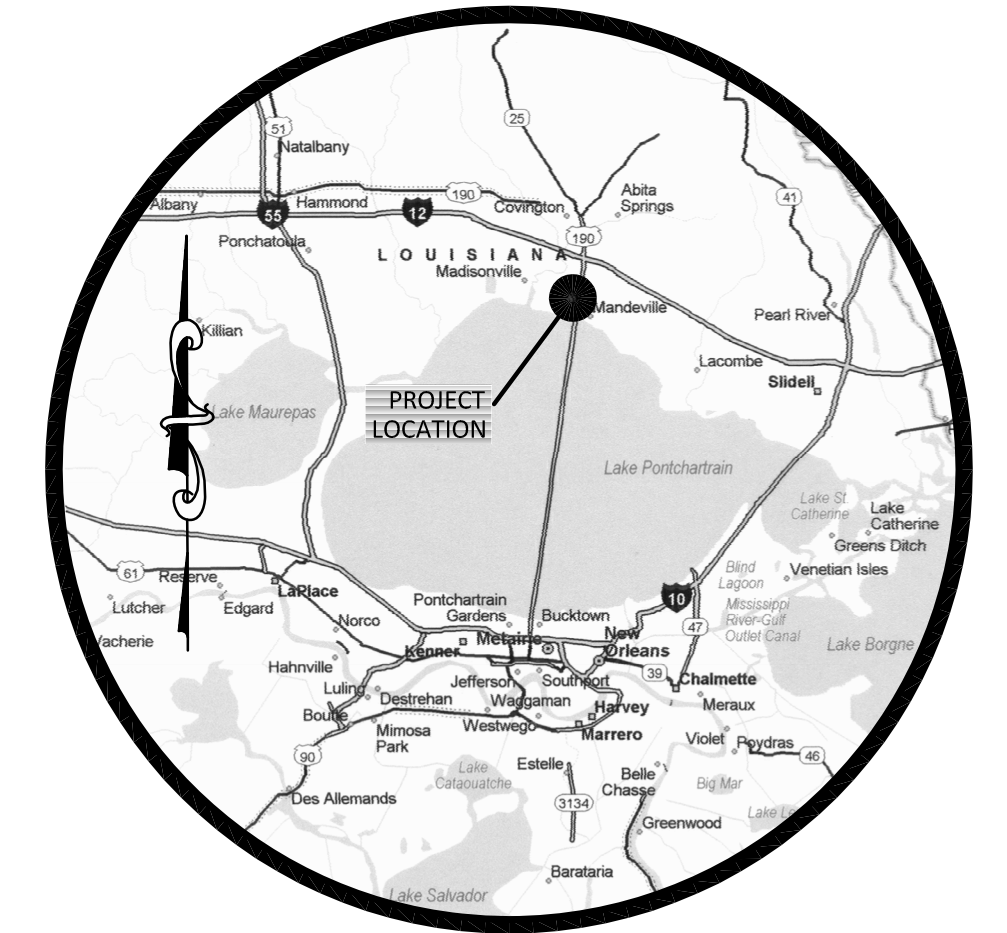


# CITY OF MANDEVILLE

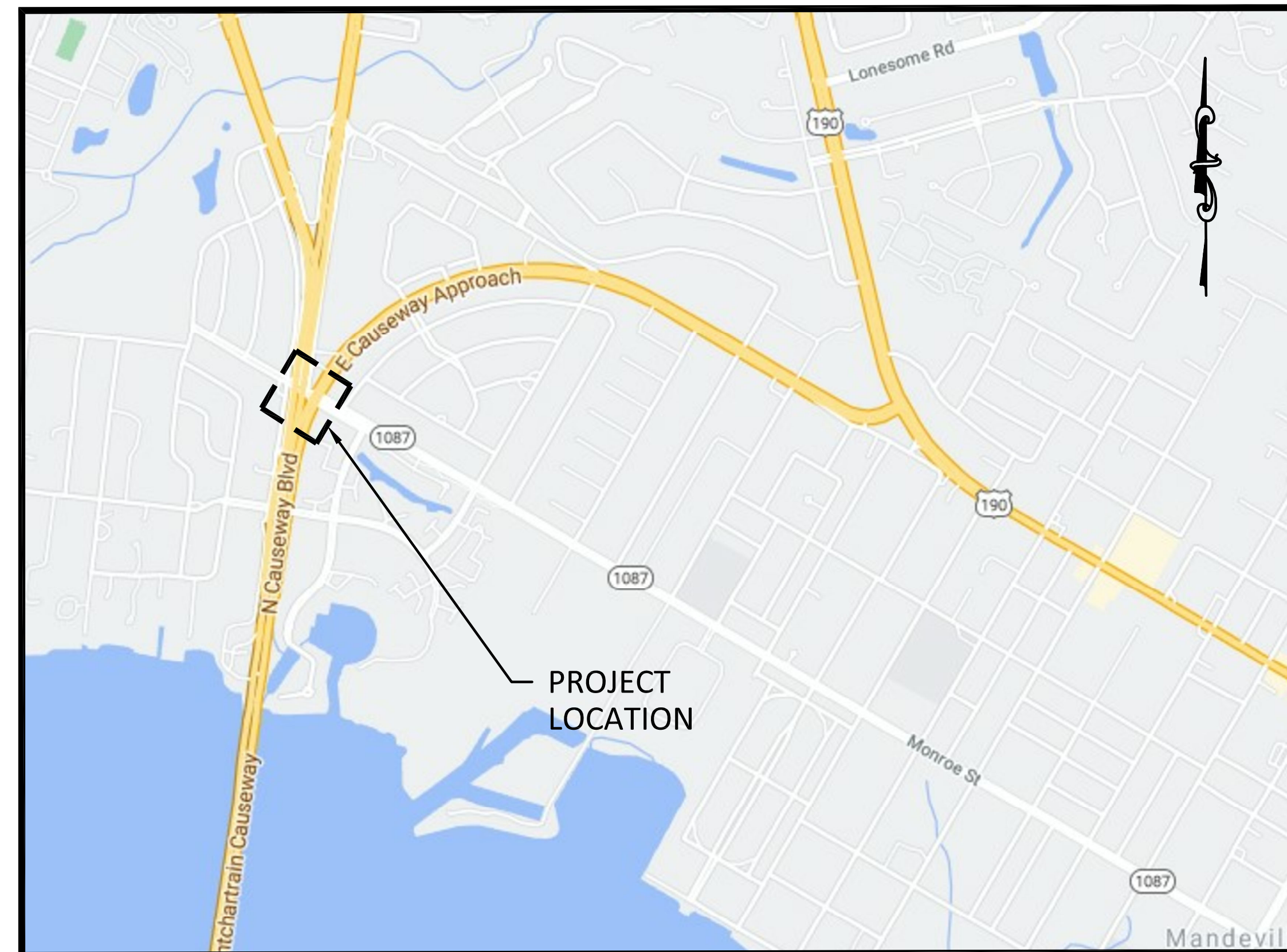
## MONROE STREET UNDERPASS at CAUSEWAY BOULEVARD LANDSCAPE IMPROVEMENTS MANDEVILLE, LOUISIANA

### INDEX TO SHEETS

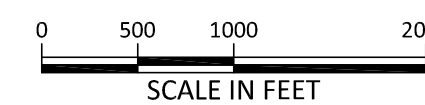
SHEET NO.	DESCRIPTION
-	TITLE SHEET
-	TOPOGRAPHIC SURVEY
L1.0	PROJECT MASTER PLAN
L2.0	HARDSCAPE SITE FEATURES
L3.0	LANDSCAPE PLANTING PLAN
L4.0	LANDSCAPE FEATURE DETAILS
L5.0	LANDSCAPE NOTES & DETAILS



VICINITY MAP  
SCALE: 1 INCH = 15 MILES



SITE MAP  
SCALE: 1 INCH = 1000 FEET



JANUARY 25, 2021



KYLE ASSOCIATES PROJECT NO. 20054

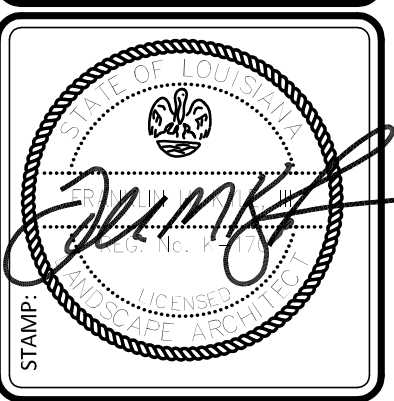


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SCALE: (2284) 1" = 20'	SCALE: (1147) 1" = 40'	DATE: 12/09/20	

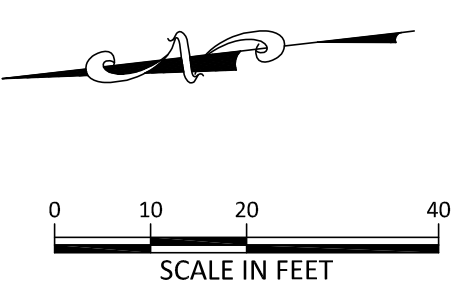
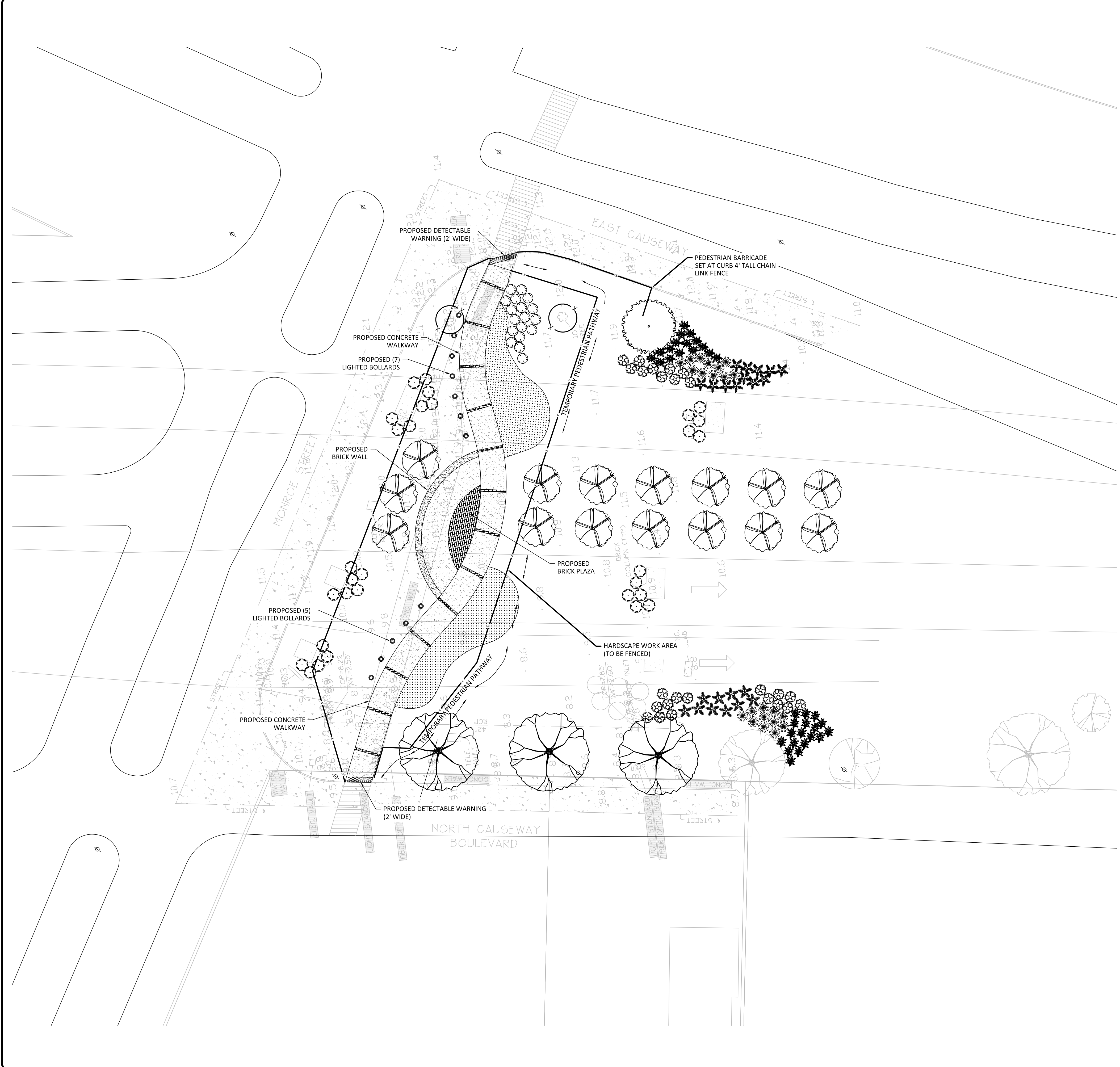
**MONROE STREET UNDERPASS AT  
CAUSEWAY BLVD. LANDSCAPE IMPROVEMENTS**  
MANDEVILLE, LOUISIANA

**PROJECT MASTER PLAN**

NO.	DATE	REVISIONS	APPD

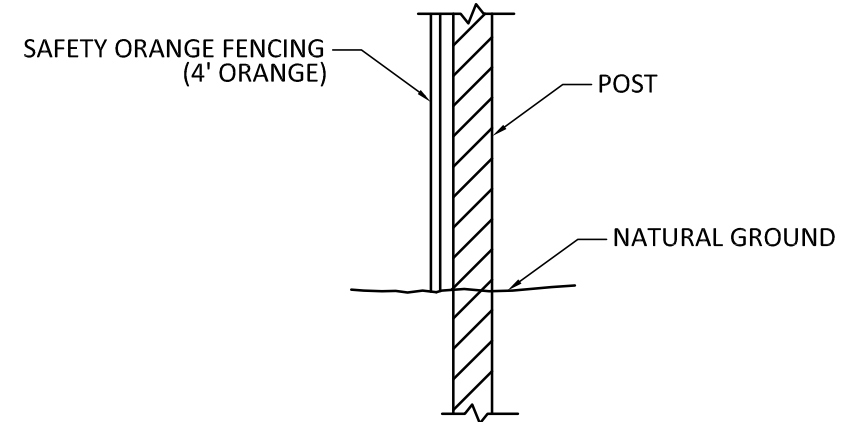


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**NOTES:**

- PROJECT SEQUENCING**  
DUE TO THE DISRUPTION OF THE PEDESTRIAN CORRIDOR BY THIS PROJECT, THE CONTRACTOR IS TO PERFORM THE HARDSCAPE PORTION OF THE PROJECT - DEMOLITION AND CONSTRUCTION OF NEW WALKWAY, BRICK PLAZA, AND BRICK WALL - PRIOR TO THE COMMENCEMENT OF ANY PERIPHERAL AND LANDSCAPE WORK. THE INTENT IS TO HAVE THE NEW WALKWAY AND OTHER HARDSCAPE WORK COMPLETED AS SOON AS POSSIBLE SO THAT FACILITY CAN BE REOPENED TO THE PUBLIC. REFER TO NOTE 2 FOR PEDESTRIAN TRAFFIC FLOW.
- TEMPORARY PEDESTRIAN ACCESS**  
TO ENSURE THE EAST/WEST PEDESTRIAN FLOW ACROSS CAUSEWAY BOULEVARD IS MAINTAINED DURING THE CONSTRUCTION OF THIS PROJECT, CONSTRUCTION FENCING IS TO BE PLACED ON THE OF THE CONSTRUCTION ZONE (AS INDICATED, THIS SHEET) TO PREVENT PEDESTRIAN ACCESS TO THIS ZONE. DURING CONSTRUCTION OF THE HARDSCAPE PORTION OF THE PROJECT, PEDESTRIANS ARE TO BE ROUTED TO THE SOUTH THIS FENCING, AROUND THE HARDSCAPE CONSTRUCTION ZONE. CONTRACTOR IS TO PROVIDE VISUAL DIRECTION SIGNAGE INDICATING THE SAFE PASSAGE AROUND THE WORK AREA. UPON COMPLETION OF THE HARDSCAPE SCOPE OF WORK, AND ACCEPTANCE BY THE CITY AND LANDSCAPE ARCHITECT, THE NEW SIDEWALK WILL BE OPENED FOR PEDESTRIAN USAGE WHILE THE LANDSCAPE PORTION OF THE PROJECT IS COMPLETED. NO ACCESS WILL BE ALLOWED TO THE NEW HARDSCAPE WORK WITHOUT THE WRITTEN PERMISSION AND ACCEPTANCE OF THAT WORK HAS BEEN ISSUED.
- CONSTRUCTION FENCING**  
HARDSCAPE WORK AREA IS TO BE FENCED USING 3' TALL ORANGE SAFETY FENCING SECURED WITH T-POSTS AS NEEDED TO SECURE THE CONSTRUCTION SITE. FENCE IS TO BE MAINTAINED THROUGH-OUT THE CONSTRUCTION PERIOD AND UNTIL THE HARDSCAPE PORTION OF THE PROJECT IS COMPLETED AND ACCEPTED. CONTRACTOR IS TO ENSURE THE SECURITY OF THE WORK AREA FOR THE DURATION OF THE PROJECT. ADDITIONALLY, CONTRACTOR IS TO PLACE 70 LINEAR FEET OF 4' CHAIN LINK ALONG THE CURBING OF EAST CAUSEWAY BLVD, AS SHOWN THIS SHEET, TO SERVE AS A BARRIER TO PEDESTRIANS NAVIGATING AROUND THE WORK ZONE. THIS FENCING IS TO REMAIN IN PLACE UNTIL THE PROJECT IS 100% COMPLETED AND ACCEPTED BY THE CITY OF MANDEVILLE AND THE LANDSCAPE ARCHITECT.

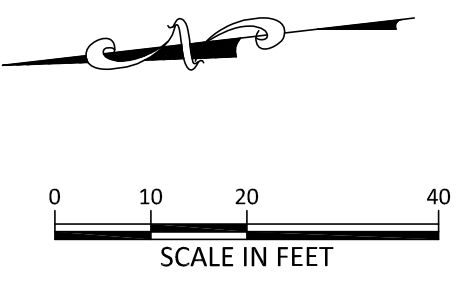


**CONSTRUCTION FENCING SECTION**  
N.T.S.



**LEGEND:**

	13.19	PROPOSED GRADE (TOP OF SIDEWALK)
	11.3	EXISTING GRADES
	M.E.	MATCH EXISTING GRADE
	5.25	FINISHED GRADE



**PLANTER BERM FILL NOTES:**

1. CONTRACTOR IS TO PERFORM FINE GRADING FOR ALL PLANTING AREAS WITH TOPSOIL FREE OF DEBRIS AND SUITABLE FOR SOD OR SHRUB PLANTING, AS APPLICABLE. FILL MATERIAL IS TO BE GRADED TO ENSURE PROPER DRAINAGE AWAY FROM PAVED SURFACE.
2. PLANTING BERMS ARE TO BE FILLED TO THE ELEVATIONS INDICATED. FILL MATERIAL IS TO BE FREE OF ALL DEBRIS AND SUITABLE FOR THE PLAN MATERIAL SPECIFIED.
3. LANDSCAPE ARCHITECT IS TO APPROVE HEIGHT AND SHAPE OF ALL PLANTING BERMS PRIOR TO THE SETTING AND INSTALLATION OF PLANT MATERIAL.

**BOLLARDS:**

1. BOLLARDS ARE TO BE FOREVER BRIGHT MODEL# SPI-R12, OR APPROVED EQUAL. CONTRACTOR IS TO SUBMIT CUT SHEETS ON PROPOSED BOLLARDS FOR APPROVAL PRIOR TO SECURING MATERIAL.
2. ELECTRIC SERVICE IS TO BE PROVIDED BY THE CITY OF MANDEVILLE, POWER SOURCE TO BE OF OR NEAR THE EXISTING POWER RISER LOCATED NEAR MONROE STREET.
3. ALL BURIED WIRING IS TO BE PLACED IN CONDUIT.
4. ELECTRICAL WORK IS TO BE PERFORMED IN ACCORDANCE WITH ALL LOCAL AND STATE CODES GOVERNING WORK OF THIS TYPE.
5. ALL BOLLARDS AND OTHER ELECTRICAL EQUIPMENT IS TO BE INSTALLED PER MANUFACTURERS SPECIFICATIONS. IN THE EVENT OF A CONFLICT BETWEEN THESE SPECIFICATIONS AND LOCAL CODE, THE LANDSCAPE ARCHITECT IS TO BE CONTACTED IMMEDIATELY.
6. A PHOTOMETRIC SWITCH IS TO BE PROVIDED TO OPERATE ALL BOLLARDS, COMING ON AT DUSK AND OFF AT DAYLIGHT. SENSOR/SWITCH IS TO BE LOCATED AT THE ELECTRICAL RISER.

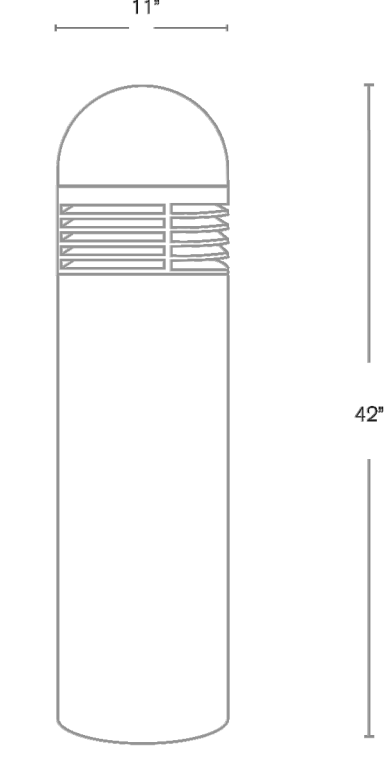
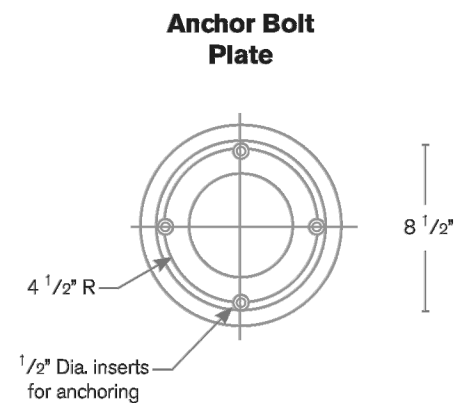


Model: **SPI-R12**  
Finish: Concrete

**Concrete Bollard**

**DESCRIPTION**

**Model#:** SPI-R12  
**Electrical:** 12V or 120V  
**Engine:** Specify (Consult customer service)  
**Options:** Fluorescent, HID or LED  
**Mounting:** Anchor Bolted



**LIGHTED BOLLARD DETAIL**

N.T.S.

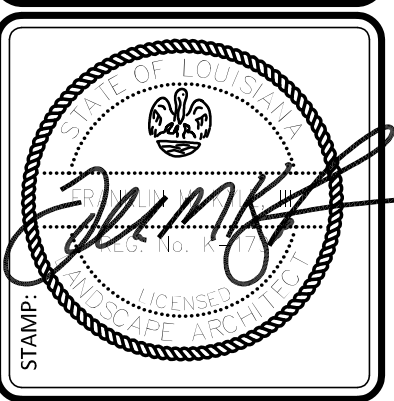


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MANDEVILLE, LOUISIANA

**HARDSCAPE SITE FEATURES**

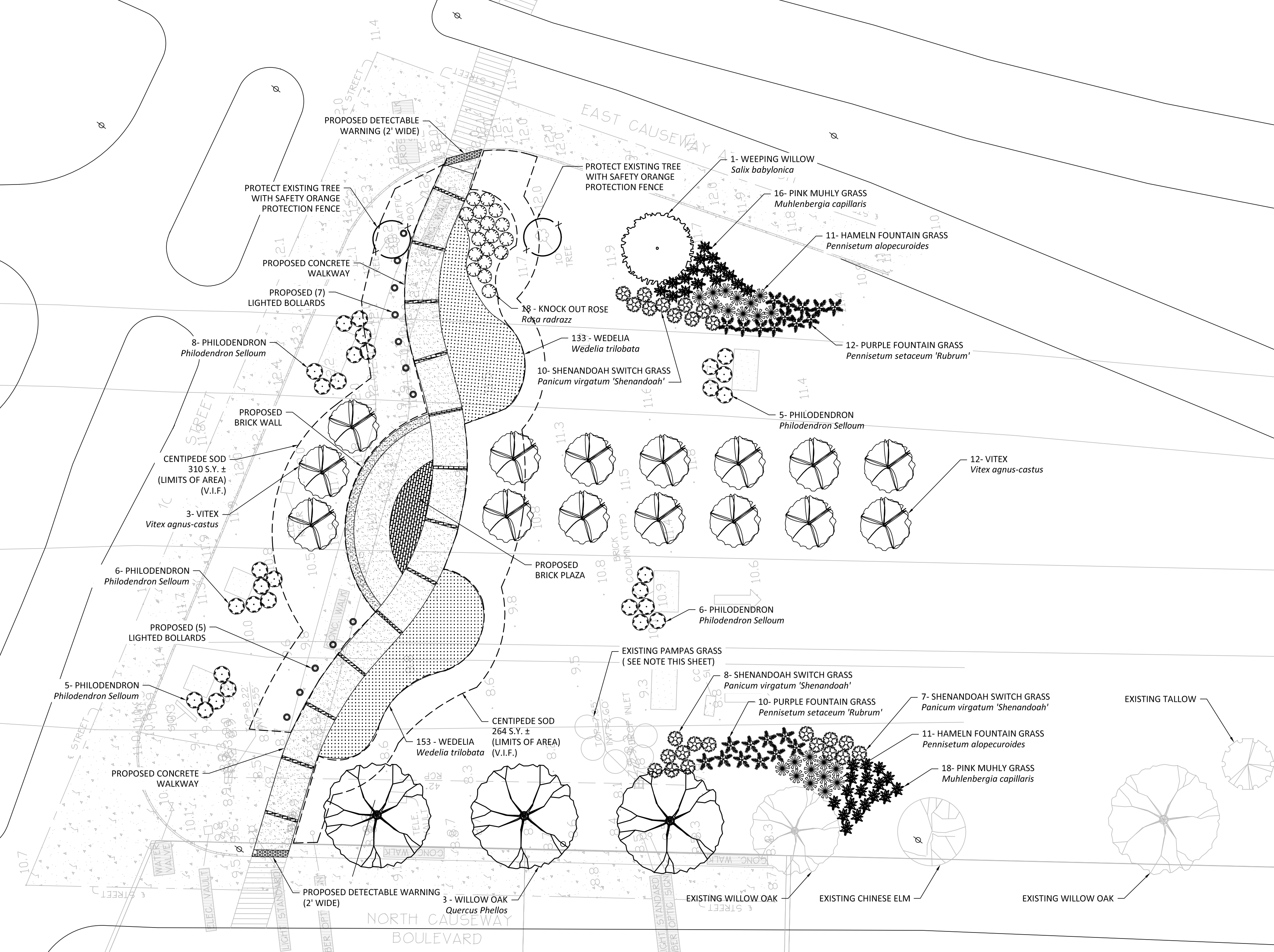
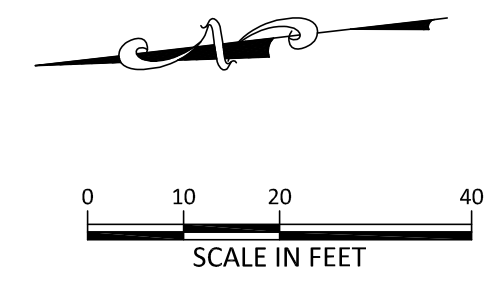
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SHEET NO.  
**L2.0**





**NOTE:**

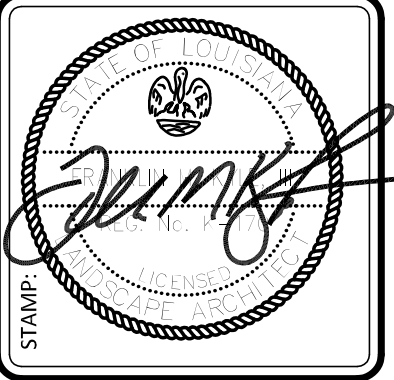
EXISTING PAMPAS GRASS  
 EXISTING PAMPAS GRASS IS TO BE PRUNED AND THINNED AS PART OF THIS CONTRACT. MAINTENANCE OF THIS MATERIAL IS TO BE CONSISTENT WITH NURSERY STANDARDS TO REMOVE DEAD GRASS AND SHAPE MATURE MATERIAL.

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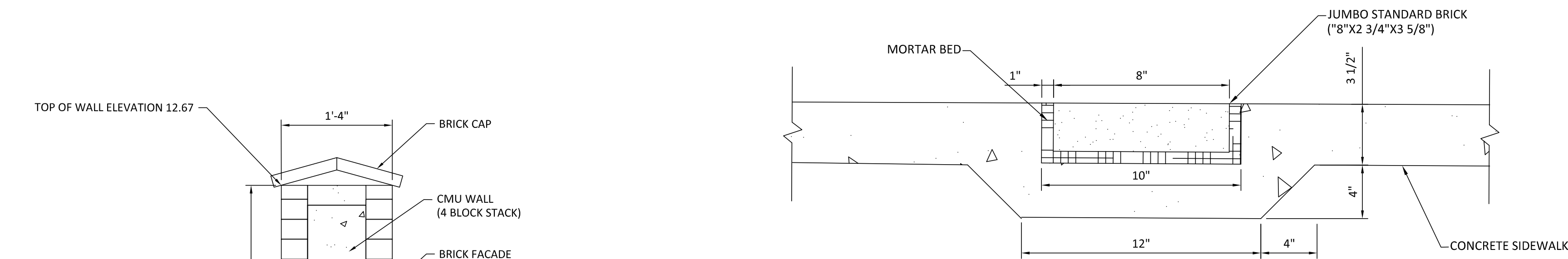
**MONROE STREET UNDERPASS AT  
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 MANDEVILLE, LOUISIANA

**LANDSCAPE PLANTING PLAN**

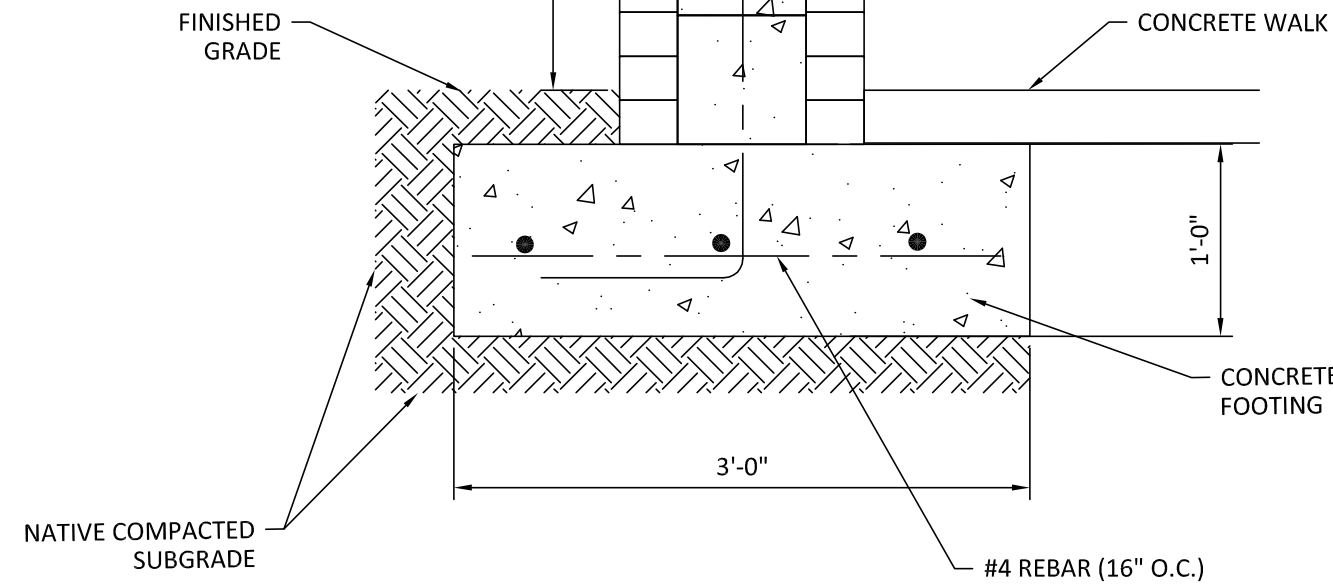
NO.	DATE	REVISIONS	APPD



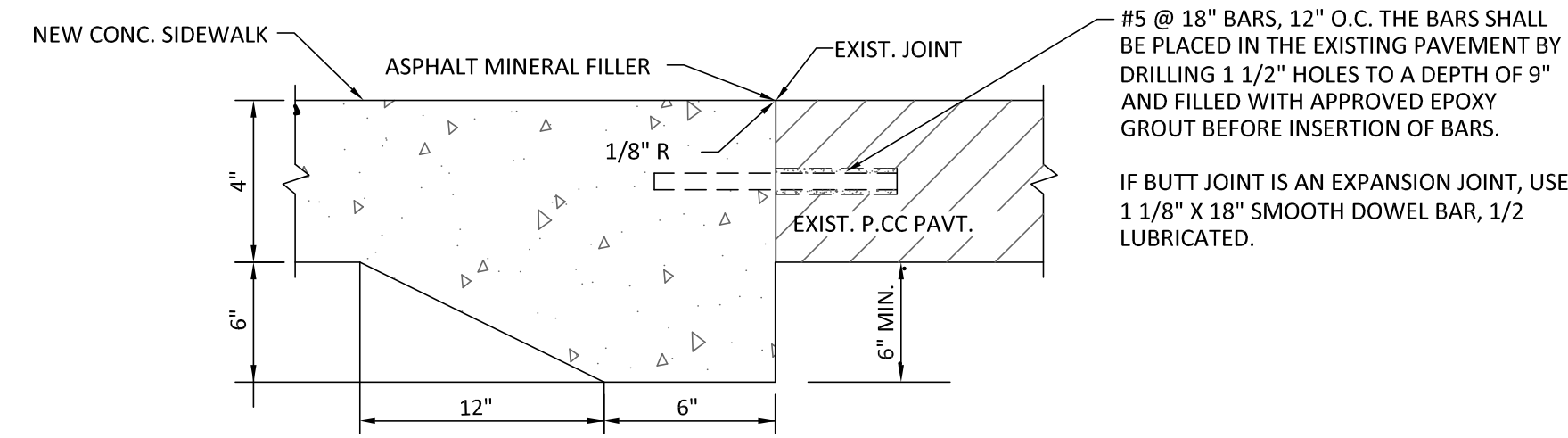
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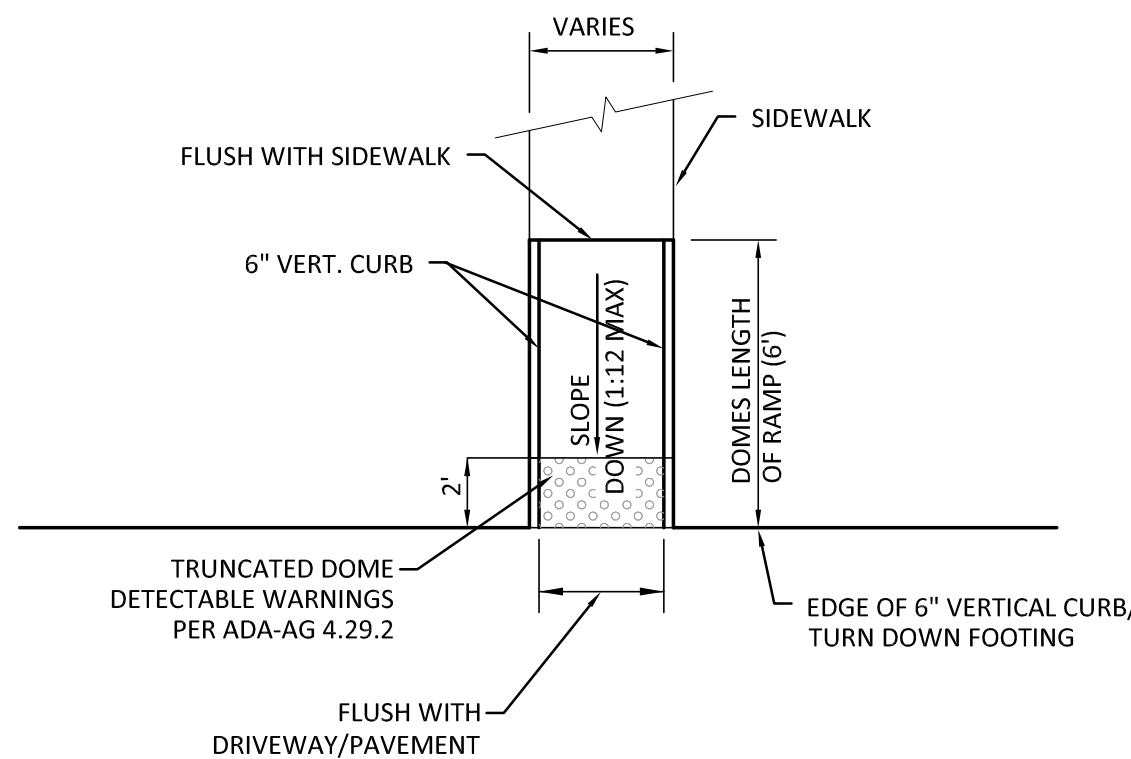
**BRICK SIDEWALK DETAIL**  
N.T.S.



**BRICK WALL DETAIL**  
1" = 1'



**EXISTING PAVEMENT TIE-IN (CONCRETE)**  
N.T.S.



**TYPICAL HANDICAP RAMP DETAILS**  
N.T.S.

**DETECTABLE WARNING SURFACES:**

- PROVIDE IN PEDESTRIAN CIRCULATION AREAS WHERE INDICATED ON DRAWINGS.
  - COMPLY WITH STATE FIRE MARSHAL'S CURRENT GUIDELINES, AND MEET SPECIFIC REQUIREMENTS OF ADAAG FOR DETECTABLE WARNING.
  - SPECIALY DESIGNED FORMS SHALL BE USED TO CAST INTO AREAS OF COLORED CONCRETE THE FOLLOWING:
    - THE ONLY ACCEPTABLE FORM OF DETECTABLE WARNING IS THE "RAISED TRUNCATED DOME". THE DOMES SHALL BE 0.9" NOM. DIAMETER, 0.2" NOM. HEIGHT, AND CENTERED 2.35" APART.
    - THE AREA HAVING A DETECTABLE WARNING SHALL VISUALLY CONTRAST IN COLOR WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT. THE MATERIAL USED TO PROVIDE THE CONTRASTING COLOR SHALL BE AN INTEGRAL PART OF THE WALKING SURFACE.
  - SCORED LINES, SCORED CROSS-HATCHES, AND OTHER SURFACE TREATMENTS ARE NOT ACCEPTABLE DETECTABLE WARNINGS.
  - PRE-MANUFACTURED PRODUCTS TO PROVIDE THE DETECTABLE WARNING MAY ONLY BE USED UPON PRIOR APPROVAL BY THE ENGINEER/ARCHITECT. PRODUCT AND INSTALLATION METHODS MUST BE ADAAG REVIEWED AND APPROVED.
- CONCRETE FOR FOOTINGS SHALL BE 3000 PSI CONCRETE.
  - EXCAVATION FOR FOOTINGS IS TO BE COMPACTED SUBGRADE. TOP OF FOOTING IS TO BE 3" (MINIMUM) BELOW EXISTING FINISHED GRADE.
  - ALL RE-BAR IS TO BE #4 BAR, DEFORMED. HORIZONTAL BARS ARE TO BE TIED AT EACH INTERSECTION. VERTICAL BARS ARE TO BE TIED AT EACH INTERSECTION, AND ARE TO EXTRUDE 12" ABOVE TOP OF FOOTING. ADDITIONAL HEIGHT REQUIRED TO OBTAIN THE TOP OF WALL ELEVATION IS TO BE TIED A MINIMUM OF TWO LOCATIONS.
  - CMU CAVITIES WHERE VERTICAL RE-BARS EXTEND ARE TO BE FILLED WITH MORTAR OR CONCRETE.
  - BRICK TIES ARE TO BE SET IN BLOCK MORTAR JOINTS PER MANUFACTURER'S RECOMMENDATIONS.
  - BRICK TO BE USED FOR WALL FACE IS TO BE USED BRICK OF A RED TONE. CONTRACTOR IS TO PROVIDE SAMPLES FOR THE LANDSCAPE ARCHITECT AND OWNER TO SELECT.
  - CONTINUOUS WALL SHALL HAVE A BRICK CAP. BRICK WALL IS TO HAVE BRICK VENEER ON BOTH SIDES AS WELL AS THE CAP.

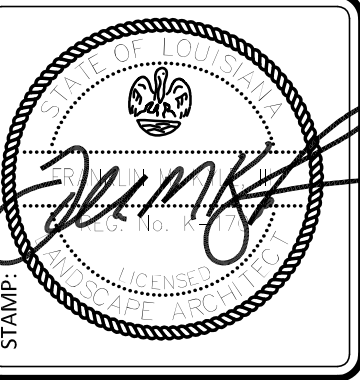
**BRICK WALL NOTES**

**PAVEMENT NOTES**

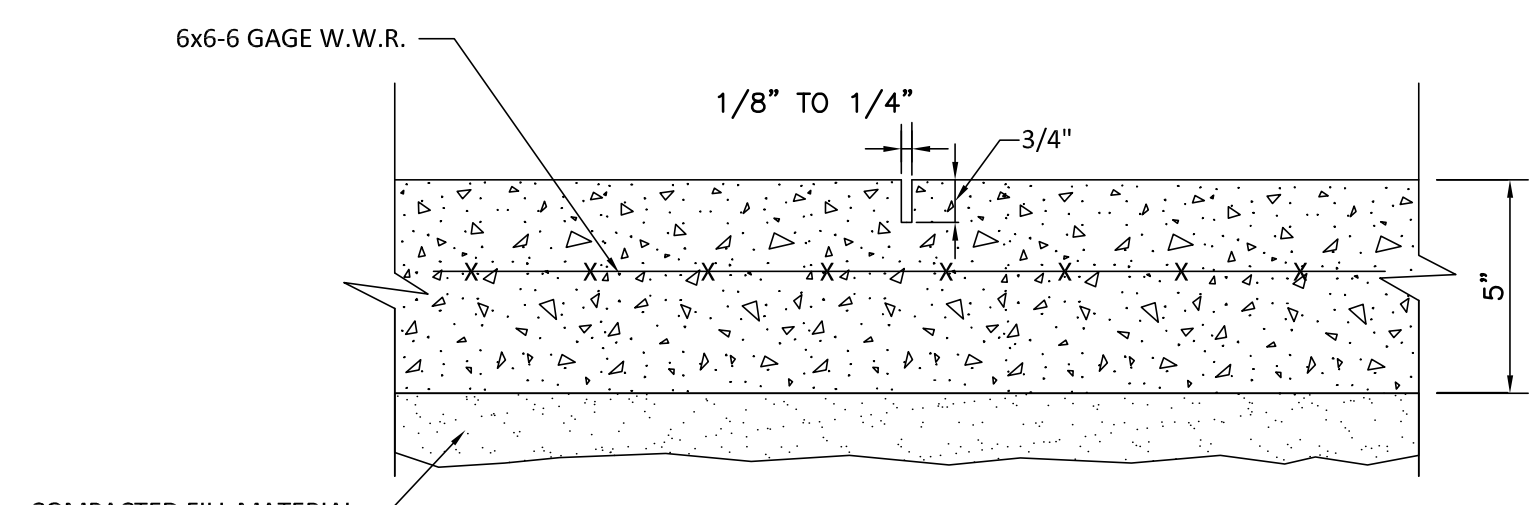
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MANDEVILLE, LOUISIANA  
**LANDSCAPE FEATURE DETAILS**

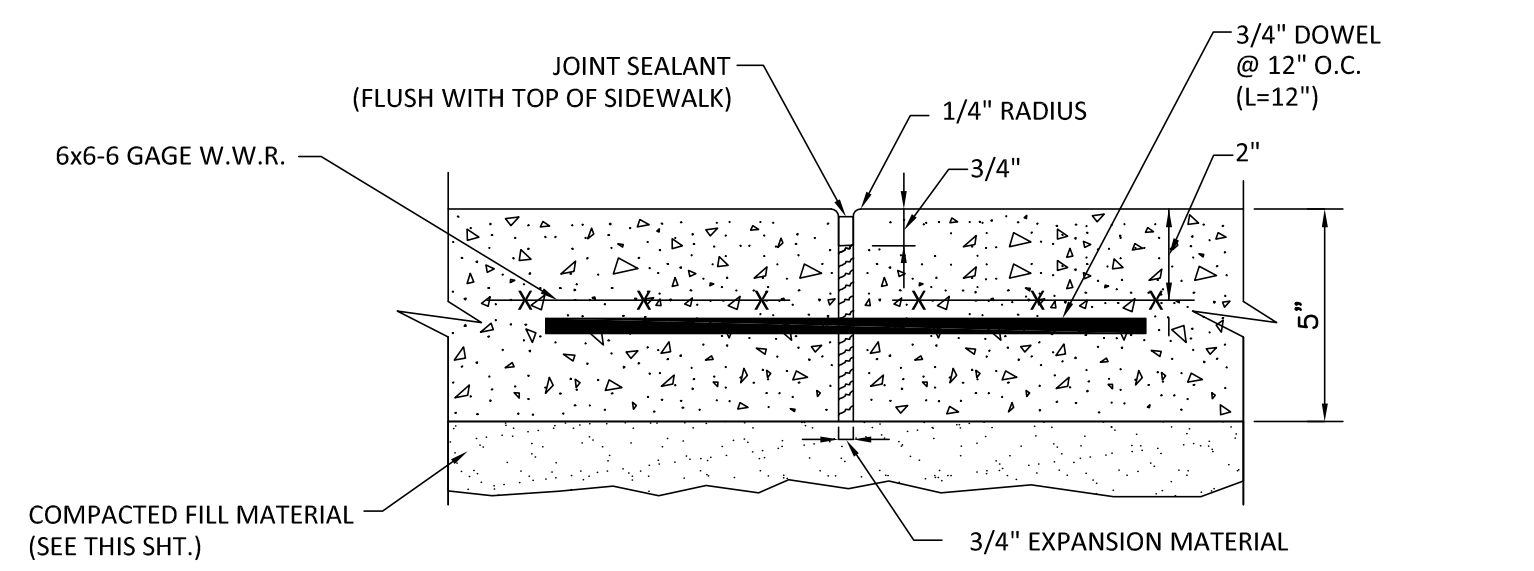
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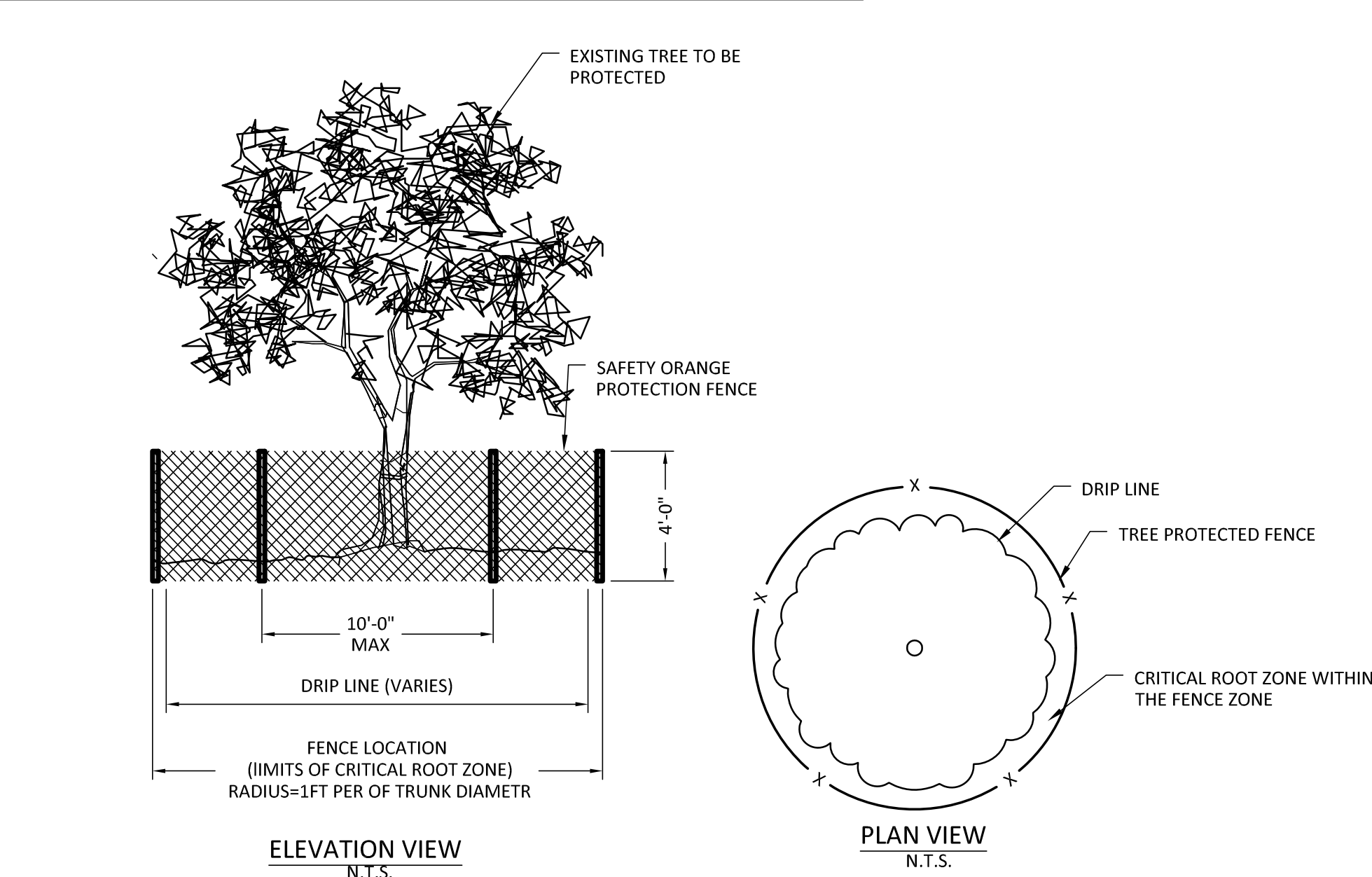
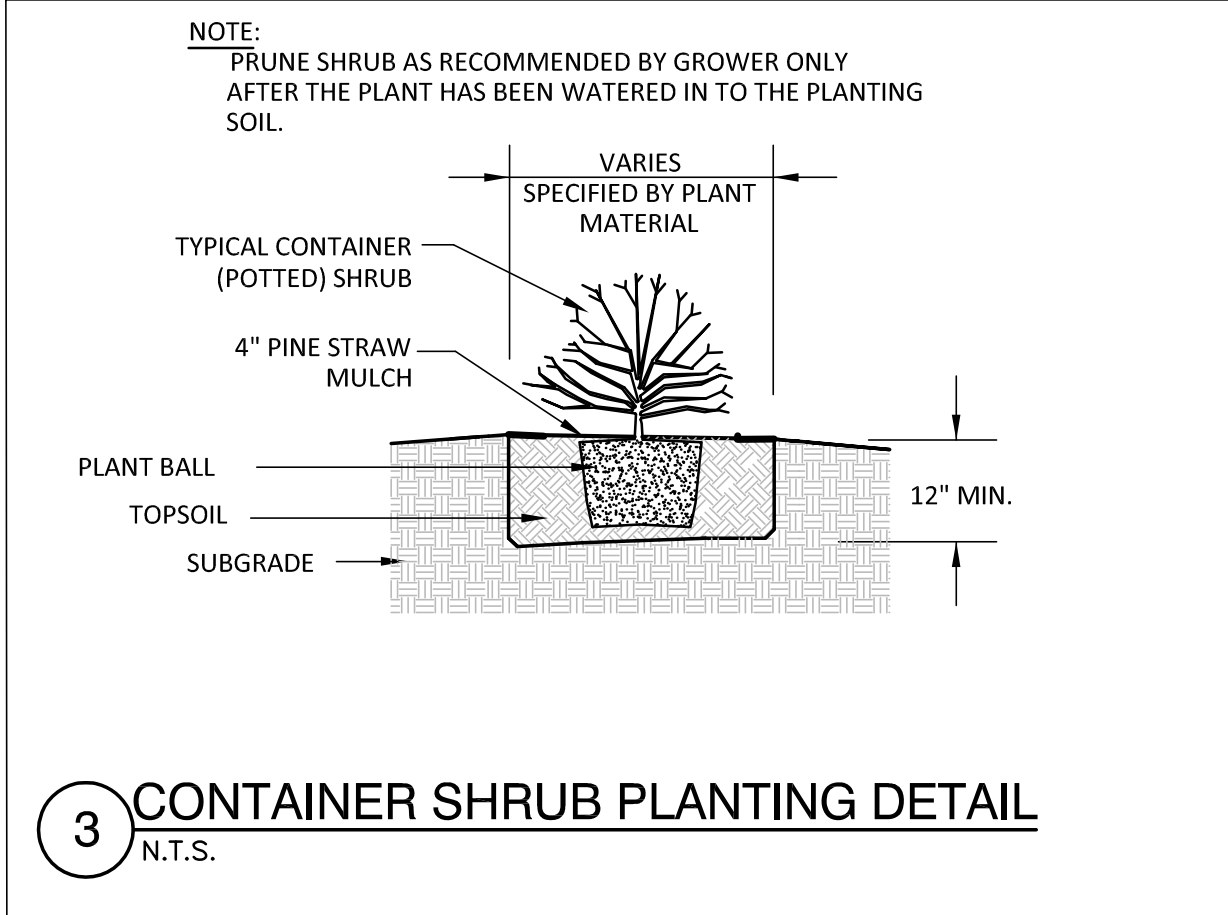
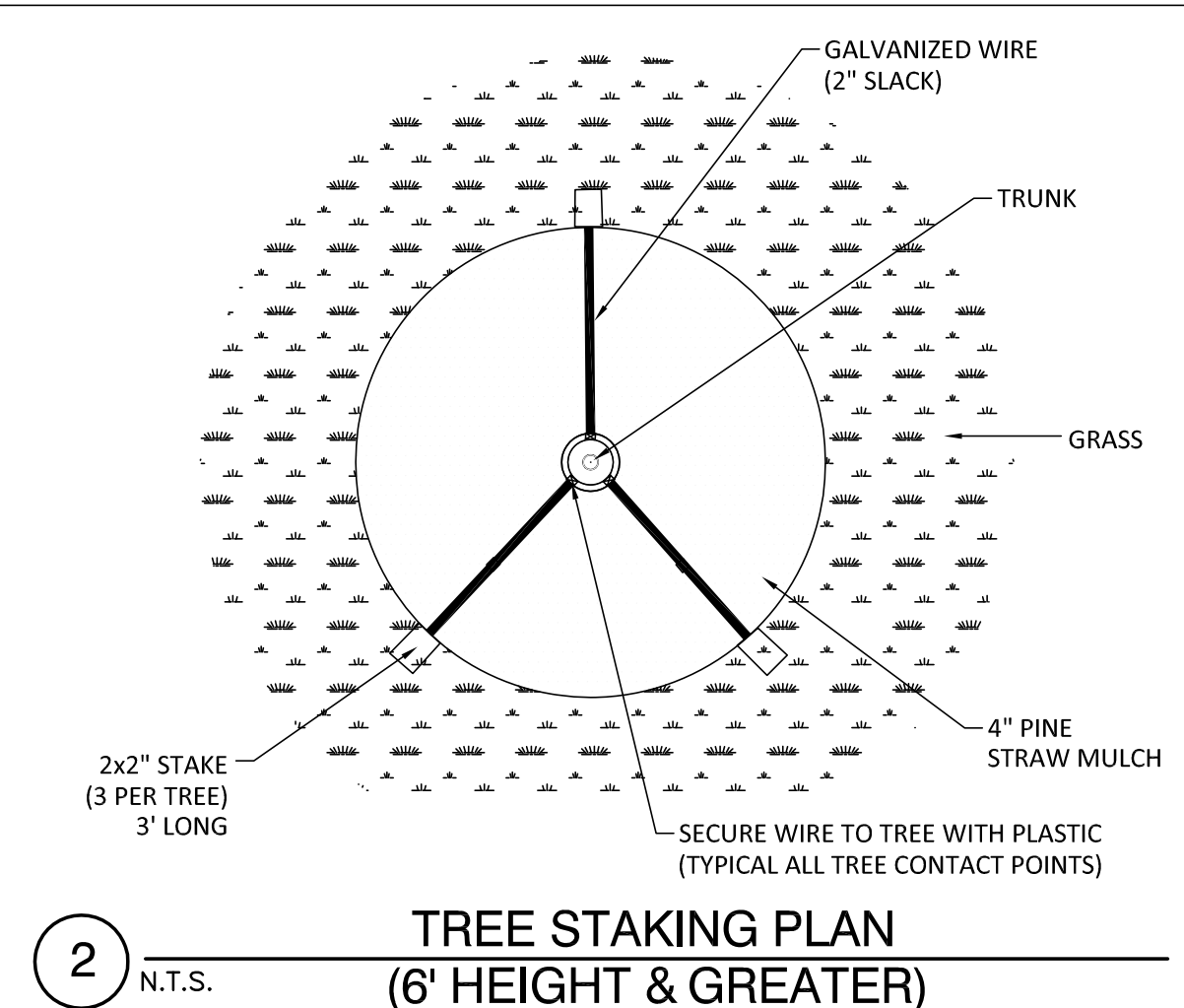
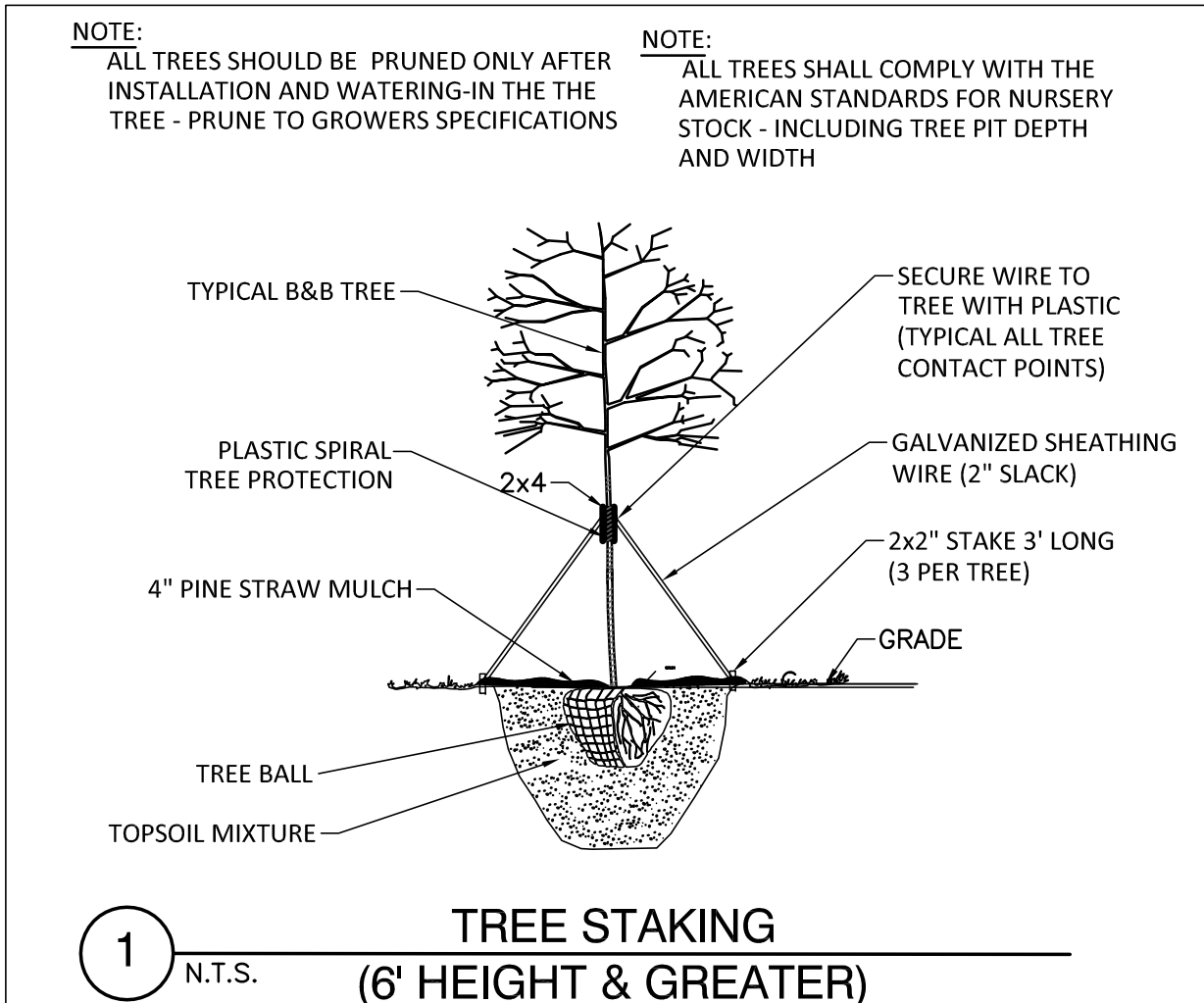
**SIDEWALK SAWED CONTROL JOINT**  
N.T.S.



**SIDEWALK EXPANSION JOINT**  
N.T.S.



MASTER LANDSCAPE PLAN MATERIALS SCHEDULE							
QUANTITY	BOTANICAL NAME	DESCRIPTION	ROOT (MIN.)	HEIGHT (MIN.)	SPREAD (MIN.)	CALIPER (MIN.)	NOTES
<b>TREE</b>							
3	Quercus Phellos	Willow Oak	B&B	10'-12'	6'-8'	2.5"	Well Branched
1	Salix babylonica	Weeping Willow	B&B	12'-14'	8'-10'	3.0"	Well Branched
15	Vitex agnus-castus	Vitex	B&B	8'-10'	6'-8'	2.5"	Well Branched
<b>SHRUBS</b>							
34	Muhlenbergia capillaris	Pink Muhly Grass	3 gal	30"-36"	18"-24"	-	Full Material
25	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	3 gal	30"-36"	18"-24"	-	Full Material
22	Pennisetum alopecuroides	Hamel Fountain Grass	3 gal	30"-36"	18"-24"	-	Full Material
22	Pennisetum setaceum 'Rubrum'	Purple Fountain Grass	3 gal	30"-36"	18"-24"	-	Full Material
30	Philodendron Selloum	Split Leaf Philodendron	5 gal	12"-16"	36"-42"	-	Full Material
18	Rosa radrazz	Knock Out Rose	3 gal	24"-30"	24"-30"	-	Full Material
<b>GROUND COVER</b>							
838 s.y.	Eremochloa ophiuroides 'Oaklawn'	Centipede Sod	-	-	-	-	Installed in removal area (V.I.F.)
286 s.f.	Wedelia trilobata	Wedelia	1 gal	12"	12"	-	Plant on 2.5' Centers



**GENERAL NOTES**

- THE WORK PERFORMED UNDER THE DIRECTION OF THESE DOCUMENTS IS TO BE OF THE HIGHEST WORKMANSHIP AND QUALITY FOR WORK OF THIS TYPE. BEST INDUSTRY STANDARDS ARE TO BE APPLIED FOR ALL WORK DEFINED IN THESE DOCUMENTS.
- THIS SET OF PLANS HAS BEEN DEVELOPED USING A SURVEY OR BASE INFORMATION PROVIDED BY THE OWNER. CONTRACTOR IS TO IMMEDIATELY NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES THAT EXIST BETWEEN THE SURVEY/BASE INFORMATION AND THE ACTUAL FIELD CONDITIONS.
- THE PLAN REFLECTS A PROGRAM SET FORTH BY THE PROJECT OWNER. VARIATION IN PLANT SPECIES, SIZE, OR ARRANGEMENTS WILL NOT BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL BY THE LANDSCAPE ARCHITECT. ALL CORRESPONDENCE, ADDITIONS, SUBTRACTIONS, OR OTHER INSTANCES WHERE VARIATIONS IN THE PLAN MAY BE SUITABLE SHALL BE DIRECTED TO THE LANDSCAPE ARCHITECT IMMEDIATELY.
- ALL WORK PERFORMED UNDER THESE DOCUMENTS IS TO BE DONE IN ACCORDANCE WITH THE LAWS AND REGULATIONS OF THE JURISDICTION IN WHICH THE PROJECT IS LOCATED. LOCAL, STATE, AND FEDERAL LAWS APPLY.
- THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND THE COST OF ALL PERMITS AND APPROVALS REQUIRED FOR THIS WORK. ONLY LICENSED AND INSURED LANDSCAPE CONTRACTORS WILL BE PERMITTED TO PERFORM THE WORK INDICATED ON THESE PLANS.
- THE CONTRACTOR IS TO CONTACT THE LOCAL UTILITY LOCATION SERVICE PRIOR TO THE COMMENCEMENT OF WORK AND HAVE ALL SUBSURFACE UTILITIES MARKED ON THE GROUND SURFACE, INCLUDING BUT NOT LIMITED TO TELEPHONE, NATURAL GAS, CABLE, WATER, SEWER, DRAINAGE, AND FIBER OPTIC. DEPTH OF THE UTILITIES SHALL BE A CONSIDERATION IN THIS EVALUATION. ADJUSTMENTS REQUIRED TO THE LANDSCAPE PLAN OR IRRIGATION DESIGN AS A RESULT OF UTILITY CONFLICTS ARE TO BE MADE PRIOR TO THE COMMENCEMENT OF WORK.
- ALL EXISTING UTILITIES ARE TO BE PROTECTED AND MAINTAINED. REPAIRS ON UTILITIES DAMAGED BY THE CONTRACTOR WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL EXISTING TREES AND OTHER LANDSCAPING THAT IS TO REMAIN, IS TO BE PROTECTED BY INSTALLING 4\"/>
- EXISTING TREES AND SHRUBS THAT ARE INDICATED "TO BE REMOVED" ON THE PLANS SHALL BE CUT AND DISPOSED OF OFF SITE. THIS INCLUDES THE REMOVAL OF ALL ROOT SYSTEMS AND STUMPS (WHICH MAY BE GROUND) SO THAT THIS MATERIAL DOES NOT INTERFERE WITH THE NEW LANDSCAPE PROGRAM.
- ALL CONSTRUCTION DEBRIS, INCLUDING BUT NOT LIMITED TO ROCKS, CONCRETE, BATTER BOARDS, PIPE, AND FOUNDATION BASE MATERIAL IS TO BE REMOVED FROM AREAS TO BE PLANTED PRIOR TO THE INSTALLATION OF BEDDING SOIL OR BASE PREPARATION FOR SOD.
- UPON COMPLETION OF ALL BED PREPARATION, PLANTS ARE TO BE FULLY ARRANGED IN THE BED PRIOR TO INSTALLATION. THE LANDSCAPE ARCHITECT AND/OR THE OWNER ARE TO APPROVE THE ARRANGEMENT PRIOR TO PLANT INSTALLATION. THE LANDSCAPE CONTRACTOR IS TO ROTATE ALL TREE AND LARGE SHRUB MATERIAL AS TO MAXIMIZE THE BENEFIT OF THE BRANCHING STRUCTURE TOWARDS THE OUTWARD APPEARANCE. FAILURE TO OBTAIN SUCH APPROVAL MAY RESULT IN THE RELOCATION OF MATERIAL.
- ALL TREES ARE TO BE STAKED USING WOOD STAKES, THREE PER TREE. GUY WIRES ARE TO BE GALVANIZED WITH PLASTIC SHEATHING AT ALL TREE CONTACT POINTS. GUY WIRES ARE TO BE SET WITH 2\"/>

**TREE PROTECTION MEASURES**

- NO CONSTRUCTION STAGING OR DISPOSAL OF MATERIALS OR BYPRODUCTS IS ALLOWED WITHIN THE TREE/ROOT PROTECTION ZONE.
- ANY REQUIRED TRENCHING SHOULD BE ROUTED IN MANNER THAT MINIMIZES ROOT DAMAGE.
- ANY WORK CONDUCTED IN THE GROUND WITHIN THE ROOT PROTECTED AREA OF ANY PROTECTED TREE SHOULD BE ACCOMPLISHED WITH HAND TOOLS.
- PROTECTION FENCING OF MINIMAL WIDTH SHOULD BE INSTALLED.
- THE TREE/ROOT PROTECTION ZONE SHOULD BE IRRIGATED SUFFICIENTLY WITH CLEAN, POTABLE WATER TO KEEP THE TREE IN GOOD HEALTH.

**BEDDING SOIL NOTES**

- BEDDING SOIL FOR ALL PLANTED AREAS WILL BE A MODIFIED SANDY LOAN SOIL SUITABLE FOR THE PLANT MATERIALS SELECTED.
- ALL PLANTING AREAS WILL HAVE A MINIMUM OF 12\"/>

**PLANT MATERIAL NOTES**

- UPON APPROVAL OF THE TREE LOCATIONS, ALL EXISTING VEGETATION IN THESE AREAS IS TO BE CHEMICALLY ERADICATED USING A NON-SELECTIVE HERBICIDE (ROUND-UP OR EQUAL) APPLIED PER MANUFACTURER'S INSTRUCTIONS. PLANTING MEDIUM IS NOT TO BE PLACED IN THESE AREAS UNTIL THE CHEMICAL APPLICATION HAS SATISFACTORILY ELIMINATED THIS VEGETATION.
- WHERE EXCAVATION REVEALS UNSUITABLE SOILS FOR PROPER TREE GROWTH, THE PLANTING HOLE IS TO BE DUG TWO TIMES THE SIZE OF THE ROOT BALL SPECIFIED, AND ALL BACKFILL IS TO BE TOPSOIL OR GARDEN MIX. UNSUITABLE MATERIAL IS TO BE REMOVED FROM THE SITE.
- UPON INSTALLATION OF PLANT MATERIAL, ALL TREE WELLS AND BEDDING AREAS ARE TO BE MULCHED WITH PINE STRAW MULCH, AS DIRECTED BY THE LANDSCAPE ARCHITECT AND/OR OWNER. MULCH SHALL BE A MINIMUM OF 4\"/>
- ALL PLANT MATERIAL SPECIFIED IS TO BE FREE OF ALL PESTS, DISEASE, AND OTHER FOREIGN MATTER UPON DELIVERY TO THE SITE. MATERIAL SHOULD COME FROM A REPUTABLE AND LICENSED NURSERY WITHIN THE REGION WHERE THE PROJECT EXISTS. ANY PLANT THAT DOES NOT MEET THESE REQUIREMENTS OR IS NOT IN EXCELLENT HEALTH WILL BE REJECTED.
- ALL PLANT MATERIAL WILL MEET OR EXCEED THE MINIMUM SIZES INDICATED IN THE PLANT MATERIAL SCHEDULE. ADDITIONALLY, ALL CONTAINER PLANT MATERIAL IS TO HAVE BEEN IN THE CONTAINER SIZE SPECIFIED FOR A MINIMUM OF ONE FULL GROWING SEASON. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REFUSE MATERIAL IN THE EVENT THESE MINIMUM STANDARDS ARE NOT MET.
- PLANT MATERIAL DELIVERED TO THE PROJECT SITE IS NOT TO BE STOCKPILED FOR MORE THAN THREE DAYS. THE CONTRACTOR IS FULLY RESPONSIBLE FOR THE HEALTH AND WELL BEING OF ALL LANDSCAPE MATERIAL STAGED ON SITE.
- ALL PLANT MATERIAL IS TO BE FERTILIZED AT THE TIME OF PLANTING WITH A BALANCED, TIME RELEASED FERTILIZER SUITABLE FOR THE SPECIFIC PLANT MATERIAL INSTALLED. FERTILIZATION FOR MATERIAL IN PLANTING AREAS MAY BE INCORPORATED INTO THE SOIL MIX OR APPLIED AT EACH PLANT LOCATION.
- THE LANDSCAPE CONTRACTOR IS TO APPLY A WEED INHIBITOR ON THE SURFACE OF ALL PLANTING AREAS PRIOR TO MULCHING, OR AS PER MANUFACTURER'S INSTRUCTIONS.
- THE SCOPE OF THIS PROJECT INCLUDES THE PRUNING AND MAINTENANCE OF ALL MATERIAL (IMMEDIATELY AFTER PLANTING). PLANT MATERIAL IS TO HAVE THE HIGHEST QUALITY APPEARANCE AT THE TIME OF FINAL PRODUCT ACCEPTANCE.
- IT IS THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO WATER ALL MATERIAL THOROUGHLY UPON INSTALLATION, EVERY DAY FOR THE FIRST THREE DAYS FROM PLANTING, THEN EVERY OTHER DAY FOR THE NEXT TEN DAYS. THIS REQUIREMENT WILL BE WAIVED ONCE AN IRRIGATION SYSTEM IS INSTALLED AND OPERATIONAL.
- CONTRACTOR IS TO WARRANT THE SURVIVABILITY OF ALL PLANT MATERIAL FOR ONE YEAR AFTER ACCEPTANCE, WITH EXCEPTIONS BEING MADE FOR FREEZE, WIND DAMAGE, AND VEHICULAR DAMAGE. DROUGHT IS EXCLUDED.

**IRRIGATION NOTES**

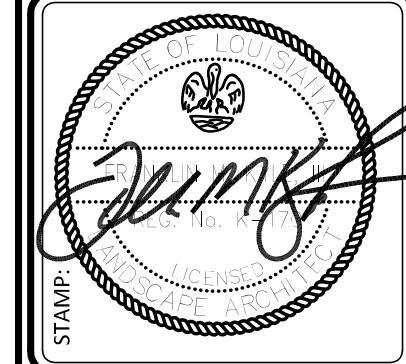
- THE LANDSCAPE CONTRACTOR IS TO PROVIDE A SCHEMATIC IRRIGATION SYSTEM DESIGN WHICH INDICATES THE HEAD LOCATIONS, PIPING DIAGRAM, PIPE SIZES, VALVE LOCATIONS, AND WATER SOURCE CONNECTION. THIS PLAN IS TO REFLECT THE LANDSCAPE PLANTING PLAN INCLUDED AS A PART OF THIS SET. THE IRRIGATION PLAN IS TO BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO ANY WORK BEING COMMENCED. SPRAY HEAD OR DRIP APPLICATION SYSTEMS ARE PERMITTED.
- ALL LANDSCAPE INSTALLATION WORK IS TO BE COORDINATED WITH THE IRRIGATION SYSTEM. THE IRRIGATION CONTRACTOR IS RESPONSIBLE FOR THE ADJUSTMENT OF SPRAY HEADS AND NOZZLES TO FIT THE PLANT MATERIAL FOR THE PROJECT.
- THE WATER SOURCE FOR THIS PROJECT IS TO BE THE MUNICIPAL WATER SYSTEM SERVING THE SITE. ALL CONNECTIONS TO THE SYSTEM ARE TO BE IN CONFORMANCE WITH THE RULES AND REGULATIONS GOVERNING WATER CONNECTIONS FOR IRRIGATION SYSTEMS IN THE JURISDICTION IN WHICH THIS PROJECT EXISTS. A BACKFLOW PREVENTER IS TO BE INSTALLED AT THE POINT OF WATER SOURCE CONNECTION, PER LOCAL CODES.
- COVERAGE OF ALL BED AREAS IS TO BE 100%. THE IRRIGATION/LANDSCAPE CONTRACTOR IS TO ENSURE THAT DIRECT OR OVERSPRAY FROM IRRIGATION HEADS IS NOT PERMITTED TO WET WALKWAYS OR BE A DETRIMENT TO ADJACENT STREETS OR DRIVES.
- ONLY TORG, RAIN BIRD, OR HUNTER IRRIGATION PRODUCTS (OR APPROVED EQUAL) WILL BE PERMITTED. THE LANDSCAPE CONTRACTOR IS TO PROVIDE SUBMITTALS ON ALL PRODUCTS TO BE USED IN THE IRRIGATION SYSTEM.
- THE IRRIGATION SYSTEM MAY MAKE USE OF SPRAY HEADS, DRIP EMITTERS, SOAKER HOSES, OR ANY COMBINATION THEREOF. THE SYSTEM WILL BE A FULLY AUTOMATED SYSTEM WITH INITIAL SET-UP MADE BY THE LANDSCAPE/IRRIGATION CONTRACTOR.
- IRRIGATION SYSTEM ZONES ARE TO BE HYDRAULICALLY DESIGNED FOR A WATER SOURCE WITH AN OPERATING PRESSURE OF 55 PSI AND A FLOW RATE OF 40 GALLONS PER MINUTE. SYSTEM SHALL BE CONFIGURED TO HAVE NO MORE THAN TWO ZONES OPERATING AT ONE TIME. FOR LARGE SYSTEMS WHERE THESE PARAMETERS ARE NOT ADEQUATE, THE CONTRACTOR WILL REQUEST FROM THE LANDSCAPE ARCHITECT PARAMETER VARIANCES.
- THE IRRIGATION SYSTEM CONTROLLER IS TO BE LOCATED IN AN INCONSPICUOUS LOCATION, AS DIRECTED BY THE OWNER. A 1110V POWER SUPPLY SHALL BE PROVIDED BY THE OWNER, AS NEEDED.
- ALL PIPING IS TO BE PVC CLASS 200 FOR LATERAL, SYSTEM, AND ZONES LINES. ALL MAIN LINE (CONTINUALLY CHARGED) PIPING IS TO BE PVC SCHEDULE 40. LINES ARE TO BE BURIED A MINIMUM OF 16\"/>

DESIGNED BY: FMK	DRAWN BY: NBZ	CHECKED BY: FMK	JOB NO: 20054
SCALE: (2:24) 1" = 30'	SCALE: (1:17) 1" = 60'	DATE: 12/09/20	

MONROE STREET UNDERPASS AT  
 CAUSEWAY BLVD, LANDSCAPE IMPROVEMENTS  
 MANDEVILLE, LOUISIANA

LANDSCAPE NOTES & DETAILS

NO.	DATE	REVISIONS	APPD



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 Planning, Engineering, and Landscape Architecture  
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