

LAFAYETTE STREET STORMWATER CONVEYANCE

LEON COUNTY DEPARTMENT OF PUBLIC WORKS DIVISION OF ENGINEERING

2280 MICCOSUKEE ROAD
TALLAHASSEE, FLORIDA

PLANS COMPONENTS

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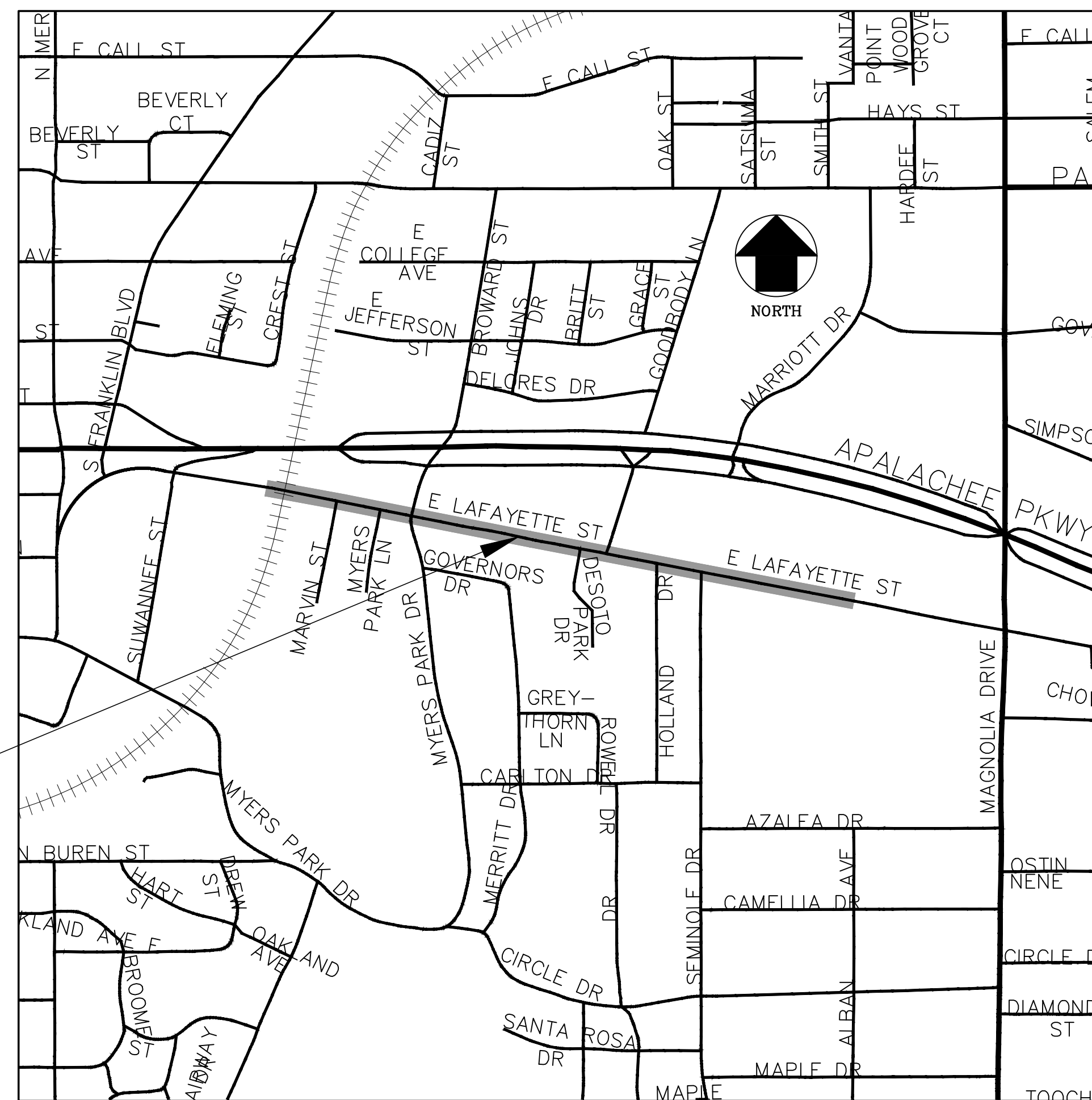
- 1 COVER SHEET
- U-1 WATER & WASTEWATER ADJUSTMENT PLAN & PROFILE (STA 417+20 - 420+20)
- U-2 WATER & WASTEWATER ADJUSTMENT PLAN & PROFILE (STA 420+00 - 422+80)
- U-3 WATER & WASTEWATER ADJUSTMENT PLAN & PROFILE (STA 422+80 - 425+60)
- U-4 WATER & WASTEWATER ADJUSTMENT PLAN & PROFILE (STA 425+60 - 428+40)
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- HS-5 HARDSCAPE CONSTRUCTION DETAILS AND SPECIFICATIONS

INCLUDED IN PLANS BY REFERENCE:

FLORIDA DEPARTMENT OF TRANSPORTATION,
DESIGN STANDARDS (DATED 2010)
FLORIDA DEPARTMENT OF TRANSPORTATION,
STANDARD SPECIFICATIONS FOR ROAD AND
BRIDGE CONSTRUCTION (DATED 2010)
CITY OF TALLAHASSEE STANDARD SPECIFICATIONS
FOR THE DESIGN AND CONSTRUCTION OF WATER
AND WASTEWATER FACILITIES (DATED 2010)



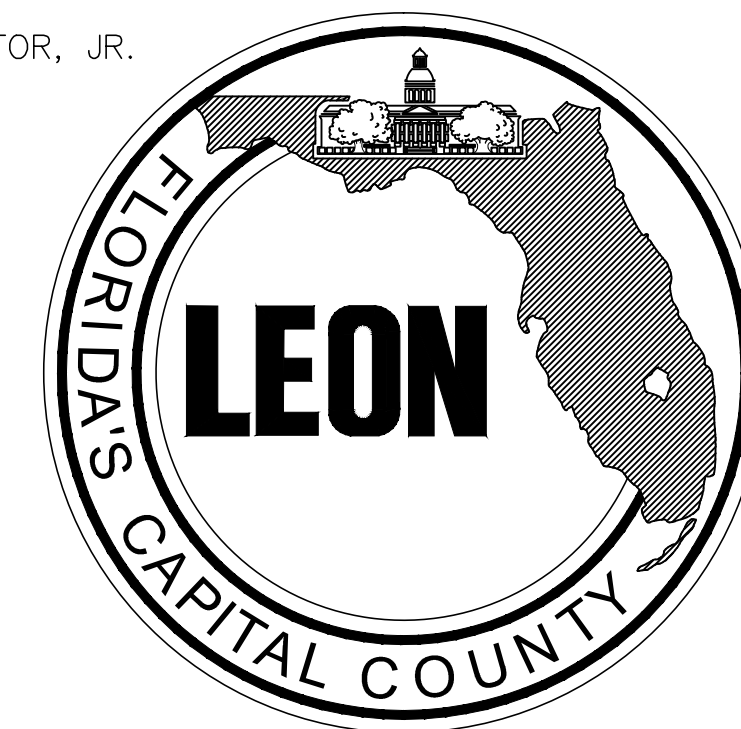
PROJECT LOCATION
(LIMITS OF PROJECT)

LOCATION MAP

N.T.S.

COMMISSIONERS:

- WILLIAM C. PROCTOR, JR.
DISTRICT 1
- JANE G. SAULS
DISTRICT 2
- JOHN E. DAILEY
DISTRICT 3
- BRYAN DESLOGE
DISTRICT 4
- KRISTIN DOZIER
DISTRICT 5
- NICK MADDOX
AT LARGE
- AKIN AKINYEMI
AT LARGE



VINCENT S. LONG
COUNTY ADMINISTRATOR
TONY PARK, P.E.
PUBLIC WORKS DIRECTOR

PREPARED BY:



GGI, LLC dba GENESIS GROUP
2507 CALLAWAY ROAD, SUITE 100
TALLAHASSEE, FLORIDA 32303
(850) 224-4400 FAX (850) 681-3600
FL CA 00009660 FL LC 26000202
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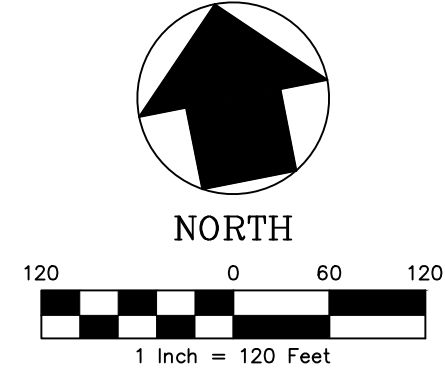
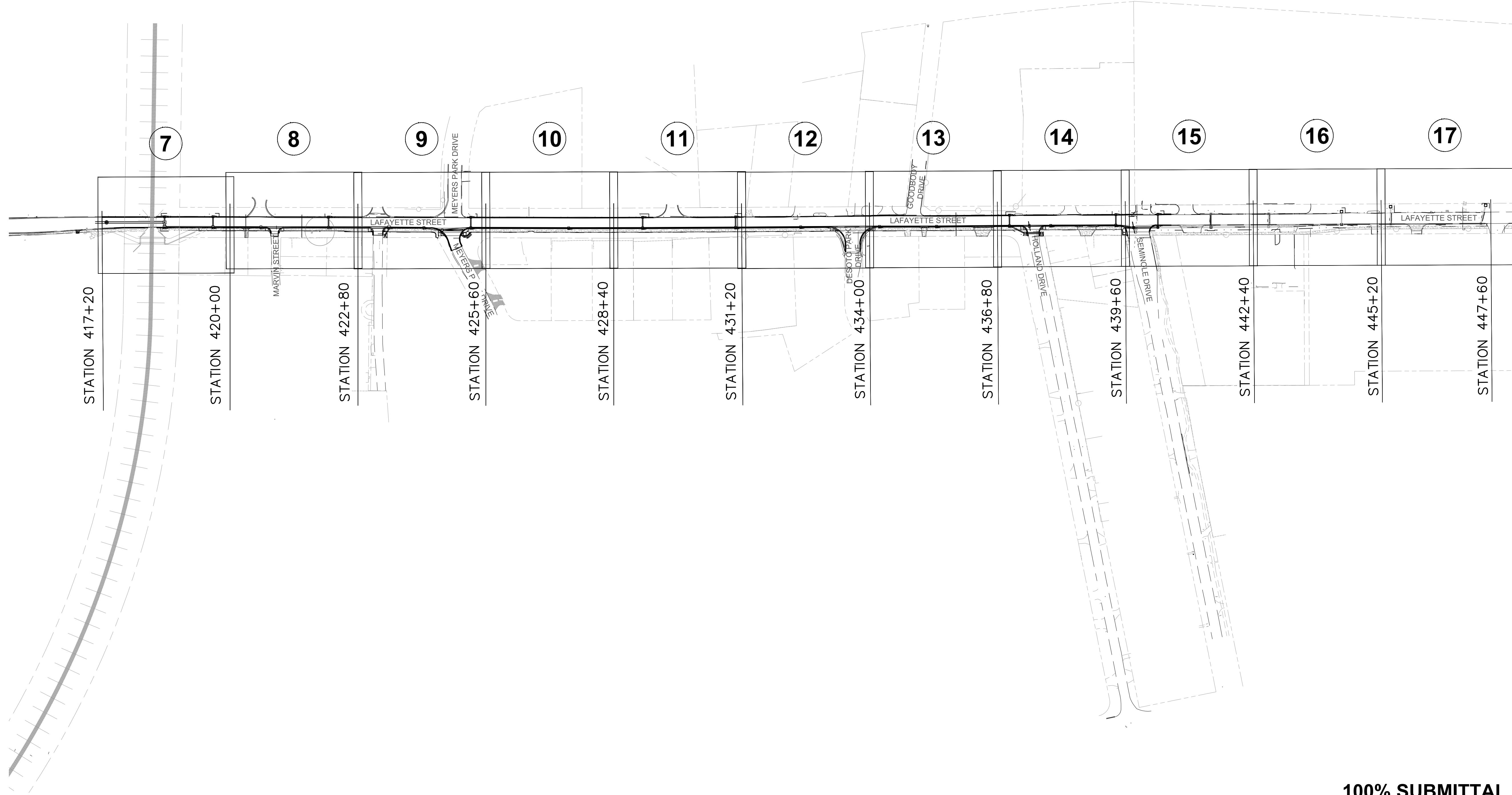
100% SUBMITTAL

James P. Sullivan, P.E.
License Number: 42091


DATE: 11/26/12

LAFAYETTE STREET STORMWATER CONVEYANCE LCP3-028

March 13, 2012 (12:45:58 EST)
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SHEET TITLE KEY SHEET		SHEET NUMBER 2	
PROJECT NAME LAFAYETTE STREET STORMWATER CONVEYANCE		PREPARED FOR 	
SHEET NUMBER 2		SEAL James B. Sullivan, P.E. License Number: 42991	
PROJECT TITLE LAFAYETTE STREET STORMWATER CONVEYANCE		FROM VISION TO REALITY	
PROJECT NUMBER LCP3-028		FL.LB.00066816 FL.LC.26000202	
CHECKED BY: J.P.S.		PUBLIC WORKS DEPARTMENT STREETS AND DRAINAGE	
SCALE 1" = 10'		GENESIS GROUP 2507 CALLAWAY ROAD, SUITE 100 TALLAHASSEE, FLORIDA 32303 (850) 224-4400 (850) 681-3600 FAX	
DATE 11/19/2012		GGI, LLC dba GENESIS GROUP 2507 CALLAWAY ROAD, SUITE 100 TALLAHASSEE, FLORIDA 32303 (850) 224-4400 (850) 681-3600 FAX	
REVISIONS		NO. DATE DESCRIPTION	

November 21, 2017 (15-10-20 EST)
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GENERAL CONSTRUCTION NOTES:

- 1. All work performed shall comply with the regulations and ordinances of the various governmental agencies having jurisdiction over the work and shall conform to the minimum standards set forth by the City of Tallahassee, Leon County, and CSX.
2. It is the Contractor's responsibility to become familiar with all the permit and inspection requirements specified by the various governmental agencies and the Engineer.
3. The Contractor shall, prior to any construction activity, sponsor a pre-construction meeting with all permitting agencies including the City of Tallahassee, Leon County, CSX, Genesis Group, and utility owners whose systems are within the limits of construction.
4. The Contractor will follow FDOT Standard Specifications for Jack and Bore within the ROW. The Contractor will also comply with all CSX requirements when doing the Jack and Bore.
5. The Contractor will be responsible for providing the City with a location for staging prior to commencement of construction.
6. The Contractor shall not utilize neighborhood streets for construction related traffic.
7. The Contractor shall check plans for conflicts and discrepancies prior to construction. The Contractor shall notify the Engineer of any conflicts before performing work in the affected area.
8. The Contractor is responsible for repairing any damage to existing facilities, above or below ground, that may occur as a result of the work performed by the Contractor called for in this contract.
9. All subsurface construction shall comply with the "Trench Safety Act", Chapter 553, Part III, Florida Statutes. The Contractor shall insure that the method of trench protection and construction is in compliance with the Occupational Safety and Health Administration (OSHA) regulation.
10. Prior to installation, the Contractor shall submit shop drawings on all pre-cast materials and manufactured items to the Engineer for approval. Failure to obtain approval before installation may result in removal and replacement at Contractor's expense.
11. If the Contractor proposes any modification to these plans or standards, Contractor shall submit, signed and sealed by a Professional Engineer, drawings and calculations, demonstrating the proposed modification will meet the requirements of the contract, referred standards and permitting agencies.
12. It is the responsibility of the Contractor to establish the following in the field: Right of Way lines, benchmarks (elevations), coordinates, center lines and stationing as may be required to construct the project.
13. All construction debris and other waste material shall be disposed of off-site in accordance with applicable regulatory agency requirements.
14. All existing items shown in the plans are to remain unless otherwise denoted.
15. Where proposed curbing, roads, and sidewalks tie into existing curbing, roads, and sidewalks, the tie in point is to match existing.
16. Contractor will be held accountable during construction for all project improvements. Compliance with the 2007 Florida Building Code (FBC) is mandatory. If incorrect at the final inspection, Contractor shall be required to modify construction to comply with FBC. The following items take precedence and supersede other details on plans:
A. Curb ramp slopes shall not exceed 1:12 slope in any direction. Ramp side slopes shall not exceed 1:12 slope. Curb ramps shall not encroach access aisle(s). Section 11-4.7, FBC-B
B. All ramps other than curb ramps as referenced above shall comply with the design requirements of Section 11-4.8, FBC-B.
C. Accessible route to "public way" shall not exceed 1:20 slope (unless ramps provided) with cross slope not in excess of 1:50.
D. Code compliant detectable warnings at all vehicular crosswalks, and at locations where the accessible route is adjacent to and flush with the vehicular way. Section 11-4.29, FBC-B.

PAVING AND GRADING NOTES:

- 1. All roadway work shall be performed in accordance with FDOT "Standard Specifications for Road and Bridge Construction" 2010.
2. All roadway construction shall be in accordance with FDOT "Design Standards" 2010.
3. All deleterious subsurface material (i.e. mulch, peat, buried debris) is to be excavated in accordance with these plans or as directed by the Owner, the Engineer, or representative from the soil testing company. Deleterious material is to be stockpiled or removed from the site as directed by the Owner Representative. Excavated areas are to be backfilled with approved materials and compacted as shown on these plans and in accordance with the soils report. Contractor will also refer to FDOT specifications for fill material. Contractor is responsible for acquiring any permits that are necessary for removing deleterious material from the site.
4. The Contractor shall be responsible for protecting excavations against collapse and shall provide bracing, sheeting or shoring as necessary. Dewatering methods shall be used as required to keep trenches dry while pipe and appurtenances are being placed.
5. All necessary fill and embankment, that is placed during construction, shall consist of material specified by the soil testing company or Engineer and be placed and compacted according to these plans or the referenced soil reports.
6. Proposed spot elevations represent finished pavement or ground surface grade unless otherwise noted on the drawings.
7. It may be necessary to field adjust pavement elevations to preserve the root systems of trees shown to be saved. Contractor to coordinate with Engineer prior to any elevation changes.
8. Contractor shall trim, tack and match existing pavement at locations where new pavement meets existing pavement.
9. Contractor to provide a 1/2" to 1" bituminous expansion joint material with sealer at abutment of concrete and other materials (Building, other poured concrete, etc.).
10. All pavement marking shall be made with permanent thermoplastic and shall conform to FDOT Standard Index 17346. See plans for striping and pavement messages.
11. The contractor will stabilize by seed and mulch, sod or other approved materials any disturbed areas within one week following construction of the utility systems and pavement areas. Contractor shall maintain clear zones until final acceptance by the Owner.
12. All underground utilities must be in place and tested or inspected prior to base and surface construction.
13. All workmanship and materials used in the construction of this project shall conform to FDOT "Standard Specifications for Road and Bridge Construction", 2010, and the latest Leon County and City of Tallahassee standards, unless otherwise indicated. The more stringent shall be applicable.
14. Existing signage that will be affected by construction will be relocated during construction and kept visible at all times.
15. The Contractor is responsible for coordinating with an independent testing company to verify compaction. Upon completion of the work, soils engineer will submit certifications to Owner and the Engineer stating that all requirements have been met.

ARBORICULTURAL MITIGATION NOTES:

- 1. Contractor shall hire an arborist prior to commencement of work to evaluate the trees within the project area. At that time, recommendations will be made about the trees not listed for removal. Special recommendation on tree located between Station 425+00 and 433+20.
2. All tree protection procedures and activities shall be monitored and approved throughout the construction period by a certified arborist. Arborist will provide mitigation for any damaged trees during construction. Pesticide applications require a state commercial applicators license.
3. All protected trees shall be watered by mechanical irrigation at a minimum rate equivalent to one inch of rainfall per week. Under no circumstances shall trenching for the irrigation lines be within the CPZ of any protected tree. Rate shall be dependent upon soil type. For trees that require root pruning, watering shall commence as far in advance as possible to development activity and shall continue through the completion of the project. Watering shall be adjusted as required by weather conditions. A tensiometer shall be required for verification of application rates. Care shall be taken to prevent water from soaking the base of trees and root collars. Soaker hoses are an acceptable method of irrigation during construction. Irrigation shall be on grade or placed parallel to the radial roots of the tree so as not to damage the trees root system.
4. Mulching shall be used throughout the project within the CPZ of protected trees, if possible.
5. Root pruning shall occur prior to site grading, earthwork, excavation or any other activity which may damage the roots of a tree to be preserved in all areas where demolition or new construction requires removal of existing roots (i.e. excavation/construction of curbs, paving and base). Roots shall be cut with a mechanical trenching device to a minimum depth of 18 inches followed immediately by a clean-cut hand pruning of all roots of greater than 3/4" diameter. Root pruning shall occur in advance of site clearing or excavation or construction. All exposed pruned or cut roots shall be covered immediately with topsoil, mulch, or other organic medium. When it

ARBORICULTURAL MITIGATION NOTES (CONTINUED):

- is not possible to backfill in a reasonable amount of time and soil conditions permit, roots shall be cut with a root pruning saw a reasonable distance from the primary cut activity and backfilled in the same day in order to avoid soil or root dehydration.
6. Liquid fertilization shall follow root pruning. For liquid fertilization, using a soil injection needle, inject a high nitrogen (3-1-1 ratio) slow release at 150-200 gal to a depth of 12 inches. Space injections three feet apart throughout the remaining/accessible area of the critical protection zone (CPZ). Fertilizer shall be injected at the manufacturer's recommended rate.
7. For soil aeration, using a 1-3/4-inch soil auger, drill holes to a depth of 12 inches every 24 inches apart, starting three feet from the collar and stopping three to five feet past the drip line of the tree. This entire area under the tree shall be aerated. A high nitrogen (3-1-1 ratio) slow release fertilizer shall be mixed with peat moss and gypsum or peat moss and sand (1-5-2 ratio) mix and back filled into the aeration holes. Fertilization shall be performed by a licensed and bonded tree surgeon.
8. Pruning shall be performed by a licensed and bonded tree surgeon in accordance with the National Arborist Association standards and as directed on site by the Landscape Architect. Pruning and crown cleaning shall be done to one inch and larger dead branches. Remove all dead and diseased limbs that harbor decay and diseased pathogens as well as heavy concentrations of mold and vines that compete with crown foliage. When addressed by a certified arborist, branch collar cuts over eight inch diameter may be allowed to raise limbs in order to accommodate construction traffic, equipment and structures.

MAINTENANCE OF TRAFFIC GENERAL NOTES:

- 1. Traffic shall be maintained in accordance with the 2010 FDOT Design Standards, Index 600 series and the 2009 edition FHWA "Manual of Uniform Traffic Control Devices".
2. Temporary travel lanes shall not be less than 10 feet in width on roadways open to traffic and adjacent side roads. Travel lanes on roadways open to traffic shall be properly delineated during all phases of construction.
3. Temporary lane closures, on those roadways open to traffic, will not be allowed between the hours of 6:30 AM and 9:00 AM and between the hours of 4:00 PM and 6:00 PM. Lane closures will not be allowed Friday through Sunday during FSU and FAMU home football game weekends. The contractor shall request from the Project Administrator, a street, lane or sidewalk closure 24 hours in advance of such closure.
4. Driveway access shall be maintained at all times during construction of the roadways.
5. Maintenance of Traffic operations on intersecting thoroughfares and adjacent streets including traffic signal work shall be coordinated with the City of Tallahassee (Mr. Don Dobson), Tallahassee Traffic Engineering Department, 500 South Adams Street, Tallahassee, Florida, 32301, Phone 904-891-8261. Contractor shall temporarily relocate signal heads or use temporary signals to maintain safe traffic control at existing signalized intersections within the work area. Temporary signal work shall be incidental to Pay Item 102-1 Maintenance of Traffic.
6. It is the responsibility of the contractor to maintain clear zone requirements for equipment and materials storage and work zone protection as specified in FDOT Standard Index 600.
7. The contractor must provide temporary drainage when historical drainage patterns are impeded in an active work zone. Any additional cost associated with drainage (installation and removal of temporary structures, deslting of existing pipes) shall be incidental to Pay Item 102-1 Maintenance of Traffic.
8. The contractor must provide a qualified Maintenance of Traffic supervisor to be on site when work is taking place and shall be on call for emergencies when the contractor is not available. The contractor shall provide the Project Administrator a 24-hour on-call telephone number.
9. The project administrator reserves the right to require additional devices and/or changes to the Traffic Control Plan based upon changing traffic conditions or traffic safety problems.
10. The contractor shall provide a Traffic Control Officer (with flashing lights) during all lane closure operations, night time operations, aerial signal construction or modifications, and during implementation of change in the traffic pattern (rerouting or shifting traffic).
11. Unless otherwise noted in the plans, the existing speed limits on all roadways shall be maintained during construction.
12. The contractor has the option to submit alternate Traffic Control Plans. Subject plan must be signed and sealed by a Florida-Register Professional Engineer and be subject to approval by Leon County.

OPERATIONS AND MAINTENANCE OF STORMWATER SYSTEMS:

- 1. The Stormwater Management System within the project site will be owned, operated and maintained by Leon County, Department of Public Works.
2. The Contractor is responsible for providing an as-built survey of the stormwater system by a registered surveyor in the State of Florida.
3. The Contractor is responsible for maintaining the stormwater system until accepted by the Owner.

SITWORK NOTES:

- 1. Contractor shall clear and grub only those portions of the site necessary for construction. Contractor shall notify Centurylink for removal of cables or manhole tops from their services within the ROW. Disturbed areas will be reconstructed, seeded, mulched, sodded or planted with other approved landscape material within one week following construction.
2. The top 4" to 6" of soil shall be removed during clearing and grubbing unless there is the presence of limerock in which case the limerock will be left undisturbed. The removed soil shall be stockpiled off site designated by the Engineer or Leon County to be used for landscaping purposes, unless otherwise directed by the Owner. Remaining earthwork that results from clearing and grubbing or site excavation is to be utilized on-site. Excess material is to be either stockpiled on the site or disposed of as directed by the Owner. Stockpiled material will be protected with silt fencing.
3. Contractor is responsible for acquiring any permits that are necessary for removing excess earthwork from the site.
4. The Contractor shall survey and stake the clearing limits as indicated by the plans and receive approval from the Engineer prior to commencing with the Clearing and Grubbing operation. (Refer to Tree Protection Details and Notes.)
5. Burning of materials and/or debris as a means of disposal is prohibited within the project limits. The Contractor shall dispose of all clearing and grubbing material off-site. The Contractor is responsible for obtaining written permission from the property owners prior to storing or staging any equipment or materials on any property not owned by the County. A copy of the written permission will be provided to the Engineer prior to storing or staging.
6. If a monitoring well is encountered within or adjacent to the project corridor, and is not shown in the plans, the Contractor shall immediately notify the Engineer.
7. The Contractor shall be responsible for complying with all Federal and State regulations concerning site safety and handling and disposal of contaminated soils and materials. Contractor will note that some of the existing duct banks are transect. Removal must be in accordance with OSHA and current regulations. Contractor will be responsible for disposal at an approved site.
8. A-B and other non-select soils, when encountered, shall be removed from construction areas and back-filled with select materials in accordance with FDOT indices 500 and 505.
9. Geotechnical engineering services including soil borings have been provided by Environmental and Geotechnical Specialists, Inc. Their report can be obtained by the Contractor from Leon County. The Engineer assumes no responsibility for the correctness, completeness or accuracy of the geotechnical data provided by Environmental and Geotechnical Specialists, Inc.
10. Clearing and grubbing includes the removal of all incidental items including but not limited to structures, concrete, asphalt, gravel, fencing and any other improvements to be removed. It will be the responsibility of the Contractor to dispose of such items off site at approved facilities.
11. All rocks or stones larger than 6" in diameter shall be removed from the backfill material. Backfill material placed within the limits of clearing and grubbing shall not contain any stones larger than 2" in diameter.
12. All sidewalks to be a minimum 3,000 psi fiber reinforced concrete and 4" thick except at driveway crossing where they shall be 6" thick reinforced with 5" x 6" #10 WWF. Scoring will be constructed in accordance with scoring plan. Scoring shall be constructed for the first 20' and approved for quality of work by the City of Tallahassee prior to continuing the sidewalk construction and scoring.
13. Any damage to existing topographic features, not specifically addressed in the plans, shall be reconstructed at the cost of the Contractor.

HISTORICAL RESOURCES WARNING

- 1. If a concentration of prehistoric or historic artifacts, such as pottery or ceramics, stone tools or metal implements, or any other physical remains that could be associated with Native American cultures, early colonial, territorial or American settlement are encountered at any time within the project streets, the permitted project should cease all activities involving subsurface disturbance in the immediate vicinity of such discoveries. The applicant, or other designee, should contact the Division of Historical Resources, Compliance and Review section at 850-245-6333, as well as the appropriate permitting agency office. Project activities should not resume without verbal and/or written authorization from the Division.
2. In the event that unmarked human remains are encountered during permitted activities, all work shall stop immediately and the proper authorities notified in accordance with Section 872.05, Florida Statutes.

TREE PROTECTION NOTES:

- 1. Post all placards (without driving nails in trees).
2. Prior to any site clearing, all trees shown to remain as indicated on the plans shall be protected in accordance with the City of Tallahassee tree ordinances and details contained in these plans. It shall be the Contractor's responsibility to maintain these trees in good condition. No tree shown to remain shall be removed without approval from the City of Tallahassee Growth Management Department.
3. Protective barricades shall be placed around all protected trees prior to site clearing, and shall remain in place until land alteration, site clearing and construction activities are complete. The barricade shall be constructed to prevent the encroachment of equipment or vehicles, the removal of existing groundcover, the disturbance or compaction of soil, or the scoring of roots within the Critical Protection Zone (CPZ). There shall be no storage of materials or equipment of any kind within this zone.
4. Required tree barricades must remain intact throughout construction. Encroachment into or failure to maintain tree barricades will result in enforcement action.
5. A minimum distance as instructed by the arborist shall be maintained from all protected trees when installing underground utilities. If this results in unreasonable hardship, a soil auger shall be used to tunnel under the root systems. Arborist will provide direction to the contractor for pipes being constructed.
6. The Contractor is required to prevent damage to trees which are to remain. Damage to protected trees will not be tolerated. The Contractor shall be liable for all damage to trees that are designated to be saved during construction.
7. All trimming of protected trees shall be done by a qualified, licensed arborist and shall be pruned in accordance with the National Arborist Association (NAA) Pruning Standards.
8. All lines and mitigation associated with any violation not adhering to the tree protection plan as indicated in the City of Tallahassee Environmental Management Permit shall be the responsibility of the Contractor.
9. Per the City of Tallahassee Land Development Code, if protected trees are removed without a permit or otherwise in violation of the permitted requirements, the number of replacement trees shall be up to five times the amount which would have been required for removal, and the Contractor shall be charged twice the normal application fee.

SURVEY NOTES:

- 1. All elevations refer to the National Geodetic Vertical Datum (NGVD) of 1929.
2. Grades shown are finished grades.
3. Any public land corner or bench mark within the limits of construction is to be protected. If a corner monument is in danger of being destroyed and has not been properly referenced, the Project Administrator should notify the Engineer immediately. Any monument otherwise destroyed by the Contractor shall be reset by a Florida PSM at the Contractor's expense.
4. If a corner monument is in danger of being destroyed and has not been properly referenced, the Contractor shall notify the Engineer immediately.
5. If any geodetic monument within the limits of construction are disturbed, the Contractor shall notify.
Mr. Ronnie L. Taylor
Geodetic Regional Coordinator
National Ocean Service
1881 Capital Circle, NE
Tallahassee, FL 32308
(850) 681-7297
6. The Contractor shall provide ten (10) copies of as-built surveys for Final Certification of the City of Tallahassee Environmental Permit and the Northwest Florida Water Management District Environmental Resource Permit.

UTILITY NOTES:

- All gas and electric utility work and materials to meet latest C.O.T. General Specifications.
1. The Contractor shall notify utility owners through Sunshine One Call of Florida Inc (1-800-432-4770 or 811) and utility owners listed below two (2) full business days in advance of beginning construction on the job site.

Table with 4 columns: UTILITY OWNERS, COMPANY, CONTACT, TELEPHONE NO. Lists various utility providers like City of Tallahassee Water and Sewer, Centurylink, AT&T Communications, etc.

- 2. The cost of shoring up or supporting existing power poles during construction will be the responsibility of the utility owner. All work associated with overhead electric shall meet the OSHA regulations.
3. Locations, elevations, and dimensions of existing utilities, structures and other features are shown according to the best information available at time of preparation of these plans. The Contractor shall verify the locations, elevations, and dimensions of all existing utilities, structures and other features affecting this work prior to construction.
4. The Contractor shall coordinate the location and relocation of all applicable utilities with the County and corresponding utility authorities before construction efforts begin.
5. Existing drainage structures within construction limits shall remain, unless otherwise noted.
6. Existing communication ductbanks have been abandoned in place and shall be removed as shown in the Utility Adjustment Plans. Ducts are believed to contain asbestos and must be removed and disposed of per OSHA requirements.

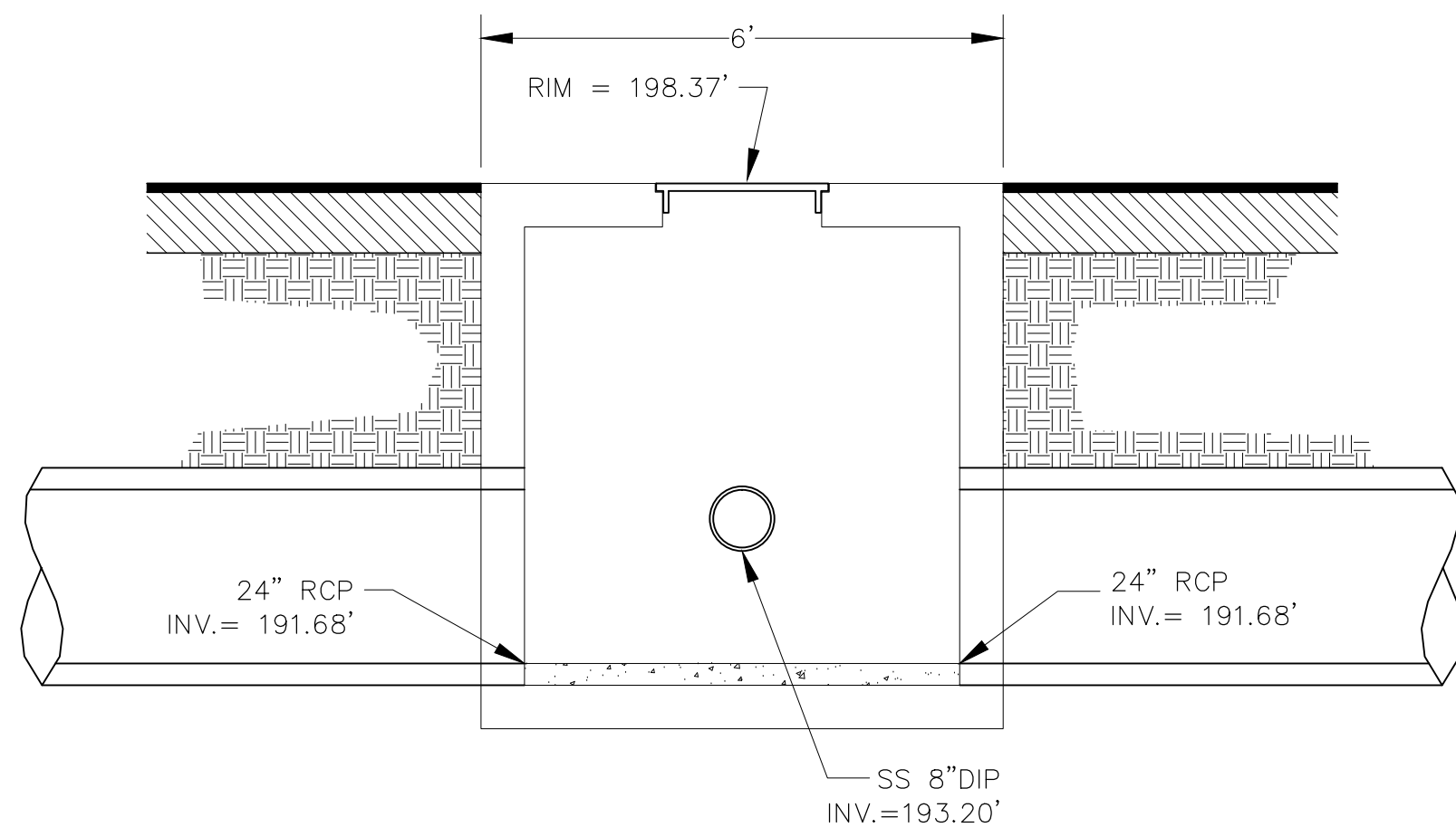
Table with 4 columns: NO., DATE, DESCRIPTION, REVISIONS. Includes project details like PROJECT NUMBER LCP3-028 and DATE 11/19/2012.

GENESIS GROUP logo and contact information: GGI, LLC (dba) GENESIS GROUP, 2507 CALLAWAY ROAD, SUITE 100, TALLAHASSEE, FLORIDA 32303. Includes logos for LEIN and FROM VISION TO REALITY.

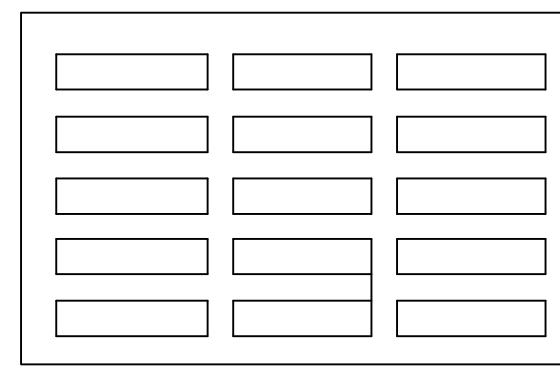
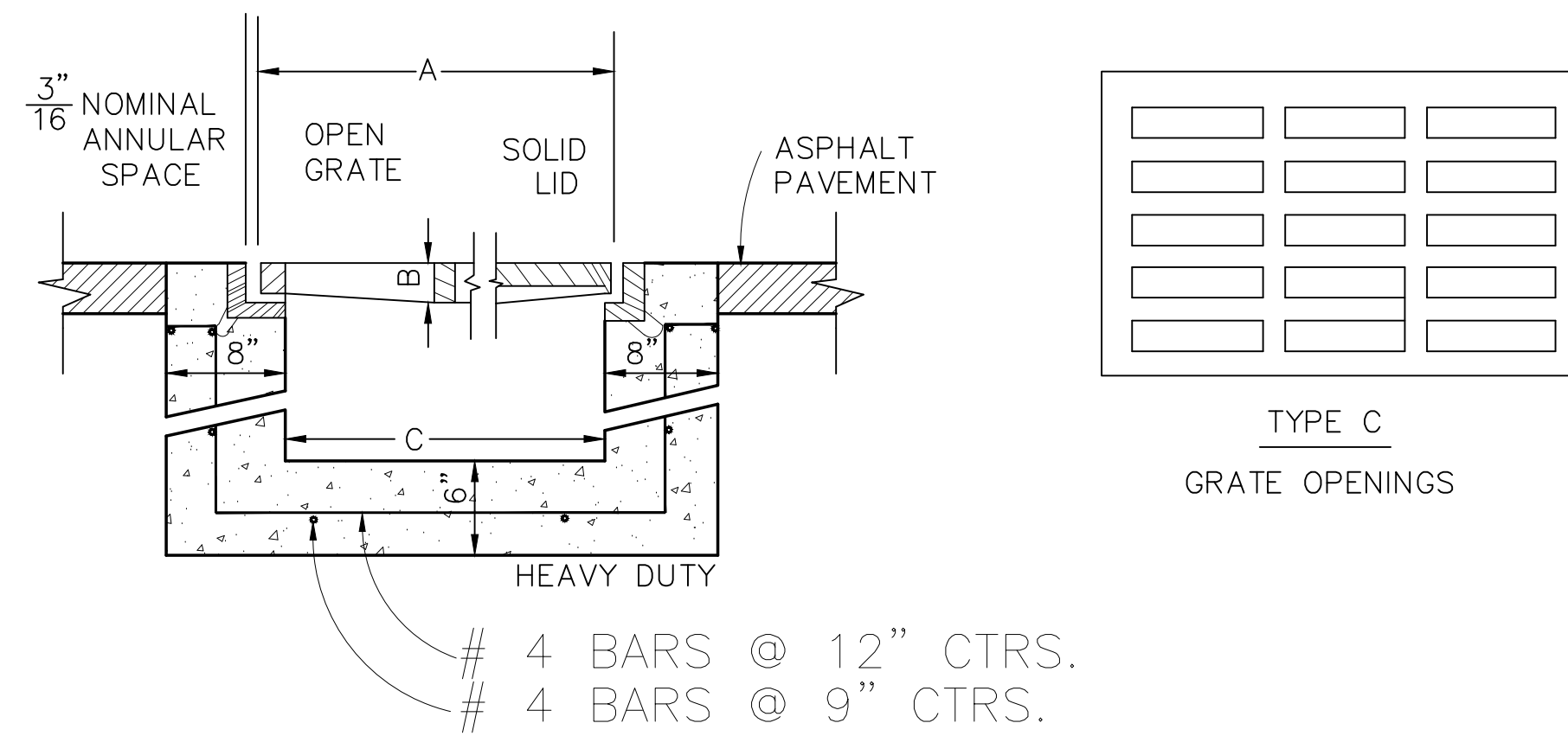
GENERAL NOTES, LAFAYETTE STREET, STORMWATER CONVEYANCE. Includes sheet title, project name, and sheet number 3.

100% SUBMITTAL

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CONFLICT BOX
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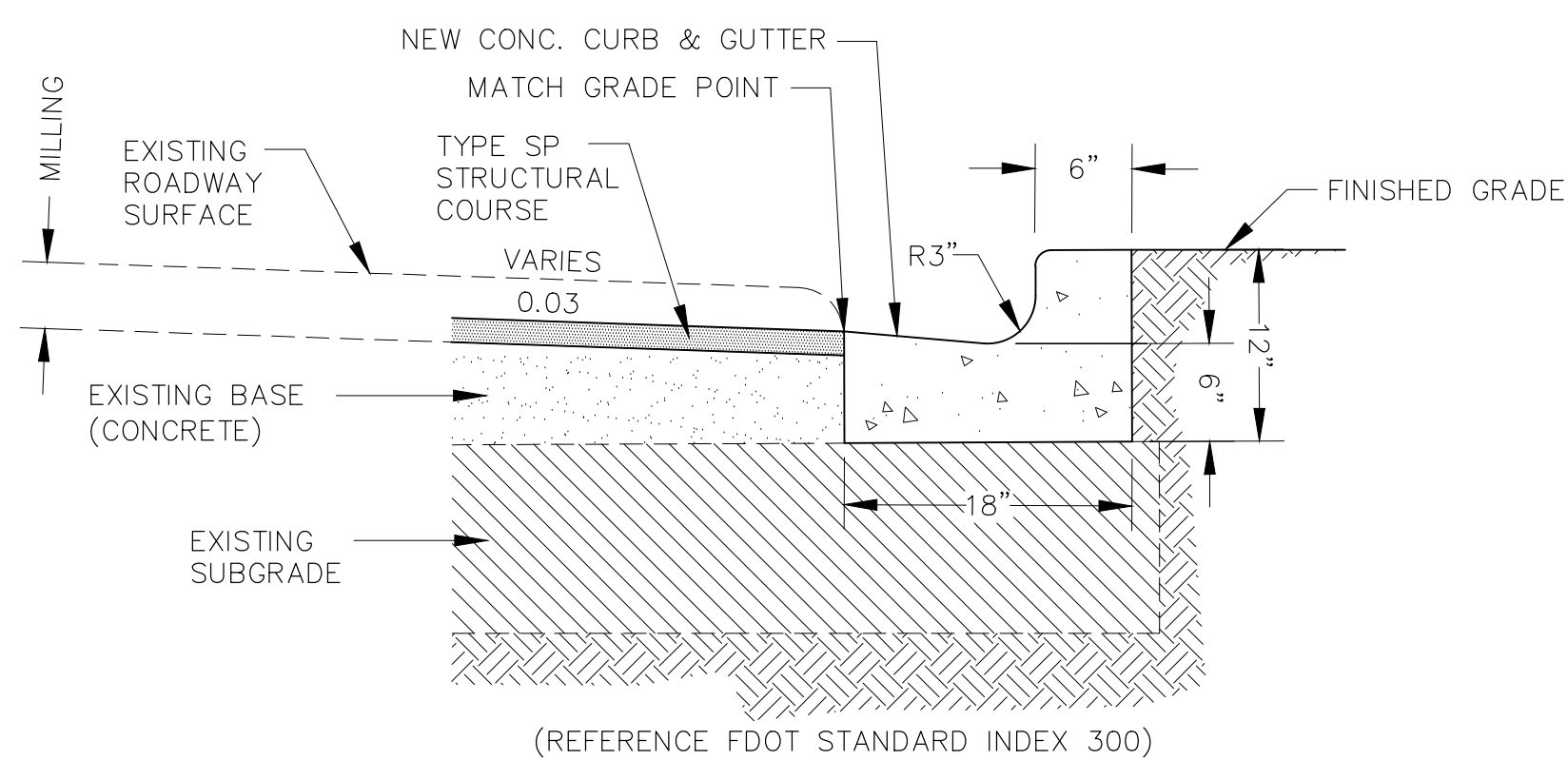
TYPE C
GRATE OPENINGS

Standard Cover Dimensions

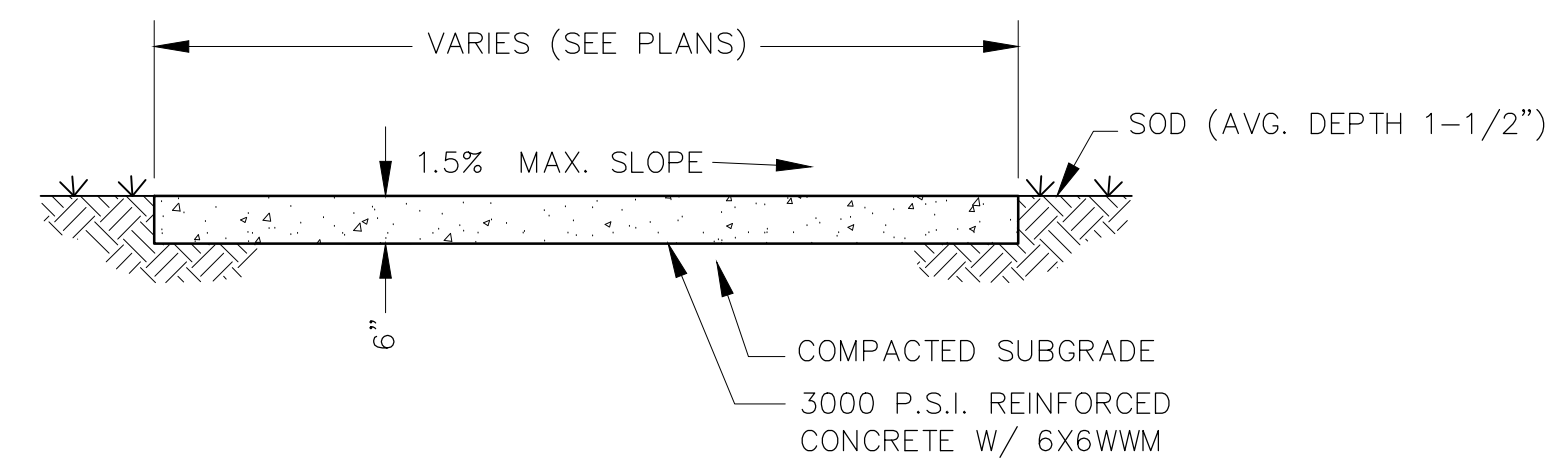
Catalog No.	Dimensions in inches			Weight per lineal foot (without frame)					
	A	B	C	Type A	Type C	Type D	Type E	Type P	Frame
R-4990-HX	26	1.5	24	71	100	85	-	-	12

* RECOMMENDED CX

R-4990 HX HEAVY DUTY
TRENCH FRAMES WITH GRATED COVERS
 N.T.S.



MODIFIED FDOT TYPE "F" CURB & GUTTER
 N.T.S.

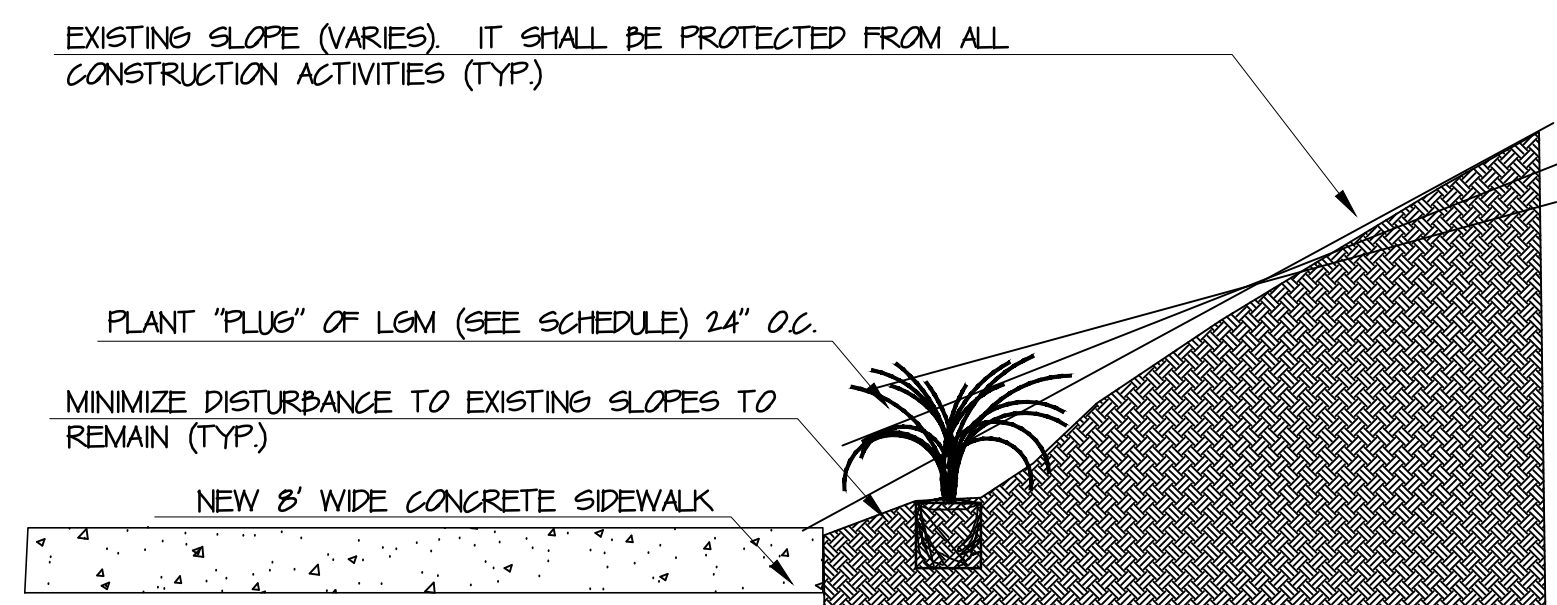


TYPICAL CONCRETE SIDEWALK DETAIL
 N.T.S.

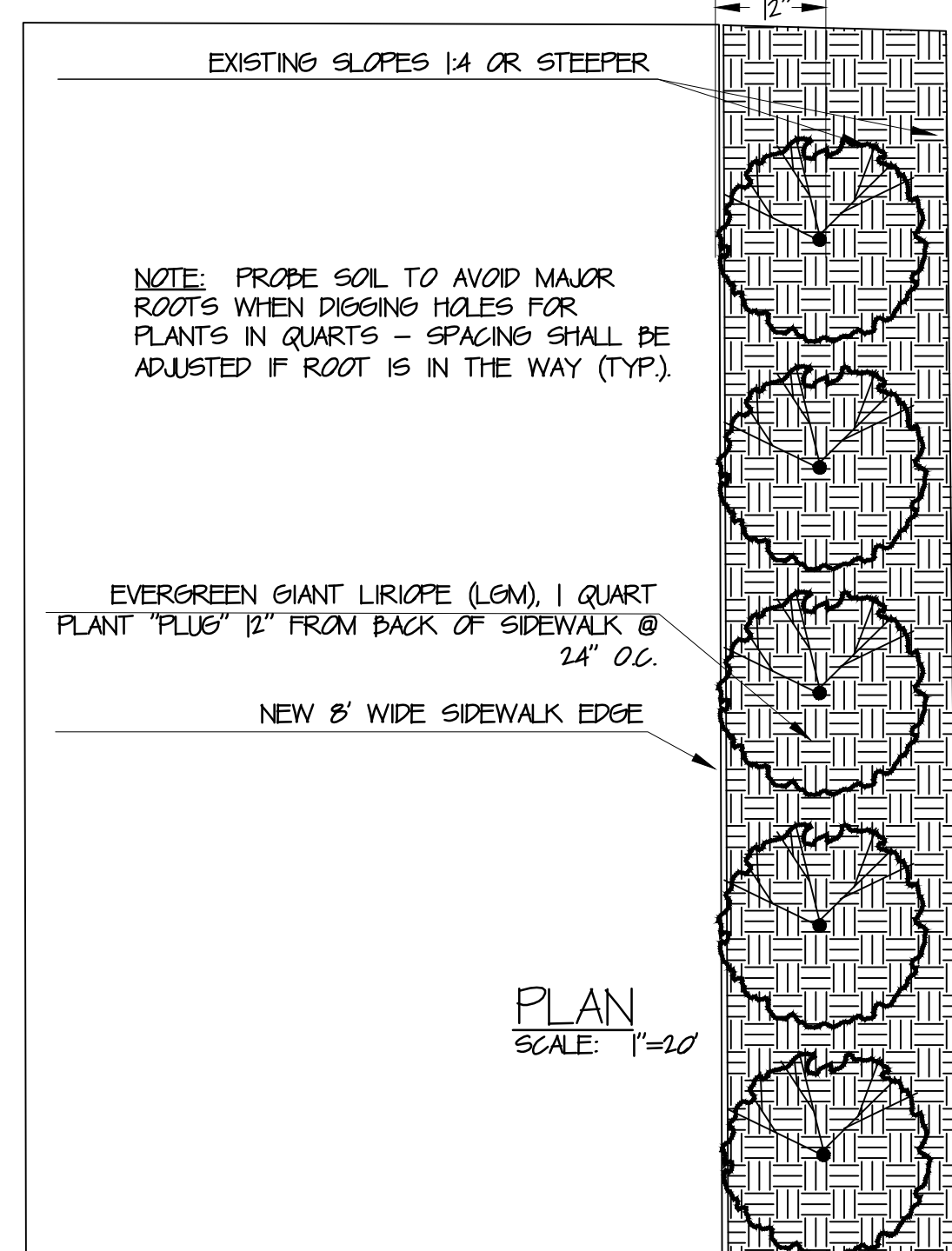
NOTE:
 1. REFER TO FDOT STANDARD INDEX 310 FOR EXPANSION JOINTS.
 2. 6" THICK SIDEWALK WILL BE USED AT ALL DRIVEWAY CROSSINGS.

NO.	DATE	DESCRIPTION	REVISIONS	DESIGNED BY:	W.S.L.	CHECKED BY:	J.P.S.	PROJECT NUMBER:	LCP3-028
				DRAWN BY:	S.R.W.	SCALE:	N.T.S.	DATE:	11/19/2012
GENESIS GROUP GGI, LLC dba GENESIS GROUP 2507 CALLAWAY ROAD, SUITE 100 TALLAHASSEE, FLORIDA 32303 (850) 224-4400 (850) 681-5600 FAX FROM VISION TO REALITY FL, CA 00009660 FL, LB 0006816 FL, LC 26000202				PUBLIC WORKS DEPARTMENT STREETS AND DRAINAGE					
PREPARED FOR: 				James P. Sullivan, P.E. License Number: 12291					
DETAILS				LAFAYETTE STREET STORMWATER CONVEYANCE					
SHEET TITLE				PROJECT NAME					
SHEET NUMBER				4					

100% SUBMITTAL



SECTION
 SCALE: 1"=10'



PLAN
 SCALE: 1"=10'

GENERAL NOTES:

- EXISTING TREES TO BE REMOVED ARE NOTED ON PLANS.
- PROTECT ALL OTHER EXISTING TREES FROM ANY AND ALL HARM POSSIBLE FROM CONSTRUCTION ACTIVITIES.
- SLOPES 8:5 FROM EXISTING BACK OF CUR ARE TO BE PROTECTED FROM CONSTRUCTION IMPACT.
- DO NOT CAUSE CONDITIONS THAT WILL LEAD TO EROSION OF THESE EXISTING SLOPES WHILE PERFORMING WORK OR AT ANY TIME DURING CONSTRUCTION.
- ROOTS OF TREES ARE TO BE PROTECTED. PROBE SOIL TO AVOID MAJOR ROOTS WHEN DIGGING HOLES FOR PLANTS IN QUARTS - SPACING SHALL BE ADJUSTED IF ROOT IS IN THE WAY - PLANT QUART AS CLOSE TO ROOT AS POSSIBLE WITHOUT CAUSING HARM, AND ADJUST SPACING.
- COORDINATE PROJECT ACTIVITIES WITH C.O.T. LANDSCAPE ARCHITECT (COTLA) MS. HILDA SILCHRIST (850) 891-8725.
- NO SUBSTITUTION OF SPECIFIED PLANT MATERIAL (EVERGREEN GIANT LIRIOPE) NOR SIZE CONTAINER (QUART - AS AVAILABLE FROM CLASSIC GROUNDCOVER) WILL BE ALLOWED UNLESS APPROVED IN WRITING BY COTLA.

PLANTING NOTES:

- ALL LANDSCAPE INSTALLATION SHALL BE IN ACCORDANCE WITH THESE PLANS AND FDOT STANDARD SPECIFICATIONS.
- CONTAINER SIZE IS SPECIFIED. A MINIMUM OF 90% OF THE CONTAINER VOLUME MUST BE BOUND BY THE ROOT BALL SYSTEM.
- THE CONTRACTOR SHALL NOTIFY THE COT AT A MINIMUM OF 3 DAYS PRIOR TO DELIVERY OF GROUND COVER (SAME AS DATE WHEN PLANTING IS TO BEGIN) SO THAT THE COT LA MAY BE PRESENT TO VERIFY THEY MEET REQUIREMENTS.
- THE CONTRACTOR IS RESPONSIBLE FOR THE HEALTH AND MAINTENANCE, STORAGE AND PROTECTION FOR ALL PLANT MATERIAL BROUGHT TO THE SITE UNTIL PROJECT ACCEPTANCE.
- COORDINATE AND SCHEDULE A SITE VISIT FROM COTLA TO VIEW, APPROVE, LAYOUT OF THE BASE OF SLOPE PLANTING. ADJUST AS SHE MAY REQUESTED PRIOR TO DIGGING ANY HOLES.
- THE FINAL GRADES AROUND EACH AND EVERY PLANT SHALL BE AT OR JUST BELOW THE EXISTING LEVEL OF THE TOP OF THE POT FOLLOWING TAMPING AND SOIL SETTLING. NOTE: LGM WILL ROT IF PLANTED TOO LOW.
- APPLY WATER TO NEW PLANTINGS TO FULL DEPTH OF ROOTING. AVOID EROSION OF THE SLOPE.

SCHEDULE FOR LINEAR PLANTING BED ELEMENTS:

- EXISTING SLOPE 1:4 OR STEEPER TO REMAIN AND BE PROTECTED FROM CONSTRUCTION DISTURBANCE.
- NEW 8' WIDE SIDEWALK AS PER PLANS.

PLANTS:	KEY:	QTY:	BOTANICAL NAME:	COMMON NAME:	SIZE AND SPECIFICATION NOTES:
	LGM	TPD	LIRIOPE GRANDIFLORA MUSCARI	EVERGREEN GIANT LIRIOPE	QUART SIZE AS AVAILABLE FROM CLASSIC GROUNDCOVERS, INC. (800) 248-8424, OR APPROVED EQUAL (TYP.). PLUS INTO EXISTING BASE OF SLOPE TO MINIMIZE DISTURBANCE.

NOTE: PROBE SOIL TO AVOID HITTING AND CUTTING ROOTS WHEN DRILLING HOLES FOR PLANTS IN QUARTS - SPACING OF PLANTS SHALL BE ADJUSTED IF ROOT IS IN THE WAY (TYP.).

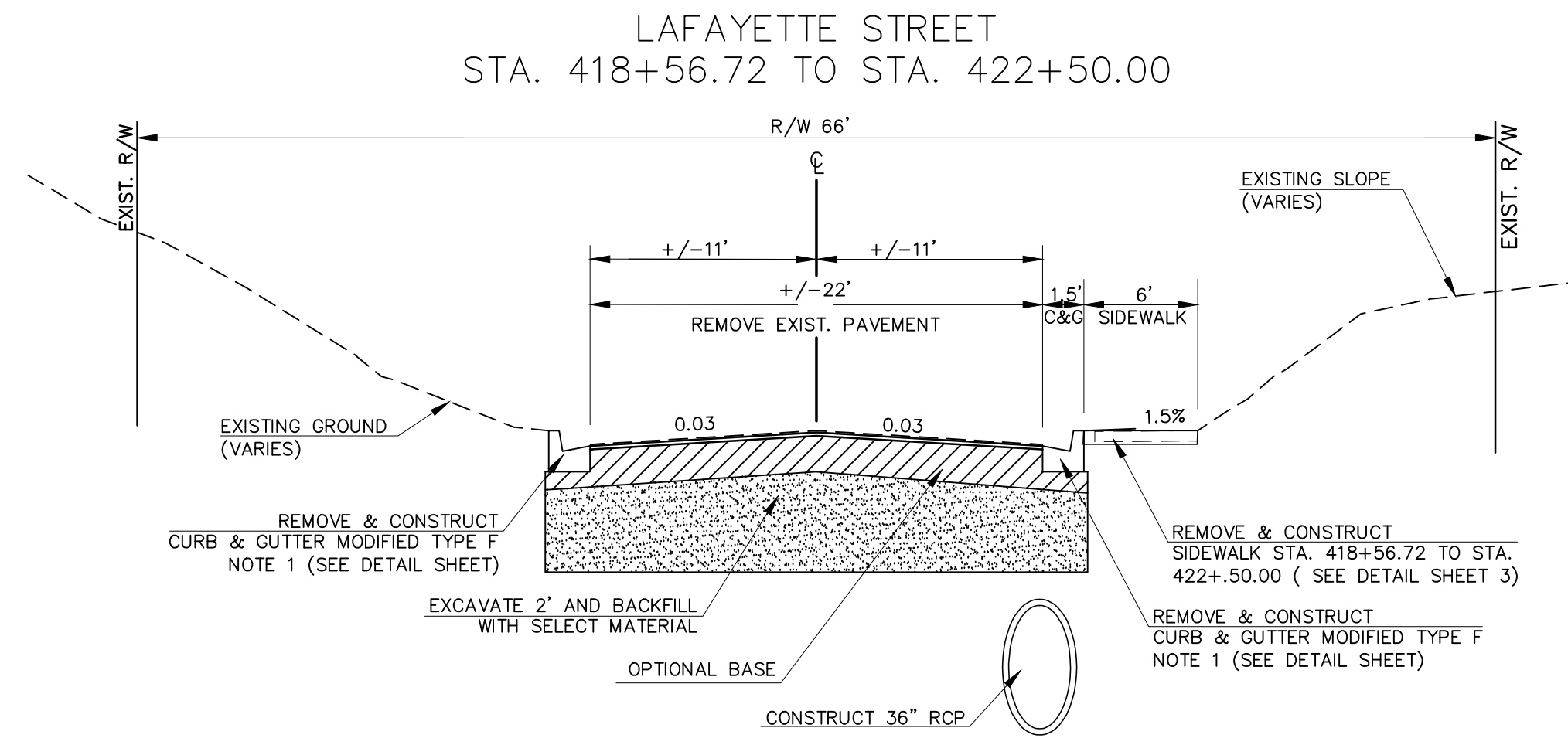
DETAILS OF LINEAR PLANTING BED AT SOUTH SIDE OF NEW SIDEWALK WHERE GRADES EXCEED 1:4

PLANTING LOCATIONS

- 421+06.77 TO 422+49.42
- 425+04.60 TO 433+33.05
- 433+93.07 TO 436+28.46
- 436+67.45 TO 436+77.45

NO.	DATE	DESCRIPTION	REVISIONS
DESIGNED BY: W.S.L.		CHECKED BY: J.P.S.	PROJECT NUMBER: LCP3-028
DRAWN BY: S.R.W.		SCALE: N.T.S.	DATE: 11/19/2012
UTILITY ADJUSTMENT AND LANDSCAPE DETAILS		DETAILS PROVIDED BY THE CITY OF TALLAHASSEE	
LAFAYETTE STREET STORMWATER CONVEYANCE		PUBLIC WORKS DEPARTMENT STREETS AND DRAINAGE	
SHEET NUMBER	5		

November 19, 2012 (08:30:00 EST)
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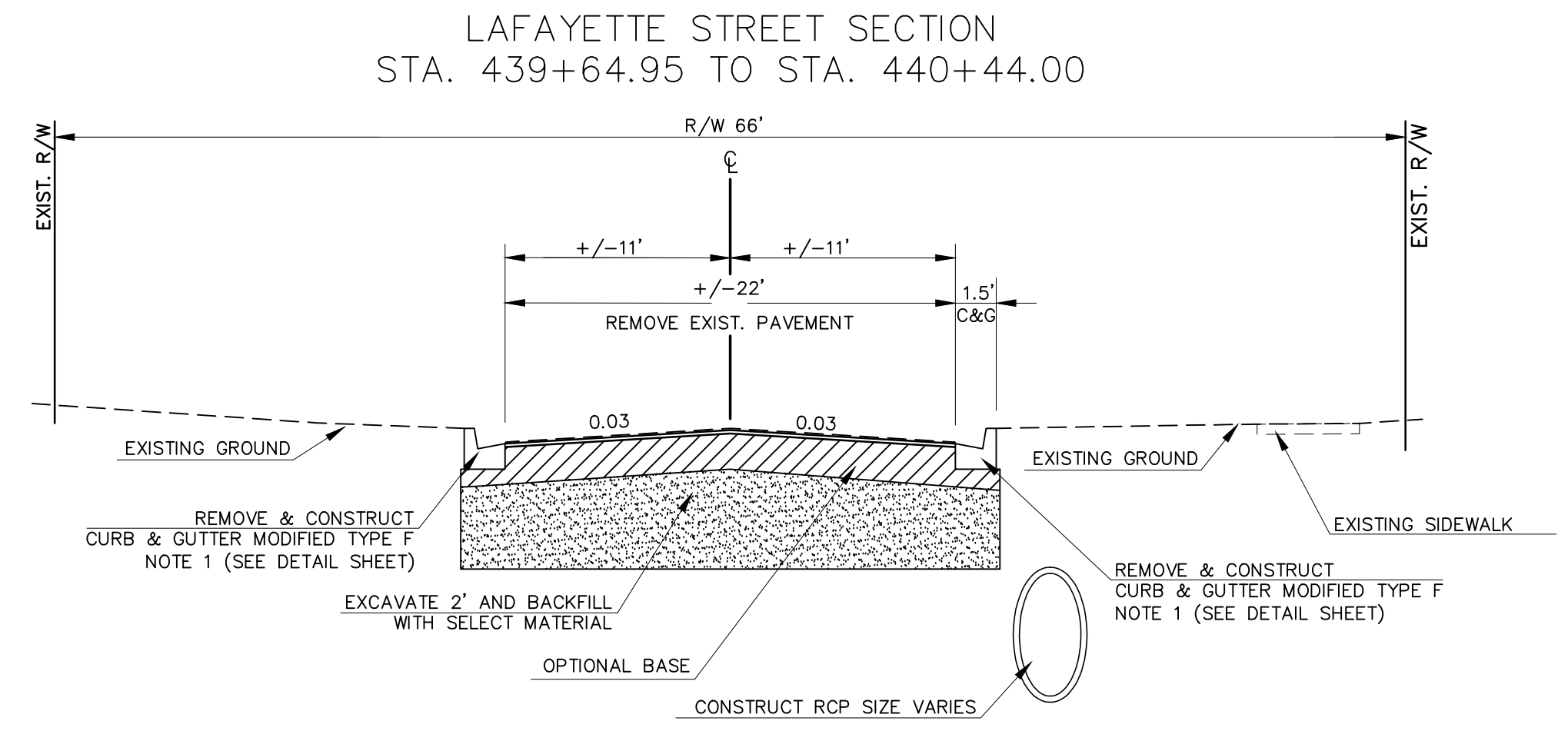


RCP SIZE
STA. 418+56.72 TO STA. 422+50.00 = 36" RCP

DEMOLITION
REMOVE EXISTING ASPHALT PAVEMENT AND CONCRETE BASE

PAVEMENT REPLACEMENT
OPTIONAL BASE GROUP 9 WITH 3" TYPE SP STRUCTURAL COURSE (TRAFFIC B) AT 3.00% CROSS SLOPE

NOTES:
1. MATCH PROPOSED CURB AND GUTTER GRADE TO EXISTING. SEE DETAIL SHEET.

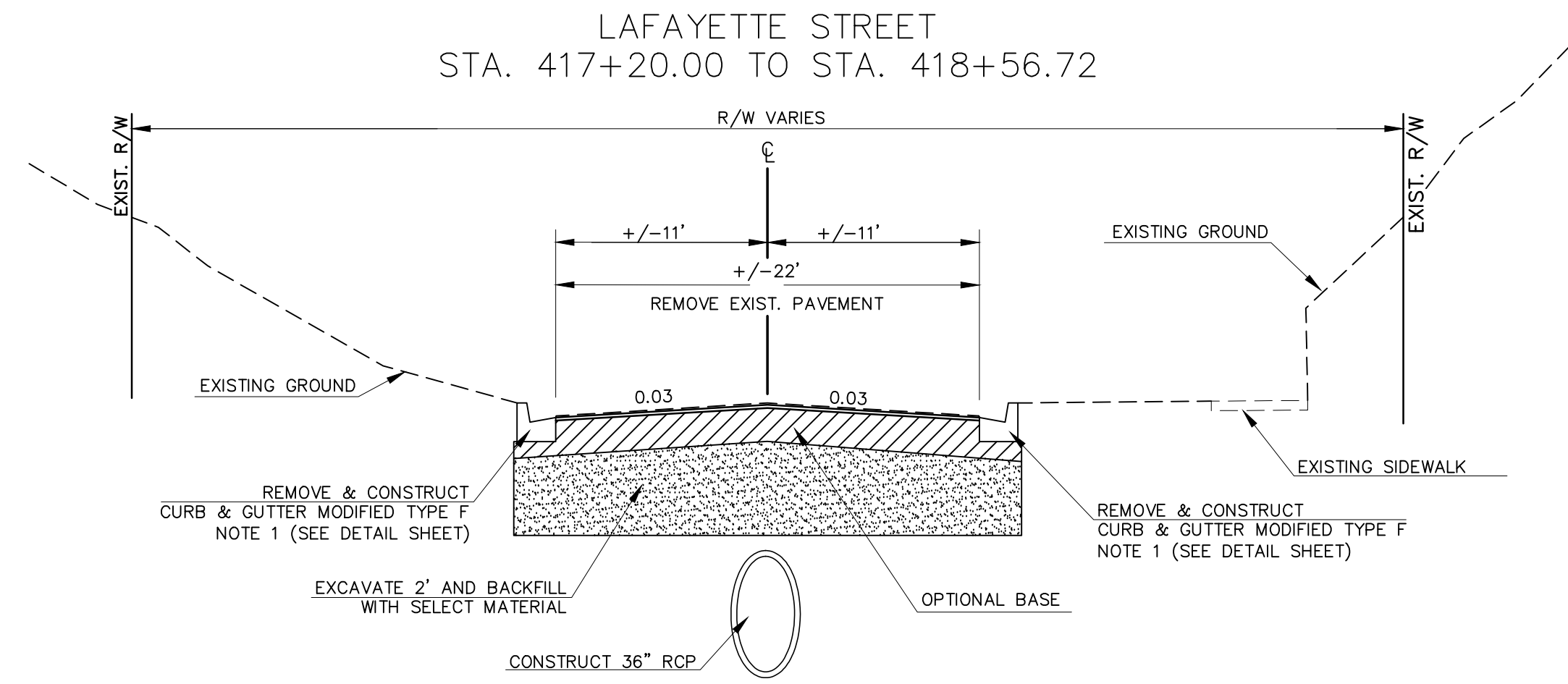


RCP SIZE
STA. 439+64.95 TO STA. 440+44.00 = 24" RCP

DEMOLITION
REMOVE EXISTING ASPHALT PAVEMENT AND CONCRETE BASE

PAVEMENT REPLACEMENT
OPTIONAL BASE GROUP 9 WITH 3" TYPE SP STRUCTURAL COURSE (TRAFFIC B) AT 3.00% CROSS SLOPE

NOTES:
1. MATCH PROPOSED CURB AND GUTTER GRADE TO EXISTING. SEE DETAIL SHEET.

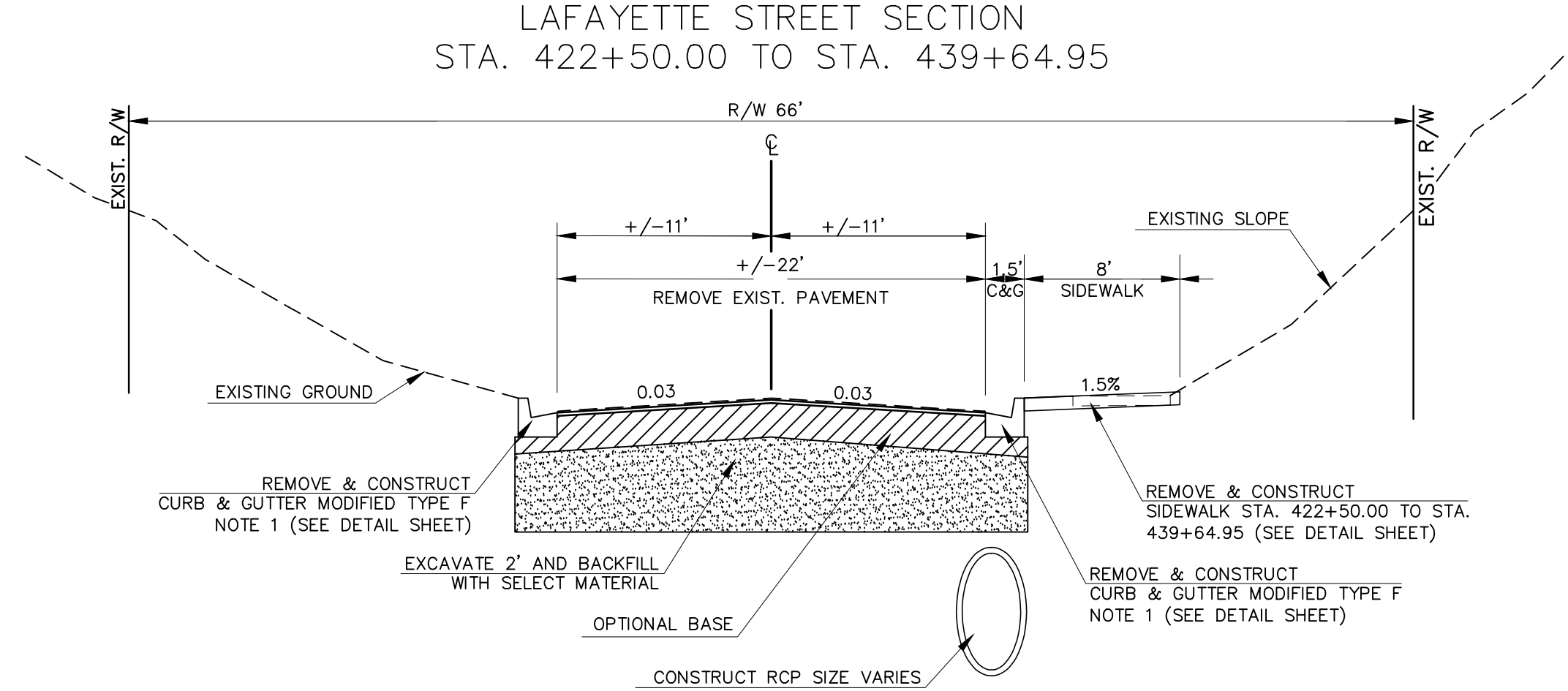


RCP SIZE
STA. 417+30.00 TO STA. 418+56.72 = 36" RCP

DEMOLITION
REMOVE EXISTING ASPHALT PAVEMENT AND CONCRETE BASE

PAVEMENT REPLACEMENT
OPTIONAL BASE GROUP 9 WITH 3" TYPE SP STRUCTURAL COURSE (TRAFFIC B) AT 3.00% CROSS SLOPE

NOTES:
1. SLOPE VARIES (MAXIMUM 3 H TO 1 V).



RCP SIZE
STA. 422+50.00 TO STA. 423+48.10 = 36" RCP
STA. 423+48.10 TO STA. 439+39.05 = 30" RCP
STA. 439+39.05 TO STA. 439+64.95 = 24" RCP

DEMOLITION
REMOVE EXISTING ASPHALT PAVEMENT AND CONCRETE BASE

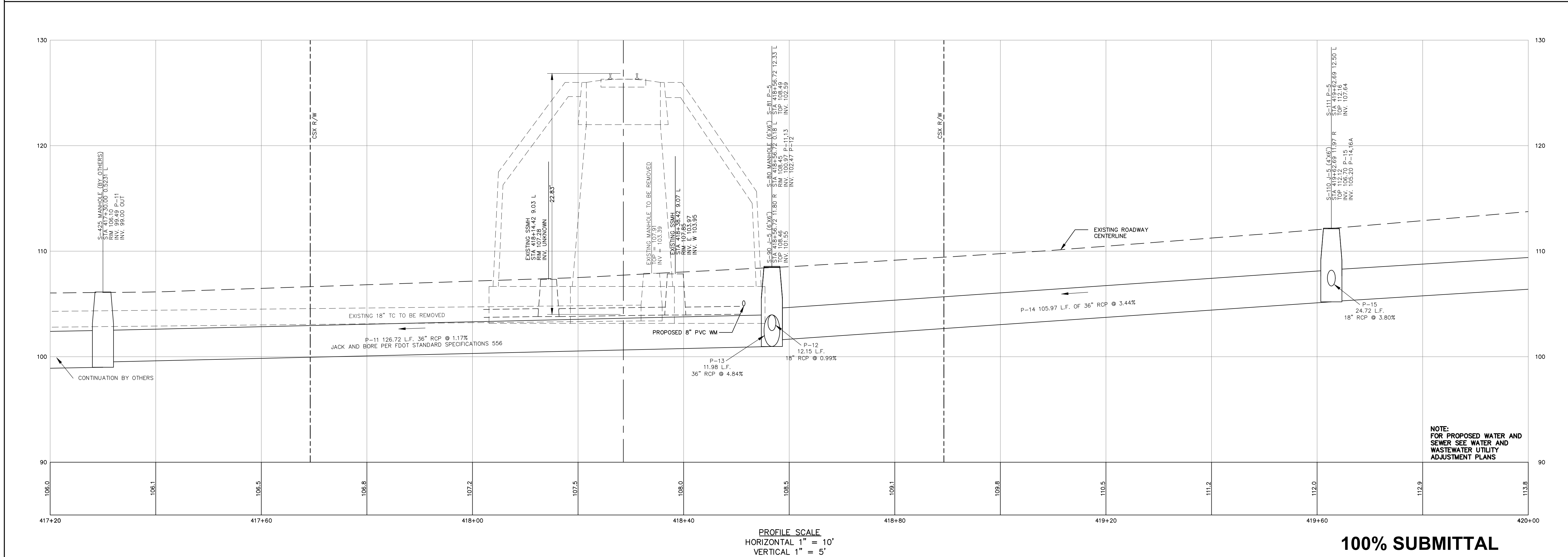
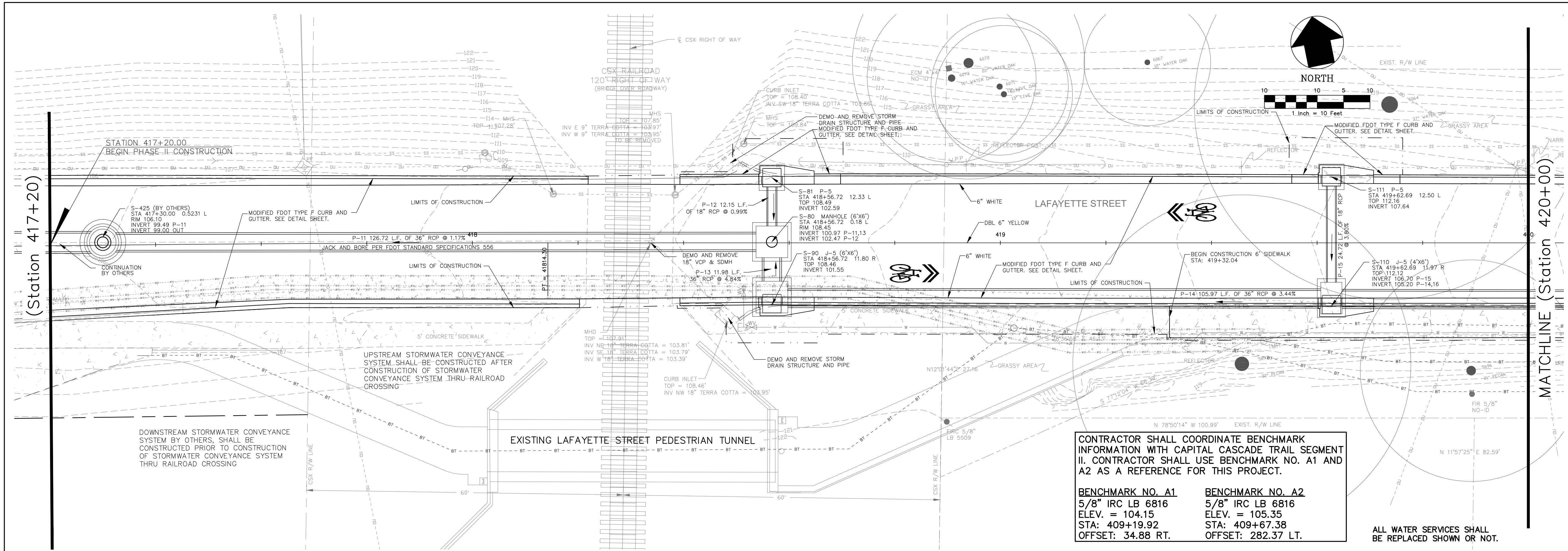
PAVEMENT REPLACEMENT
OPTIONAL BASE GROUP 9 WITH 3" TYPE SP STRUCTURAL COURSE (TRAFFIC B) AT 3.00% CROSS SLOPE

NOTES:
1. MATCH PROPOSED CURB AND GUTTER GRADE TO EXISTING. SEE DETAIL SHEET.

100% SUBMITTAL

NO.	DATE	DESCRIPTION	REVISIONS						
				DESIGNED BY:	W.S.L.	CHECKED BY:	J.P.S.	PROJECT NUMBER:	LCP3-028
				DRAWN BY:	S.R.W.	SCALE:	N.T.S.	DATE:	11/19/2012
<p>GENESIS GROUP GGI, LLC dba GENESIS GROUP 2507 CALLAWAY ROAD, SUITE 100 TALLAHASSEE, FLORIDA 32303 (850) 224-4400 (850) 681-5600 FAX FROM VISION TO REALITY FL CA 00009660 FL LB 0006816 FL LC 26000202</p>									
<p>PUBLIC WORKS DEPARTMENT STREETS AND DRAINAGE</p>									
<p>SEAL</p> <p>James P. Sullivan, P.E. License Number: 12291</p>									
<p>TYPICAL SECTIONS</p>					<p>LAFAYETTE STREET STORMWATER CONVEYANCE</p>				
SHEET TITLE									
SHEET NUMBER									
6									

November 21, 2012 (16:44:36 EST)
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NO.	DATE	DESCRIPTION	REVISIONS

DESIGNED BY: W.S.L. CHECKED BY: J.P.S. PROJECT NUMBER: LCP3-028
 DRAWN BY: S.R.W. SCALE: 1" = 10' DATE: 11/19/2012

GGI, LLC dba GENESIS GROUP
 2507 CALLAWAY ROAD, SUITE 100
 TALLAHASSEE, FLORIDA 32303
 (850) 224-4400 (850) 681-3600 FAX
 FL CA 00009660 FL LB 0006816 FL LIC 26000202

GENESIS GROUP
 FROM VISION TO REALITY

PREPARED FOR

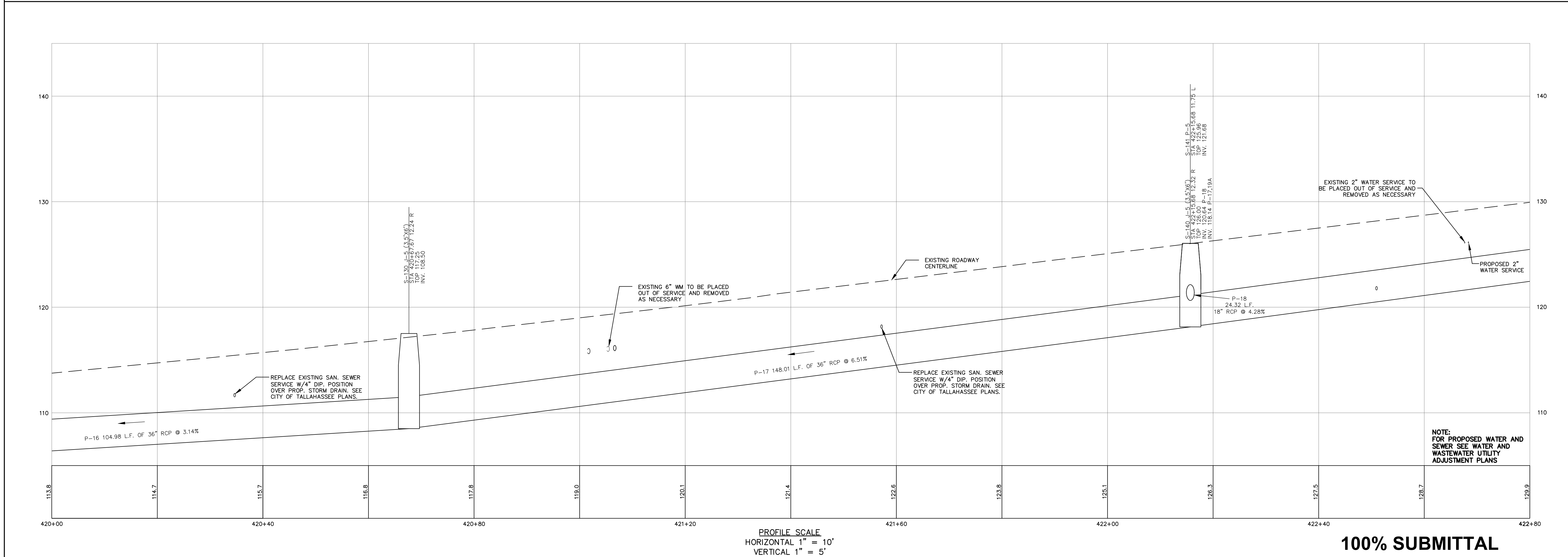
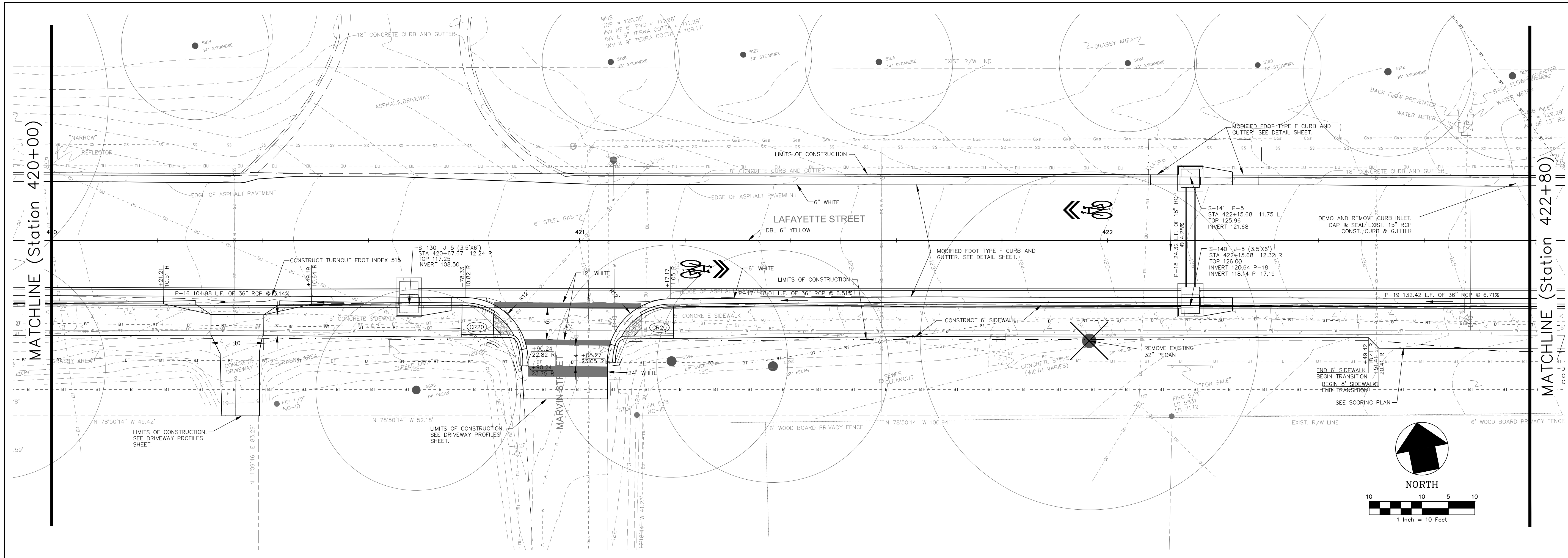
 Ledra & Associates, P.C.
 License Number: 42991

**PUBLIC WORKS DEPARTMENT
 STREETS AND DRAINAGE**

SHEET TITLE: **DRAINAGE PLAN AND PROFILE**
 PROJECT NAME: **LAFAYETTE STREET STORMWATER CONVEYANCE**

SHEET NUMBER: **7**

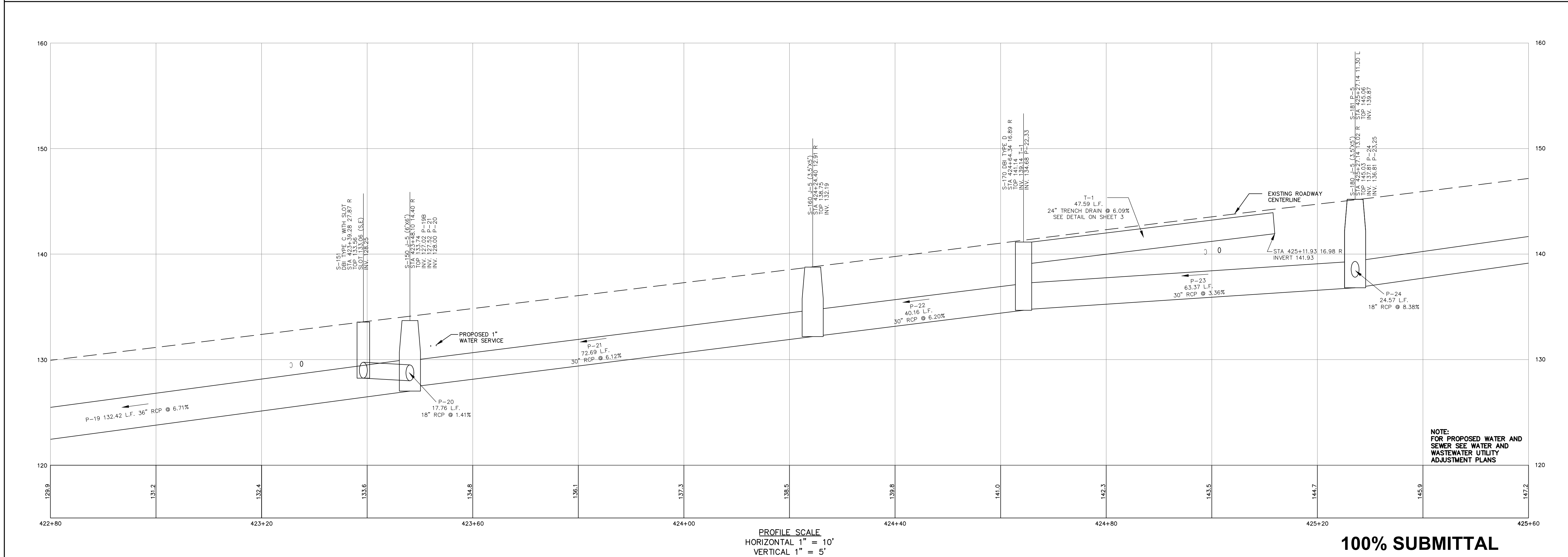
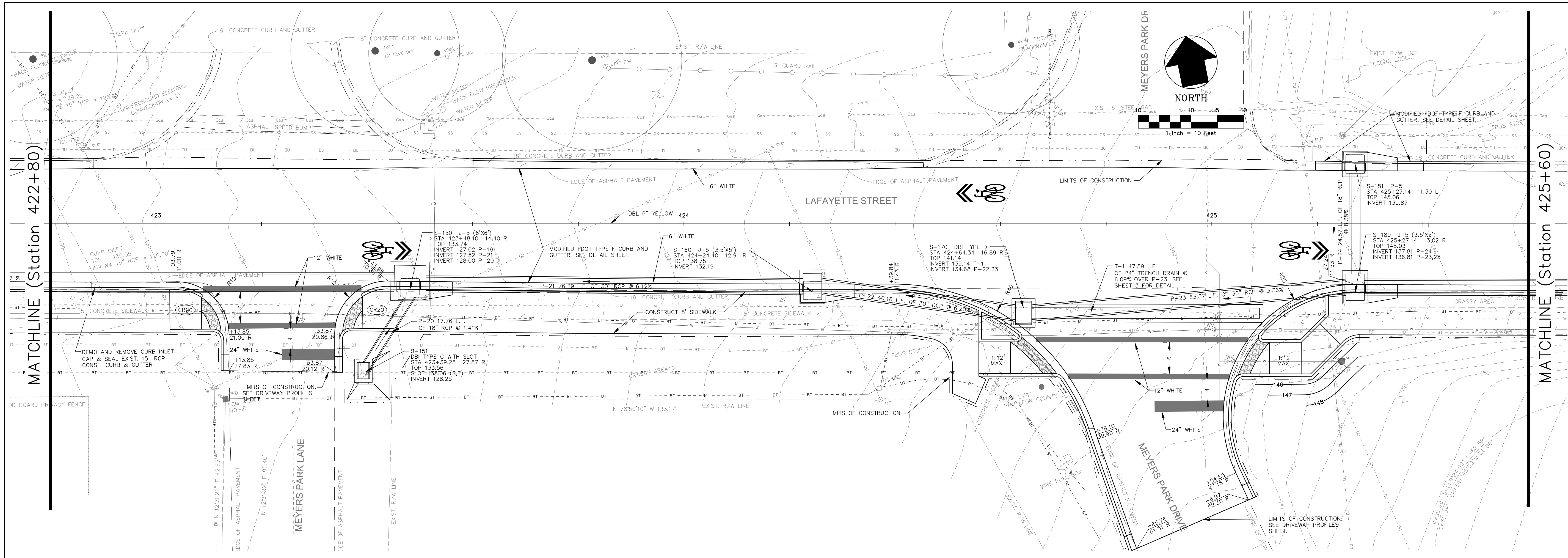
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100% SUBMITTAL

GENESIS GROUP GGI, LLC dba GENESIS GROUP 2507 CALLAWAY ROAD, SUITE 100 TALLAHASSEE, FLORIDA 32303 (850) 224-4400 (850) 681-3600 FAX FROM VISION TO REALITY FL, CA 00009660 FL, IL, CA 00000202		PUBLIC WORKS DEPARTMENT STREETS AND DRAINAGE	
SHEET TITLE DRAINAGE PLAN AND PROFILE		SHEET NUMBER 8	
PROJECT NAME LAFAYETTE STREET STORMWATER CONVEYANCE		DESIGNED BY: W.S.L. CHECKED BY: J.P.S. PROJECT NUMBER: LCP3-028	
SEAL James P. Sullivan, P.E. License Number: 42991		DRAWN BY: S.R.W. SCALE: 1" = 10' DATE: 11/19/2012	

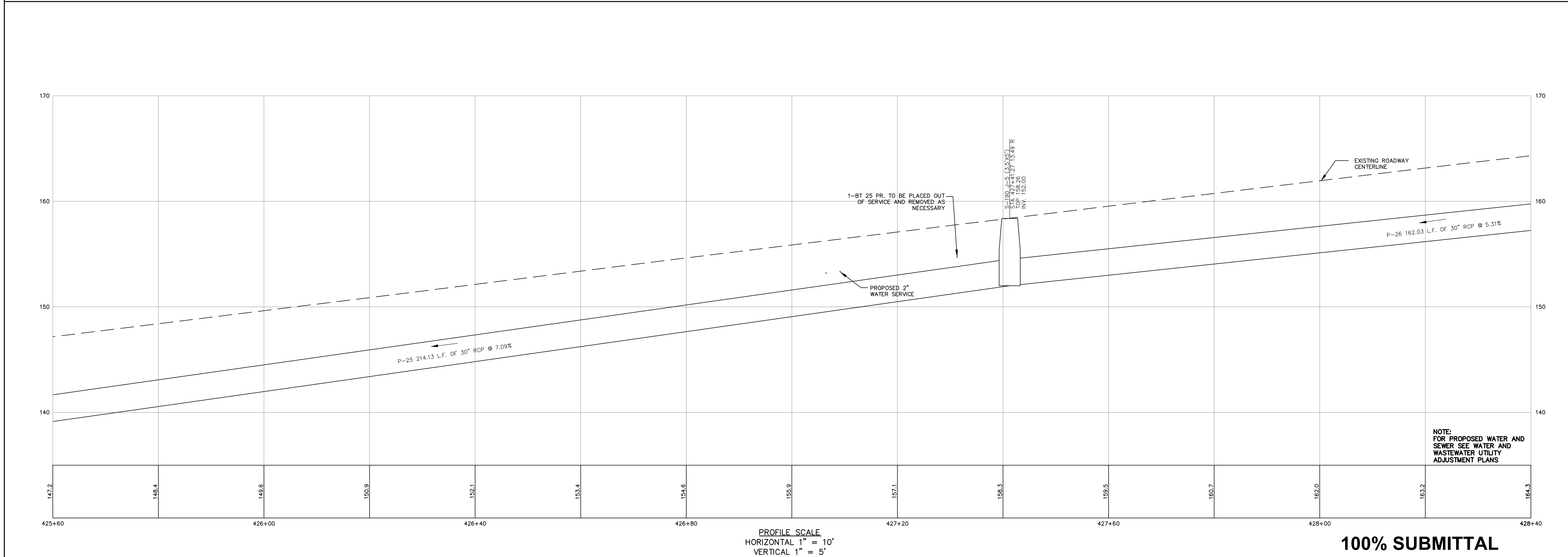
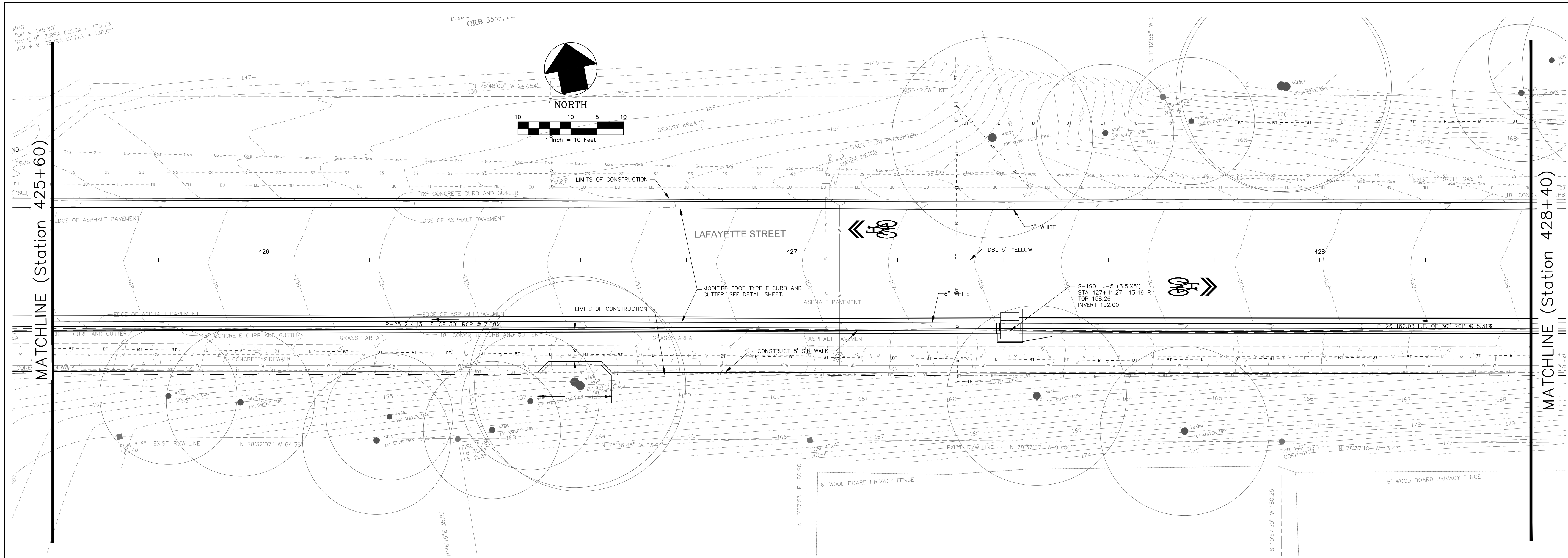
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100% SUBMITTAL

GENESIS GROUP GGI, LLC dba GENESIS GROUP 2507 CALLAWAY ROAD, SUITE 100 TALLAHASSEE, FLORIDA 32303 (850) 224-4400 (850) 681-5600 FAX FROM VISION TO REALITY FL, CA 00009660 FL, LB 0006816 FL, LC 26000202		PUBLIC WORKS DEPARTMENT STREETS AND DRAINAGE	
SHEET TITLE DRAINAGE PLAN AND PROFILE		SHEET NUMBER 9	
PROJECT NAME LAFAYETTE STREET STORMWATER CONVEYANCE		DESIGNED BY: W.S.L. CHECKED BY: J.P.S. PROJECT NUMBER: LCP3-028	
SCALE 1" = 10'		DATE 11/19/2012	
PREPARED FOR LEDM		DRAWN BY: S.R.W.	
PREPARED BY James R. Schmitt, P.E. License Number: 42991		REVISIONS	

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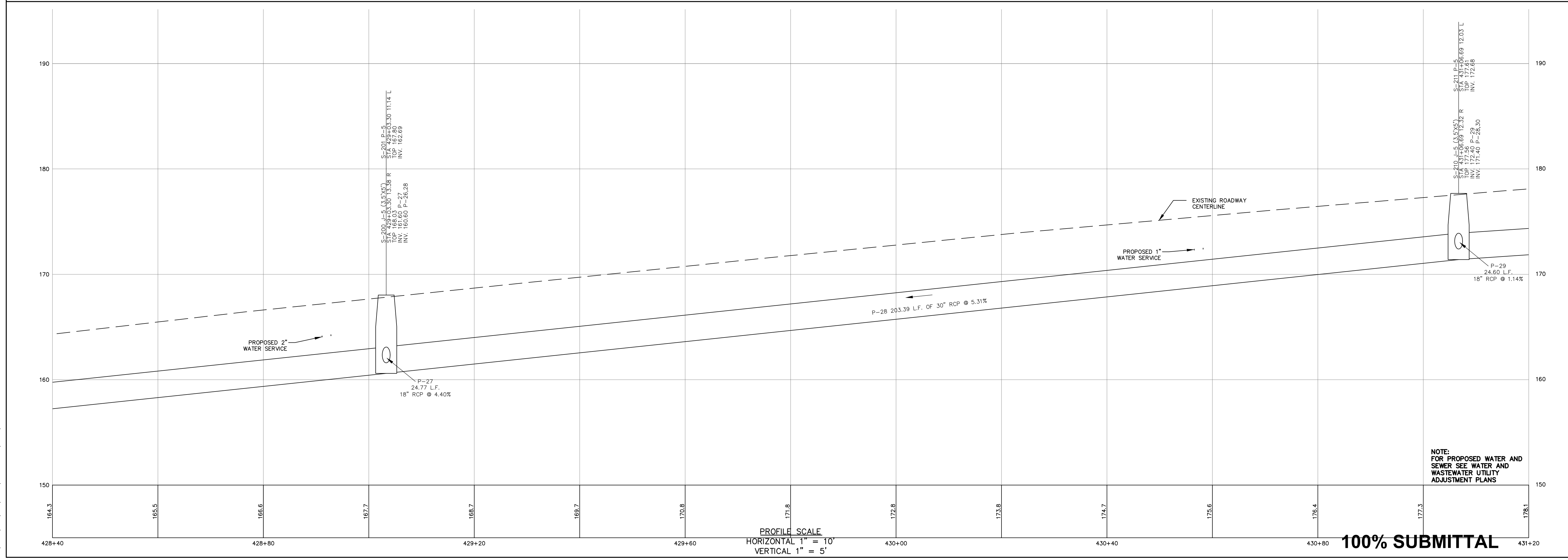
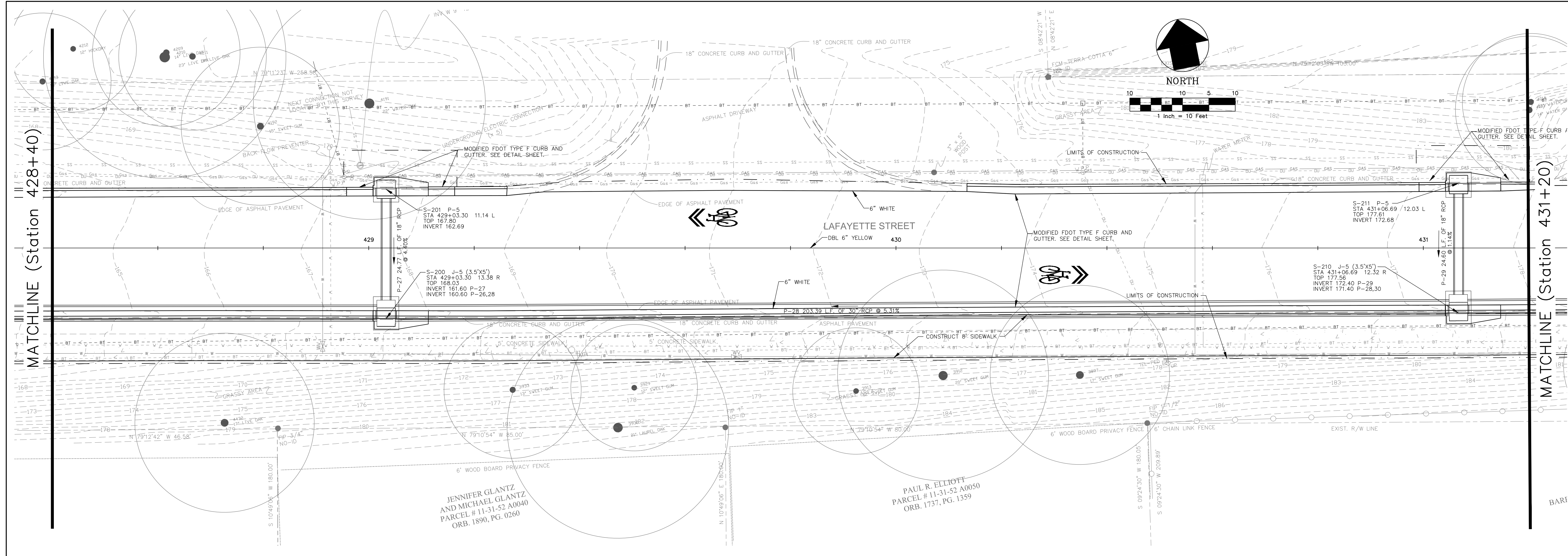


PROFILE SCALE
 HORIZONTAL 1" = 10'
 VERTICAL 1" = 5'

100% SUBMITTAL

NO.	DATE	DESCRIPTION	REVISIONS	
			DESIGNED BY:	DATE
<p>GENESIS GROUP GGI, LLC dba GENESIS GROUP 2507 CALLAWAY ROAD, SUITE 100 TALLAHASSEE, FLORIDA 32303 (850) 224-4400 (850) 681-3600 FAX FROM VISION TO REALITY FL, CA 00009660 FL, IL 0006816 FL, IL C 26000202</p>			<p>DESIGNED BY: W.S.L.</p>	<p>CHECKED BY: J.P.S.</p>
<p>PUBLIC WORKS DEPARTMENT STREETS AND DRAINAGE</p>			<p>DESIGNED BY: S.R.W.</p>	<p>DATE: 11/19/2012</p>
<p>DRAINAGE PLAN AND PROFILE LAFAYETTE STREET STORMWATER CONVEYANCE</p>			<p>PROJECT NUMBER: LCP3-028</p>	
<p>SHEET TITLE</p>			<p>SHEET NUMBER: 10</p>	

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PROFILE SCALE
 HORIZONTAL 1" = 10'
 VERTICAL 1" = 5'

100% SUBMITTAL

NOTE:
 FOR PROPOSED WATER AND
 SEWER SEE WATER AND
 WASTEWATER UTILITY
 ADJUSTMENT PLANS

NO.	DATE	DESCRIPTION	REVISIONS

GENESIS GROUP
 GGI, LLC (dba) GENESIS GROUP
 2507 CALLAWAY ROAD, SUITE 100
 TALLAHASSEE, FLORIDA 32303
 (850) 224-4400 (850) 681-3600 FAX
 FROM VISION TO REALITY FL, CA 00009660 FL, LB 0006816 FL, LC 26000202

PUBLIC WORKS DEPARTMENT
STREETS AND DRAINAGE

PREPARED FOR
LEDM
 James B. Sullivan, P.E.
 License Number: 42991

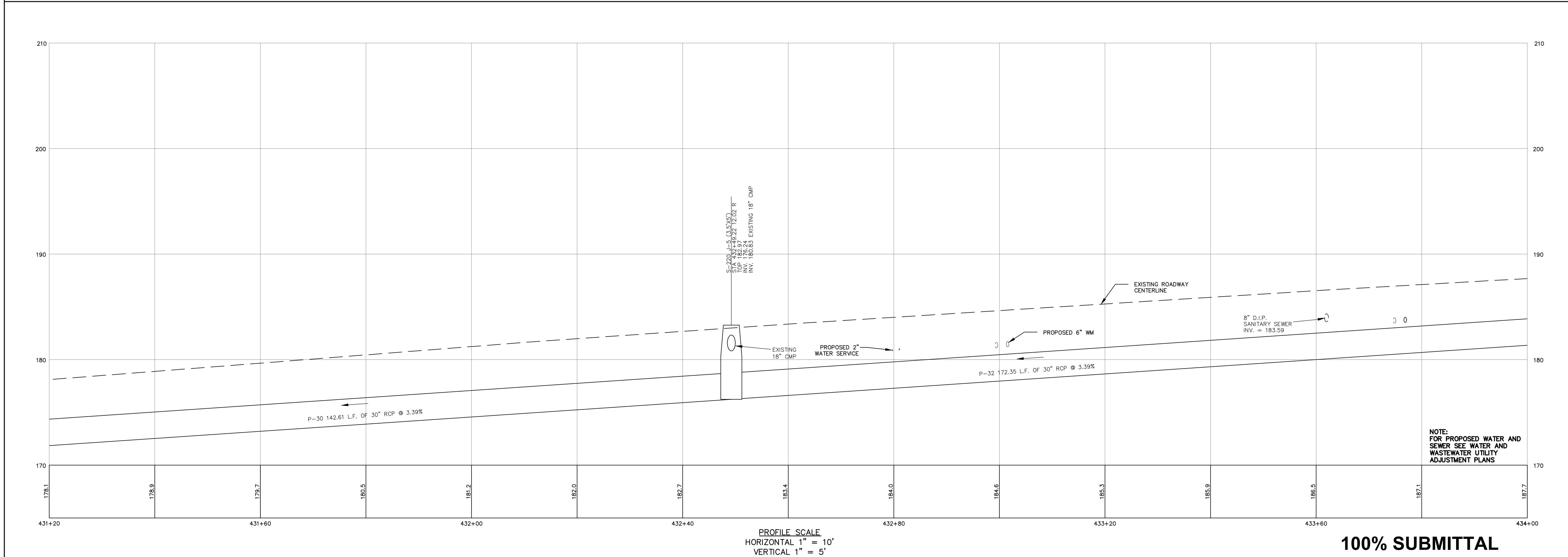
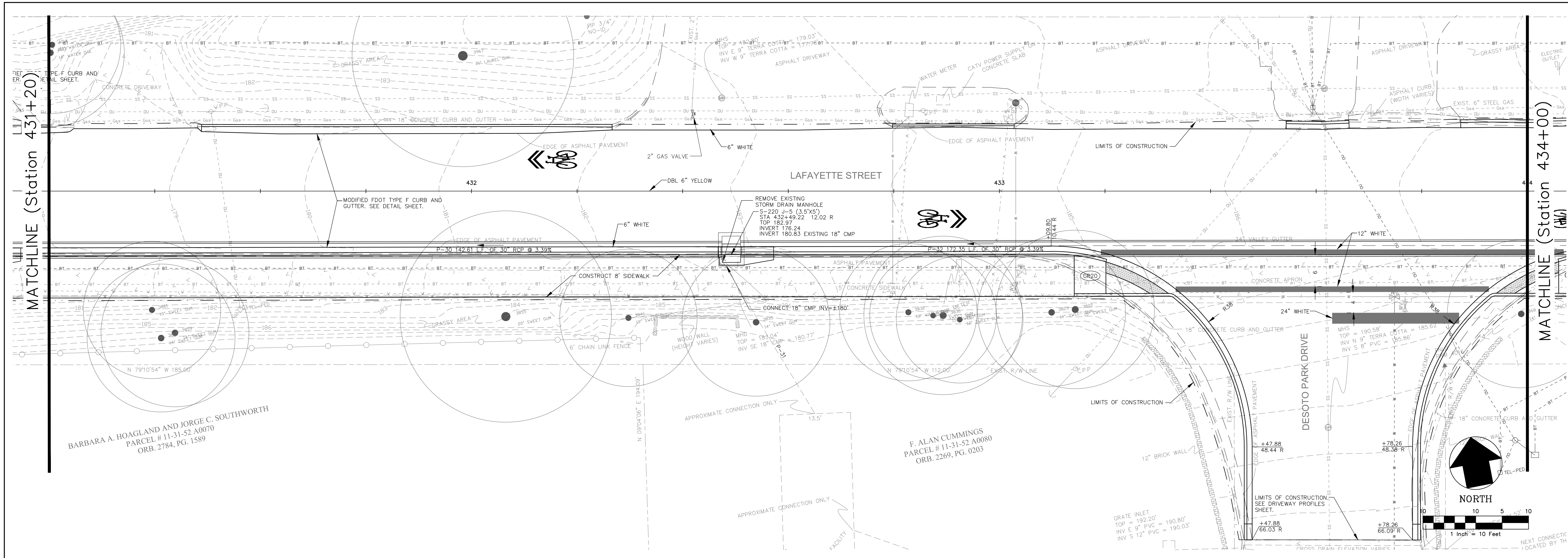
DRAINAGE PLAN AND PROFILE
LAFAYETTE STREET
STORMWATER CONVEYANCE

SHEET TITLE
 SHEET NUMBER

DESIGNED BY: **W.S.L.**
 CHECKED BY: **J.P.S.**
 PROJECT NUMBER: **LCP3-028**

DRAWN BY: **S.R.W.**
 SCALE: **1" = 10'**
 DATE: **11/19/2012**

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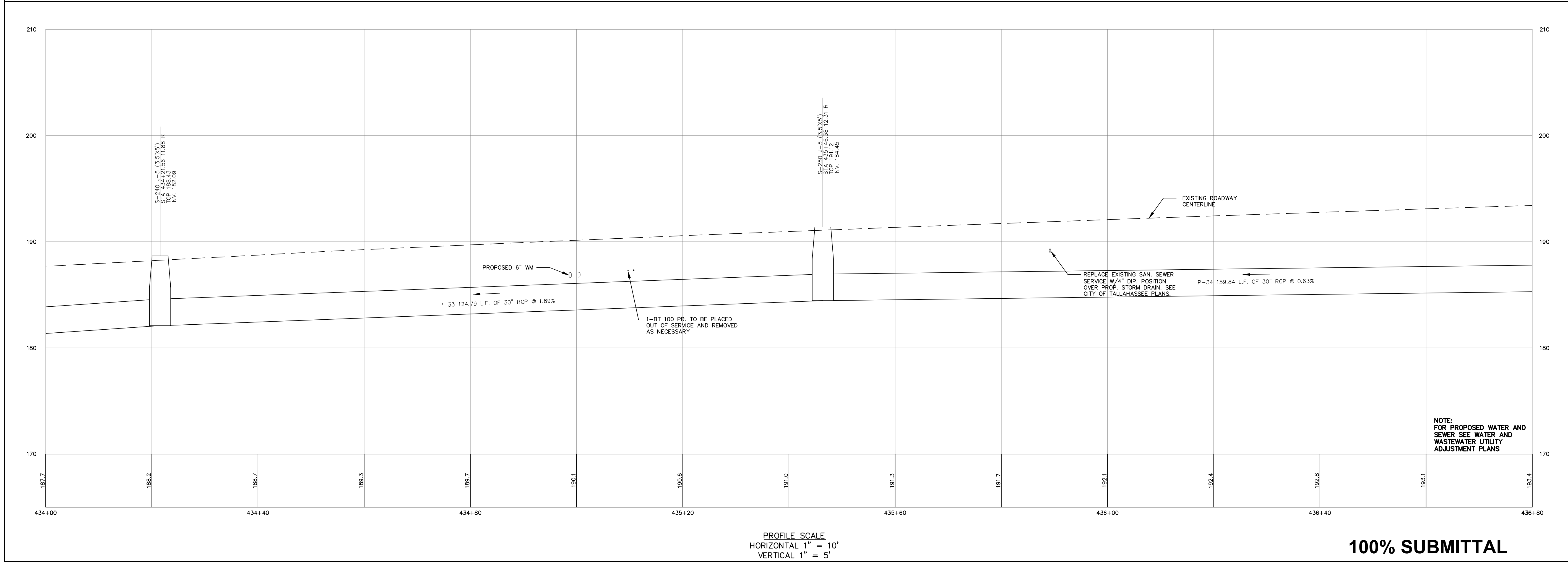
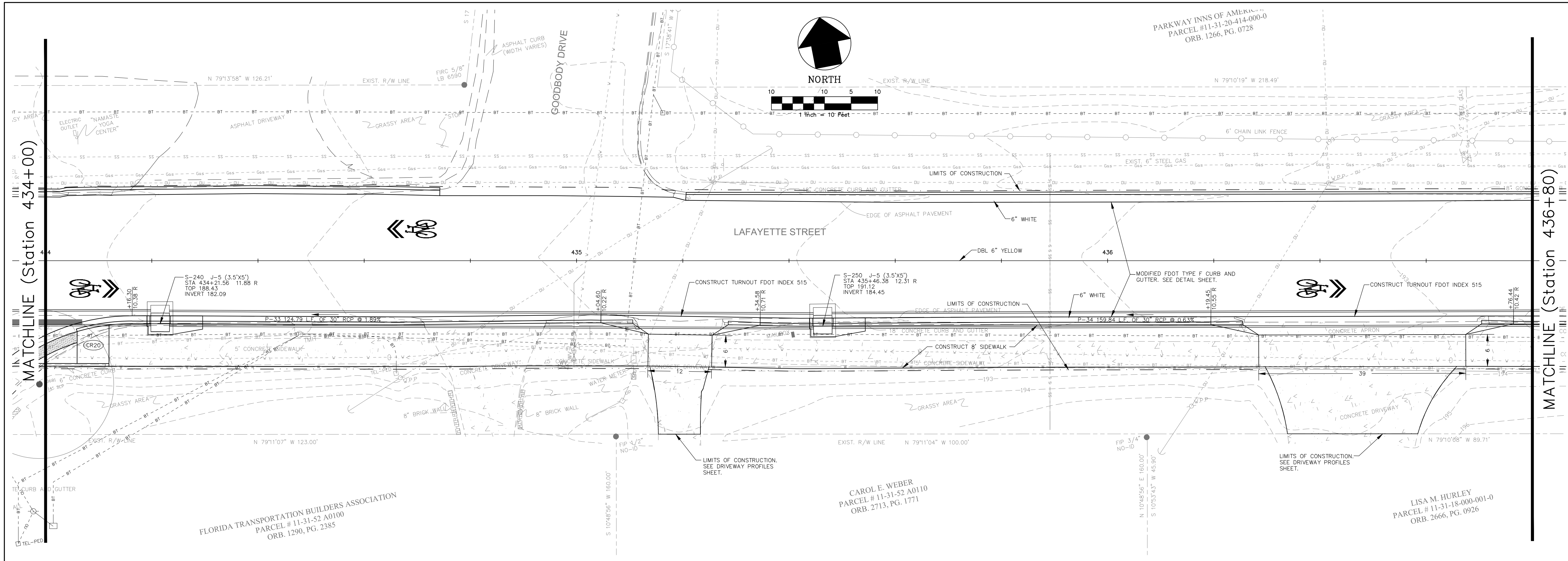
PROFILE SCALE
 HORIZONTAL 1" = 10'
 VERTICAL 1" = 5'

100% SUBMITTAL

NOTE:
 FOR PROPOSED WATER AND
 SEWER SEE WATER AND
 WASTEWATER UTILITY
 ADJUSTMENT PLANS


GENESIS GROUP GGI, LLC dba GENESIS GROUP 2507 CALLAWAY ROAD, SUITE 100 TALLAHASSEE, FLORIDA 32303 (850) 224-4400 (850) 681-5600 FAX FROM VISION TO REALITY FL, CA 00009660 FL, IL, CA 26000202		PUBLIC WORKS DEPARTMENT STREETS AND DRAINAGE	
SHEET TITLE DRAINAGE PLAN AND PROFILE		SHEET NUMBER 12	
PROJECT NAME LAFAYETTE STREET STORMWATER CONVEYANCE		DESIGNED BY: W.S.L. CHECKED BY: J.P.S. PROJECT NUMBER: LCP3-028	
SCALE 1 inch = 10 Feet		DRAWN BY: S.R.W. SCALE: 1" = 10' DATE: 11/19/2012	
REVISIONS			

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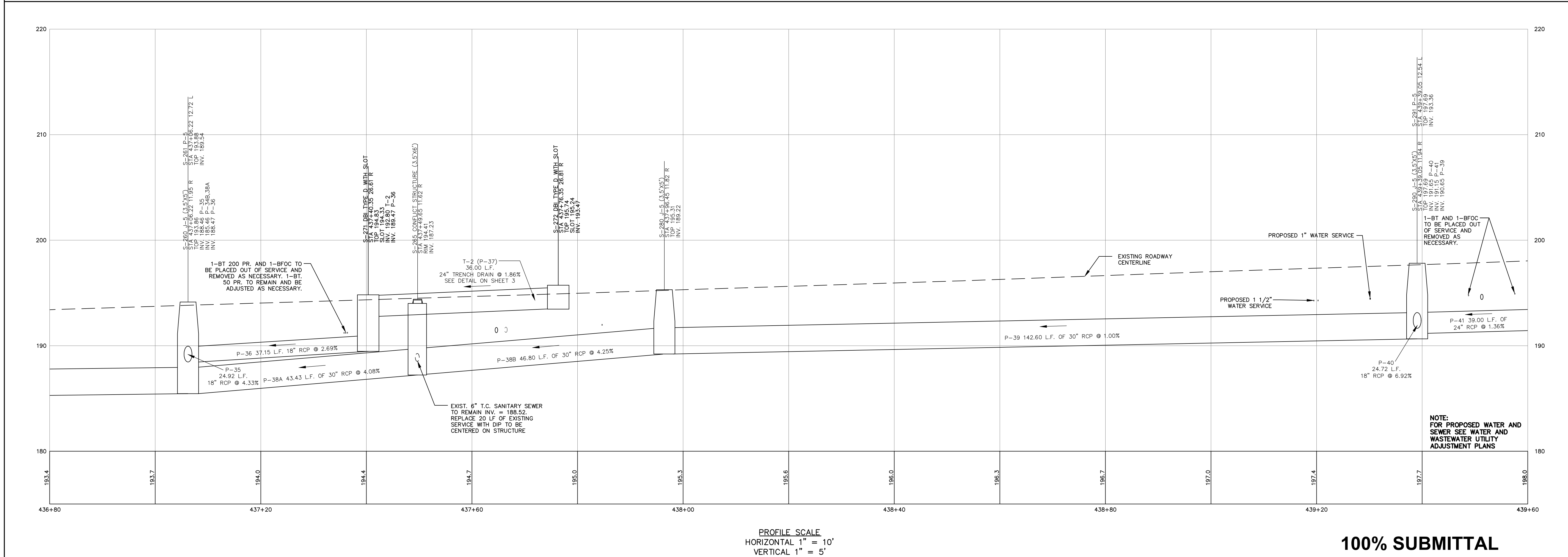
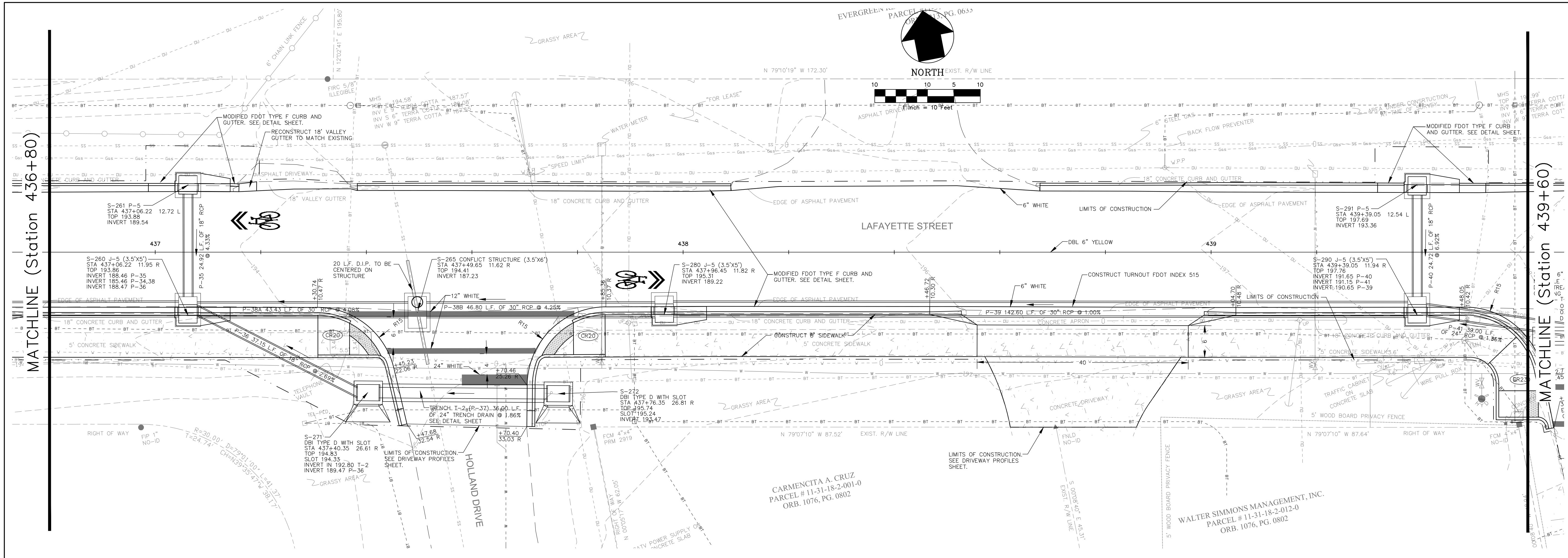


PROFILE SCALE
 HORIZONTAL 1" = 10'
 VERTICAL 1" = 5'

100% SUBMITTAL

NO.		DATE	DESCRIPTION	REVISIONS
DESIGNED BY: W.S.L.				
CHECKED BY: J.P.S.				
PROJECT NUMBER: LCP3-028				
DRAWN BY: S.R.W.				
SCALE: 1" = 10'				
DATE: 11/19/2012				
GENESIS GROUP GGI, LLC dba GENESIS GROUP 2507 CALLAWAY ROAD, SUITE 100 TALLAHASSEE, FLORIDA 32303 (850) 224-4400 (850) 681-3600 FAX FROM VISION TO REALITY FL.LB.0006660 FL.LC.26000202				
PUBLIC WORKS DEPARTMENT STREETS AND DRAINAGE				
PREPARED FOR:  LISA M. HURLEY PARCEL # 11-31-18-000-001-0 ORB. 2666, PG. 0926				
SEAL JAMES P. SULLIVAN, P.E. License Number: 42991				
SHEET TITLE		SHEET NUMBER		
DRAINAGE PLAN AND PROFILE LAFAYETTE STREET STORMWATER CONVEYANCE		13		

November 21, 2012 (15:41:36 EST)
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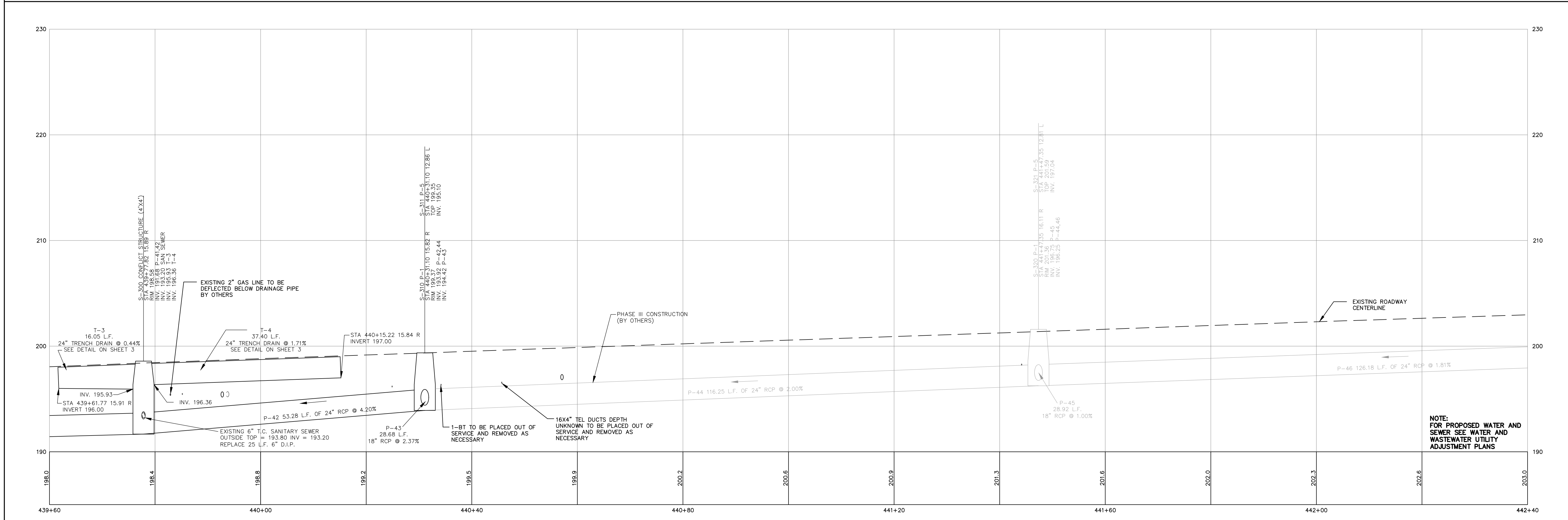
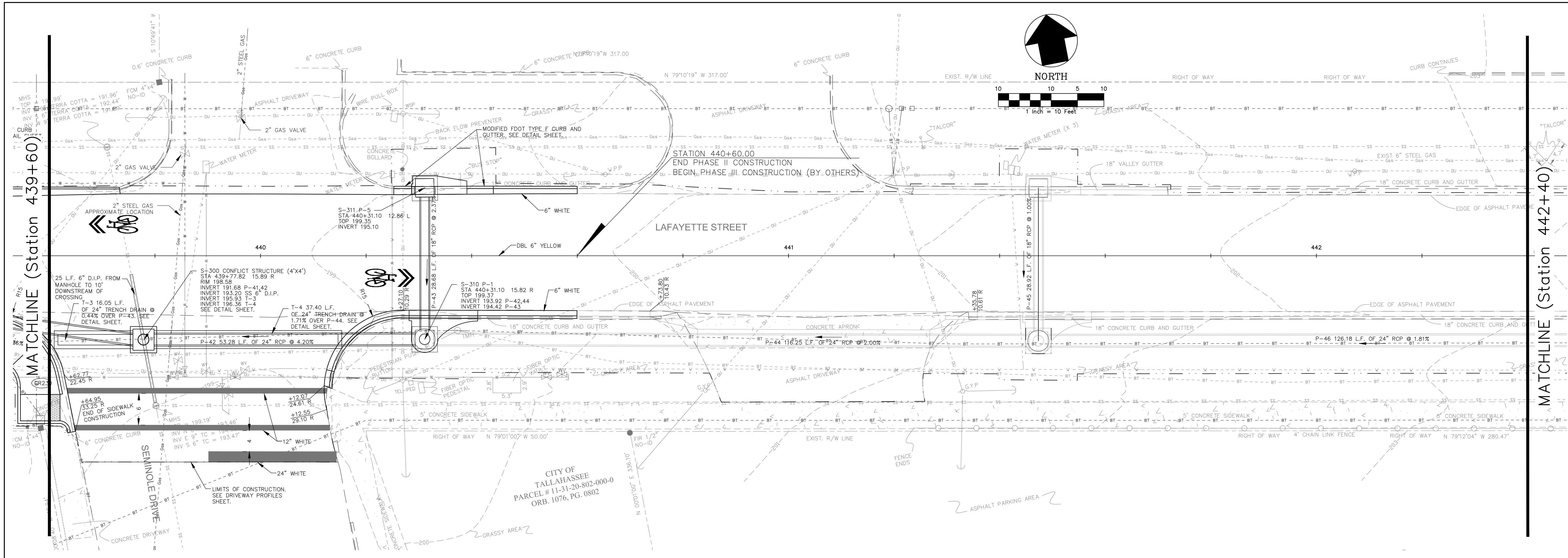


PROFILE SCALE
 HORIZONTAL 1" = 10'
 VERTICAL 1" = 5'

100% SUBMITTAL

SHEET TITLE DRAINAGE PLAN AND PROFILE	SHEET NUMBER 14	DESIGNED BY W.S.L.	CHECKED BY J.P.S.	PROJECT NUMBER LCP3-028	DATE 11/19/2012
PROJECT NAME LAFAYETTE STREET STORMWATER CONVEYANCE		GENESIS GROUP 2507 CALLAWAY ROAD, SUITE 100 TALLAHASSEE, FLORIDA 32303 (850) 224-4400 (850) 681-5600 FAX FROM VISION TO REALITY FL, CA 00009660 FL, LB 0006816 FL, LC 26000202			
PUBLIC WORKS DEPARTMENT STREETS AND DRAINAGE		EVERGREEN PARCEL # 1076.PG.0633 CARMENCITA A. CRUZ PARCEL # 11-31-18-2-001-0 ORB. 1076.PG.0802 WALTER SIMMONS MANAGEMENT, INC. PARCEL # 11-31-18-2-012-0 ORB. 1076.PG.0802			

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PROFILE SCALE
 HORIZONTAL 1" = 10'
 VERTICAL 1" = 5'

100% SUBMITTAL

REVISIONS	
NO.	DESCRIPTION
DESIGNED BY:	W.S.L.
CHECKED BY:	J.P.S.
DRAWN BY:	S.R.W.
PROJECT NUMBER:	LCP3-028
DATE:	11/19/2012
SCALE:	1" = 10'

GENESIS GROUP
 GGI, LLC dba GENESIS GROUP
 2507 CALLAWAY ROAD, SUITE 100
 TALLAHASSEE, FLORIDA 32303
 (850) 224-4400 (850) 681-5600 FAX
 FROM VISION TO REALITY FL, CA 00009660 FL, LC 0006816 FL, LC 26000202

PUBLIC WORKS DEPARTMENT
STREETS AND DRAINAGE

PREPARED FOR

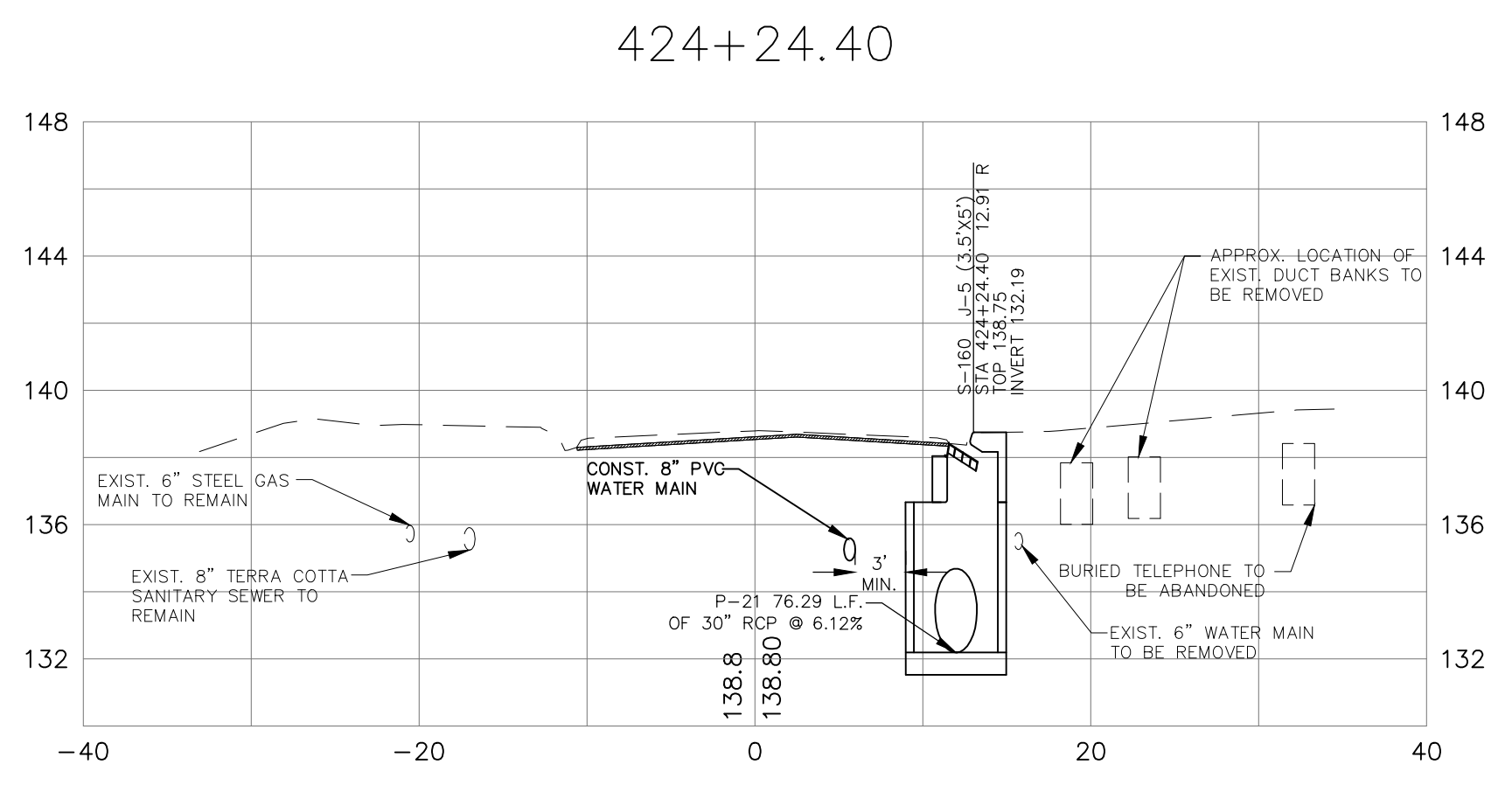
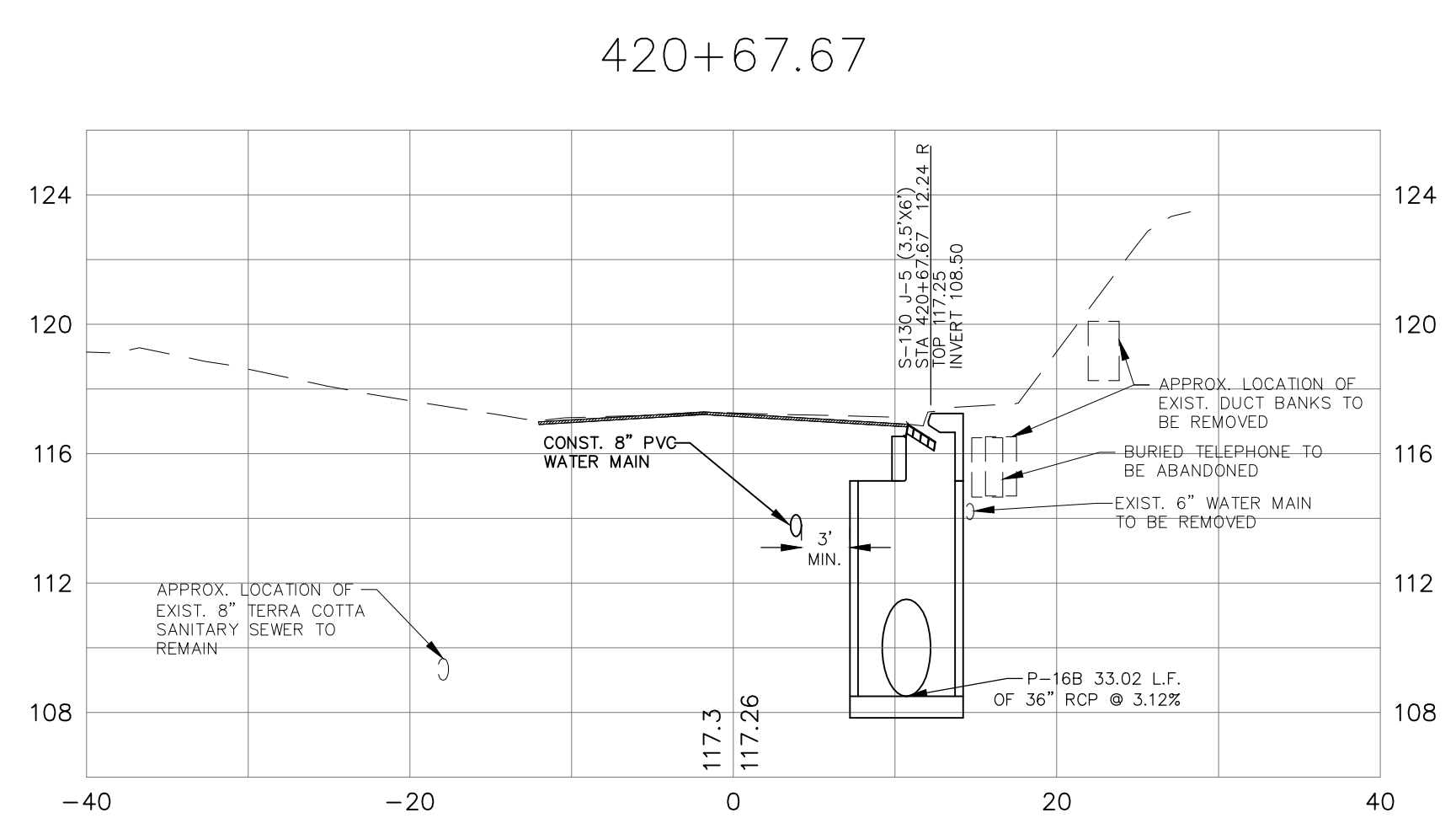
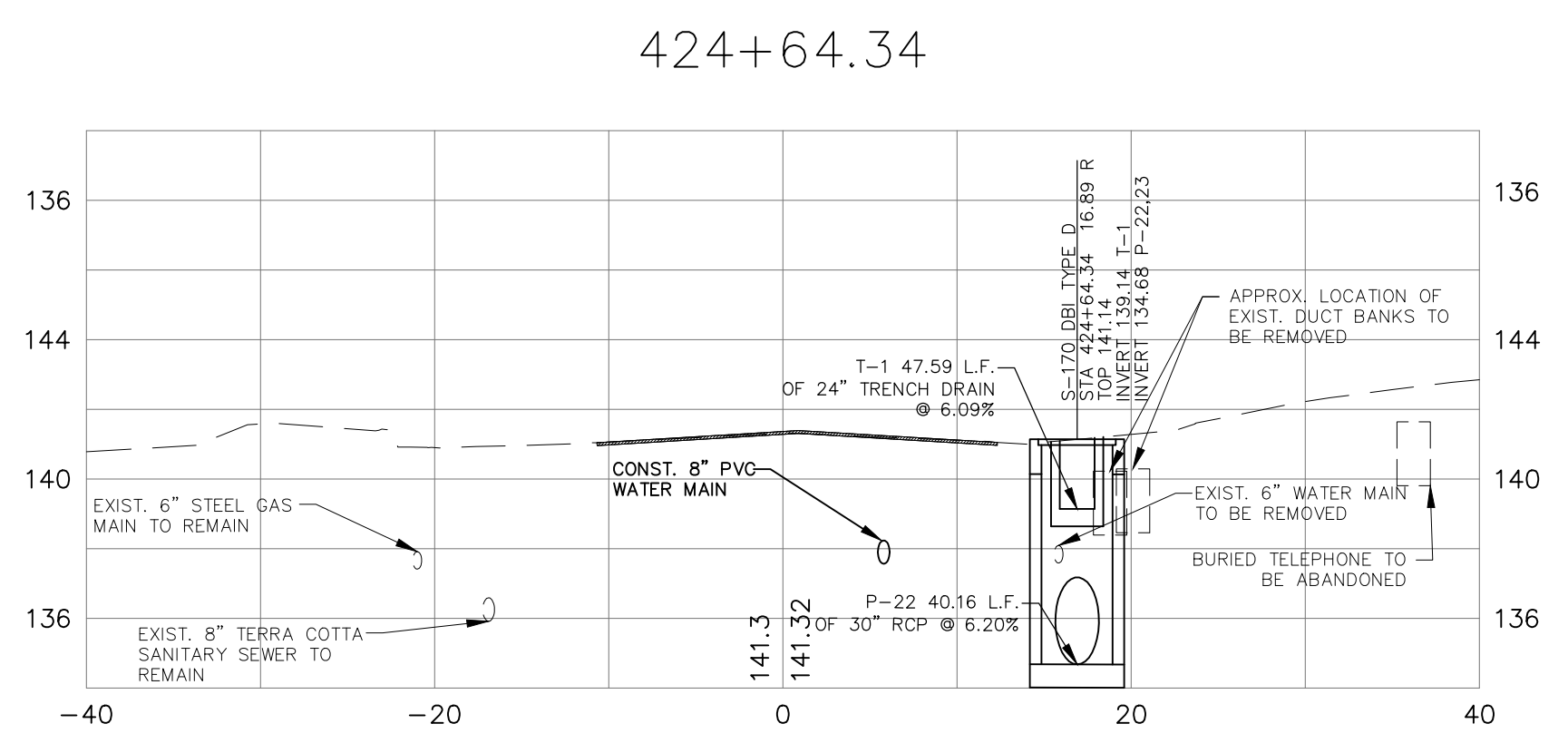
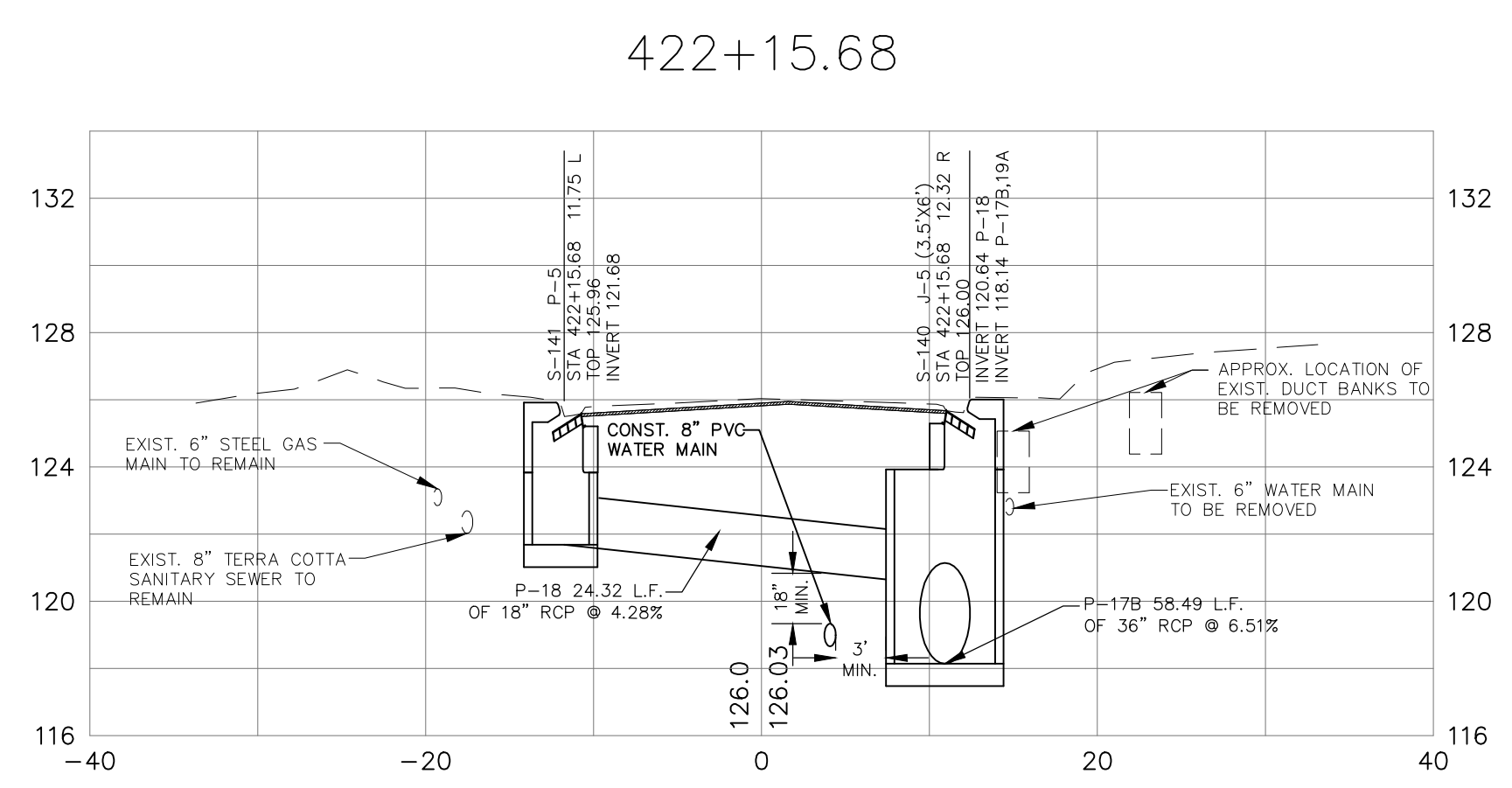
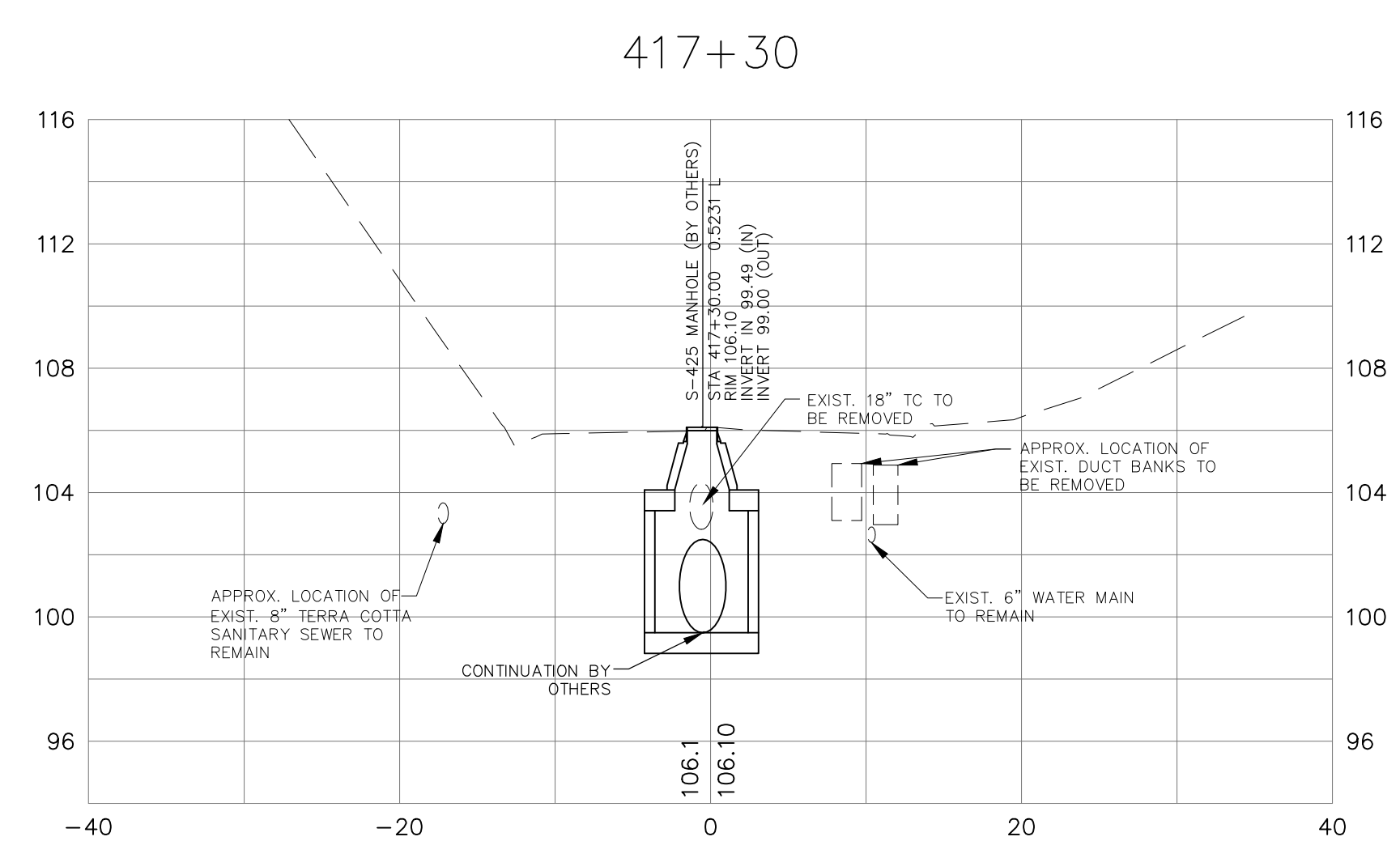
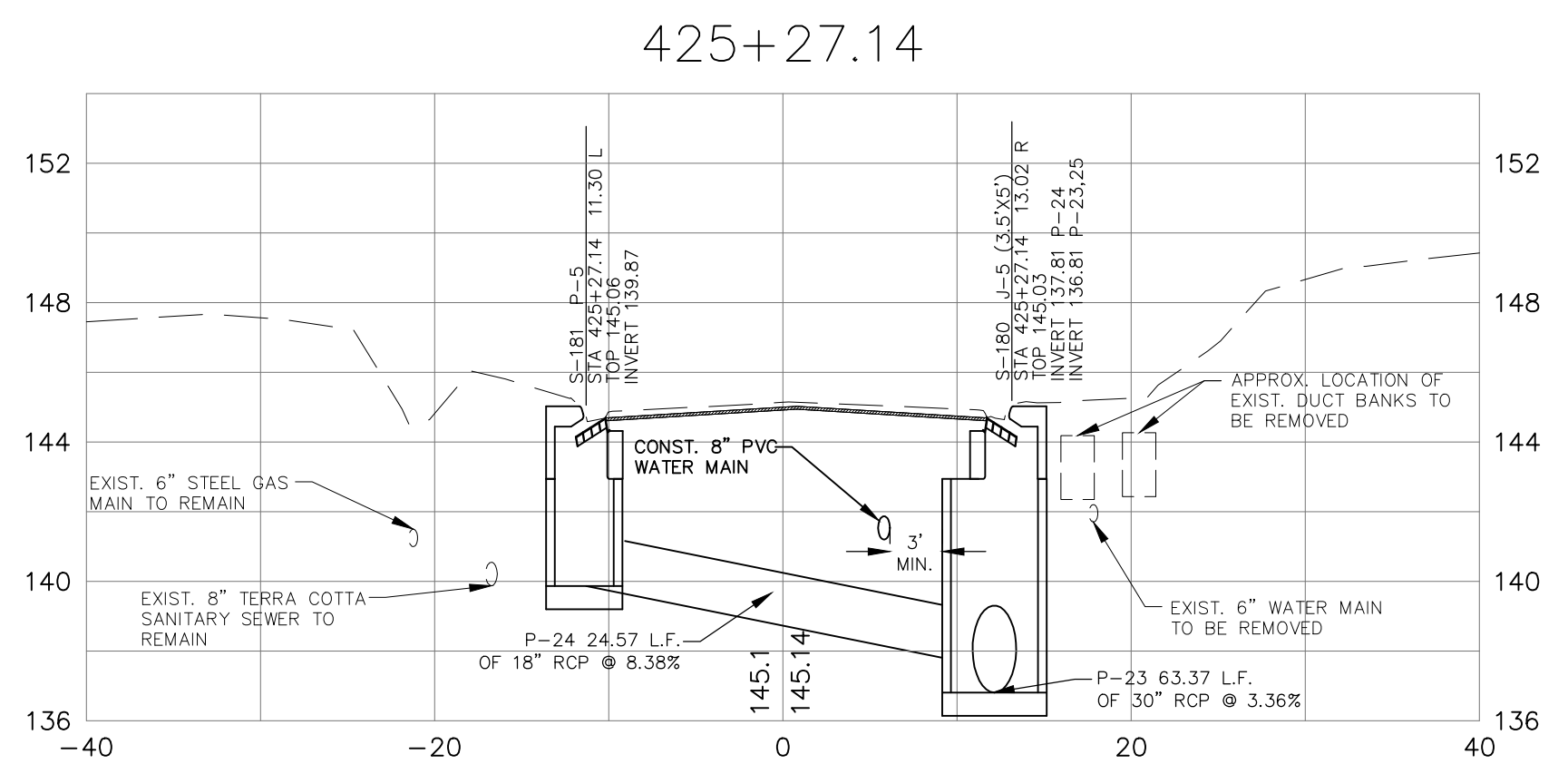
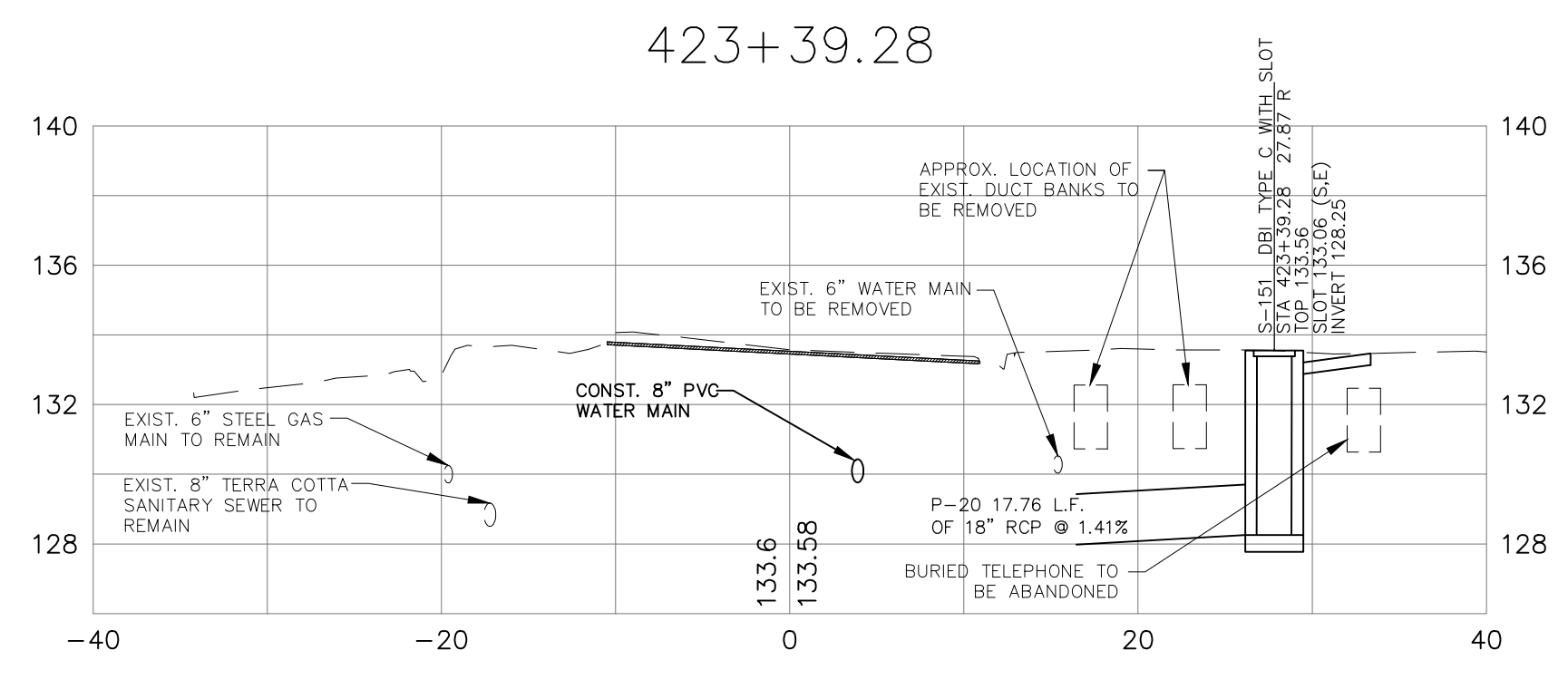
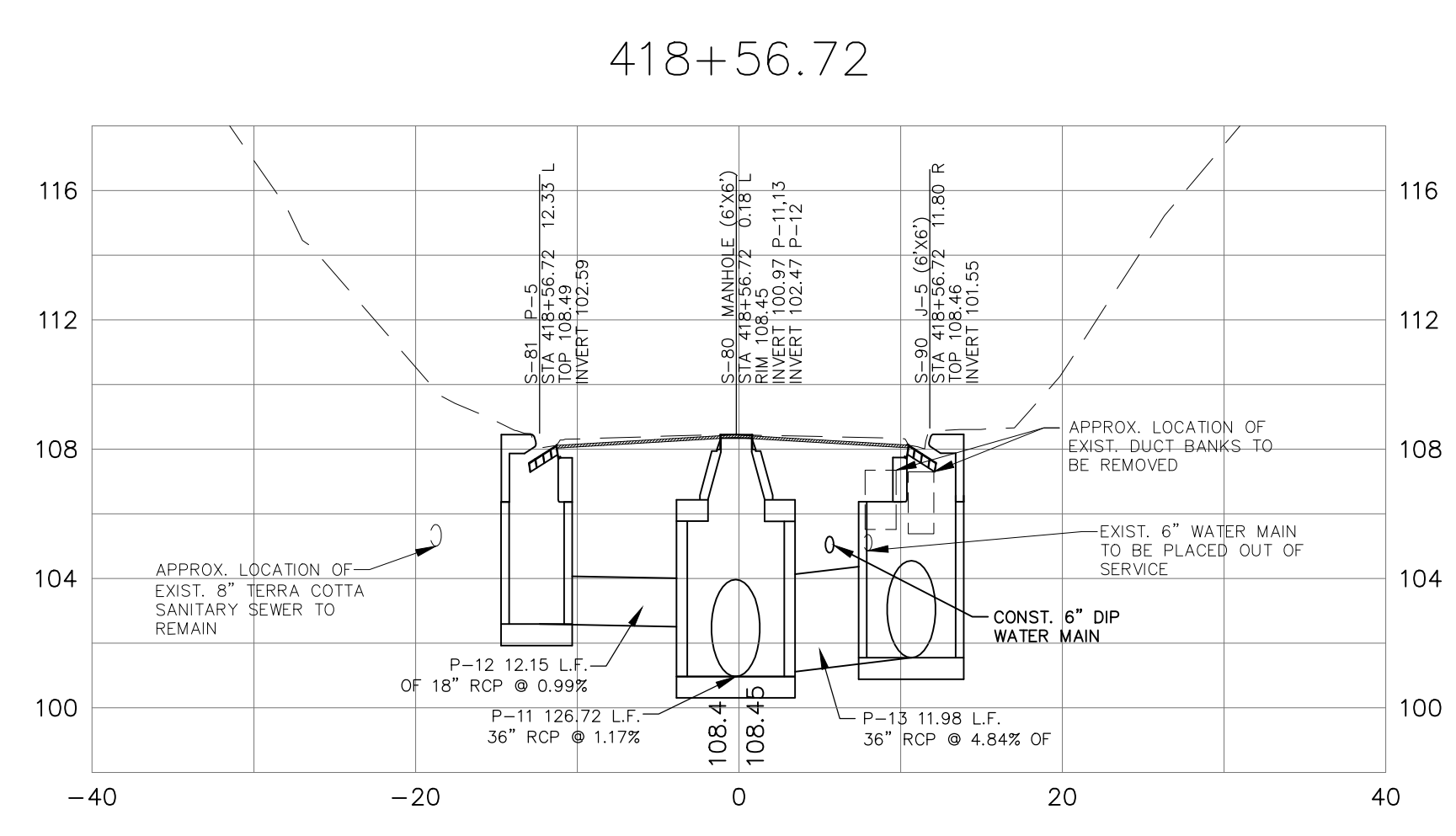
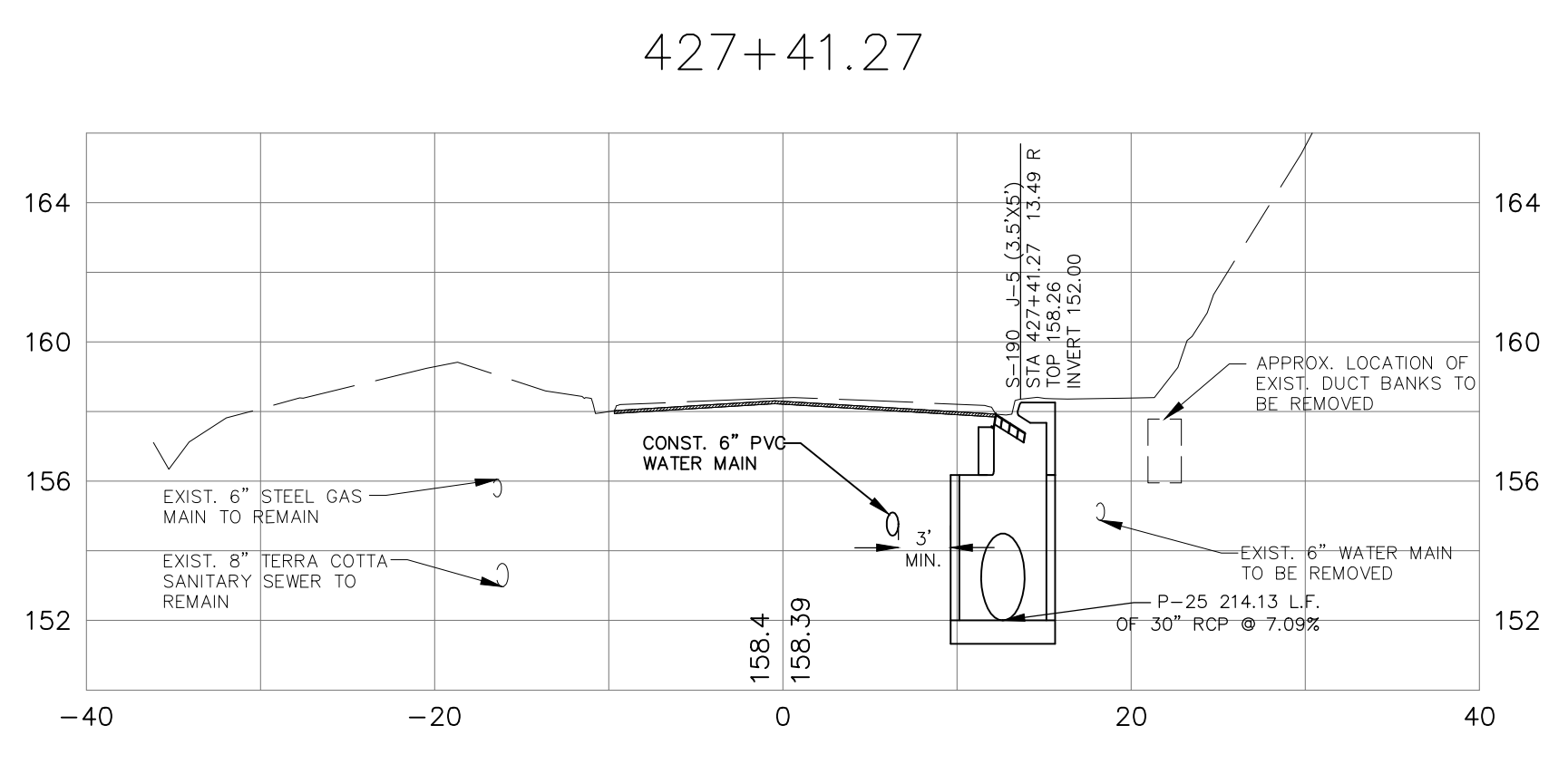
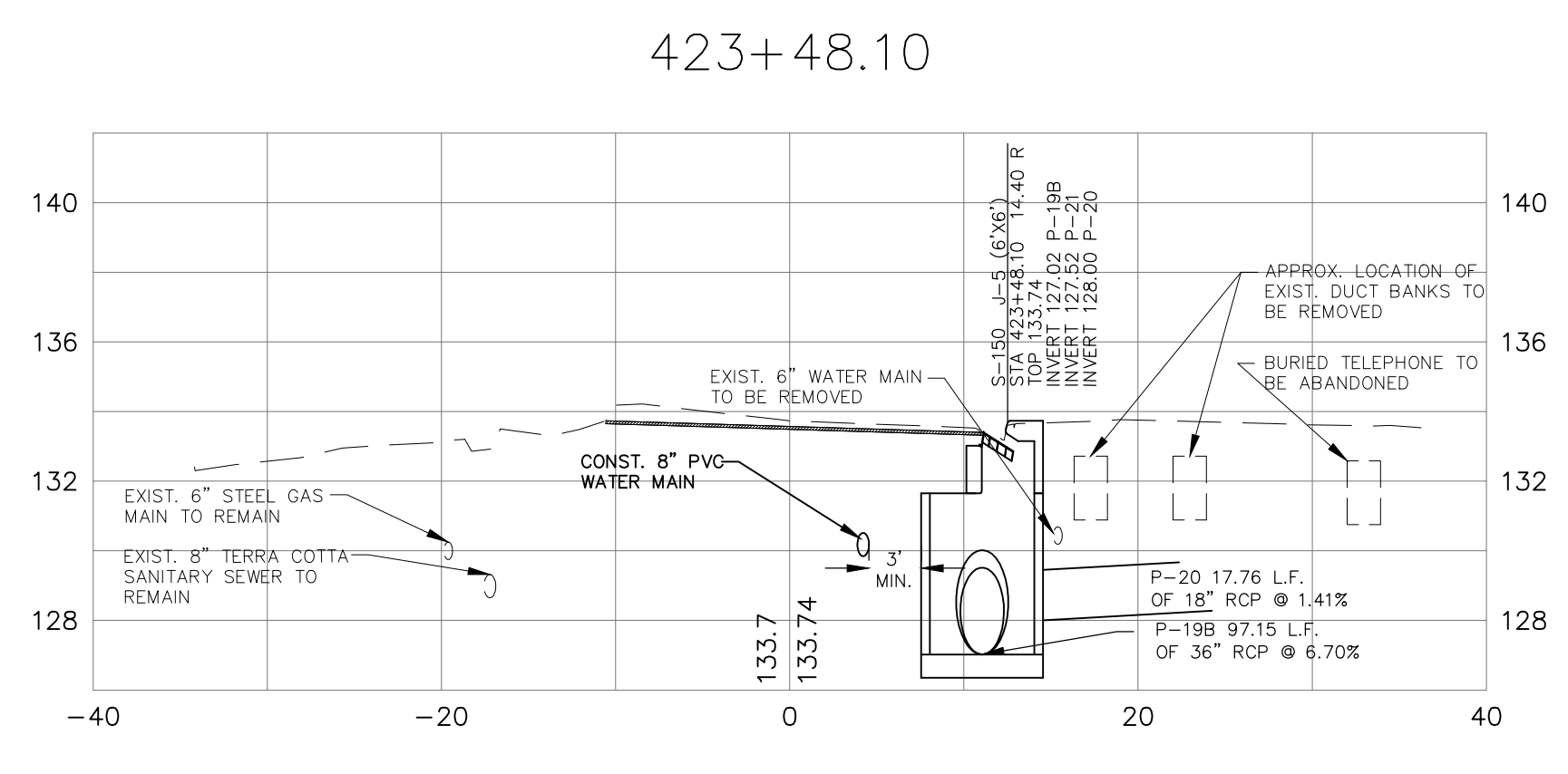
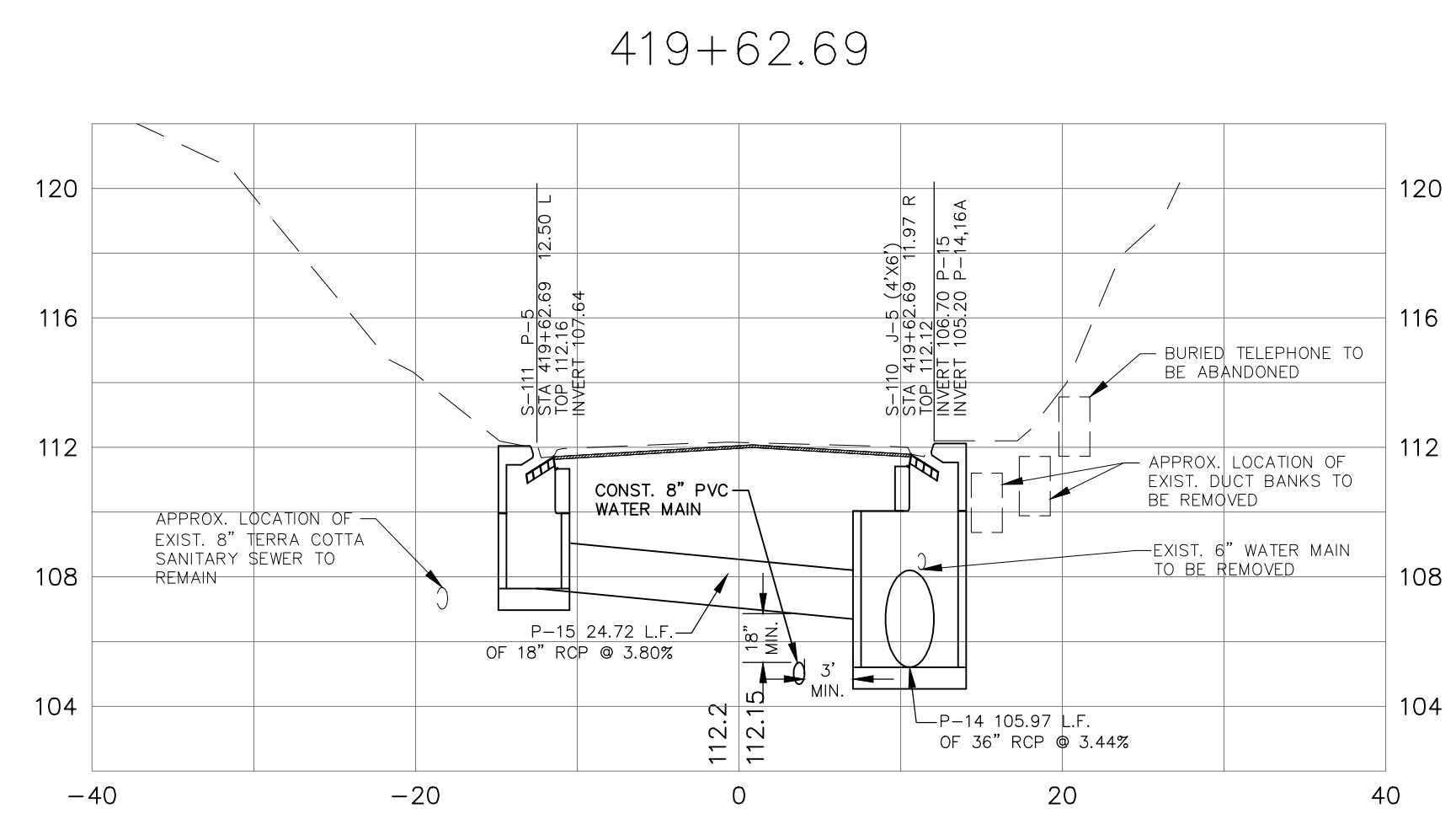
SEAL
 James P. Sullivan, P.E.
 License Number: 42991

DRAINAGE PLAN AND PROFILE
LAFAYETTE STREET
STORMWATER CONVEYANCE

SHEET TITLE
 SHEET NUMBER

PROJECT NUMBER
15

November 21, 2012 (16:59:57 EST)
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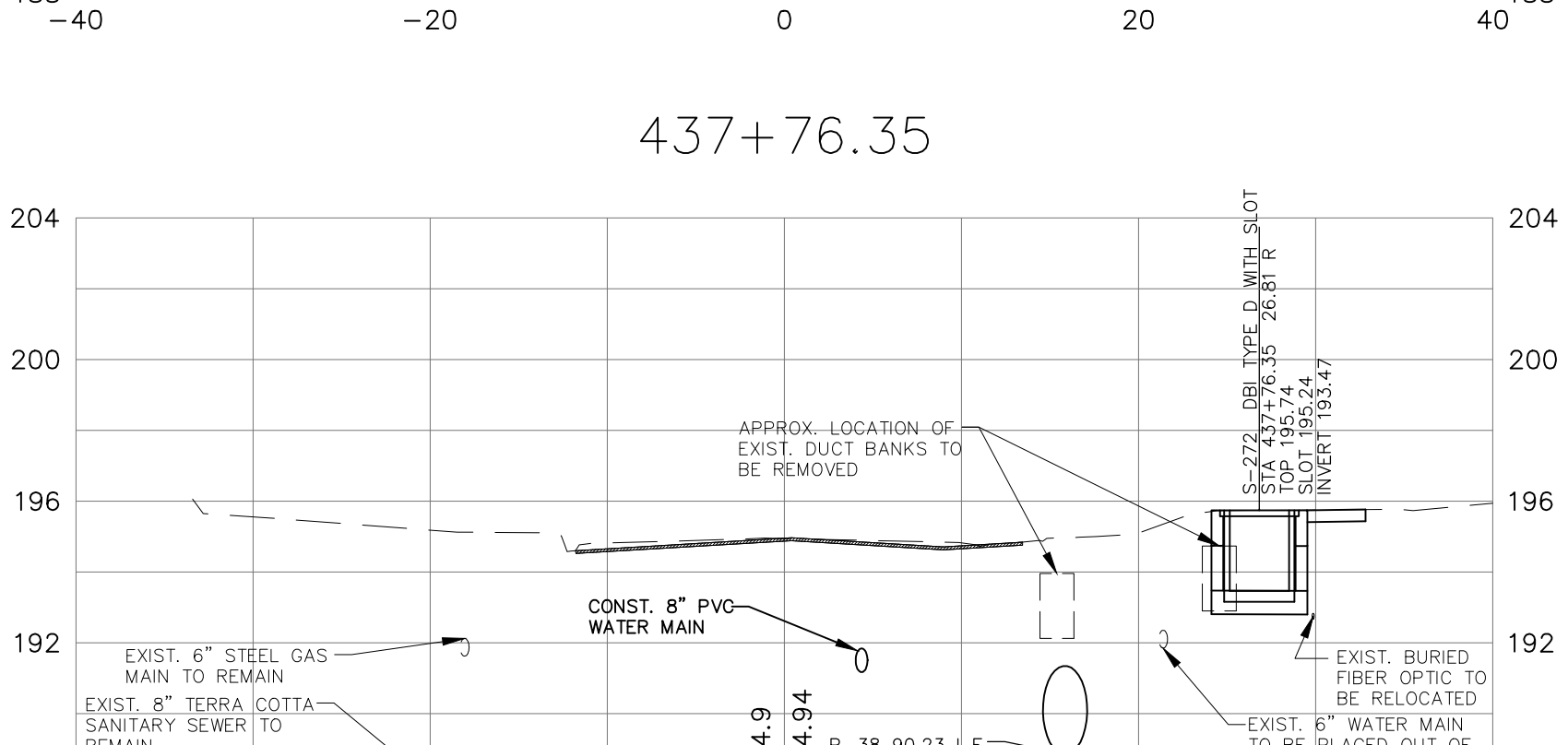
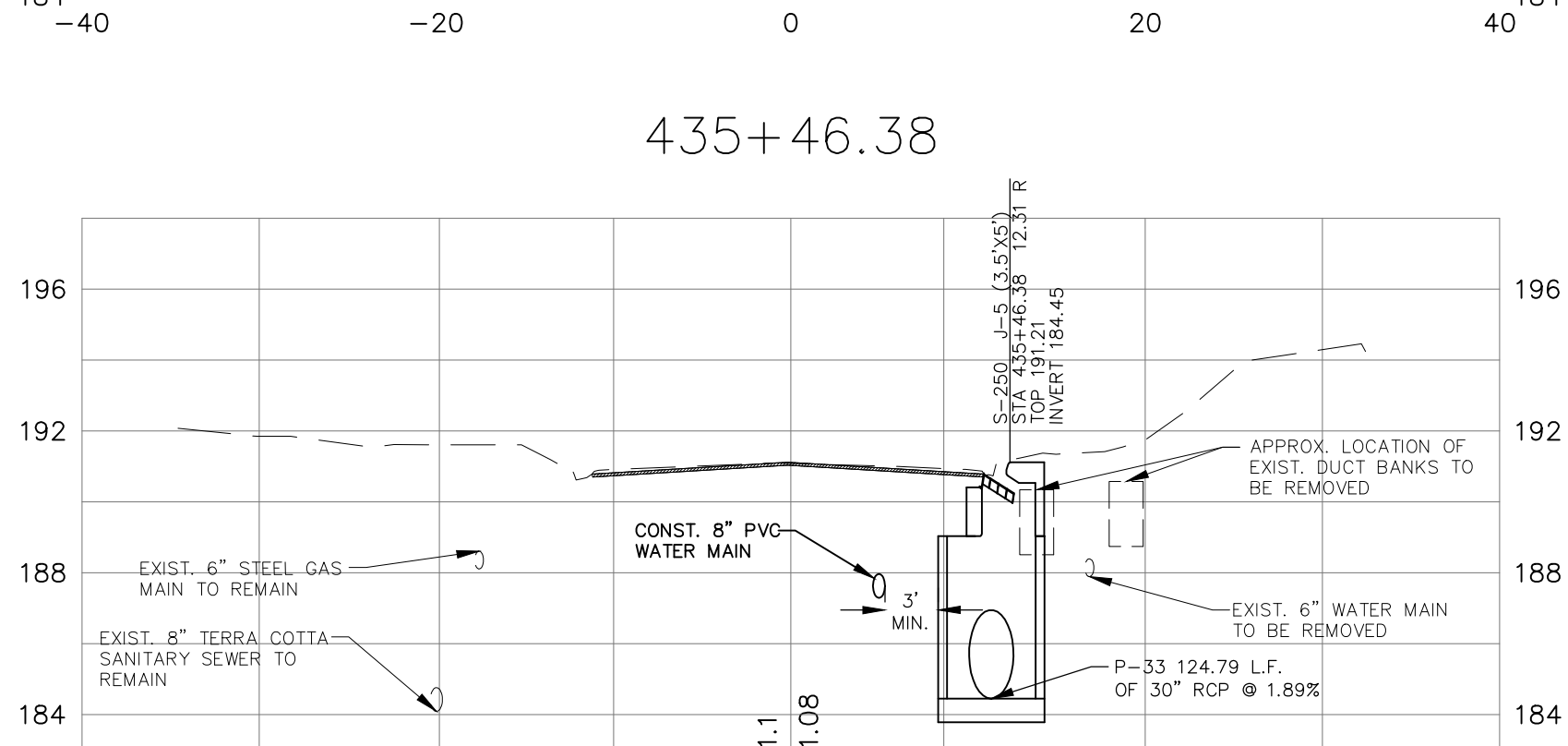
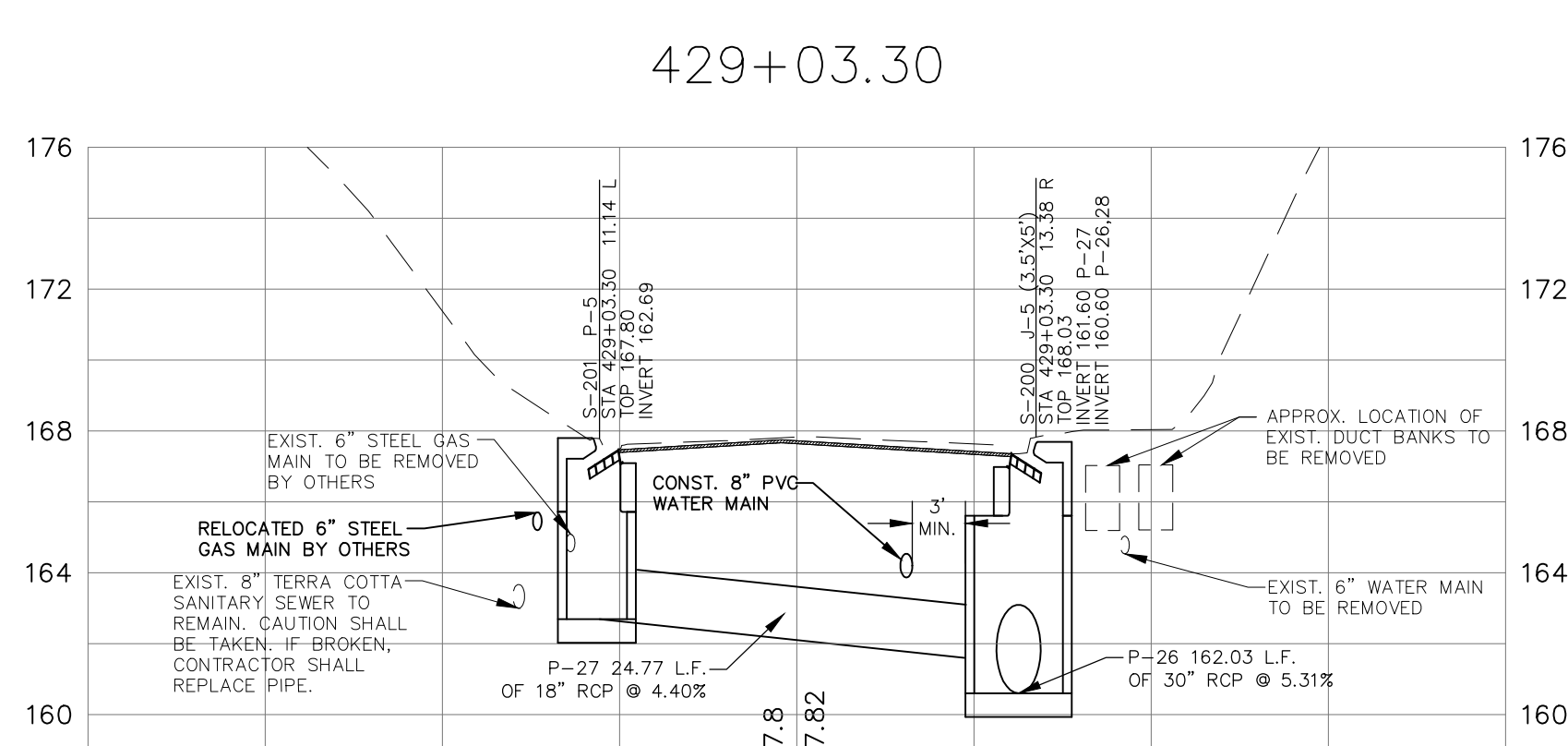
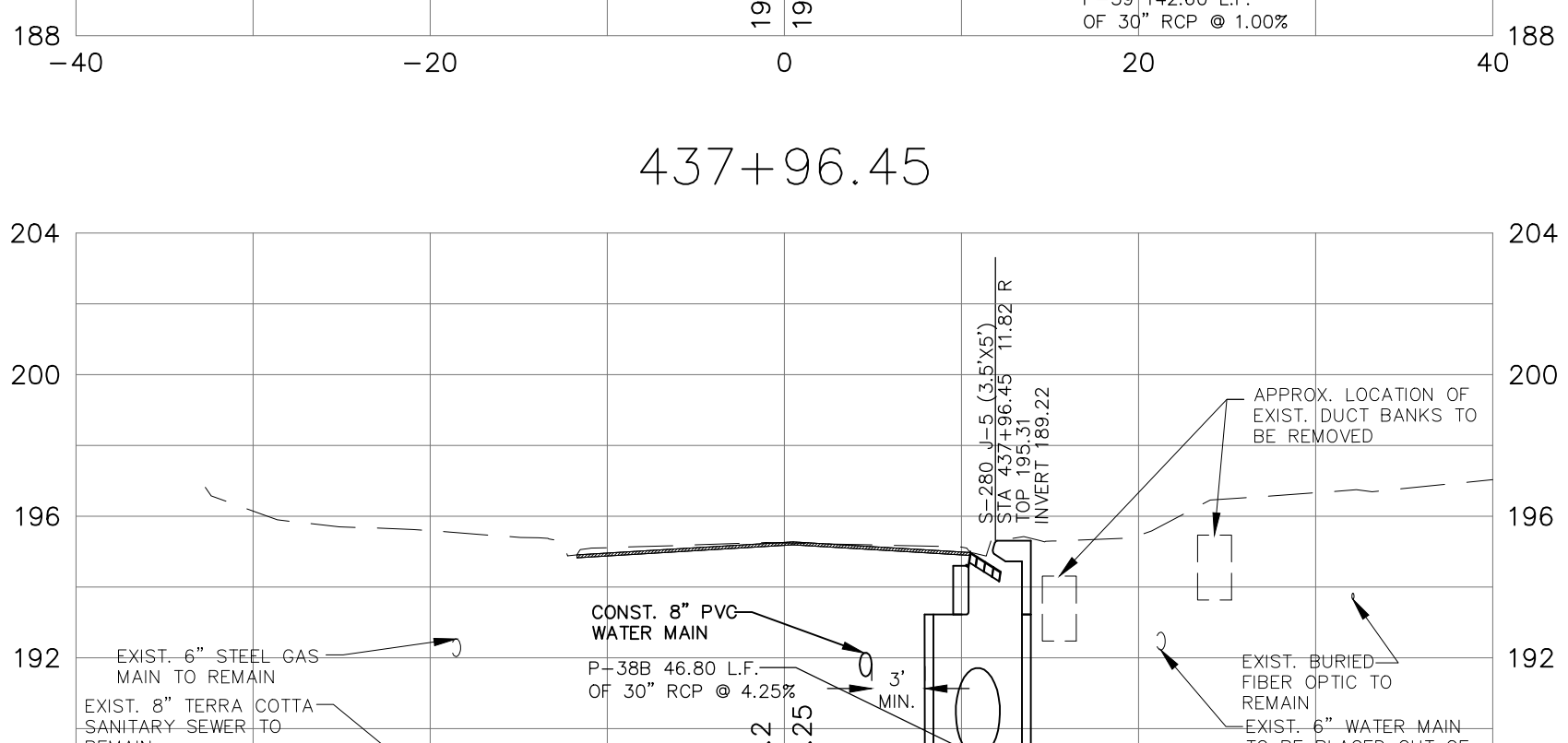
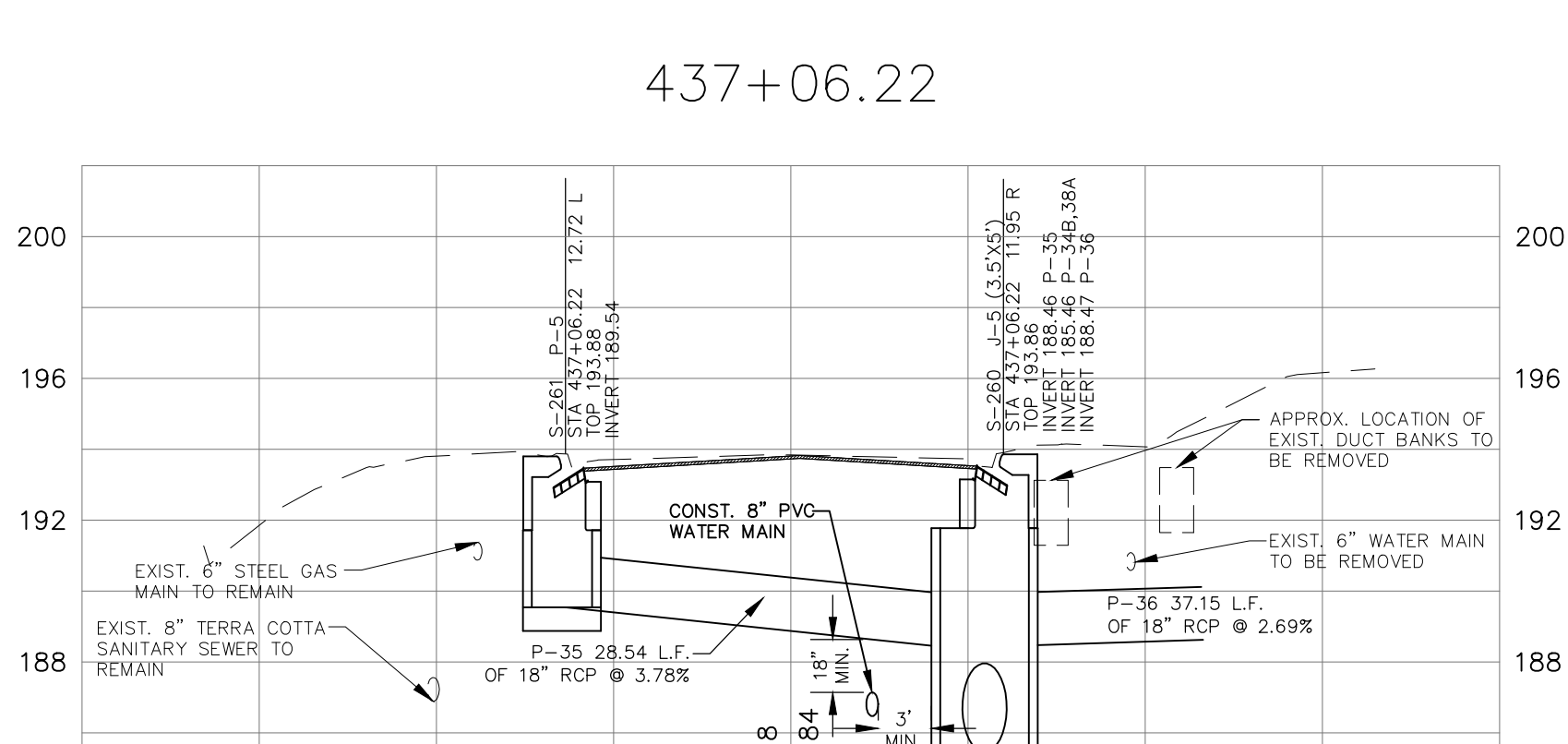
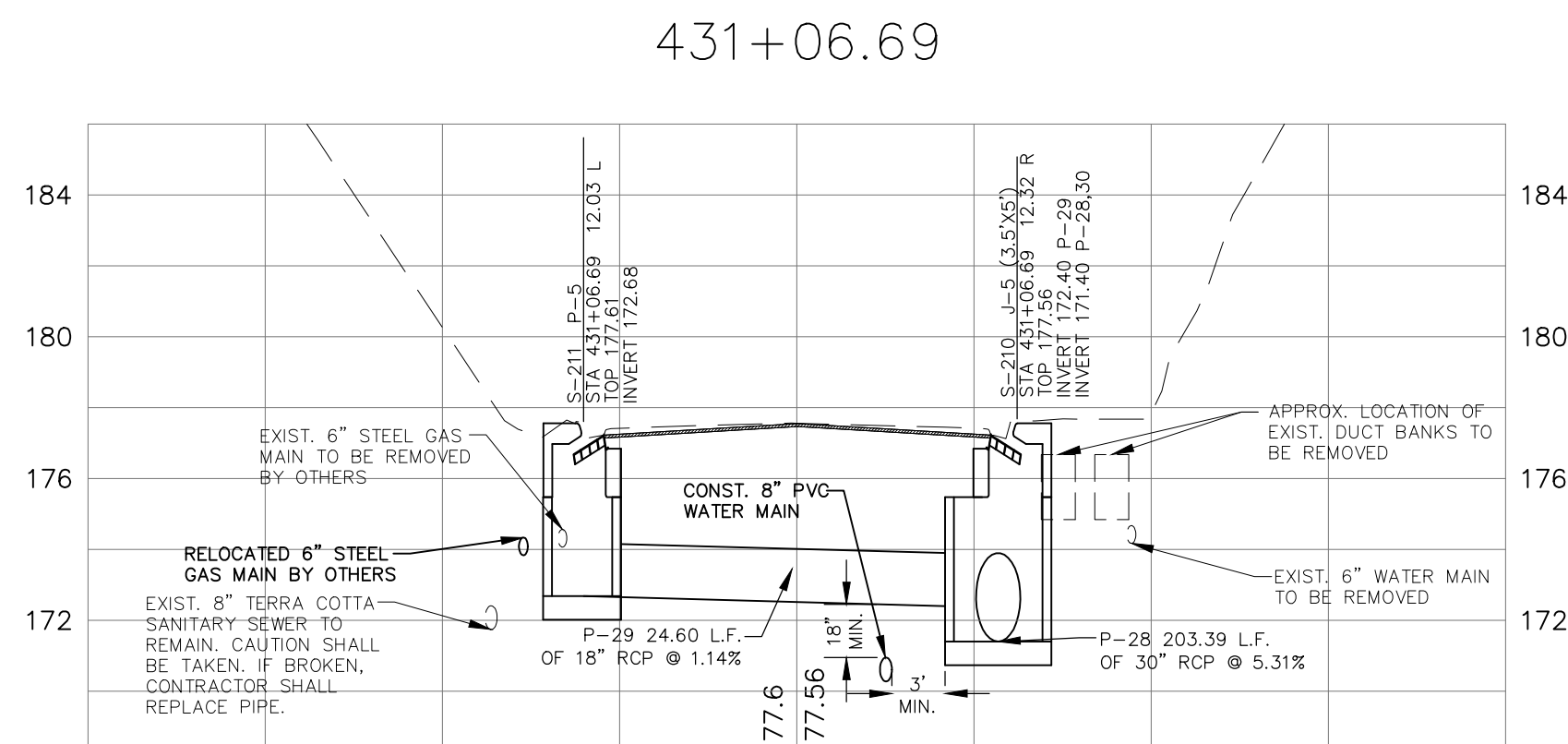
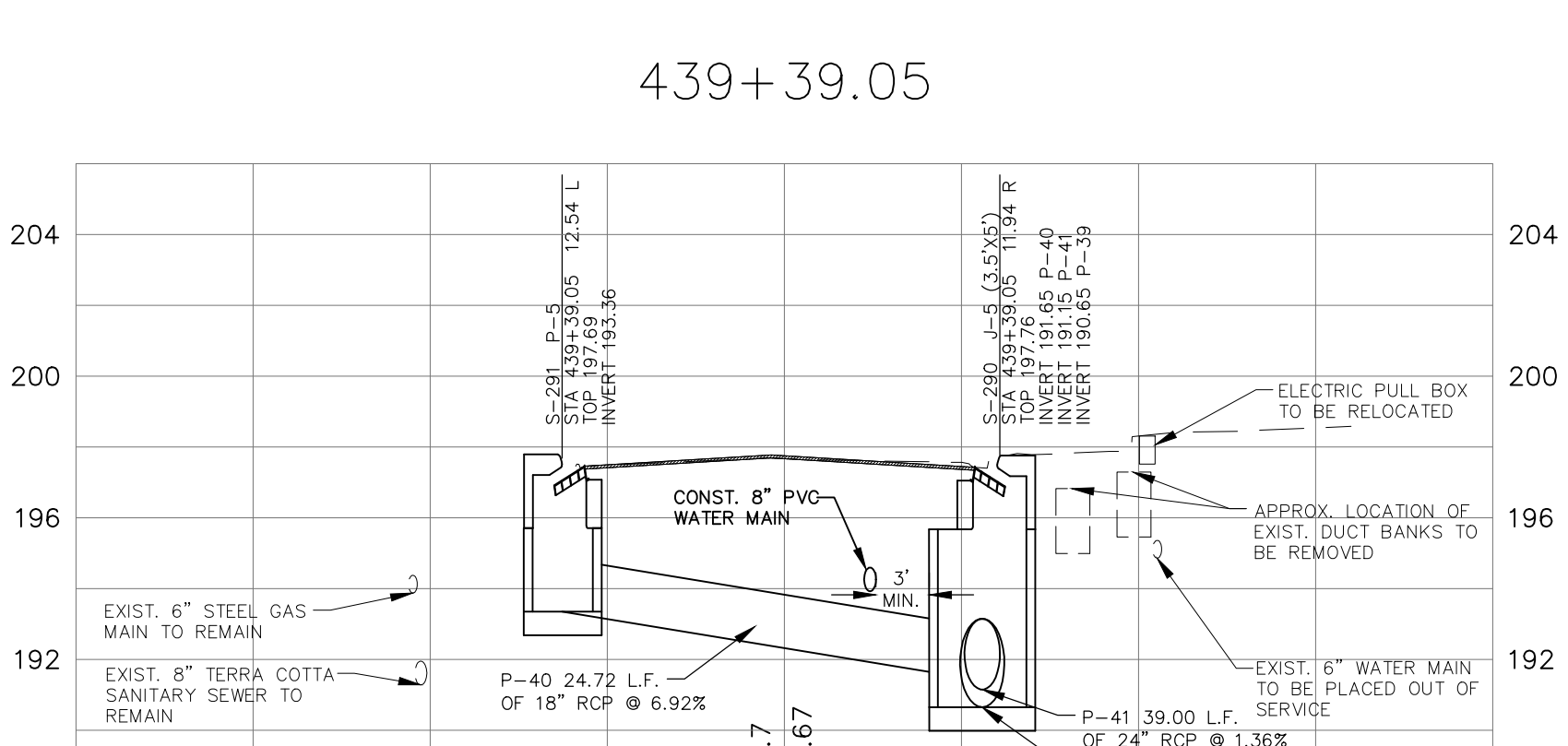
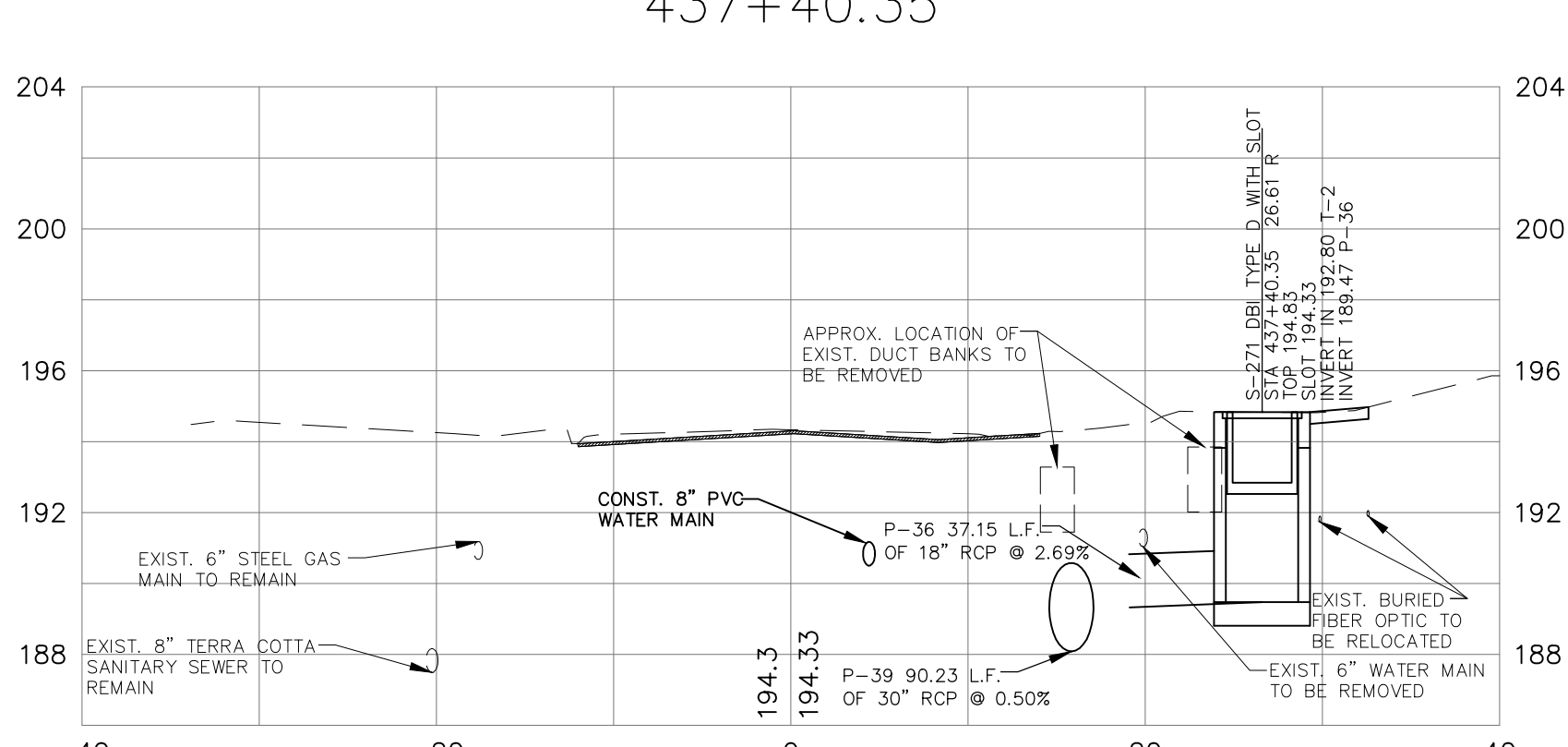
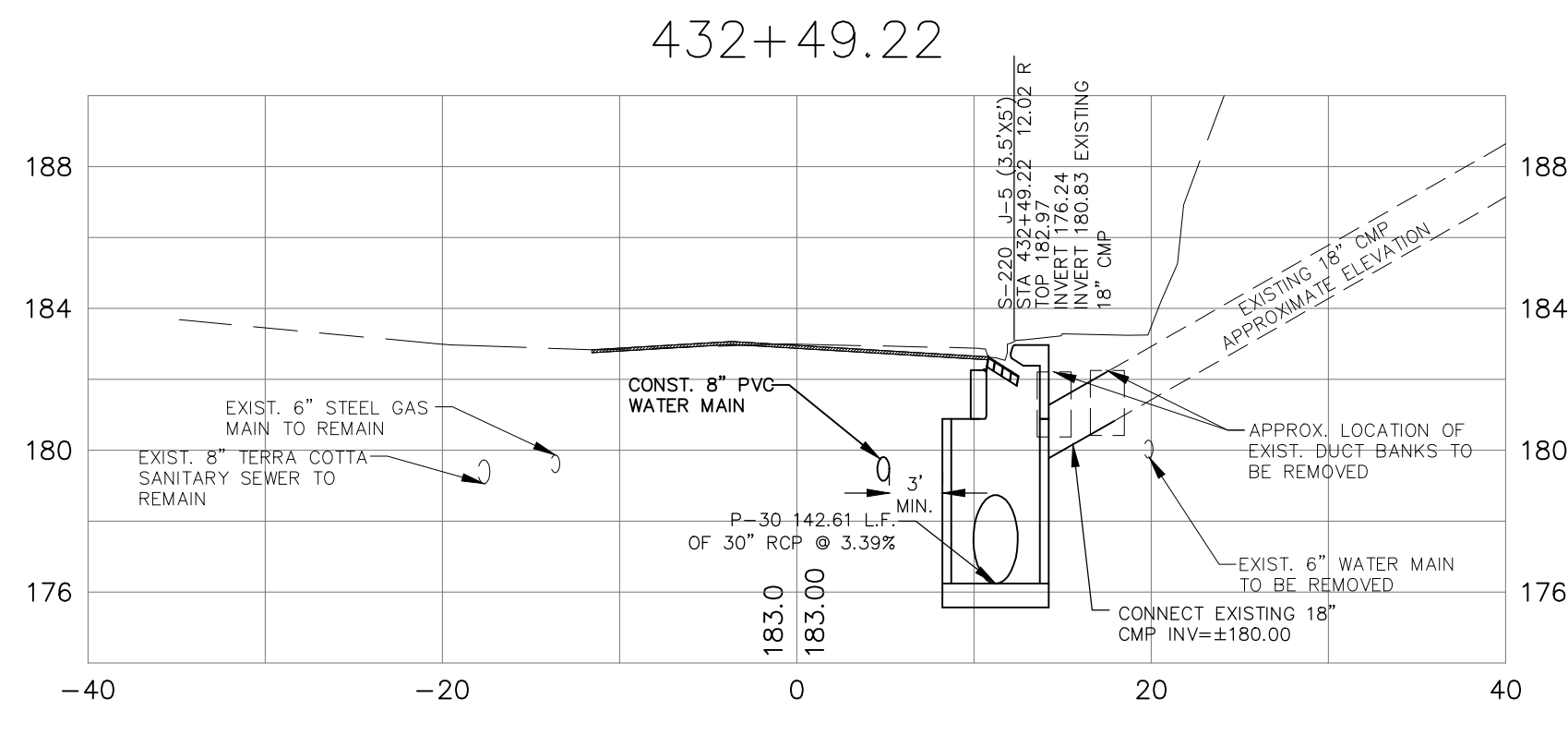
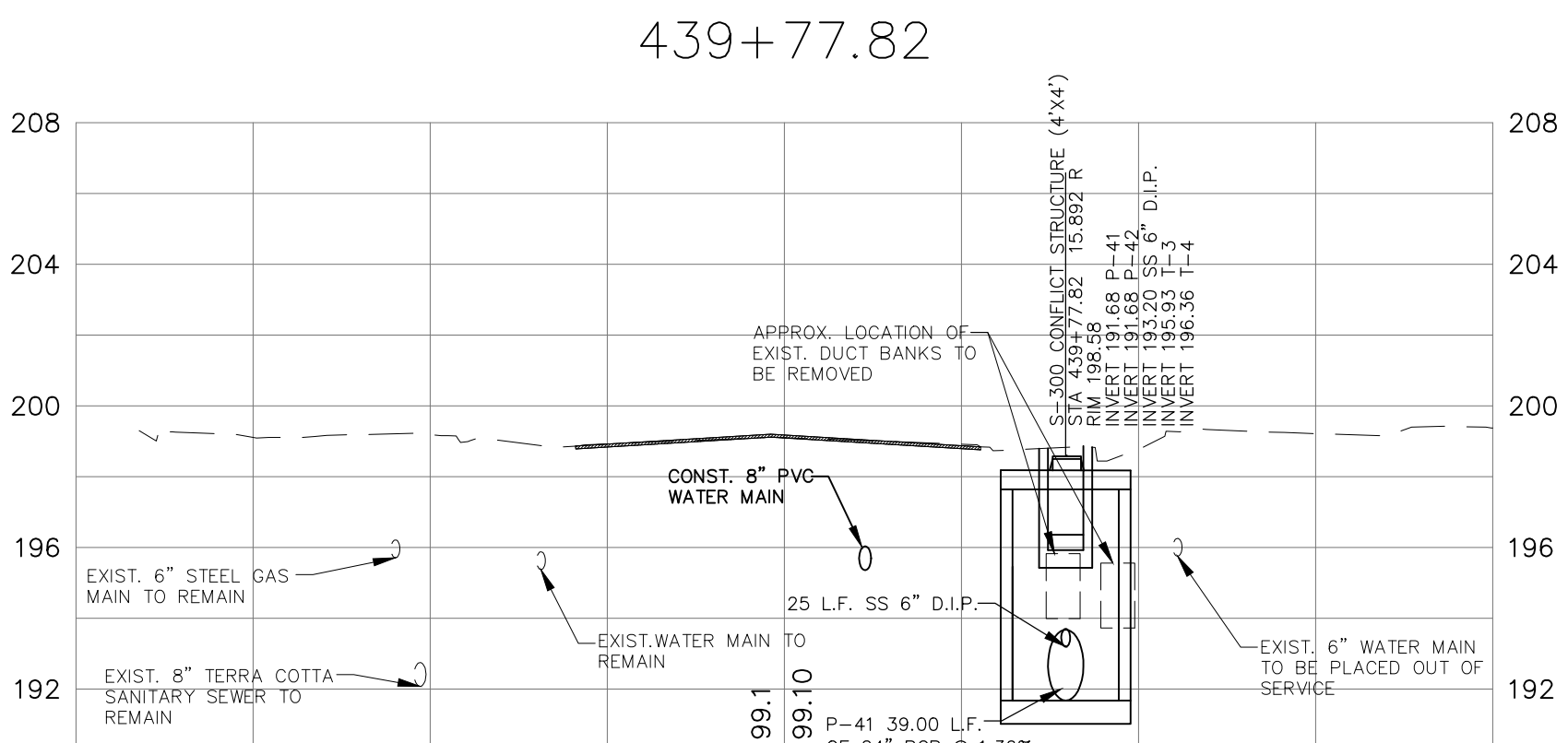
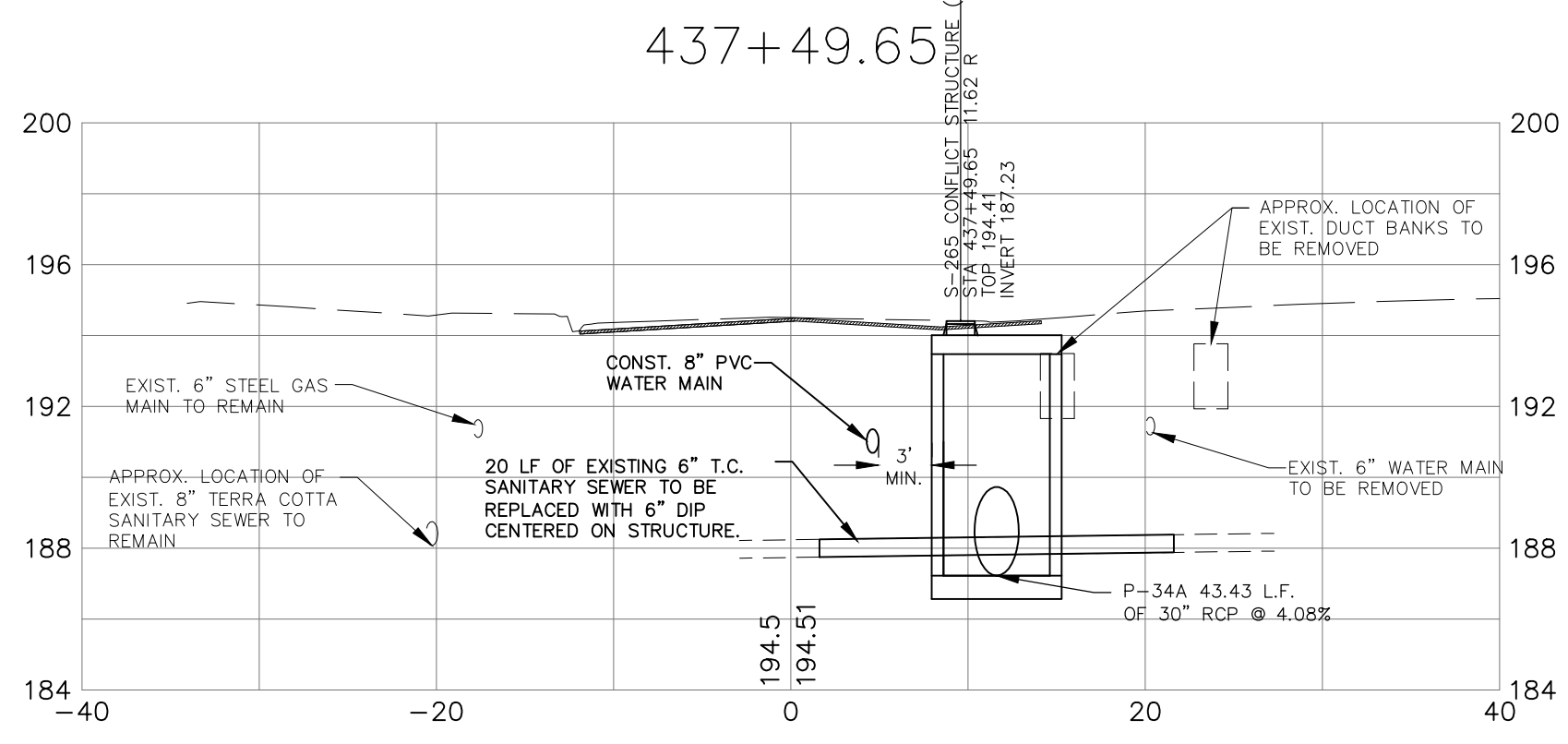
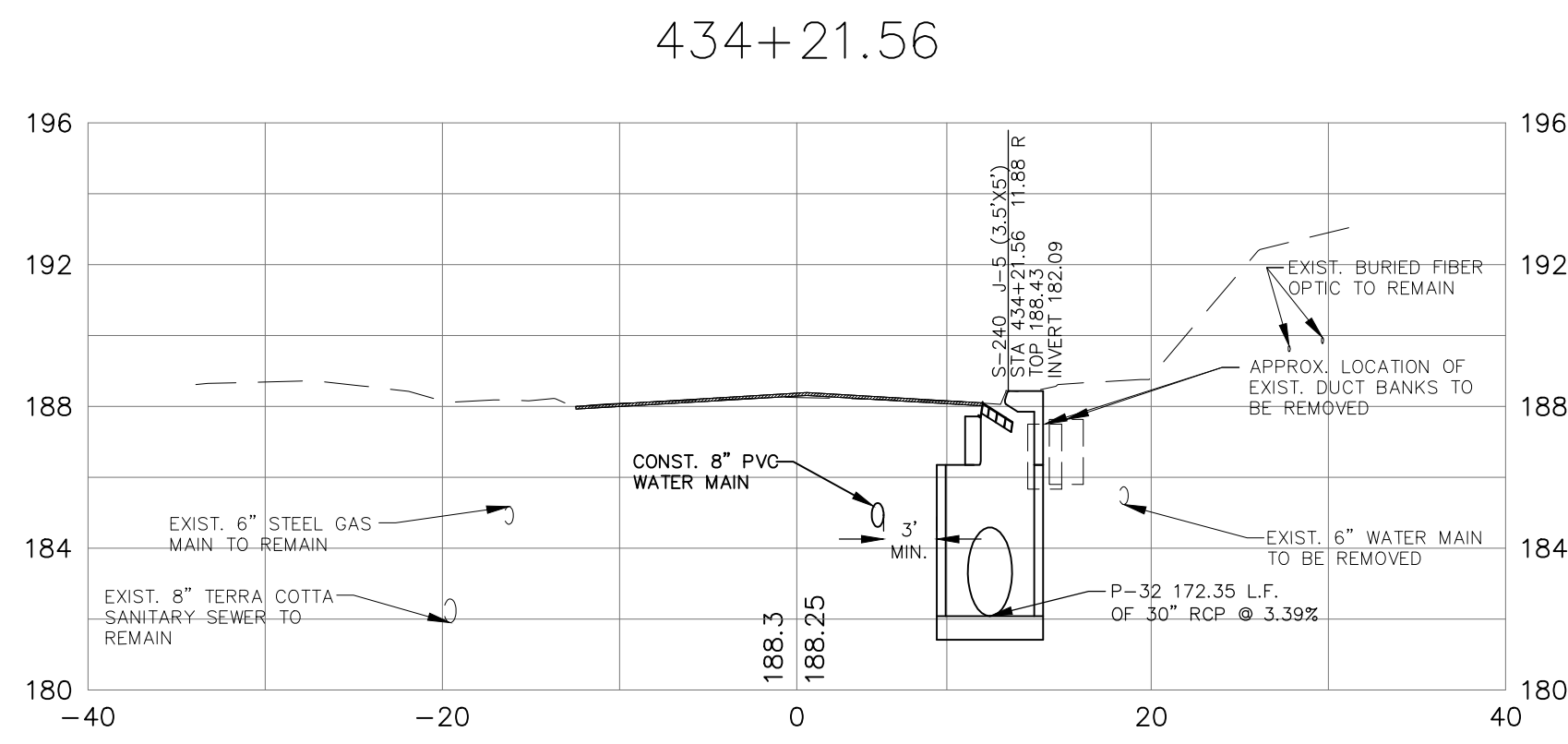


SECTION SCALE
 HORIZONTAL 1" = 10'
 VERTICAL 1" = 5'

100% SUBMITTAL

NO.	DATE	DESCRIPTION	REVISIONS	DESIGNED BY:	W.S.L.	CHECKED BY:	J.P.S.	PROJECT NUMBER:	LCP3-028		
				DRAWN BY:	S.R.W.	SCALE:	1" = 10'	DATE:	11/19/2012		
<p>GGI, LLC dba GENESIS GROUP 2507 CALLAWAY ROAD, SUITE 100 TALLAHASSEE, FLORIDA 32303 (850) 224-4400 (850) 681-5600 FAX</p> <p>FROM VISION TO REALITY FL, CA 00009660 FL, LB 0006816 FL, LC 26000202</p>				<p>GENESIS GROUP</p> <p>PREPARED FOR LEI</p> <p>James P. Sullivan, P.E. License Number: 42291</p>							
<p>DRAINAGE CROSS SECTIONS</p> <p>LAFAYETTE STREET</p> <p>STORMWATER CONVEYANCE</p>				<p>PUBLIC WORKS DEPARTMENT</p> <p>STREETS AND DRAINAGE</p>							
SHEET TITLE				SHEET NUMBER				PROJECT NAME			
				16							

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SECTION SCALE
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 VERTICAL 1" = 5'

100% SUBMITTAL

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				W.S.L.	LCP3.028
CHECKED BY:	SCALE:	DATE:			
J.P.S.	1" = 10'	11/19/2012			

GGI, LLC dba GENESIS GROUP
 2507 CALLAWAY ROAD, SUITE 100
 TALLAHASSEE, FLORIDA 32303
 (850) 224-4400 (850) 681-3600 FAX
 FL CA 00009660 FL LB 0006816 FL LC 26000202

GENESIS GROUP
 FROM VISION TO REALITY

LEI
 PREPARED FOR

James P. Sullivan, P.E.
 License Number 12291

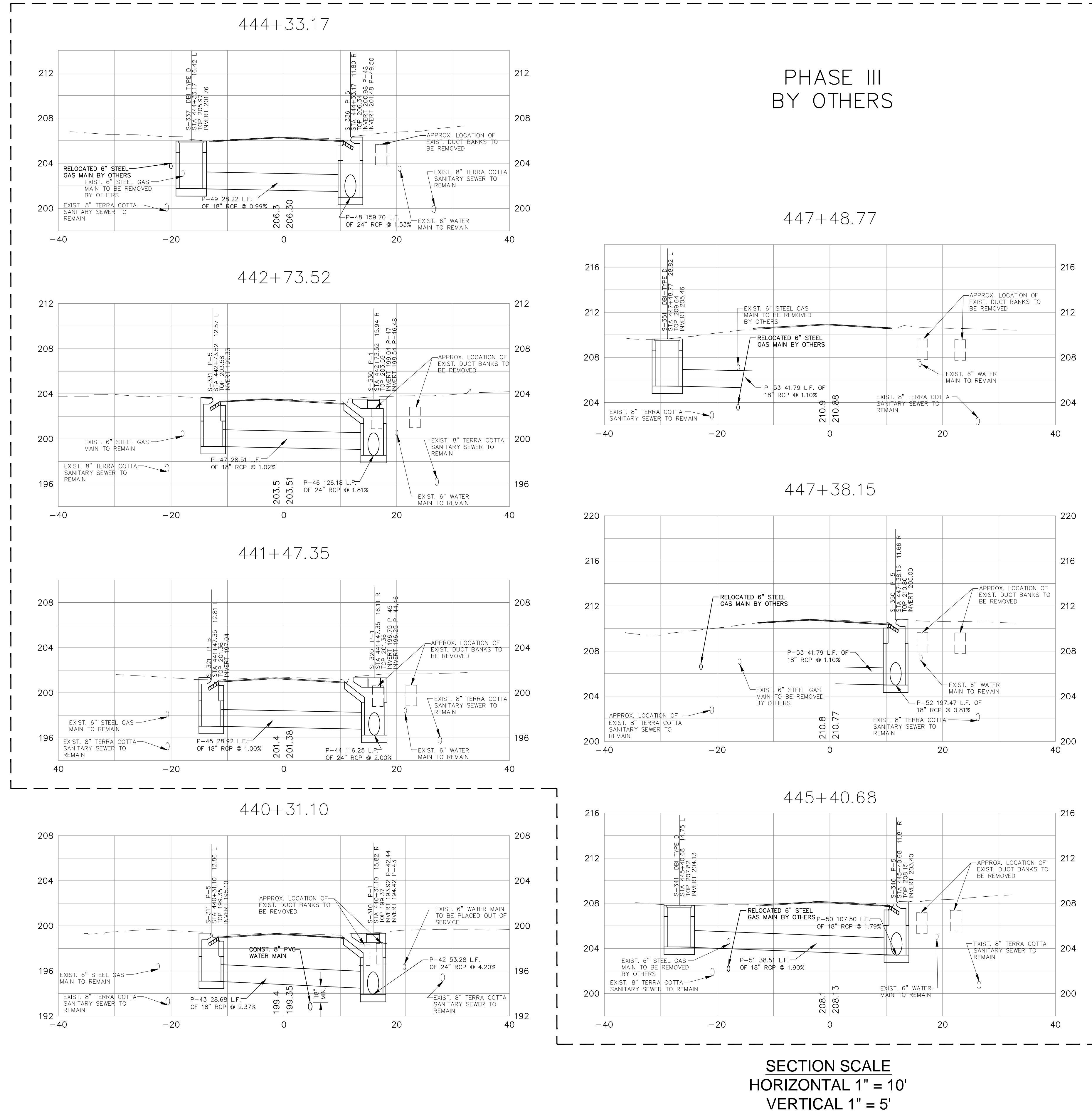
**PUBLIC WORKS DEPARTMENT
 STREETS AND DRAINAGE**

**DRAINAGE
 CROSS SECTIONS
 LAFAYETTE STREET
 STORMWATER CONVEYANCE**

SHEET TITLE
 SHEET NUMBER


PROJECT NAME

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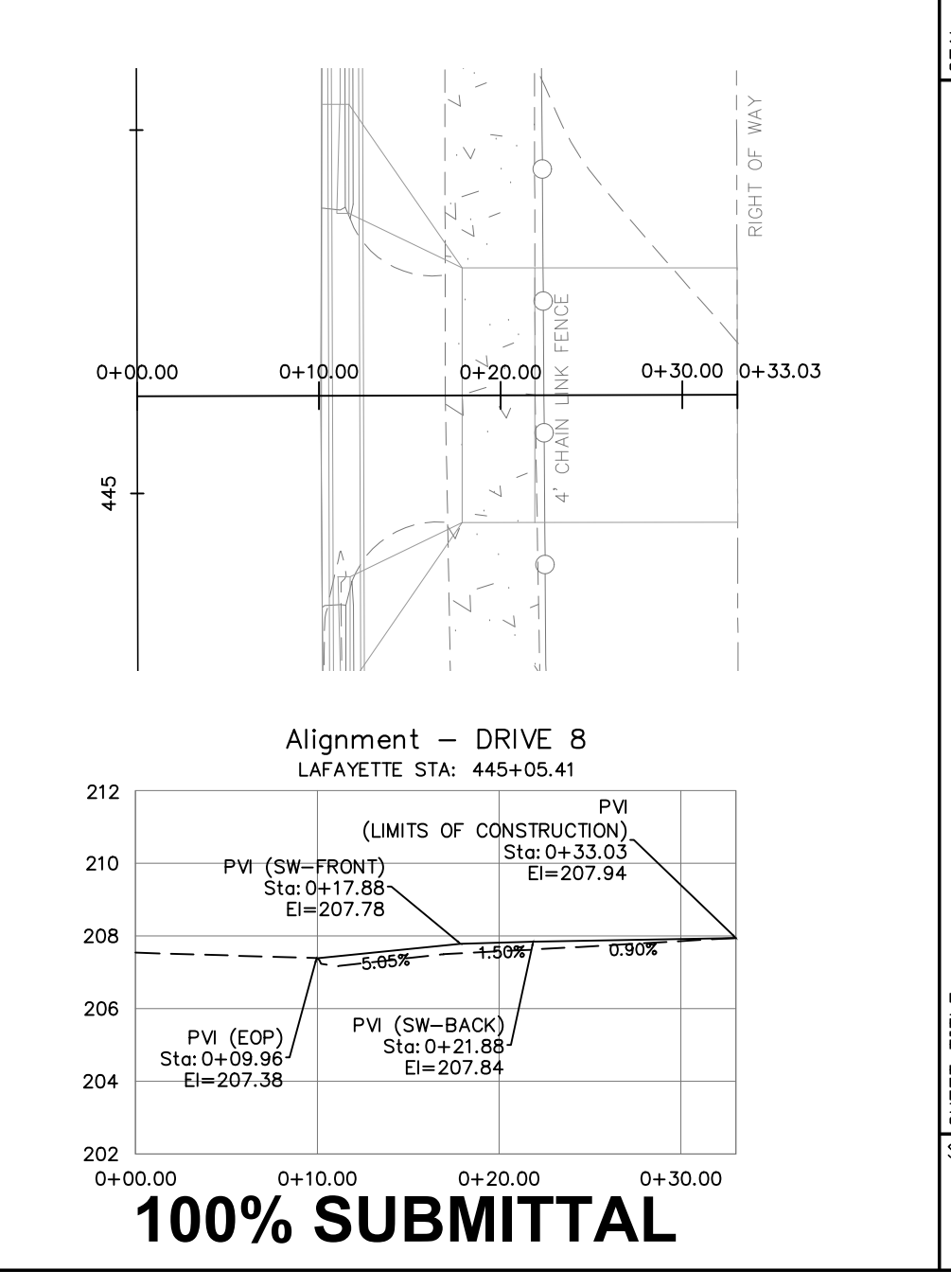
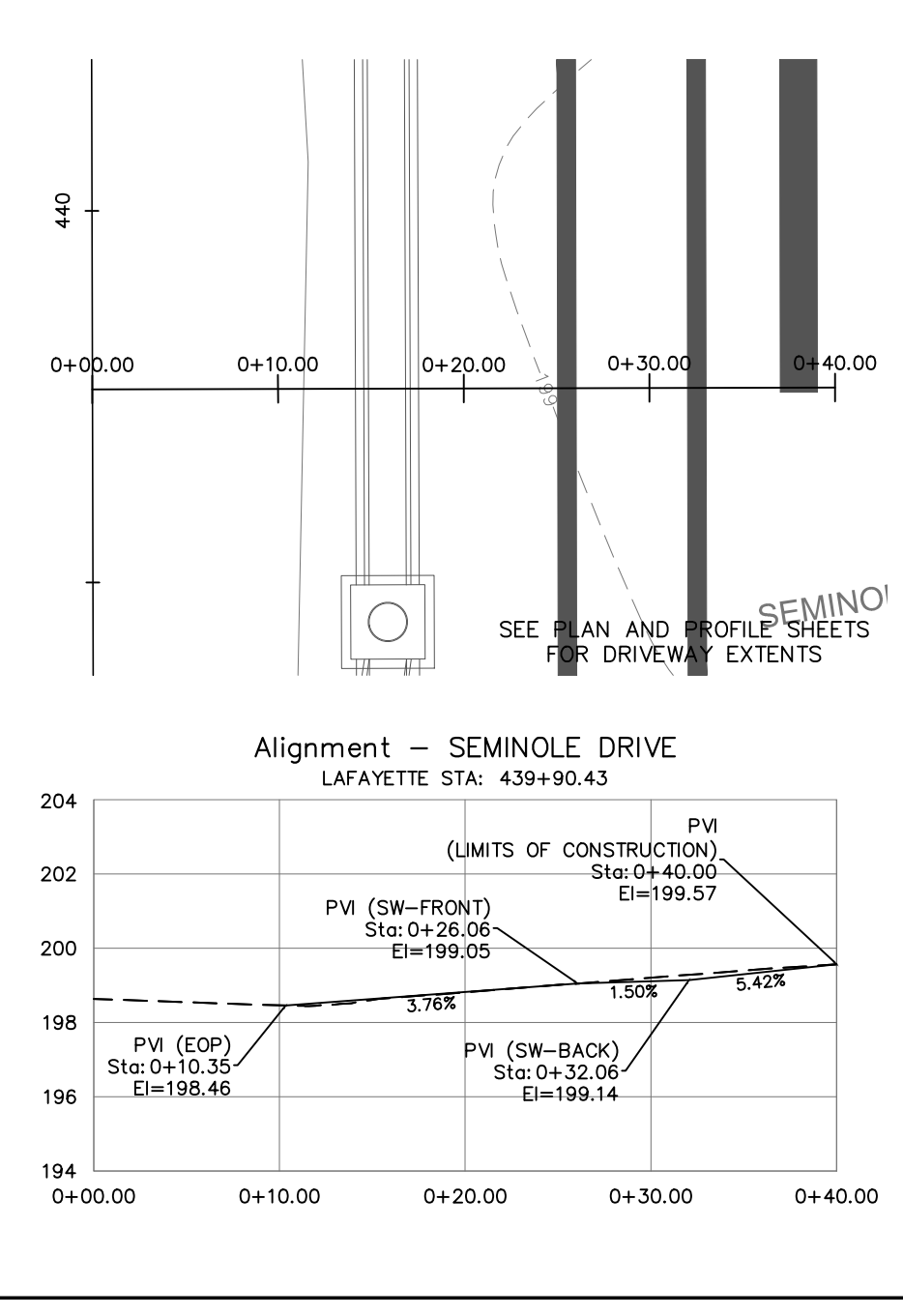
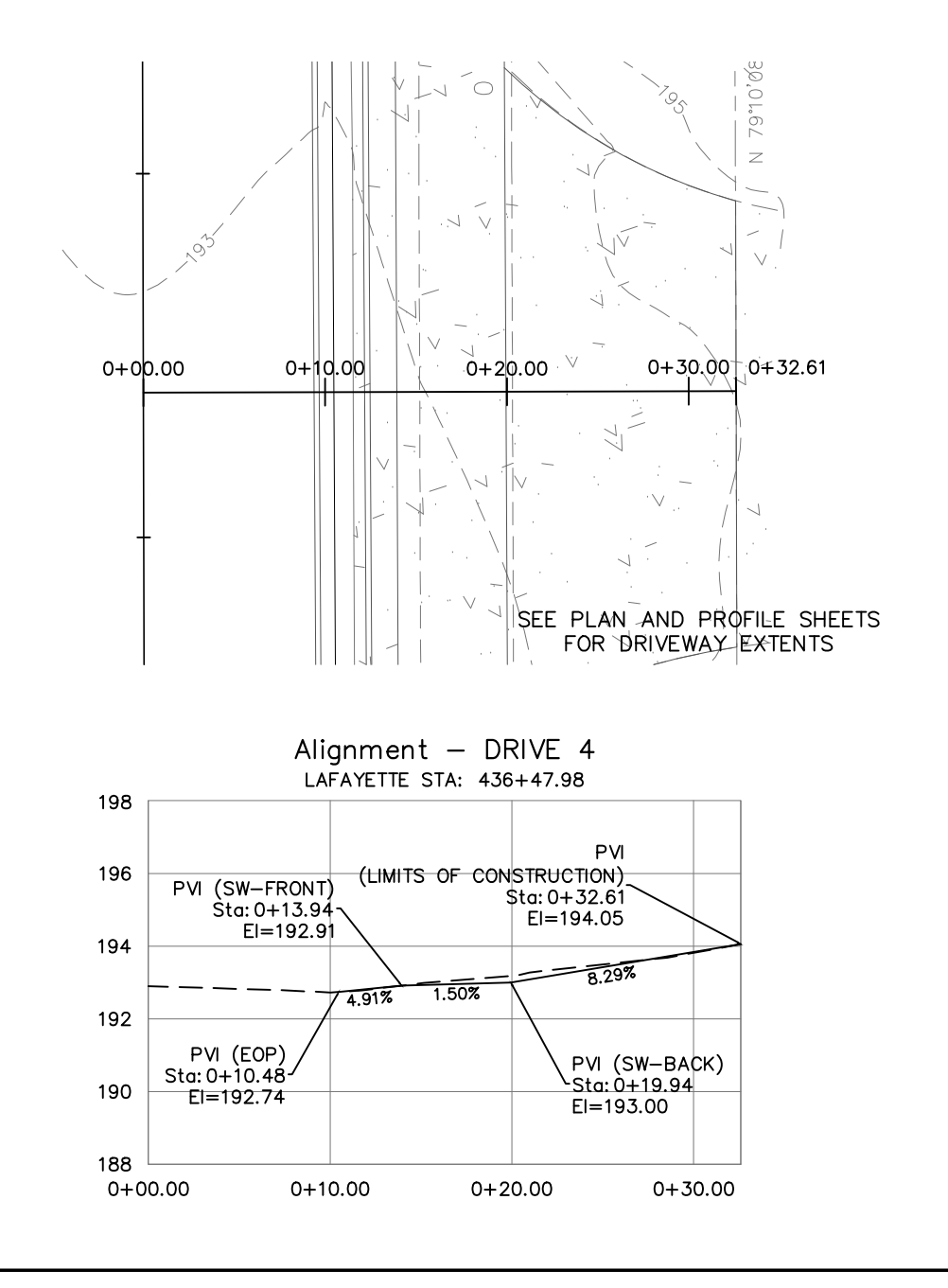
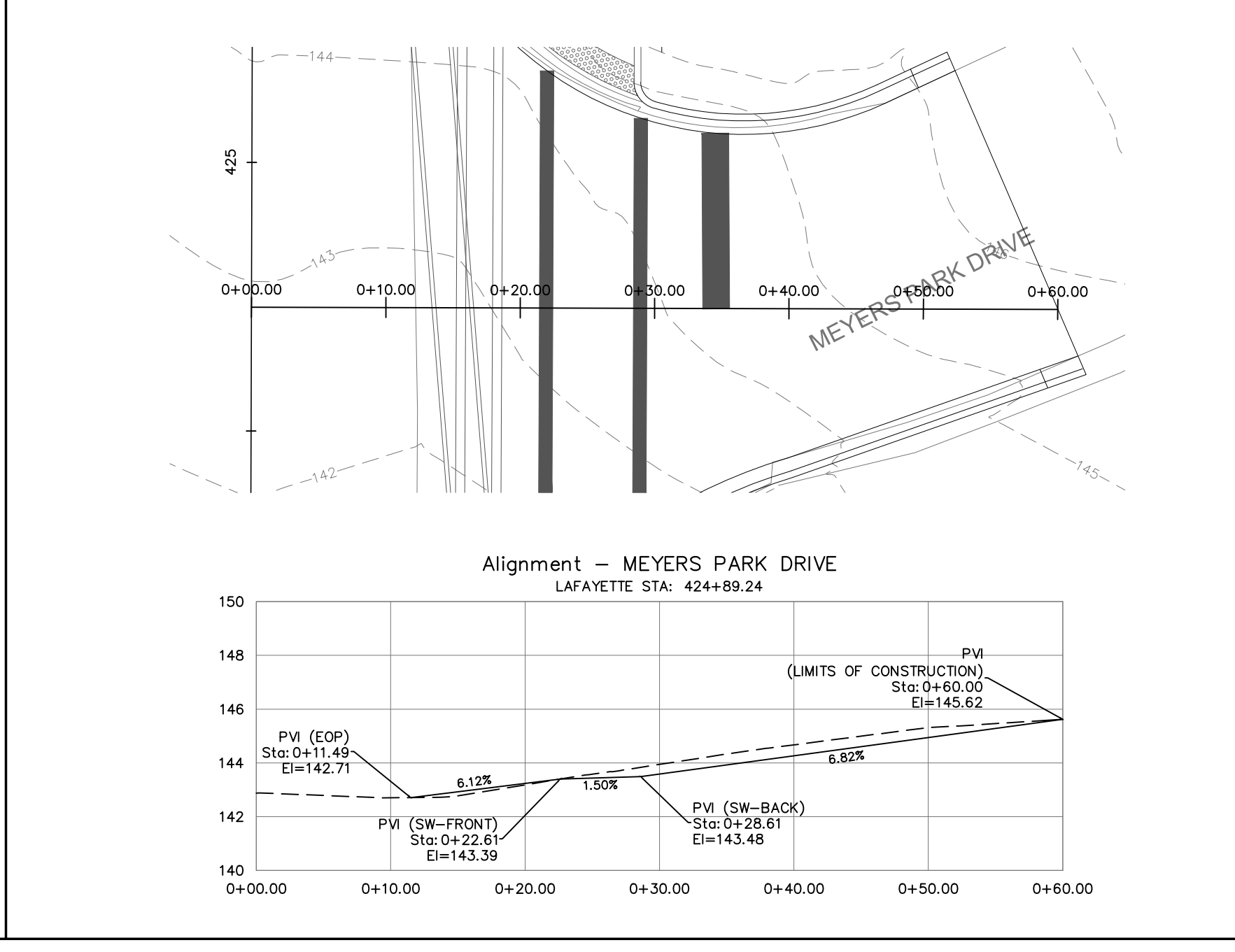
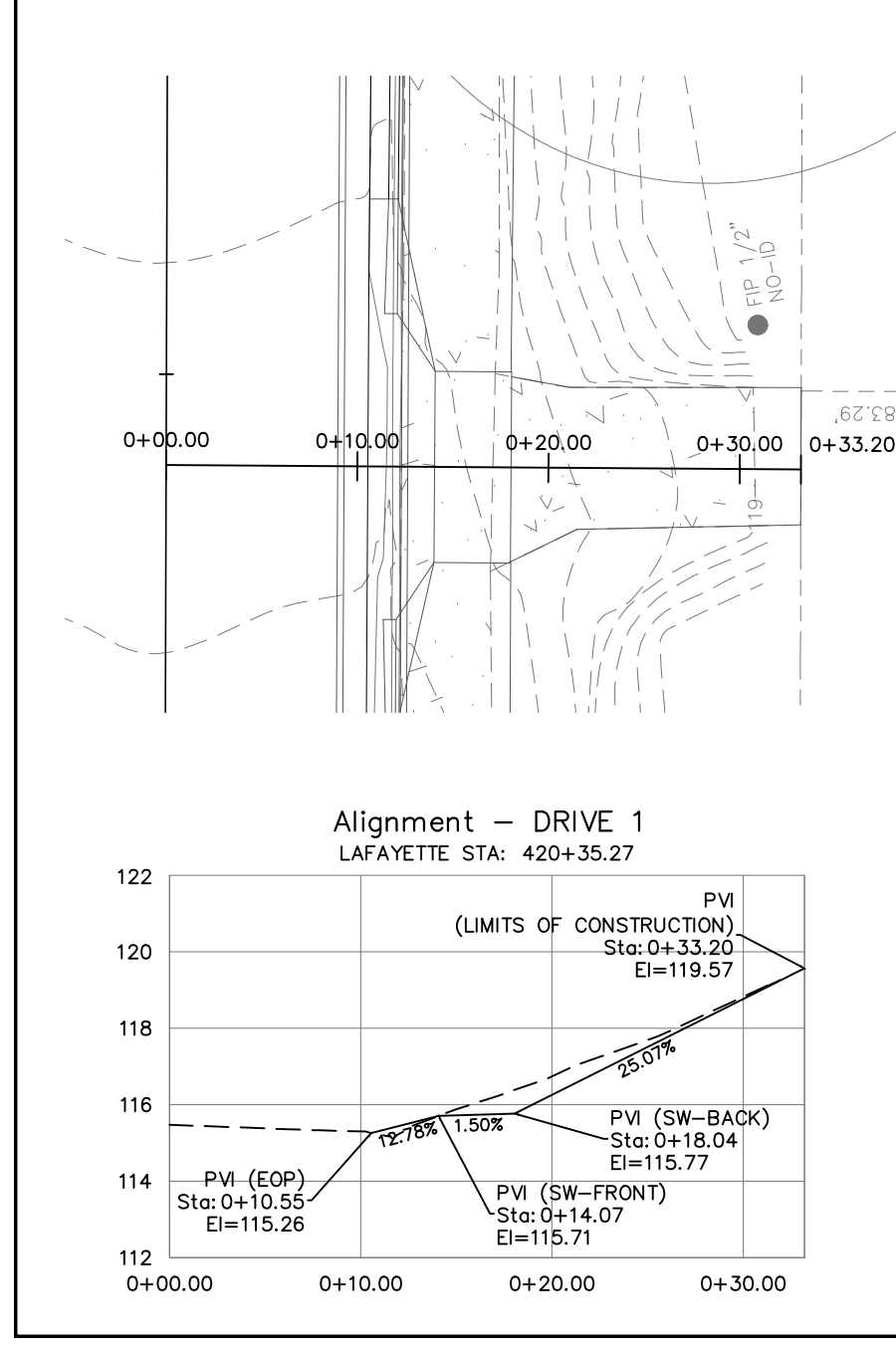
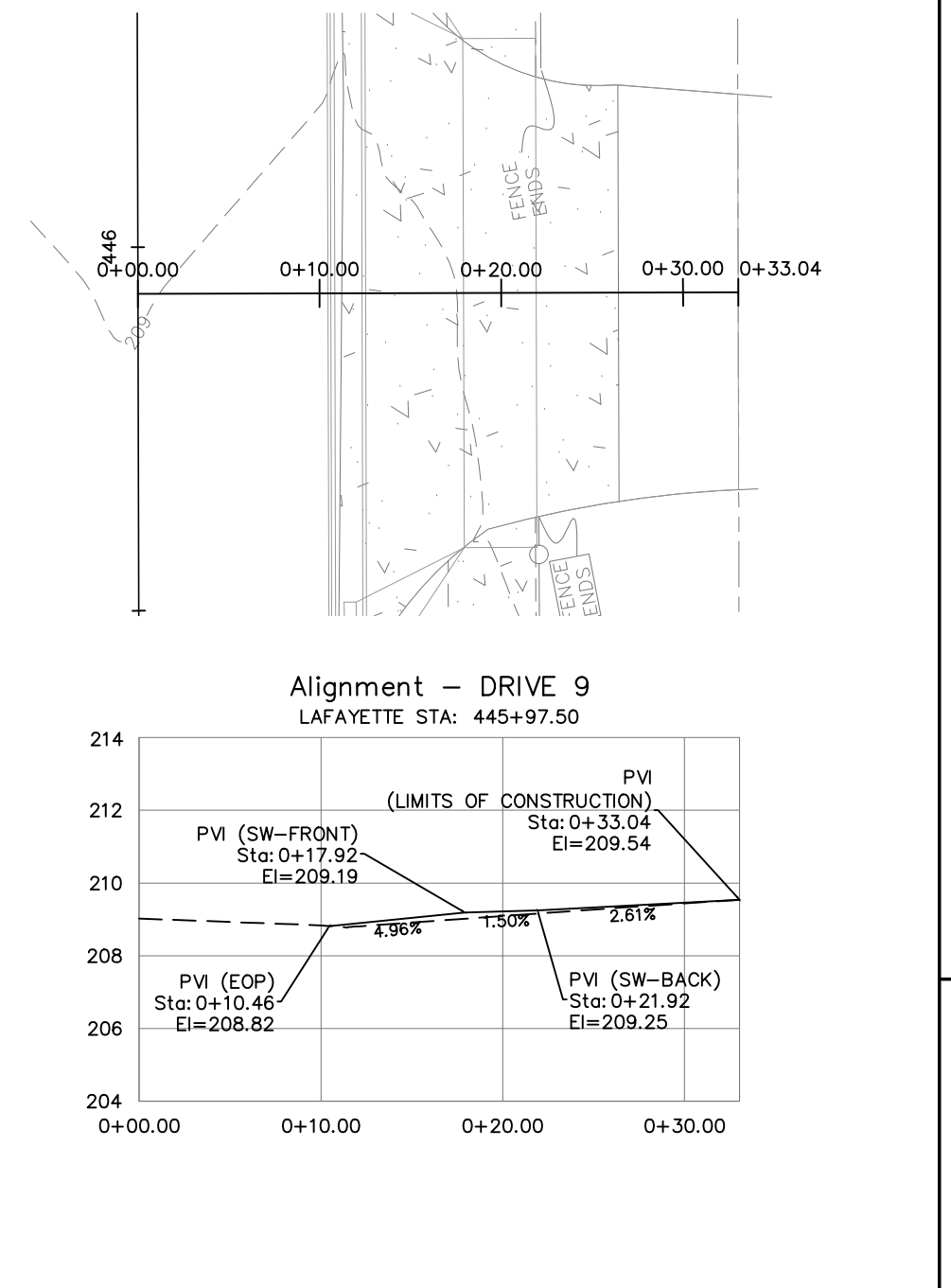
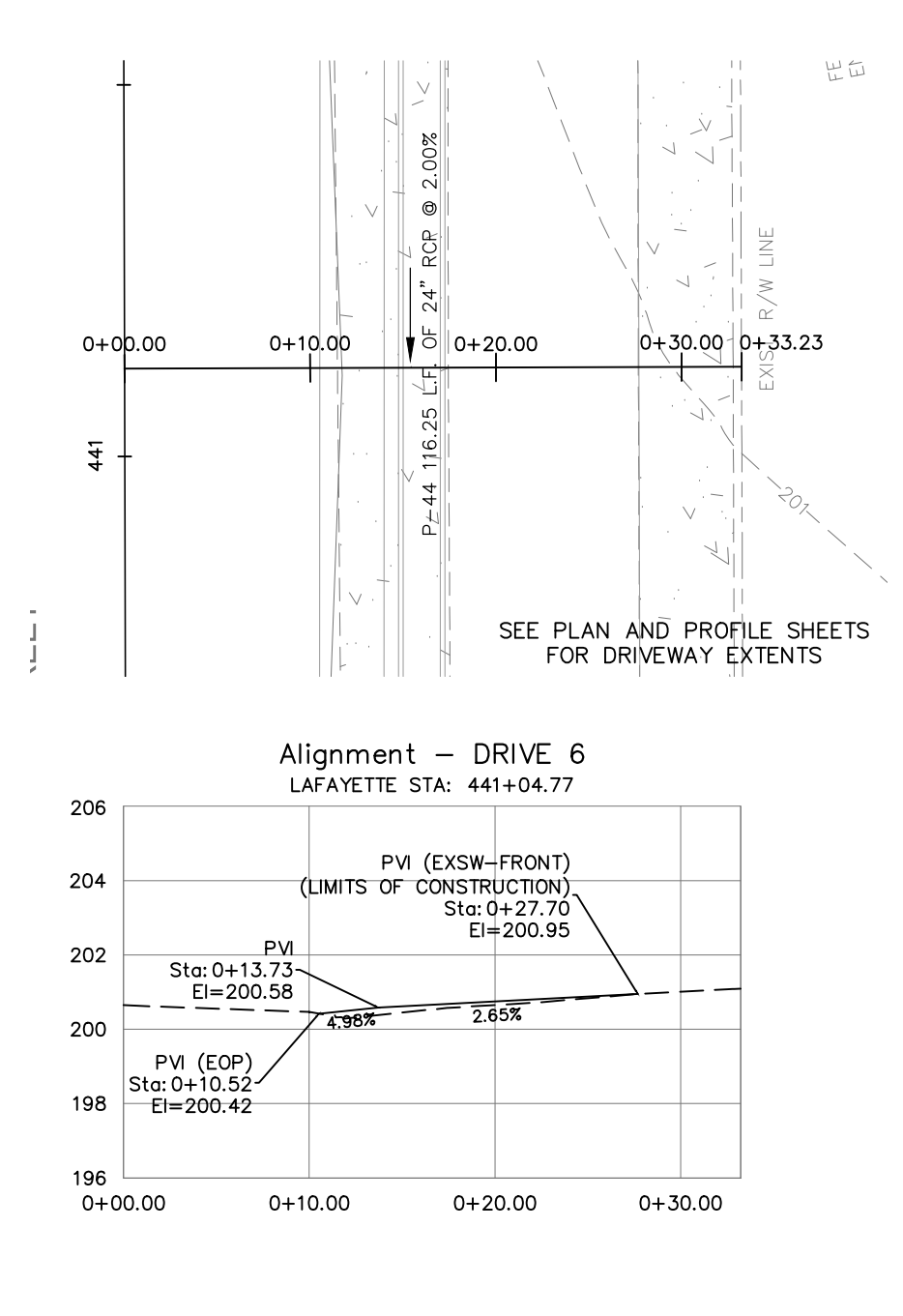
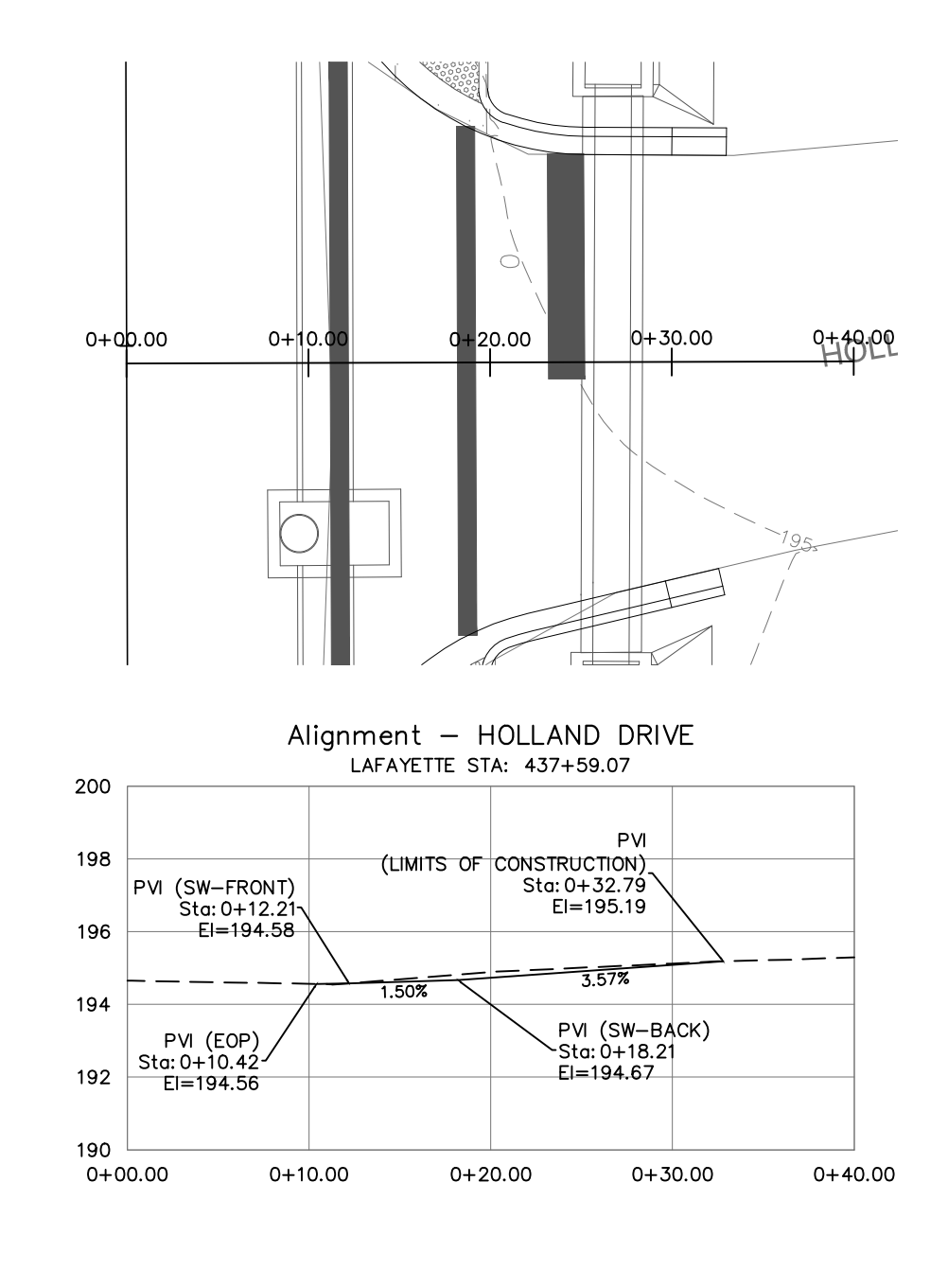
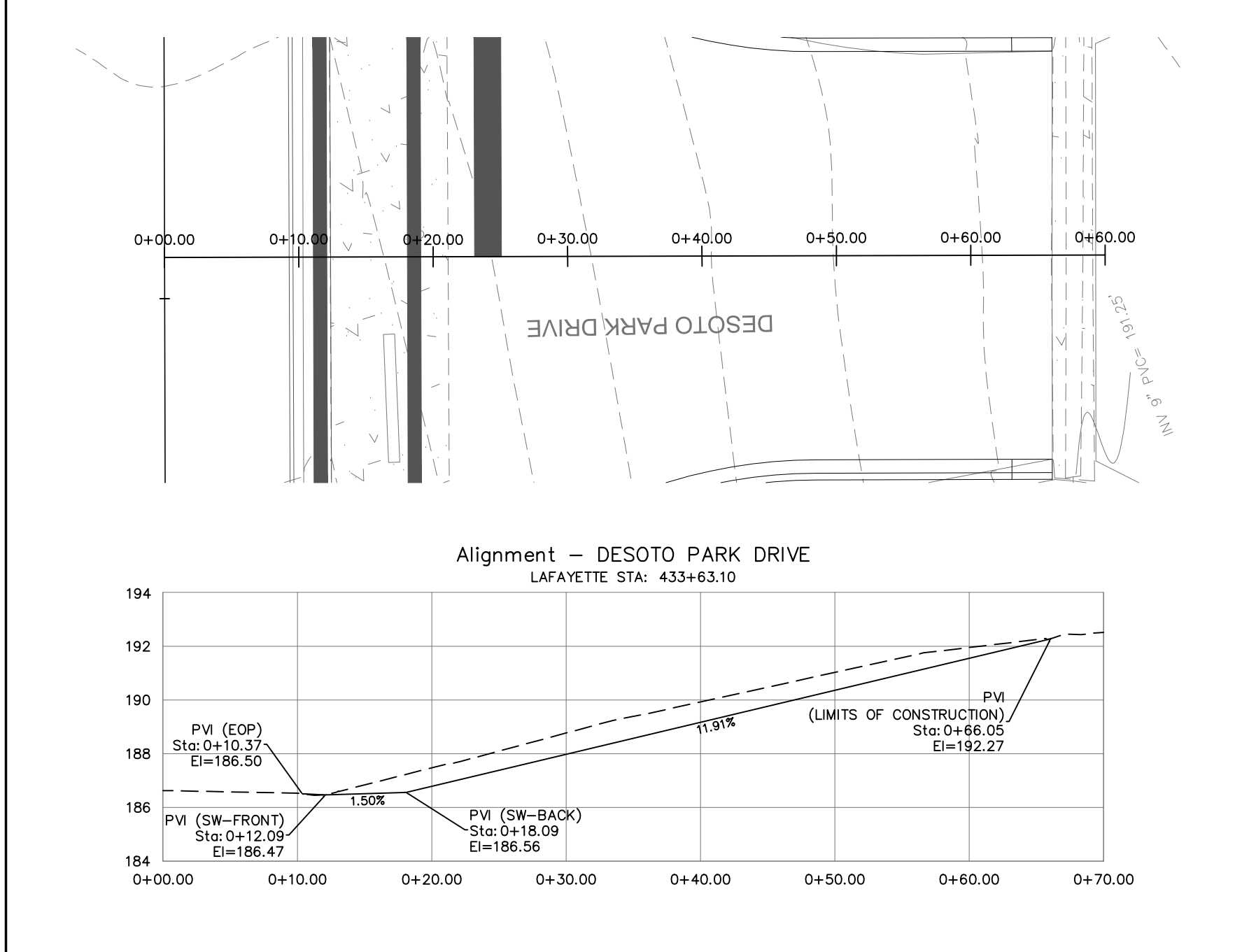
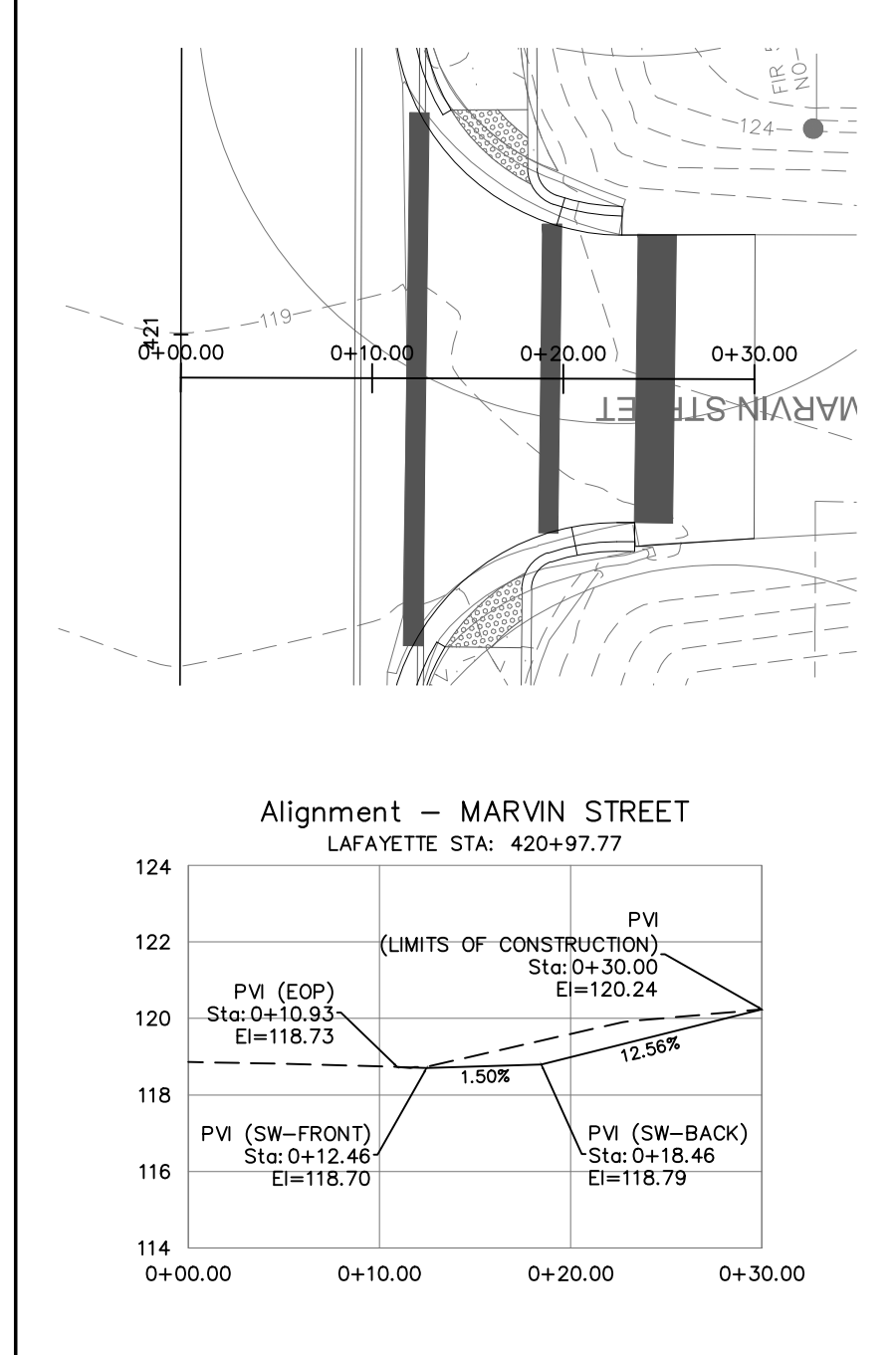
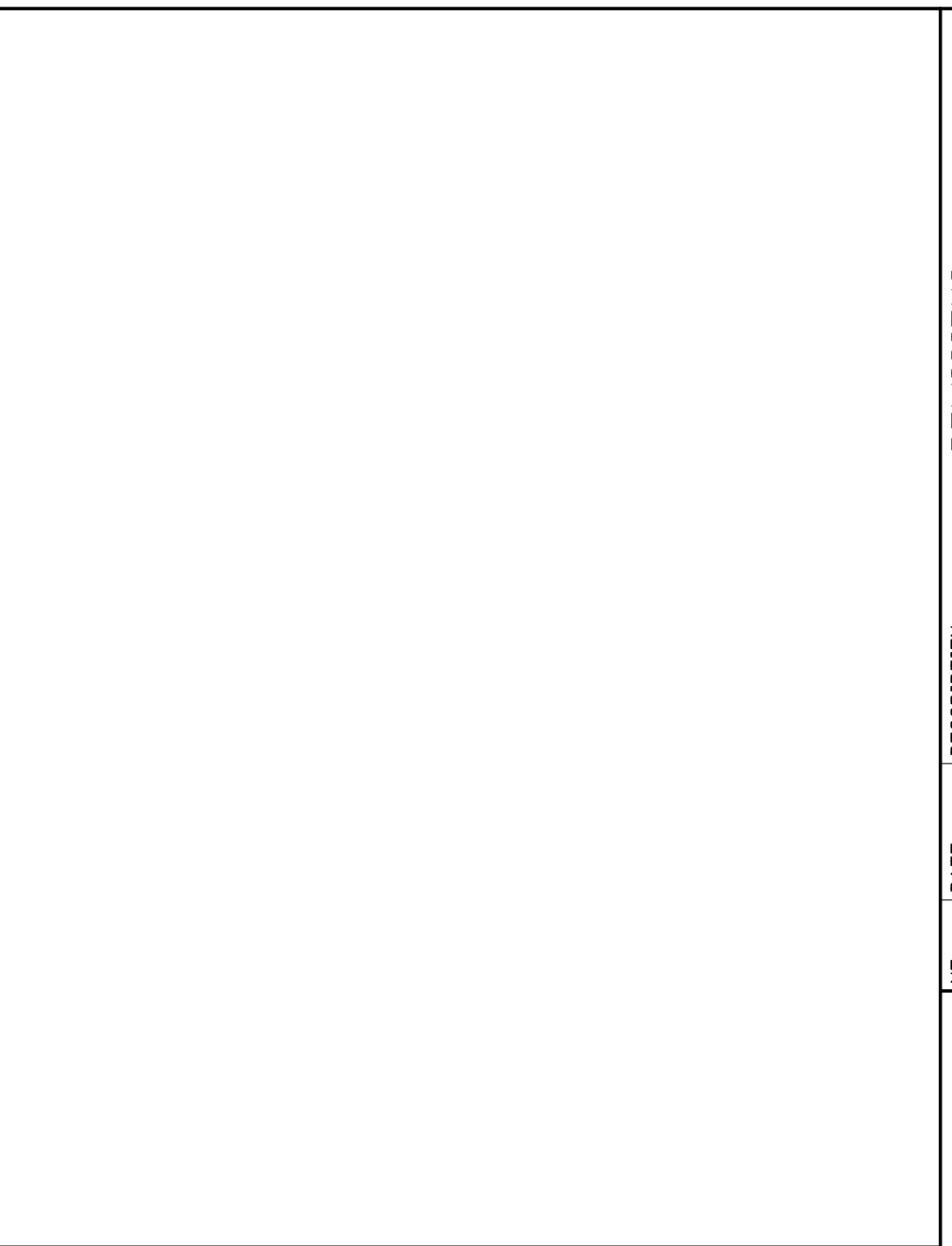
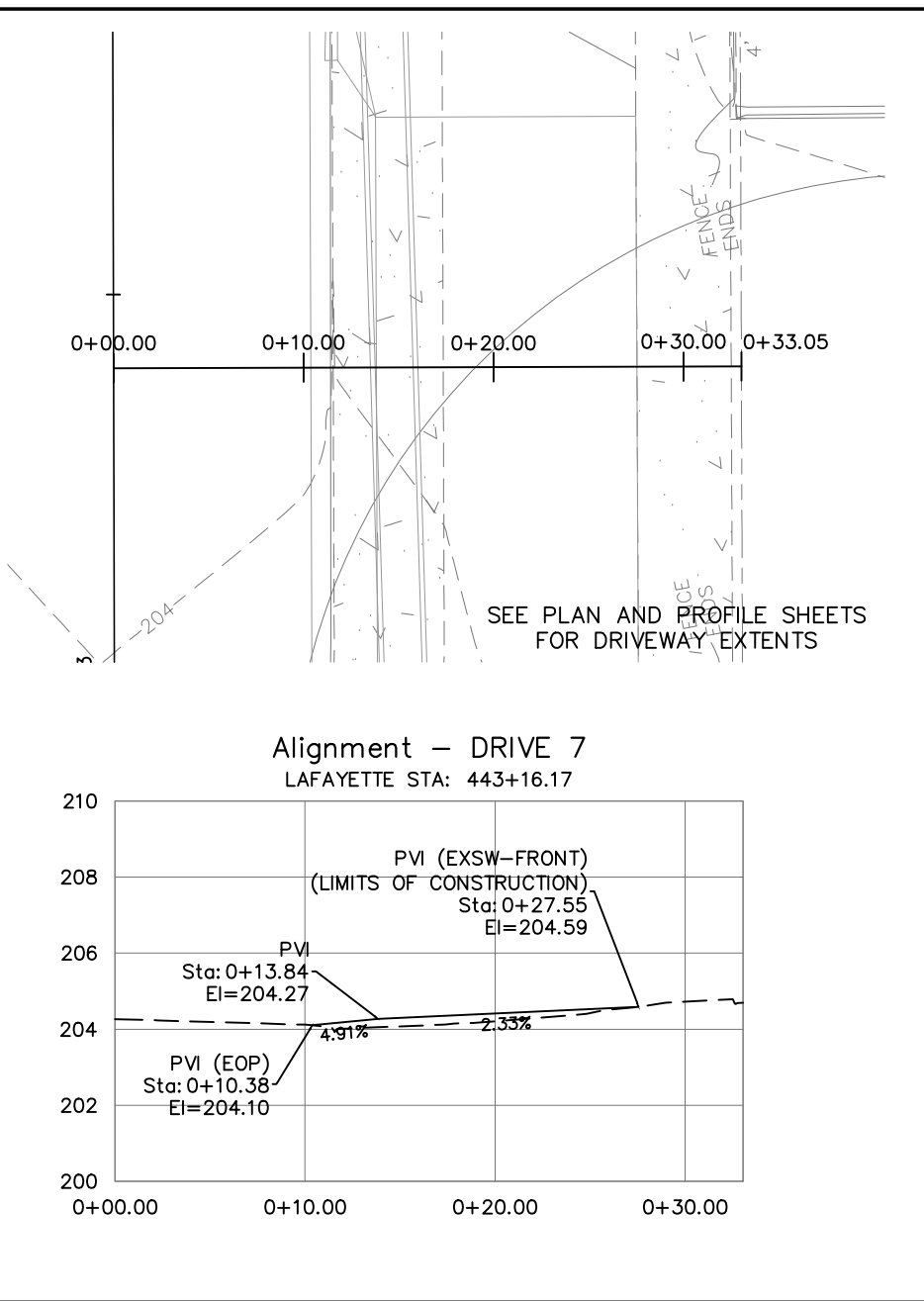
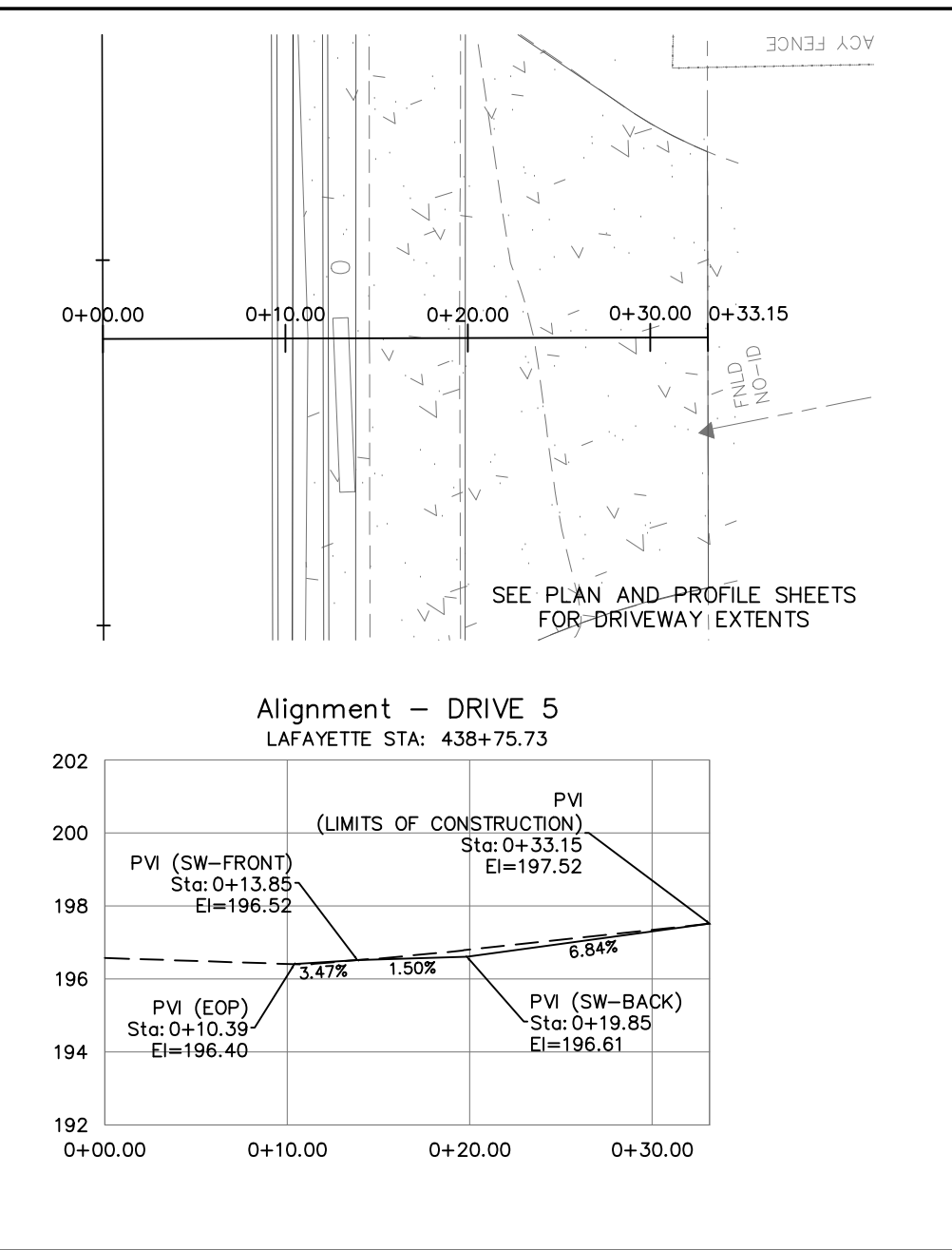
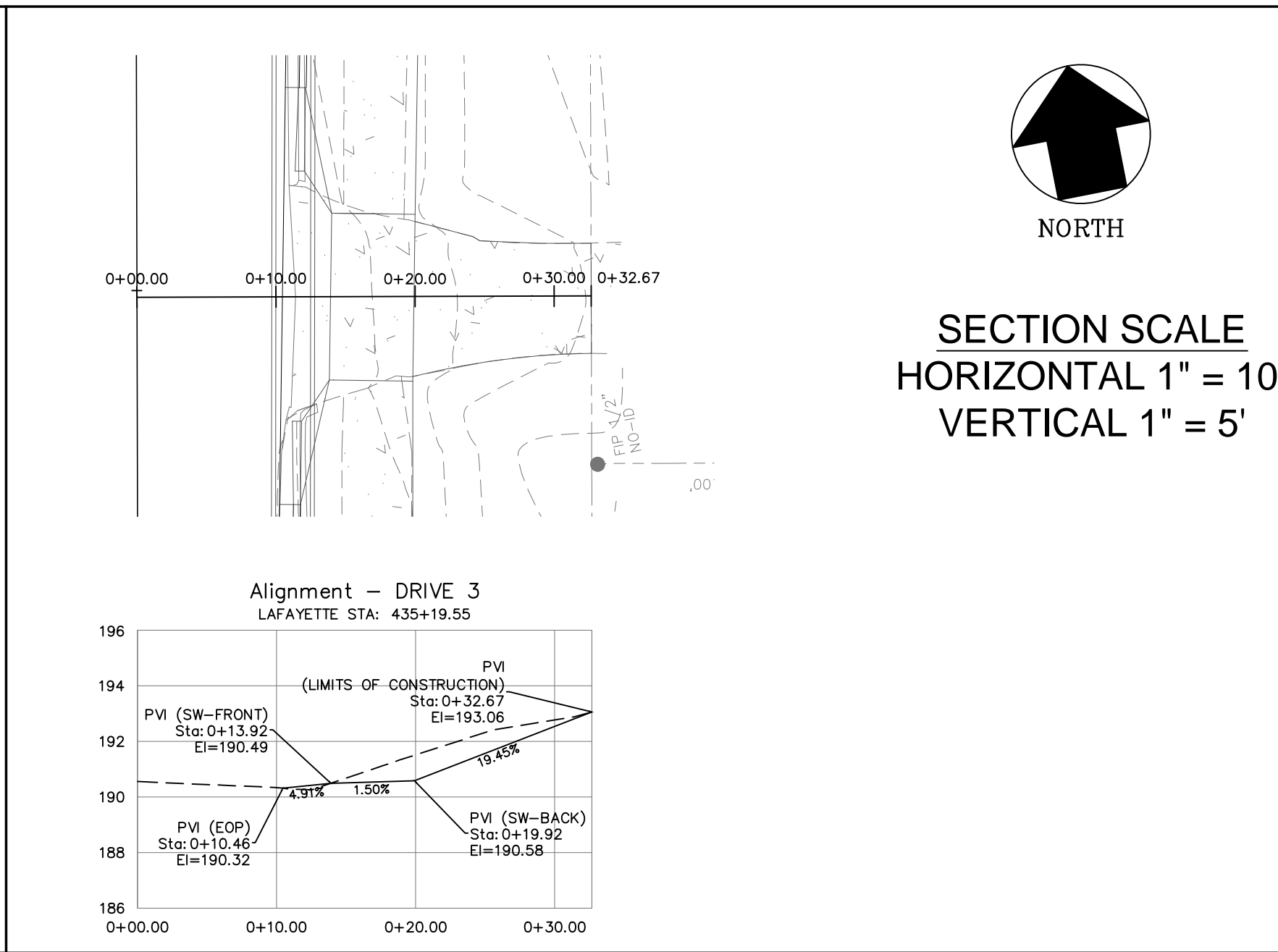
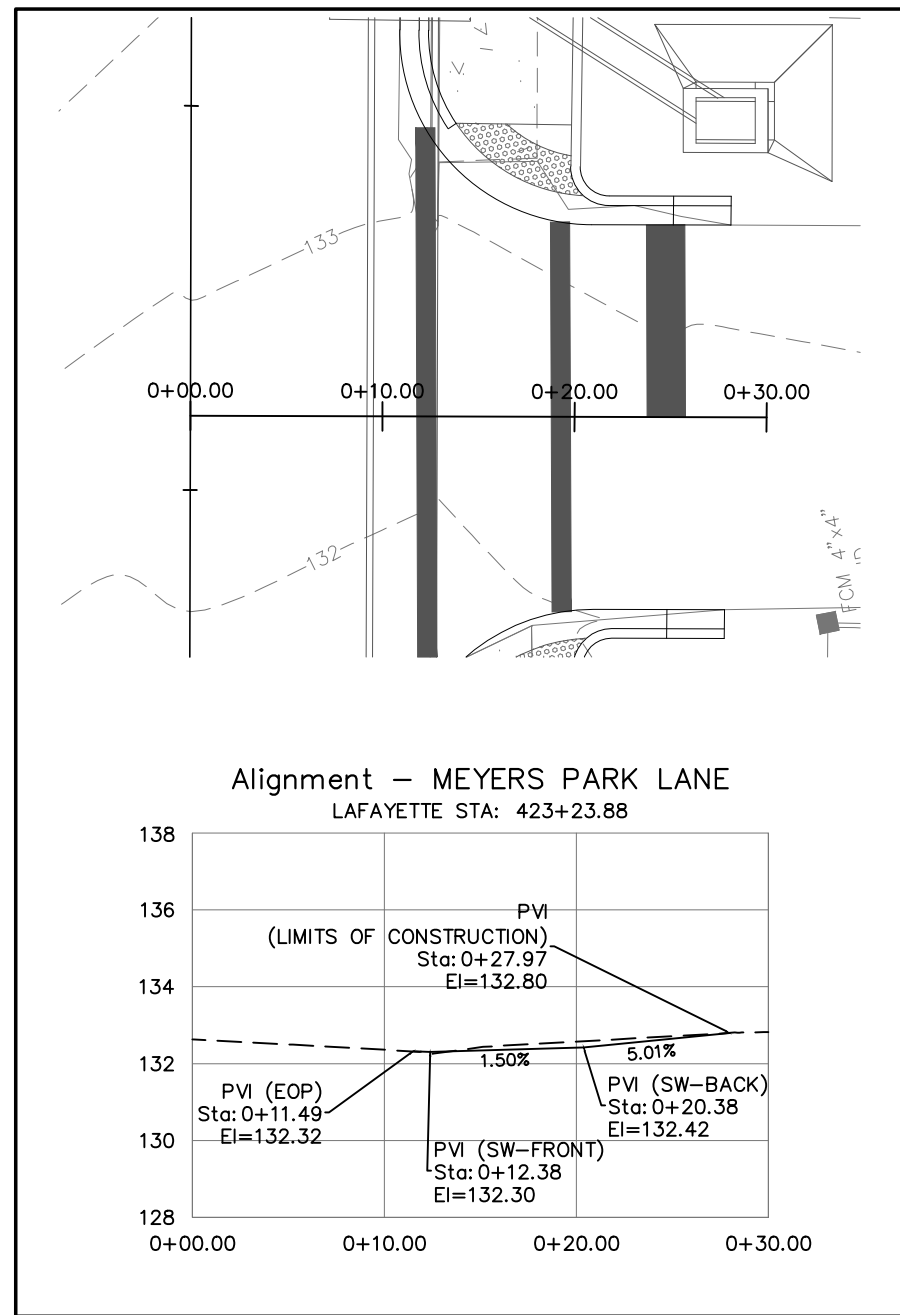


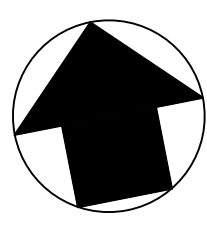
SECTION SCALE
 HORIZONTAL 1" = 10'
 VERTICAL 1" = 5'

PHASE III
 BY OTHERS

NO.	DATE	DESCRIPTION	REVISIONS	DESIGNED BY:	W.S.L.	CHECKED BY:	J.P.S.	PROJECT NUMBER:	LCP3-028
				DRAWN BY:	S.R.W.	SCALE:	1" = 10'	DATE:	11/19/2012
<p>GENESIS GROUP GGI, LLC dba GENESIS GROUP 2507 CALLAWAY ROAD, SUITE 100 TALLAHASSEE, FLORIDA 32303 (850) 224-4400 (850) 681-3600 FAX FROM VISION TO REALITY FL, CA 00009660 FL, LB 0006816 FL, LC 26000202</p>				<p>PUBLIC WORKS DEPARTMENT STREETS AND DRAINAGE</p>					
<p>SEAL</p>				<p>PREPARED FOR:  James P. Sullivan, P.E. License Number: 12291</p>					
<p>SHEET TITLE DRAINAGE CROSS SECTIONS</p>				<p>PROJECT NAME LAFAYETTE STREET STORMWATER CONVEYANCE</p>					
<p>SHEET NUMBER 18</p>				<p>100% SUBMITTAL</p>					

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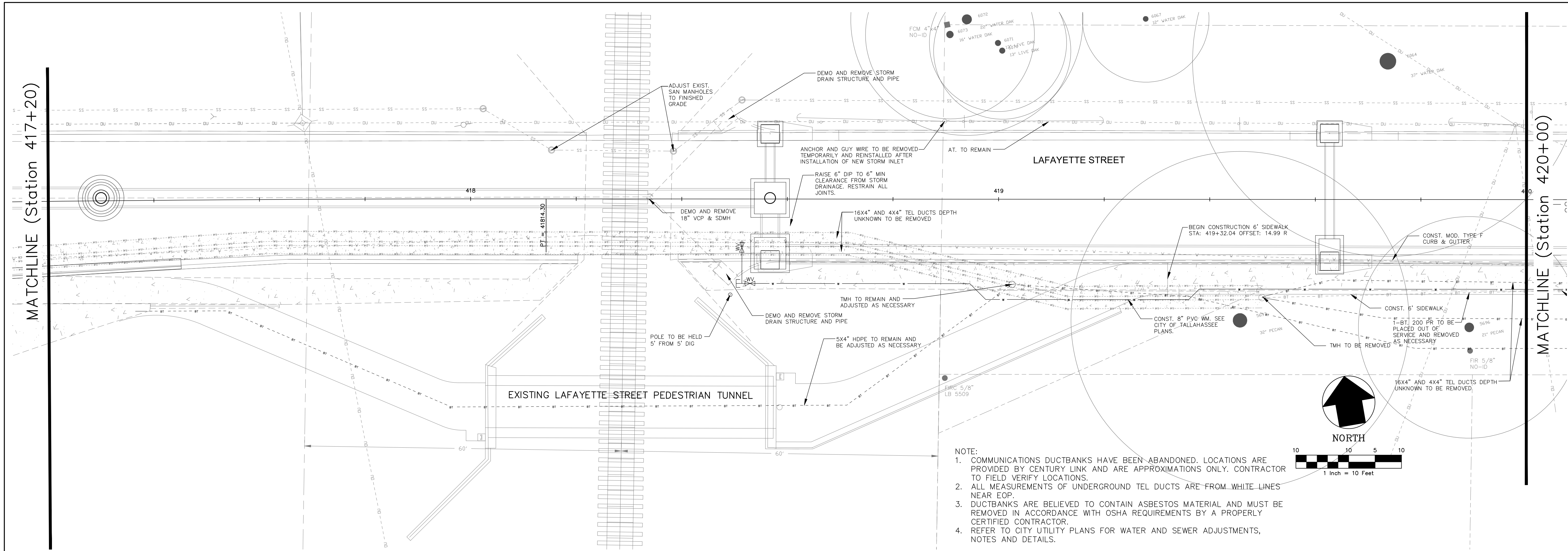
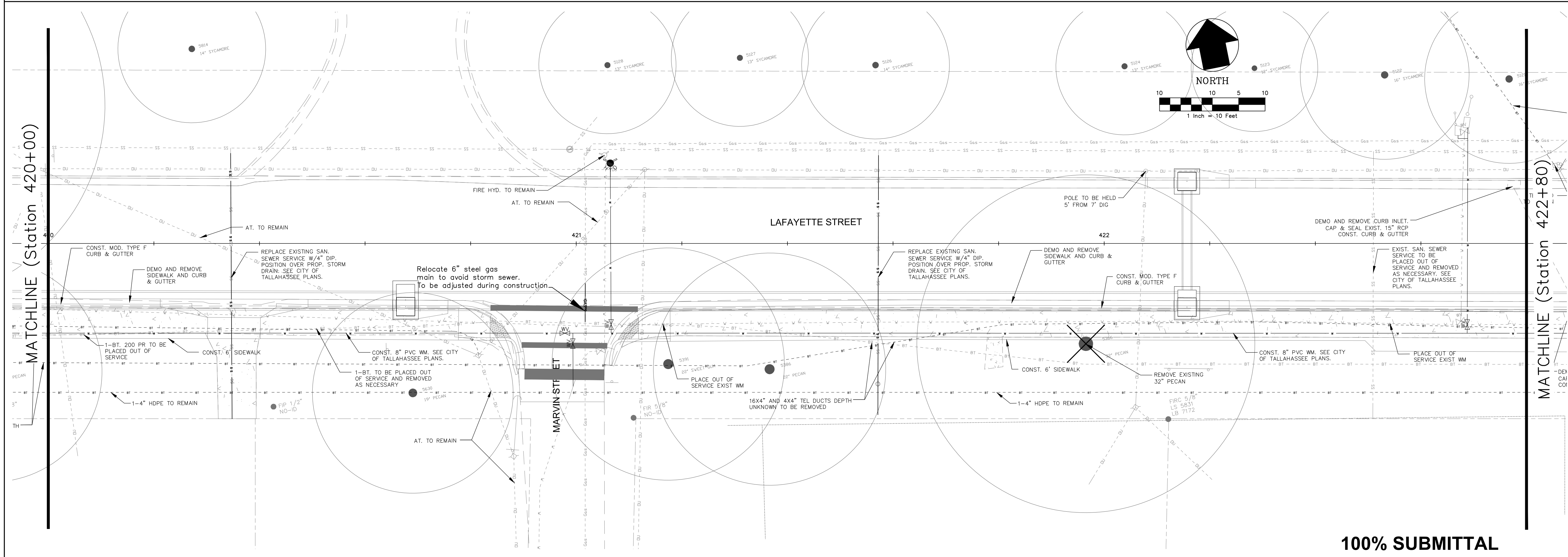

 NORTH
SECTION SCALE
HORIZONTAL 1" = 10'
VERTICAL 1" = 5'

NO.	DATE	DESCRIPTION	REVISIONS
 GENESIS GROUP GGI, LLC dba GENESIS GROUP 2507 CALLAWAY ROAD, SUITE 100 TALLAHASSEE, FLORIDA 32303 (850) 224-4400 (850) 681-5600 FAX FROM VISION TO REALITY FL, CA 00009660 FL, LB 0006816 FL, LC 26000202			
DESIGNED BY: A.O.A.		CHECKED BY: J.P.S.	
DRAWN BY: S.R.W.		PROJECT NUMBER: LCP3-028	
SCALE: 1" = 10'		DATE: 11/19/2012	
PUBLIC WORKS DEPARTMENT STREETS AND DRAINAGE			
DRIVEWAY PROFILES LAFAYETTE STREET STORMWATER CONVEYANCE			

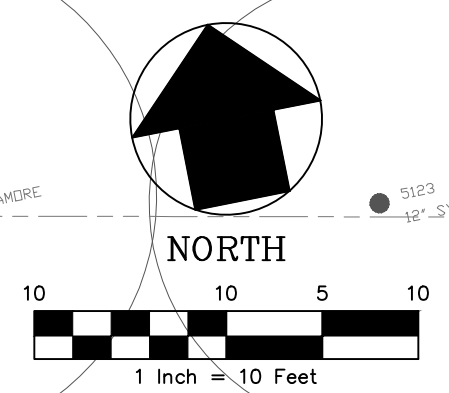
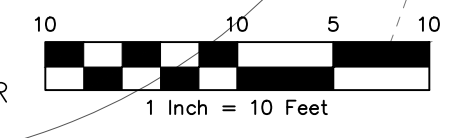
100% SUBMITTAL

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November 21, 2012 (16:46:58 EST)
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NOTE:
 1. COMMUNICATIONS DUCTBANKS HAVE BEEN ABANDONED. LOCATIONS ARE PROVIDED BY CENTURY LINK AND ARE APPROXIMATIONS ONLY. CONTRACTOR TO FIELD VERIFY LOCATIONS.
 2. ALL MEASUREMENTS OF UNDERGROUND TEL DUCTS ARE FROM WHITE LINES NEAR EOP.
 3. DUCTBANKS ARE BELIEVED TO CONTAIN ASBESTOS MATERIAL AND MUST BE REMOVED IN ACCORDANCE WITH OSHA REQUIREMENTS BY A PROPERLY CERTIFIED CONTRACTOR.
 4. REFER TO CITY UTILITY PLANS FOR WATER AND SEWER ADJUSTMENTS, NOTES AND DETAILS.



MATCHLINE (Station 417+20)

MATCHLINE (Station 420+00)

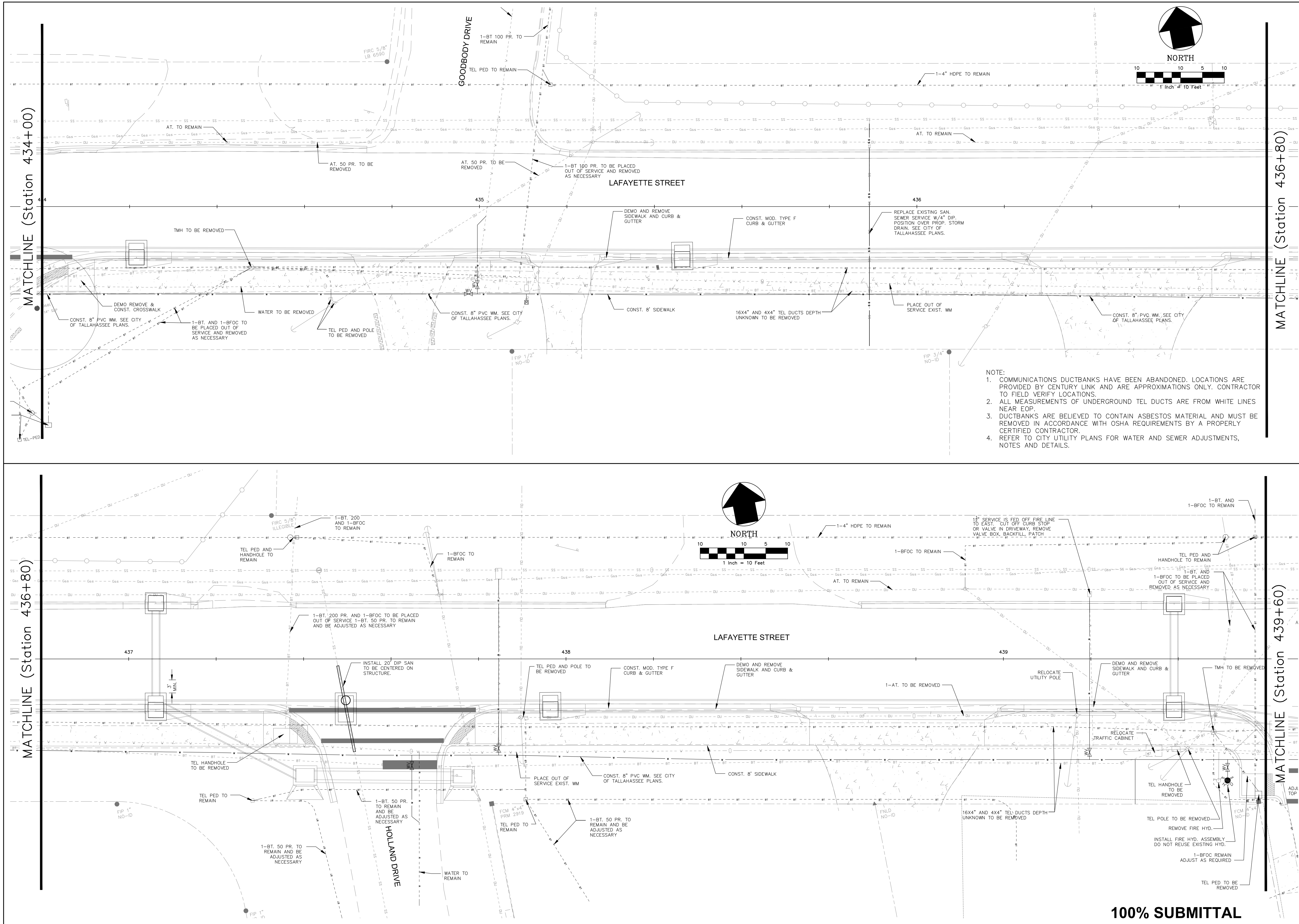
MATCHLINE (Station 420+00)

MATCHLINE (Station 422+80)

100% SUBMITTAL

SHEET TITLE UTILITY ADJUSTMENT PLAN	SHEET NUMBER 20	DESIGNED BY: A.O.A.	CHECKED BY: J.P.S.	PROJECT NUMBER LCP3-028
PROJECT NAME LAFAYETTE STREET STORMWATER CONVEYANCE		DRAWN BY: S.R.W.	SCALE 1" = 10'	DATE 11/19/2012
PREPARED FOR GENESIS GROUP		GGI, LLC dba GENESIS GROUP 2507 CALLAWAY ROAD, SUITE 100 TALLAHASSEE, FLORIDA 32303 (850) 224-4400 (850) 681-5600 FAX FL CA 00009660 FL LB 0006816 FL LC 26000202		
SEAL James P. Sullivan, P.E. License Number: 42991		PUBLIC WORKS DEPARTMENT STREETS AND DRAINAGE		

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100% SUBMITTAL

SHEET TITLE		UTILITY ADJUSTMENT PLAN	
SHEET NUMBER		23	
PROJECT NAME		LAFAYETTE STREET STORMWATER CONVEYANCE	
DESIGNED BY:		A.O.A.	
CHECKED BY:		J.P.S.	
DRAWN BY:		S.R.W.	
SCALE		1" = 10'	
PROJECT NUMBER		LCP3-028	
DATE		11/19/2012	
NO.		REVISIONS	
DATE		DESCRIPTION	

GENESIS GROUP
 FROM VISION TO REALITY
 GGI, LLC dba GENESIS GROUP
 2507 CALLAWAY ROAD, SUITE 100
 TALLAHASSEE, FLORIDA 32303
 (850) 224-4400 (850) 681-3600 FAX
 FL LIC 00009660 FL LIC 0006816 FL LIC 26000202

PREPARED FOR
 LEUM

DESIGNED BY: J.P.S.
 CHECKED BY: J.P.S.
 DRAWN BY: S.R.W.
 SCALE: 1" = 10'
 PROJECT NUMBER: LCP3-028
 DATE: 11/19/2012

PUBLIC WORKS DEPARTMENT
 STREETS AND DRAINAGE

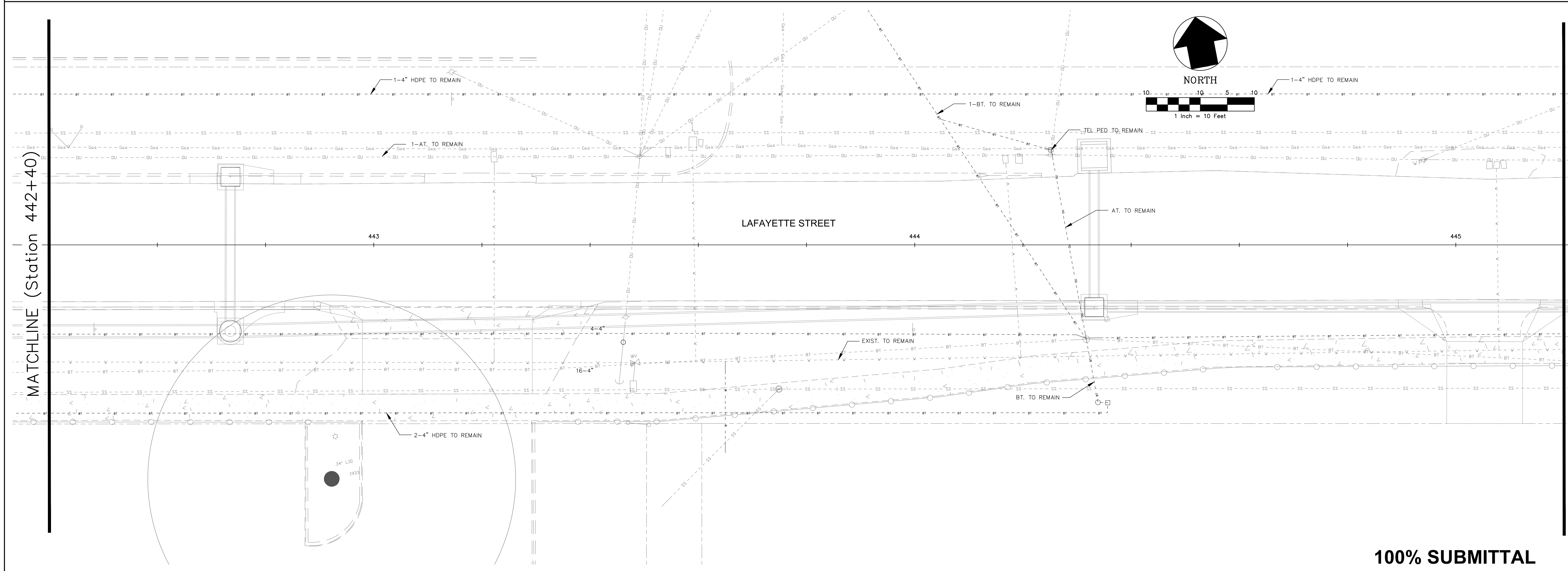
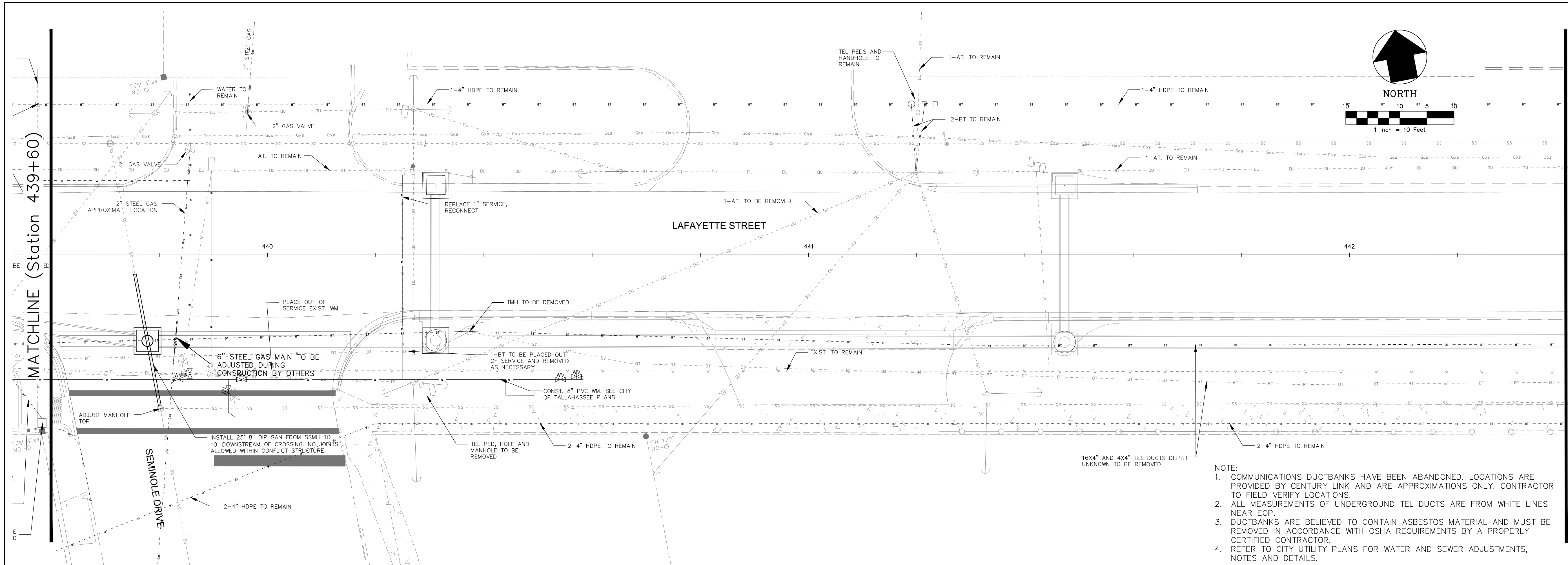
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 GGI, LLC dba GENESIS GROUP
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 FL LIC 00009660 FL LIC 0006816 FL LIC 26000202

PREPARED FOR
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 SCALE: 1" = 10'
 PROJECT NUMBER: LCP3-028
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PUBLIC WORKS DEPARTMENT
 STREETS AND DRAINAGE

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100% SUBMITTAL

NO.	DATE	DESCRIPTION	REVISIONS

GGI, LLC dba GENESIS GROUP
 2507 CALLAWAY ROAD, SUITE 100
 TALLAHASSEE, FLORIDA 32303
 (850) 224-4400 (850) 681-3600 FAX
 FROM VISION TO REALITY FL, CA 00009660 FL, LB 0006816 FL, LC 26000202

GENESIS GROUP

PREPARED FOR
 LEI

DESIGNED BY: A.O.A.
 CHECKED BY: J.P.S.
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 SCALE: 1" = 10'
 PROJECT NUMBER: LCP3-028
 DATE: 11/19/2012

SEAL

James P. Sullivan, P.E.
 License Number: 42991

SHEET TITLE
UTILITY ADJUSTMENT PLAN

PROJECT NAME
LAFAYETTE STREET STORMWATER CONVEYANCE

SHEET NUMBER
24

EROSION CONTROL NOTES

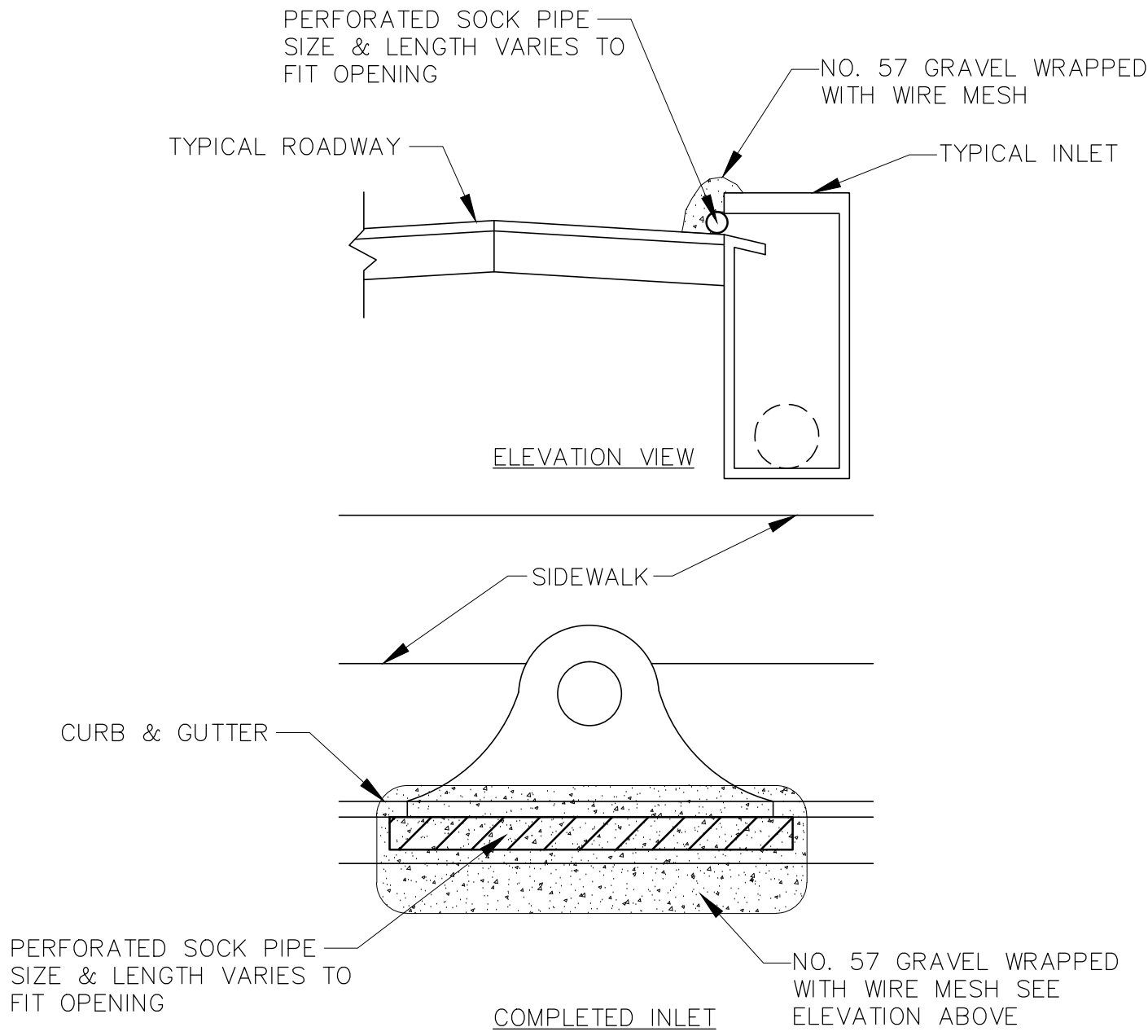
1. THE CONTRACTOR SHALL ENSURE THAT A FOREMAN OR SUPERVISOR WHO HAS BEEN CERTIFIED UNDER FLORIDA STORMWATER, EROSION, AND SEDIMENTATION CONTROL INSPECTOR TRAINING PROGRAM IS AVAILABLE IN PERSON OR BY TELEPHONE AT ALL TIMES DURING CONSTRUCTION ACTIVITIES. CONSTRUCTION SHALL NOT COMMENCE UNTIL INFORMATION (NAME AND PHONE NUMBER) OF CERTIFIED STORMWATER EROSION AND SEDIMENT CONTROL INSPECTOR HAS BEEN SENT TO THE CITY AND LEON COUNTY PUBLIC WORKS. ALSO, CONTRACTOR WILL APPLY FOR AN NOI PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL SUBMIT FRO THE NPDES PERMIT PRIOR TO COMMENCEMENT OF CONSTRUCTION.
3. PRIOR TO CLEARING, TREE PROTECTION BARRICADES SHALL BE INSTALLED.
4. DURING THE CLEARING, GRUBBING AND GRADING STAGES, AREAS THAT ARE DISTURBED MORE THAN 7 DAYS SHALL BE STABILIZED WITH RYE GRASS APPLIED AT MANUFACTURER'S RECOMMENDATIONS. AFTER SEEDING, EACH AREA SHALL BE MULCHED WITH 4,000 POUNDS OF STRAW PER ACRE. ON ALL EXPOSED SLOPES THAT ARE EQUAL TO OR GREATER THAN 5%, AN EROSION BLANKET SHALL BE UTILIZED UNTIL THE AREA ACHIEVES FINAL STABILIZATION. IF ANY SLOPE SHOWS SIGNS OF FAILURE, CONTRACTOR MUST CALL A GEOTECHNICAL ENGINEER FOR A SOLUTION. LEON COUNTY WILL ALSO BE CONTACTED ABOUT ISSUE FOR RESOLUTION.
5. AFTER THE INITIAL GRADING WORK, ALL PROPOSED INLET(S)/OUTFALLS, ONCE INSTALLED, SHALL BE PROTECTED FROM EROSION AND SEDIMENT RUNOFF BY THE USE OF FILTER FABRIC AND PROPERLY INSTALLED HAY BALES. SEE DETAIL THIS SHEET. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASED OR ARE TO BE LEFT IDLE FOR MORE THAN 14 DAYS SHALL BE STABILIZED WITH PERMANENT SEED OR OTHER PERMANENT STABILIZATION METHODS. SEEDING SHALL BE THE SAME AS IN TEMPORARY SEEDING.
6. CARE SHALL BE TAKEN TO ASSURE THE REMOVAL OF ACCUMULATED FINE SEDIMENTS AND THAT THE EXCESSIVE COMPACTION OF SOIL BY CONSTRUCTION MACHINERY IS AVOIDED. INLET(S) SHALL BE PROTECTED WITH INLET PROTECTION. SEE DETAIL ON THIS SHEET.
7. ALL SEDIMENT IS TO BE CAPTURED ON-SITE. ANY SEDIMENT ESCAPING THE SITE WILL BE REQUIRED TO BE REMOVED AND RESTORED INCLUDING THE TRACKING OF SOIL ON STREETS. SIDE STREETS TO THE NORTH SHALL BE PROTECTED FROM SEDIMENTS.
8. DAILY SWEEPING WILL BE REQUIRED AND IMMEDIATELY AFTER STORM EVENTS TO PREVENT TRACKING OF SEDIMENT ON TO STREETS.
9. THE STORMWATER CONTROL OFFICER WITH THE AUTHORITY OF DAY TO DAY OPERATIONS WILL BE PROVIDED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONSTRUCTION SHALL NOT TAKE PLACE UNTIL A STORMWATER CONTROL OFFICER HAS BEEN PROVIDED TO THE CITY OF TALLAHASSEE AND LEON COUNTY PUBLIC WORKS.

SEQUENCE OF CONSTRUCTION

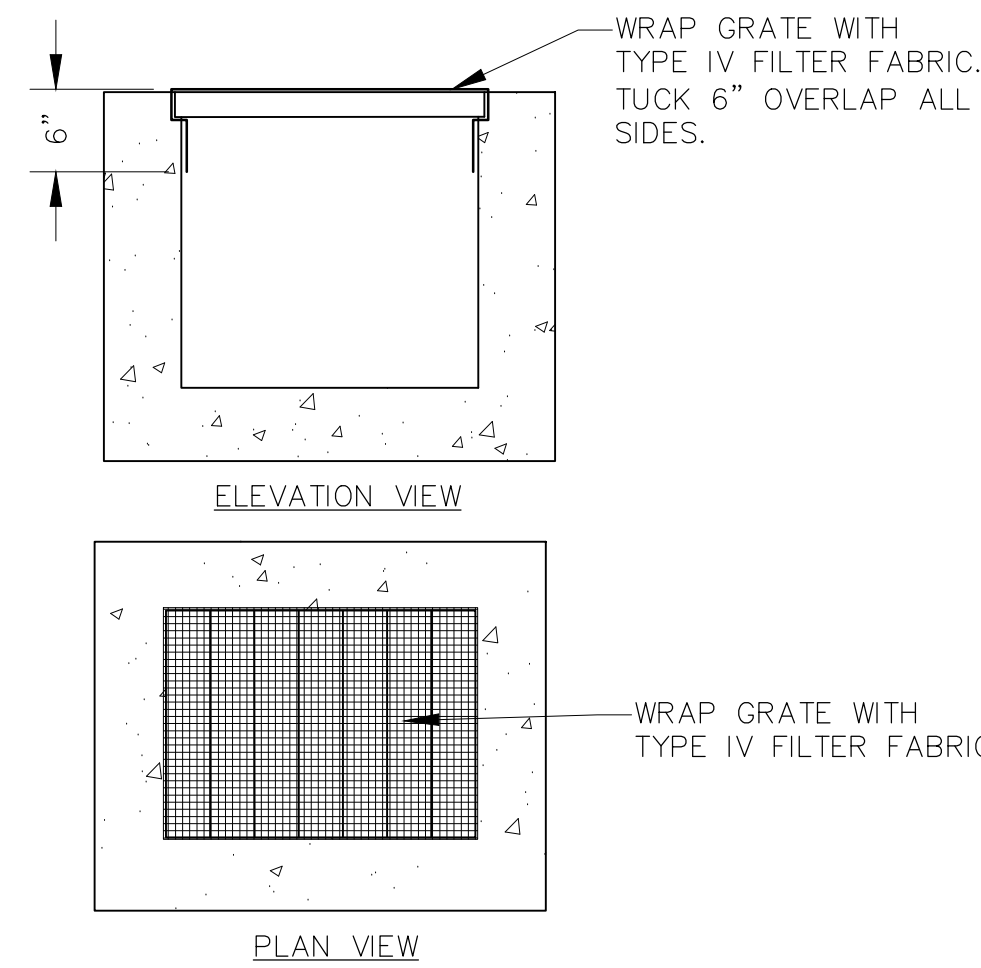
1. CONTRACTOR WILL BE RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION CONFERENCE WITH THE CITY OF TALLAHASSEE ENVIRONMENTAL INSPECTOR, LEON COUNTY, FLORIDA DEPARTMENT OF STATE, DIVISION OF HISTORICAL RESOURCES AND GENESIS GROUP PRIOR TO COMMENCEMENT OF ANY PROJECT RELATED ACTIVITIES. AT THIS TIME PRIOR TO ANY CONSTRUCTION THE PERMIT MUST BE POSTED WITHOUT NAILING TO ANY TREE ON SITE.
2. CONSTRUCT TREE PROTECTION BARRICADES AND SEDIMENT/EROSION CONTROLS. CLEARLY "FLAG" THE LIMITS OF CLEARING. CONSTRUCTION ACTIVITY SHALL NOT COMMENCE UNTIL THE SEDIMENTATION CONTROLS HAVE BEEN INSPECTED AND APPROVED BY THE CITY ENVIRONMENTAL INSPECTOR.
3. CLEAR AND GRUB ALL AREAS TO BE DISTURBED FOR CONSTRUCTION OF THE STORM WATER CONVEYANCE SYSTEM AND UTILITIES. STOCKPILE ALL TOPSOIL FOR REUSE IN THE DESIGNATED LOCATIONS PROTECTED WITH THE PROPER EROSION CONTROL MEASURES.
4. BEGIN CONSTRUCTING THE STORM WATER CONVEYANCE SYSTEM INCLUDING ALL PIPING AND INLETS. DO NOT CLEAR ANY OTHER AREAS UNTIL THE STORMWATER MANAGEMENT FACILITY HAS BEEN STABILIZED.
5. CLEAR THE REMAINING AREAS, INCLUDING DRIVES, AND CREATE DIVERSION CHANNELS IF NECESSARY TO DIRECT STORM WATER FLOW TO THE CONVEYANCE SYSTEM. CONSTRUCT HAY BALE CHECK DAMS WHERE NEEDED TO TRAP SEDIMENT BEFORE IT REACHES THE CONVEYANCE SYSTEM.
6. CONSTRUCT ALL UNDERGROUND UTILITIES SUCH AS SANITARY SEWER AND WATER SERVICES. CONTRACTOR SHALL COORDINATE THE CONSTRUCTION OF UTILITIES WITH THE LOCAL PROVIDERS AS LISTED ON SHEET 3. CONSTRUCT ALL OTHER IMPROVEMENTS SUCH AS CURB AND GUTTER, DRIVEWAYS AND SIDEWALKS IN ACCORDANCE WITH THE APPROVED CONSTRUCTION PLANS.
7. MILL AND RESURFACE ROADWAY AFTER CONSTRUCTION OF CONVEYANCE SYSTEM AND SIDEWALKS.
8. REMOVE ALL SEDIMENT/EROSION CONTROL DEVICES. ASSURE THAT REMAINING SEDIMENT WILL NOT BE REDISTRIBUTED BUT TAKEN OFF SITE AND DISPOSED OFF AT AN APPROVED LOCATION.
9. TWO WEEKS PRIOR TO FINAL INSPECTION CLOSEOUT, A CHECKLIST OBTAINED FROM GROWTH MANAGEMENT DEPARTMENT SHALL BE COMPLETED AND DOCUMENTS SHALL BE SUBMITTED TO CITY GROWTH MANAGEMENT FOR REVIEW AND COMMENT PER TLDC 5-62 AND 5-63.

MAINTENANCE AND INSPECTION SCHEDULE

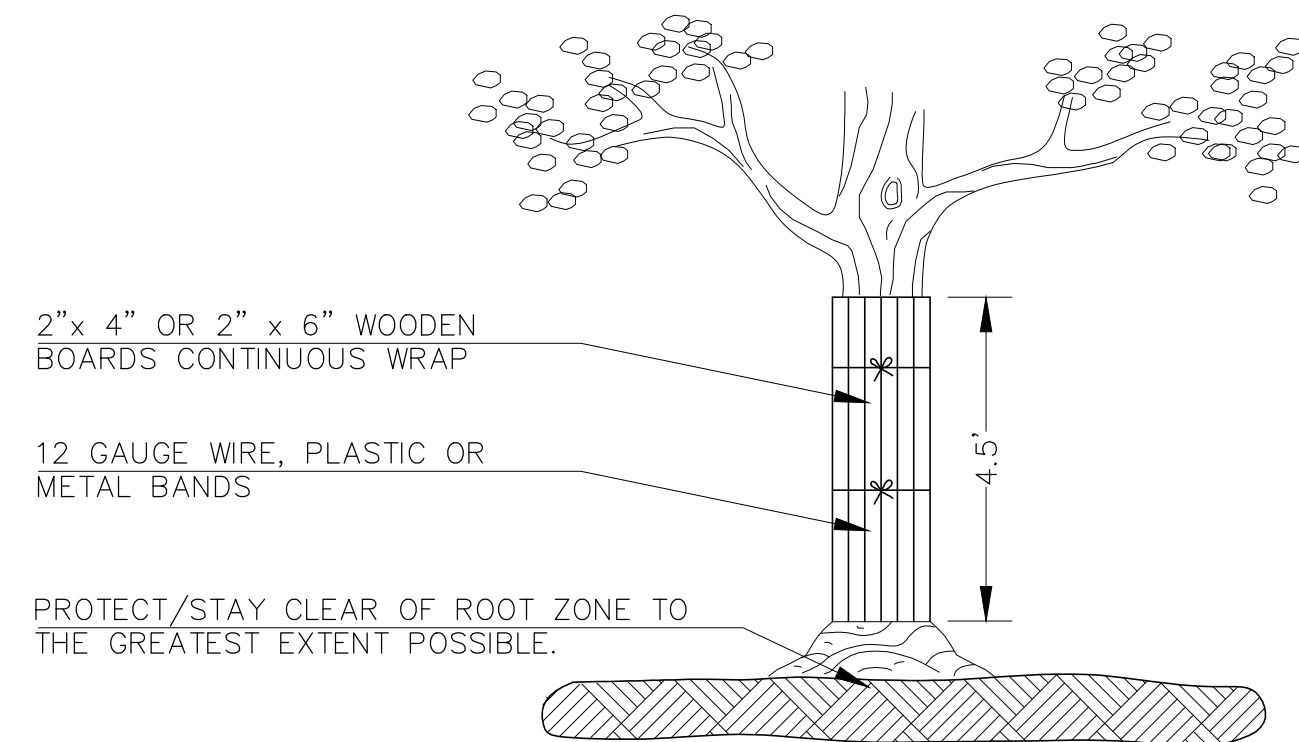
1. EROSION CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE A WEEK AND AFTER EVERY 1/2" RAINFALL EVENT. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY. SEDIMENT DEPOSITS SHALL BE REMOVED WHEN THEY REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
3. HAY BALES OR EQUIVALENT SHALL BE USED IN AREAS WHERE EFFECTIVENESS IS REQUIRED FOR LESS THAN 3 MONTHS. INSPECTION OF THE HAY BALES OR EQUIVALENT SHALL TAKE PLACE IMMEDIATELY AFTER EACH RAINFALL AND ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
4. INLET(S) SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAIN EVENT AND ANY REQUIRED REPAIRS TO THE INLET PROTECTION SILT FENCE OR FILTER FABRIC SHALL BE PERFORMED IMMEDIATELY. CONTRACTOR WILL ALSO BE RESPONSIBLE FOR INSPECTING INLETS WEST OF THE PROJECT AREA TO PREVENT SEDIMENT FROM ENTERING CAPITAL CASCADES. REMOVE ANY SEDIMENT ACCUMULATIONS FROM ALL DRAINAGE SYSTEMS.
5. BARE AREAS OF THE SITE THAT WERE PREVIOUSLY SEEDED SHALL BE RESEED PER MANUFACTURERS' INSTRUCTIONS.
6. MULCH AND SOD THAT HAS BEEN WASHED OUT SHALL BE REPLACED IMMEDIATELY. SOD ON STEEP SLOPES SHALL BE PINNED.
7. MAINTAIN ALL OTHER AREAS WITH PROPER CONTROLS AS NECESSARY.
8. IF PROPOSED EROSION AND SEDIMENTATION CONTROLS ARE FOUND INEFFECTIVE OR IN NEED OF MAINTENANCE, THE COT ENVIRONMENTAL INSPECTOR MAY DIRECT INSTALLATION OF ADDITIONAL MEASURES TO PROTECT THE ENVIRONMENT. THE ENGINEER SHALL FURNISH THE CONTRACTOR WITH INFORMATION PERTAINING TO THE CONSTRUCTION, OPERATION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROL PRACTICES PER FLORIDA ADMINISTRATIVE CODE CHAPTER 62-25.025(7).



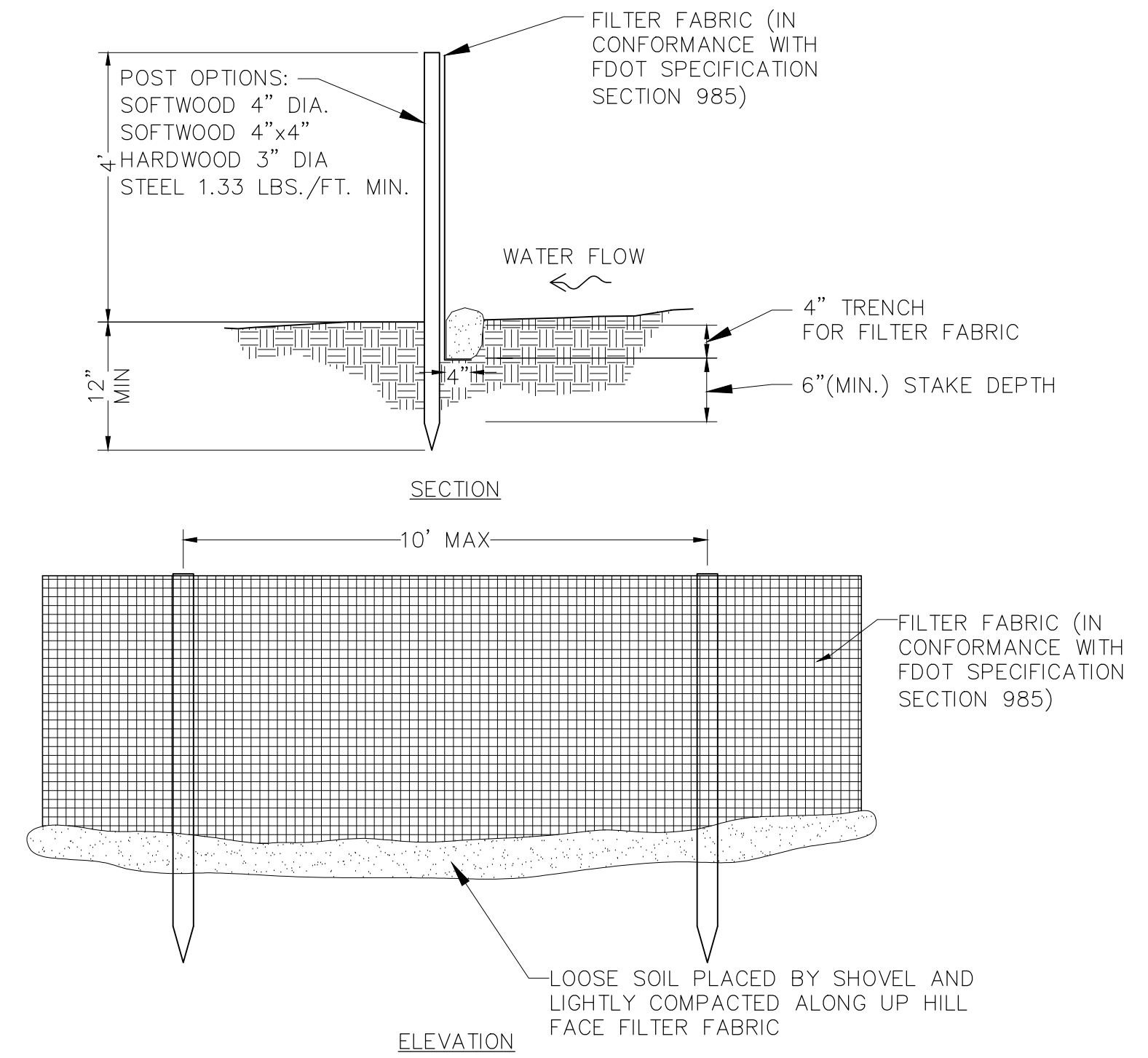
PROTECTION AROUND INLETS
NTS



INLET PROTECTION FOR STRUCTURES IN PAVEMENT
NTS

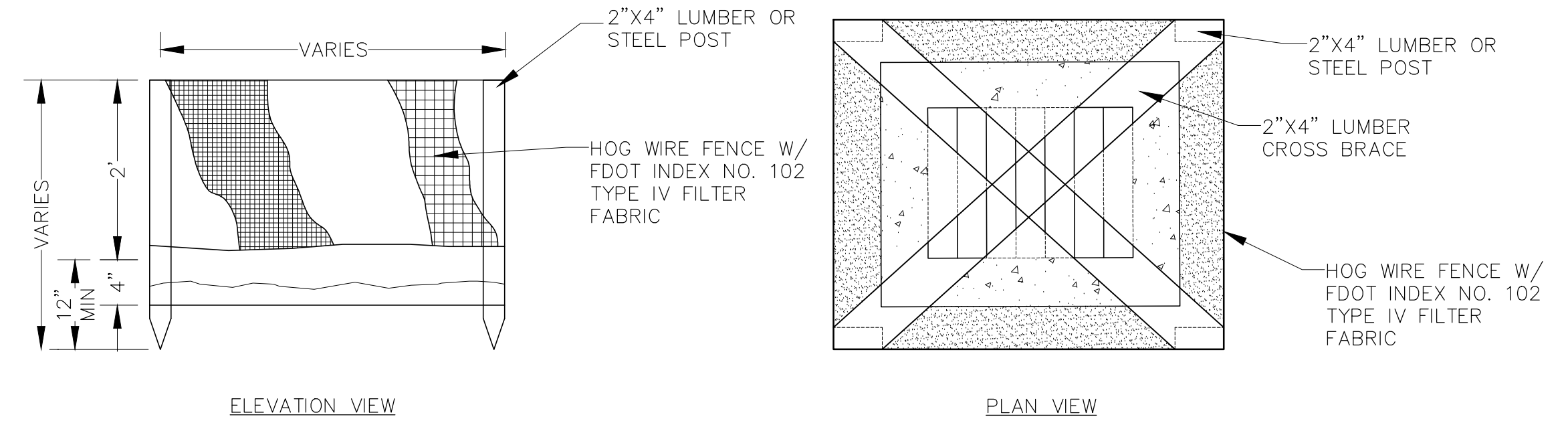


TREE TRUNK PROTECTION DETAIL
NTS

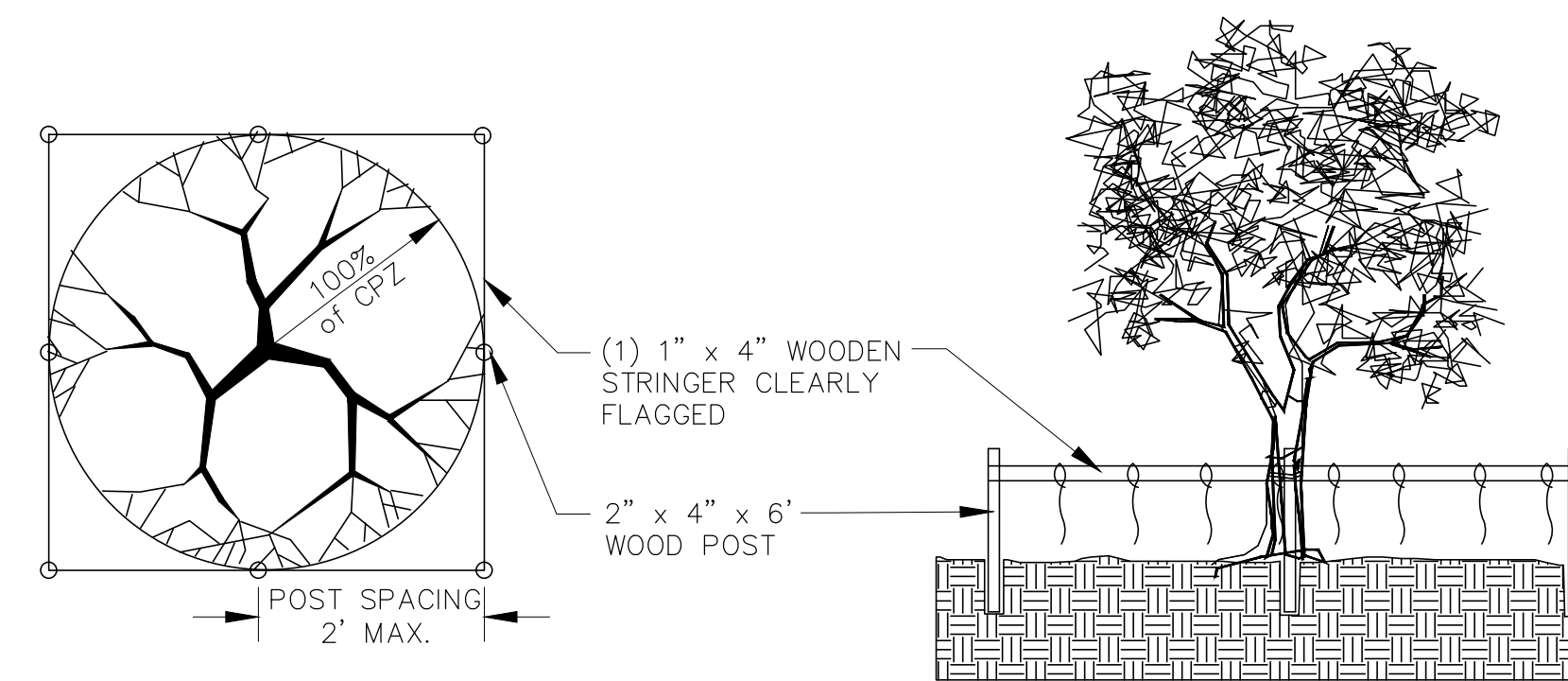


NOTE:
1. NO TRENCHING IS ALLOWED FOR INSTALLATION WITHIN THE CPZ OF PROTECTED TREES. FOLDING AND STAKING OR STAPLING IS APPROPRIATE FOR THESE AREAS.

STAKED BALE BARRIER WITH FILTER FABRIC
NTS



PROTECTION AROUND INLETS OR SIMILAR STRUCTURES
NTS



NOTE: THE TREE PROTECTION BARRICADE SHALL BE PLACED SO AS TO PROTECT 100% OF THE PROTECTED TREES' CRITICAL PROTECTION ZONE (CPZ) AS POSSIBLE WITHIN PROJECT LIMITS.

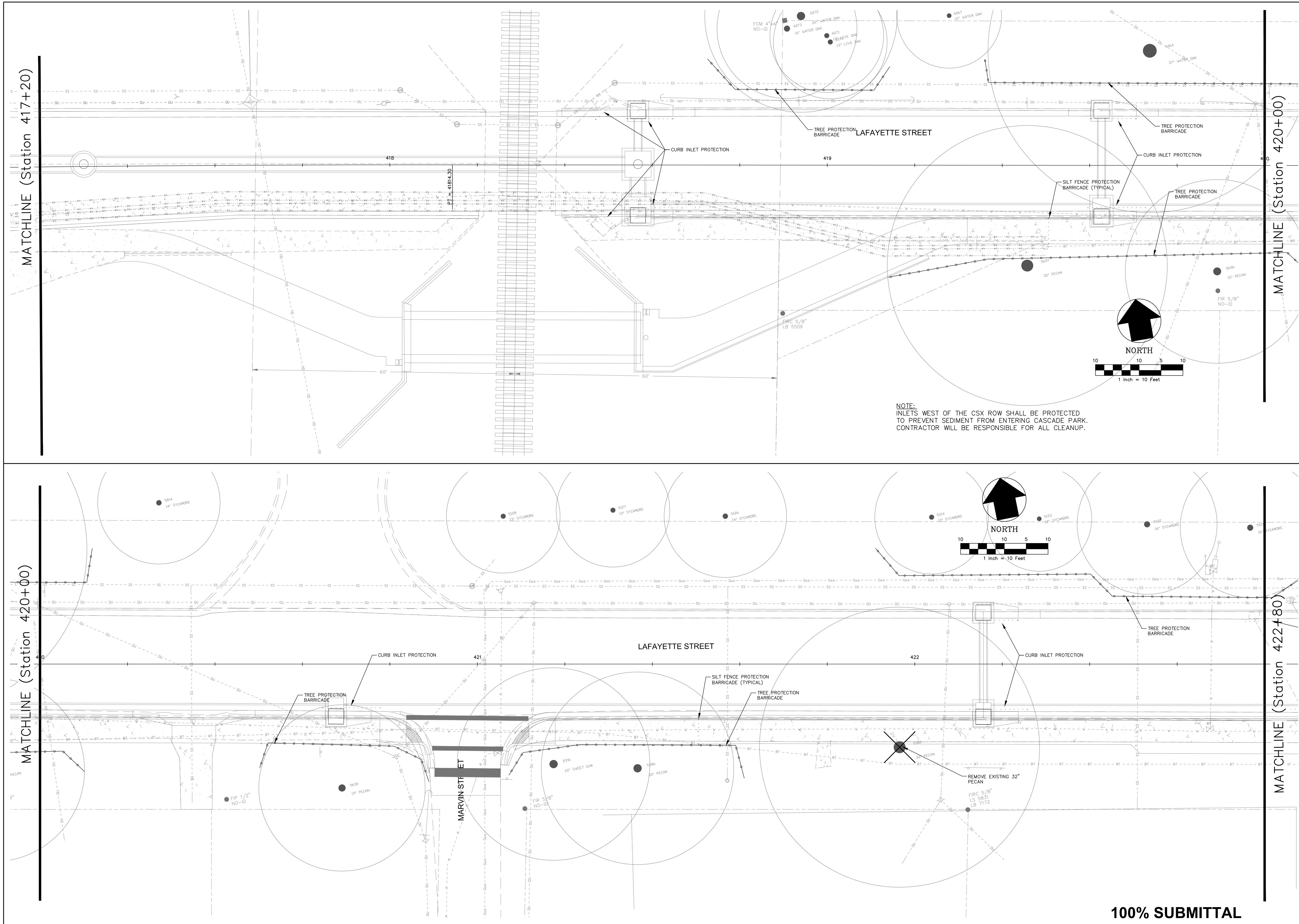
TREE PROTECTION BARRICADE
NTS

100% SUBMITTAL

November 21, 2012 (15:46:09 EST)
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NO.	DATE	DESCRIPTION	REVISIONS	
GGI, LLC dba GENESIS GROUP 2507 CALLAWAY ROAD, SUITE 100 TALLAHASSEE, FLORIDA 32303 (850) 224-4400 (850) 681-3600 FAX FROM VISION TO REALITY FL, CA 00009660 FL, LB 0006816 FL, LC 26000202			DESIGNED BY: A.O.A. CHECKED BY: J.P.S. DRAWN BY: S.R.W. SCALE: N.T.S. PROJECT NUMBER: LCP3-028 DATE: 11/19/2012	
GENESIS GROUP PREPARED FOR: LEON COUNTY			PUBLIC WORKS DEPARTMENT STREETS AND DRAINAGE	
EROSION CONTROL NOTES AND DETAILS			LAFAYETTE STREET STORMWATER CONVEYANCE	
SHEET TITLE			SHEET NUMBER	
PROJECT NAME			25	

November 21, 2012 (15:46:14 EST)
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NOTE:
 INLETS WEST OF THE CSX ROW SHALL BE PROTECTED
 TO PREVENT SEDIMENT FROM ENTERING CASCADE PARK.
 CONTRACTOR WILL BE RESPONSIBLE FOR ALL CLEANUP.

100% SUBMITTAL

MATCHLINE (Station 417+20)

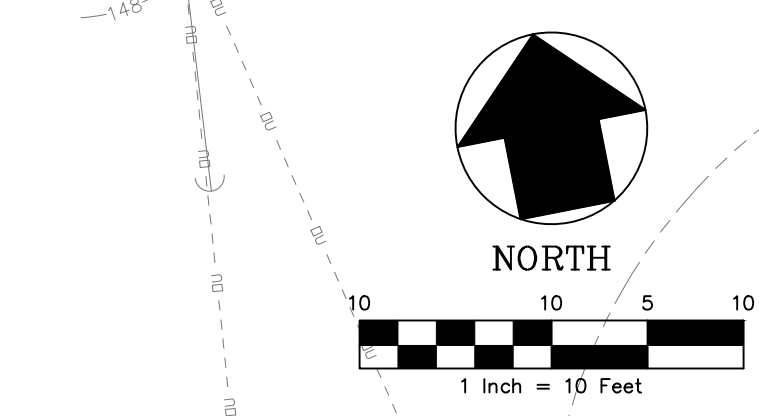
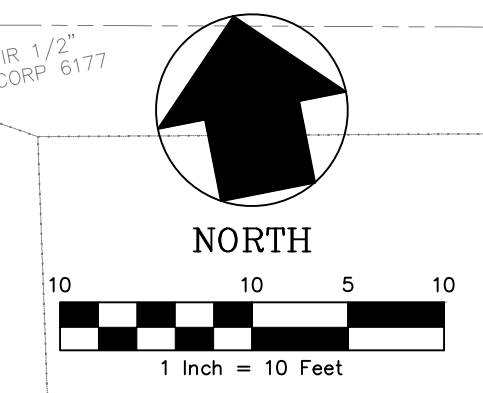
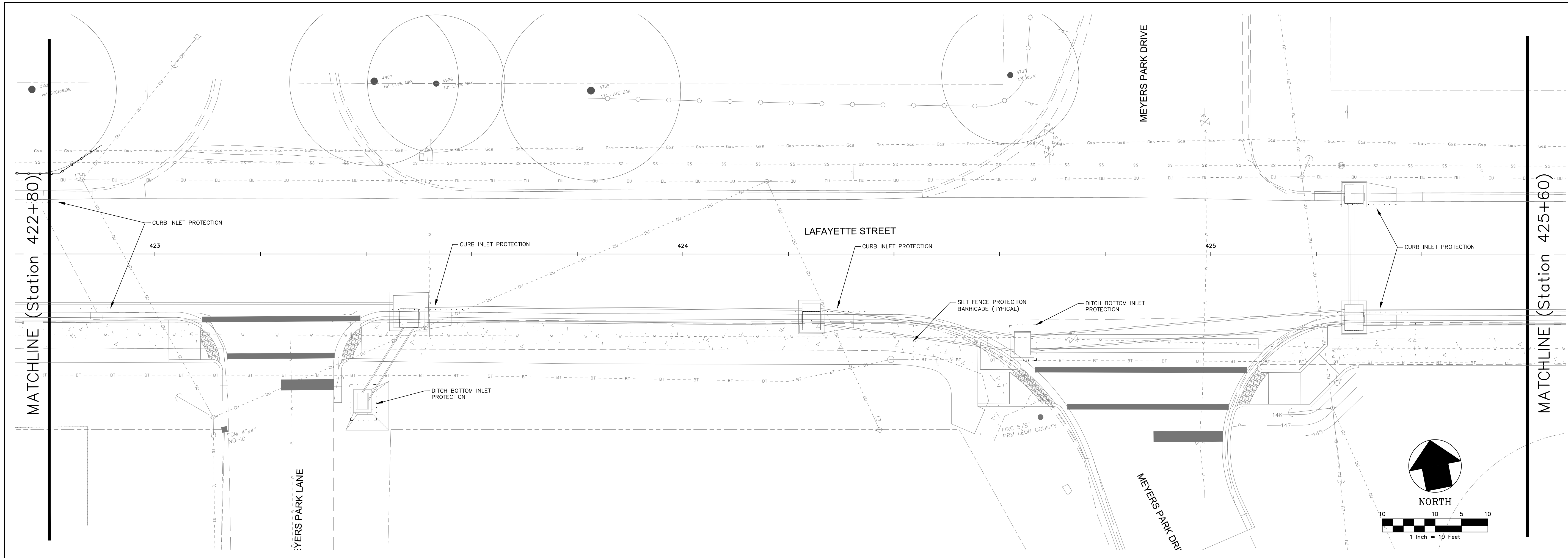
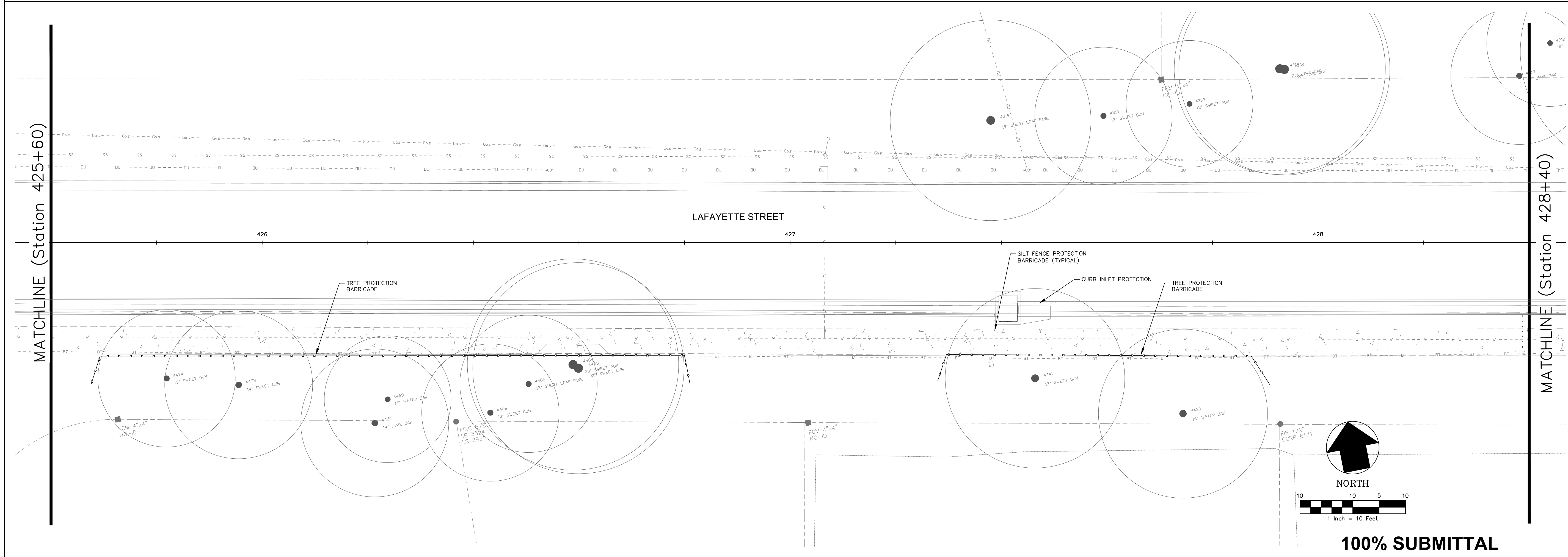
MATCHLINE (Station 420+00)

MATCHLINE (Station 420+00)

MATCHLINE (Station 422+80)

SHEET TITLE STORMWATER POLLUTION PREVENTION PLAN PROJECT NAME LAFAYETTE STREET STORMWATER CONVEYANCE		SHEET NUMBER 26	
NO. DATE DESCRIPTION REVISIONS		DESIGNED BY: A.O.A. CHECKED BY: J.P.S. PROJECT NUMBER: LCP3-028	
DRAWN BY: S.R.W. SCALE: 1" = 10'		DATE: 11/19/2012	
GGI, LLC dba GENESIS GROUP 2507 CALLAWAY ROAD, SUITE 100 TALLAHASSEE, FLORIDA 32303 (850) 224-4400 (850) 681-3600 FAX FROM VISION TO REALITY FL, CA 00009660 FL, LB 0006816 FL, LC 26000202			
GENESIS GROUP FROM VISION TO REALITY		PUBLIC WORKS DEPARTMENT STREETS AND DRAINAGE	
PREPARED FOR LEIN		SEAL James P. Sullivan, P.E. License Number: 42991	

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MATCHLINE (Station 425+60)

MATCHLINE (Station 422+80)

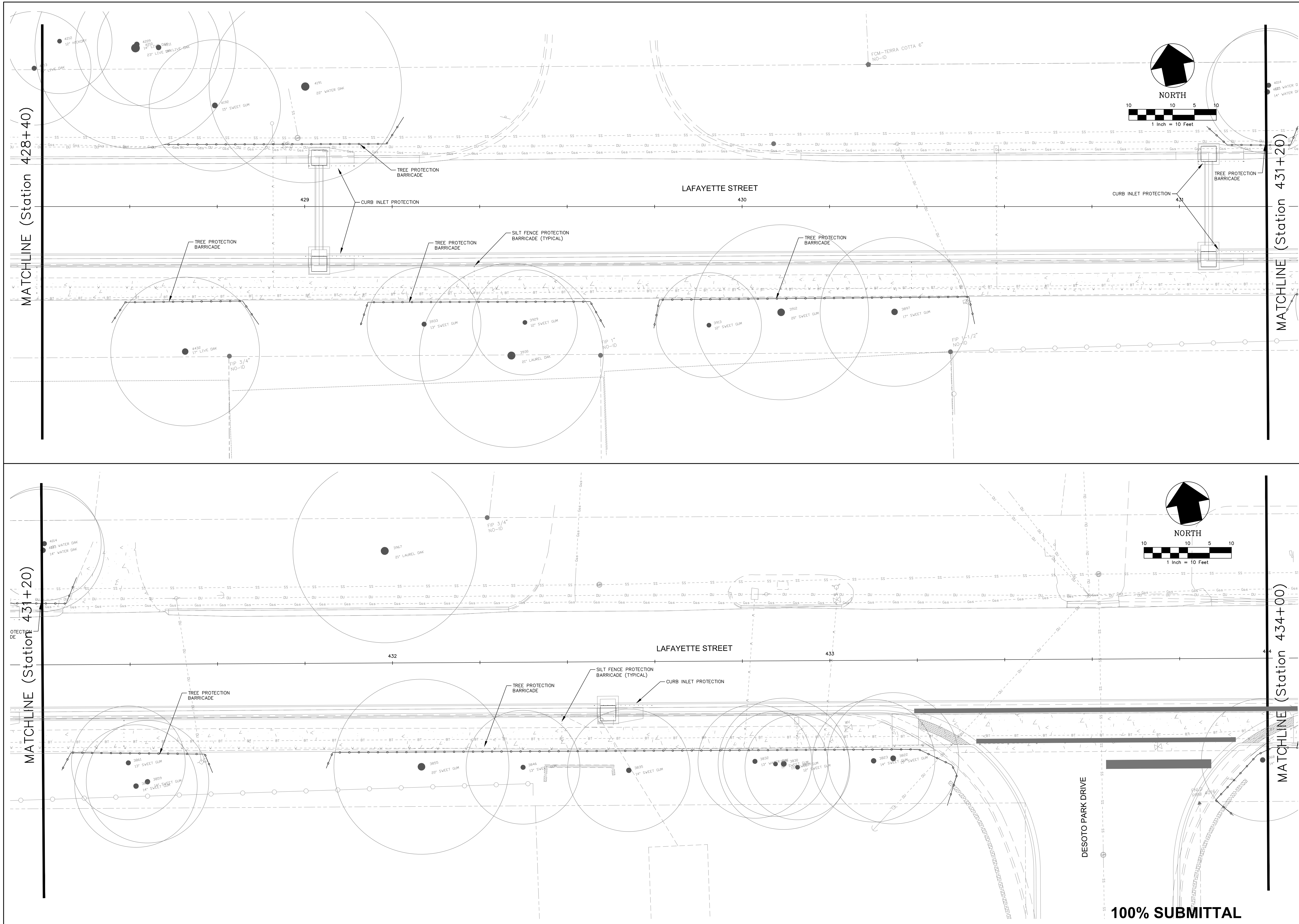
MATCHLINE (Station 428+40)

MATCHLINE (Station 425+60)

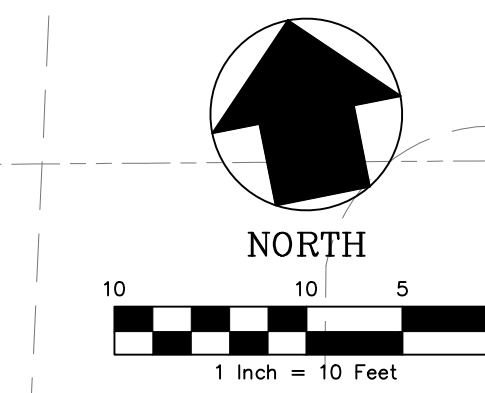
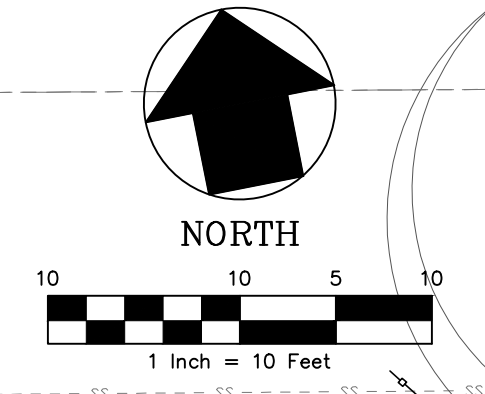
100% SUBMITTAL

SHEET TITLE STORMWATER POLLUTION PREVENTION PLAN	PROJECT NAME LAFAYETTE STREET STORMWATER CONVEYANCE	DESIGNED BY: A.O.A.	CHECKED BY: J.P.S.	PROJECT NUMBER: LCP3-028
		DRAWN BY: S.R.W.	SCALE: 1" = 10'	DATE: 11/19/2012
SEAL		REVISIONS		
GENESIS GROUP GGI, LLC dba GENESIS GROUP 2507 CALLAWAY ROAD, SUITE 100 TALLAHASSEE, FLORIDA 32303 (850) 224-4400 (850) 681-5600 FAX FROM VISION TO REALITY FL, CA 00009660 FL, LB 0006816 FL, LC 26000202		PUBLIC WORKS DEPARTMENT STREETS AND DRAINAGE		
PREPARED FOR Leon County James B. Sullivan, P.E. License Number: 42991				

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100% SUBMITTAL



MATCHLINE (Station 428+40)

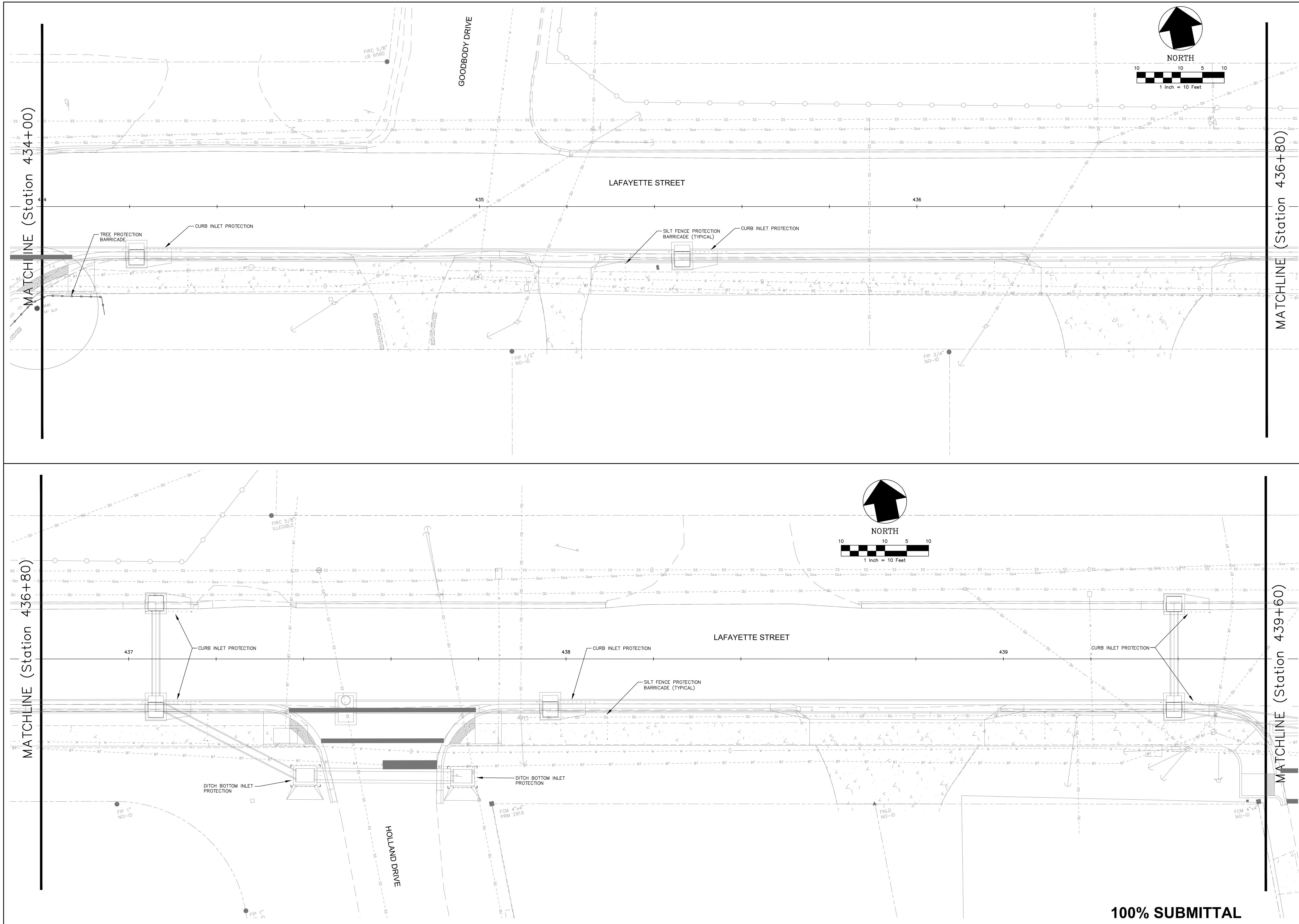
MATCHLINE (Station 431+20)

MATCHLINE (Station 431+20)

MATCHLINE (Station 434+00)


SHEET TITLE STORMWATER POLLUTION PREVENTION PLAN		SHEET NUMBER 28	
PROJECT NAME LAFAYETTE STREET STORMWATER CONVEYANCE		PREPARED FOR LEUM	
PROJECT NUMBER LCP3-028		DATE 11/19/2012	
CHECKED BY: J.P.S.		SCALE 1" = 10'	
DESIGNED BY: A.O.A.		DRAWN BY: S.R.W.	
REVISIONS			
NO.	DATE	DESCRIPTION	REVISIONS
GGI, LLC dba GENESIS GROUP 2507 CALLAWAY ROAD, SUITE 100 TALLAHASSEE, FLORIDA 32303 (850) 224-4400 (850) 681-5600 FAX FROM VISION TO REALITY FL, CA 00009660 FL, LB 0006816 FL, LC 26000202			
PUBLIC WORKS DEPARTMENT STREETS AND DRAINAGE			

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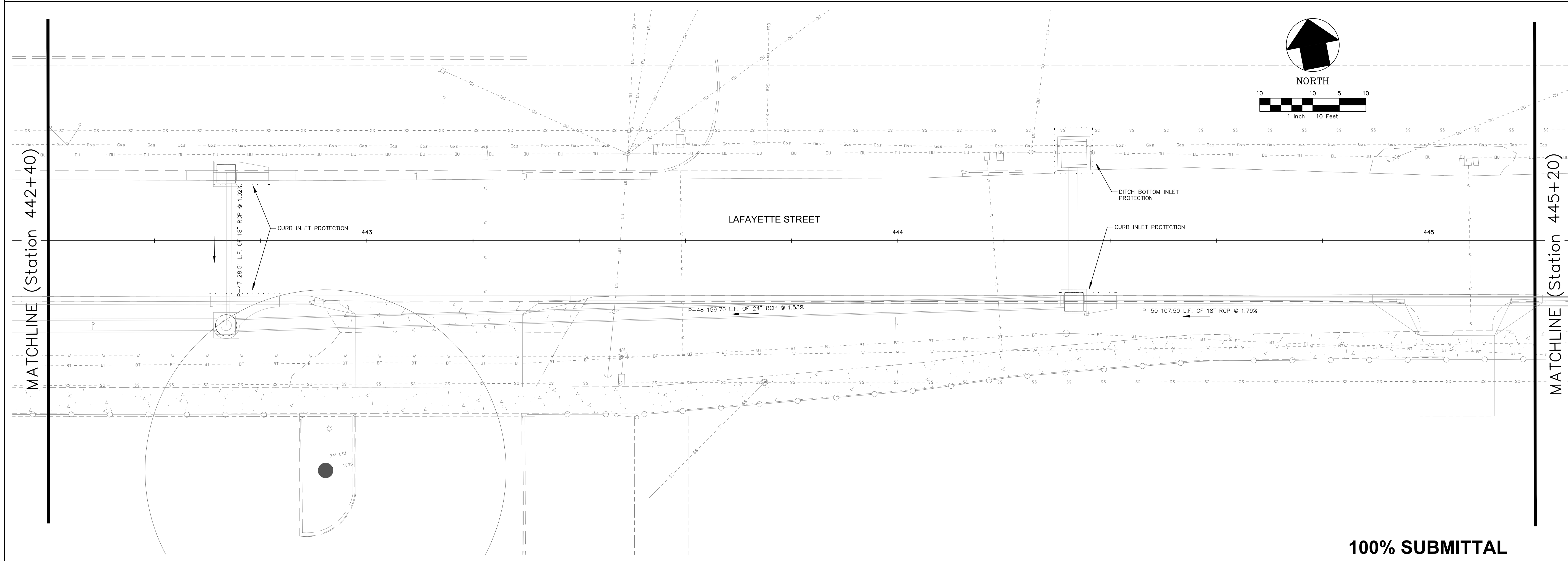
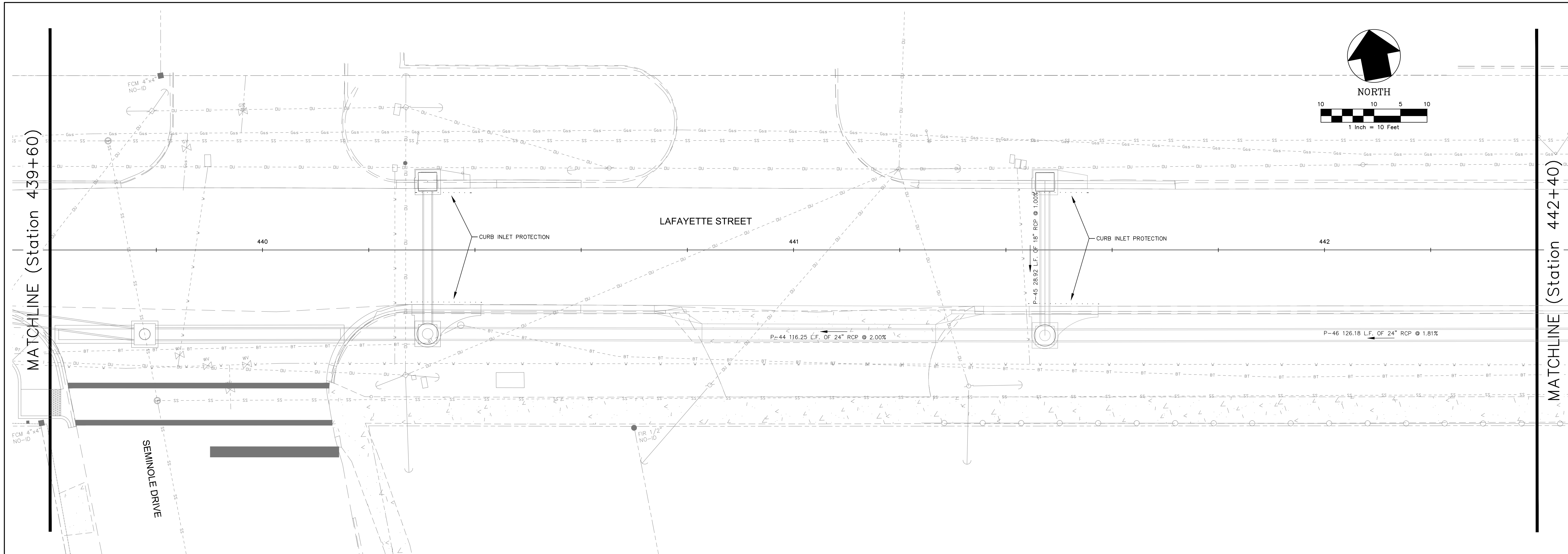


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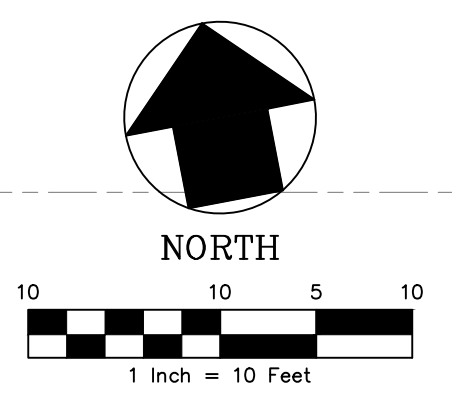
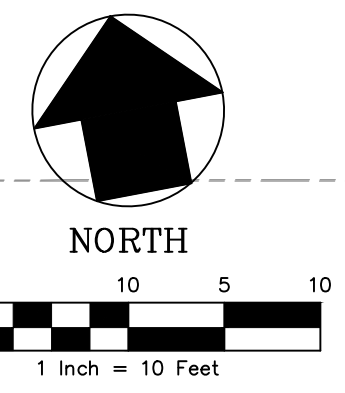
SHEET TITLE STORMWATER POLLUTION PREVENTION PLAN		SHEET NUMBER 29	
PROJECT NAME LAFAYETTE STREET STORMWATER CONVEYANCE		PREPARED FOR GENESIS GROUP <small>GGI, LLC dba GENESIS GROUP 2507 CALLAWAY ROAD, SUITE 100 TALLAHASSEE, FLORIDA 32303 (850) 224-4400 (850) 681-3600 FAX FROM VISION TO REALITY FL, CA 00009660 FL, LB 0006816 FL, LC 26000202</small>	
SCALE 1" = 10'		PREPARED BY <small>James P. Sullivan, P.E. License Number: 42391</small>	
PROJECT NUMBER LCP3-028		DATE 11/19/2012	
CHECKED BY J.P.S.		SCALE 1" = 10'	
DESIGNED BY A.O.A.		DRAWN BY S.R.W.	
REVISIONS			
NO.	DATE	DESCRIPTION	REVISIONS


GENESIS GROUP
 FROM VISION TO REALITY
 PUBLIC WORKS DEPARTMENT
 STREETS AND DRAINAGE

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100% SUBMITTAL



MATCHLINE (Station 439+60)

MATCHLINE (Station 442+40)

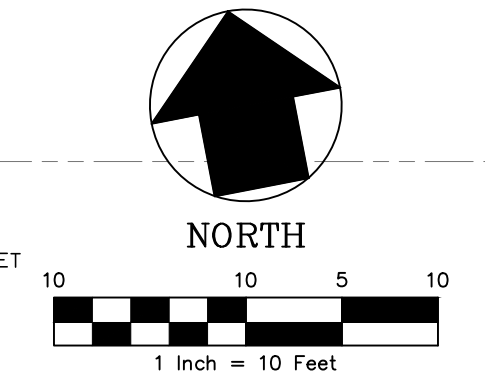
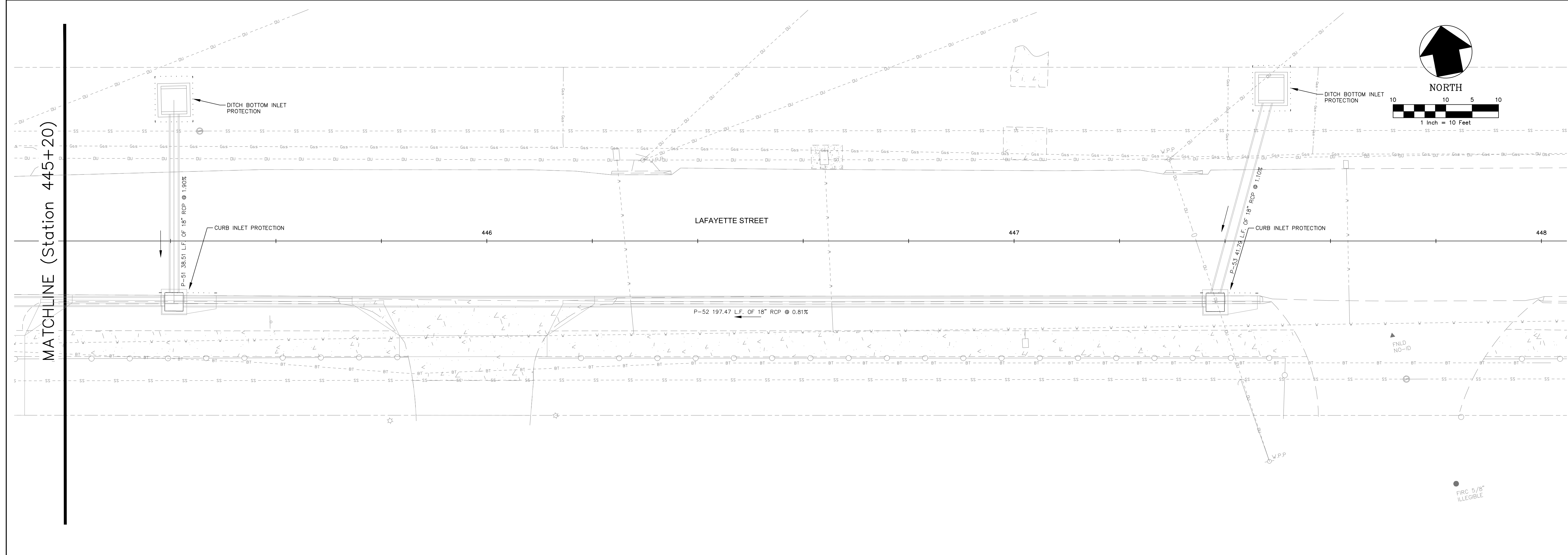
MATCHLINE (Station 442+40)

MATCHLINE (Station 445+20)

SHEET TITLE STORMWATER POLLUTION PREVENTION PLAN		SHEET NUMBER 30	
PROJECT NAME LAFAYETTE STREET STORMWATER CONVEYANCE		PROJECT NUMBER LCP3-028	
PREPARED FOR GENESIS GROUP FROM VISION TO REALITY		CHECKED BY: J.P.S.	
PUBLIC WORKS DEPARTMENT STREETS AND DRAINAGE		SCALE 1" = 10'	
SEAL James P. Sullivan, P.E. License Number: 42091		DATE 11/19/2012	
NO.	DATE	DESCRIPTION	REVISIONS

GGI, LLC dba GENESIS GROUP
 2507 CALLAWAY ROAD, SUITE 100
 TALLAHASSEE, FLORIDA 32303
 (850) 224-4400 (850) 681-3600 FAX
 FL.CA 00009660 FL.LB 0006816 FL.LC 26000202


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NO.	DATE	DESCRIPTION	REVISIONS

DESIGNED BY: **A.O.A.** CHECKED BY: **J.P.S.** PROJECT NUMBER: **LCP3-028**
 DRAWN BY: **S.R.W.** SCALE: **1" = 10'** DATE: **11/19/2012**

GENESIS GROUP
 GGI, LLC dba GENESIS GROUP
 2507 CALLAWAY ROAD, SUITE 100
 TALLAHASSEE, FLORIDA 32303
 (850) 224-4400 (850) 681-5600 FAX
 FROM VISION TO REALITY FL, CA 00009660 FL, LB 0006816 FL, LC 26000202

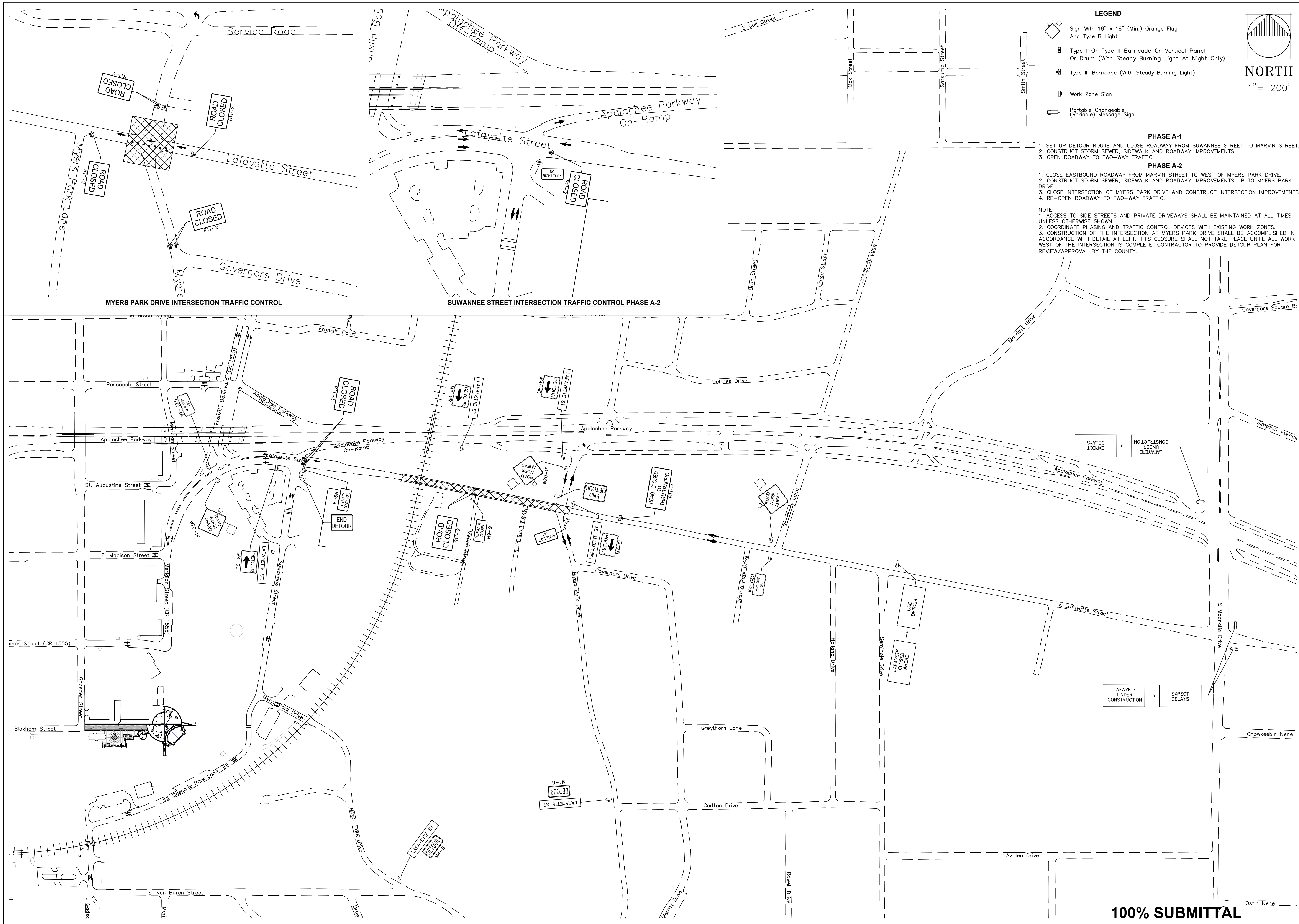
PREPARED FOR

 James P. Sullivan, P.E.
 License Number: 42991

STORMWATER POLLUTION PREVENTION PLAN
LAFAYETTE STREET
STORMWATER CONVEYANCE

SHEET TITLE: **STORMWATER POLLUTION PREVENTION PLAN**
 SHEET NUMBER: **31**

100% SUBMITTAL

November 21, 2012 (15:46:16 EST)
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LEGEND

- Sign With 18" x 18" (Min.) Orange Flag And Type B Light
- Type I Or Type II Barricade Or Vertical Panel Or Drum (With Steady Burning Light At Night Only)
- Type III Barricade (With Steady Burning Light)
- Work Zone Sign
- Portable Changeable (Variable) Message Sign

PHASE A-1

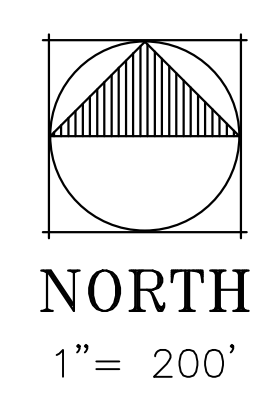
1. SET UP DETOUR ROUTE AND CLOSE ROADWAY FROM SUWANNEE STREET TO MARVIN STREET.
2. CONSTRUCT STORM SEWER, SIDEWALK AND ROADWAY IMPROVEMENTS.
3. OPEN ROADWAY TO TWO-WAY TRAFFIC.

PHASE A-2

1. CLOSE EASTBOUND ROADWAY FROM MARVIN STREET TO WEST OF MYERS PARK DRIVE.
2. CONSTRUCT STORM SEWER, SIDEWALK AND ROADWAY IMPROVEMENTS UP TO MYERS PARK DRIVE.
3. CLOSE INTERSECTION OF MYERS PARK DRIVE AND CONSTRUCT INTERSECTION IMPROVEMENTS.
4. RE-OPEN ROADWAY TO TWO-WAY TRAFFIC.

NOTE:

1. ACCESS TO SIDE STREETS AND PRIVATE DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE SHOWN.
2. COORDINATE PHASING AND TRAFFIC CONTROL DEVICES WITH EXISTING WORK ZONES.
3. CONSTRUCTION OF THE INTERSECTION AT MYERS PARK DRIVE SHALL BE ACCOMPLISHED IN ACCORDANCE WITH DETAIL AT LEFT. THIS CLOSURE SHALL NOT TAKE PLACE UNTIL ALL WORK WEST OF THE INTERSECTION IS COMPLETE. CONTRACTOR TO PROVIDE DETOUR PLAN FOR REVIEW/APPROVAL BY THE COUNTY.



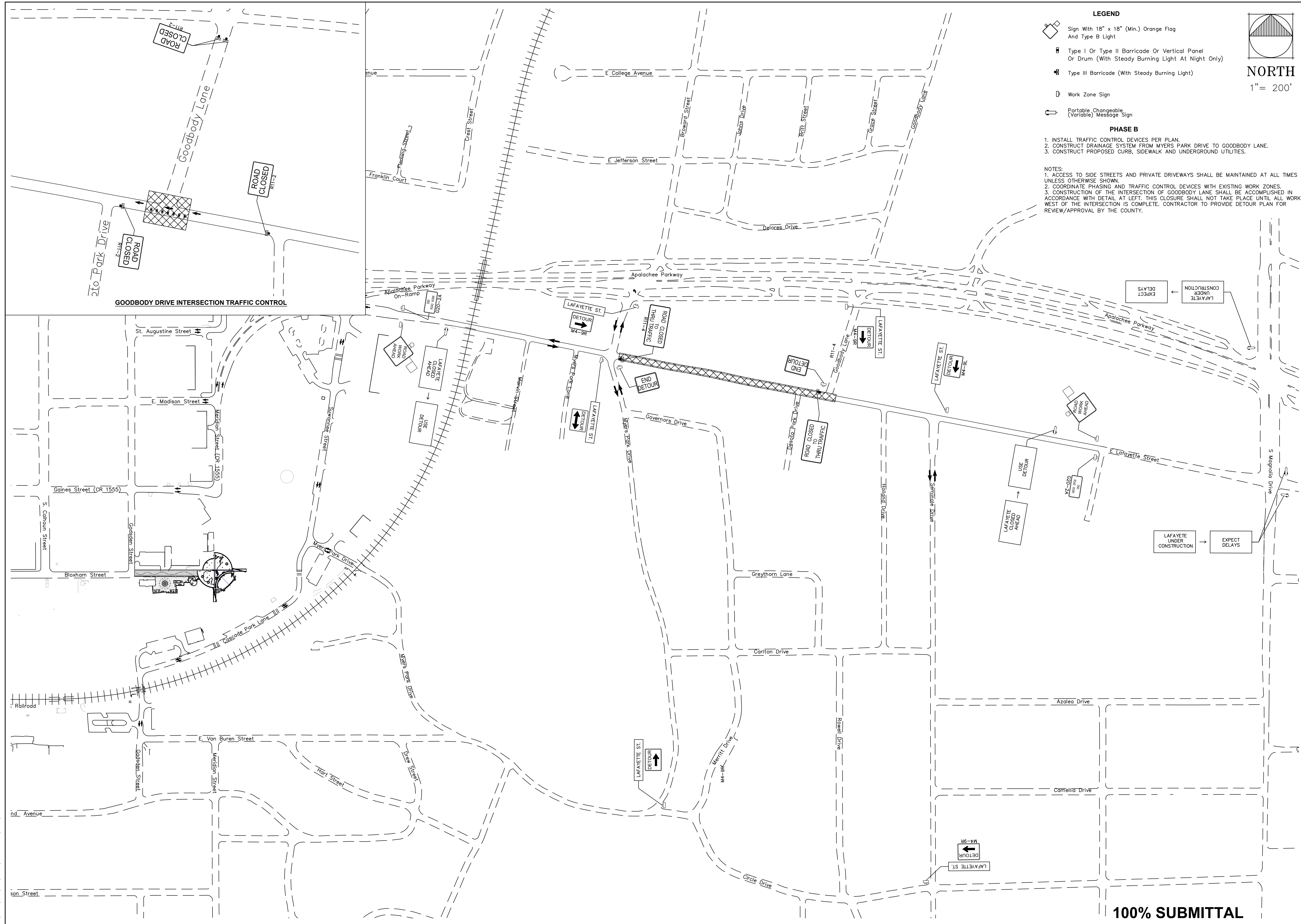
MYERS PARK DRIVE INTERSECTION TRAFFIC CONTROL

SUWANNEE STREET INTERSECTION TRAFFIC CONTROL PHASE A-2

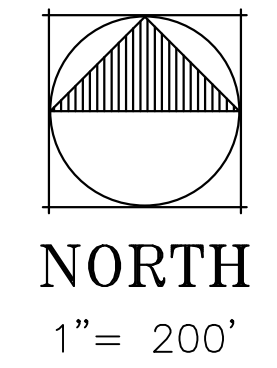
	NO.	DATE	DESCRIPTION	REVISIONS
<p>GENESIS GROUP FROM VISION TO REALITY</p> <p>GGI, LLC dba GENESIS GROUP 2507 CALLAWAY ROAD, SUITE 100 TALLAHASSEE, FLORIDA 32303 (850) 224-4400 (850) 681-3600 FAX FL CA 00009660 FL LB 0006816 FL LC 26000202</p>				
DESIGNED BY: A.O.A.		CHECKED BY: J.P.S.		PROJECT NUMBER: LCP3-028
DRAWN BY: S.R.W.		SCALE: 1" = 200'		DATE: 11/19/2012
<p>PUBLIC WORKS DEPARTMENT STREETS AND DRAINAGE</p>				
<p>SEAL</p> <p>James P. Sullivan, P.E. License Number: 42991</p>				
<p>MAINTENANCE OF TRAFFIC PLAN (PHASE A DETOUR)</p>				
<p>LAFAYETTE STREET STORMWATER CONVEYANCE</p>				
SHEET TITLE				SHEET NUMBER
PROJECT NAME				32

100% SUBMITTAL

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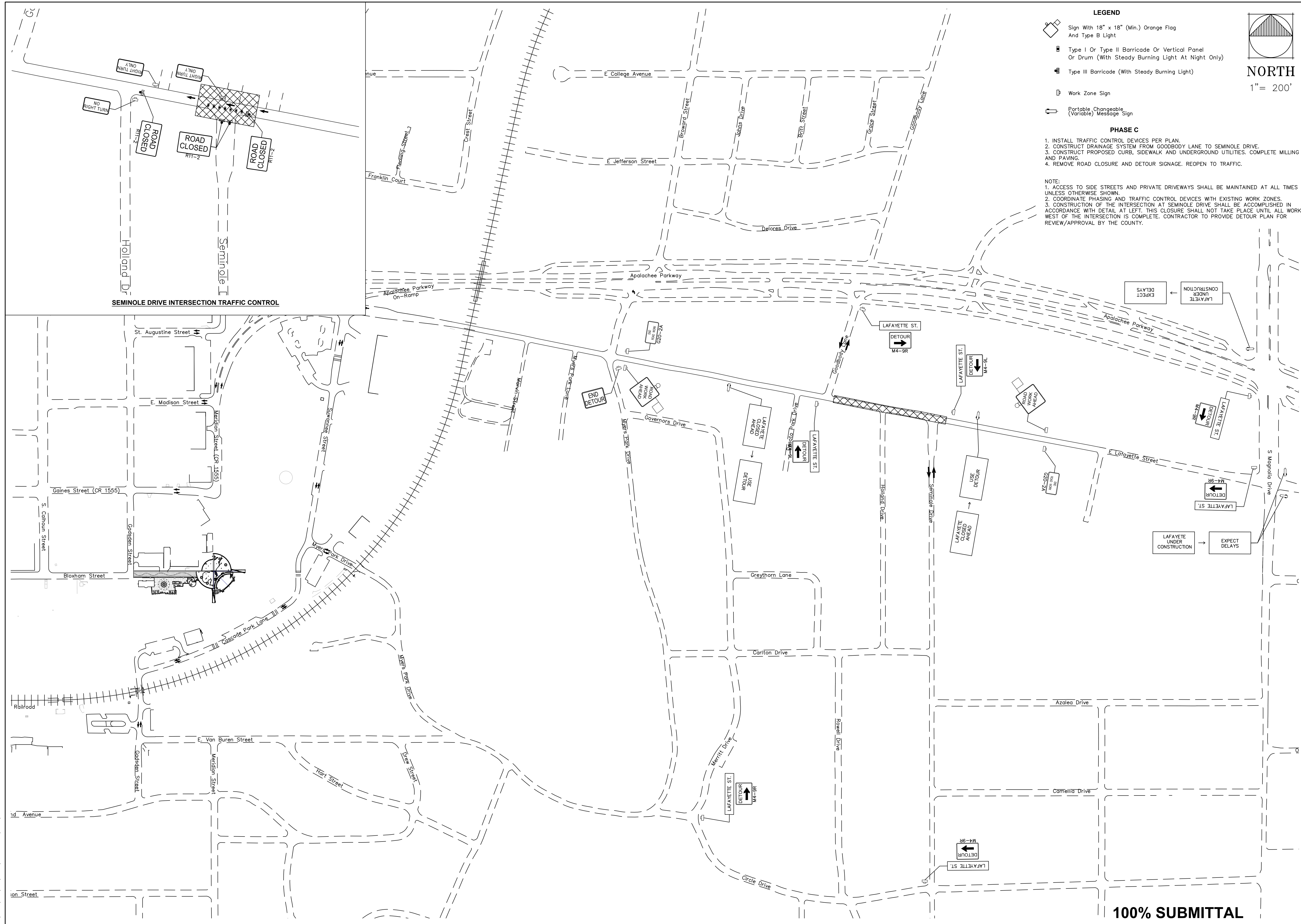


- LEGEND**
- Sign With 18" x 18" (Min.) Orange Flag And Type B Light
 - Type I Or Type II Barricade Or Vertical Panel Or Drum (With Steady Burning Light At Night Only)
 - Type III Barricade (With Steady Burning Light)
 - Work Zone Sign
 - Portable Changeable (Variable) Message Sign
- PHASE B**
1. INSTALL TRAFFIC CONTROL DEVICES PER PLAN.
 2. CONSTRUCT DRAINAGE SYSTEM FROM MYRS PARK DRIVE TO GOODBODY LANE.
 3. CONSTRUCT PROPOSED CURB, SIDEWALK AND UNDERGROUND UTILITIES.
- NOTES:**
1. ACCESS TO SIDE STREETS AND PRIVATE DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE SHOWN.
 2. COORDINATE PHASING AND TRAFFIC CONTROL DEVICES WITH EXISTING WORK ZONES.
 3. CONSTRUCTION OF THE INTERSECTION OF GOODBODY LANE SHALL BE ACCOMPLISHED IN ACCORDANCE WITH DETAIL AT LEFT. THIS CLOSURE SHALL NOT TAKE PLACE UNTIL ALL WORK WEST OF THE INTERSECTION IS COMPLETE. CONTRACTOR TO PROVIDE DETOUR PLAN FOR REVIEW/APPROVAL BY THE COUNTY.



NO.		DATE		DESCRIPTION		REVISIONS	
DESIGNED BY:		A.O.A.		CHECKED BY:		J.P.S.	
PROJECT NUMBER:		LCP3-028		DATE:		11/19/2012	
DRAWN BY:		S.R.W.		SCALE:		1" = 200'	
<p>GGI, LLC dba GENESIS GROUP 2507 CALLAWAY ROAD, SUITE 100 TALLAHASSEE, FLORIDA 32303 (850) 224-4400 (850) 681-3600 FAX FROM VISION TO REALITY FL, CA 00009660 FL, LB 0006816 FL, LC 26000202</p>				<p>GENESIS GROUP PUBLIC WORKS DEPARTMENT STREETS AND DRAINAGE</p>			
<p>MAINTENANCE OF TRAFFIC PLAN (PHASE B DETOUR)</p>				<p>LAFAYETTE STREET STORMWATER CONVEYANCE</p>			
<p>33</p>				<p>100% SUBMITTAL</p>			

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LEGEND

- Sign With 18" x 18" (Min.) Orange Flag And Type B Light
- Type I Or Type II Barricade Or Vertical Panel Or Drum (With Steady Burning Light At Night Only)
- Type III Barricade (With Steady Burning Light)
- Work Zone Sign
- Portable Changeable (Variable) Message Sign

PHASE C

- INSTALL TRAFFIC CONTROL DEVICES PER PLAN.
- CONSTRUCT DRAINAGE SYSTEM FROM GOODBODY LANE TO SEMINOLE DRIVE.
- CONSTRUCT PROPOSED CURB, SIDEWALK AND UNDERGROUND UTILITIES. COMPLETE MILLING AND PAVING.
- REMOVE ROAD CLOSURE AND DETOUR SIGNAGE. REOPEN TO TRAFFIC.

NOTE:

- ACCESS TO SIDE STREETS AND PRIVATE DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE SHOWN.
- COORDINATE PHASING AND TRAFFIC CONTROL DEVICES WITH EXISTING WORK ZONES.
- CONSTRUCTION OF THE INTERSECTION AT SEMINOLE DRIVE SHALL BE ACCOMPLISHED IN ACCORDANCE WITH DETAIL AT LEFT. THIS CLOSURE SHALL NOT TAKE PLACE UNTIL ALL WORK WEST OF THE INTERSECTION IS COMPLETE. CONTRACTOR TO PROVIDE DETOUR PLAN FOR REVIEW/APPROVAL BY THE COUNTY.

SEMINOLE DRIVE INTERSECTION TRAFFIC CONTROL

100% SUBMITTAL

NO.	DATE	DESCRIPTION	REVISIONS

DESIGNED BY:	A.O.A.	CHECKED BY:	J.P.S.	PROJECT NUMBER:	LCP3-028
DRAWN BY:	S.R.W.	SCALE:	1" = 200'	DATE:	11/19/2012

<p>GGI, LLC dba GENESIS GROUP 2507 CALLAWAY ROAD, SUITE 100 TALLAHASSEE, FLORIDA 32303 (850) 224-4400 (850) 681-3600 FAX FROM VISION TO REALITY FL, CA 00009660 FL, LB 0006816 FL, LC 26000202</p>	<p>GENESIS GROUP</p>	<p>PUBLIC WORKS DEPARTMENT STREETS AND DRAINAGE</p>
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<p>SEAL</p> <p>James P. Sullivan, P.E. License Number: 42991</p>	<p>MAINTENANCE OF TRAFFIC PLAN (PHASE C DETOUR)</p>
<p>LAFAYETTE STREET STORMWATER CONVEYANCE</p>	<p>34</p>

LAFAYETTE STREET STORMWATER CONVEYANCE WATER & WASTEWATER ADJUSTMENT CONTRACT PLANS

PREPARED BY: **WATER RESOURCES ENGINEERING DIVISION**
City of Tallahassee
UNDERGROUND UTILITIES DEPARTMENT
Under a Joint Project Agreement with Leon County

WATER & WASTEWATER ADJUSTMENT CONTRACT PLANS

ABBREVIATIONS

&	And	G	Gas Line	R/W or	Right Of Way
@	Angle	GA	Gauge	ROW	Retaining Wall
∅	Approximate	GAL	Gallon	RTW	Resilient Wedge Gate Valve
∅	Diameter	GALV	Galvanized	RWGV	
Δ	Delta Angle	GP	Guy Pole	S	Slope
ABC	Asphalt Base Course	GPM	Gallons Per Minute	SAN	Sanitary
ABD	Abandoned	GR	Grade	SC	Saddle Connection
AC or ASPH CONC	Asphaltic Concrete	GRD	Ground	SCHED	Schedule
ADJ	Adjust	GV	Gate Valve	SD	Storm Drain
ALUM	Aluminum	HC	Horizontal Clearance	SDMH	Storm Drain Manhole
AM	12:00 Midnight Until 11:59 Noon	HORIZ	Horizontal	SF	Square Feet
ANSI	American National Standards Institute	HP	High Point	SERV	Service
APPROX	Approximate	HW	Head Wall	SHLDR	Shoulder
ASB	Asbestos	HWY	Highway	SHT	Sheet
ASPH	Asphalt	ID	Inside Diameter	SIM	Similar
ASSEM	Assembly	IE	Invert Elevation	SPEC	Specification(s)
ASTM	American Society for Testing and Materials	IN	Inch, Inches	SR	State Road
AVE	Avenue	INCL	Include	SS	Sanitary Sewer
AWWA	American Water Works Association	INV	Invert	SSMH	Sanitary Sewer Manhole
BALV	Ball Valve	ISECT	Intersection	STA	Station
BDR	Border	JCT	Junction	STD	Standard
BE	Buried Electric	JT	Joint	STL	Steel
BFO	Buried Fiber Optic	LB	Pound	STR	Structure
BITUM	Bituminous	JT	Joint	SUR	Survey
BL	Base Line	LGTH	Length	SW	Sidewalk
BLDG	Building	LIN	Linear, Lineal	SY	Square Yard
BLVD	Boulevard	LN	Lane	TAB	Top and Bottom
BM	Benchmark, Beam	LP	Light Pole	TBM	Temporary Bench Mark
BNDRY	Boundary	LS	Lump Sum	TCE	Temporary Construction Easement
BOF	Bottom of Footing	LT	Left	TELE	Telephone
BOT	Bottom	LT	Left	TMH	Telephone Manhole
BP	Brace Pole	MAX	Maximum	TOC	Top of Curb
BT	Buried Telephone Cable or Duct	MB	Mail Box	TOG	Top of Grate
BUTTV	Butterfly Valve	MES	Mitered End Section	TP	Telephone Pole
BW	Both Ways	MH	Manhole	T-PED	Telephone Pedestal
		MN	Minimum	T-RPR	Telephone Repeater
		MON	Monument	TSSV	Tapping Sleeve and Valve
		MOT	Maintenance Of Traffic	TTCP	Temporary Traffic Control Plan
		MP	Mile Post	TYP	Typical
		MUTCD	Manual On Uniform Traffic Control Devices	UG	Underground
		N	North	USGS	United States Geological Survey
		NO	No	VCP	Vertical Clay Pipe
		NAVD	National American Vertical Datum	VERT	Vertical
		N&C	Nail and Cap	VF	Vertical Foot
		NGS	National Geodetic Survey	VOL	Volume
		NGVD	National Geodetic Vertical Datum of 1929	VVH	Verified Horizontal and Vertical Location
		NIC	Not In Contract	W	Water Line, West, Width
		NPDES	National Pollutant Discharge Elimination System	W	With
		NTS	Not To Scale	WM	Water Meter
		OC	On Center	W/O	Without
		OD	Outside Diameter	W/W	Welded Wire Fabric
		OE	Overhead Electric Line	X	Coordinate Value (East-West Direction)
		OHD	Overhead	Y	Coordinate Value (North-South Direction)
		OPT	Option, Optional	YR	Year
		OT	Overhead Telephone Line		
		P	Pump		
		PCC	Portland Cement Concrete		
		PE	Professional Engineer		
		PGL	Profile Grade Line		
		PKWY	Parkway		
		PL	Property Line		
		PM	12:00 Noon Until 11:59 Midnight		
		POB	Point of Beginning		
		POC	Point of Commencement		
		PP	Power Pole		
		PROV	Provisions		
		PSF	Pound-Force Per Square Foot		
		PSI	Pound-Force Per Square Inch		
		PVC	Polyvinyl Chloride		
		PVMT	Pavement		
		R	Radius		
		RCP	Reinforced Concrete Pipe		
		RD	Road		
		RDR	Reducer		
		REF	Reference		
		REINF	Reinforcement		
		RELOC	Relocate		
		REM	Remove		
		REPL	Replace		
		REQD	Required		
		REV	Revision		
		RM	Reference Monument		
		RP	Reference Point		
		RR	Railroad		
		RSF	Resurfacing		
		RT	Right		

INDEX OF SHEETS	
SHT No.	DESCRIPTION
1	COVER SHEET (TITLE, NOTES, LEGEND & ABBREVIATIONS)
U-1	WATER & WASTEWATER ADJUSTMENT CONTRACT PLAN & PROFILE- STA. 417+20 TO 420+00
U-2	WATER & WASTEWATER ADJUSTMENT CONTRACT PLAN & PROFILE- STA. 420+00 TO 422+80
U-3	WATER & WASTEWATER ADJUSTMENT CONTRACT PLAN & PROFILE- STA. 422+80 TO 425+60
U-4	WATER & WASTEWATER ADJUSTMENT CONTRACT PLAN & PROFILE- STA. 425+60 TO 428+40
U-5	WATER & WASTEWATER ADJUSTMENT CONTRACT PLAN & PROFILE- STA. 428+40 TO 431+20
U-6	WATER & WASTEWATER ADJUSTMENT CONTRACT PLAN & PROFILE- STA. 431+20 TO 434+00
U-7	WATER & WASTEWATER ADJUSTMENT CONTRACT PLAN & PROFILE- STA. 434+00 TO 436+80
U-8	WATER & WASTEWATER ADJUSTMENT CONTRACT PLAN & PROFILE- STA. 436+80 TO 439+60
U-9	WATER & WASTEWATER ADJUSTMENT CONTRACT PLAN & PROFILE- STA. 439+60 TO 442+40
U-10	DETAILS SPECIAL CONSTRUCTION

Note: The scale of these sheets may have changed due to reproduction.

LEGEND

— OE —	Proposed Overhead Electrical
— BE —	Proposed Buried Electric
— OE/OT —	Proposed Overhead Electric/Overhead Telephone
— T —	Proposed Telephone
— BFO —	Proposed Buried Fiber Optic
— G —	Proposed Gas
— SS —	Proposed Sanitary Sewer Gravity Main
— SSFM —	Proposed Sanitary Sewer Force Main
— SL —	Proposed Sanitary Sewer Lateral
— W —	Proposed Water
— WS —	Proposed Water Service
— RECLAIM —	Proposed Reclaimed Water
— OE —	Existing Overhead Electrical
— BE —	Existing Buried Electric
— OE/OT —	Existing Overhead Electric/Overhead Telephone
— T —	Existing Telephone
— BFO —	Existing Buried Fiber Optic
— G —	Existing Gas
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— SSFM —	Existing Sanitary Sewer Force Main
— SL —	Existing Sanitary Sewer Lateral
— W —	Existing Water
— WS —	Existing Water Service
— RECLAIM —	Existing Reclaimed Water

EXISTING

	Water Meter
	Water Valve
	Fire Hydrant
	Sanitary Sewer Manhole
	Gas Valve

	Power Pole
	Storm Drain Manhole
	Telephone Manhole
	Electric Manhole
	Telephone Pedestal

PROPOSED

	Water Meter
	Water Valve
	Fire Hydrant
	Sanitary Sewer Manhole
	Sanitary Sewer Cleanout

Bid Item Instructions (See table on each sheet)

(1500J) Install 8" DIP Water Pipe, LF

GENERAL

- All water and wastewater utility work shall be constructed in accordance with the City of Tallahassee's Standard Specification for the Design and Construction of Water and Wastewater Facilities June 2010 edition and addenda thereto. References to "Standard Drawings" shall mean those found in the City of Tallahassee Standard Specifications for Design and Construction of Water and Wastewater Facilities (June 2010 edition).
- All existing utilities are shown at approximate locations and depths are based on the best available records and limited field data. The City does not certify that all utilities are shown. The Contractor shall verify exact locations, sizes, and depths of existing utilities before beginning construction (including ordering of pre-cast manholes and concrete pipe if applicable). NO SEPARATE PAY ITEM.
- The Contractor shall coordinate all tie-ins with the designated City of Tallahassee Inspector.
- The Contractor shall ensure that existing fire hydrants are accessible to fire trucks at all times.
- CAUTION! Existing underground utilities involved. Call Sunshine 811 at 1-800-432-4770 or 811 two full business days prior to any excavation work for the location of any underground utilities involved in the area. NO SEPARATE PAY ITEM.
- The Contractor is responsible for the protection of ALL existing utilities and utility structures. Power poles may have to be braced at Contractor's expense. Contractor shall support underground utilities when excavating or constructing under said utilities. NO SEPARATE PAY ITEM.
- All items of work required to complete the work as shown or implied by the Plans and specified in the Contract Documents which are not listed as a pay item in the proposal shall be considered incidental.

WATER

- The existing water main is to be used as a service main until the proposed main has been tested, approved, and placed in service.
- Remove all valves on abandoned water mains as indicated on the Plans.
- Where indicated on the Plans, the Contractor shall salvage valves and fire hydrants and deliver them to the City's Water Operation Yard on Jackson Bluff Road Monday through Friday between 8 a.m. and 4 p.m. Contact Steve Walker (850) 891-5690 or Keith Shannon (850) 891-5158; one business day prior to delivery.
- All bends, tees, fire hydrant appurtenances, and plugs shall employ commercial restraint devices in accordance with the details indicated in the Plans.
- All water services shall be replaced from the proposed water main to the meter, clearing all existing and proposed utilities and pavement. Relocate and reset all water meters as required and reconnect to existing house services. Install water deadheads to unimproved lots.
- Fire hydrants lead and barrels shall be set to grades established for the proposed paving. If the hydrant is not accessible because of existing ground conditions, the hydrant shall be raised with extension(s) as directed by the City Inspector.
- The Contractor shall sequence construction operations such that no more than one fire hydrant is out of service at any given time.
- If required by the City Inspector, the Contractor shall install temporary water lines on both sides of the street until the new water main has been completed, tested, approved, and accepted by the City Inspector. NO SEPARATE PAY ITEM.
- New or reconnected water service piping shall be a minimum of 1 inch in diameter.

WASTEWATER

- The Contractor shall verify the location of all existing wastewater laterals and construct new laterals from the wastewater main to the property line including adding a new two-way cleanout and casting. Reconnect new lateral piping to existing laterals for all existing buildings.
- The Contractor shall maintain existing wastewater service and flow at all times. NO SEPARATE PAY ITEM.
- Prior the reconstruction of wastewater laterals, the Contractor shall verify whether the existing laterals are active or inactive. The Contractor is required, as a minimum, to include a CCTV survey and perform dye testing as necessary. All laterals determined to be inactive shall not be reconnected. The City Inspector shall approve all laterals designated for reconnection. NO SEPARATE PAY ITEM.

PAVEMENT RESTORATION

- For pavement restoration requirements see the Roadway plans for Lafayette Street Storm Water Conveyance Plans (from CSX Overpass east to Seminole Drive). NO SEPARATE PAY ITEM.

TEMPORARY TRAFFIC CONTROL

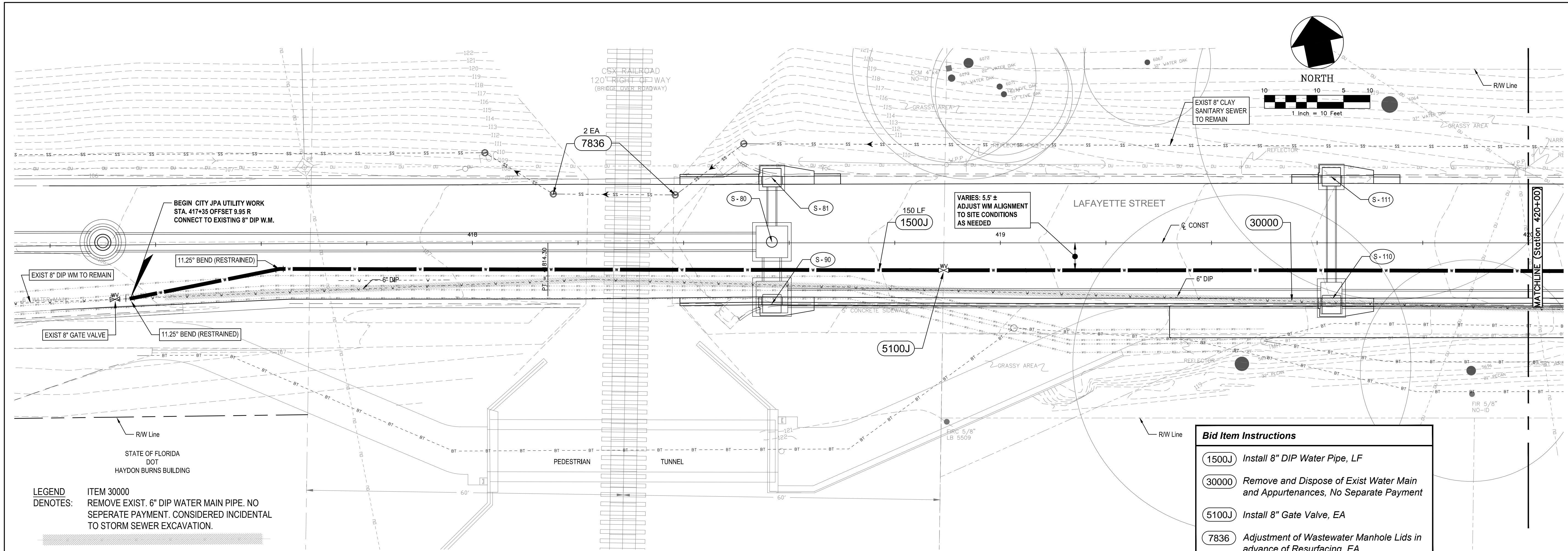
- The Contractor shall provide for the diversion of pedestrians and vehicles during the progress of work in a manner satisfactory to Leon County Public Works Department and in accordance with the Roadway plans for Lafayette Street Storm Water Conveyance Plans (from CSX Overpass east to Seminole Drive). NO SEPARATE PAY ITEM.
- The Contractor is responsible for coordinating all new water and wastewater construction with the temporary traffic control plans. Supplemental traffic control needed for the water and wastewater construction shall meet Leon County Public Works traffic control standards. NO SEPARATE PAYMENT.
- The Contractor shall maintain vehicular traffic ingress and egress to private properties at all times. NO SEPARATE PAYMENT.
- The Contractor shall replace any pavement markings and signs that are removed or damaged during construction. NO SEPARATE PAY ITEM.

RECORD DRAWINGS

All asbuilt changes shall be incorporated into Record Drawings prepared by a Florida-licensed Professional Surveyor and Mapper paid-for by the Contractor in accordance with guidelines found in the City Standard Specifications Section 14 **Asbuilt Specifications**. Completed Record Drawings shall be submitted to and approved by the designated City Inspector for the Project before final payment will be made to the Contractor.

There will be no separate payment for Record Drawings. This work is considered incidental to the Contract.

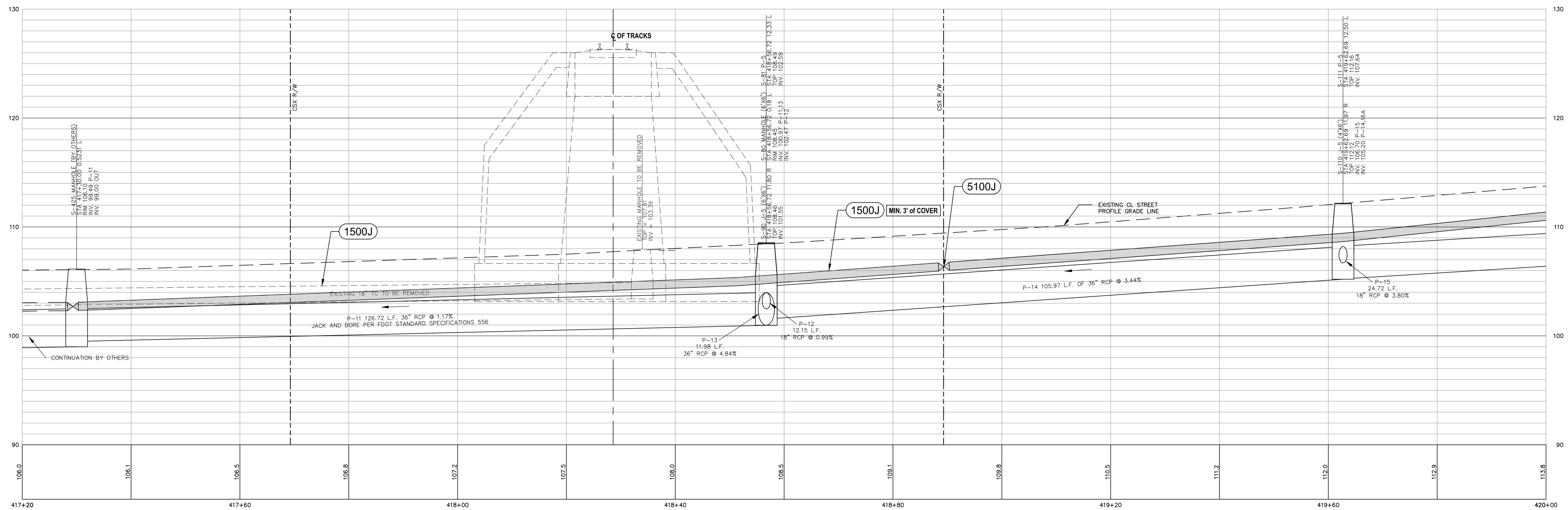
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LEGEND
 DENOTES: ITEM 30000
 REMOVE EXIST. 6" DIP WATER MAIN PIPE. NO SEPERATE PAYMENT. CONSIDERED INCIDENTAL TO STORM SEWER EXCAVATION.

Bid Item Instructions

1500J	Install 8" DIP Water Pipe, LF
30000	Remove and Dispose of Exist Water Main and Appurtenances, No Separate Payment
5100J	Install 8" Gate Valve, EA
7836	Adjustment of Wastewater Manhole Lids in advance of Resurfacing, EA

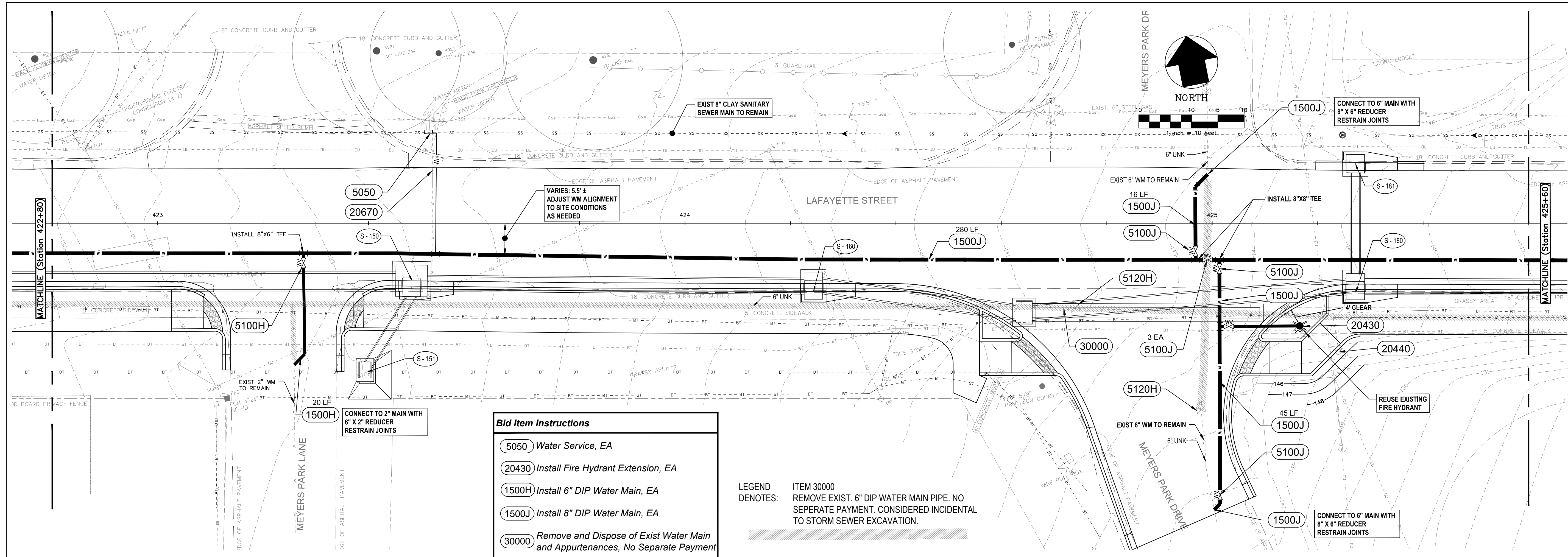


PROFILE SCALE
 HORIZONTAL 1" = 10'
 VERTICAL 1" = 5'

100% SUBMITTAL

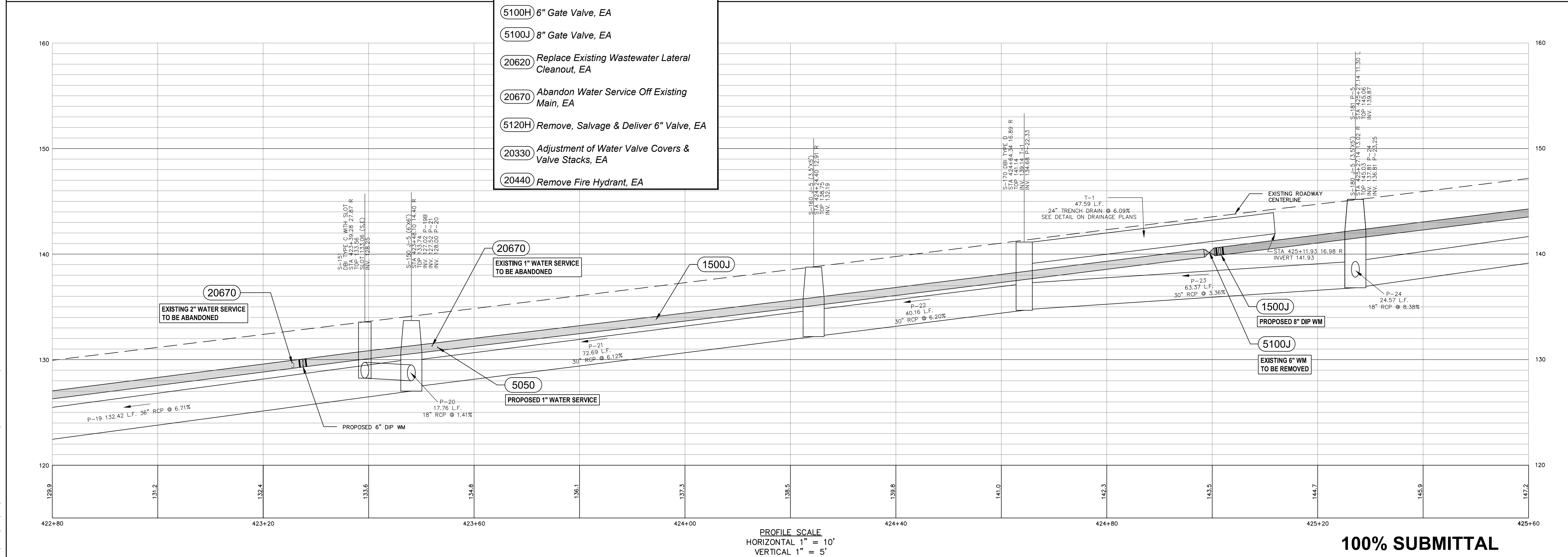
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<p>WATER RESOURCES ENGINEERING DIVISION 300 S. Adams Street, B-26 - Tallahassee, FL 32301 Phone: 850-891-1988 - www.talgov.com/you</p>								
<p>CITY OF TALLAHASSEE UNDERGROUND UTILITIES <i>Setting the Standard for Excellence</i></p>								
<p>PUBLIC WORKS DEPARTMENT STREETS AND DRAINAGE</p>								
<p>PREPARED FOR: </p>								
<p>SEAL: S. G. ARNOLD, P.E. License Number 34760</p>								
<p>SHEET TITLE: WATER & WASTEWATER UTILITIES ADJUSTMENT CONTRACT PLANS</p>								
<p>PROJECT NAME: LAFAYETTE STREET STORMWATER CONVEYANCE</p>								
<p>SHEET NUMBER: U-1</p>								

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- Bid Item Instructions**
- 5050 Water Service, EA
 - 20430 Install Fire Hydrant Extension, EA
 - 1500H Install 6" DIP Water Main, EA
 - 1500J Install 8" DIP Water Main, EA
 - 30000 Remove and Dispose of Exist Water Main and Appurtenances, No Separate Payment
 - 5100H 6" Gate Valve, EA
 - 5100J 8" Gate Valve, EA
 - 20620 Replace Existing Wastewater Lateral Cleanout, EA
 - 20670 Abandon Water Service Off Existing Main, EA
 - 5120H Remove, Salvage & Deliver 6" Valve, EA
 - 20330 Adjustment of Water Valve Covers & Valve Stacks, EA
 - 20440 Remove Fire Hydrant, EA

LEGEND DENOTES: ITEM 30000 REMOVE EXIST. 6" DIP WATER MAIN PIPE. NO SEPARATE PAYMENT. CONSIDERED INCIDENTAL TO STORM SEWER EXCAVATION.

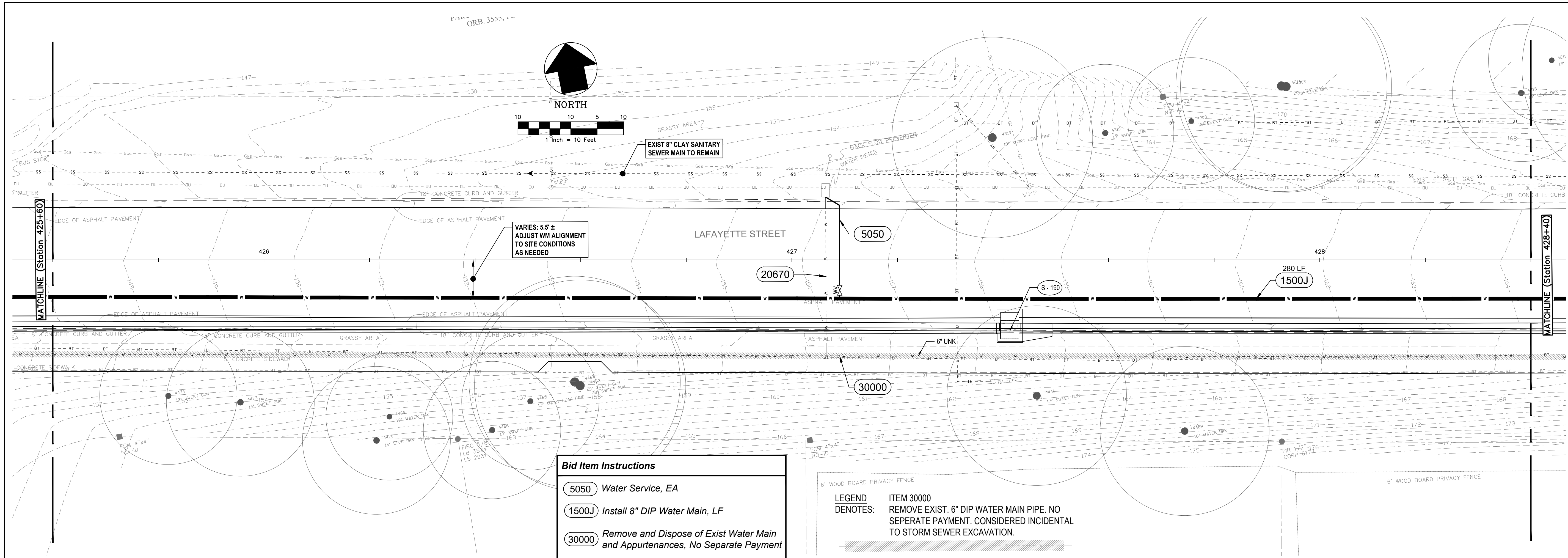


PROFILE SCALE
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 VERTICAL 1" = 5'

100% SUBMITTAL

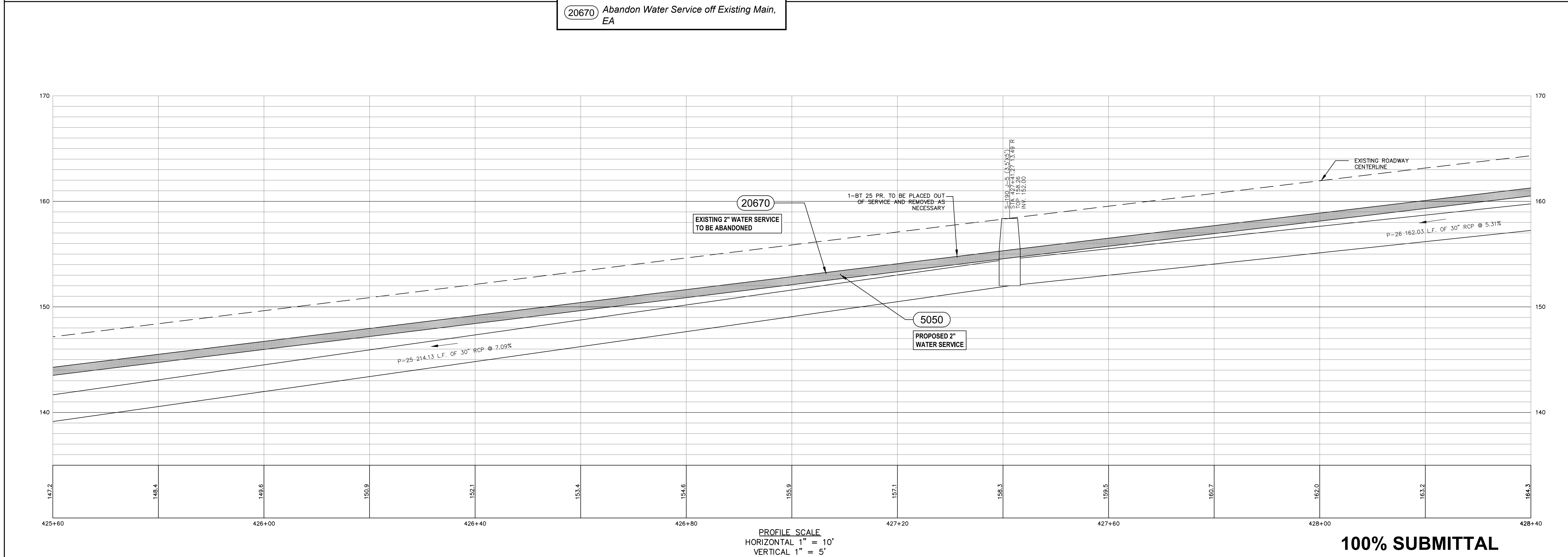
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- Bid Item Instructions**
- (5050) Water Service, EA
 - (1500J) Install 8" DIP Water Main, LF
 - (30000) Remove and Dispose of Exist Water Main and Appurtenances, No Separate Payment
 - (20670) Abandon Water Service off Existing Main, EA

LEGEND DENOTES: ITEM 30000 REMOVE EXIST. 6" DIP WATER MAIN PIPE. NO SEPERATE PAYMENT. CONSIDERED INCIDENTAL TO STORM SEWER EXCAVATION.

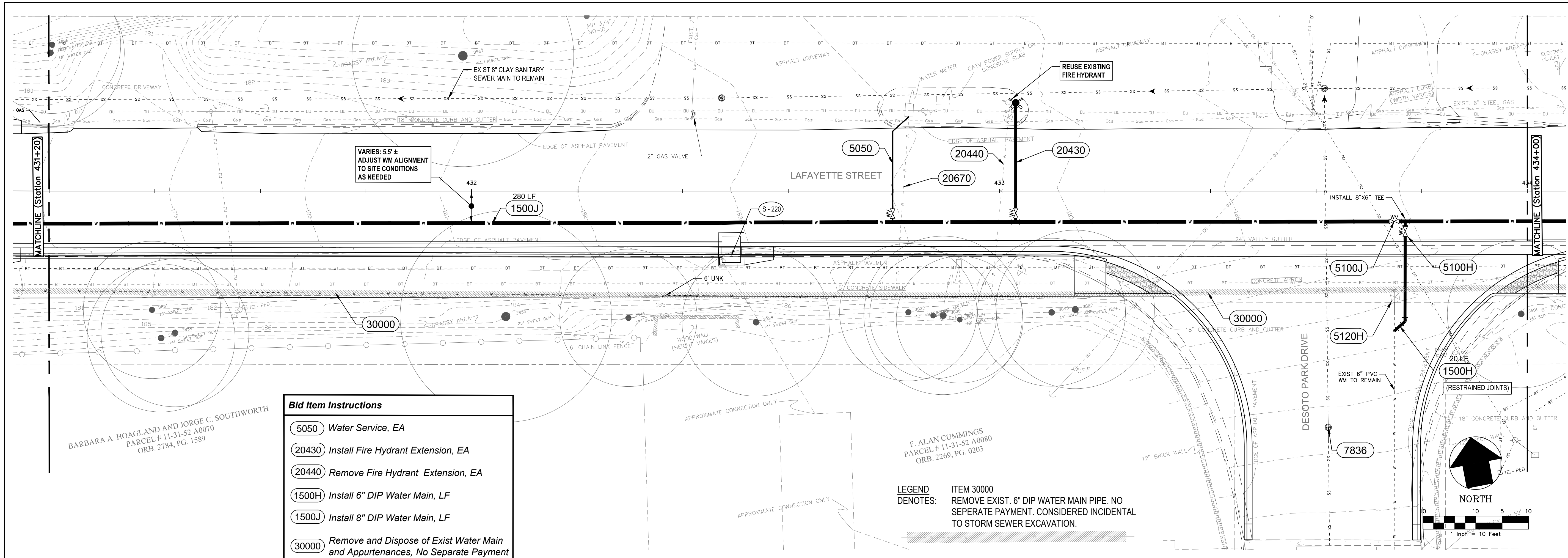


PROFILE SCALE
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 VERTICAL 1" = 5'

100% SUBMITTAL

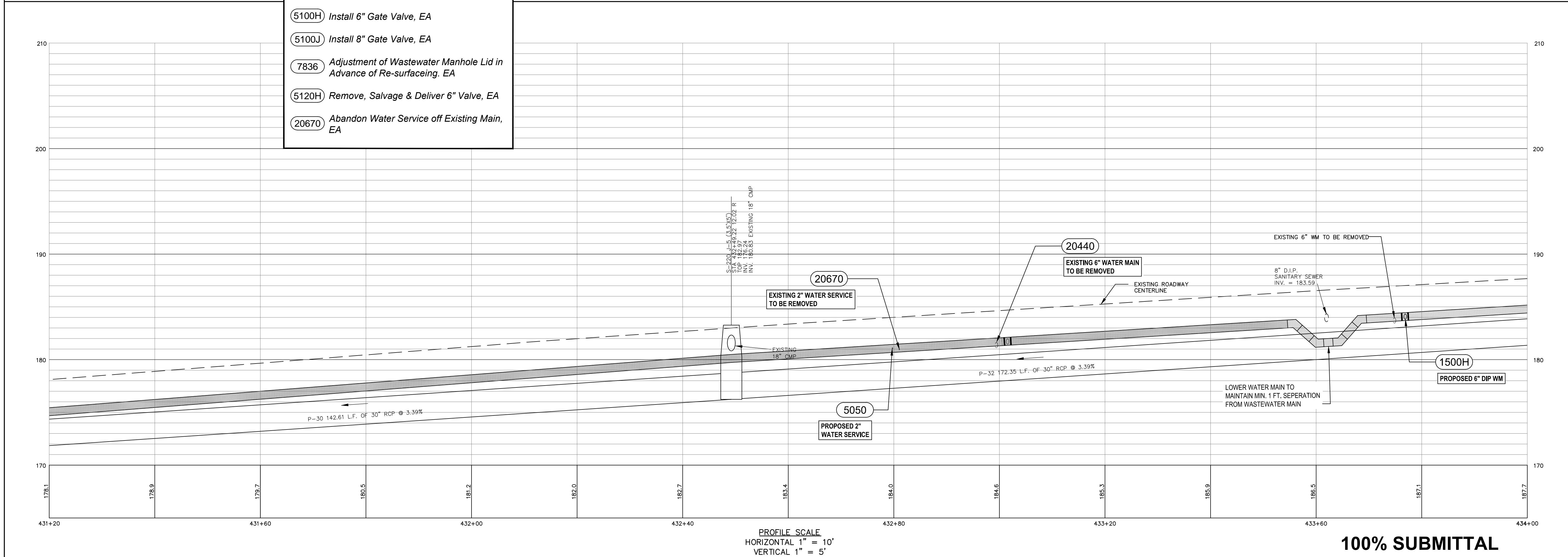
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<p>DRAWN BY: C.E.F. DATE: 08/29/2012</p>	
<p>WATER RESOURCES ENGINEERING DIVISION 300 S. Adams Street, B-26 - Tallahassee, FL 32301 Phone: 850-891-1998 - www.talago.com/you</p>	
<p>City of Tallahassee UNDERGROUND UTILITIES "Setting the Standard for Excellence"</p>	
<p>PUBLIC WORKS DEPARTMENT STREETS AND DRAINAGE</p>	
<p>PREPARED FOR: </p>	
<p>S. G. ARNOLD, P.E. License Number 34760</p>	
<p>SEAL</p>	
<p>SHEET TITLE WATER & WASTEWATER UTILITIES ADJUSTMENT CONTRACT PLANS</p>	
<p>PROJECT NAME LAFAYETTE STREET STORMWATER CONVEYANCE</p>	
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- Bid Item Instructions**
- (5050) Water Service, EA
 - (20430) Install Fire Hydrant Extension, EA
 - (20440) Remove Fire Hydrant Extension, EA
 - (1500H) Install 6" DIP Water Main, LF
 - (1500J) Install 8" DIP Water Main, LF
 - (30000) Remove and Dispose of Exist Water Main and Appurtenances, No Separate Payment
 - (5100H) Install 6" Gate Valve, EA
 - (5100J) Install 8" Gate Valve, EA
 - (7836) Adjustment of Wastewater Manhole Lid in Advance of Re-surfacing, EA
 - (5120H) Remove, Salvage & Deliver 6" Valve, EA
 - (20670) Abandon Water Service off Existing Main, EA

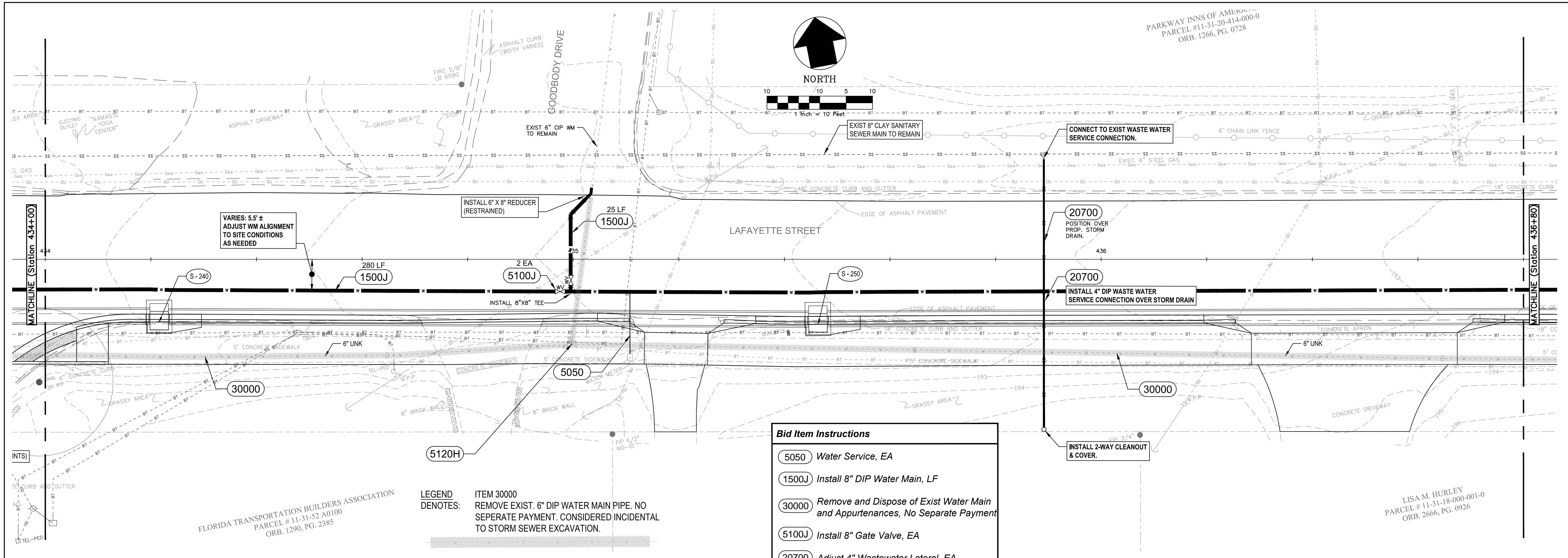
LEGEND: ITEM 30000 REMOVE EXIST. 6" DIP WATER MAIN PIPE. NO SEPERATE PAYMENT. CONSIDERED INCIDENTAL TO STORM SEWER EXCAVATION.



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REVISIONS NO. DATE DESCRIPTION	
DESIGNED BY: C.E.F. PROJECT NUMBER: LCP3-028 CHECKED BY: S.G.A. SCALE: 1" = 10' DRAWN BY: C.E.F. DATE: 08/29/2012	
WATER RESOURCES ENGINEERING DIVISION 300 S. Adams Street, B-26 - Tallahassee, FL 32301 Phone: 850-891-1988 - www.tallego.com/you	
City of Tallahassee UNDERGROUND UTILITIES Setting the Standard for Excellence	
PUBLIC WORKS DEPARTMENT STREETS AND DRAINAGE	
PREPARED FOR: 	
S. G. ARNOLD, P.E. License Number: 34760	
SHEET TITLE: WATER & WASTEWATER UTILITIES ADJUSTMENT CONTRACT PLANS	
PROJECT NAME: LAFAYETTE STREET STORMWATER CONVEYANCE	
SHEET NUMBER: U-6	

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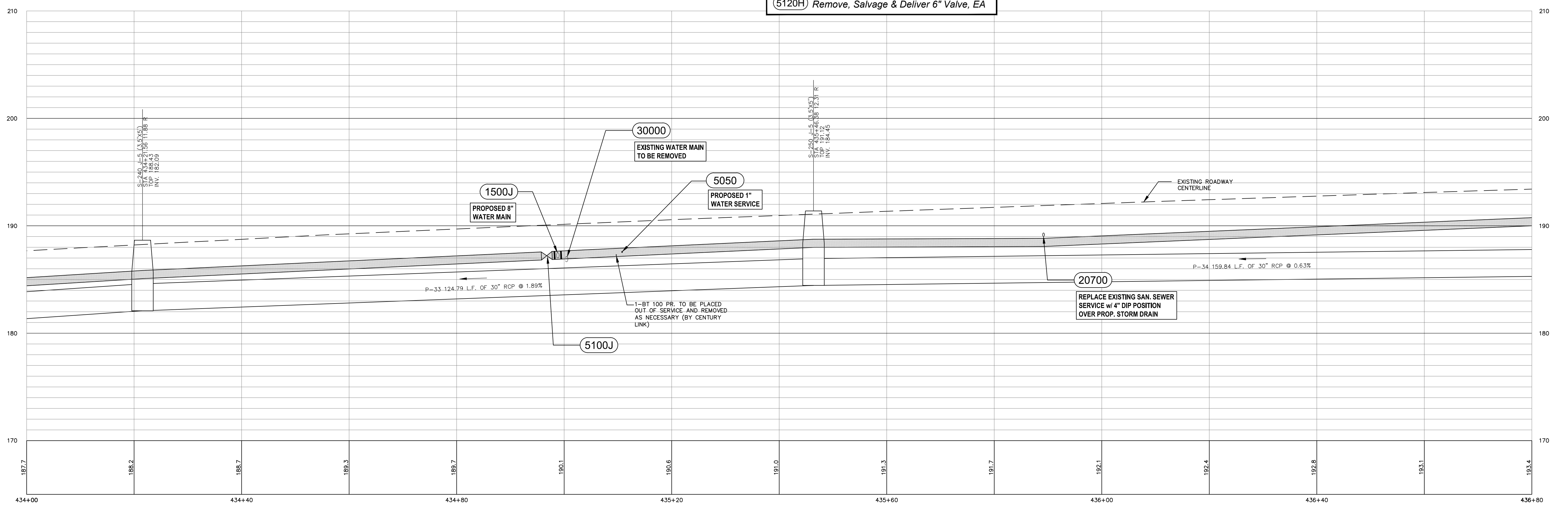
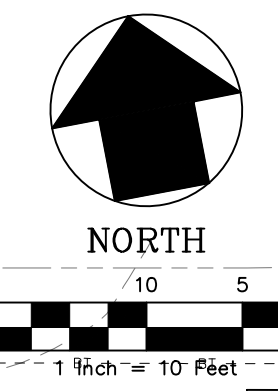
- Bid Item Instructions**
- 5050 Water Service, EA
 - 1500J Install 8" DIP Water Main, LF
 - 30000 Remove and Dispose of Exist Water Main and Appurtenances, No Separate Payment
 - 5100J Install 8" Gate Valve, EA
 - 20700 Adjust 4" Wastewater Lateral, EA
 - 5120H Remove, Salvage & Deliver 6" Valve, EA

LEGEND DENOTES:
 ITEM 30000
 REMOVE EXIST. 6" DIP WATER MAIN PIPE. NO SEPERATE PAYMENT. CONSIDERED INCIDENTAL TO STORM SEWER EXCAVATION.

FLORIDA TRANSPORTATION BUILDERS ASSOCIATION
 PARCEL # 11-31-52 A0100
 ORB. 1290, PG. 2385

PARKWAY INNS OF AMERICA
 PARCEL #11-31-20-414-000-0
 ORB. 1266, PG. 0728

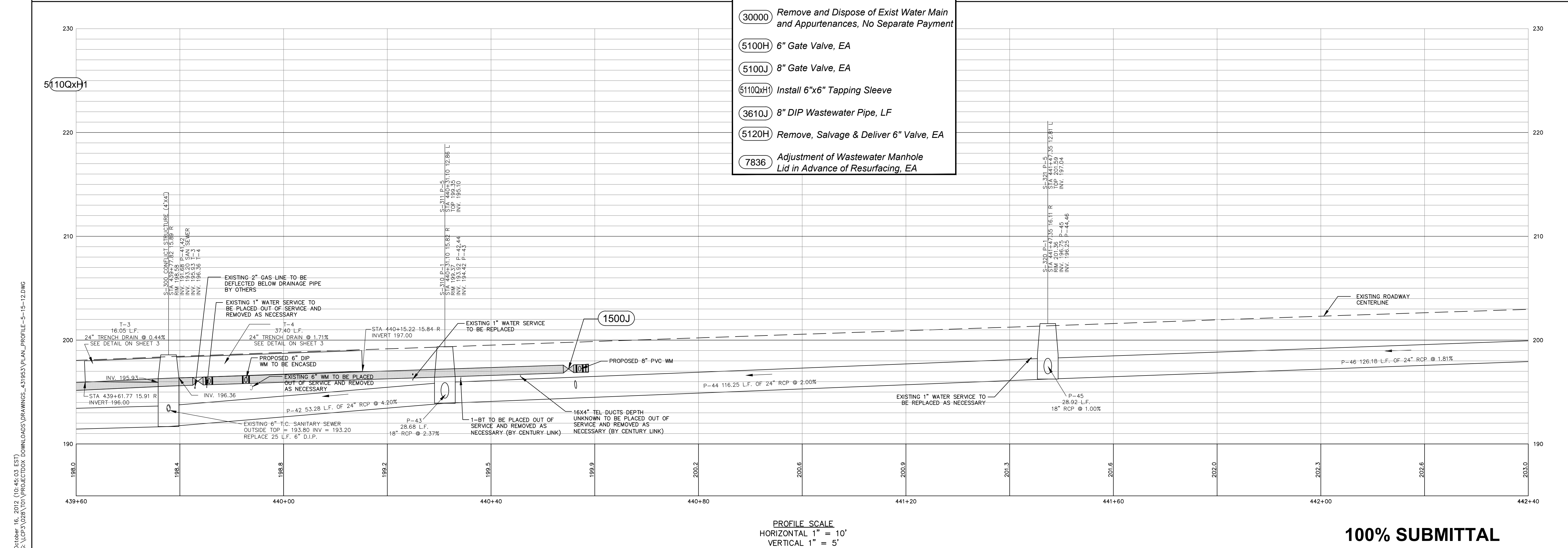
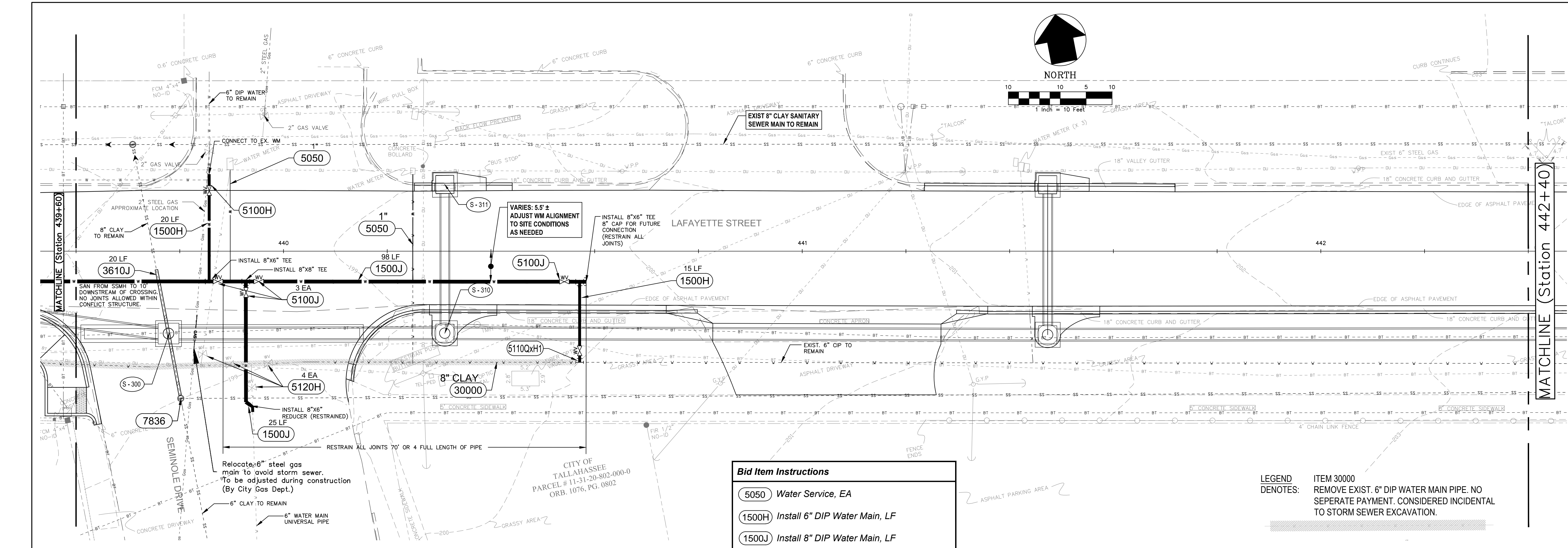
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 PARCEL # 11-31-18-000-001-0
 ORB. 2666, PG. 0926



PROFILE SCALE
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NO.		DATE	DESCRIPTION	REVISIONS
<p>City of Tallahassee WATER RESOURCES ENGINEERING DIVISION 300 S. Adams Street, B-26 - Tallahassee, FL 32301 Phone: 850-891-1988 - www.talinfo.com/you</p> <p>UNDERGROUND UTILITIES "Setting the Standard for Excellence"</p> <p>City of Tallahassee PUBLIC WORKS DEPARTMENT STREETS AND DRAINAGE</p> <p>PREPARED FOR LEUM</p> <p>S. G. ARNOLD, P.E. License Number 34760</p>				
DESIGNED BY:		C.E.F.	CHECKED BY:	S.G.A.
DRAWN BY:		C.E.F.	DATE:	08/29/2012
PROJECT NUMBER:		LCP3-028	SCALE:	1" = 10'
<p>WATER & WASTEWATER UTILITIES ADJUSTMENT CONTRACT PLANS</p> <p>LAFAYETTE STREET STORMWATER CONVEYANCE</p>				
<p>SHEET TITLE</p> <p>SHEET NUMBER</p> <p>U-7</p>				



- Bid Item Instructions**
- 5050 Water Service, EA
 - 1500H Install 6" DIP Water Main, LF
 - 1500J Install 8" DIP Water Main, LF
 - 30000 Remove and Dispose of Exist Water Main and Appurtenances, No Separate Payment
 - 5100H 6" Gate Valve, EA
 - 5100J 8" Gate Valve, EA
 - 5110QH Install 6"x6" Tapping Sleeve
 - 3610J 8" DIP Wastewater Pipe, LF
 - 5120H Remove, Salvage & Deliver 6" Valve, EA
 - 7836 Adjustment of Wastewater Manhole Lid in Advance of Resurfacing, EA

LEGEND DENOTES: ITEM 30000 REMOVE EXIST. 6" DIP WATER MAIN PIPE. NO SEPARATE PAYMENT. CONSIDERED INCIDENTAL TO STORM SEWER EXCAVATION.

October 16, 2012 10:45:03 EST
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City of Tallahassee UNDERGROUND UTILITIES <i>Setting the Standard for Excellence</i>							
PUBLIC WORKS DEPARTMENT STREETS AND DRAINAGE							
WATER & WASTEWATER UTILITIES ADJUSTMENT CONTRACT PLANS							
LAFAYETTE STREET STORMWATER CONVEYANCE							
U-9							

DESIGNED BY: S.G.A.
 CHECKED BY: S.G.A.
 PROJECT NUMBER: LCP3-028
 DATE: 08/29/2012

NO. DATE DESCRIPTION REVISIONS

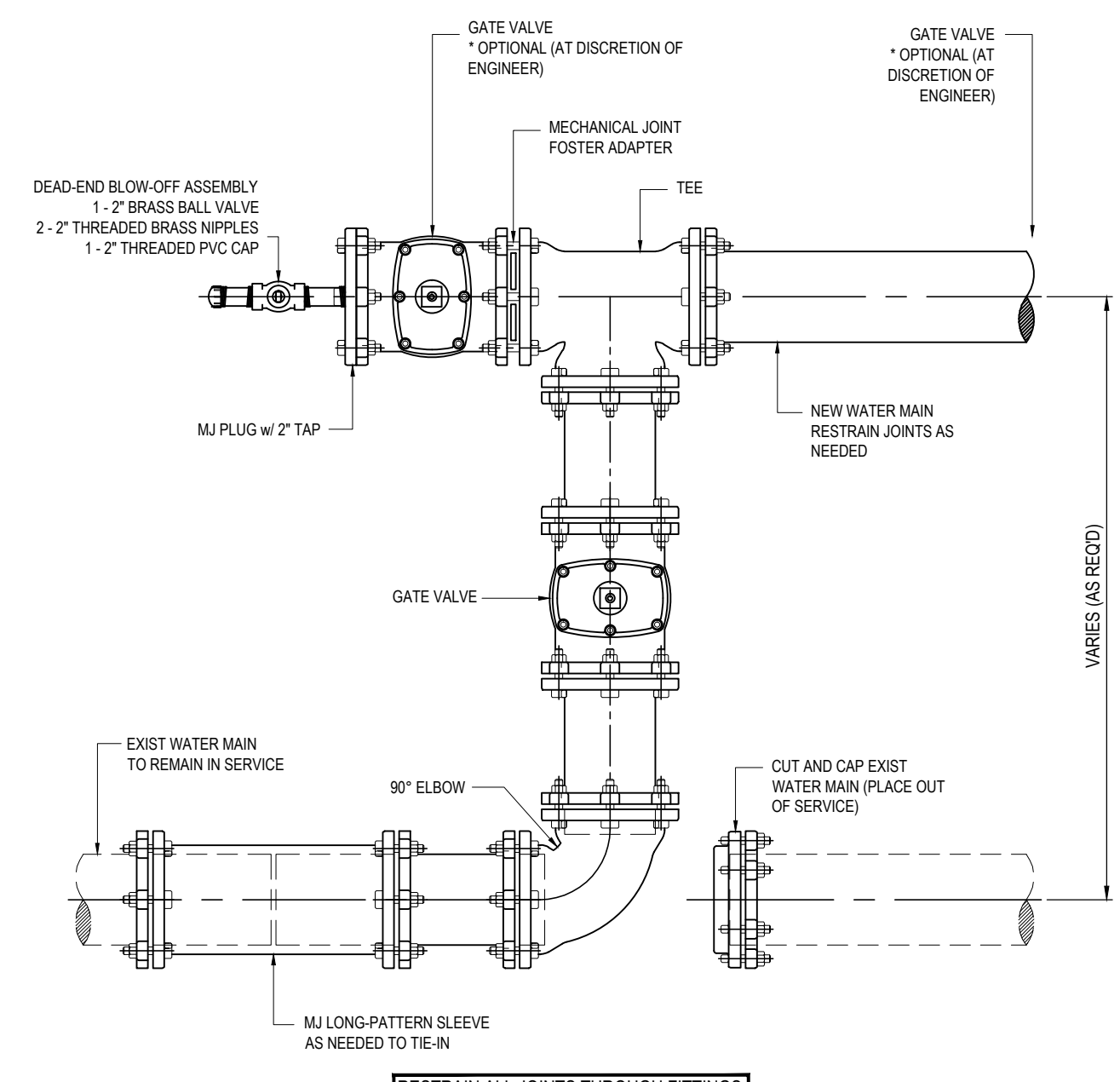
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 CHECKED BY: C.E.F.
 SCALE: 1" = 10'
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WATER RESOURCES ENGINEERING DIVISION
 300 S. Adams Street, B-26 - Tallahassee, FL 32301
 Phone: 850-891-1988 - www.talgov.com/you

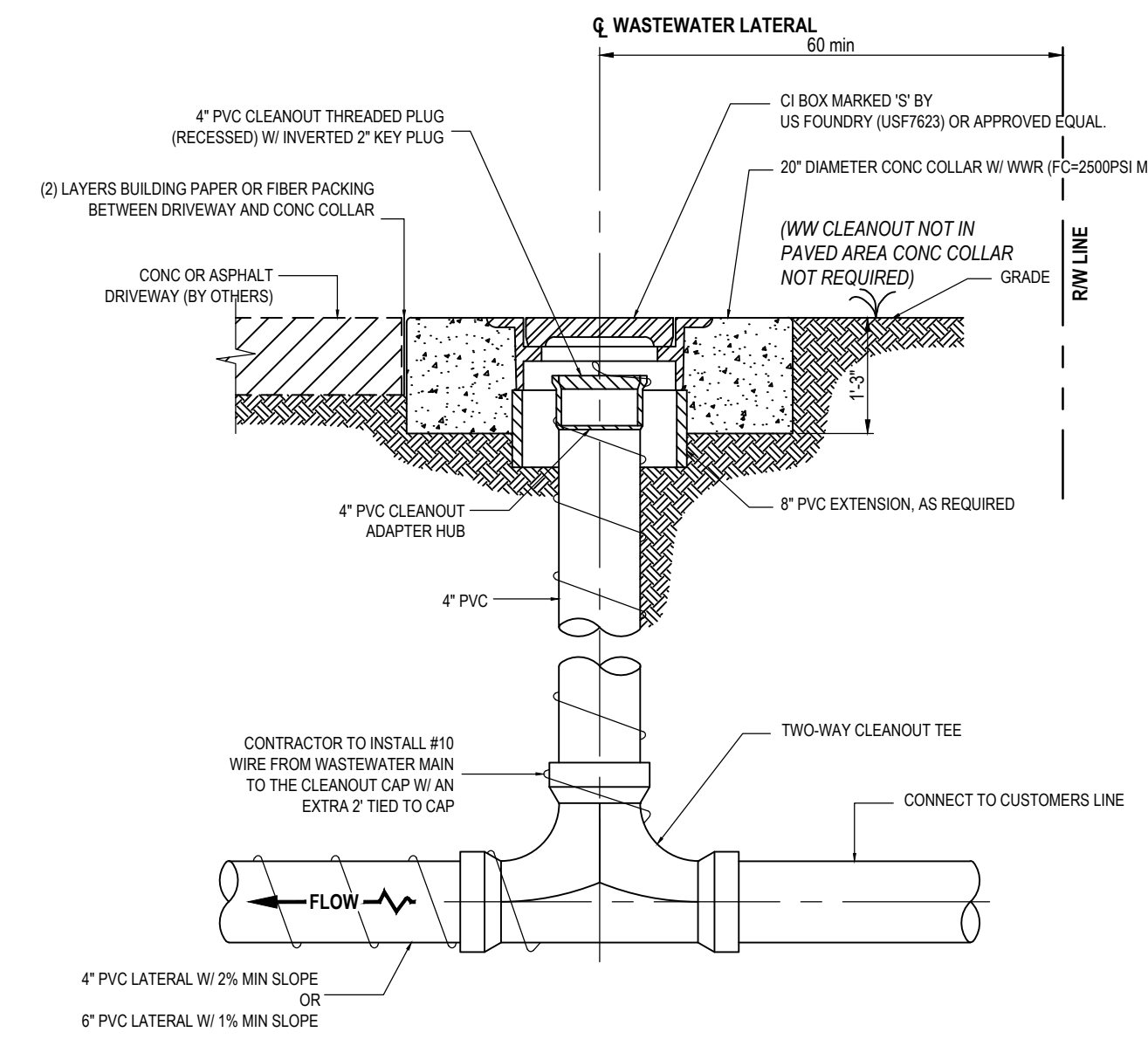
PREPARED FOR:

 S. G. ARWALD, P.E.
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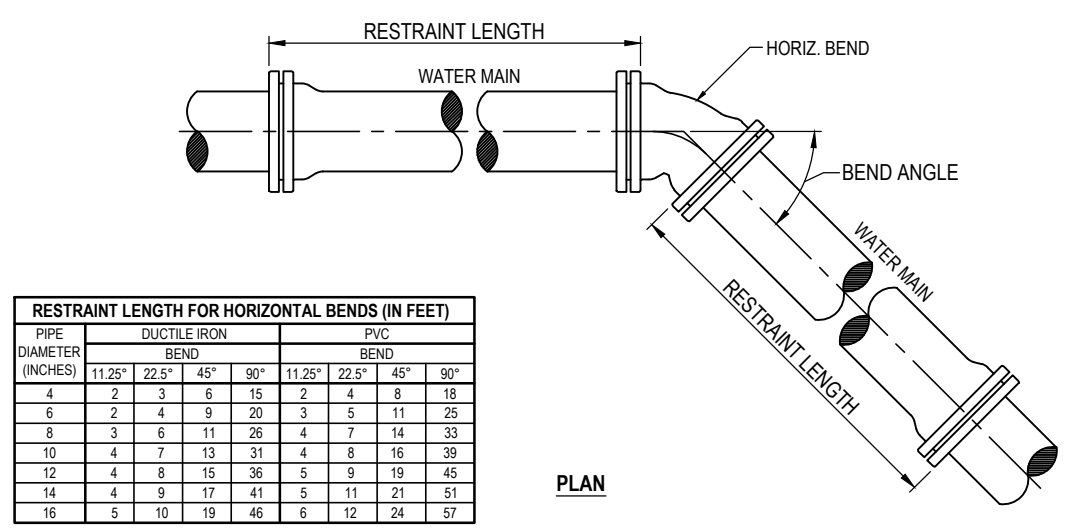
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EXISTING WATER MAIN TIE-IN CONNECTION
N.T.S.



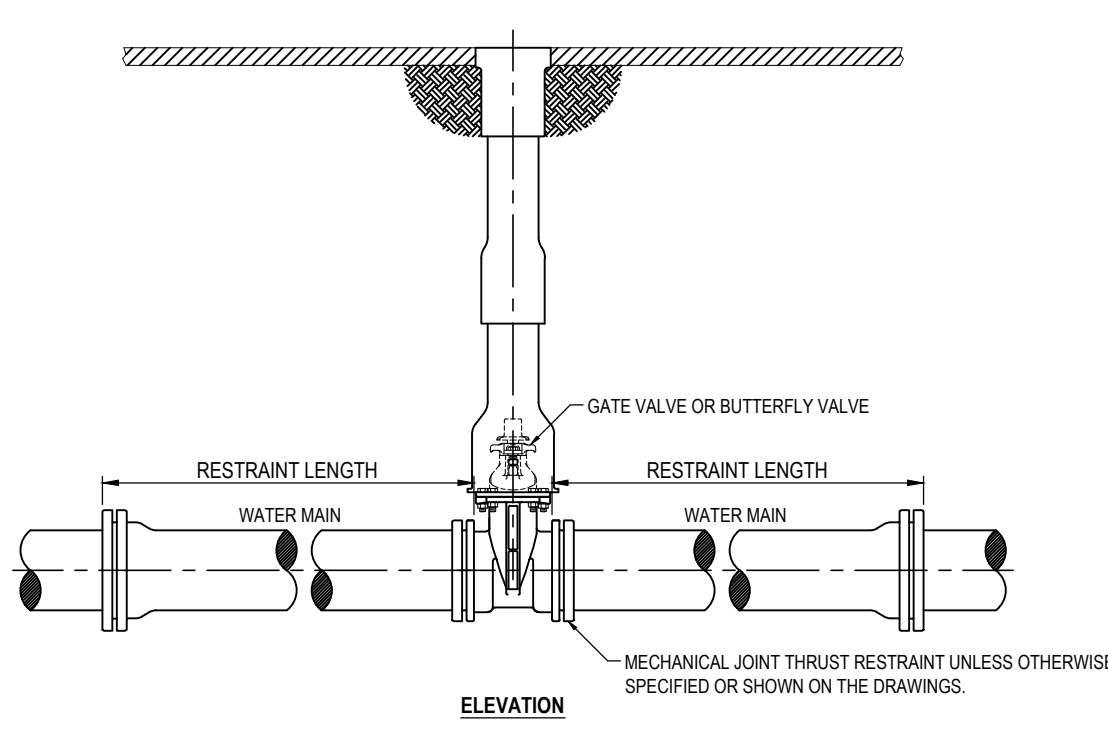
TWO-WAY SANITARY SEWER CLEAN-OUT
N.T.S.



PIPE DIAMETER (INCHES)	DUCTILE IRON			PVC		
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4	2	3	5	3	4	6
6	3	4	7	4	5	8
8	4	6	10	5	7	11
10	5	8	13	7	9	14
12	6	10	16	9	12	17
14	7	12	19	11	14	20
16	8	14	22	13	16	23

THRUST RESTRAINT NOTE FOR HORIZONTAL BENDS:
1. HORIZONTAL BENDS REQUIRE RESTRAINT OF ALL JOINTS WITHIN THE CALCULATED RESTRAINT LENGTH ON BOTH SIDES OF THE BEND.

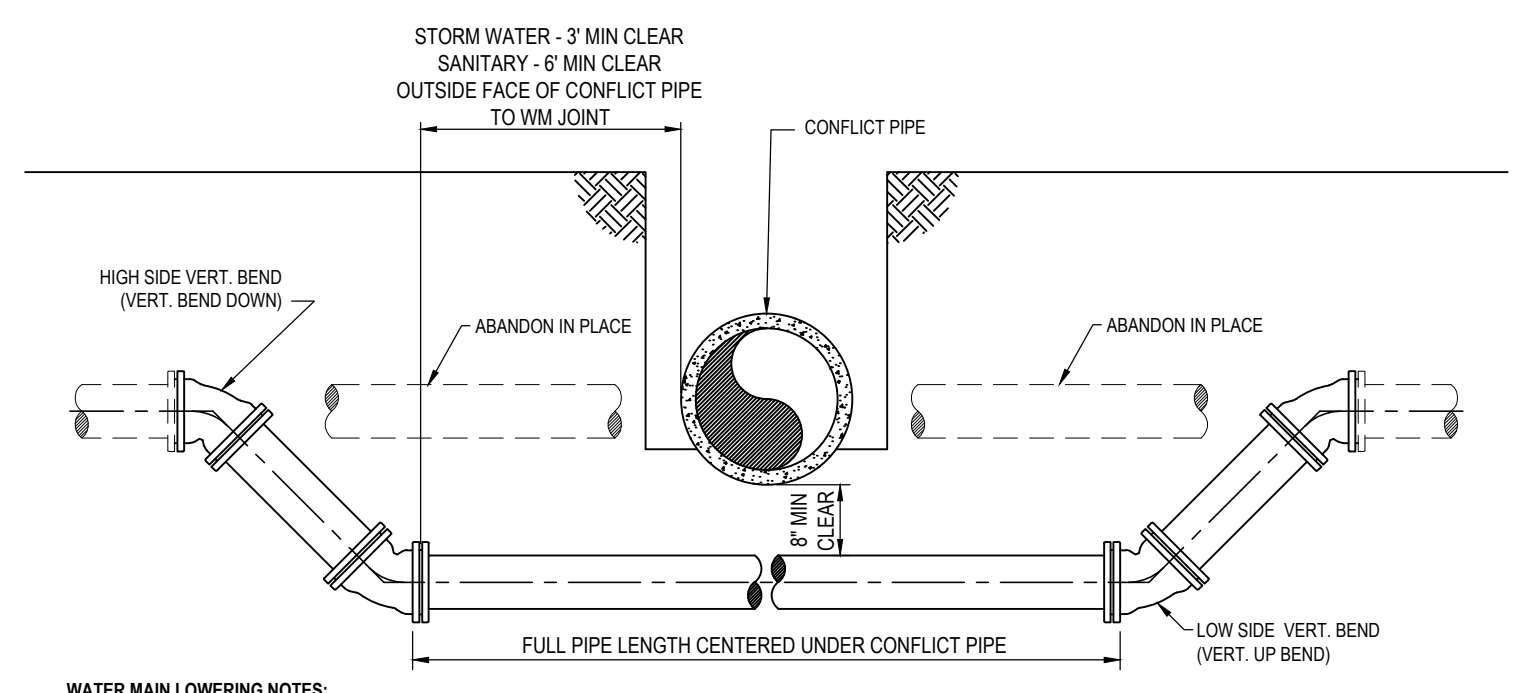
RESTRAINT LENGTHS FOR HORIZONTAL BENDS
N.T.S.



PIPE DIAMETER (INCHES)	RESTRAINT LENGTH FOR DEAD ENDS AND VALVES (IN FEET)	
	DUCTILE IRON (FEET)	PVC (FEET)
4	25	30
6	30	35
8	42	47
10	48	57
12	60	70
14	72	84
16	84	101

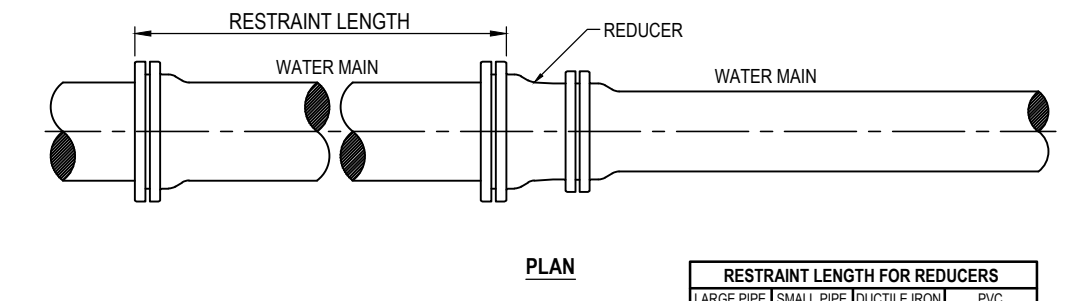
THRUST RESTRAINT NOTE FOR VALVES:
1. VALVES REQUIRE RESTRAINT OF ALL JOINTS WITHIN THE CALCULATED RESTRAINT LENGTH ON BOTH SIDES OF THE VALVE.

RESTRAINT LENGTHS FOR VALVES
N.T.S.



WATER MAIN LOWERING NOTES:
1. REFER TO RESTRAINT LENGTH FOR VERTICAL OFFSETS FOR RESTRAINT LENGTHS REQUIRED.
2. FOR ADDITIONAL CLEARANCES REFER TO F.A.C. RULE 62-555.314.

STANDARD WATER MAIN LOWERING
N.T.S.

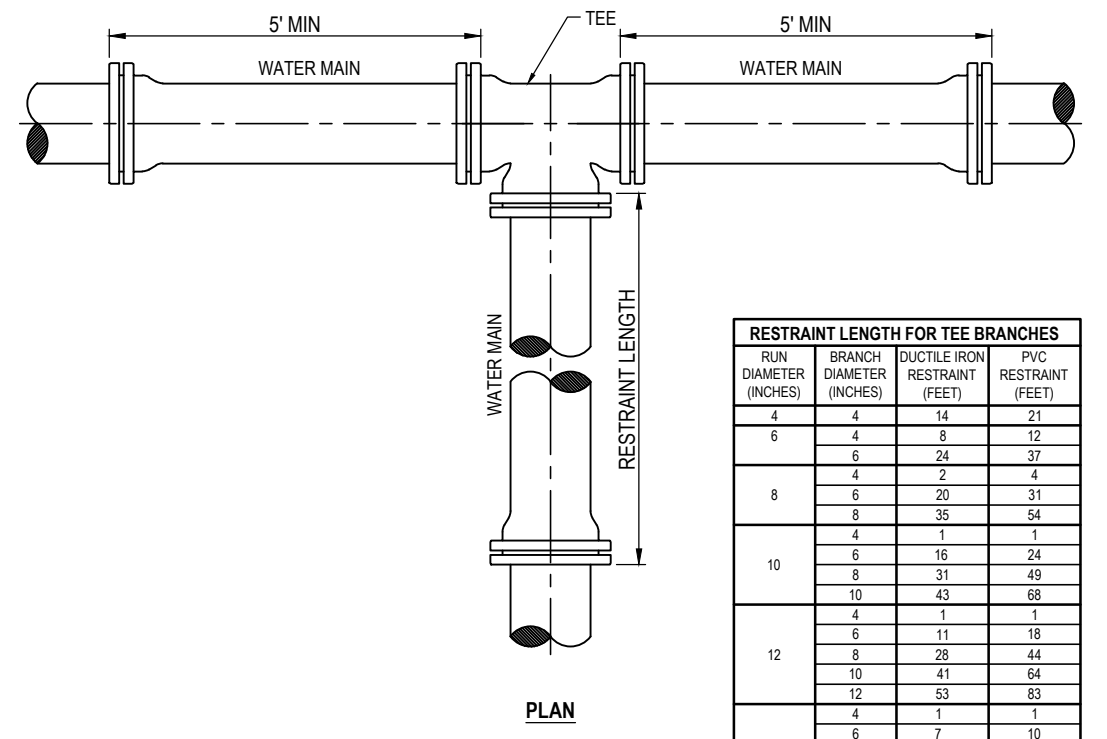


LARGE PIPE DIAMETER (INCHES)	SMALL PIPE DIAMETER (INCHES)	RESTRAINT LENGTH (FEET)	
		DUCTILE IRON	PVC
6	4	19	23
8	6	25	31
10	8	34	43
12	10	43	52
14	12	52	63
16	14	61	74
18	16	70	85
20	18	80	96
22	20	90	107
24	22	100	118
26	24	110	129
28	26	120	140
30	28	130	151
32	30	140	162
34	32	150	173
36	34	160	184
38	36	170	195
40	38	180	206

THRUST RESTRAINT NOTE FOR REDUCERS:
1. REDUCERS REQUIRE RESTRAINT OF ALL JOINTS WITHIN THE CALCULATED RESTRAINT LENGTH, EXTENDING FROM THE REDUCER ON THE SIDE OF THE LARGER PIPE.

RESTRAINT LENGTHS FOR REDUCERS
N.T.S.

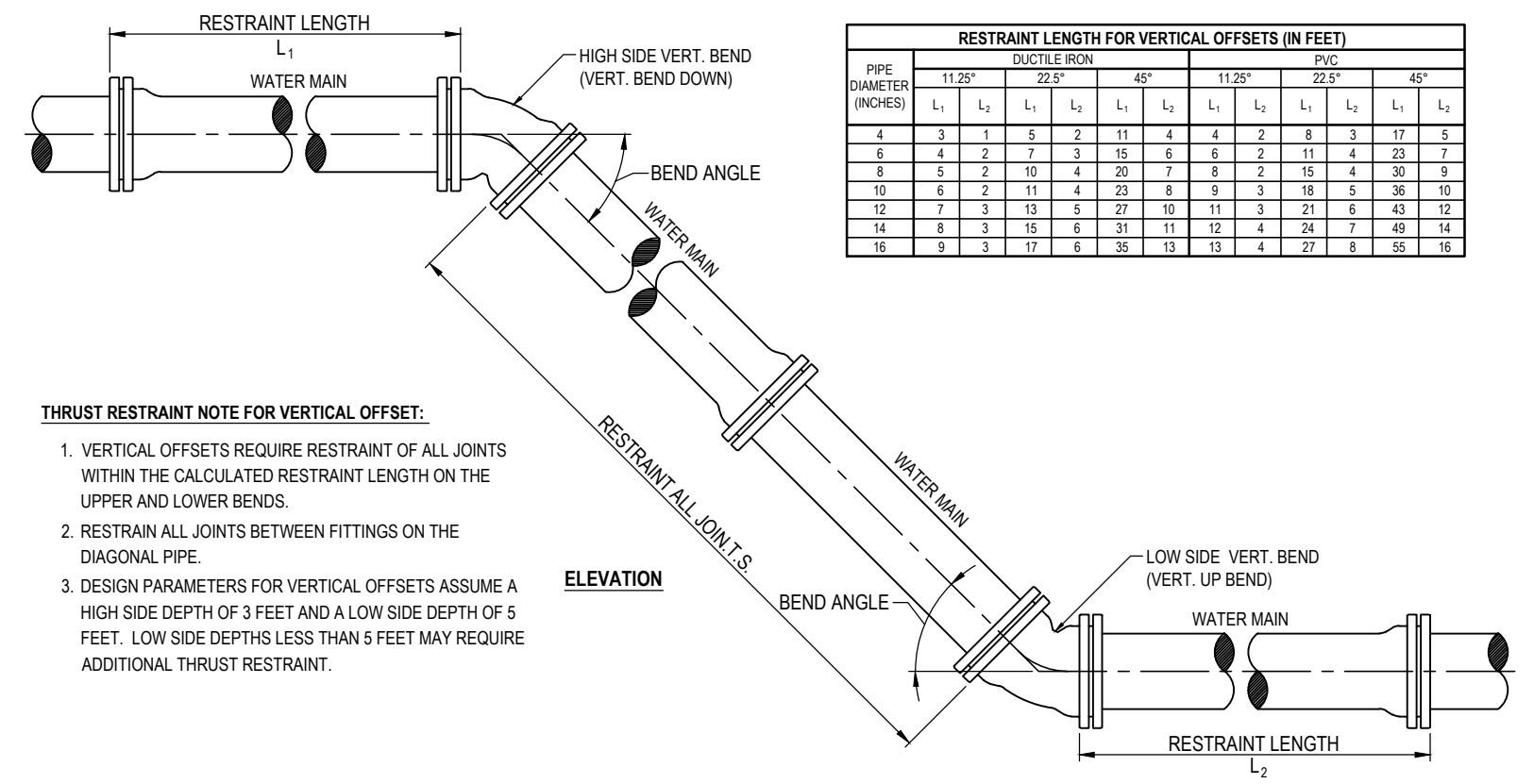
GENERAL THRUST RESTRAINT NOTES:
1. CHARTS ARE BASED ON EBAA IRON RESTRAINT LENGTH CALCULATOR, VERSION 6. ENGINEER OF RECORD SHALL VERIFY.
2. DESIGN PARAMETERS ARE AS FOLLOWS:
a. UNIFIED SOIL CLASSIFICATION: SM SOIL TYPE
b. SAFETY FACTOR: 1.5 TO 1
c. TRENCH TYPE: TYPE 3
d. DEPTH OF BURY: 3 FT
e. TEST PRESSURE: 150 PSI
3. POLY WRAPPED DUCTILE IRON PIPE SHALL REQUIRE ADDITIONAL THRUST RESTRAINT.



IRON DIAMETER (INCHES)	BRANCH DIAMETER (INCHES)	RESTRAINT LENGTH (FEET)	
		DUCTILE IRON	PVC
6	4	8	12
8	6	11	17
10	8	15	24
12	10	21	32
14	12	27	41
16	14	33	50
18	16	40	60
20	18	47	70
22	20	54	81
24	22	61	92
26	24	69	103
28	26	76	114
30	28	84	125
32	30	91	136
34	32	99	147
36	34	107	158
38	36	115	169
40	38	123	180

THRUST RESTRAINT NOTES FOR TEES:
1. TEES REQUIRE RESTRAINT OF ALL JOINTS WITHIN THE CALCULATED RESTRAINT LENGTH ALONG THE BRANCH PIPE.
2. BRANCH RESTRAINT LENGTH FOR TEES ASSUMES A 5 FOOT RUN LENGTH ON EACH SIDE OF THE TEE. SHORTER RUN LENGTHS MAY REQUIRE ADDITIONAL THRUST RESTRAINT.

RESTRAINT LENGTHS FOR TEES
N.T.S.



PIPE DIAMETER (INCHES)	DUCTILE IRON						PVC					
	11.25"	12.75"	15"	11.25"	12.75"	15"	11.25"	12.75"	15"	11.25"	12.75"	15"
4	3	4	5	3	4	5	3	4	5	3	4	5
6	4	5	7	4	5	7	4	5	7	4	5	7
8	5	7	10	5	7	10	5	7	10	5	7	10
10	6	8	13	6	8	13	6	8	13	6	8	13
12	7	10	16	7	10	16	7	10	16	7	10	16
14	8	11	19	8	11	19	8	11	19	8	11	19
16	9	12	22	9	12	22	9	12	22	9	12	22
18	10	13	25	10	13	25	10	13	25	10	13	25

THRUST RESTRAINT NOTE FOR VERTICAL OFFSET:
1. VERTICAL OFFSETS REQUIRE RESTRAINT OF ALL JOINTS WITHIN THE CALCULATED RESTRAINT LENGTH ON THE UPPER AND LOWER BENDS.
2. RESTRAIN ALL JOINTS BETWEEN FITTINGS ON THE DIAGONAL PIPE.
3. DESIGN PARAMETERS FOR VERTICAL OFFSETS ASSUME A HIGH SIDE DEPTH OF 3 FEET AND A LOW SIDE DEPTH OF 5 FEET. LOW SIDE DEPTHS LESS THAN 5 FEET MAY REQUIRE ADDITIONAL THRUST RESTRAINT.

RESTRAINT LENGTHS FOR VERTICAL OFFSETS
N.T.S.

City of Tallahassee
UNDERGROUND UTILITIES
 "Setting the Standard for Excellence"
WATER RESOURCES ENGINEERING DIVISION
 300 S. Adams Street, B-206 - Tallahassee, FL 32301
 Phone: 850-891-1498 - www.tal.gov.com/you

PUBLIC WORKS DEPARTMENT
STREETS AND DRAINAGE

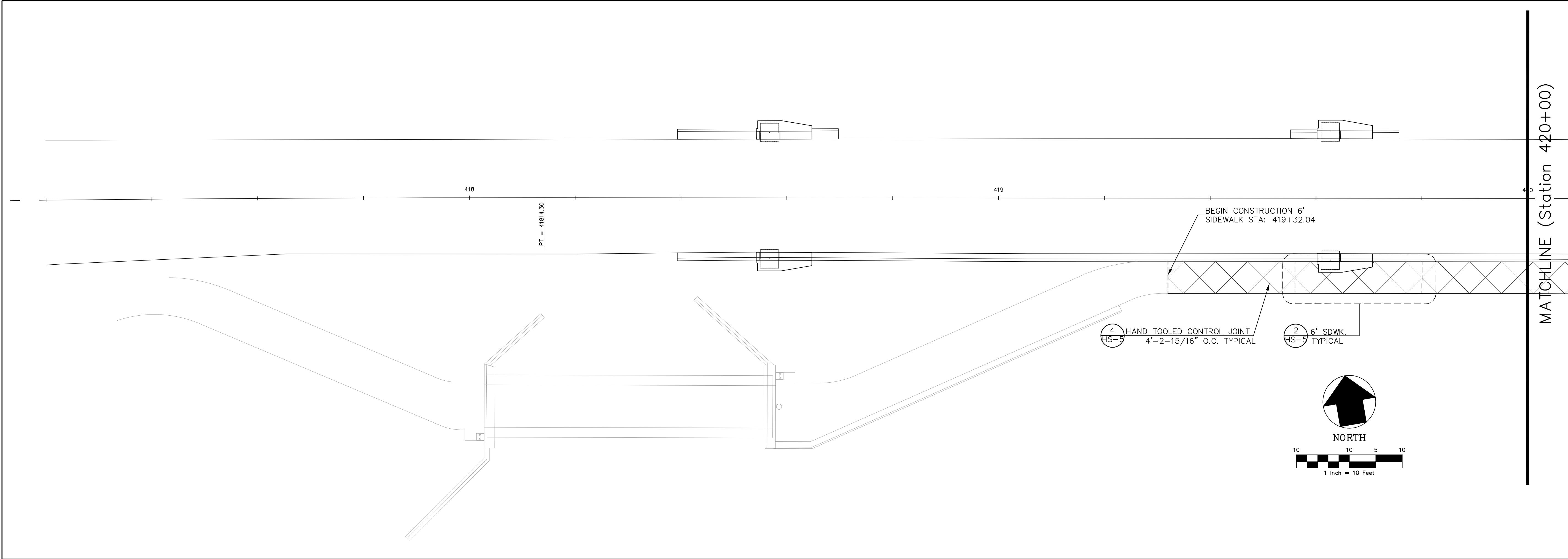
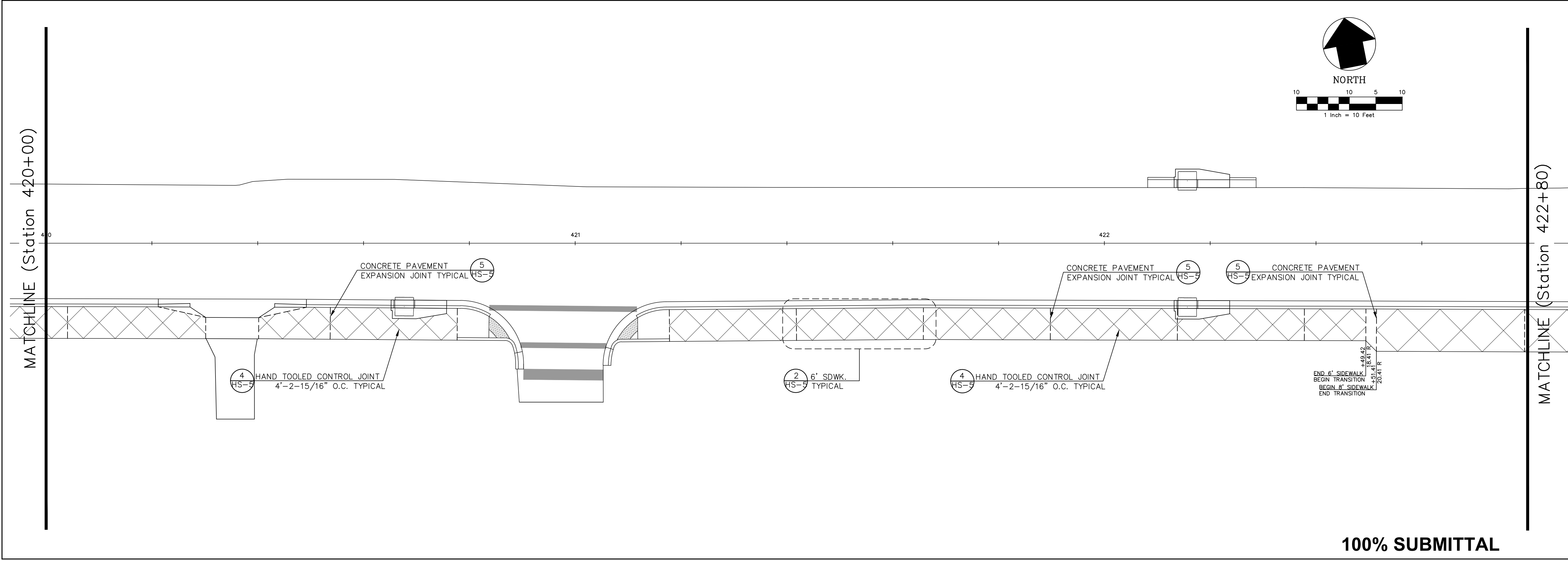
WATER & WASTEWATER UTILITIES
CONSTRUCTION DETAILS
LAFAYETTE STREET
STORMWATER CONVEYANCE

SHEET TITLE: U-10
 SHEET NUMBER: U-10


NO. DATE DESCRIPTION REVISIONS

DESIGNED BY: S.G.A. PROJECT NUMBER: LCP3-028
 CHECKED BY: C.E.F. DATE: 08/29/2012
 DRAWN BY: C.E.F. SCALE: 1" = 20'

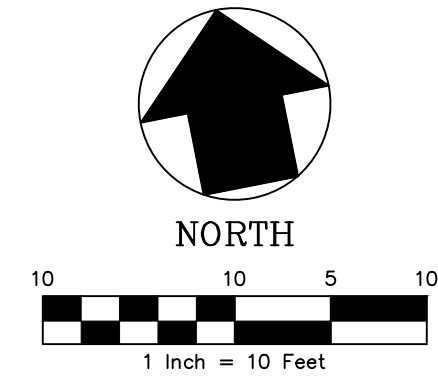
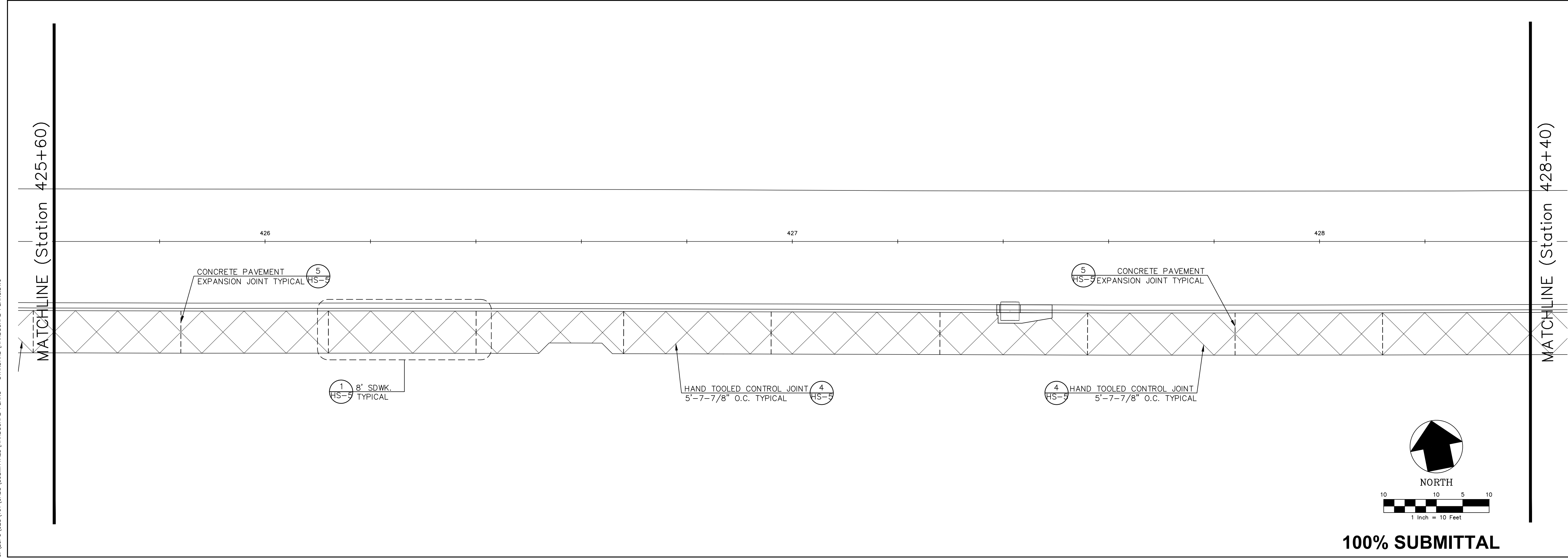
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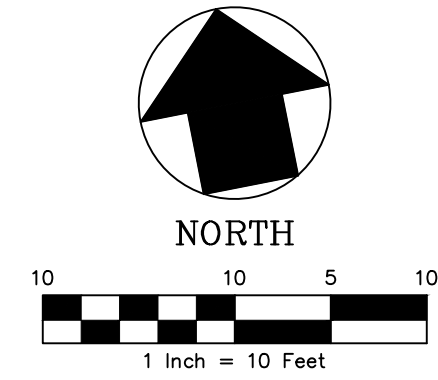
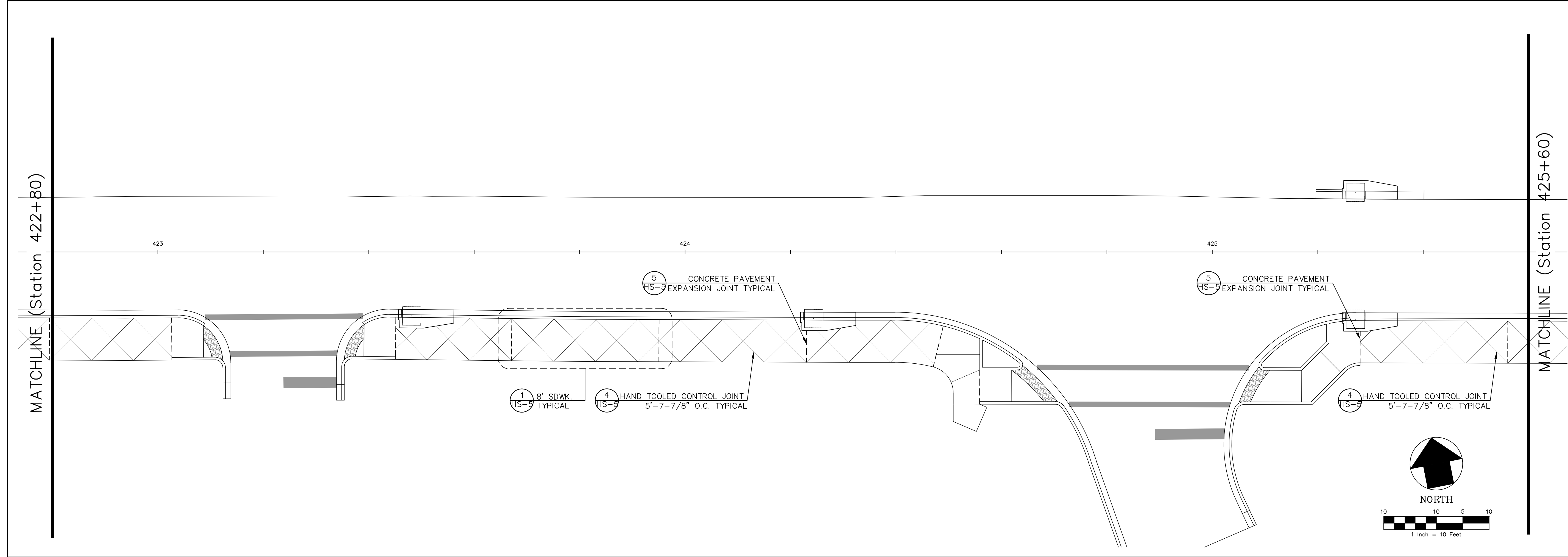
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SHEET TITLE		REVISIONS	
HARDSCAPE LAYOUT PLAN		NO.	DESCRIPTION
PROJECT NAME		DATE	REVISIONS
LAFAYETTE STREET STORMWATER CONVEYANCE		DESIGNED BY:	J.P.S.
PROJECT NUMBER		CHECKED BY:	J.P.S.
HS-1		DRAWN BY:	J.P.L.
		SCALE:	1" = 10'
		DATE:	06/21/2012
GGI, LLC dba GENESIS GROUP 2507 CALLAWAY ROAD, SUITE 100 TALLAHASSEE, FLORIDA 32303 (850) 224-4400 (850) 681-3600 FAX FROM VISION TO REALITY FL, CA 00099660 FL, LB 00068116 FL, LC 26000202			
PUBLIC WORKS DEPARTMENT STREETS AND DRAINAGE			
PREPARED FOR:  License Number 42091			

October 16, 2012 (10:30:56 EST)
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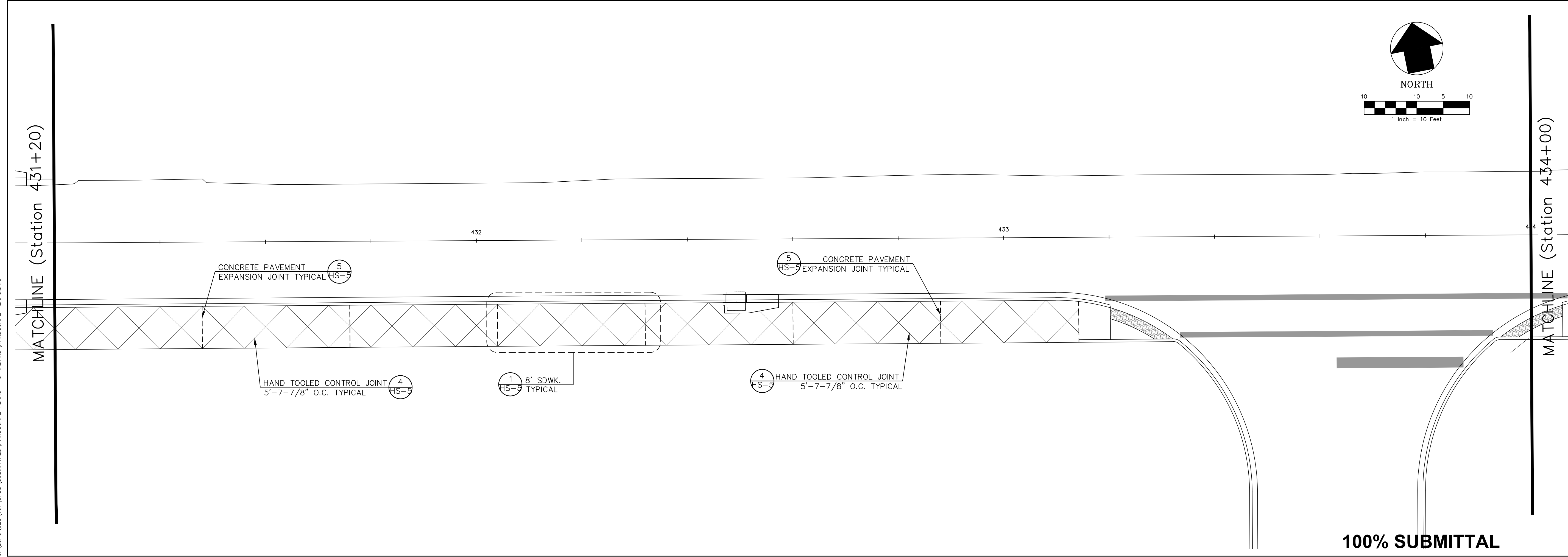


SHEET TITLE HARDSCAPE LAYOUT PLAN	PROJECT NAME LAFAYETTE STREET STORMWATER CONVEYANCE	SEAL James P. Sullivan, P.E. License Number 42091	 PREPARED FOR 	GGI, LLC dba GENESIS GROUP 2507 CALLAWAY ROAD, SUITE 100 TALLAHASSEE, FLORIDA 32303 (850) 224-4400 (850) 681-3600 FAX FL CA 00099660 FL LB 0006816 FL LC 26000202	
				GENESIS GROUP FROM VISION TO REALITY	
SHEET NUMBER HS-2	PROJECT NUMBER LCP3-028	DATE 06/21/2012	DESIGNED BY: J.P.L.	CHECKED BY: J.P.S.	PROJECT NUMBER LCP3-028
			SCALE: 1" = 10'		DATE 06/21/2012

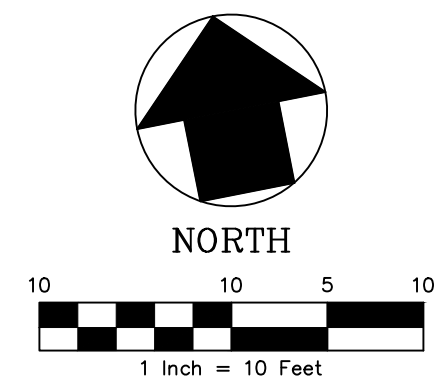
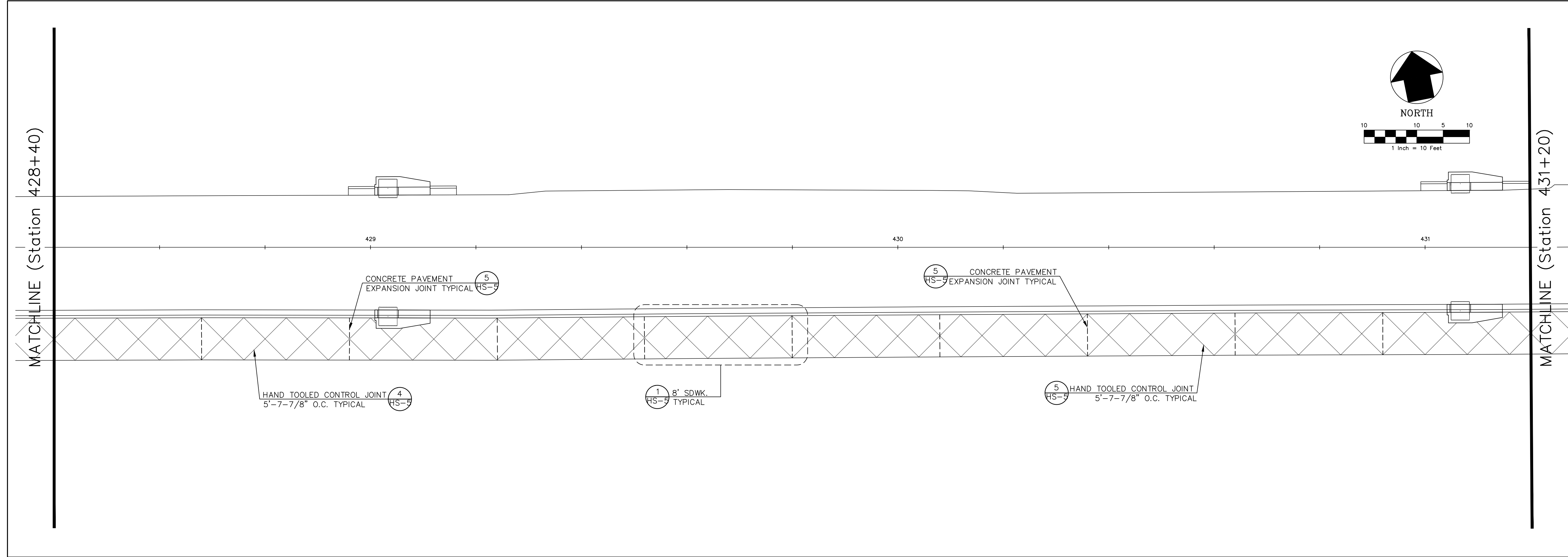
**PUBLIC WORKS DEPARTMENT
STREETS AND DRAINAGE**

NO.	DATE	DESCRIPTION	REVISIONS

October 16, 2012 (10:30:56 EST)
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100% SUBMITTAL



SHEET TITLE
UTILITY ADJUSTMENT PLAN


PROJECT NAME
LAFAYETTE STREET STORMWATER CONVEYANCE

SHEET NUMBER
HS-3

SEAL
 James P. Sullivan, P.E.
 License Number 42091

GGI, LLC dba GENESIS GROUP
 2507 CALLAWAY ROAD, SUITE 100
 TALLAHASSEE, FLORIDA 32303
 (850) 224-4400 (850) 681-3600 FAX
 FROM VISION TO REALITY FL-CA 00099660 FL-LB 0006816 FL-LC 26000202

GENESIS GROUP

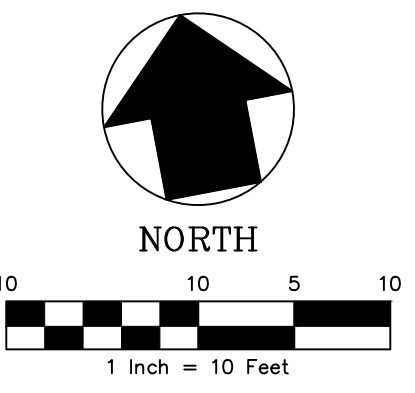
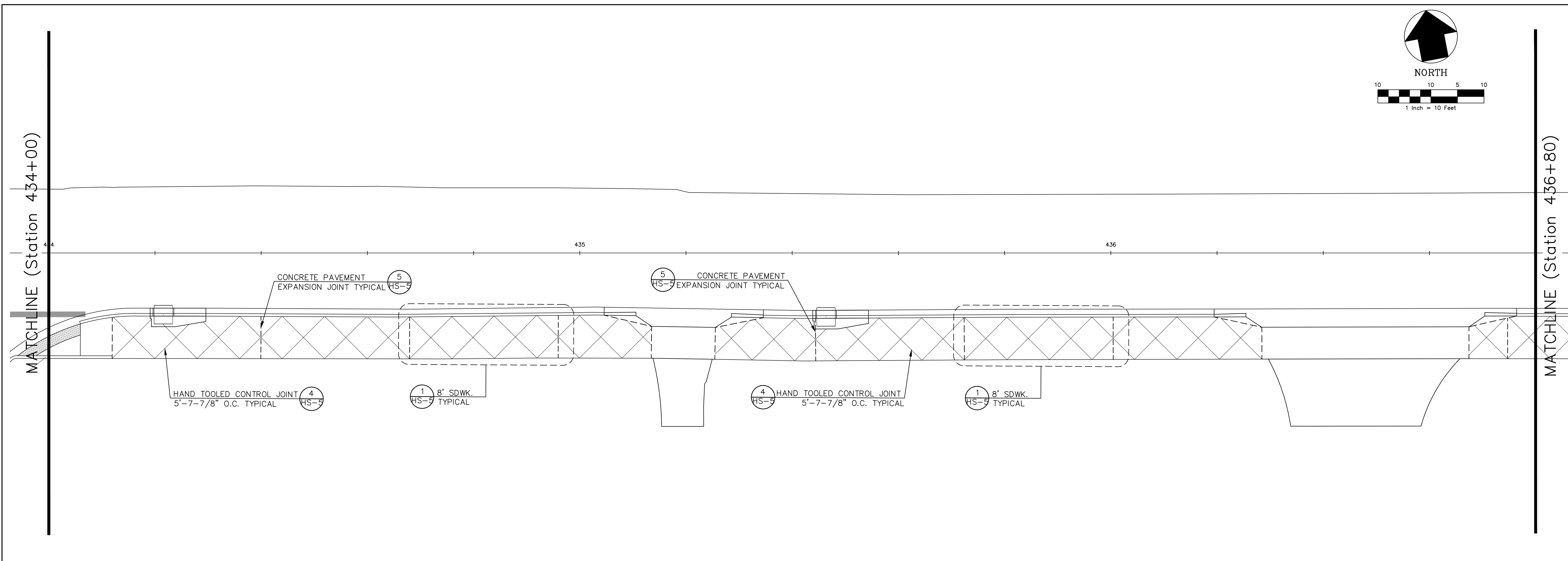
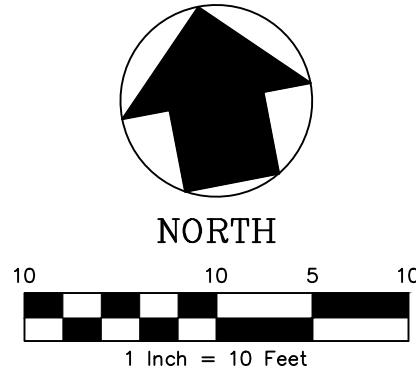
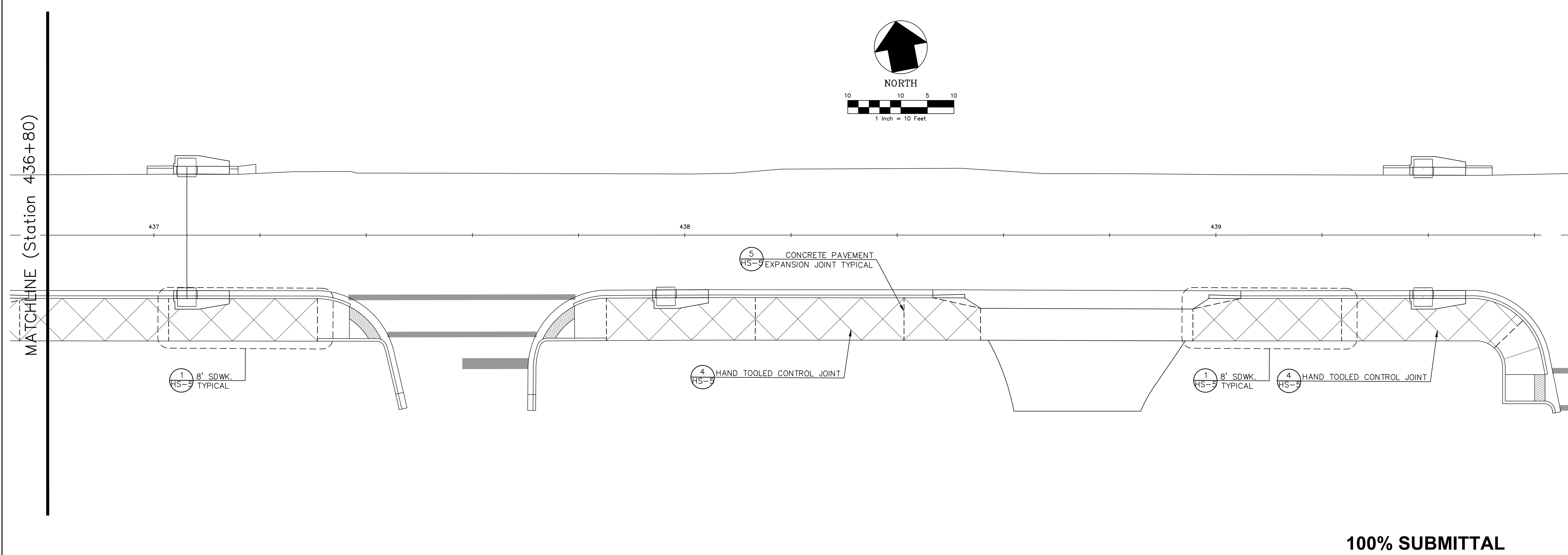
PREPARED FOR


**PUBLIC WORKS DEPARTMENT
 STREETS AND DRAINAGE**

NO.	DATE	DESCRIPTION	REVISIONS

DESIGNED BY: J.C.P.
 CHECKED BY: J.P.S.
 DRAWN BY: J.P.L.
 SCALE: 1" = 10'
 PROJECT NUMBER: LCP3-028
 DATE: 06/21/2012

October 16, 2012 (10:30:56 EST)
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SHEET TITLE
 SHEET NUMBER

UTILITY ADJUSTMENT
 PLAN

PROJECT NAME
 LAFAYETTE STREET
 STORMWATER CONVEYANCE

HS-4

SEAL

James P. Sullivan, P.E.
 License Number 42091

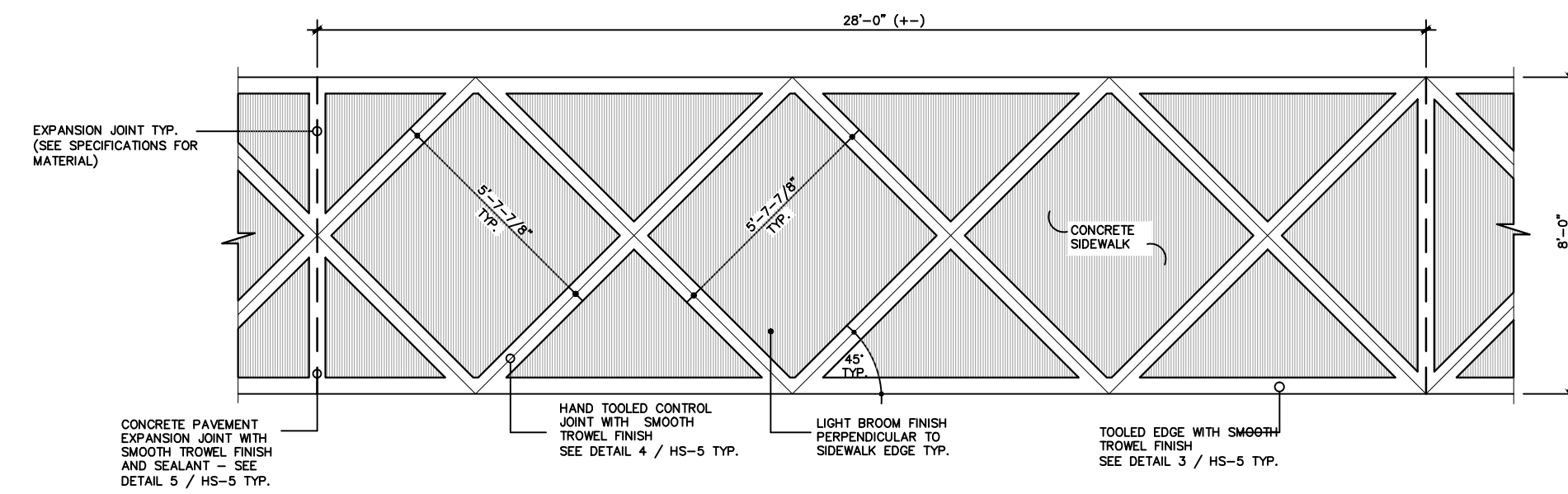


GENESIS GROUP
 FROM VISION TO REALITY
 GGI, LLC dba GENESIS GROUP
 2507 CALLAWAY ROAD, SUITE 100
 TALLAHASSEE, FLORIDA 32303
 (850) 224-4400 (850) 681-3600 FAX
 FL.CA 00099660 FL.LB 00068116 FL.LC 26000202

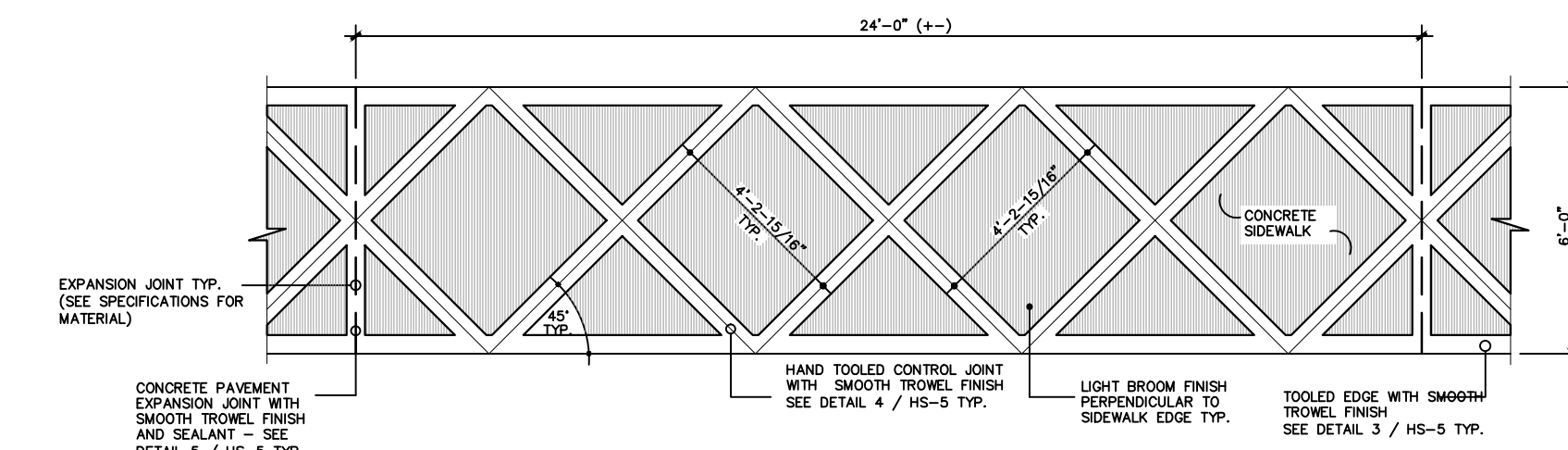
PUBLIC WORKS DEPARTMENT
 STREETS AND DRAINAGE

NO. DATE DESCRIPTION REVISIONS

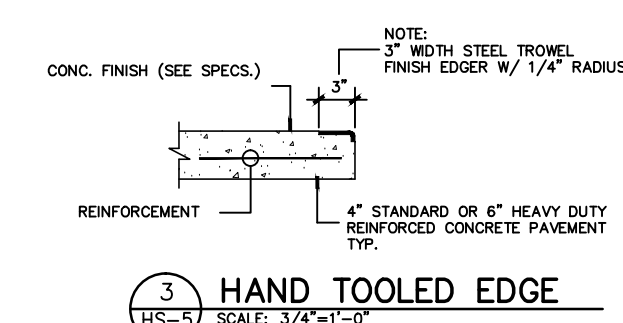
DESIGNED BY: J.C.P.
 CHECKED BY: J.P.S.
 DRAWN BY: J.P.L.
 SCALE: 1" = 10'
 PROJECT NUMBER: LCP3-028
 DATE: 06/21/2012



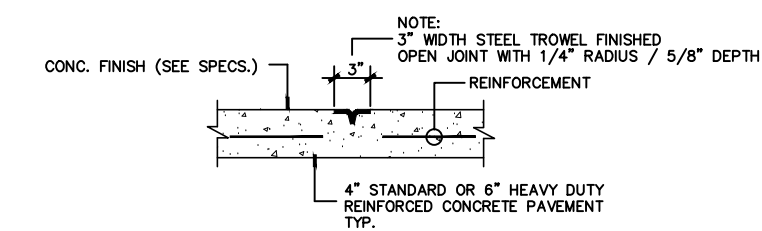
1 8' SIDEWALK—TYPICAL SCORING, JOINTING and FINISHING PLAN
 SCALE: 1/4"=1'-0"



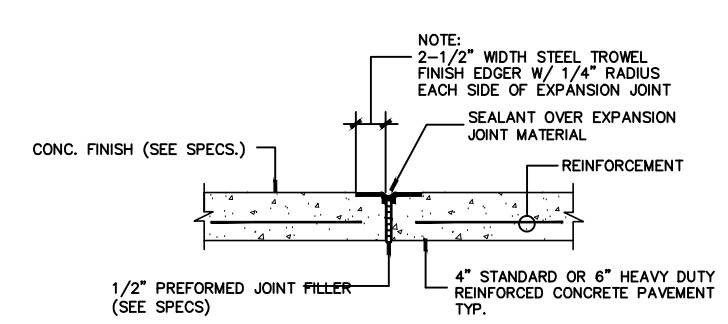
2 6' SIDEWALK—TYPICAL SCORING, JOINTING and FINISHING PLAN
 SCALE: 1/4"=1'-0"



3 HAND TOOLED EDGE
 SCALE: 3/4"=1'-0"



4 HAND TOOLED CONTROL JOINT
 SCALE: 3/4"=1'-0"



5 CONCRETE PAVEMENT EXPANSION JOINT WITH TOOLED EDGE
 SCALE: 3/4"=1'-0"

GENERAL HARDSCAPE CONSTRUCTION NOTES AND SPECIFICATIONS

- 1) EXISTING CONDITIONS: CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS OF EXISTING STRUCTURES AND SITE THAT ARE AFFECTED BY NEW WORK BEFORE PROCEEDING WITH FABRICATION AND CONSTRUCTION.
- 2) FASTENERS AND MOUNTING HARDWARE: ALL FASTENERS AND MOUNTING HARDWARE SHALL BE GRADE 316 STAINLESS STEEL (S.S.) UNLESS OTHERWISE NOTED ON DESIGN PLANS OR STATED HEREIN FOR A SPECIFIC APPLICATION.
- 3) SUB-GRADE PREPARATION: SUB-GRADE PREPARATION FOR PAVEMENTS SUBJECT TO VEHICULAR USE SHALL BE AS FOLLOWS:
 - COMPACTED FILL SHALL BE OPTIONAL BASE GROUP 4, GRADED AGGREGATE BASE PER FOOT INDEX 514 AND FOOT SPECIFICATION 204
 - SUB-GRADE SHALL BE COMPACTED TO 1" DEPTH TO LBR 40 PER FOOT STANDARD SPECIFICATION 160.
- 4) UNDER ALL FINISH HARDSCAPE AREAS, PLACE A1-BB OR A3 CLEAN SAND BOTTLE (LESS THAN 1 PERCENT ORGANIC CONTENT BY DRY WEIGHT) IN 12" LIFTS, COMPACTED TO 95 PERCENT MODIFIED PROCTOR DENSITY.
- 5) CONCRETE JOINTING: CONCRETE JOINTING AND JOINT LAYOUT SHALL BE IN ACCORDANCE WITH A03 330.
- 6) CAST-IN-PLACE CONCRETE: SHALL BE IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
- 7) SEALANTS AND CAULKING: JOINT SEALS SHALL BE A 2-PART POLYURETHANE OR POLYURETHANE CONFORMING TO U.S. FEDERAL SPECIFICATION TT-5-0022E. POURING (SELF-LEVELING) COMPOUNDS SHALL BE TYPE 1 AND GUN GRADE. (NON SAG) COMPOUNDS SHALL BE TYPE 2. SEALANTS SHALL BE APPLIED IN STRICT ACCORDANCE WITH THE INSTRUCTIONS OF THE MANUFACTURER, USING A SUITABLE PRIMER IF NECESSARY. APPROVED SEALANTS: SKAFLEX BY Sika Chemical Company, HORNIFLEX-L BY W.R. GRACE COMPANY AND WALKER 245 BY TREMCO, INC. PROJECT APPLICATION: PAVEMENT EXPANSION JOINTS.
- 8) EXPANSION JOINT MATERIAL: UNLESS OTHERWISE SPECIFIED ON DESIGN PLANS, JOINT MATERIAL SHALL BE 3/8" AND 1/2" THICKNESS REFLEX, AS MANUFACTURED BY THE J.D. RUSSEL COMPANY, (OR APPROVED EQUAL), (800) 888-8772. EXPANSION JOINT MATERIAL SHALL EXTEND THROUGH THE FULL THICKNESS OF THE CONCRETE PAVEMENT. SUBMITTAL MATERIAL SAMPLE.

NO.	DATE	DESCRIPTION	REVISIONS

GGI, LLC dba GENESIS GROUP
 2507 CALLAWAY ROAD, SUITE 100
 TALLAHASSEE, FLORIDA 32303
 (850) 224-4400 (850) 681-5600 FAX
 FL CA 0009660 FL LB 0006816 FL LC 26000202

GENESIS GROUP
 FROM VISION TO REALITY

**PUBLIC WORKS DEPARTMENT
 STREETS AND DRAINAGE**

PREPARED FOR

DESIGNED BY: J.C.P.
 CHECKED BY: J.P.S.
 DRAWN BY: J.P.L.
 PROJECT NUMBER: LCP3-028
 DATE: 06/21/2012
 SCALE: 1" = 10'

SEAL

SHEET TITLE
**HARDSCAPE CONSTRUCTION
 DETAILS AND SPECIFICATIONS**

PROJECT NAME
**LAFAYETTE STREET
 STORMWATER CONVEYANCE**

SHEET NUMBER
HS-5