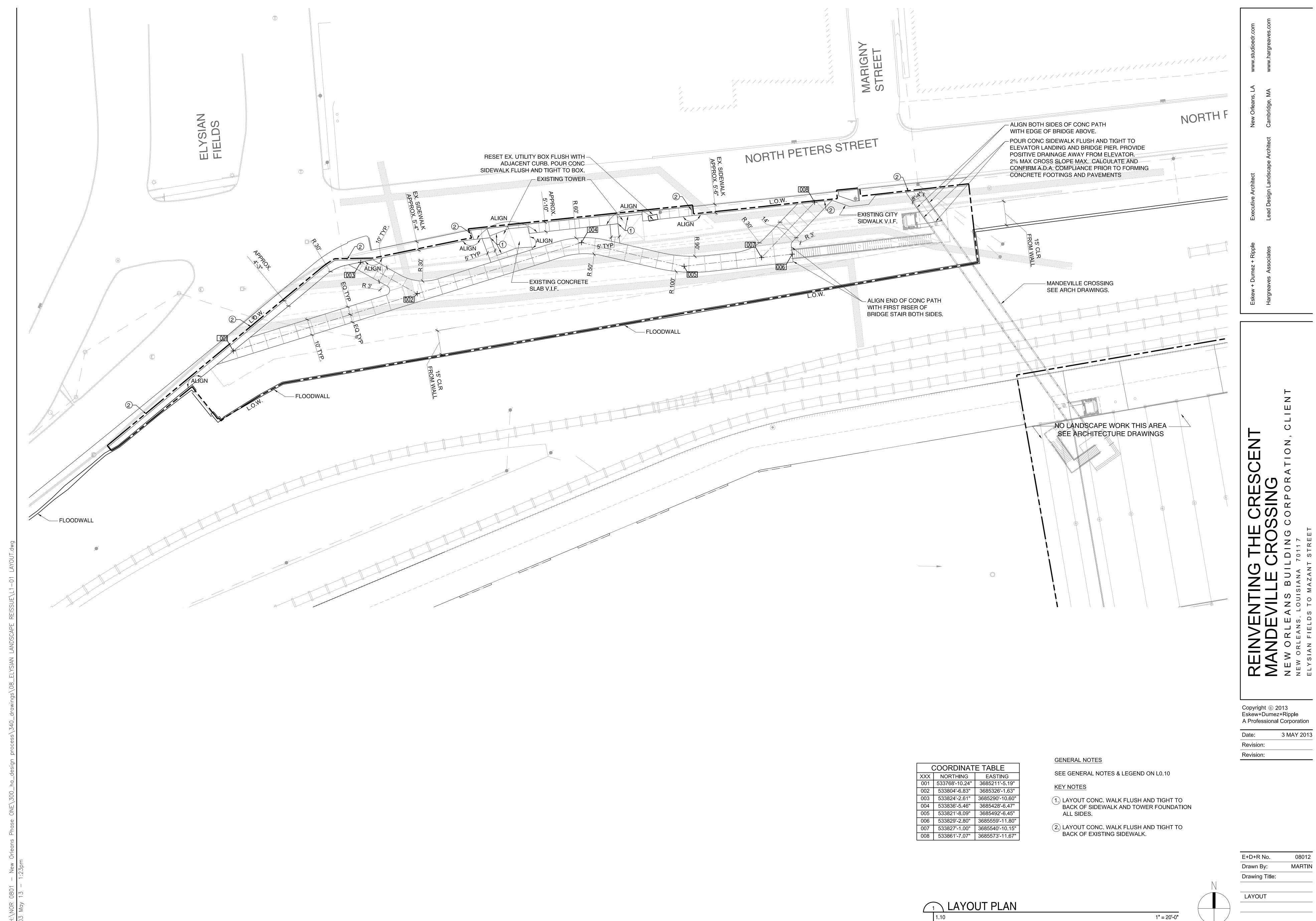
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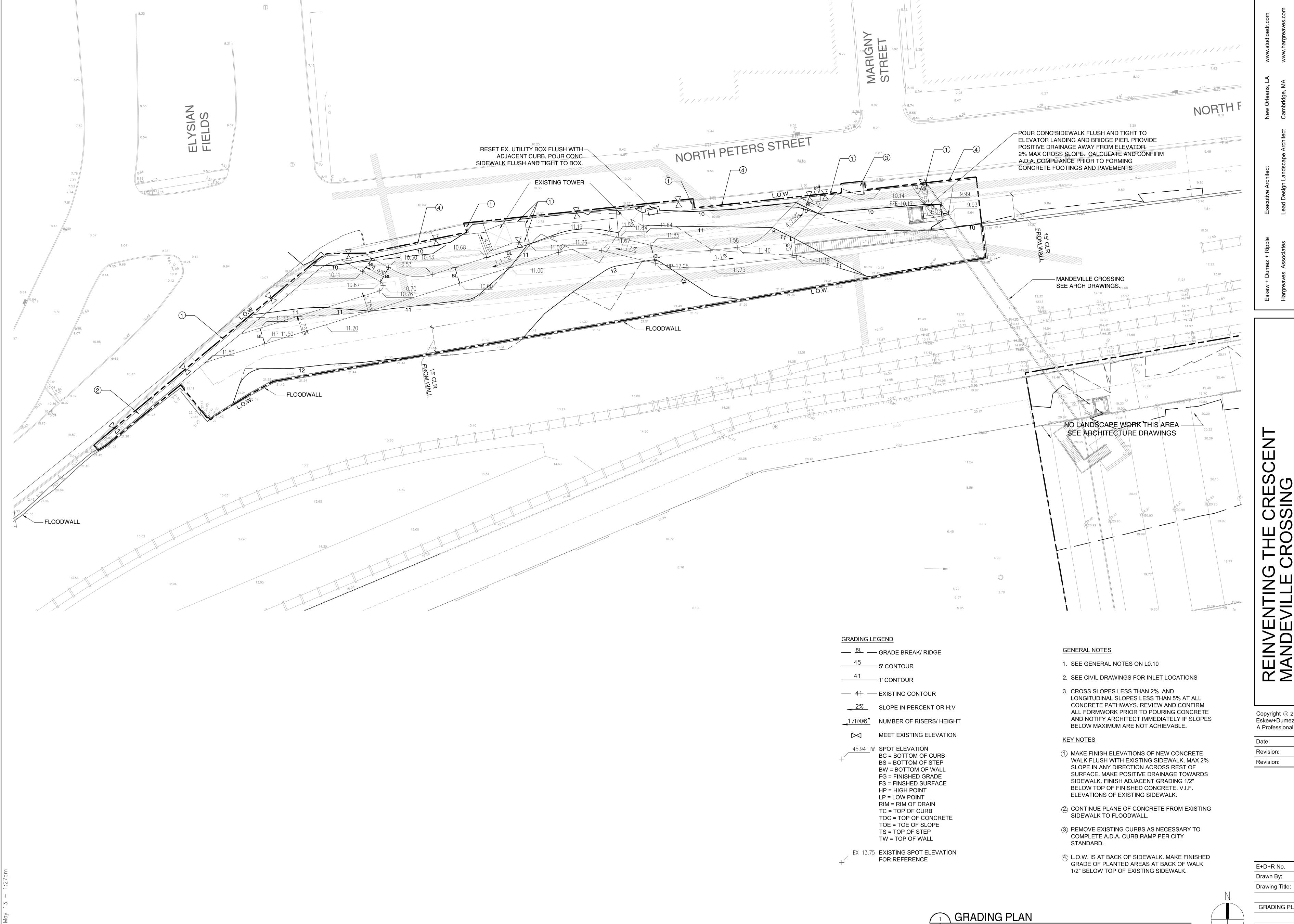
L0.10



08012

1 20

Sheet No: L1.10



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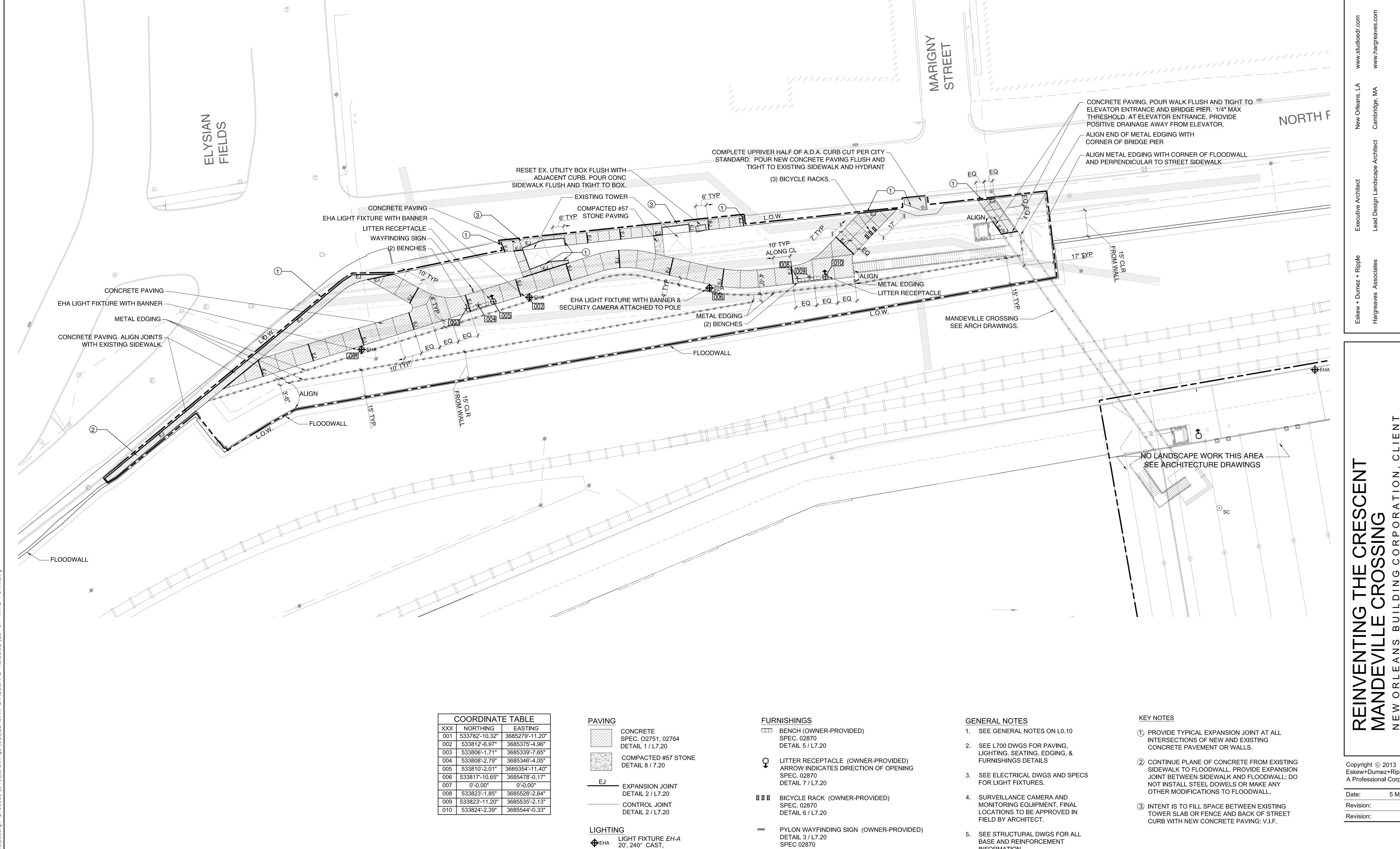
08012 MARTIN

GRADING PLAN

Sheet No:

1" = 20'-0"

L2.10



DETAIL 4 / L7.20

SURVEILLANCE CAMERA LOCATION. SEE ELECTRICAL DWGS & SPECS. (DIV. 16)

SPEC 02870

- ME— ME— ME— METAL LANDSCAPE EDGING

DETAIL 3 / L7.50 SPEC 02930

Eskew+Dumez+Ripple A Professional Corporation 5 MAY 2013 Revision: Revision:

MATERIALS AND FURNISHINGS PLAN 1" = 20'-0"

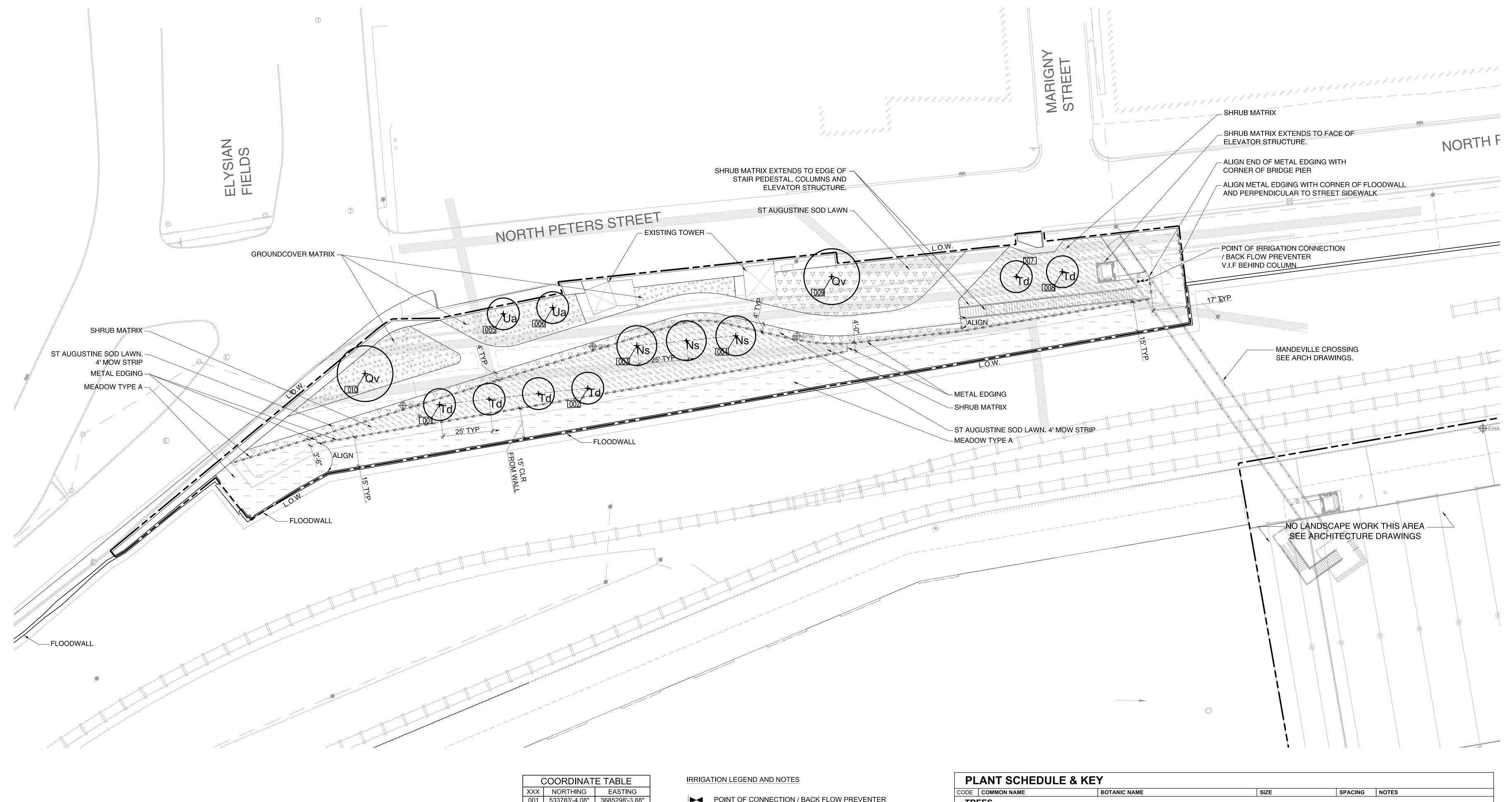
INFORMATION.

08012 MARTIN Drawn By: Drawing Title: MATERIALS

& FURNISHINGS

Sheet No:

L3.10



COORDINATE TABLE								
XXX	NORTHING	EASTING						
001	533783'-4.08"	3685298'-3.88"						
002	533791'-7.09"	3685372'-10.41"						
003	533812'-11.84"	3685397'-6.22"						
004	533817'-10.83"	3685447'-3.32"						
005	533828'-11.17"	3685330'-5.13"						
006	533832'-1.03"	3685355'-2.73"						
007	533846'-0.25"	3685478'-2.62"						
008	533848'-2.72"	3685501'-5.13"						

▶ POINT OF CONNECTION / BACK FLOW PREVENTER

ALL PLANTING AREAS TO RECEIVE IRRIGATION EXCEPT MEADOW TYPE A AREAS.

2. IRRIGATION IS DELEGATED DESIGN. PROVIDE DESIGN AND DETAILS FOR APPROVAL PRIOR TO INSTALLATION.

3. SEE CIVIL DRAWINGS FOR UTILITY PIPING.

4. PROVIDE SLEEVES COORDINATED WITH OTHER WORK INCLUDING EXISTING CONDITION IMPROVEMENTS AND ANY PAVING WORK TO ACCOMMODATE PLACEMENT OF IRRIGATION SYSTEM WITHOUT ADDITIONAL TRENCHING THROUGH COMPLETED WORK.

5. PROVIDE DRIP-TYPE IRRIGATION AT ALL GROUNDCOVER AND SHRUB PLANTING AREAS

6. PROVIDE LOCALIZED PERMANENT BUBBLER TYPE IRRIGATION AT ALL TREES.

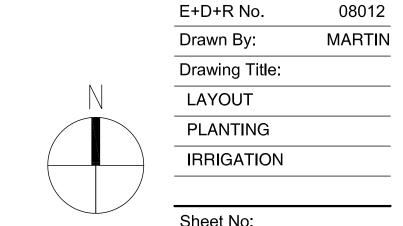
E	COMMON NAME	BOTANIC NAME	SIZE	SPACING	NOTES
TR	EES				
\s	BLACKGUM	NYSSA SYLVATICA	4" CAL; 15' HT / 10' SP MIN	PER PLAN	5' C.T.
Qv	LIVE OAK	QUERCUS VIRGINIANA	4" CAL; 18' HT / 8' SP MIN	PER PLAN	5' C.T.
Td	BALD CYPRESS	TAXODIUM DISTICHUM	4" CAL; 18' HT / 8' SP MIN	PER PLAN	CAL. MEASURED AT 5' HT; 5' C.T.
Ua	PRINCETON AMERICAN ELM	ULMUS AMERICANA 'PRINCETON'	4" CAL; 18' HT / 8' SP MIN	PER PLAN	5' C.T.
SH	RUB MATRIX				
55	FROSTPROOF GARDENIA	GARDENIA JASMINOIDES 'FROSTPROOF'	#3; 18" HT / 18" SP MIN	36" O.C.	FULL POT, MATRIX PLANT 'A'
	PURPLE DIAMOND LOROPETALUM	LOROPETALUM CHINENSIS 'PURPLE DIAMOND'	#3; 18" HT / 18" SP MIN	36" O.C.	FULL POT, MATRIX PLANT 'B'
7 7 ,				•	•
GF	OUNDCOVER MATRIX				
V > V	EVERGREEN GIANT LIRIOPE	LIRIOPE MUSCARI 'EVERGREEN GIANT'	#1;12" HT MIN	18" O.C.	FULL POT
1 17	AZTEC GOLD DAYLILY	HEMEROCALLIS 'AZTEC GOLD'	#1;12" HT MIN	18" O.C.	FULL POT; EVERGREEN
V > V	VARIEGATED FLAX LILY	DIANELLA TASMANICA 'VARIEGATA'	#1; 12" HT MIN	18" O.C.	FULL POT
LA	WN				
' \rightarrow	ST. AUGUSTINE GRASS	STENOTAPHRUM SECUNDATUM 'PALMETTO'	SOD		
∇					
\triangle \triangle					
ME	ADOW SEEDING		-	•	•
	MEADOW TYPE A - SEE SPECIFICATION	IC .			

GENERAL NOTES

1. SEE GENERAL NOTES & LEGEND ON L0.10

2. ALL PLANTING AREAS TO RECEIVE TYPE-1 LANDSCAPE TOPSOIL TO DEPTHS PER DETAILS ON L7.50.





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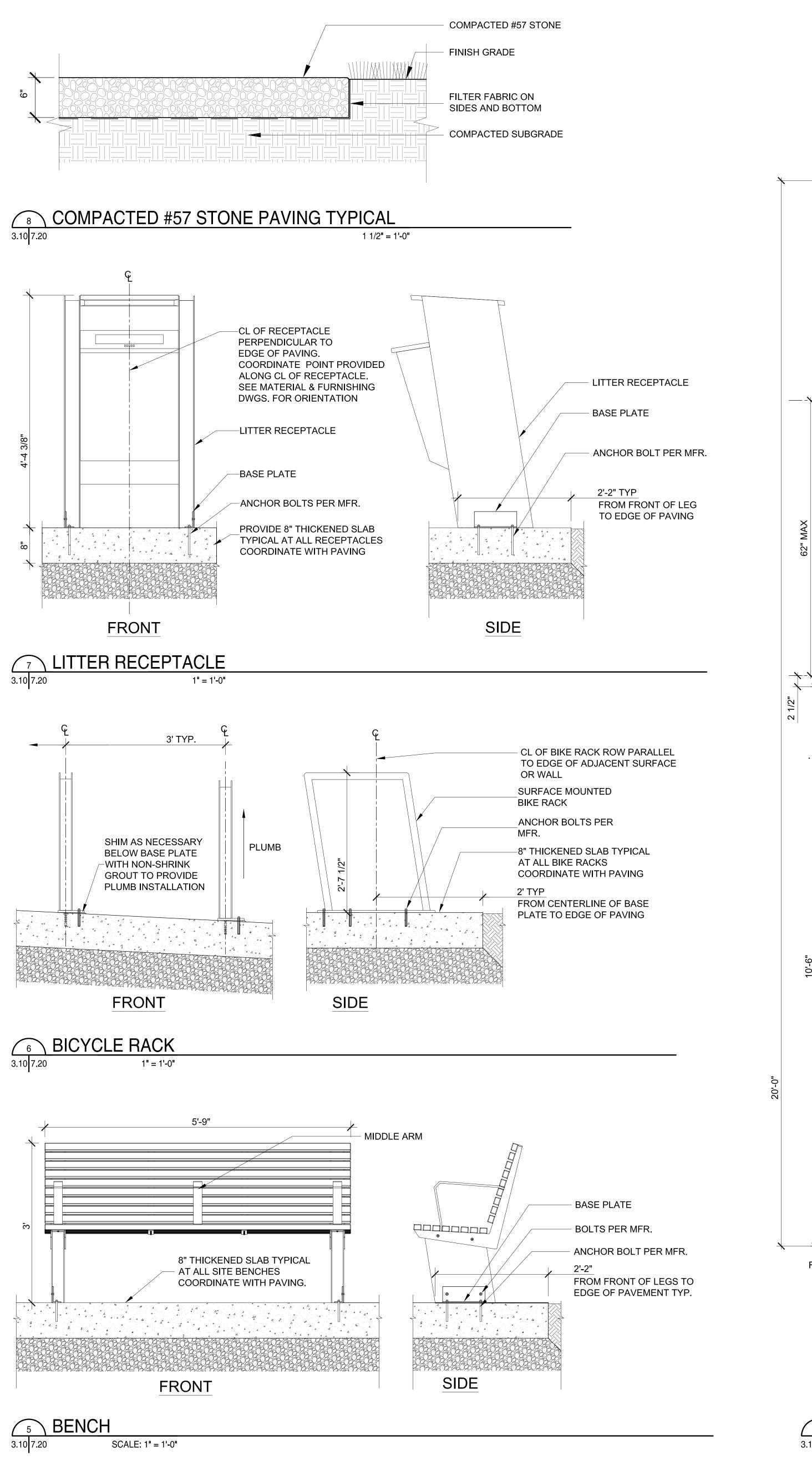
MARTIN Drawn By: Drawing Title: DETAILS GRADING

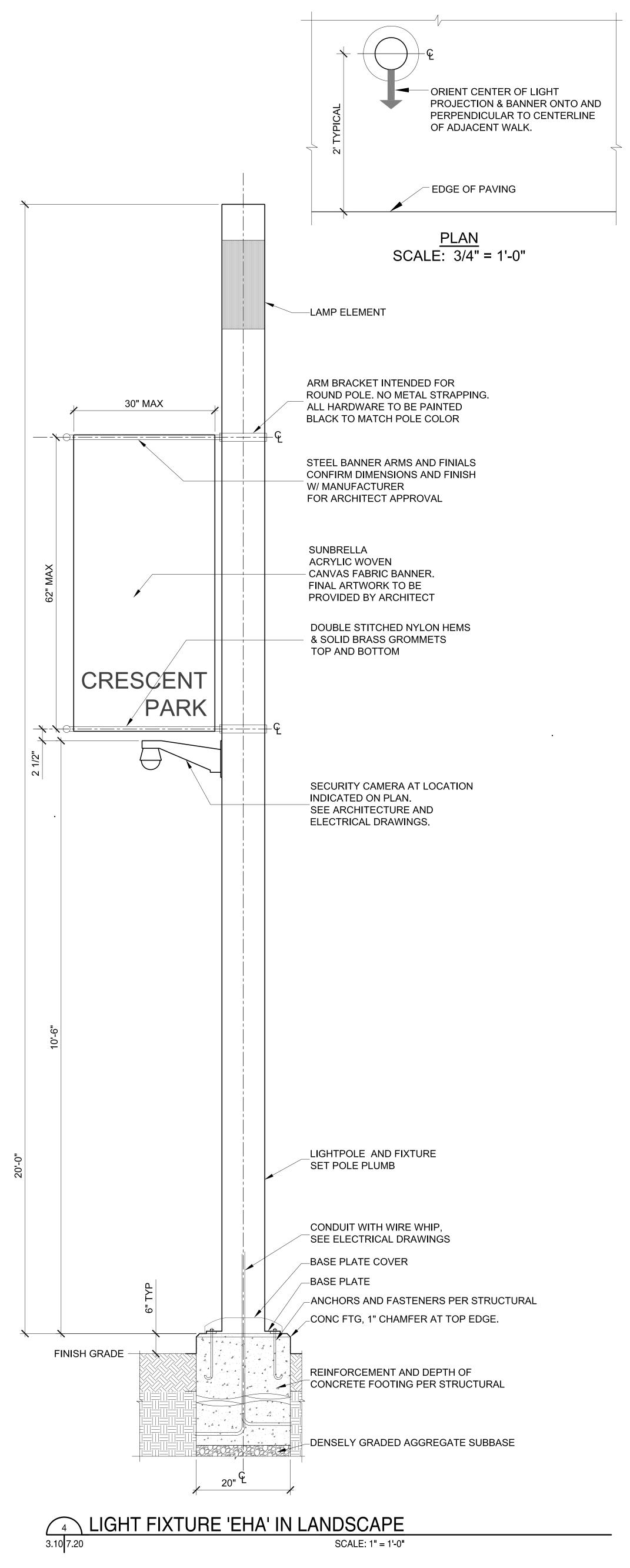
L7.10

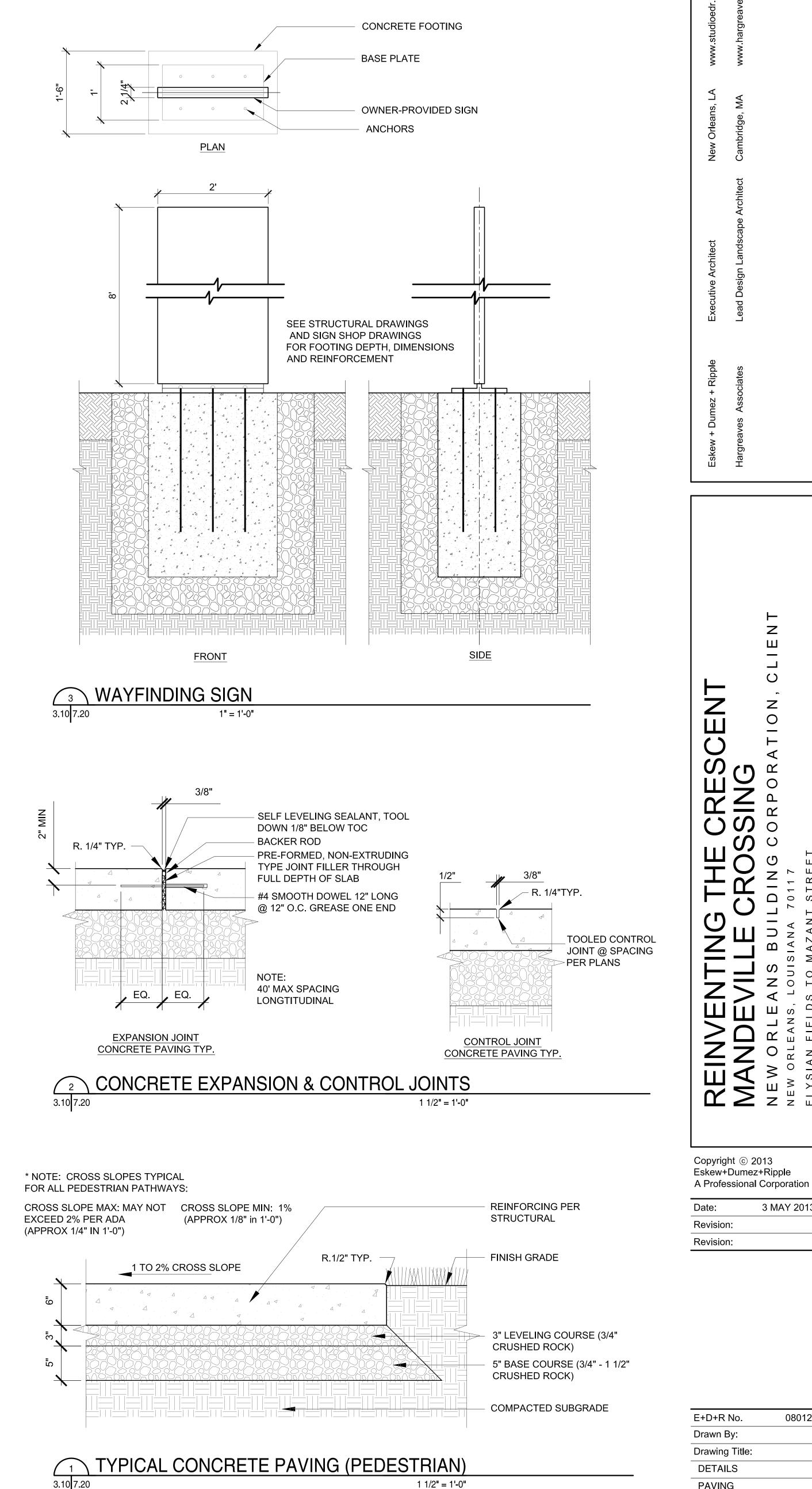
GRADING TOLERANCES - TYPICAL

2.10 7.10

1" = 1'-0"







GENERAL NOTES:

1. SEE STRUCTURAL DWGS FOR ALL BASE AND REINFORCEMENT INFORMATION.

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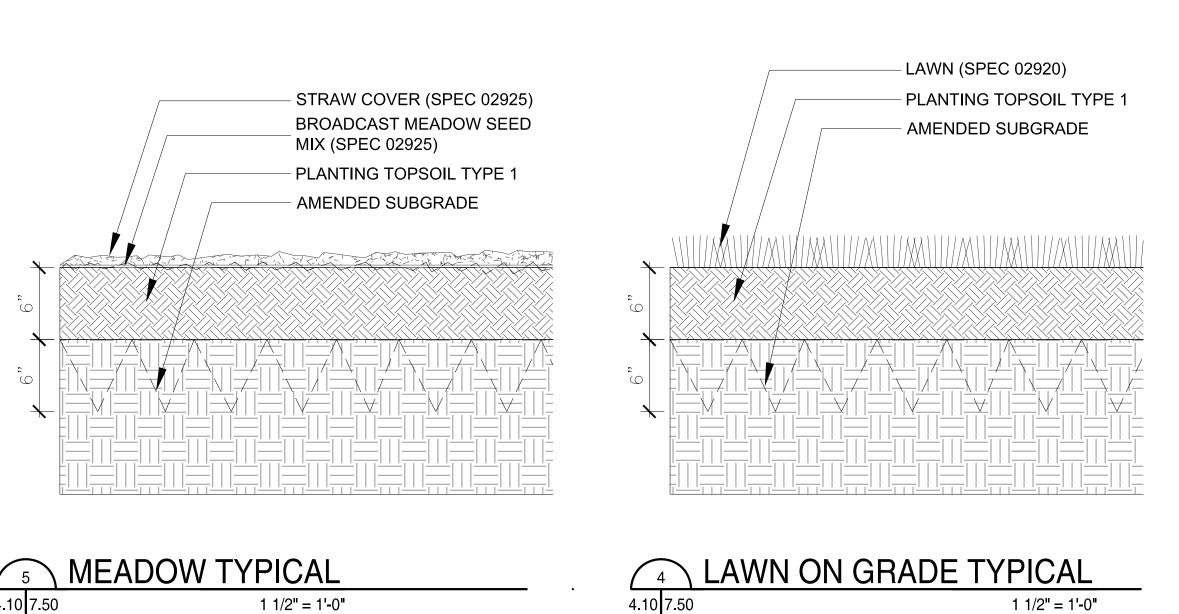
E+D+R No. 08012 Drawn By: Drawing Title: **DETAILS** PAVING SITE FURNISHINGS

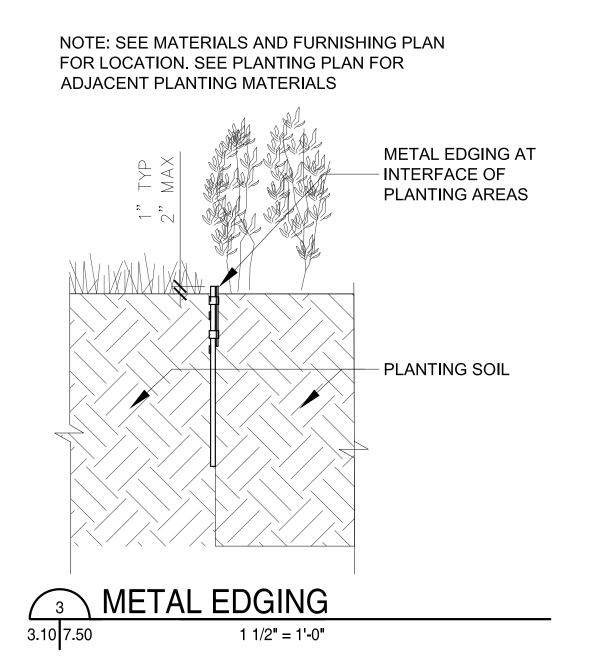
Sheet No:

L7.20

LAYOUT PATTERN AND SPACING PLAN

LAYOUT PATTERN AND SPACING PLAN 6 PLANT SPACING AND PATTERNS 1 1/2" = 1'-0"

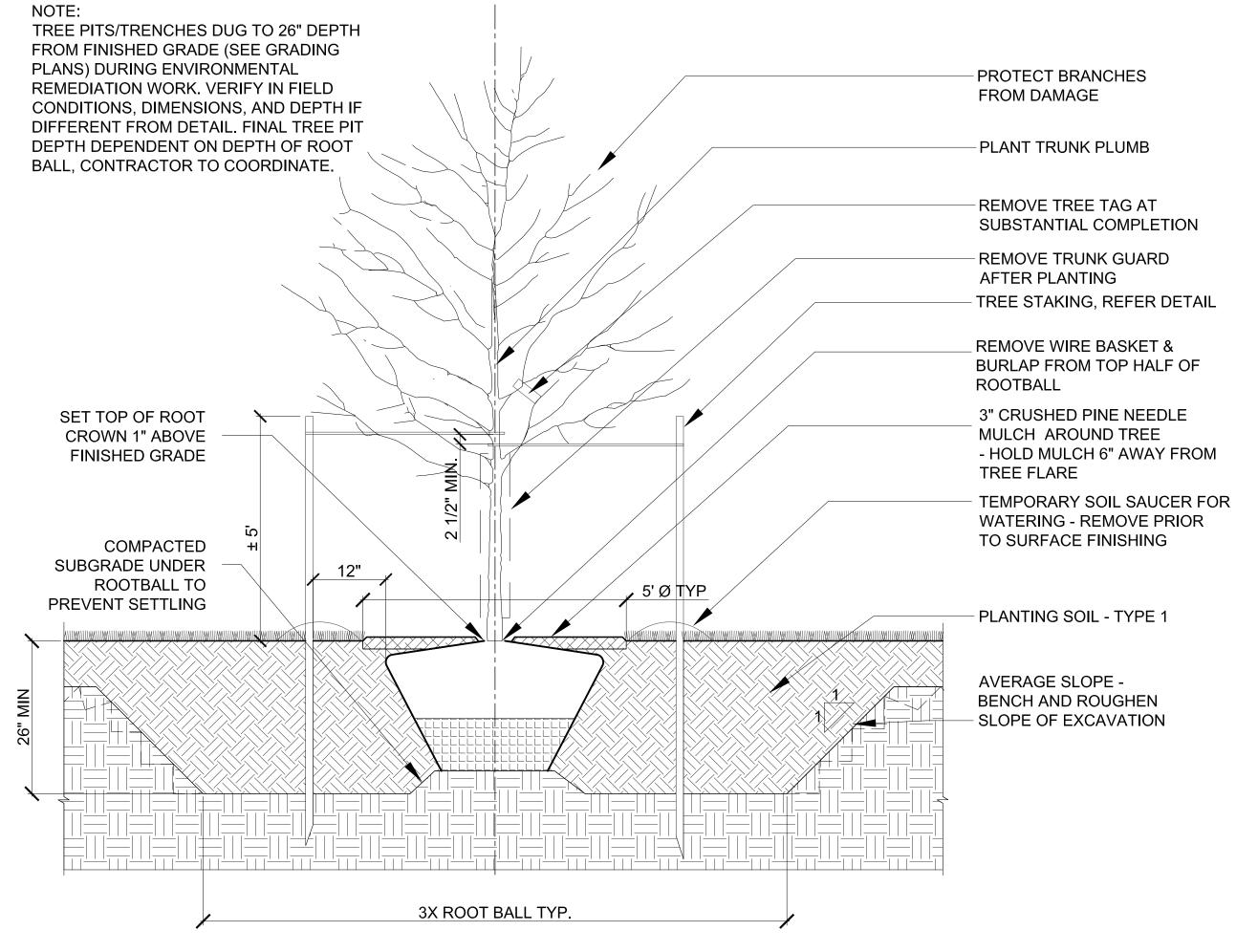




MONO SPECIES SPACING PLAN

_2-PLY BLACK REINFORCED STAKES SHALL BE SPACED NEOPRENE HOSE, MIN 1/2" AT EQUAL DISTANCE DIAMETER. LOOP AROUND FROM THE CENTRAL LEADER CENTRAL LEADER BELOW FIRST ON ALL TREES OF THE BRANCH. SAME SIZE AND AREA. FOR MULTI-STEM TREES, **ROUTE WIRES FROM POST** TO OPPOSITE SIDE OF TREE -GALV. MALLEABLE WIRE 12 GUAGE, DOUBLE STRAND -STEEL T-POST PAINTED DARK GREEN WITH WHITE TIPS (6"). 3 PER TREE. DRIVE POST MIN. 3 STEEL T-POSTS INTO GROUND. POSTS SHALL BE PARALLEL AND VERTICAL. TOP OF POST TO BE EVEN. SPACE POSTS 120 DEGREES APART.

² TREE STAKING 1/2" = 1'-0"



TREE PLANTING IN PLANTING AREAS / MEADOWS / LAWN 1/2" = 1'-0"

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3 MAY 2013 Revision: Revision:

SEE GENERAL NOTES & LEGEND ON L0.10

GENERAL NOTES

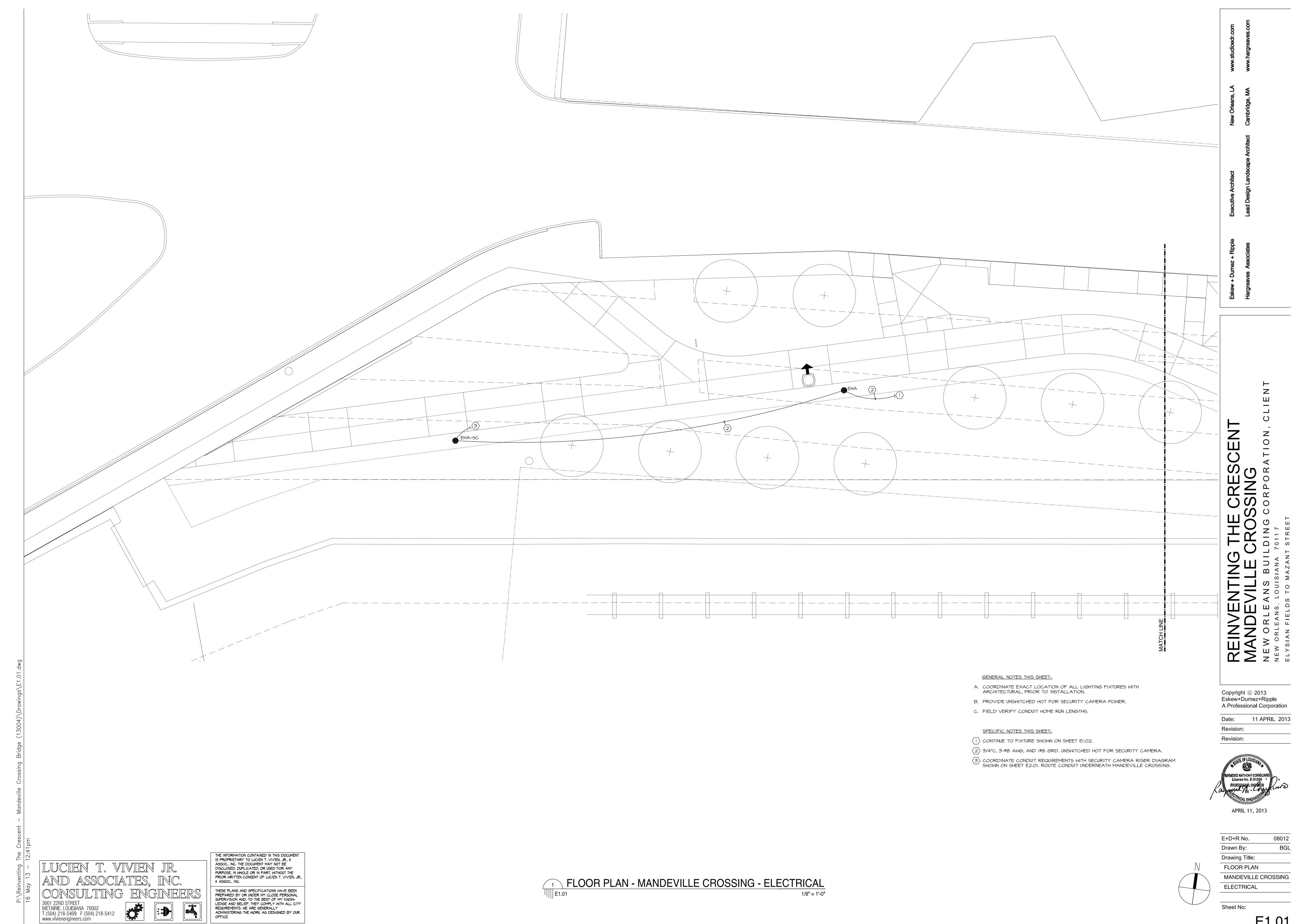
SEE PLANTING LAYOUT ON L4.10

UTILITIES NOTES

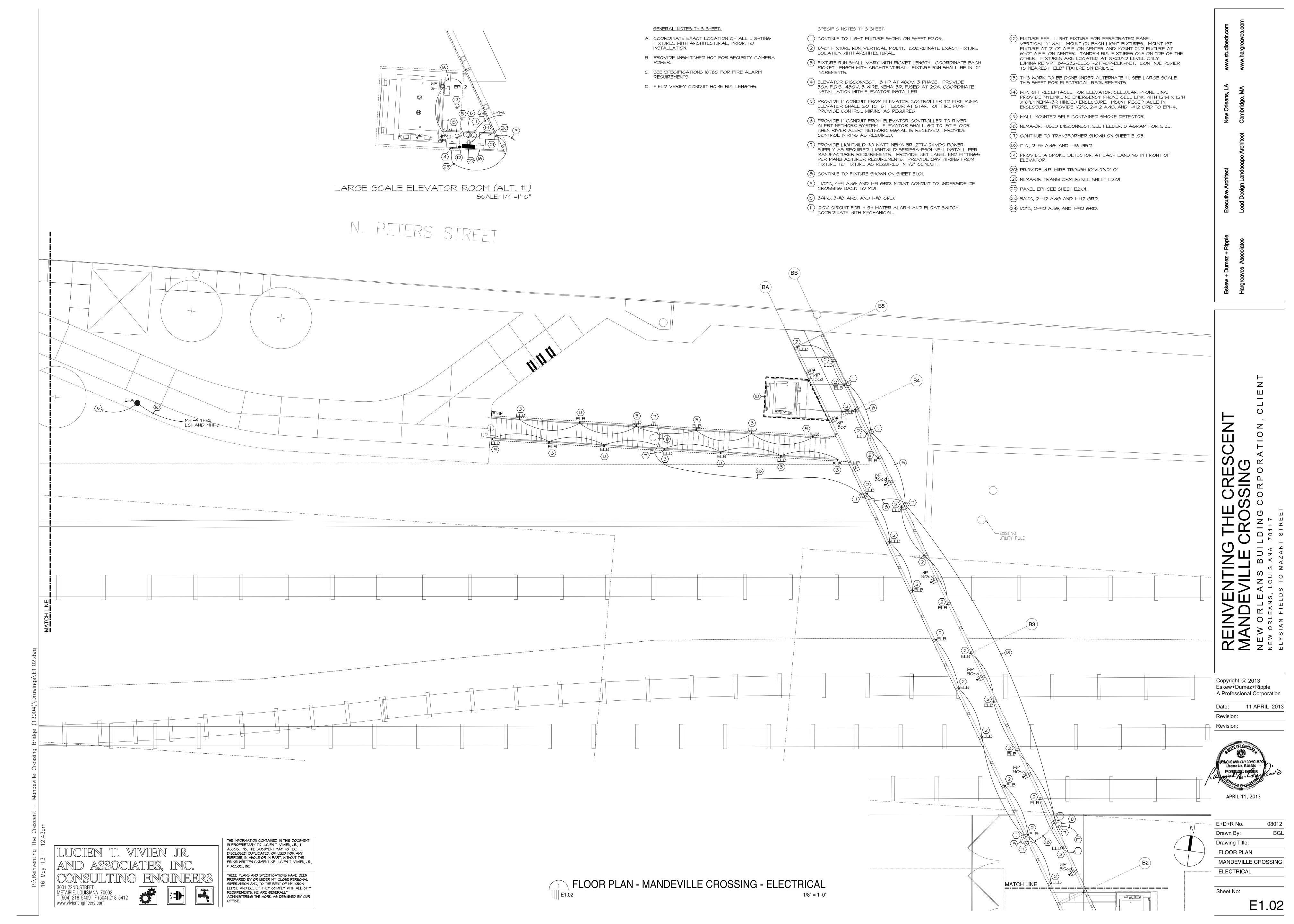
- 1. THE LOCATIONS AND SIZES OF EXISTING UTILITIES IF SHOWN ARE APPROXIMATE ONLY. IDENTIFY, LOCATE AND PROTECT ALL UNDERGROUND AND OVERHEAD UTILITIES TO REMAIN.
- 2. COORDINATE WITH THE LOCAL UTILITY COMPANIES AND/OR AGENCIES. NOTIFY THE LOCAL ONE CALL CENTER NO LESS THAN 72 HOURS PRIOR TO DIGGING TO LOCATE UNDERGROUND UTLITIES.
- 3. BE FULLY RESPONSIBLE FOR THE COST OF ANY AND ALL DAMGES WHICH OCCUR AS A RESULT OF A FAILURE TO ACCURATELY LOCATE AND/OR RETAIN ANY AND/OR ALL UTILITIES TO REMAIN.

08012 E+D+R No. Drawn By: MARTIN Drawing Title: **DETAILS** PLANTING

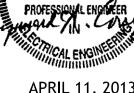
L7.50



E1.01



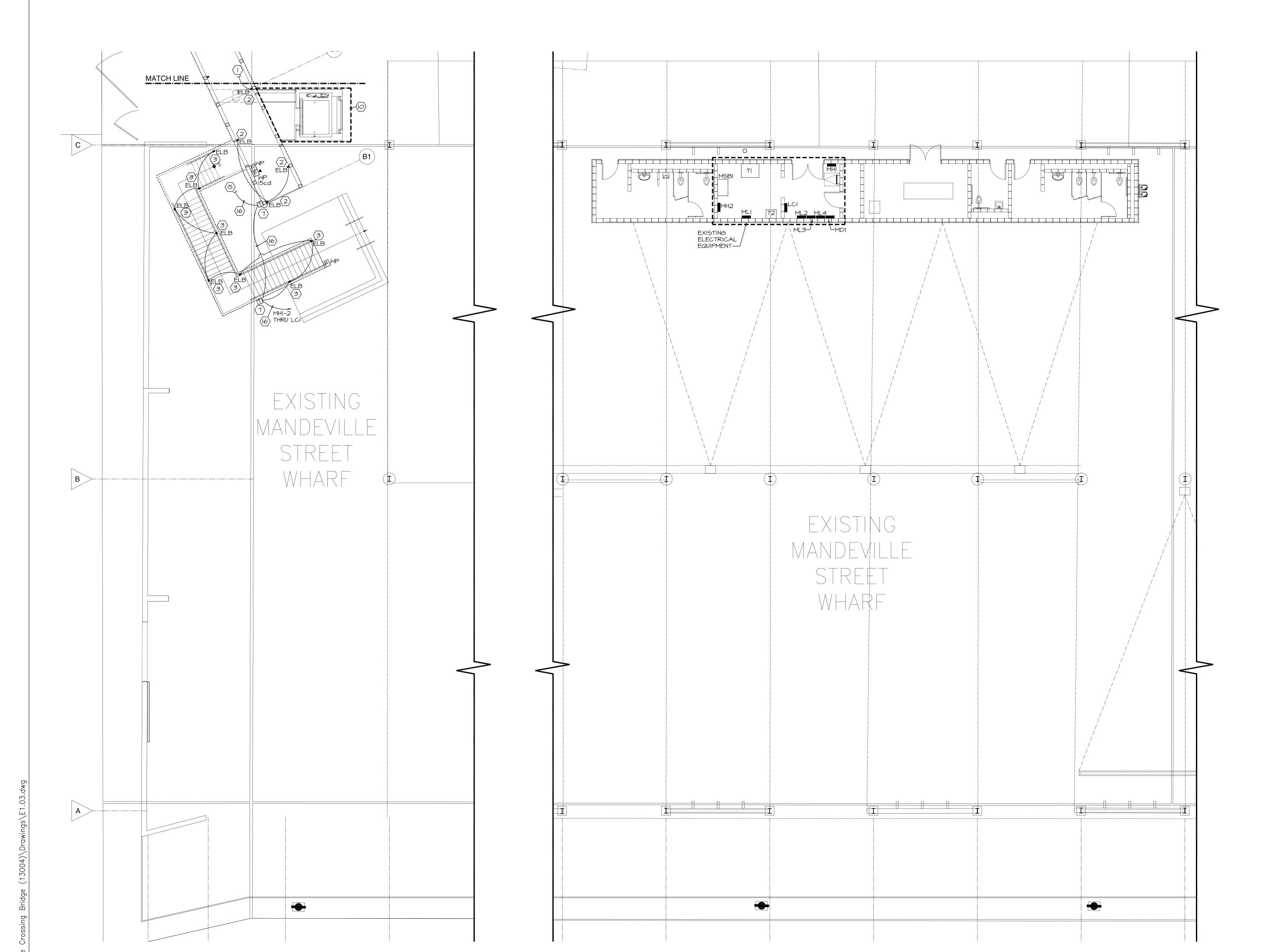
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E+D+R No. Drawn By: Drawing Title: FLOOR PLAN MANDEVILLE CROSSING **ELECTRICAL**

Sheet No: E1.03

FLOOR PLAN - MANDEVILLE CROSSING - ELECTRICAL ||| E1.03 1/8" = 1'-0"



REQUIREMENTS.

GENERAL NOTES THIS SHEET:

 $\langle I \rangle$ CONTINUE TO FIXTURE SHOWN ON SHEET EI.02.

SPECIFIC NOTES THIS SHEET:

AND I-#6 GRD, UNLESS NOTED OTHERWISE.

D. SEE SPECIFICATIONS 16760 FOR FIRE ALARM

E. FIELD VERIFY CONDUIT HOME RUN LENGTHS.

WITH ARCHITECTURAL, PRIOR TO INSTALLATION.

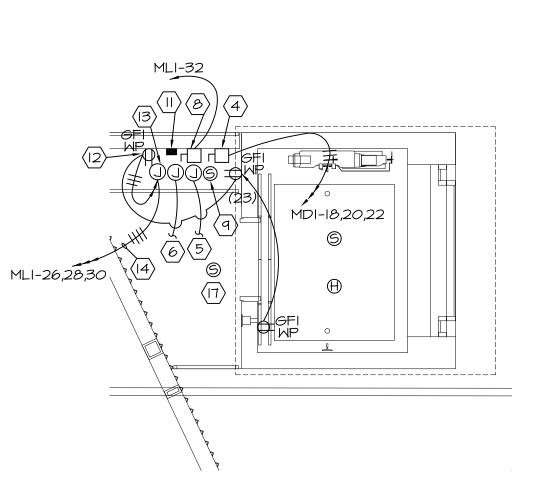
2 6'-0" FIXTURE RUN, VERTICAL MOUNT. COORDINATE EXACT LOCATION WITH ARCHITECTURAL.

A. ALL RACEWAYS SHALL BE I", AND SHALL CONTAIN 2-#6 AWG

B. COORDINATE EXACT LOCATION OF ALL LIGHTING FIXTURES

C. COORDINATE WITH LIGHTING CONTACTOR PANEL SCHEDULE.

- (3) FIXTURE RUN SHALL VARY WITH PICKET LENGTH. COORDINATE EACH PICKET LENGTH WITH ARCHITECTURAL. FIXTURE RUN SHALL BE IN 12" INCREMENTS.
- $\langle 4 \rangle$ ELEVATOR DISCONNECT. 8 HP AT 460V, 3 PHASE. PROVIDE 30A F.D.S., 480V, 4 WIRE, NEMA-3R, FUSED AT 20A. PROVIDE I"C., 3-#6 AWG, AND I-#6 GRD. COORDINATE INSTALLATION WITH ELEVATOR INSTALLER.
- PROVIDE I" CONDUIT FROM ELEVATOR CONTROLLER TO FIRE PUMP. ELEVATOR SHALL GO TO IST FLOOR AT START OF FIRE PUMP. PROVIDE CONTROL WIRING AS REQUIRED.
- (6) PROVIDE I" CONDUIT FROM ELEVATOR CONTROLLER TO RIVER ALERT NETWORK SYSTEM. ELEVATOR SHALL GO TO IST FLOOR WHEN RIVER ALERT NETWORK SIGNAL IS RECEIVED. PROVIDE CONTROL WIRING AS REQUIRED.
- (7) PROVIDE LIGHTWILD 90 WATT, NEMA 3R, 277V:24VDC POWER SUPPLY AS REQUIRED. LIGHTWILD SERIESA-PSOI-NE-I. INSTALL PER MANUFACTURER REQUIREMENTS. PROVIDE WET LABEL END FITTINGS PER MANUFACTURER REQUIREMENTS. PROVIDE 24V WIRING FROM FIXTURE TO FIXTURE AS REQUIRED IN 1/2" CONDUIT.
- (8) ELEVATOR CAB LIGHTING. PROVIDE 60A F.D.S., NEMA-3R, 120V, FUSED AT 35A. PROVIDE | 1/4" C., 2-#4 AWG, AND 1-#4 GRD.
- \P SELF CONTAINED SMOKE DETECTOR FOR EXHAUST FAN CONTROL.
- THIS WORK TO BE DONE UNDER ALTERNATE #1. SEE LARGE SCALE THIS SHEET FOR ELECTRICAL REQUIREMENTS.
- (II) FIXTURE EFF. LIGHT FIXTURE FOR PERFORATED PANEL. VERTICALLY WALL MOUNT (2) EACH LIGHT FIXTURES. MOUNT IST FIXTURE AT 2'-0" A.F.F. ON CENTER AND MOUNT 2ND FIXTURE AT 6'-0" A.F.F. ON CENTER. TANDEM RUN FIXTURES ONE ON TOP OF THE OTHER. FIXTURES ARE LOCATED AT GROUND LEVEL ONLY. LUMINAIRE VPF 84-232-ELECT-277-OP-BLK-WET. CONTINUE POWER TO NEAREST "ELO" FIXTURE ON BRIDGE.
- (12) RECEPTACLE FOR ELEVATOR CELLULAR PHONE LINK. PROVIDE MYLINKLINE EMERGENCY PHONE CELL LINK WITH 12"W X 12"H X 6"D, NEMA-3R HINGED ENCLOSURE. MOUNT RECEPTACLE IN ENCLOSURE.
- 13) 120V CIRCUIT FOR HIGH WATER ALARM AND FLOAT SWITCH. COORDINATE WITH MECHANICAL.
- (14) I" C., 4-#6 AWG, AND I-#6 GRD.
- $\langle \overline{\textbf{15}} \rangle$ continue to transformer on sheet EI.02.
- $\langle 16 \rangle$ 1"C. 2-#6 AWG, AND 1-#6 GRD.
- PROVIDE SMOKE DETECTOR AT EACH LANDING IN FRONT OF ELEVATOR.

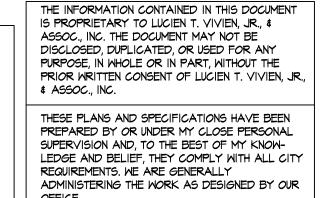


LARGE SCALE ELEVATOR ROOM (ALT. #1)

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

T (504) 218-5409 F (504) 218-5412

www.vivienengineers.com

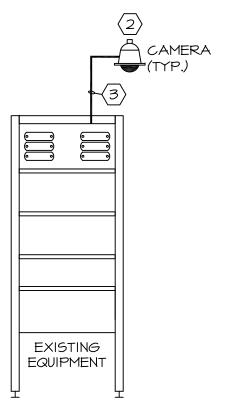


EXISTING ARCHITECTURAL CONTROLS' WIRING FOR MANDEVILLE SHED (LCI)

NOT TO SCALE

(285) POLE EXISTING MOUNTED. UPRIVER **TOILETS** A/V ROOM

SECURITY CAMERA RISER DIAGRAM NOT TO SCALE



UPRIVER A/V ROOM EQUIPMENT RISER DIAGRAM NOT TO SCALE

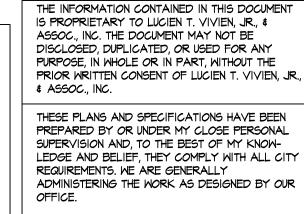
GENERAL NOTES THIS SHEET:

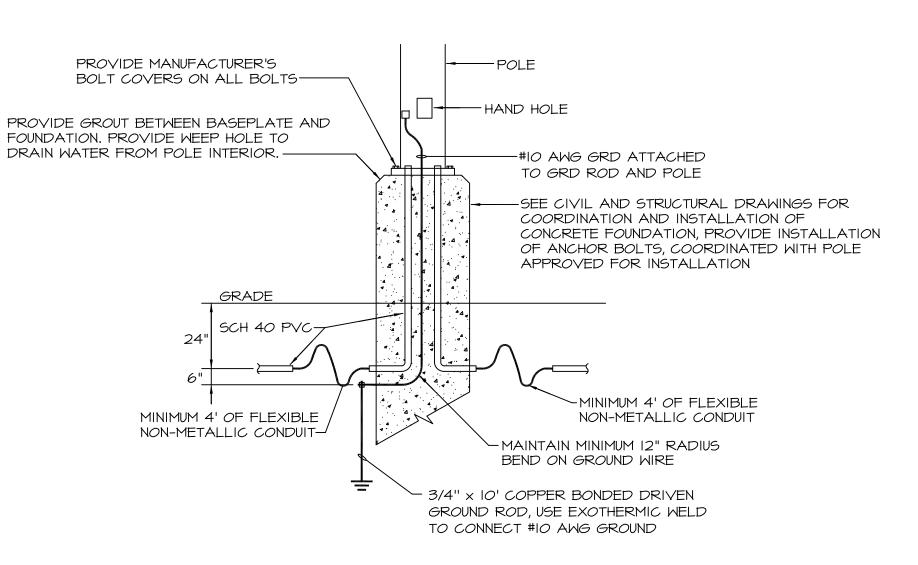
- A. PROVIDE PULL BOXES AS REQUIRED. MAX SEPARATION OF 400'-0". MINIMUM PULL BOX DIMENSIONS 2' Wx3' Lx2' D.
- B. MINIMUM CONDUIT DEPTH SHALL BE 18" BELOW GRADE AT TOP OF CONDUIT.
- C. MINIMUM BEND RADIUS FOR FIBER OPTIC CABLE TO BE 20X'S DIAMETER WHEN PULLING AND IOX'S DIAMETER WHEN INSTALLED.
- D. FOR ALL CAMERAS. PROVIDE 120V; 24V XFMR, IOOW MINIMUM, PER MANUFACTURER REQUIREMENTS. PROVIDE DITEK SURGE SUPPRESSION WITH GROUND BEFORE CAMERA AND AFTER THE SECONDARY SIDE OF TRANSFORMER. PROVIDE UNSWITCHED HOT FOR SECURITY CAMERA POWER. COORDINATE POWER WITH DRAWINGS.
- E. INSTALL SECURITY EQUIPMENT PER MANUFACTURER REQUIREMENTS.
- F. GROUND ALL LIGHTING POLES PER LIGHTING POLE FOUNDATION DETAIL THIS
- G. ALL FIBER SHALL BE TESTED AFTER INSTALL.
- H. PROVIDE 277V:120V, 100VA TRANSFORMER (SCHNEIDER ELECTRIC 9070TI00D5) MOUNTED IN A 6" X 4" X 4" NEMA 3R, ACCESSIBLE BOX FOR ALL CAMERAS WITH 27TV APPLICATIONS. ACCESSIBLY MOUNT BOX IN HAND HOLE OF POLE WHERE REQUIRED. CONTINUE #12 AWG TO LOW VOLTAGE TRANSFORMER MOUNTED IN ARM MOUNT OF CAMERA. PROVIDE 1/2" CONDUIT IN EXTERIOR LOCATIONS.

SPECIFIC NOTES THIS SHEET:

- $\langle \, \, | \, \, \rangle$ | 1/4"C., WITH | EA, 2 CELL, MAXCELL INNERDUCT. ONE MAXCELL SHALL BE "DETECTABLE MAXCELL." PROVIDE CORNING FREEDOM FIBER 2-FIBER CABLE. HOMERUN FIBER CABLE TO A/V ROOM. FIBER SHALL BE 62.5UM, GEL FREE, INDOOR/OUTDOOR GRADE.
- PELCO STANDARD AND ENVIRONMENTAL SECURITY CAMERA (SPECTRA V SD-435-PG-EO) WITH FIBER TRANSMITTER (FT850IIAMSTR) MOUNTED IN DOME. PROVIDE WALL MOUNT ADAPTER (PELCO IWM-24-GY) FOR ALL CAMERAS. PROVIDE POLE MOUNT ADAPTER (PELCO SWM-PA-GY) WHEN REQUIRED.
- (3) FOR EACH 2-FIBER CABLE, PROVIDE A BUFFER TUBE FAN OUT KIT AT CAMERA END (FAN-0D25-06) AND AT EQUIPMENT END (FAN-0D47-06). PROVIDE FIBER CONNECTORS, CORINING UNICAM PRETIUM-PERFORMANCE MULTIMODE CONNECTORS, 5T COMPATIBLE, 62.5UM.







LIGHT POLE FOUNDATION DETAIL NOT TO SCALE

								LOCA	NOITA	ELEVA	ATOR "LAND SIDE"	
	PANEL:	EP1						NE	ЕМА 3	RENC	LOSURE	
								MOUN	NTING	SURF	ACE	
	VOLTAGE:	120/208		PHAS	SE:	3						
				WIR	E:	4			E= H\	VAC E	QUIP. LOAD COOLING	
	BUS AMPS:	60									LOAD	
											ACLE LOAD	
	MAIN OVERCURRENT	DEVICE	TYPE:	MCB					W= N	VATER	HEATER	
									K= KI	TCHEN	EQ.	
	MAIN OVERC	URRENT A	AMPS:	60					M = M	ISC EC) .	
									S= SF	PARES		
									H = H	VACE	QUIP LOAD HEATING	
	REMARKS:	USE WIT	H GRO	UND BUS	5							
								CALCU	JLATE	D AIC:		
CKT	CIRCUIT NAME	BREAL	(ER	LOAD	USE	PH	USE	LOAD		AKER	CIRCUIT NAME	CKT
NO.		AMP	POLE	VA				VA	AMP	POLE		NO.
1	ELEV. CAB LIGHTING	35	1	3360	L	Α	R	1000	20	1	ELEV. RECEPT.	2
3	SPARE	20	1	1080	S	В	М	500	20	1	EMERGENCYCELL LINK	4
5	SPARE	20	1	1080	S	С	М	500	20	1	HIGH WATER ALARM	6
7						Α	S	1080	20	1	SPARE	8
9						В						10
11						С						12
13						Α						14
15						В						16
17						С						18
19						Α						20
21						В						22
23	<u> </u>					С						24
25						Α						26
27						В						28
29						С						30
31						Α						32
33	<u> </u>					В						34
35						C						36
37						A						38
39 41						B						40 42
41	*PROVIDE BREAKER WI	TH GROU	ND FA	JLT PRO	TECTION							42
		Bula	- ^	5114.0					5511		DEM 104B	
L I\ / A	C COOLING LOAD (VA)	PHAS 0		PHAS		PH		TOT CONN		AND	DEM .LOAD 0	
	C COOLING LOAD (VA)	_		0			0	0	1		-	
	HTING LOAD (VA)	336 100		0			0	3360 1000	1		3360 1000	
	CEPTACLE LOAD (VA) TER HEATER LOAD (VA)	100	U	0			0	0	1		0	
		0		0			0	0	1		0	
	CHEN EQ. LOAD (VA) C EQ. LOAD (VA)	0		500			500	1000	1		1000	
	RES (VA)	108	0	108			080	3240	1		3240	
	C HEATING LOAD (VA)	0	U	0		'	080	0	1		0	
	TOTAL LOAD (VA)	544	0	158	0	1	580	8600			8600	
	. Since conto (viv)	074	-	100	_			0000			0000	
	TOTAL	CONN AN	IPS =	38			TOTA	AL DEMAI	ND AN	IPS =	32	

											DEVILLE ELECTRICAL RM	
	EXISTING PANEL:	MD1						NE	EMA 3	RENC	LOSURE	
								MOUN	NTING	SURF	ACE	
	VOLTAGE:	480/277		PHAS	SE:	3						
				WIR	E:	4			E= H\	VAC E	QUIP. LOAD COOLING	
	BUS AMPS:	100							L= LIC	SHTING	S LOAD	
									R= RE	ECEPT	ACLE LOAD	
	MAIN OVERCURRENT	T DEVICE	TYPE:	MAIN					W= V	VATER	HEATER	
									K= KI	TCHEN	I EQ.	
	MAIN OVERC	URRENT	AMPS:	100					M = M	ISC EC	Q .	
									S= SF	PARES	}	
									H = H	VAC E	QUIP LOAD HEATING	
	REMARKS:	USE WIT	H GRO	UND BUS	3							
								CALC	JLATE	DAIC:	7,214 A	
		DIMMING	PANE	L. COOF	RDINA	E W	ITH CO	NTACTOR	PANE	L LC1.		
CKT	CIRCUIT NAME	BREA	KER	LOAD	USE	PH	USE	LOAD	BRE	AKER	CIRCUIT NAME	CKT
NO.		AMP	POLE	VA				VA	AMP	POLE		NO.
1	MANDEVILLE SHED	20	1	486	L	Α	L	1500	20	1	MANDEVILLE SHED	2
3	MANDEVILLE SHED	20	1	486	L	В	L	1500	20	1	MANDEVILLE SHED	4
5	MANDEVILLE SHED	20	1	1500	L	С	L	1500	20	1	MANDEVILLE SHED	6
7	MANDEVILLE SHED	20	1	1500	L	Α	L	1500	20	1	MANDEVILLE SHED	8
9	MANDEVILLE SHED	20	1	1600	L	В	L	1500	20	1	MANDEVILLE SHED	10
11	MANDEVILLE SHED	20	1	1600	L	С	L	1500	20	1	MANDEVILLE SHED	12
13	MANDEVILLE SHED	20	1	1600	L	Α	L	1500	20	1	MANDEVILLE SHED	14
15	MANDEVILLE SHED	20	1	1600	L	В	L	1500	20	1	MANDEVILLE SHED	16
17	MANDEVILLE SHED	20	1	1500	L	С	М	4400	20*	3	ELEVATOR RIVER SIDE	18
19	MANDEVILLE SHED	20	1	1500	L	Α	М	4400	-	-	480V. 3 PHASE	20
21	ELEVATOR/TRANSFORMER	30*	3	5000	S	В	М	4400	-	-	-	22
23	LAND SIDE	_	_	5000	S	С	S	1080	20	1	SPARE	24
25	480V. 3 PHASE	-	-	5000		Α						26
27						В						28
29						С						30
31						Α						32
33						В						34
35						C						36
37						Α						38
39						В						40
41						C						42
	* PROVIDE BREAKER W	ITH GRO	JND FA	ULTPRO	TECT	ON.						
		PHAS	EΑ	PHASE	EΒ	PHA	ASE C	TOT CONN	DEM	AND	DEM .LOAD	
HVA	C COOLING LOAD (VA)	0		0			0	0	1		0	
LIGH	TING LOAD (VA)	958	6	818	6	7	600	25372	0.8		20297.6	
REC	EPTACLE LOAD (VA)	0		0			0	0	0.8		0	
WAT	ER HEATER LOAD (VA)	0		0			0	0	1		0	
	HEN EQ. LOAD (VA)	0		0			0	0	0.8		0	
MISC	C EQ. LOAD (VA)	440	0	440	0	4	400	13200	0.8		10560	
SPA	RES (VA)	0		500	0	6	080	11080	0.75		8310	
	C HEATING LOAD (VA)	0		0			0	0	1		0	
	()											
	TOTAL LOAD (VA)	139	86	1758	36	18	8080	49652			39167.6	
TOT		CONN A	ADC -	60			TOT	AL DEMA	ND AN	IPS -	47	

ELECTRICAL/TELECOM

SINGLE POLE SWITCH

THREE WAY SWITCH

HOME RUN TO PANEL

CONCEALED WIRING

ELECTRIC METER

JUNCTION BOX

LOCATION MANDEVILLE ELECTRICAL RM

DIMMER SWITCH

WEATHERPROOF TOGGLE SWITCH

DISCONNECT SWITCH W/VISIBLE BLADES

ELECTRIC MOTOR W/APPROVED DISCONNECT SWITCH

DESCRIPTION

LETTER DENOTES

FIXTURE CONTROL

CROSS LINES DENOTE

NUMBER OF CONDUCTORS WHEN MORE THAN TWO

SYMBOL

								LOCA	NOITA	MAND	EVILLE ELEC ROOM	
	EXISTING PANEL:	MH1						NE	EMA 3	RENC	LOSURE	
								MOUN	NTING	SURF	ACE	
	VOLTAGE:	480/277		PHAS	SE:	3						
				WIR	E:	4			E= H	VAC E	QUIP. LOAD COOLING	
	BUS AMPS:	100							L= LIC	SHTING	LOAD	
											ACLE LOAD	
	MAIN OVERCURRENT	DEVICE	TYPE:	MCB							HEATER	
										TCHEN		
	MAIN OVERC	URRENT	AMPS:	100						ISC EC		
										PARES		
									H = H	VACE	QUIP LOAD HEATING	
	REMARKS:	USE WIT	H GRO	UND BUS	S							
								CALC	JLATE	D AIC:		
									,			
CKT	CIRCUIT NAME	BREA	·	LOAD	USE	PH	USE	LOAD		AKER	CIRCUIT NAME	CK
NO.		AMP	POLE	VA				VA		POLE		NO
1	AIR COMPRESSOR	20	3	2300	M	Α	L	2400	20	1	MANDEVILLE CROSSING	2
3	3HP	-	-	2300	M	В	L	2400	20	1	MANDEVILLE CROSSING	4
5	480V. 3 PHASE	-	-	2300	M	С	S	1080	20	1	SECURITY CAMERA #1	6
7	SPARE	20	1	1080	S	Α	S	1080	20	1	SPARE	8
9	SPARE	20	1	1080	S	В	M	6648	40	3	SEWER LIFT STATION	10
11	SECTION J & K SITE LTG	20	1	2250	L	С	M	6648	-	-	2-5HP	12
13	SECTION J & K BOLLARD	20	1	560	L	Α	M	6648	-	-	480V. 3 PHASE	14
15	EUH-1	20	3	2000	Н	В	M	941	20	3	JOCKEY PUMP	16
17	5KW	-	-	2000	H	С	M	941	-	-	480V. 3 PHASE	18
19	480V. 3 PHASE	-	-	2000	<u> </u>	Α	M	941	-	-	2 HP	20
21	SPARE	20	1	1080	S	В	S	1080	20	1	SPARE	22
23	ELLIPSE LTG	20	1	2500	<u>L</u>	С	S	1080	20	1	SPARE	24
25	SPACE					Α					SPACE	26
27	SPACE					В					SPACE	28
29	SPACE					С					SPACE	30
31	SPACE					Α					SPACE	32
33	SPACE					В					SPACE	34
35	SPACE		<u> </u>		-	С					SPACE	36
37	SPACE	<u></u>			ļ	A					SPACE	38
39	SPACE	<u></u>			ļ	В		<u> </u>		<u> </u>	SPACE	40
41	SPACE			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		С		<u> </u>	***************************************		SPACE	42
		PHAS	FΔ	PHAS	FR	РЦ	ASE C	TOT CONN	DEM	ΔΝΩ	DEM .LOAD	
HVA	C COOLING LOAD (VA)	0		0			0	0	1		0	
	TING LOAD (VA)	296		240		4	750	10110	1		10110	
	EPTACLE LOAD (VA)	0		0		· ·	0	0	0.8		0	
	ER HEATER LOAD (VA)	0		0			0	0	1		0	
	HEN EQ. LOAD (VA)	0		0			0	0	0.8		0	
	C EQ. LOAD (VA)	988		988		9	889	29667	0.8		23733.6	
	RES (VA)	216		324			160	7560	0.7		5292	
	C HEATING LOAD (VA)	200		200			2000	6000	1		6000	
	TOTAL LOAD (VA)	1700	09	175	29	1:	8799	53337			45135.6	
	TOTAL	CONN AN	MPS =	64			TOTA	AL DEMA	ND AN	IPS =	54	

LOCATION MANDEVILLE ELECTRICAL RM

E= HVAC EQUIP. LOAD COOLING

NEMA 3R ENCLOSURE

L= LIGHTING LOAD R= RECEPTACLE LOAD

W= WATER HEATER

K= KITCHEN EQ.

M= MISC EQ.

S= SPARES

MOUNTING SURFACE

SYMBOL

LEGEND

DESCRIPTION

DUPLEX RECEPTACLE MTD. 18" ABOVE FLOOR

DUPLEX RECEPTACLE, WEATHERPROOF

DATA/CABLE OUTLET (WALL)

TELEPHONE OUTLET (WALL)

TELEPHONE OUTLET (FLOOR)

TELEPHONE/DATA OUTLET (WALL)

SPECIAL OUTLET

DUPLEX RECEPTACLE MTD. ABOVE WORK SURFACE

DUPLEX RECEPTACLE W/GROUND FAULT INTERRUPTER

QUADRAPLEX RECEPTACLE MTD. 18" ABOVE FLOOR

LIE	SHTING FIXTURE	SCHEDULE
MARK	DESCRIPTION	LAMP
ELB	RECESSED PICKET FIXTURE. PROVIDE 15W, 277:24V TRANSFORMER, I	NEMA-3R ENCLOSURE. 2.8W/12INL LED
EHA	POLE MOUNT SITE LIGHT WITH BANNER ATTACHMENTS, PROVIDE 277: NEMA 3R ENCLOSED. HESS: NL20-GL2-LED/W-AR900/LI.6-I50M-V-BHI5/HH/EF-SG-ABBC-I,	I50W CMH AND LED
EHA-SC	POLE MOUNT SITE LIGHT WITH BANNER ATTACHMENTS, PROVIDE 277: NEMA 3R ENCLOSED, WITH SECURITY CAMERA. HESS: NL20-GL2-LED/W-AR900/LI.6-I50M-V-BHI5/HH/EF-SG-ABBC-I,	ISOW CMH AND LED
EFF	FLUORESCENT FIXTURE. LUMINAIRE: VPF-84-2F32T8277-0P-BLK-WET	2-32W T8

			NEMA 3R ENCLOSURE
NAME	ZONE#	DOMAIN#	PANEL CKT #
SECT. J&K SITE LTG, Mand Cross,			
Mand Cross.	Z1	1	MH1-11,2,4
MAND WHARF LTG	Z2	1	MH1-13
ELLIPSE LTG	Z5	1	MH1-23
			MH1-1,3,5,7,9,
MANDEVILLE SHED HID	Z1	2	15,17,19,21
			MD1-
			1,3,5,7,9,11,13,15,17,
MANDEVILLE DIMMING FLUOR.	Z2	2	19, 2,4,6,8,10,12,14,16
FAMILY TOILET	Z4	2	ML1-16
SPARE	Z 5	2	
UPRIVER TOILET	Z6	2	ML1-10,18

ELEVATOR ELECTRIC	MANDEVILLE CROSSING	ELEVATOR ELECTRIC
GEAR "LAND SIDE"	COLUMNS OF MANDEVILLE CROSSING	GEAR "RIVER SIDE" SEE EI.03 EXISTING MANDEVILLE SHED ELECTRICAL ROOM
EPI T3 (5) (4)	EXISTING FLOOD WALL EXISTING RAI	MDI MDI TO TO

	REMARKS:	USE WIT	H GRO	IIND RII	\$			CALC		D AIC:	QUIP LOAD HEATING	
	INLIMATING.	OOL WII	TI GILO	OND BOX				OALO	DAIL	D AIC.		
CKT	CIRCUIT NAME	BREA	KER	LOAD	USE	РН	USE	LOAD	BRE	AKER	CIRCUIT NAME	Ch
NO.		AMP	POLE	VA				VA		POLE		N
1	WIRLESS XMTR	20	1	500	R	Α	R	1200	20	1	PROJECTOR	2
3	PROJ. & WIR. XMTR	20	1	1300	R	В	R	1200	20	1	PROJECTOR	4
5	WIRLESS XMTR	20	1	500	R	С	R	1200	20	1	PROJECTOR	6
7	AV RECEPTACLE	20	1	1200	R	Α	R	1200	20	1	PROJECTOR	8
9	AV RECEPTACLE	20	1	1200	R	В	L	1200	20	1	UPRIVER LTS	1
11	ELEC ROOM RECEPT	20	1	1200	R	С	М	1200	20	1	EF1-2 UPRIVER	1
13	LTG CTRL POWER SUPPLY	20	1	1800	R	Α	М	1200	20	1	EF1-3 UPRIVER	1
15	GROUND SPRAYS	30*	2	1500	М	В	L	1200	20	1	FAMILY TOILET	1
17	208V, 1 PHASE	-	-	1500	М	С	L	1200	20	1	UPRIVER LTS	1
19	GROUND SPRAYS	30*	1	1500	М	Α	M	500	20	3	IRRIGATION CONTROLLER	2
21	DRY PIPE CNTRL VALVE	20	1	500	М	В	М	500	-	-	-	2
23	SPARE	20	1	1080	S	С	M	500	-	-	-	2
25	SPARE	20	1	1080	S	Α	R	1000	20	1	**ELEVATOR RECEPT	2
27	SPARE	20	1	1080	S	В	R	500	20	1	**BMERGENCY CELL LINK	2
29	SPARE	20	1	1080	S	С	R	500	20	1	**HIGH WATER ALARM	3
31	FIRE ALARM PANEL	20	1	1080	S	Α	R	3360	35*	1	**ELEV. CAB LTG	3
33	SPARE	20	1	1080	S	В					SPACE	3
35	SPACE					С			<u> </u>		SPACE	3
37	SPACE					Α					SPACE	3
39	SPACE					В					SPACE	4
41	SPACE	ST.				С					SPACE	4
	*GFI RATED BREAKER	<u></u>							4			
		5114.0		DUAG		DII					DEM 1015	
	0.0001.0101.040.040	PHAS		PHAS		PH		TOT CONN		AND	DEM .LOAD	
	C COOLING LOAD (VA)	0		0			0	0	1		0	
	TING LOAD (VA)	0		240			200	3600	0.8		2880	
	EPTACLE LOAD (VA)	1026		420		3	400	17860	0.8		14288	
	ER HEATER LOAD (VA)	0		0			0	0	1		0	
	HEN EQ. LOAD (VA)	0		0		11-	0	0	0.8		0	
	EQ. LOAD (VA)	320		250	7		200	8900	0.8		7120	
	RES (VA)	216		216		2	160	6480	0		0	
HVA	C HEATING LOAD (VA)	0		0			0	0	1		0	
	TOTAL LOAD (VA)	1562	20	112	60	9	960	36840			24288	
											-	
	TOTAL	CONN AN	MPS =	102			TOT	AL DEMA	ND AN	IPS =	67	

EXISTING PANEL: ML1

VOLTAGE: 120/208

MAIN OVERCURRENT DEVICE TYPE: MCB

MAIN OVERCURRENT AMPS: 100

"LAND SIDE	E" ELECTRICAL	_ GEAR TO	MANDEVILLE	ELECTRICAL	ROOM RISER	DIAGRA
						NOT TO SCAL

AM

ELECTRICAL SCHEDULES AND DETAILS

SPECIFIC NOTES THIS SHEET:

6 PROVIDE W.P. 480V, 40A WIRE TROUGH.

(8) 480: 120/208V, 34, 6.5KVA, NEMA-3R.

7 PROVIDE I 1/2"C WITH 4-#1 AWG AND 1-#1 GRD.

4 PROVIDE 30A F.D.S., NEMA-3R, 480V, 4 WIRE FUSED AT 20A.

 $\langle 5 \rangle$ PROVIDE 30A F.D.S., NEMA-3R, 480V, 4 WIRE FUSED AT 20A.

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