

GENERAL NOTES:

- 1. THE CONTRACTOR SHALL HAVE ALL REQUIRED PERMITS IN-HAND PRIOR TO BEGINNING CONSTRUCTION, AND SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE PERMITS OBTAINED BY THE CITY AND THOSE PERMITS OBTAINED BY A CONTRACTOR.
2. AT LEAST THREE CALENDAR DAYS PRIOR TO THE PRECONSTRUCTION CONFERENCE, THE CONTRACTOR SHALL SUBMIT TO THE CITY BASE CONSTRUCTION SCHEDULE, TRAFFIC CONTROL PLAN, PRECONSTRUCTION SURVEY, AND PRECONSTRUCTION SURVEY, AND SEDIMENT AND EROSION CONTROL PLAN. NO WORK SHALL BEGIN PRIOR TO APPROVAL OF THE CONSTRUCTION SCHEDULE, TRAFFIC CONTROL PLAN, PRECONSTRUCTION SURVEY, AND SEDIMENT AND EROSION CONTROL PLAN.
3. THE CONSTRUCTION SCHEDULE SHALL DESCRIBE IN DETAIL HOW THE CONSTRUCTION IS TO BE PHASED, ESTABLISH START AND FINISH DATES FOR ALL SIGNIFICANT CONSTRUCTION ACTIVITIES, AND IDENTIFY ALL CONTROLLING ITEMS OF WORK. THE SCHEDULE IS TO BE APPROVED BY THE ENGINEER, AND SHALL BE UPDATED ON A MONTHLY BASIS TO REFLECT ACTUAL WORK PROGRESS. THE UPDATED SCHEDULE SHALL BE SUBMITTED TO THE ENGINEER NO LATER THAN THREE DAYS PRIOR TO EACH SCHEDULED MONTHLY PROGRESS MEETING. PAYMENT FOR PREPARING, UPDATING AND SUBMITTING THE SCHEDULE SHALL BE INCLUDED IN THE PAY ITEM FOR MOBILIZATION.
4. THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED FOR APPROVAL BY THE CITY'S TRAFFIC MOBILITY MANAGEMENT SECTION, AND SHALL DESCRIBE THE MEASURES TO BE EMPLOYED DURING CONSTRUCTION TO WARN MOTORISTS AND PEDESTRIANS OF HAZARDS, TO ADVISE MOTORISTS OF THE PROPER TRAVEL PATH THROUGH OR AROUND THE WORK AREA, TO DELINEATE AREAS WHERE TRAFFIC SHOULD NOT OPERATE, AND TO SEPARATE AND PROTECT MOTORISTS, PEDESTRIANS AND THE WORK FORCE DURING ALL PHASES OF THE WORK. THE PLAN SHALL ALSO CONSIDER ACCESS TO BUSINESSES WITHIN THE CONSTRUCTION AREA AND PROVIDE BUSINESS ENTRANCE SIGNS TO ROUTE MOTORISTS TO DESIGNATED PARKING AREAS. PAYMENT FOR PREPARING AND SUBMITTING THE TRAFFIC CONTROL PLAN SHALL BE INCLUDED IN THE PAY ITEM FOR MOBILIZATION.
5. THE PRECONSTRUCTION SURVEY SHALL VERIFY THE CONTROL POINTS AND BENCH MARK ELEVATIONS PROVIDED BY THE ENGINEER AND SHALL ALSO ESTABLISH THE LOCATION AND DESCRIPTION OF ALL ADDITIONAL REFERENCE POINTS AND THE LOCATIONS, DESCRIPTIONS, AND ELEVATIONS OF ALL ADDITIONAL BENCHMARKS TO BE USED IN CONSTRUCTING THE PROJECT. THE SURVEY SHALL BE SIGNED AND SEALED BY A PROFESSIONAL SURVEYOR AND MAPPER REGISTERED IN THE STATE OF FLORIDA. ANY INCONSISTENCIES BETWEEN THE FIELD NOTES AND THE CONTROL POINTS AND BENCH MARK ELEVATIONS PROVIDED BY THE ENGINEER SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION PRIOR TO ISSUANCE OF THE NOTICE TO PROCEED. PAYMENT SHALL BE INCLUDED IN THE PAY ITEM FOR MOBILIZATION.
6. THE GEOTECHNICAL INFORMATION SHOWN ON THE DRAWINGS WAS OBTAINED FOR USE IN ESTABLISHING DESIGN CRITERIA FOR THE PROJECT. THIS INFORMATION MAY NOT ACCURATELY REFLECT ACTUAL SOIL CONDITIONS AS TO THE DEPTH, EXTENT OR CHARACTER OF THE MATERIAL. IT IS ENCOUNTERED IN CONSTRUCTION OF THE PROJECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE SUCH EXAMINATION OF THE SITE OF THE WORK AS MAY BE NECESSARY TO DETERMINE THE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED.
7. THE CONTRACTOR IS RESPONSIBLE FOR PRESERVING ALL PROPERTY CORNERS AND MONUMENTS SHOWN ON THE DRAWINGS OR FOUND DURING CONSTRUCTION. IF A PROPERTY CORNER OR MONUMENT IS DESTROYED OR DISTURBED, THE CONTRACTOR WILL HAVE IT REPLACED AND CERTIFIED BY A PROFESSIONAL SURVEYOR AND MAPPER REGISTERED IN THE STATE OF FLORIDA. ALL COSTS FOR PRESERVING, REPLACING AND CERTIFYING PROPERTY CORNERS AND MONUMENTS WILL BE INCLUDED IN THE PAY ITEM FOR MOBILIZATION.
8. ANY NATIONAL GEODETIC SURVEY MONUMENT WITHIN THE LIMITS OF CONSTRUCTION MUST BE PROTECTED. IF IN DANGER OF DAMAGE, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND:
FDEP, BUREAU OF SURVEY AND MAPPING, MS 100
3900 COMMONWEALTH BLVD.
TALLAHASSEE, FLORIDA 32309
(850) 245-2555 (OFFICE)
(850) 245-2572 (FAX)
9. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS BASED ON INFORMATION PROVIDED BY THE UTILITY OWNERS, AVAILABLE RECORDS, AND SURVEYED FIELD INFORMATION. THE INFORMATION MAY NOT REFLECT ACTUAL CONDITIONS, INCLUDE ALL UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED, OR SHOW THE UTILITIES IN THE CORRECT HORIZONTAL OR VERTICAL LOCATIONS. THE CONTRACTOR SHALL MAKE HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UTILITIES AS NECESSARY TO ESTABLISH THEIR LOCATIONS AND AVOID DAMAGE. THE FOLLOWING UTILITIES SHOULD BE CONTACTED FOR INFORMATION CONCERNING TYPE AND LOCATION OF THEIR FACILITIES. THE LIST MAY NOT INCLUDE ALL UTILITIES IN THE AREA.
SUNSHINE STATE ONE-CALL OF FLORIDA 811 OR 800-432-4770 (5 DAYS NOTIFICATION PRIOR TO CONSTRUCTION)
CITY OF TALLAHASSEE/ELECTRIC UTILITY 850-891-5091
CITY OF TALLAHASSEE/GAS UTILITY 850-891-5100
CITY OF TALLAHASSEE/WATER UTILITY 850-891-6107
CITY OF TALLAHASSEE/SEWER UTILITY 850-891-6107
COMCAST (CABLE TELEVISION) 850-574-4080
CENTURYLINK (TELEPHONE) 850-598-1502
AT&T (COMMUNICATIONS) 850-242-9087
SOUTHERN LIGHT (COMMUNICATIONS) 251-662-1170
10. PRIOR TO ANY SCHEDULED INTERRUPTION OF UTILITY SERVICE, THE CONTRACTOR SHALL COORDINATE SUCH INTERRUPTION WITH THE UTILITY PROVIDER AND SHALL PROVIDE A MINIMUM 24-HOUR NOTICE TO THE AFFECTED PARTIES. IN THE CASE OF A WATER MAIN SHUT DOWN, A MINIMUM 24-HOUR NOTICE ALSO SHALL BE PROVIDED TO THE TALLAHASSEE FIRE DEPARTMENT. THE CONTRACTOR SHALL NOTIFY THE ELECTRIC UTILITY A MINIMUM OF TWO WEEKS PRIOR TO CONSTRUCTION IN THE VICINITY OF THEIR FACILITIES.
11. THE CONTRACTOR SHALL NOTIFY THE GAS UTILITY (850-891-5100) A MINIMUM OF TWO WORKING DAYS PRIOR TO ANY EXCAVATION IN THE VICINITY OF GAS MAINS AS REQUIRED BY CHAPTER 77-153 OF THE FLORIDA STATUTES. A GAS DEPARTMENT INSPECTOR WILL BE ON SITE WHEN WORK ACTIVITIES TAKE PLACE NEAR GAS MAINS. A MINIMUM OF 72 HOURS NOTICE SHALL BE PROVIDED FOR ANY REQUEST FOR GAS MAIN EXPOSURE OR ADJUSTMENT.
12. ALL UTILITIES IN CONFLICT WITH CONSTRUCTION ARE TO BE ADJUSTED OR RELOCATED BY OTHERS UNLESS NOTED OTHERWISE ON THE DRAWINGS OR DIRECTED BY THE ENGINEER.
13. WHERE THE REQUIRED MINIMUM SEPARATION BETWEEN UTILITIES IS SPECIFIED, THE DISTANCE SHALL BE MEASURED FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE.
14. LIMITS OF CONSTRUCTION ARE DEFINED IN THE PLANS AND CONSIST OF ROADWAY RIGHTS-OF-WAY, CITY OF TALLAHASSEE PROPERTIES, DRAINAGE RIGHTS-OF-WAY, PERMANENT DRAINAGE AND/OR UTILITY EASEMENTS, AND TEMPORARY CONSTRUCTION EASEMENTS.
15. NO TRENCHES WILL BE ALLOWED TO REMAIN OPEN OVERNIGHT.
16. ALL EXISTING DRAINAGE STRUCTURES AND PIPES, PAVEMENT, SIDEWALKS, CURBS, ETC., WITHIN THE LIMITS OF CONSTRUCTION ARE TO REMAIN UNLESS OTHERWISE NOTED ON THE DRAWINGS OR DIRECTED BY THE ENGINEER. ALL DRAINAGE STRUCTURES, PIPES, PAVEMENT, SIDEWALKS, CURBS, ETC., THAT ARE TO REMAIN THAT ARE DAMAGED DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR AND IF DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED WITH THE SAME TYPE AND MATERIAL AT NO COST TO THE CITY.
17. ALL STORM MANHOLES OR STRUCTURES DESIGNATED TO BE ABANDONED IN PLACE SHALL BE REMOVED TO A MINIMUM OF THREE FEET BELOW GRADE AND FILLED WITH COMPACTED SAND.
18. EXISTING CONCRETE AND ASPHALTIC CONCRETE DRIVEWAYS AND SIDEWALKS SHALL BE SAW-CUT AS REQUIRED FOR CONSTRUCTION.
19. ALL SIDEWALKS AND CURB RAMPS REMOVED DURING CONSTRUCTION SHALL BE RECONSTRUCTED TO MEET CURRENT ADA STANDARDS.
20. THE CONTRACTOR SHALL PUT FORTH EVERY REASONABLE EFFORT TO MINIMIZE DISRUPTION AND DISTURBANCE OF ADJACENT PROPERTIES. ACCESS BY PROPERTY OWNERS AND RESIDENTS TO THEIR PROPERTY SHALL BE MAINTAINED AT ALL TIMES, AND ANY BARRICADES OF ACCESS MUST BE COORDINATED WITH THE AFFECTED PROPERTY OWNERS AND RESIDENTS.
21. ALL FENCES IN CONFLICT WITH CONSTRUCTION SHALL BE REMOVED AND REPLACED IN THEIR ORIGINAL LOCATIONS OR IN OTHER LOCATIONS AS DIRECTED BY THE ENGINEER. THE CONTRACTOR MAY, AT HIS OPTION, USE NEW FENCING MATERIAL OF THE SAME TYPE THAT WAS REMOVED OR REUSE THE FENCING MATERIAL THAT WAS REMOVED IF IT IS UNDAAMAGED BY CONSTRUCTION ACTIVITIES. ALL FENCES DAMAGED BY CONSTRUCTION ACTIVITIES ARE TO BE REPLACED WITH NEW FENCING MATERIAL OF THE SAME TYPE THAT WAS REMOVED.
22. THE CONTRACTOR SHALL EXERCISE DUE CARE IN THE REMOVAL OF EXISTING FENCES TO MAINTAIN SECURITY AT THE AFFECTED PROPERTIES AND TO ENSURE THE SAFETY OF PETS, ANIMALS AND CHILDREN. IF IN THE OPINION OF THE ENGINEER, REMOVAL OF A FENCE WILL RESULT IN AN UNACCEPTABLE REDUCTION IN SECURITY OR SAFETY, THE CONTRACTOR SHALL INSTALL A TEMPORARY FENCE AS DIRECTED BY THE ENGINEER PRIOR TO REMOVAL OF THE EXISTING FENCE. THE TEMPORARY FENCE SHALL REMAIN IN PLACE UNTIL THE PERMANENT FENCE IS INSTALLED.
23. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL TREES AND LANDSCAPING ON ADJACENT PROPERTIES, AND WILL BE SOLELY LIABLE FOR DAMAGE TO VEGETATION ON PROPERTIES ADJACENT TO CONSTRUCTION WORK ZONES. ALL TREES WITHIN THE LIMITS OF CONSTRUCTION THAT ARE NOT IDENTIFIED ON THE PLANS TO BE REMOVED SHALL BE PROTECTED TO THE MAXIMUM EXTENT PRACTICABLE. TREE PROTECTION BARRICADES SHALL BE INSTALLED AND MAINTAINED AROUND ALL TREES THAT ARE TO BE PROTECTED AS SHOWN ON THE DRAWINGS OR AS DIRECTED BY THE ENGINEER.

- 24. THE CONTRACTOR SHALL NOT DISTURB GRASSING OR LANDSCAPING OUTSIDE CONSTRUCTION WORK ZONES. THE CONTRACTOR SHALL BE SOLELY LIABLE FOR DAMAGE TO VEGETATION OUTSIDE CONSTRUCTION WORK ZONES AND SHALL RESTORE AT NO COST TO THE CITY ANY AREAS THAT ARE DAMAGED INCLUDING AREAS WITHIN THE LIMITS OF CONSTRUCTION OR ON ADJACENT PROPERTIES USING, TO THE EXTENT PRACTICABLE, THE SAME TYPES AND SIZES OF PLANT MATERIAL THAT EXISTED PRIOR TO CONSTRUCTION.
25. THE LOCATION AND CONSTRUCTION OF MAILBOXES SHALL BE IN CONFORMANCE WITH THE RULES AND REGULATIONS OF THE UNITED STATES POSTAL SERVICE. WHEN A MAILBOX IN CONFLICT WITH CONSTRUCTION IS REMOVED, THE CONTRACTOR SHALL FURNISH AND INSTALL A TEMPORARY MAILBOX AND SHALL MAINTAIN THE TEMPORARY MAILBOX UNTIL A NEW MAILBOX IS INSTALLED. THE CONTRACTOR SHALL CONSTRUCT A NEW MAILBOX TO MATCH, AS CLOSE AS PRACTICABLE, THE LOCATION, TYPE, SIZE, MATERIAL, AND COLOR OF THE ORIGINAL MAILBOX. IN LIEU OF CONSTRUCTING A NEW MAILBOX, THE EXISTING MAILBOX MAY BE REUSED IF IT MEETS THE RULES AND REGULATIONS OF THE UNITED STATES POSTAL SERVICE AND IS FUNCTIONALLY SOUND.
26. DISTURBED AREAS SHALL BE COMPACTED (AT A MINIMUM) EQUAL TO ADJACENT UNDISTURBED GROUND EXCEPT WHEN OTHERWISE SPECIFIED.
27. PROPERTIES ADJACENT TO WORK ZONES SHALL BE GRADED TO DRAIN WITHIN THE LIMITS OF CONSTRUCTION.
28. ALL DISTURBED AREAS WITHIN CONSTRUCTION WORK ZONES ARE TO BE GRASSED EXCEPT FOR AREAS THAT ARE LANDSCAPED, PAVED, OR BELOW NORMAL WATER LEVEL. EXISTING GRASSED AREAS SHALL BE REPLANTED WITH SOD OF THE SAME GRASS TYPE AS EXISTING, UNLESS OTHERWISE SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER. CENTIPEDE SOD WILL BE USED FOR DISTURBED AREAS NOT CURRENTLY GRASSED. REINFORCEMENT MAT SHALL BE INSTALLED BENEATH SOD PLACED ON SLOPES OF 2H:1V OR STEEPER, AND THE SOD SHALL BE STAPLED. COSTS FOR REINFORCEMENT MAT, STAPLING, FERTILIZING, AND WATERING SHALL BE INCLUDED IN THE UNIT PRICE OF THE PAY ITEM FOR PERFORMANCE TURF.
29. PRIOR TO REQUESTING A FINAL INSPECTION, THE CONTRACTOR SHALL PREPARE AND SUBMIT TO THE ENGINEER FOUR COMPLETE SETS OF CERTIFIED AS-BUILT RECORD DRAWINGS AND TWO COPIES OF THE DIGITAL FILES ON CD-ROM DISKS.

SUPPLEMENTAL GENERAL NOTES:

- 1. City of Tallahassee, Surveying Section (850-891-6475), PROVIDED THE TOPOGRAPHY, BENCHMARKS, RIGHTS-OF-WAY AND UTILITY LOCATION INFORMATION SHOWN ON THE CONSTRUCTION DRAWINGS. ELEVATIONS ARE BASED ON NGVD 29 Vertical Datum.
2. THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL VALVE BOXES ON GAS AND WATER MAINS WITHIN THE LIMITS OF CONSTRUCTION THAT ARE TO REMAIN IN SERVICE. PRIOR TO COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL ADJUST ALL VALVE BOXES WITHIN CONSTRUCTION AREAS SO THE TOPS ARE FLUSH WITH FINISHED PAVEMENT OR WITH FINISHED GRADE IN UNPAVED AREAS.

SUPPLEMENTAL GENERAL NOTES - STORMWATER CONSTRUCTION:

- 1. ALL NEW OR REPLACEMENT STORM DRAINS OR CULVERTS SHALL BE CLASS II STEEL REINFORCED CONCRETE PIPE IN ACCORDANCE WITH STANDARD SPECIFICATION 449.4 OR FDOT APPROVED POLYPROPYLENE PIPE UNLESS NOTED OTHERWISE ON THE DRAWINGS. WHEN THE PLANS DESIGNATE A TYPE OF PIPE, THE CONTRACTOR MAY USE ONLY THE TYPE DESIGNATED. THE CONTRACTOR SHALL NOT USE A TYPE OF PIPE NOT DESIGNATED ON THE DRAWINGS WITHOUT WRITTEN APPROVAL FROM THE ENGINEER. ALL PIPES SHALL BE CUT FLUSH WITH INSIDE OF DRAINAGE STRUCTURE.
2. ALL REINFORCED CONCRETE PIPE SHALL BE INSTALLED USING SELECT BEDDING MATERIAL TO PROVIDE A FOUR-INCH MINIMUM DEPTH FOUNDATION BENEATH THE BARREL OF THE PIPE AND FOR BACKFILL UP TO THE SPRINGLINE (CENTER) OF THE PIPE. BACKFILL AROUND POLYPROPYLENE PIPE SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
3. ALL JOINTS OF CONCRETE PIPES, CULVERTS, AND STORM SEWERS SHALL HAVE A FILTER FABRIC JACKET AS DETAILED ON STANDARD INDEX NO. 280, UNLESS NOTED OTHERWISE ON THE DRAWINGS OR DIRECTED BY THE ENGINEER.
4. ALL PIPE CULVERTS AND STORM SEWERS 48-INCHES OR LESS IN DIAMETER SHALL BE VIDEO TAPED IN ACCORDANCE WITH SECTION 430.4.8 OF THE STANDARD SPECIFICATIONS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
5. ALL CURB INLETS, DITCH BOTTOM INLETS, AND MANHOLES SHALL HAVE TRAFFIC BEARING FRAMES AND COVERS OR GRATES MEETING HS-20 LOADING REQUIREMENTS UNLESS OTHERWISE SHOWN ON THE PLANS.
6. ALL STORM DRAIN COVERS SHALL BE TYPE TSJ (U.S. FOUNDRY NO. 8017195), OR APPROVED EQUAL.
7. ALL TYPE J STRUCTURE BOTTOMS SHALL HAVE A MINIMUM 6'-0" WALL HEIGHT WHEN POSSIBLE.
8. ALL GRATES SHALL BE CHAINED AND LOCKED IN ACCORDANCE WITH STANDARD INDEX NO. 201. COST OF EYEBOLTS AND CHAIN SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE STRUCTURES.
9. WHERE PLACEMENT OF CONCRETE ENCASEMENT AROUND SANITARY SEWER MAINS IS REQUIRED IN CONJUNCTION WITH THE INSTALLATION OF STORM DRAINS, THE SANITARY SEWER MAIN WILL BE EXCAVATED TO THE WIDTH OF THE STORM DRAIN PIPE TRENCH TO A MINIMUM DEPTH OF SIX INCHES BELOW THE BOTTOM OF THE SEWER MAIN, AND CONCRETE WILL BE PLACED AROUND THE SEWER MAIN TO A MINIMUM THICKNESS OF SIX INCHES. ALL COSTS FOR THE PLACEMENT OF CONCRETE ENCASEMENT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR CLASS NS CONCRETE.
10. WHERE REPLACEMENT OF SANITARY SEWER MAIN WITH DUCTILE IRON PIPE IS REQUIRED IN CONJUNCTION WITH THE INSTALLATION OF STORM DRAIN, THE SEWER MAIN WILL BE CUT AND REMOVED AND WILL BE REPLACED WITH ONE PIPE LENGTH OF NEW DUCTILE IRON PIPE OF EQUIVALENT SIZE. THE JOINTS CONNECTING THE DUCTILE IRON PIPE TO THE EXISTING SEWER MAIN WILL BE LOCATED EQUIDISTANT FROM THE CENTERLINE OF THE STORM DRAIN. ALL COSTS ASSOCIATED WITH REMOVAL OF EXISTING SANITARY SEWER MAIN AND INSTALLATION OF DUCTILE IRON PIPE WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR DUCTILE IRON SEWER PIPE OF THE APPROPRIATE SIZE.
11. WHERE A UTILITY IS IN CONFLICT WITH THE INSTALLATION OF A NEW STORM DRAIN, THE UTILITY SHALL BE ADJUSTED OR RELOCATED TO ELIMINATE THE CONFLICT. IF THE CONFLICT CANNOT BE REASONABLY AVOIDED, A CONFLICT PREVENTION PLAN WITH ACCESS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD INDEX NO. 307 WITH THE EXCEPTION THAT FOR UTILITY CONFLICT CONDITION II (PRESSURE OR FLUID CARRIER INSTALLATIONS), A CARRIER PIPE IS NOT REQUIRED IF DUCTILE IRON PIPE IS USED FOR THE UTILITY AND NO PIPE JOINTS ARE LOCATED WITHIN THE CONFLICT STRUCTURE. "NOTCHING" OF A STORM DRAIN PIPE OR STRUCTURE TO ACCOMMODATE A UTILITY SHALL NOT BE ALLOWED. NO UTILITY SHALL BE INSTALLED THROUGH ANY PORTION OF A STORM DRAIN PIPE WITHOUT A CONFLICT STRUCTURE.
12. WHEN CONSTRUCTING CURB INLETS OR REPLACING EXISTING CURB AND GUTTER, THE NEW LIP OF CURB ELEVATION AND LOCATION SHALL MATCH EXISTING LIP OF CURB ELEVATION AND LOCATION, UNLESS SHOWN OTHERWISE IN THE PLANS. PRIOR TO DEMOLITION OF EXISTING CURB AND GUTTER, THE CONTRACTOR SHALL SURVEY THE EXISTING CURB AND GUTTER AS NEEDED IN ORDER TO RE-ESTABLISH THE LIP OF CURB ELEVATION AND LOCATION.

SUPPLEMENTAL GENERAL NOTES - TRAFFIC CONTROL:

- 1. THE CONTRACTOR SHALL OBTAIN TRAFFIC CONTROL PLAN APPROVAL FROM THE CITY OF TALLAHASSEE TRAFFIC MOBILITY MANAGEMENT SECTION PRIOR TO BEGINNING CONSTRUCTION.
2. ACCESS TO BUSINESS AND RESIDENTIAL DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES.
3. NO ROADWAYS (INCLUDING COUNTY ROADS) SHALL BE CLOSED WITHOUT PRIOR APPROVAL OF THE CITY OF TALLAHASSEE TRAFFIC MOBILITY MANAGEMENT SECTION.
4. ALL TRAFFIC CONTROL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND/OR THE FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS.
5. ALL TRAFFIC CONTROL DEVICES SHALL BE IN PLACE BEFORE THE START OF CONSTRUCTION ON AFFECTED ROADWAYS.
6. WARNING LIGHTS SHALL BE USED ON BARRICADES DURING HOURS OF DARKNESS IN ACCORDANCE WITH INDEX NO. 600.

SUPPLEMENTAL GENERAL NOTES - SEDIMENT AND EROSION CONTROL:

- 1. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE PREVENTION, CONTROL, AND ABATEMENT OF EROSION, WATER POLLUTION, AND THE TRANSPORTATION OF ERODED MATERIALS OFF SITE.
2. THE CONTRACTOR SHALL PREPARE A SEDIMENT AND EROSION CONTROL PLAN TO ACCOMPANY THE STORMWATER POLLUTION PREVENTION PLAN AND THE SEDIMENT AND EROSION CONTROL PLAN INCLUDED IN THE PLANS. THE SEDIMENT AND EROSION CONTROL PLAN SHALL BE PREPARED IN ACCORDANCE WITH THE "FLORIDA EROSION AND SEDIMENT CONTROL MANUAL" AND SHALL BE SPECIFIC TO THE MEANS, METHODS, AND SEQUENCE OF CONSTRUCTION TO BE EMPLOYED BY THE CONTRACTOR AND SHALL IDENTIFY THE TYPES AND LOCATIONS OF CONTROLS THAT ARE TO BE IMPLEMENTED DURING EACH PHASE OF CONSTRUCTION AS SHOWN ON THE APPROVED CONSTRUCTION SCHEDULE TO MINIMIZE EROSION, PREVENT THE TRANSFER OF ERODED MATERIALS ONTO ANY OFF SITE PARCEL, OR INTO ANY RECEIVING WATER, AND PREVENT VIOLATING STATE AND/OR FEDERAL PERMIT REQUIREMENTS. PAYMENT FOR PREPARING AND SUBMITTING THE SEDIMENT AND EROSION CONTROL PLAN AND FOR ANY MODIFICATIONS TO THE SEDIMENT AND EROSION CONTROL PLAN DURING CONSTRUCTION WILL BE INCLUDED IN THE PAY ITEM FOR MOBILIZATION. THE SEDIMENT AND EROSION CONTROL PLAN SHALL DESCRIBE BUT

NOT BE LIMITED TO THE FOLLOWING ITEMS FOR EACH PHASE OF CONSTRUCTION OPERATIONS OR ACTIVITIES:

- A. TYPES AND LOCATIONS OF ALL EROSION CONTROL DEVICES
B. ESTIMATED TIME EROSION CONTROL DEVICES WILL BE IN OPERATION
C. SCHEDULES FOR MONITORING AND MAINTENANCE OF EROSION CONTROL DEVICES
D. METHODS OF MAINTAINING EROSION CONTROL DEVICES
E. METHODS FOR CONTAINMENT OR REMOVAL OF POLLUTANTS OR HAZARDOUS WASTES
F. NAME AND PHONE NUMBERS OF PERSON RESPONSIBLE FOR MONITORING AND MAINTAINING EROSION CONTROL DEVICES
3. NO CONSTRUCTION ACTIVITIES SHALL BEGIN UNTIL THE SEDIMENT AND EROSION CONTROL PLAN HAS RECEIVED WRITTEN APPROVAL FROM THE ENGINEER.
4. THE CONTRACTOR SHALL UPDATE THE SEDIMENT AND EROSION CONTROL PLAN AND/OR THE DEWATERING PLAN WHENEVER THERE IS A CHANGE IN CONSTRUCTION SEQUENCE OR ACTIVITIES THAT HAS A SIGNIFICANT EFFECT ON THE POTENTIAL FOR THE DISCHARGE OF POLLUTANTS OFF SITE OR INTO ANY RECEIVING WATER AND SHALL SUBMIT THE UPDATED PLAN FOR REVIEW AND APPROVAL BY THE ENGINEER.
5. EROSION AND SEDIMENT CONTROLS SHALL BE PLACED PRIOR TO OR AS THE FIRST STEP IN CONSTRUCTION AND SHALL BE IN PLACE BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL.
6. FIELD CONDITIONS MAY REQUIRE THE USE OF ADDITIONAL TYPES AND QUANTITIES OF SEDIMENT AND EROSION CONTROL DEVICES DURING CONSTRUCTION AS DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.
7. THE CONTRACTOR SHALL INSPECT ALL SEDIMENT AND EROSION CONTROL DEVICES PRIOR TO SUSPENSION OF WORK ACTIVITIES EACH DAY, IMMEDIATELY AFTER EACH RAINFALL, AND AT LEAST DAILY DURING PROLONGED RAINFALL TO ENSURE THAT THE DEVICES ARE PROPERLY LOCATED AND MAINTAINED FOR EFFECTIVENESS. ANY REQUIRED REMEDIAL ACTION SHALL BE PERFORMED IMMEDIATELY.
8. SEDIMENT TRAPPED BY THE EROSION CONTROL DEVICES IS TO BE REMOVED BY THE CONTRACTOR AFTER EACH RAIN STORM.
9. THE AMOUNT OF AREA DISTURBED AT ONE TIME SHALL BE LIMITED TO THE MINIMUM NECESSARY TO ADEQUATELY IMPLEMENT THE WORK. CONSTRUCTION OPERATIONS SHALL BE CONTROLLED TO MINIMIZE UNPROTECTED AREAS EXPOSED TO WEATHER, AND AREAS OUTSIDE THE LIMITS OF CONSTRUCTION SHALL NOT BE DISTURBED.
10. EXCAVATED MATERIAL SHALL NOT BE DEPOSITED IN LOCATIONS WHERE IT COULD BE WASHED AWAY BY HIGH WATER OR BY STORMWATER RUNOFF, AND STOCKPILES SHALL BE COVERED OR ENCLOSED WITH SEDIMENT CONTAINMENT DEVICES.
11. DURING THE INSTALLATION OF STORM DRAIN OR UTILITY PIPING, SYNTHETIC BALE BARRIERS SHALL BE PLACED BELOW THE WORK ZONES TO AID IN CONTROLLING THE TRANSFER OF ERODED MATERIAL OFF SITE.
12. NEW AND EXISTING DRAINAGE STRUCTURES SHALL BE PROTECTED FROM SILTATION DURING CONSTRUCTION. BARRIERS SHALL BE PLACED AROUND ALL INCOMPLETE STORMWATER INLETS AND MANHOLES DURING CONSTRUCTION. CURB INLET FILTERS SHALL BE PLACED ACROSS THE THROATS OF ALL EXISTING AND COMPLETED CURB INLETS.
13. EXISTING FLOW CAPACITY SHALL BE MAINTAINED IN THE DRAINAGE SYSTEMS TO CONVEY RUNOFF FROM RAIN STORMS THAT OCCUR DURING CONSTRUCTION. EXISTING DRAINAGE PIPES THAT ARE NOTED TO BE PLUGGED OR REMOVED SHALL REMAIN IN SERVICE UNTIL FLOWS CAN BE DIVERTED TO THE NEW DRAINAGE SYSTEM. WHERE NEW PIPES ARE TO BE INSTALLED IN CLOSE PROXIMITY TO EXISTING PIPES THAT ARE TO BE REMOVED, PROVISIONS SHALL BE MADE TO DIVERT FLOWS FROM THE EXISTING PIPES TO THE NEW PIPES PRIOR TO RAIN STORMS. TEMPORARY PIPES SHALL BE PLACED FOR THIS PURPOSE PRIOR TO SUSPENSION OF WORK ACTIVITIES EACH DAY.
14. NO MORE THAN 500 FEET OF STORM DRAIN OR UTILITY PIPING SHALL BE INSTALLED WITHOUT BACKFILLING AND COMPACTING THE PIPE TRENCH.
15. STABILIZATION MEASURES SHALL BE INITIATED FOR EROSION AND SEDIMENT CONTROL ON DISTURBED AREAS AS SOON AS PRACTICABLE, BUT IN NO CASE MORE THAN 14 DAYS AFTER CONSTRUCTION ACTIVITY IN THOSE PORTIONS OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
16. PERMANENT SOIL EROSION CONTROL MEASURES FOR ALL DISTURBED LAND AREAS SHALL BE COMPLETED IMMEDIATELY AFTER FINAL GRADING. WHEN IT IS NOT POSSIBLE TO PERMANENTLY PROTECT A DISTURBED AREA IMMEDIATELY AFTER GRADING OPERATIONS, TEMPORARY EROSION CONTROL MEASURES SHALL BE INSTALLED. ALL TEMPORARY EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.
17. THE CONTRACTOR SHALL OBTAIN AN ENVIRONMENTAL MANAGEMENT PERMIT FROM THE CITY OF TALLAHASSEE GROWTH MANAGEMENT DEPARTMENT FOR ALL STOCKPILE AND CONSTRUCTION STAGING AREAS LOCATED OUTSIDE THE LIMITS OF CONSTRUCTION.

SUPPLEMENTAL GENERAL NOTES - TREE PROTECTION:

- 1. BARRICADE FENCING SHALL BE INSTALLED AT OR NEAR THE CRITICAL PROTECTION ZONE OF EACH TREE TO BE PROTECTED PRIOR TO INITIATION OF ANY CONSTRUCTION ACTIVITY, AND THE FENCING SHALL REMAIN IN PLACE UNTIL ALL CONSTRUCTION ACTIVITY HAS BEEN COMPLETED.
2. ALL ROOTS 3/4" IN DIAMETER AND LARGER OF TREES TO BE PROTECTED OR PRESERVED THAT ARE EXPOSED DURING TRENCHING AND EXCAVATION SHALL BE CLEANLY CUT WITH A HANDSAW AND COVERED IMMEDIATELY WITH SOIL OR KEPT MOISTENED WITH WET BURLAP OR PEAT MOSS UNTIL THE TRENCH CAN BE FILLED. WHEN IT IS NOT POSSIBLE TO BACKFILL IN THE SAME DAY, THE ROOTS SHALL BE FRESHLY CUT WITH A HANDSAW A REASONABLE DISTANCE FROM THE ORIGINAL CUT AND BACKFILLED IMMEDIATELY TO AVOID SOIL OR ROOT DEHYDRATION.

SUPPLEMENTAL GENERAL NOTE - POTABLE WATER AND SANITARY SEWER CONSTRUCTION:

- 1. GOVERNING SPECIFICATIONS FOR CONSTRUCTION OF WASTEWATER (SANITARY) COLLECTION FACILITIES & WATER MAIN ON THIS PROJECT ARE THE CITY OF TALLAHASSEE (COT) TECHNICAL SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION, CURRENT EDITION. THE CONTRACTOR MAY ACCESS AND DOWNLOAD THE COT TECHNICAL SPECIFICATIONS FROM THE FOLLOWING INTERNET URL

HTTPS://WWW.TALGOV.COM/YOU/YOU-LEARN-UTILITIES-WATER-DESIGN-CONSTRUCTION-ASPX

REQUIREMENTS NOT SPECIFICALLY COVERED BY THE GOVERNING SPECIFICATIONS ABOVE MAY BE COVERED BY PLAN NOTES OR SPECIAL PROVISIONS, AND ALL SUCH REQUIREMENTS ARE CONSIDERED AS PART OF THE CONTRACT.

- 2. MEASUREMENT AND PAYMENT FOR ALL WORK PERFORMED UNDER THE CONTRACT WILL BE IN ACCORDANCE WITH THE CITY OF TALLAHASSEE PAY ITEM MANUAL FOR WATER AND SEWER CONSTRUCTION AND THE CONTRACT DOCUMENTS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR ADDITIONAL QUANTITIES AND/OR WORK PERFORMED THAT IS NOT INCLUDED IN THE BID FORM OF THE CONTRACT WITHOUT WRITTEN APPROVAL BY THE CITY.
3. NO MODIFICATIONS, PLANNED OR UNPLANNED, TO EXISTING UTILITY SYSTEMS WILL BE ALLOWED WITHOUT APPROVED PLANS AND A CITY UTILITY INSPECTOR ON SITE TO WITNESS THE MODIFICATIONS. VIOLATION OF THIS OBLIGATION MAY REQUIRE THAT THE CONTRACTOR REPLACE ALL MODIFIED COMPONENTS WITH NEW COMPONENTS (I.E., BORED MANHOLE WILL BE REPLACED WITH NEW MANHOLE; TAPPED LINE WILL BE REPLACED WITH 20 FEET OF LINE TO EITHER SIDE OF TAP, OR SIMILAR REPLACEMENTS). IN ADDITION TO THE NEW REPLACEMENTS, FINANCIAL PENALTIES MAY BE IMPOSED FOR EACH VIOLATION TO COVER THE COST OF ADDITIONAL ENGINEERING AND INSPECTION SERVICES.
4. ALL UTILITIES (MAINS AND SERVICES) WITHIN THE LIMITS OF CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL SUCH TIME AS THE SYSTEM(S) IS DEEMED ACCEPTED BY THE CITY. THE CONTRACTOR WILL BE NOTIFIED OF ACCEPTANCE BY WRITING AFTER THE CITY RECEIVES APPROVED AS-BUILT DRAWINGS. THE CONTRACTOR IS LIABLE FOR ANY DAMAGES TO THE UTILITY SYSTEMS CAUSED BY THE INSTALLATION OF ANY OTHER UTILITIES. PRIOR TO ACCEPTANCE, PROVIDE ALL FIELD UTILITY LOCATIONS IN ACCORDANCE WITH UTILITY LOCATION STANDARDS AS ESTABLISHED BY THE AMERICAN PUBLIC WORKS ASSOCIATION.
5. EXISTING COT-OWNED POTABLE WATER AND WASTEWATER COLLECTION FACILITIES SHALL REMAIN IN-PLACE UNLESS OTHERWISE DESIGNATED IN THE PLANS TO BE REMOVED.
6. REPAIR OR REPLACE AT CONTRACTOR'S OWN EXPENSE, ANY SERVICE LATERALS, VALVES, MAINS, FORCE MAINS, FIRE HYDRANTS, OR OTHER COT-OWNED POTABLE WATER, WASTEWATER, OR GAS FACILITIES THAT ARE DAMAGED BY THE CONTRACTOR'S ACTIVITIES.
7. SUPPORT ALL EXISTING ACTIVE UTILITY MAINS THAT CROSS CONSTRUCTION TRENCHES TO PREVENT JOINT SEPARATION AND DAMAGE TO SAID MAINS. THE RESPONSIBILITY FOR THE ADEQUACY OF ANY REQUIRED SUPPORT SYSTEMS BELONGS TO THE CONTRACTOR. THE COST OF UTILITY SUPPORT SYSTEMS IS CONSIDERED INCIDENTAL TO THE PAY ITEMS IN THE CONTRACT FOR UTILITY PIPE. NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK.
8. IN THE EVENT THAT WASTEWATER FLOW DIVERSION IS NEEDED ON THIS PROJECT TO COMPLETE PIPING MODIFICATIONS, THE CONTRACTOR WILL BE REQUIRED TO PHYSICALLY STAFF THE FLOW DIVERSION EQUIPMENT 24 HOURS A DAY, 7 DAYS A WEEK UNTIL THE FLOW DIVERSION IS NO LONGER NEEDED. THE COST FOR STAFFING THE FLOW DIVERSION EQUIPMENT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT UNIT PRICES FOR UTILITY PIPE AND NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK, UNLESS SPECIFICALLY NOTED OTHERWISE.

- 9. IN A PHASED PROJECT, EACH PHASE MUST BE CAPABLE OF STAND-ALONE OPERATION FOR UTILITY SERVICE. ALL UTILITY ITEMS MUST MEET REQUIREMENTS AS IF THE PHASE WAS THE ONLY PROJECT (NO ITEMS WILL BE LEFT TO COMPLETE WITH A LATER PHASE).
10. WHEN REPAIRS ARE REQUIRED WITHIN THE TWO YEAR WARRANTY PERIOD, THE CONTRACTOR MUST FIRST MAKE ALL NECESSARY REPAIRS, THEN PATCH THE AFFECTED AREA IN ACCORDANCE WITH THE JURISDICTIONAL AGENCY'S REQUIREMENTS, AND THEN MILL AND RESURFACE THE FULL ROAD WIDTH WITH 1-INCH THICK SP-9.5 ASPHALT TO A MINIMUM DISTANCE OF 25-FEET EACH DIRECTION FROM THE PAVEMENT CUTS, OR AS REQUIRED BY THE ROADWAY'S JURISDICTIONAL AGENCY.
11. THE CONTRACTOR IS REQUIRED TO FOLLOW ALL RULES AND REGULATIONS ESTABLISHED BY EMS (ENVIRONMENTAL MANAGEMENT SYSTEM) DOCUMENTS AS WELL AS ANY OTHER PERTINENT RULES AND REGULATIONS THAT RELATE TO THE PROJECT. THE CITY OF TALLAHASSEE UNDERGROUND UTILITIES ENVIRONMENTAL POLICY STATEMENT AND A CONTRACTOR'S INFORMATIONAL BROCHURE ARE AVAILABLE AT HTTP://WWW.TALGOV.COM/YOU/YOU-LEARN-UTILITIES-WATER-EMS-WATER.ASPX .
12. COMPLY WITH ALL OSHA TRENCH SAFETY REQUIREMENTS. SHEETING AND BRACING SHALL BE ADEQUATE TO PREVENT CAVE-IN OF TRENCH WALLS, SUBSIDENCE OF AREAS ADJACENT TO THE TRENCH, DAMAGE TO UTILITIES, AND SLOUGHING OF THE BASE OF THE EXCAVATION DUE TO WATER SEEPAGE. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR THE ADEQUACY OF ANY SHEETING AND BRACING.

SUPPLEMENTAL GENERAL NOTES - POTABLE WATER CONSTRUCTION:

- 1. POTABLE WATER SERVICE WILL BE MAINTAINED TO RESIDENCES AND BUSINESSES AT ALL TIMES, EXCEPT DURING THE TRANSFER OF SERVICES.
2. THE TRANSFER OF WATER SERVICES SHALL BE SCHEDULED FOR THE HOURS BETWEEN 9:00 A.M. AND 4:00 P.M., AND SHALL BE COMPLETED WITHOUT DELAY TO LIMIT CUSTOMER INCONVENIENCES, UNLESS OTHERWISE SPECIFIED.
3. KEEP FIRE HYDRANTS OPERABLE AND ACCESSIBLE AT ALL TIMES. DO NOT PLACE EQUIPMENT OR MATERIALS WITHIN 15 FEET OF ANY FIRE HYDRANT. FIRE HYDRANTS TAKEN OUT-OF-SERVICE SHALL BE COVERED WITH BAGS, OR AS DIRECTED BY THE CITY'S INSPECTOR. TO CLEARLY INDICATE THAT THE HYDRANT IS INOPERABLE, THE CONTRACTOR SHALL REPORT OUT OF SERVICE HYDRANTS TO THE CITY INSPECTOR FOR NOTIFICATION TO THE FIRE DEPARTMENT DISPATCH CENTER.
4. DO NOT CUT, CAP, OR PLUG EXISTING LOOPED PUBLIC POTABLE WATER MAINS WITHOUT THE PRIOR APPROVAL OF THE CITY.
5. PRIOR TO WATER MAIN, SANITARY SEWER, OR STORM SEWER CONSTRUCTION, THE CONTRACTOR SHALL LOCATE ALL EXISTING VALVES NEEDED TO ISOLATE THE WATER MAINS WITHIN THE CONSTRUCTION AREA. SOME VALVES MAY BE LOCATED DOWN SIDE STREETS.
6. IT IS THE INTENT OF THESE PLANS, UNLESS NOTED, TO REPLACE ALL EXISTING SERVICES (SHOWN ON THE PLANS OR NOT), MOVE METERS TO THE RIGHT-OF-WAY LINES, RECONNECT ANY BACK FLOW DEVICES AND/OR PRESSURE REDUCING VALVES, AND RECONNECT TO THE CUSTOMERS' PLUMBING, WHERE THERE IS MORE THAN ONE METER AT A TAP, A NEW MANIFOLD WILL BE BUILT AND INSTALLED PER THE LATEST WATER DETAIL SHEET. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD INSPECT AND DETERMINE THE LOCATION AND NUMBER OF METERS AT A TAP.
7. NO WATER METER IS TO BE LOCATED WITHIN A DRIVEWAY. IF REQUIRED, THE SERVICE TAP WILL BE MADE TO THE SIDE OF THE DRIVEWAY, THE METER WILL BE SET OUTSIDE OF THE DRIVEWAY, AND SERVICE PIPING WILL BE RUN FROM THE METER AND CONNECTED TO THE PIPING FROM THE BUILDING. NO ADDITIONAL COMPENSATION WILL BE MADE.

SUPPLEMENTAL GENERAL NOTES - SANITARY SEWER CONSTRUCTION

- 1. MAINTAIN WASTEWATER COLLECTION SERVICE TO ALL CUSTOMERS AT ALL TIMES. PROVIDE WASTEWATER FLOW DIVERSION, AS NEEDED, TO MAINTAIN CONTINUOUS SANITARY SEWER SERVICE DURING CONSTRUCTION. WASTEWATER FLOW DIVERSION MAY CONSIST OF BY-PASS PUMPING, PUMPS, TRUCKS AND TRANSPORTATION, OR ANY OTHER METHOD APPROVED BY THE CITY. THE COST IS INCIDENTAL TO PAY ITEMS FOR NEW SANITARY SEWER STRUCTURES AND PIPING.
2. IT IS THE INTENT OF THESE PLANS, UNLESS NOTED, TO MAINTAIN ALL EXISTING SANITARY SERVICE LINES (SHOWN ON THE PLANS OR NOT) WITHIN THE LIMITS OF CONSTRUCTION. EXISTING SERVICE LATERALS DAMAGED BY CONSTRUCTION SHALL BE CUT AND THE DAMAGED PIPE SHALL BE REPLACED WITH NEW SERVICE PIPING.
3. EXISTING SANITARY SEWER PIPING AND STRUCTURES THAT ARE DESIGNATED ON THE PLANS TO BE FILLED OUT-OF-SERVICE (IN PLACE) SHALL BE PLUGGED AT INFLUENT AND EFFLUENT ENDS WITH MASONRY PLUGS UNLESS OTHERWISE NOTED. EXISTING STRUCTURES SHALL BE REMOVED THREE FEET BELOW FINISHED GRADE AND PLACED WITH EXCAVABLE FLOWABLE FILL. THE COST IS INCIDENTAL TO PAY ITEMS FOR NEW SANITARY SEWER STRUCTURES AND PIPING.
4. THE PLANS SHOW APPROXIMATE LOCATIONS OF ACTIVE AND INACTIVE SEWER SERVICE LATERALS BASED ON PIPELINE INSPECTIONS CONDUCTED BY THE CITY. FIELD-VERIFY THE SIZE, MATERIAL AND LOCATION OF EXISTING ACTIVE SEWER LATERALS. ADJUST AND RECONNECT LATERALS AT THEIR FIELD-VERIFIED LOCATIONS AND SIZES, UNLESS OTHERWISE DIRECTED BY THE CITY. PLUG INFLUENT AND EFFLUENT ENDS OF INACTIVE SEWER SERVICES WITH GROUT TO PLACE THEM OUT-OF-SERVICE. THE COST OF PLACING INACTIVE SEWER LATERALS OUT OF SERVICE IS INCIDENTAL TO PAY ITEMS FOR SERVICE LATERALS FOUND IN THE CONTRACT.
5. SANITARY SEWER LATERALS THAT ARE TO BE CONSTRUCTED MAY BE INSTALLED BY OPEN-CUT, PIPE BURSTING OR OTHER TECHNIQUES ACCEPTABLE TO THE CITY, UNLESS OTHERWISE SPECIFIED. THE BID PRICE SHALL BE FULL COMPENSATION FOR SUCH INSTALLATIONS. PIPE BURSTING REQUIRES PRE AND POST CONSTRUCTION TV INSPECTIONS AT THE CONTRACTOR'S SOLE EXPENSE.

SUPPLEMENTAL GENERAL NOTE - POTABLE WATER AND SANITARY SEWER CONSTRUCTION PROJECT CLOSE-OUT:

- 1. ALL SEWER DEFICIENCIES, INCLUDING STRUCTURAL DAMAGE, DEFLECTIONS, DEBRIS, SAND, SEDIMENT, AND/OR INFILTRATION DISCOVERED DURING THE CLOSED CIRCUIT TV (CCTV) INSPECTIONS ARE REPAIRED. THE SEWER LINE WILL BE CCTV INSPECTED AFTER ANY REPAIRS TO DETERMINE IF THE DEFICIENCIES ARE CORRECTED.
2. ALL MANHOLES ARE INSPECTED BEFORE FINAL CCTV INSPECTION OF THE SEWERS. MANHOLES ARE CLEANED, WITH ALL PLUGS REMOVED AND RAIN DISHS INSTALLED (WHEN REQUIRED).
3. ALL MANHOLES AND VALVE BOXES ARE RAISED TO THEIR FINISH ELEVATIONS WITH ASPHALT IN PLACE. ALL MANHOLES AND VALVE BOXES MUST BE RAISED BEFORE THE FINAL CCTV INSPECTION OF THE SEWER, WHICH MUST BE COMPLETED BEFORE THE SEWER IS PLACED INTO SERVICE.
4. ALL SERVICES SHALL BE STAKED AND HAVE AN EMS LOCATING DEVICE PLACED IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS AND A LETTER OF ACCEPTANCE HAS BEEN ISSUED BY THE CITY UTILITY.
5. COPIES OF ALL TESTING RESULTS, INCLUDING ALL COMPACTION DENSITY, AND OTHER REQUIRED TESTS IN ACCORDANCE WITH THE CONTRACT.
6. COMPLETE RESTORATION OF ALL ROADWAYS (INCLUDING STRIPING, SIGNAGE, SIGNALS, LIGHTING, ETC.), SIDEWALKS, DRIVEWAYS, LANDSCAPING, EASEMENTS, STAGING AREAS, AND/OR ANY OTHER AREAS DISTURBED BY THE CONTRACTOR DURING CONSTRUCTION, OR DUE TO CONSTRUCTION ACTIVITIES.
7. ALL REQUIRED DOCUMENTATION (INCLUDING AS-BUILT DRAWINGS AND CAD FILES) MUST BE RECEIVED BY THE CITY'S INSPECTION MANAGER BEFORE REQUESTING UTILITY SERVICE AND BEFORE A FINAL ACCEPTANCE LETTER WILL BE ISSUED. ALL AS-BUILT DRAWING PREPARATION SHALL BE INCIDENTAL TO PERFORMANCE OF THE TOTAL CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ENGINEER OF RECORD
ALVIN R. PEDERSEN, P.E.
Civil Engineer
1590 Village Square Boulevard
Tallahassee, FL 32309
P.E. NO. 70831

REVISIONS:

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ORIGINAL NOVEMBER 11, 2015
SHEET

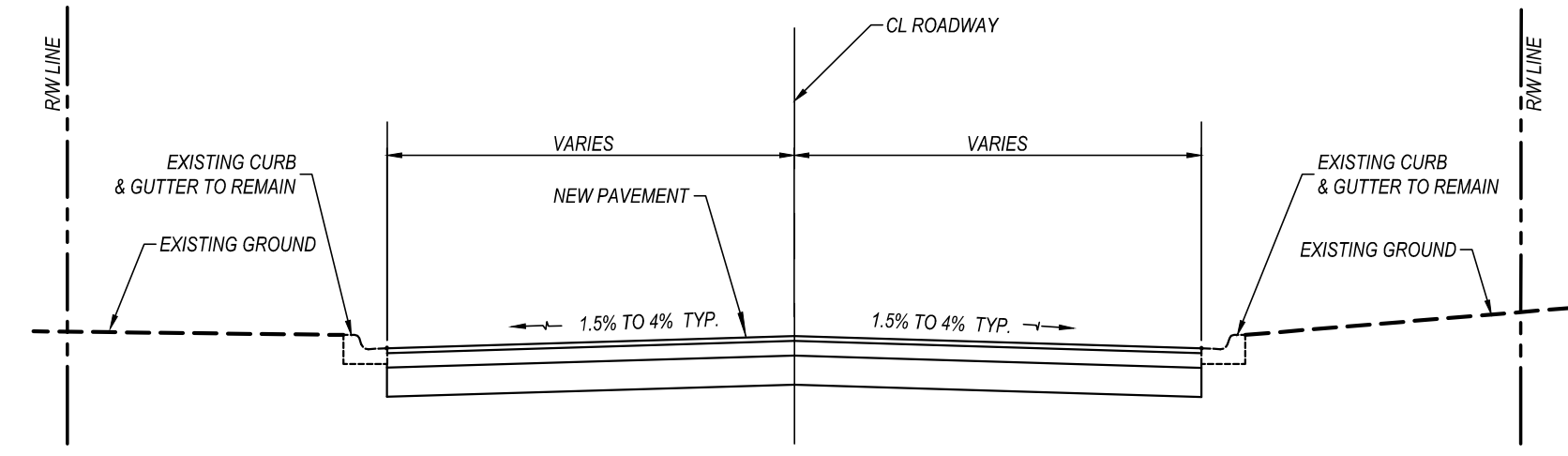
INGLEWOOD NEIGHBORHOOD STORMWATER IMPROVEMENTS

ENGINEERING AND CONSTRUCTION SERVICES
TALLAHASSEE, FLORIDA 32309
PHONE (850) 668-5211 • FAX (850) 668-5106
E-MAIL: INFO@GRIINC.COM • WWW.GRIINC.COM
LICENSED BUSINESS NO.: 2498



Greenman-Pedersen, Inc.

JOB NO. 2011020.00
DRAWN MZ
DESIGNED MZ
CHECKED AW
QC AW

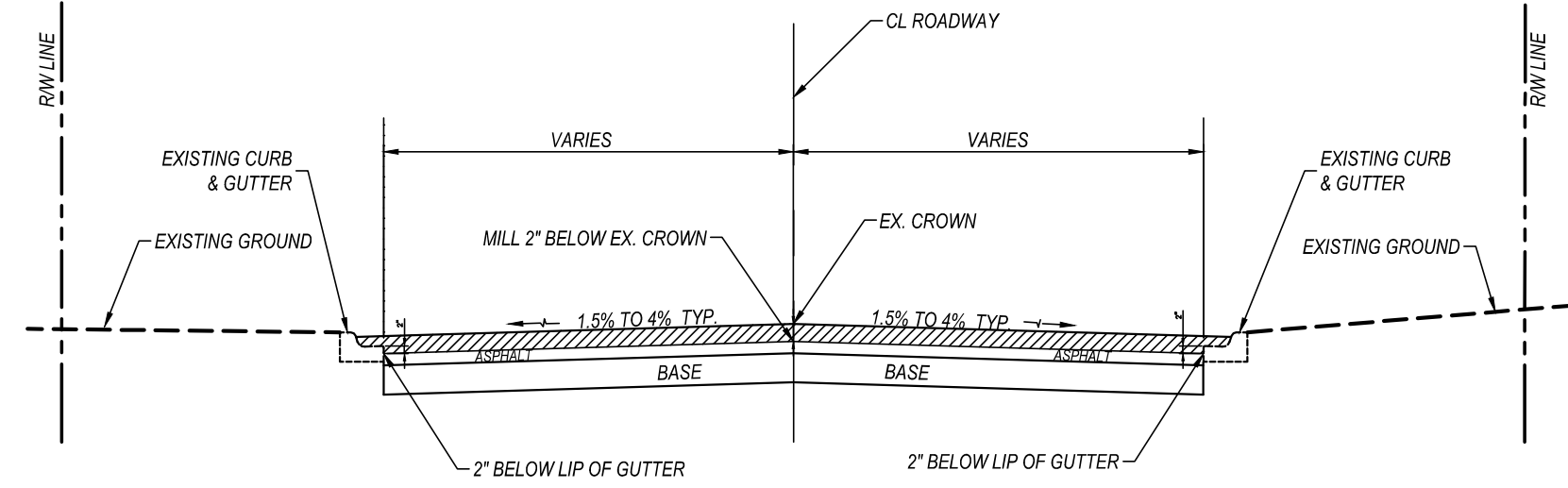


NOTES:

- IF EXISTING CURBS AND GUTTERS ARE OF SIMILAR ELEVATION ON BOTH SIDES OF THE ROADWAY, THE NEW PAVEMENT CROWN SHALL BE AT THE CENTER OF THE ROADWAY AND THE CROSS SLOPE OF NEW PAVEMENT SHALL RANGE BETWEEN 1.5% TO 4%, OTHERWISE NEW PAVEMENT SHALL MATCH EXISTING CROSS SLOPES AND PAVEMENT CROWN LOCATION.
- WHERE EXISTING CURB AND GUTTER IS REPLACED, NEW CURB AND GUTTER SHALL MATCH LOCATION, AND ELEVATION OF EXISTING CURB AND GUTTER.
- CONTRACTOR SHALL REMOVE PAVEMENT FROM EXISTING CURB AND GUTTER. CARE SHALL BE TAKEN TO AVOID DAMAGING EXISTING CURB/GUTTER.
- PAVEMENT RECONSTRUCTION SECTION: 2" SP-9.5 (TWO 1" LAYERS), 6" LIMEROCK BASE (LBR 100), 12" TYPE B STABILIZATION (LBR 40)
- FOR ADDITIONAL INFORMATION SEE PAVEMENT RESTORATION PLAN.

TYPICAL SECTION - PAVEMENT RECONSTRUCTION

N.T.S.

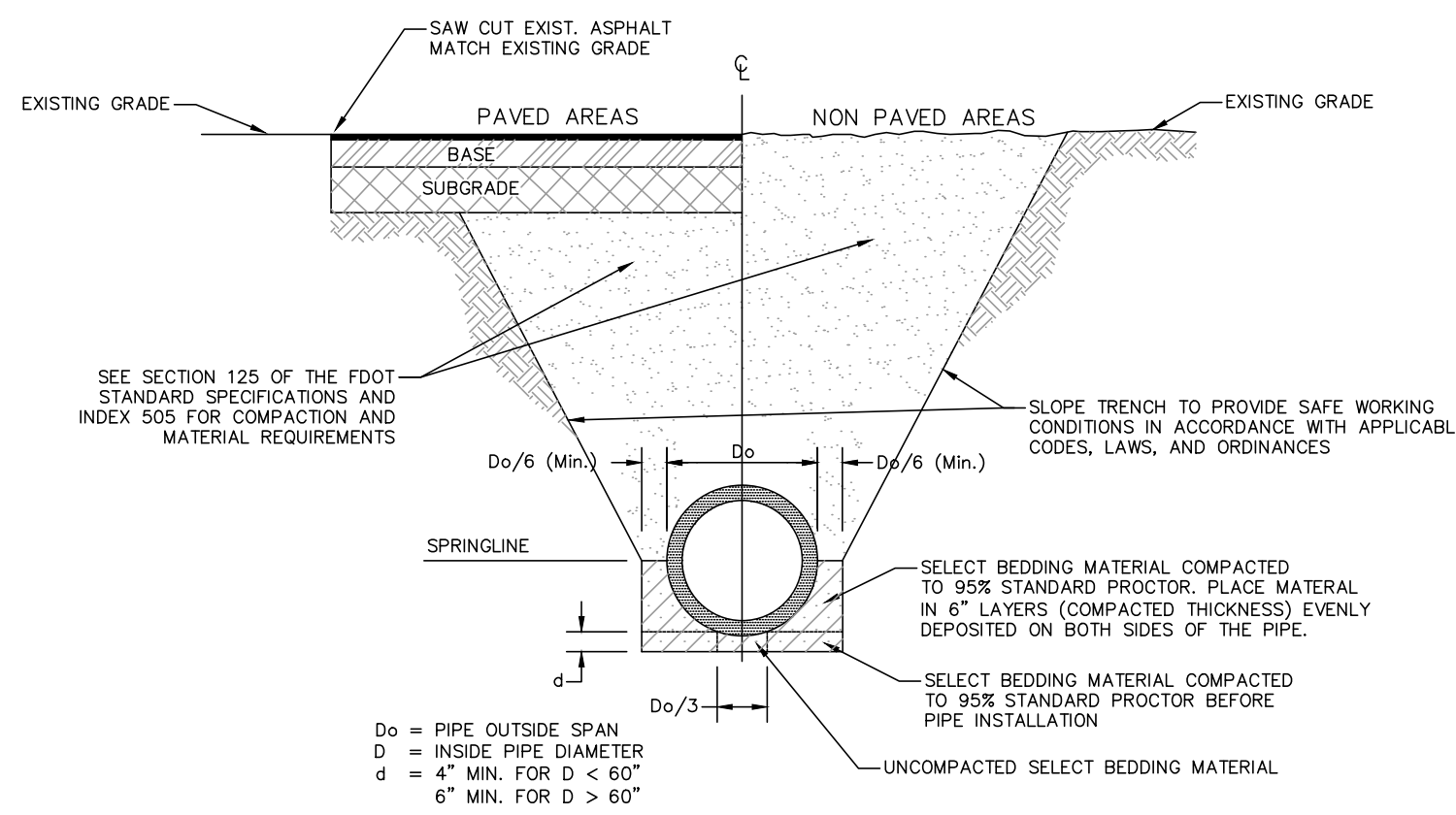


VARIABLE DEPTH MILLING DETAIL

N.T.S.

NOTE:

CONTRACTOR SHALL REPLACE ANY CURB & GUTTER DAMAGED BY MILLING OPERATIONS AT HIS OWN EXPENSE.

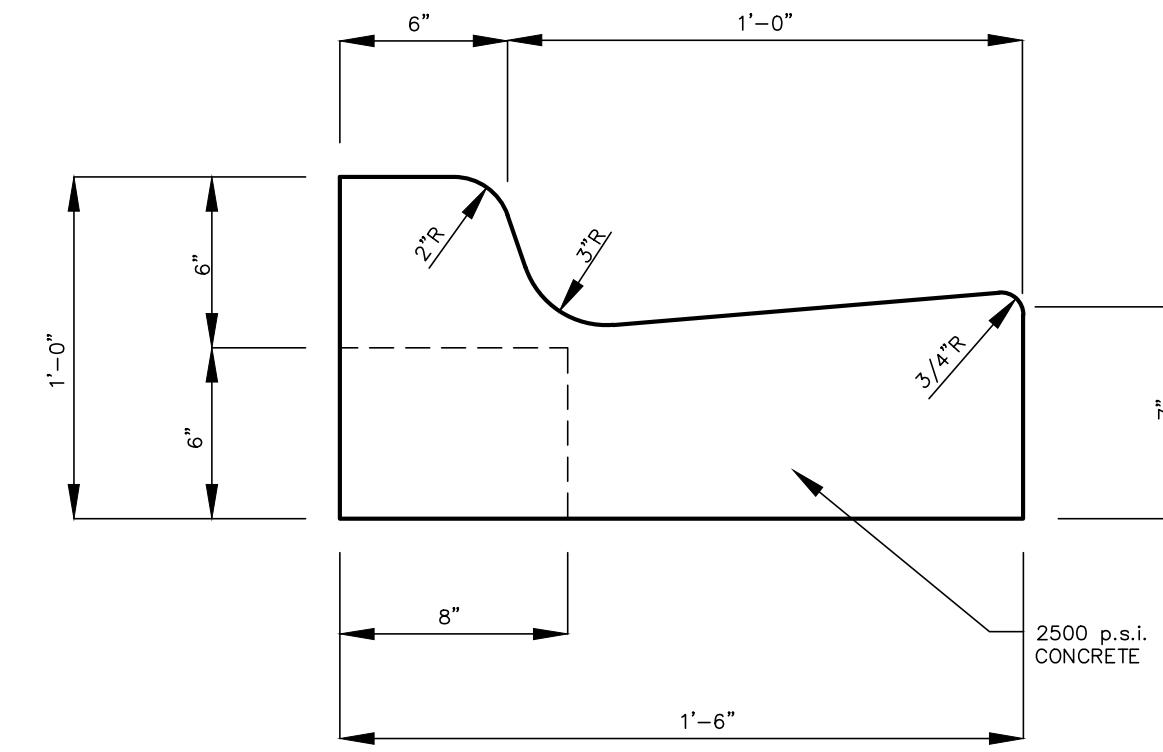


NOTES:

- BACKFILL ABOVE THE SPRINGLINE TO BE PLACED IN LIFTS THIN ENOUGH TO ALLOW COMPACTION TO BE ACHIEVED. LIFTS IN EXCESS OF TWELVE INCHES, MEASURED LOOSE, SHALL NOT BE ALLOWED.
- PIPES ARE TO BE INSTALLED IN DRY TRENCHES.
- IF TRENCH IS OVERCROWNED, BACKFILL AND RECOMPACT TO MATCH SURROUNDING DENSITY THEN PLACE SELECT BEDDING MATERIAL AS SHOWN ABOVE.
- HAND DIG FOR BELL JOINTS, BEARING FROM JOINT TO JOINT WILL NOT BE ALLOWED.
- BEFORE PLACING SOD IN GRASSY AREAS, PROVIDE A THREE-INCH MINIMUM LAYER OF TOPSOIL THAT IS SUFFICIENTLY LOOSE TO PROMOTE ROOT GROWTH.

REINFORCED CONCRETE PIPE INSTALLATION

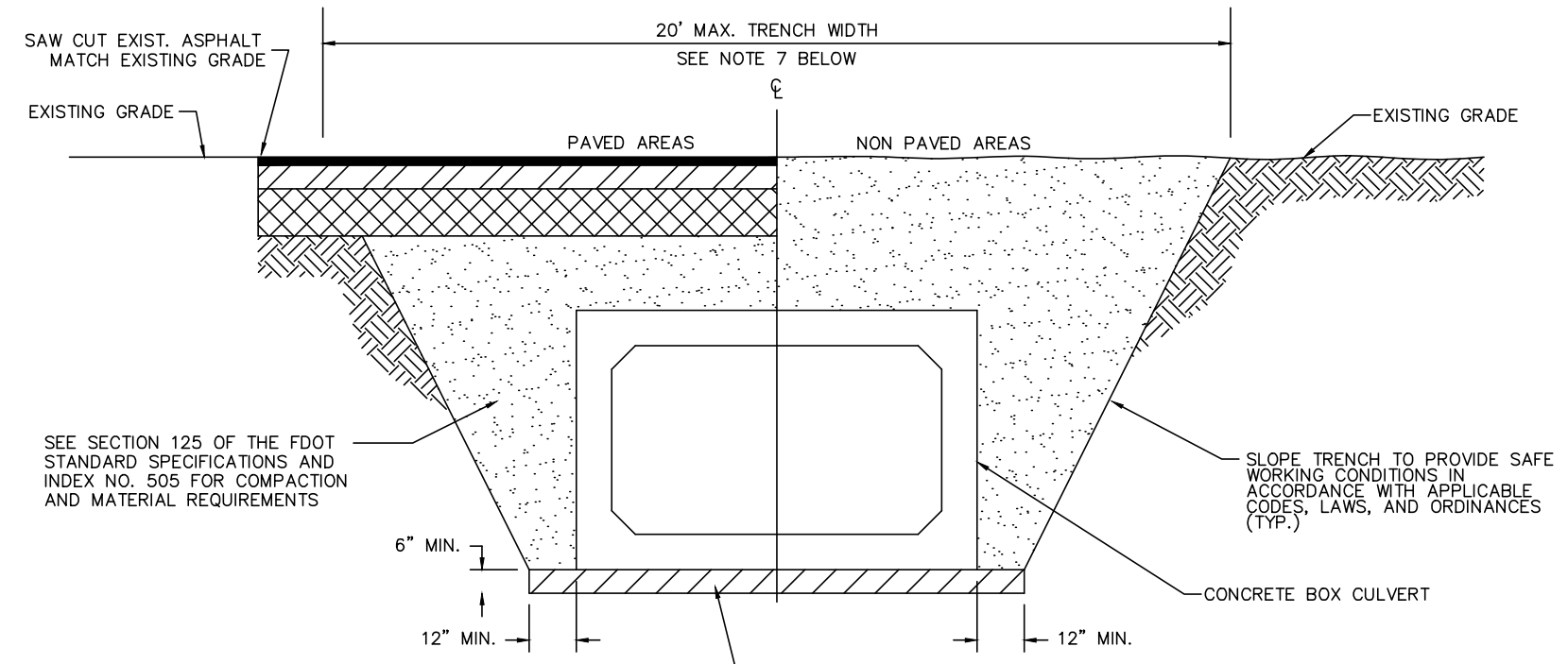
N.T.S.



NOTE: WHEN USING ON HIGH SIDE OF ROADWAYS, THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT

MOD. TYPE F CURB & GUTTER DETAIL

N.T.S.



NOTES:

- BACKFILL TO BE PLACED IN LIFTS THIN ENOUGH TO ALLOW COMPACTION TO BE ACHIEVED. LIFTS IN EXCESS OF TWELVE INCHES, MEASURED LOOSE, SHALL NOT BE ALLOWED.
- CULVERTS ARE TO BE INSTALLED IN DRY TRENCHES.
- IF TRENCH IS OVERCROWNED, BACKFILL AND RECOMPACT TO MATCH SURROUNDING DENSITY THEN PLACE SELECT BEDDING MATERIAL AS SHOWN ABOVE.
- BEFORE PLACING SOD IN GRASSY AREAS, PROVIDE A THREE-INCH MINIMUM LAYER OF TOPSOIL THAT IS SUFFICIENTLY LOOSE TO PROMOTE ROOT GROWTH.
- SELECT BEDDING MATERIAL SHALL MEET THE AASHTO CLASSIFICATION OF A-1, A-3 OR A-2-4. IF PLACED BELOW THE WATER LEVEL, A-2-4 MATERIAL MUST BE NONPLASTIC AND CONTAIN LESS THAN 15% PASSING THE NO. 200 SIEVE.
- UNDER WET TRENCH CONDITIONS, COURSE AGGREGATE MAY BE USED BELOW THE ELEVATION AT WHICH MECHANICAL TAMPERS WOULD BE EFFECTIVE. COURSE AGGREGATE MUST MEET THE SIZE REQUIREMENTS AS SPECIFIED IN 125-B-3.4 AND BE FULLY WRAPPED WITH A LAYER OF TYPE D-4 FILTER FABRIC, AS SPECIFIED ON FOOT INDEX 199. DO NOT PLACE COURSE AGGREGATE WITHIN 4 FEET OF THE ENDS OF THE TRENCH. USE NORMALLY ACCEPTED BACKFILL MATERIAL AT THE ENDS.
- MAXIMUM TRENCH WIDTH NOT TO EXCEED 20-FT. IF TRENCH WITH IS 20-FT THE CONTRACTOR WILL USE A TRENCH BOX.

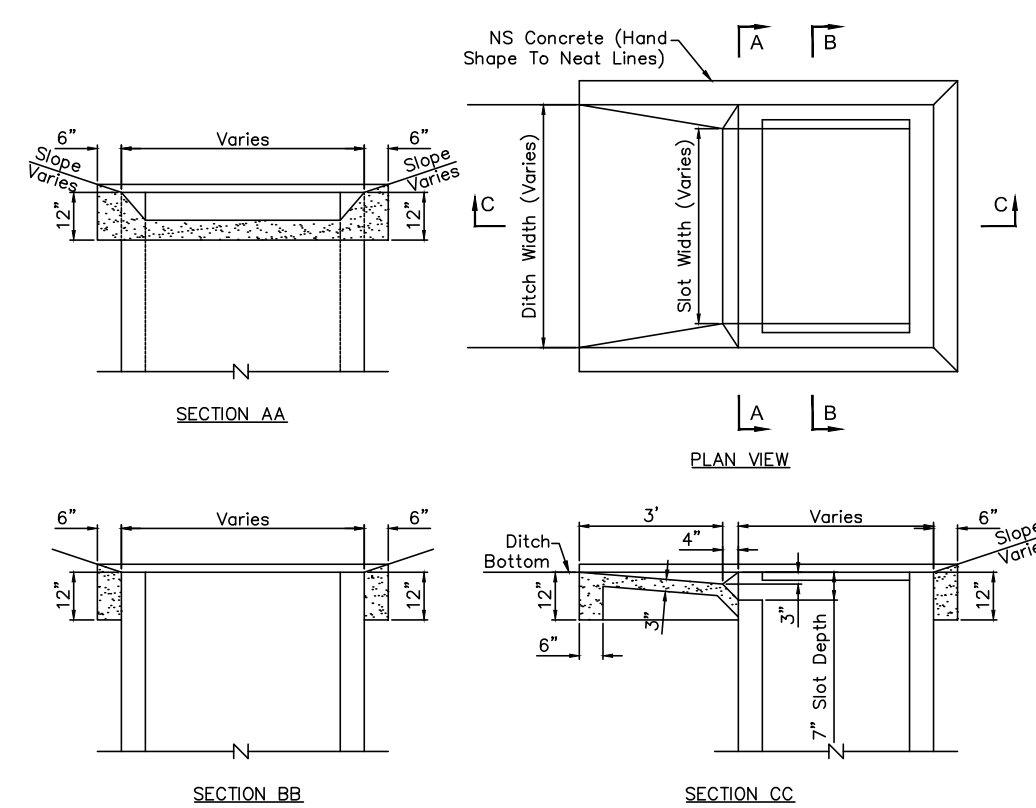
TYPICAL PRECAST CONCRETE BOX CULVERT INSTALLATION

N.T.S.

NOTES:

- SLOTS MAY BE CONSTRUCTED ON EITHER OR BOTH ENDS OF INLET AS SHOWN ON THE PLANS.
- STEEL GRATES ARE TO BE USED ON ALL INLETS WITH TRAVERSABLE SLOTS.
- COST OF SLOTS IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE INLET.
- QUANTITIES LISTED ARE PROVIDED FOR INFORMATION ONLY.

TRAVERSABLE SLOT CONCRETE QUANTITIES		
INLET TYPE	SINGLE SLOT	DOUBLE SLOT
C	0.53 CY	0.74 CY
D	0.63 CY	0.84 CY
E	0.66 CY	0.89 CY



MODIFIED TRAVERSABLE SLOT
(TYPE D INLET SHOWN - TYPES C AND E SIMILAR)

N.T.S.

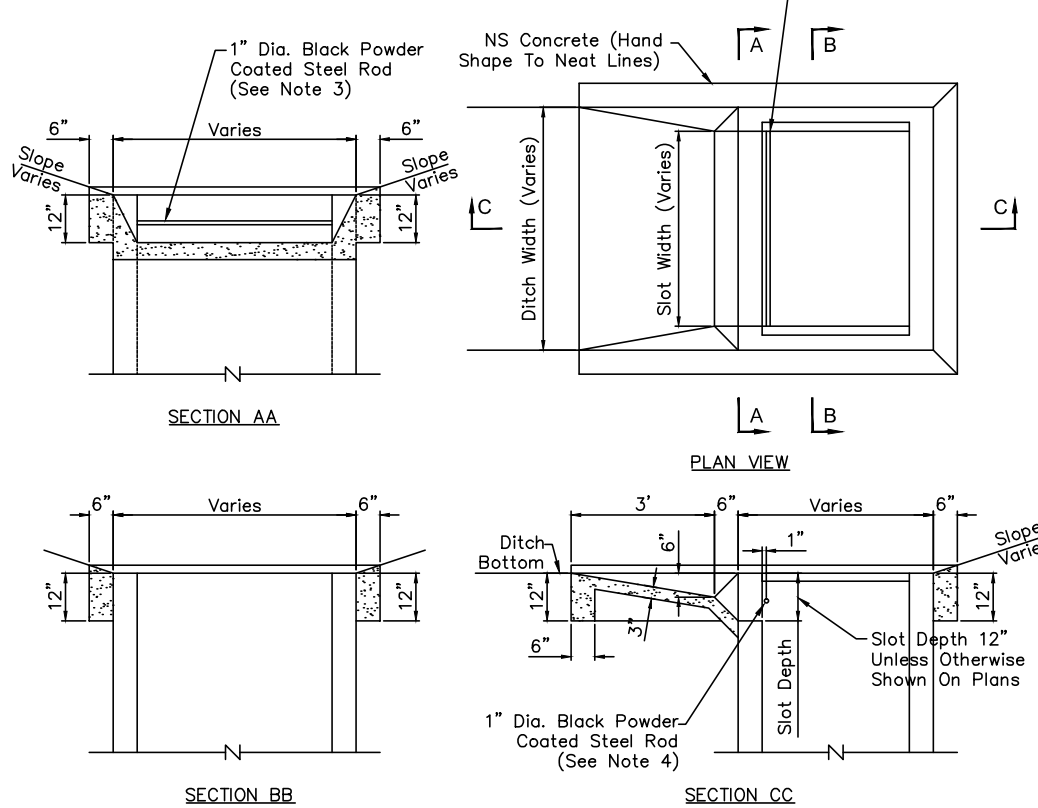
MODIFIED SLOT DETAILS

N.T.S.

NOTES:

- SLOTS MAY BE CONSTRUCTED ON EITHER OR BOTH ENDS OF INLET AS SHOWN ON THE PLANS.
- STEEL GRATES ARE TO BE USED ON ALL INLETS WITH NONTRAVERSABLE SLOTS.
- COST OF SLOTS IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE INLET.
- BLACK POWDER COATED STEEL ROD IS TO BE LOCATED VERTICALLY IN CENTER OF OPENING. COST TO FURNISH AND INSTALL ROD IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE INLET.
- QUANTITIES LISTED ARE BASED ON 12" DEEP SLOT AND ARE PROVIDED FOR INFORMATION ONLY.

NONTRAVERSABLE SLOT CONCRETE QUANTITIES		
INLET TYPE	SINGLE SLOT	DOUBLE SLOT
C	0.55 CY	0.78 CY
D	0.64 CY	0.89 CY
E	0.67 CY	0.94 CY



MODIFIED NONTRAVERSABLE SLOT
(TYPE D INLET SHOWN - TYPES C AND E SIMILAR)

N.T.S.

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ENGINEER OF RECORD
ALAN D. WISE, P.E.
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1500 Village Square Blvd.
Tallahassee, FL 32309
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ORIGINAL: NOVEMBER 11, 2015
REVISIONS:

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TYPICAL SECTIONS & DETAILS

SHEET

**INGLEWOOD NEIGHBOR
STORMWATER
IMPROVEMENTS**

PROJECT

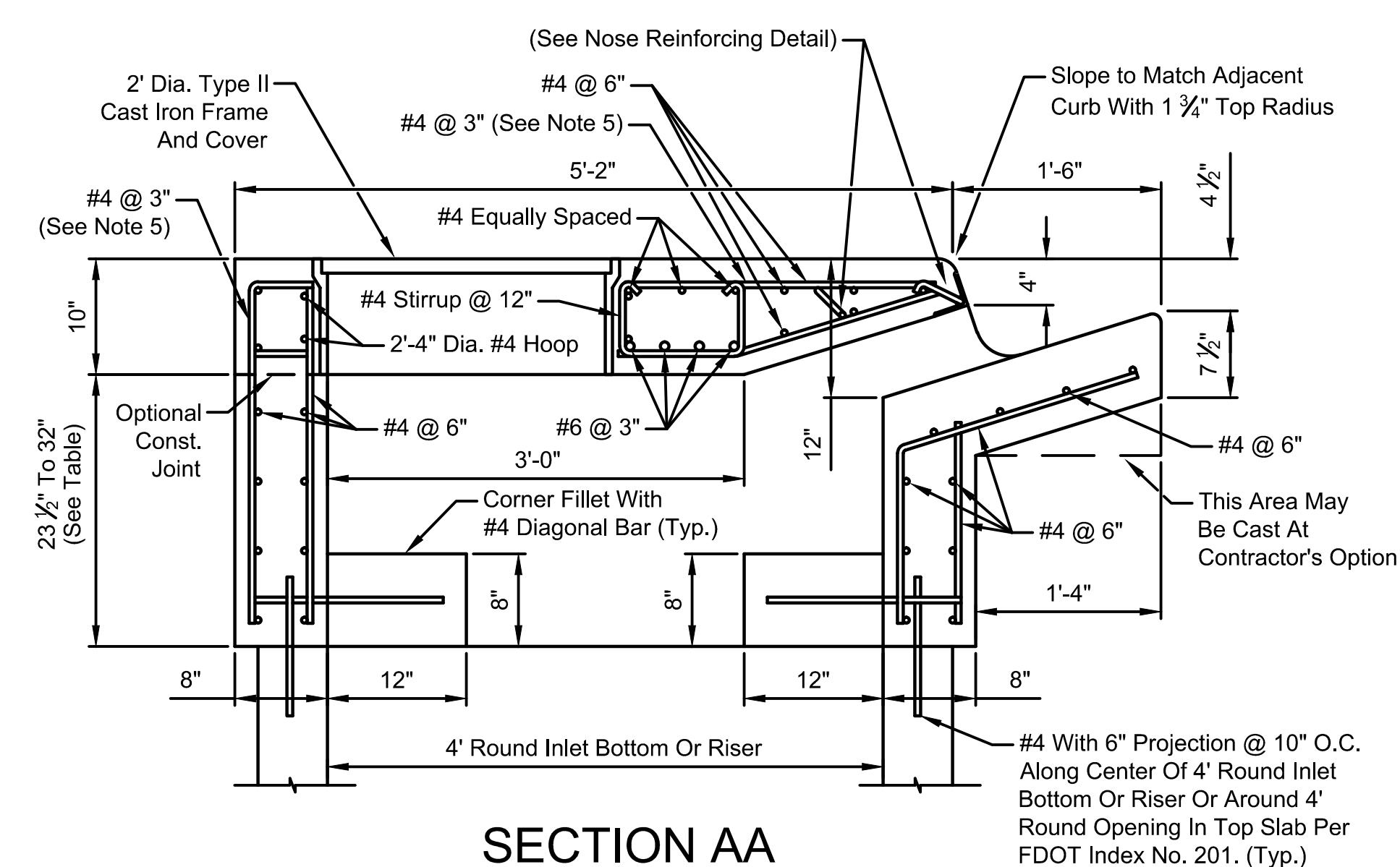
ENGINEERING AND CONSTRUCTION SERVICES
1500 VILLAGE SQUARE BLVD.
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CERTIFICATE OF AUTHORIZATION NO. 3488
LICENSED BUSINESS NO. 7560



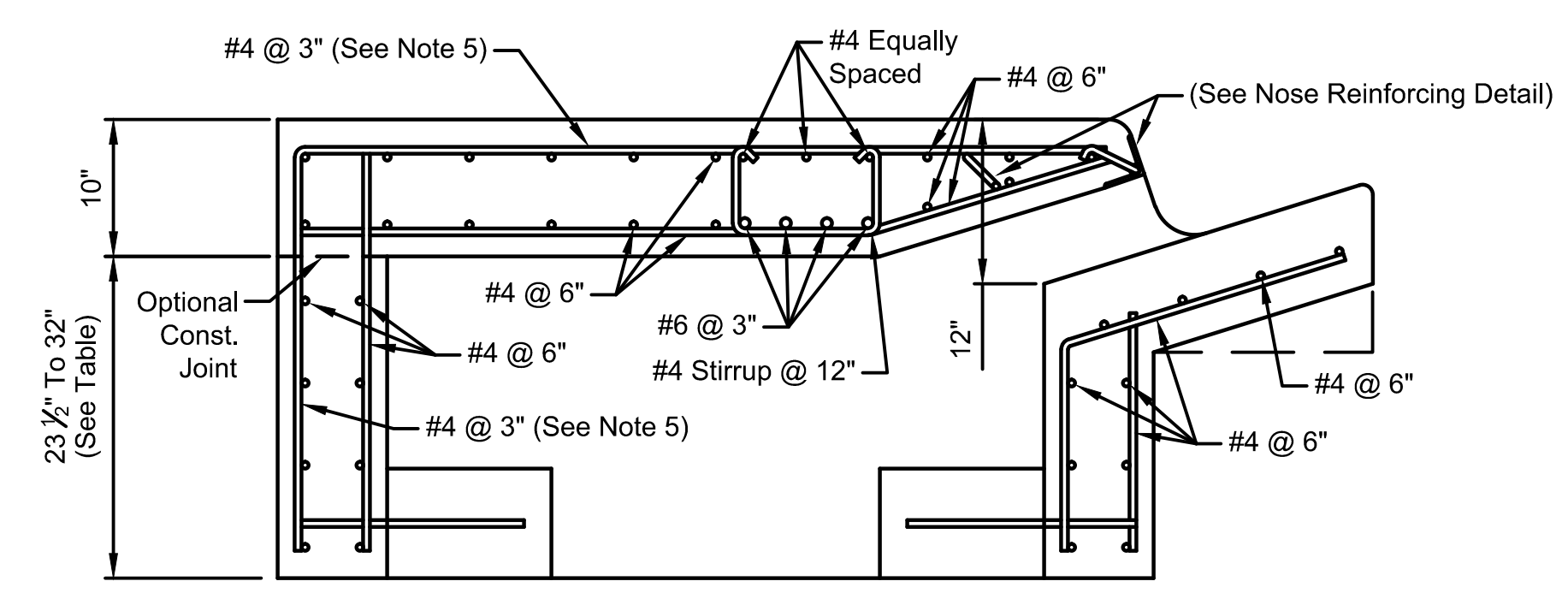
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SHEET **3**

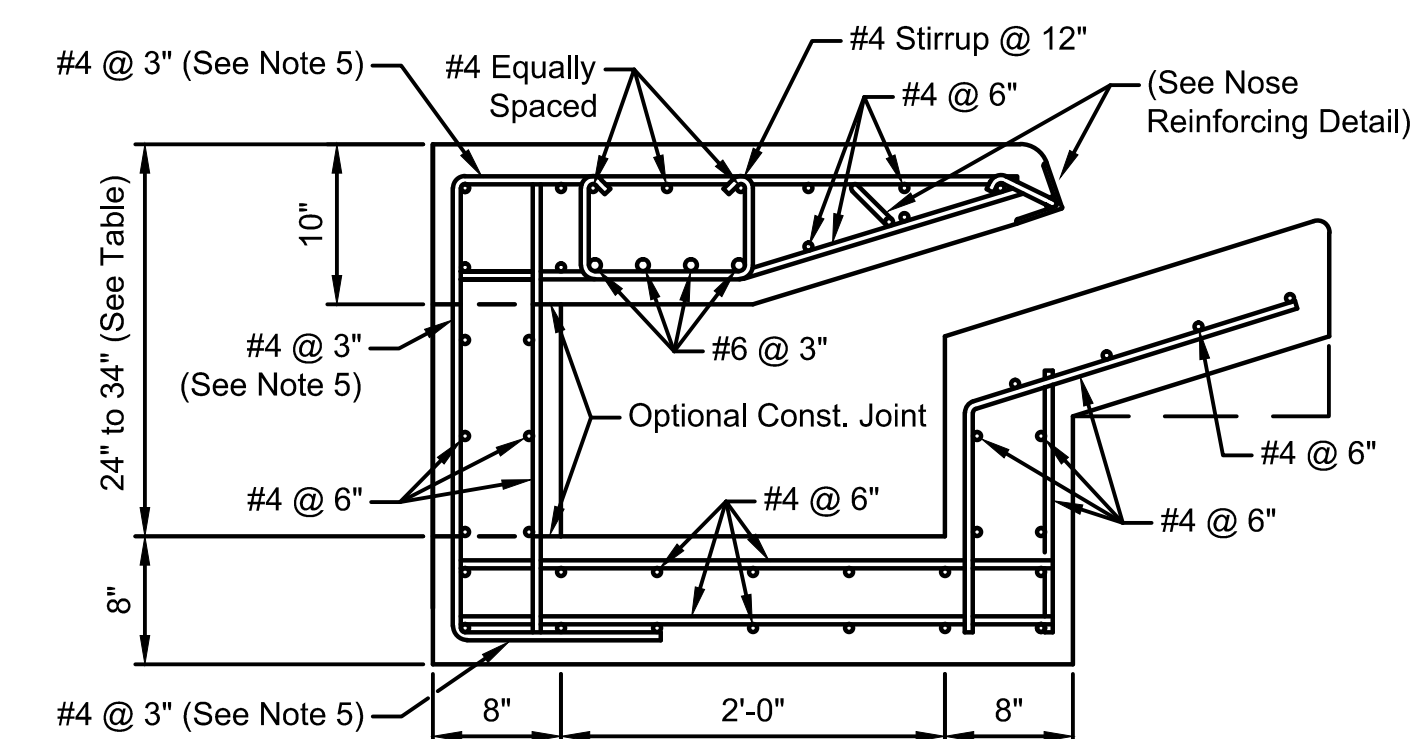
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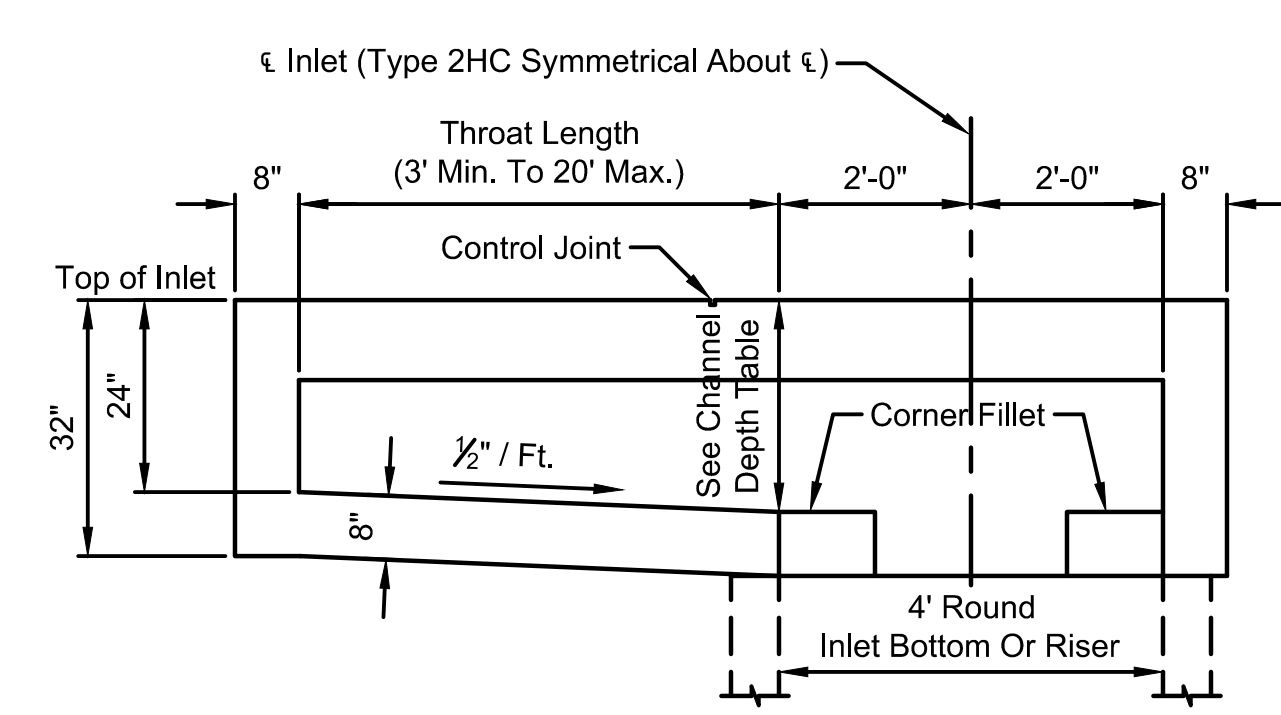
SECTION AA



SECTION BB



SECTION CC

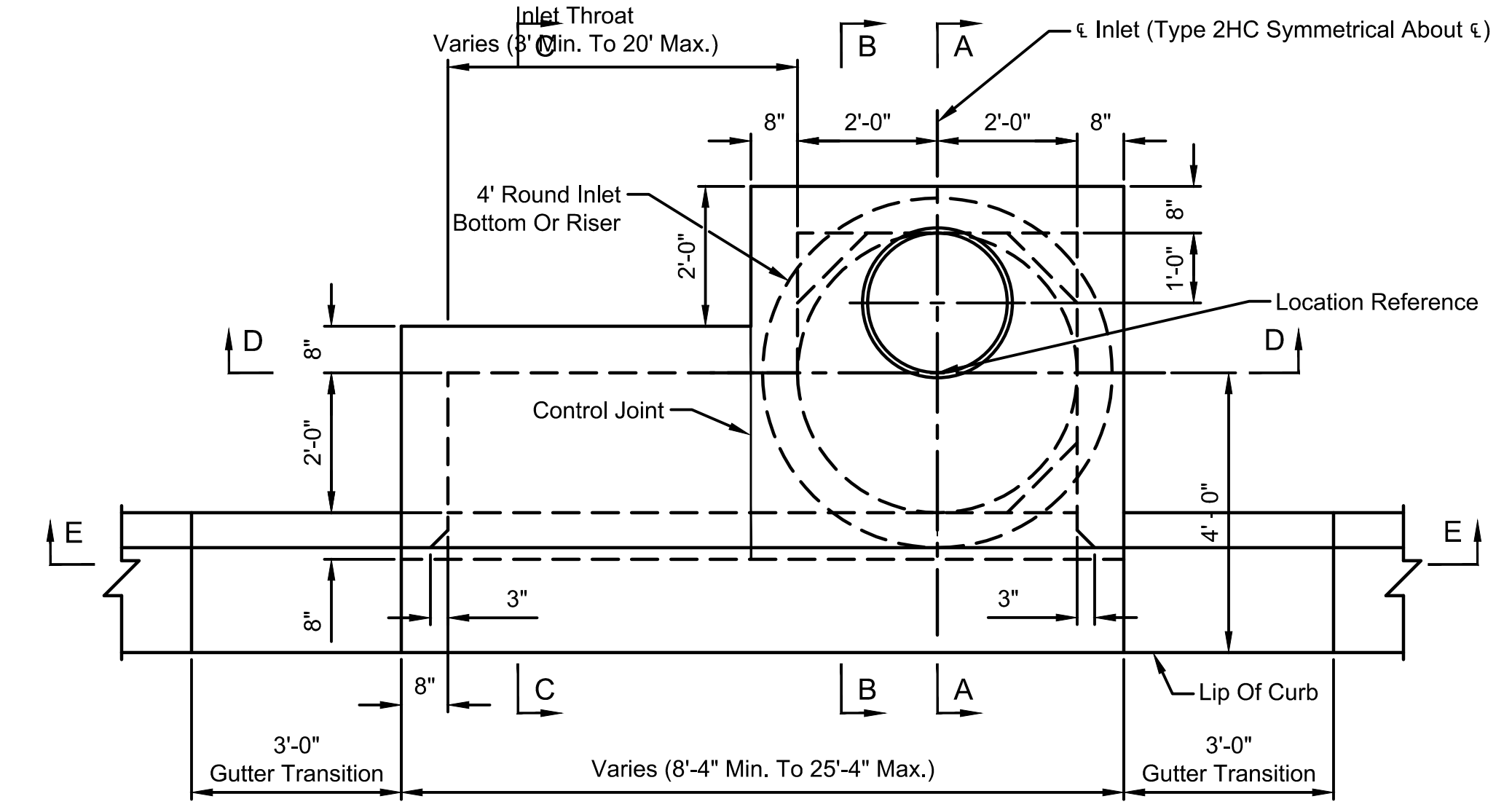


SECTION DD

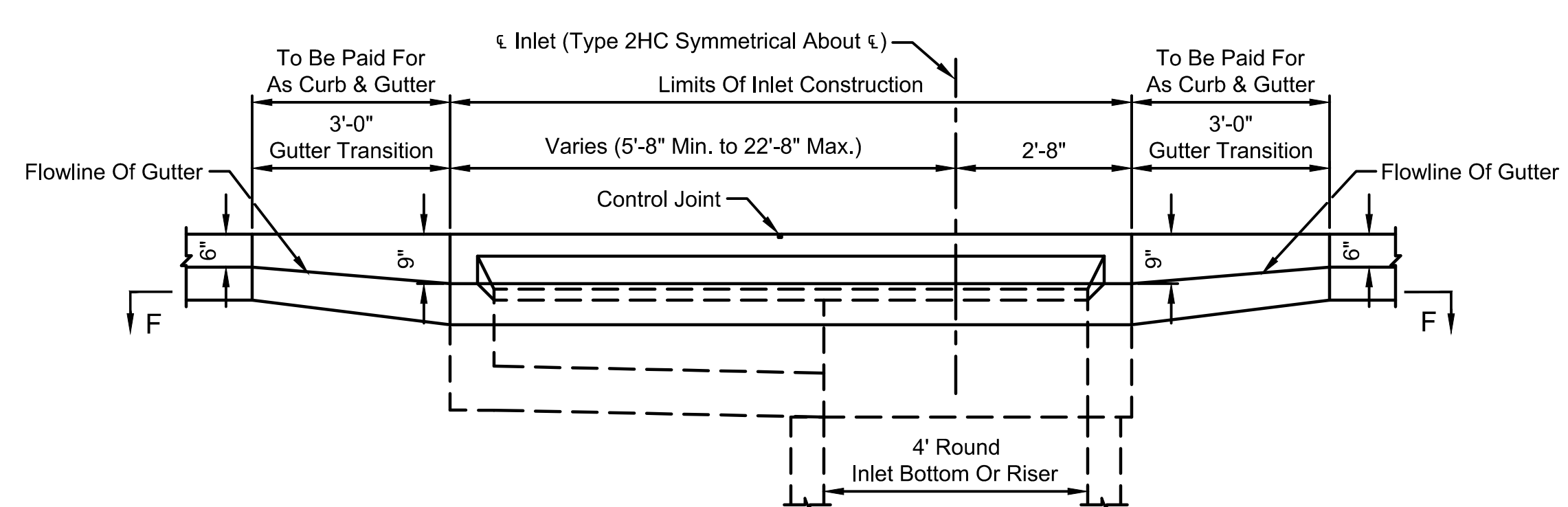
THROAT LENGTH	CHANNEL DEPTH
3 FT.	25 1/2"
4 FT.	26"
5 FT.	26 1/2"
6 FT.	27"
7 FT.	27 1/2"
8 FT.	28"
9 FT.	28 1/2"
10 FT.	29"
11 FT.	29 1/2"
12 FT.	30"
13 FT.	30 1/2"
14 FT.	31"
15 FT.	31 1/2"
16 FT.	32"
17 FT.	32 1/2"
18 FT.	33"
19 FT.	33 1/2"
20 FT.	34"

GENERAL NOTES

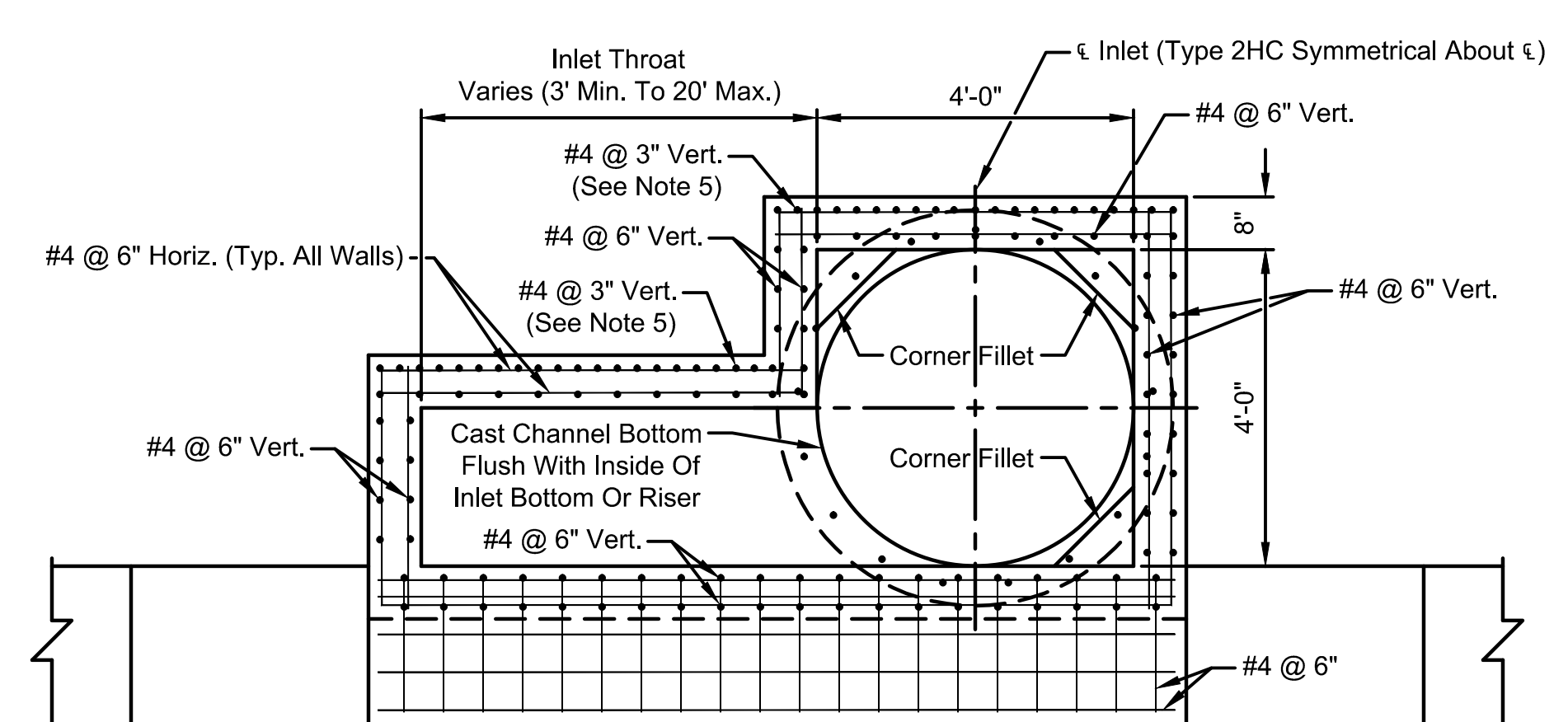
1. The finished grade and slope of the inlet top is to conform with the finished cross slope and grade of the existing or proposed sidewalk and/or grassed area.
2. For inlets constructed on a curve, determine the radius and modify the inlet details accordingly. Bend the steel when necessary.
3. Inlet tops shall be cast-in-place using FDOT Class III, $f'c = 5,000$ psi, concrete.
4. All reinforcing steel is to be ASTM A-615 Grade 60 bars with 1 1/4" minimum cover unless otherwise shown. Lap splices shall be a minimum of 12 inches in length for #4 bars and a minimum of 20" in length for #6 bars, except as noted.
5. #4 bars @ 3" spacing in rear wall and top and bottom slabs are to be continuous. These bars may be spliced only if an 18" bar projection is provided above the optional construction joints and a minimum splice length of 16" is provided.
6. Horizontal reinforcement at outside corners of wall sections shall continue around corner with lap splice, or corner bars shall be used to lap splice with horizontal wall reinforcement of each adjoining wall.
7. See FDOT Index No. 200 for inlet bottoms, and Index No. 201 for supplemental details.
8. Inlets are to be paid for under the contract unit price for Curb Inlet (Type ___), Each.



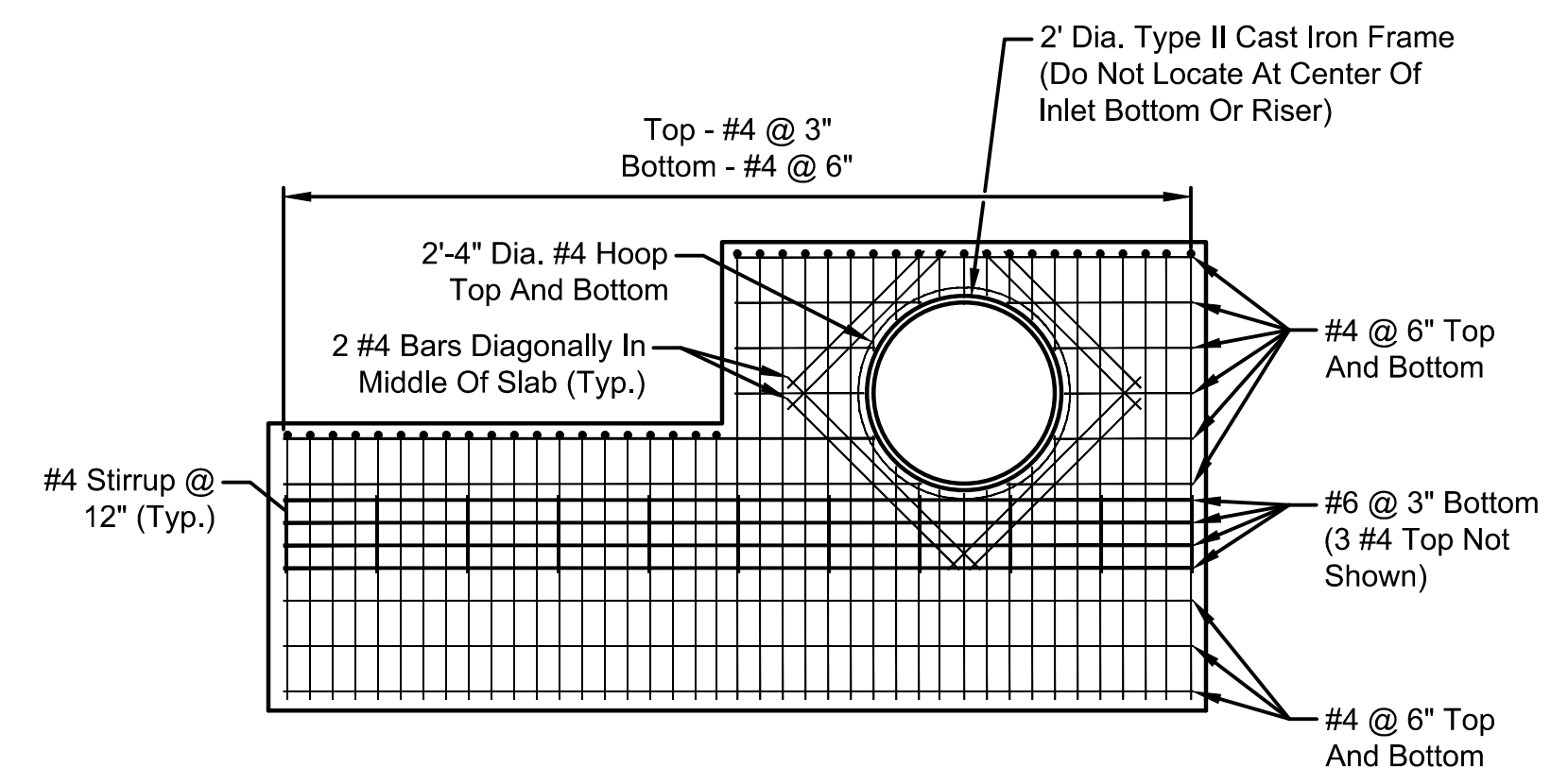
TOP VIEW



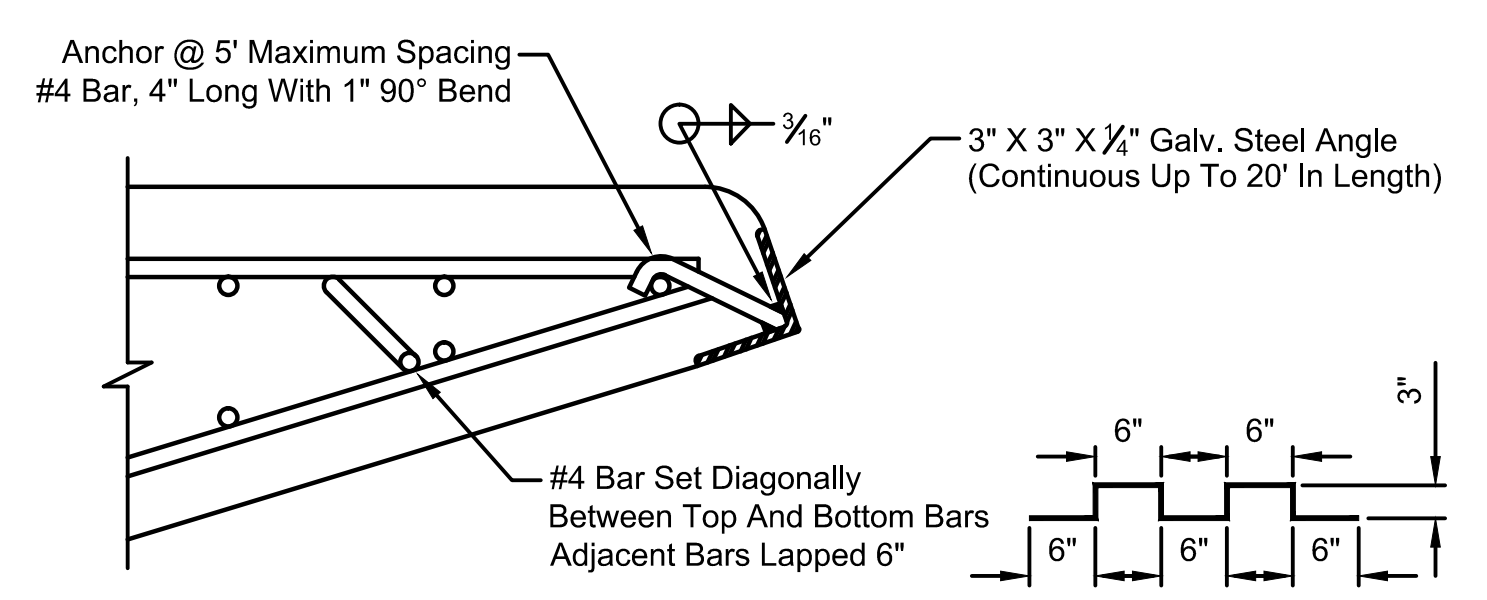
SECTION EE



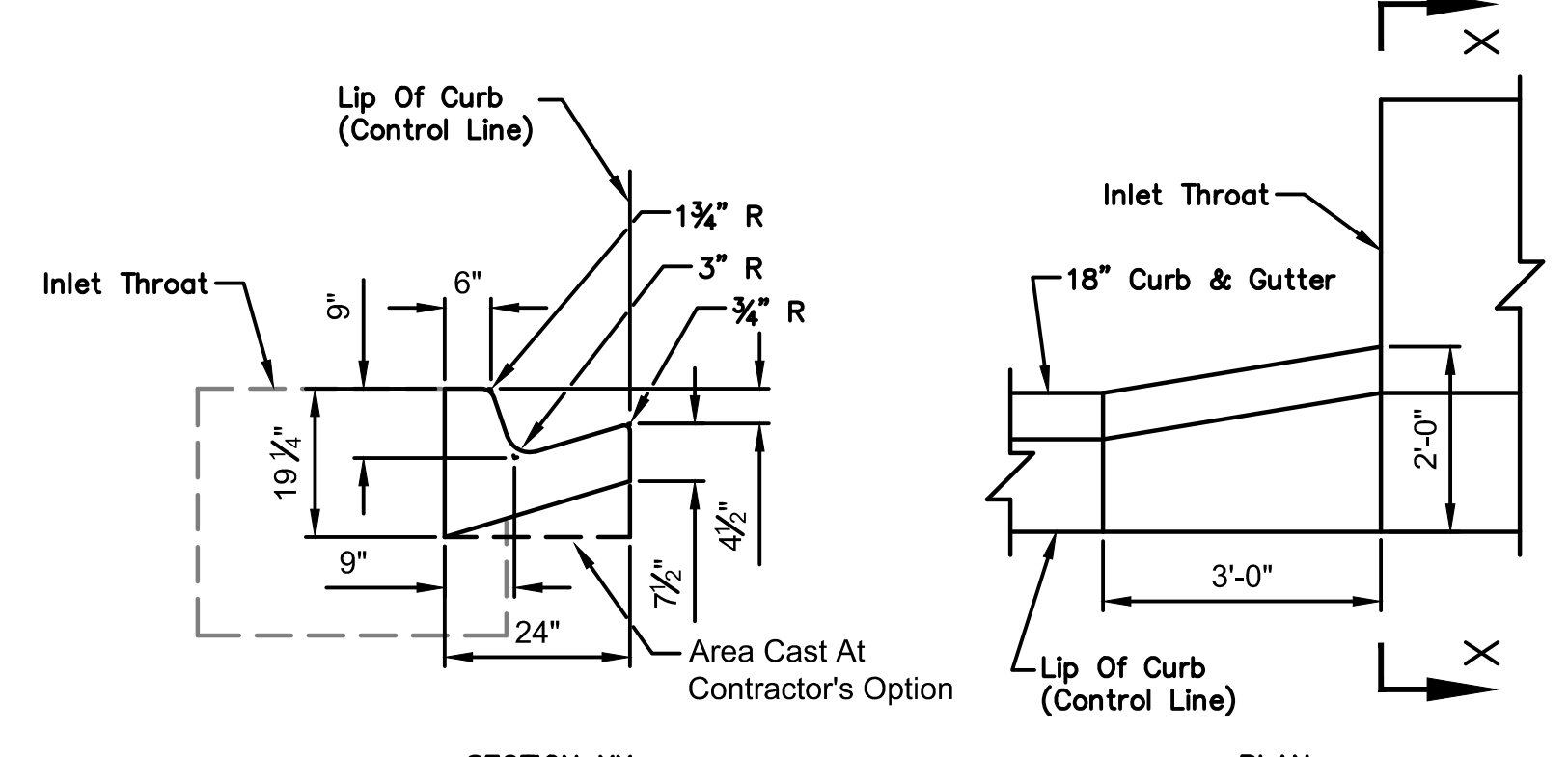
SECTION FF



TOP SLAB REINFORCEMENT PLAN
(Diagonal #4 Nose Reinforcing Bars Not Shown)



NOSE REINFORCING DETAIL



18" CURB & GUTTER TRANSITION
Inlet Throat End Of Structure (Opposite End Reversed)

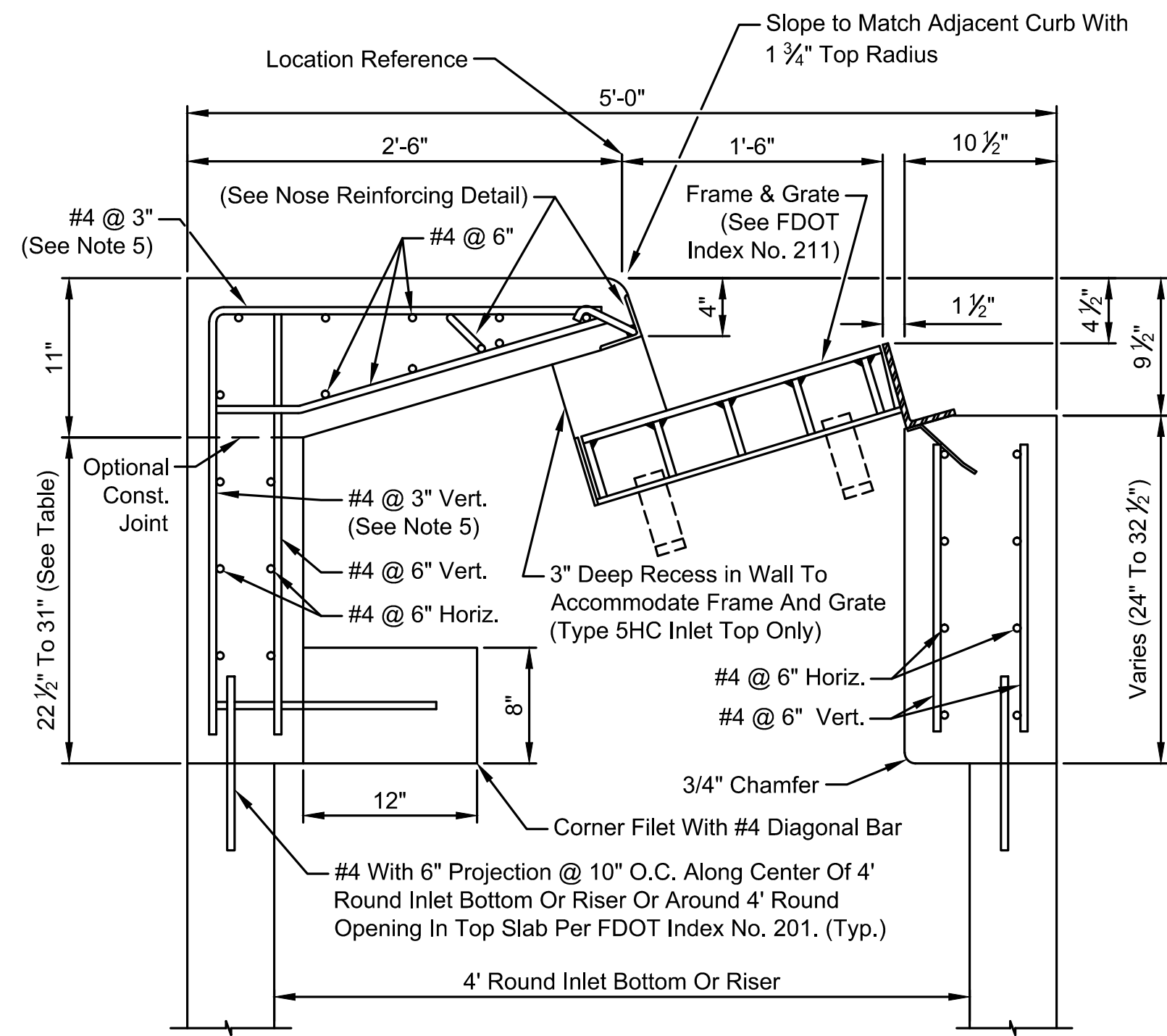
STRUCTURAL DESIGN BY
Stephen A. Nichols, P.E.
P.E. License No. 27463
Inovia Consulting Group
930 Thomasville Road, Suite 200
Tallahassee, Florida 32303

CURB INLET TOPS
TYPES 1HC & 2HC

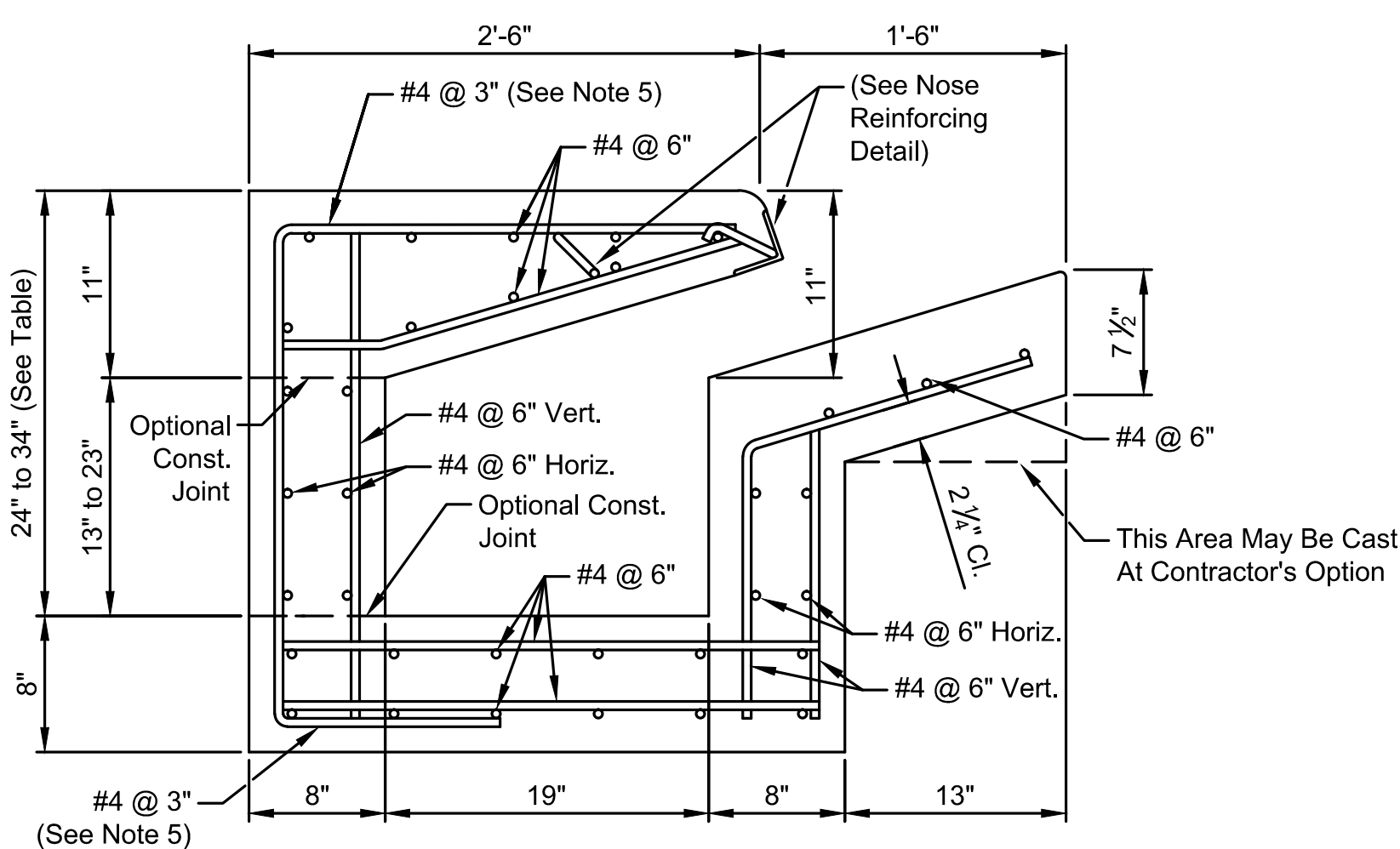
CITY OF TALLAHASSEE
STORMWATER MANAGEMENT
300 South Adams Street, B-35, Tallahassee, Florida 32301

LAST REVISION
09/16/11
SHEET 4

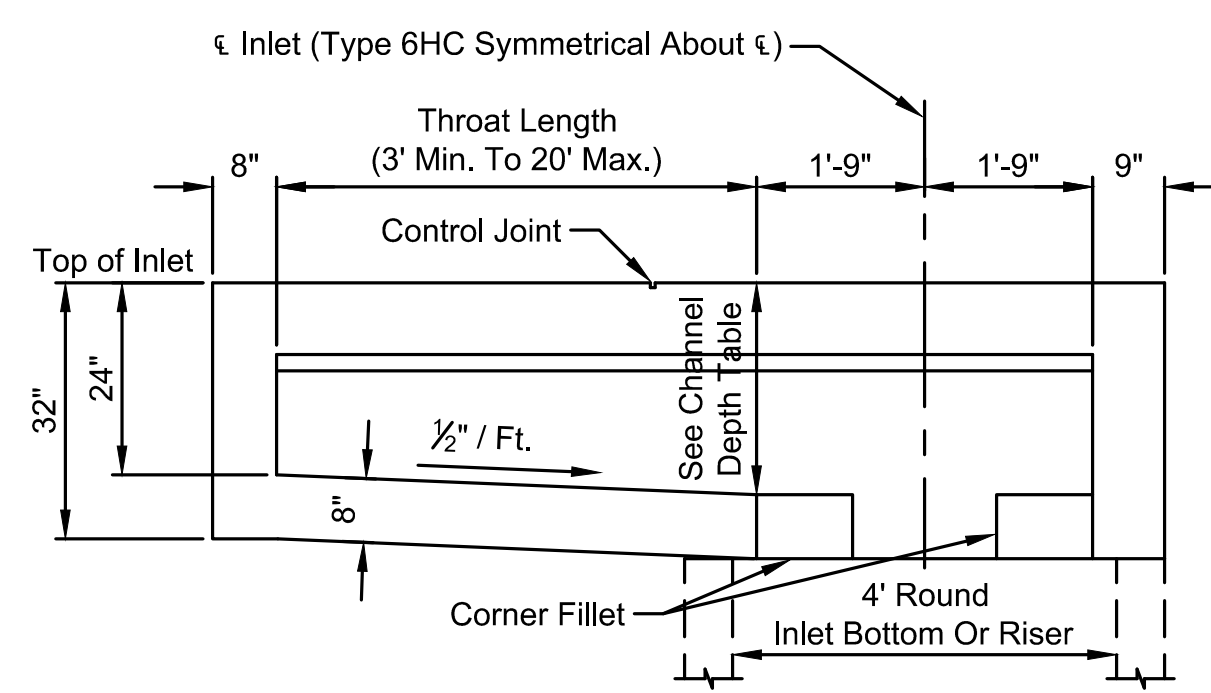
P:\011020\Drawings\LD-2011020\amp\Phase 2 Construction Plans (Updated)\Type 5HC Inlet.dwg 07/14/2016 10:08:51 AM



SECTION AA



SECTION BB



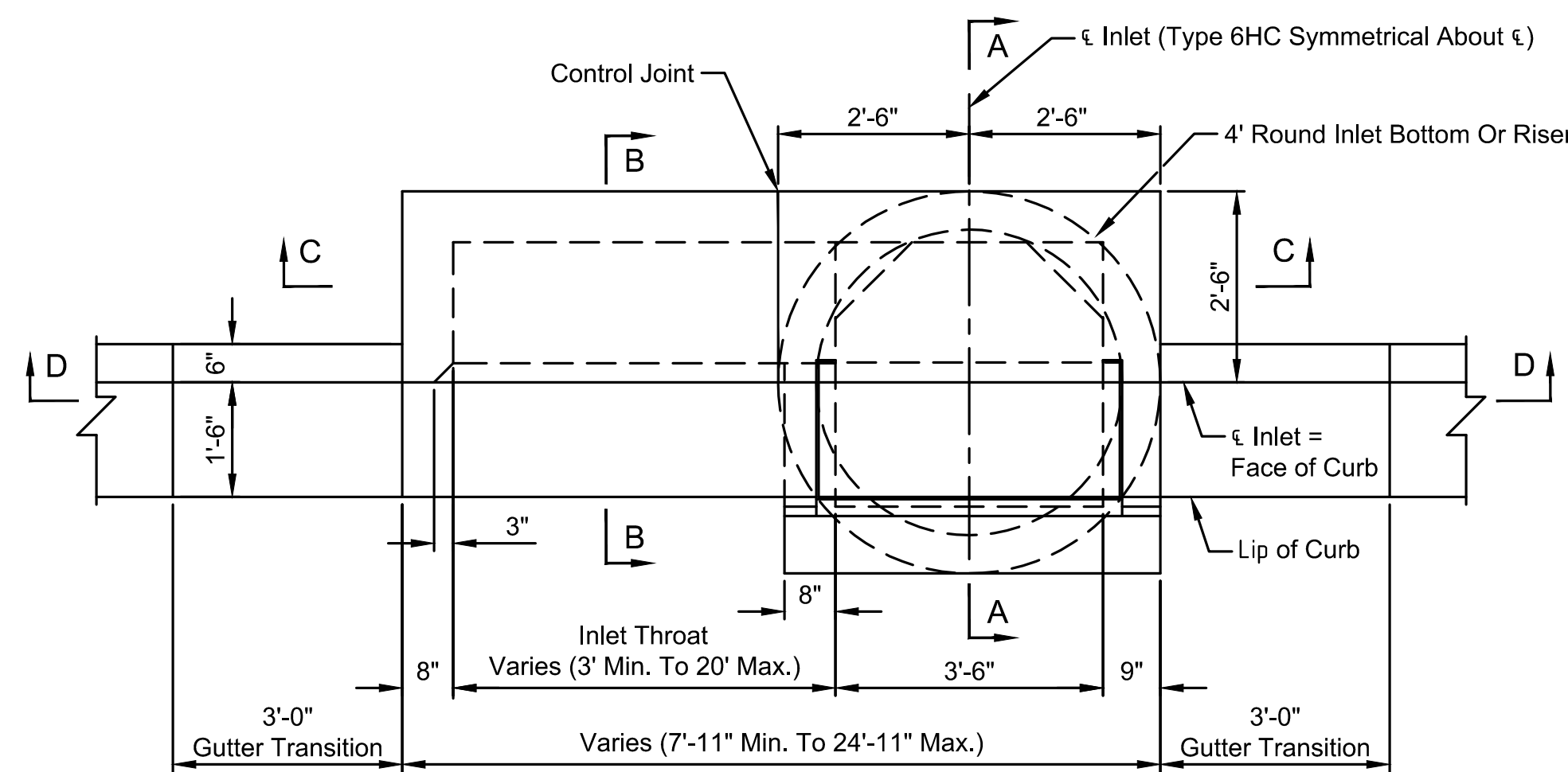
SECTION CC

CHANNEL DEPTH AT INLET BOTTOM OR RISER

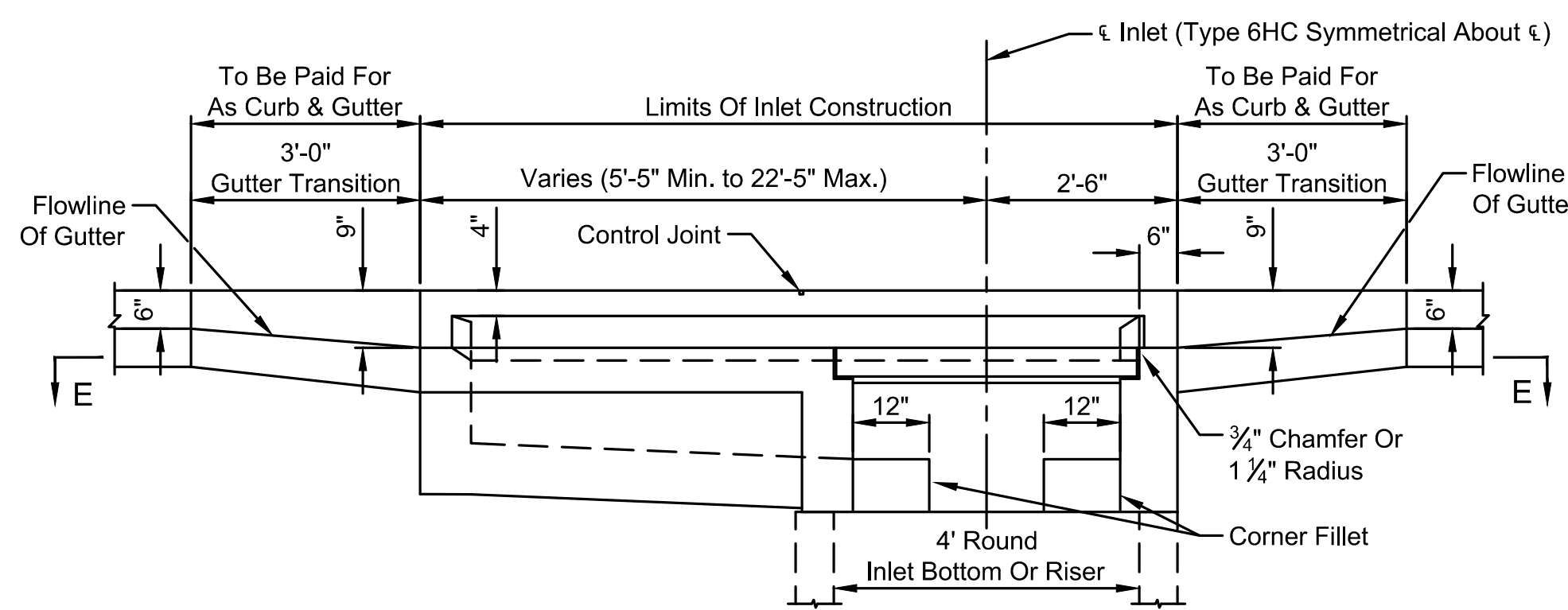
THROAT LENGTH	CHANNEL DEPTH
3 FT.	25 1/2"
4 FT.	26"
5 FT.	26 1/2"
6 FT.	27"
7 FT.	27 1/2"
8 FT.	28"
9 FT.	28 1/2"
10 FT.	29"
11 FT.	29 1/2"
12 FT.	30"
13 FT.	30 1/2"
14 FT.	31"
15 FT.	31 1/2"
16 FT.	32"
17 FT.	32 1/2"
18 FT.	33"
19 FT.	33 1/2"
20 FT.	34"

GENERAL NOTES

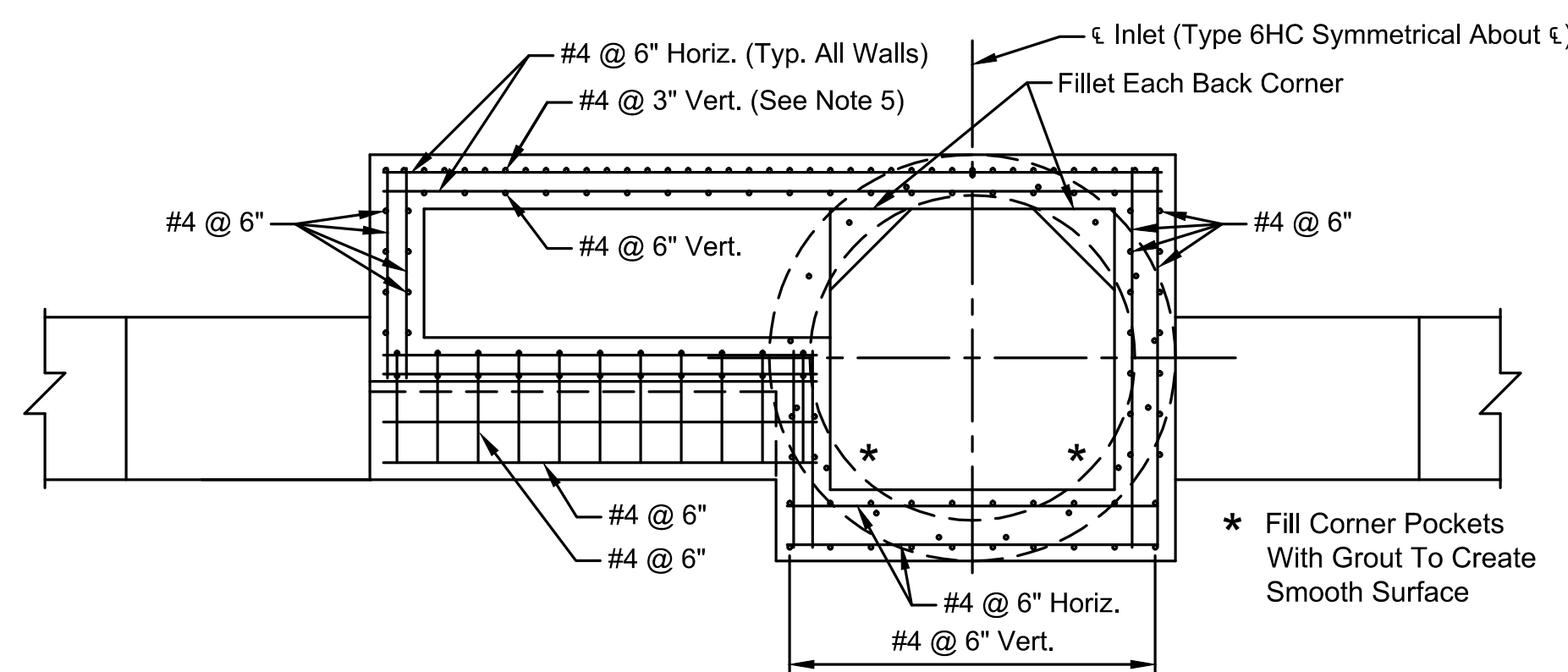
1. The finished grade and slope of the inlet top is to conform with the finished cross slope and grade of the existing or proposed sidewalk and/or grassed area.
2. For inlets constructed on a curve, determine the radius and modify the inlet details accordingly. Bend the steel when necessary.
3. Inlet tops shall be cast-in-place using FDOT Class III, $f_c = 5,000$ psi, concrete.
4. All reinforcing steel is to be ASTM A-615 Grade 60 bars with 1 1/4" minimum cover unless otherwise shown. Lap splices shall be a minimum of 12 inches in length for #4 bars and a minimum of 20" in length for #6 bars, except as noted.
5. #4 bars @ 3" spacing in rear wall and top and bottom slabs are to be continuous. These bars may be spliced only if an 18" bar projection is provided above the optional construction joints and a minimum splice length of 16" is provided.
6. Horizontal reinforcement at outside corners of wall sections shall continue around corner with lap splice, or corner bars shall be used to lap splice with horizontal wall reinforcement of each adjoining wall.
7. See FDOT Index No. 200 for inlet bottoms, and Index No. 201 for supplemental details.
8. See FDOT Index No. 211 for frame and grate details. Either cast iron grates or steel grates may be used. All steel used for frames and grates shall meet the requirements of ASTM A36/A36M.
9. Inlets are to be paid for under the contract unit price for Curb Inlet (Type ___), Each.



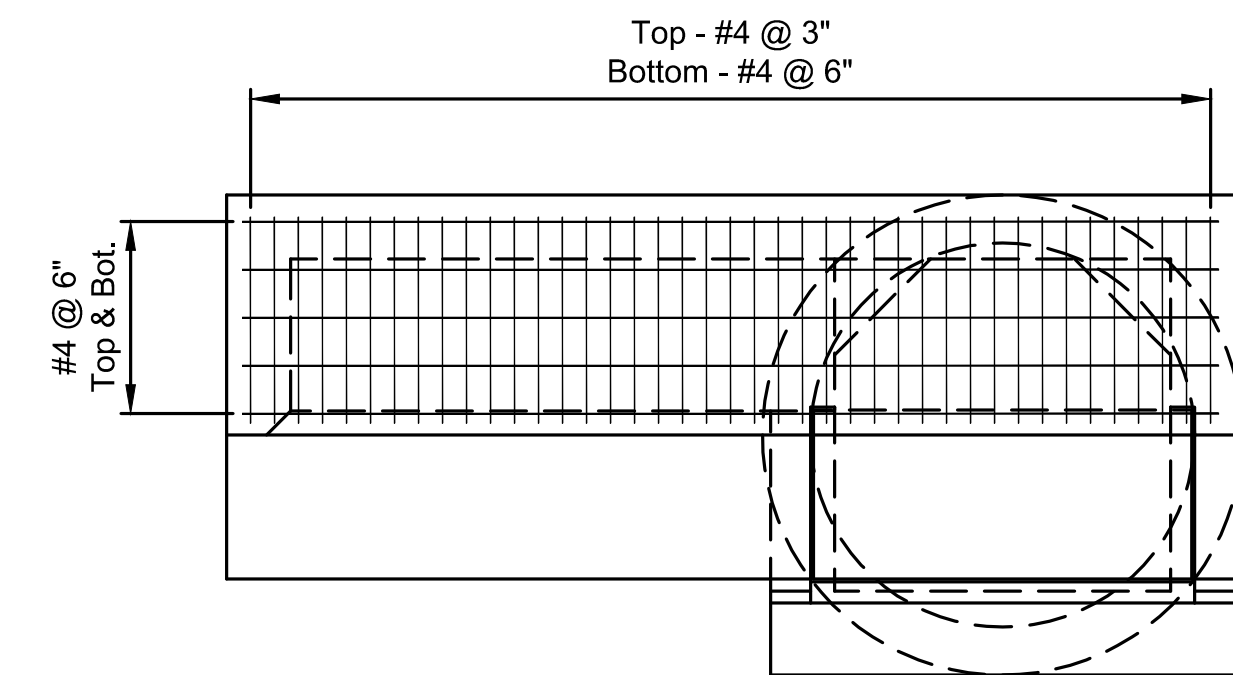
TOP VIEW



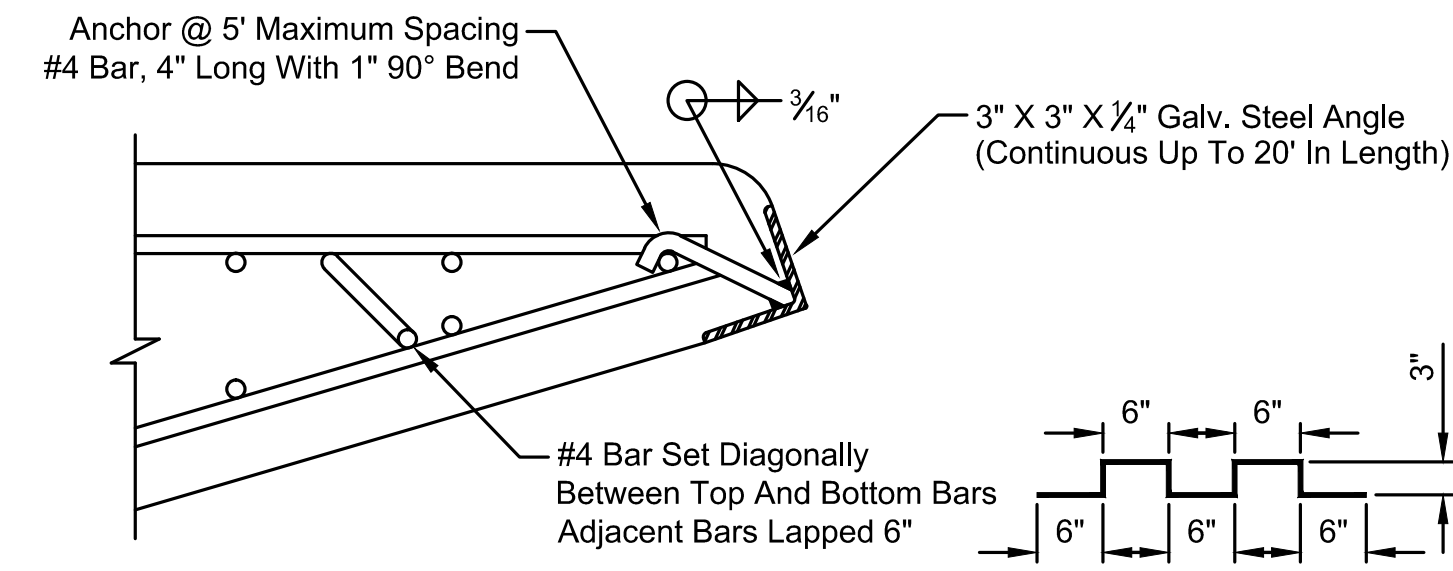
SECTION DD



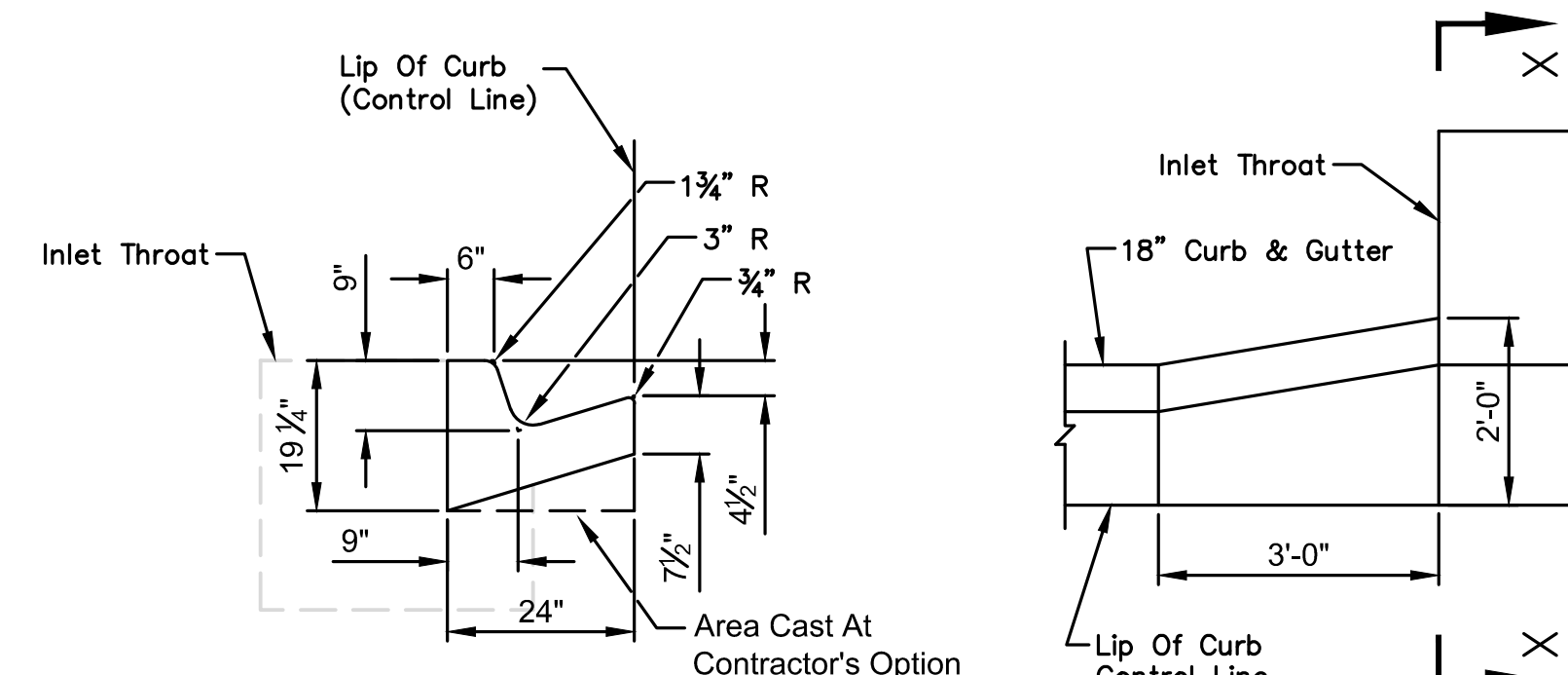
SECTION EE



TOP SLAB REINFORCEMENT PLAN
(Diagonal #4 Nose Reinforcing Bars Not Shown)



NOSE REINFORCING DETAIL



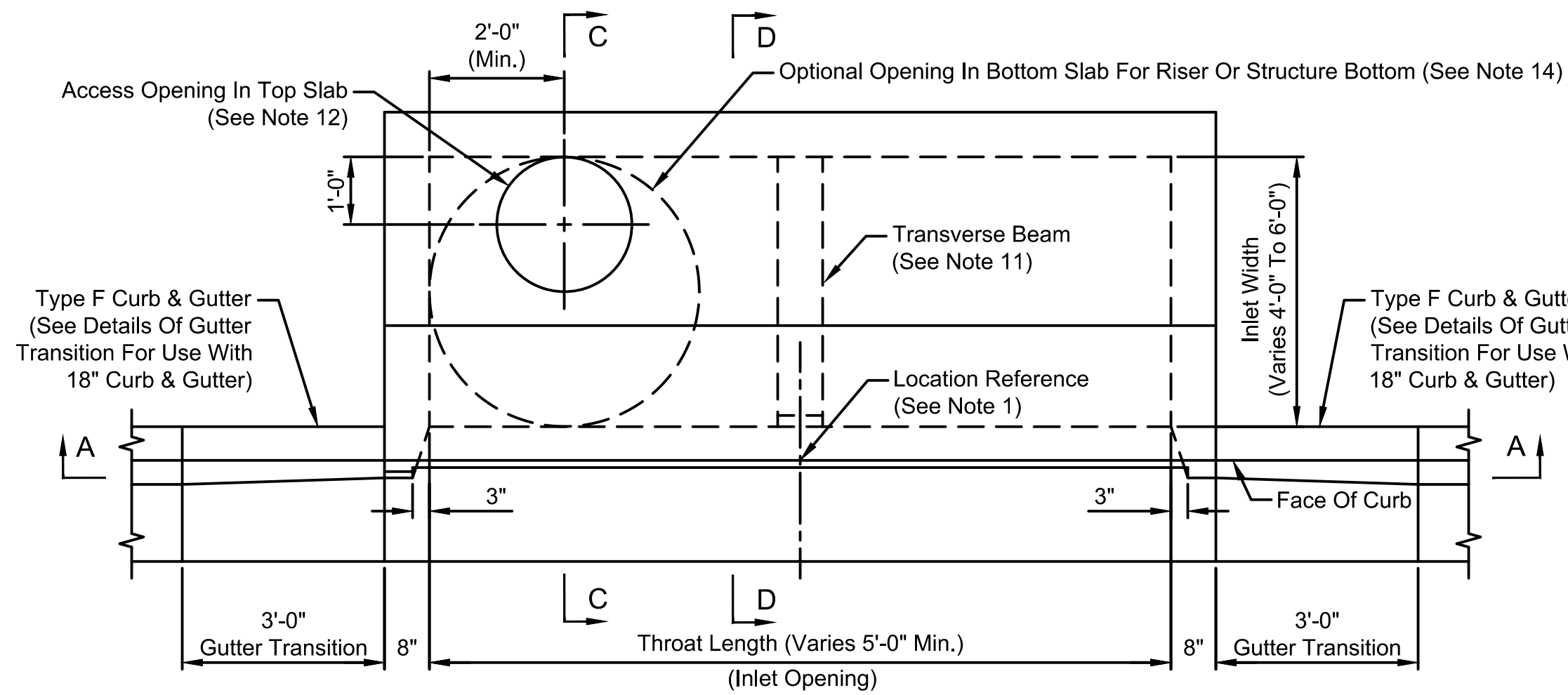
18" CURB & GUTTER TRANSITION
Inlet Throat End Of Structure (Opposite End Reversed)

STRUCTURAL DESIGN BY
 Stephen A. Nichols, P.E.
 P.E. License No. 27463
 Inovia Consulting Group
 930 Thomasville Road, Suite 200
 Tallahassee, Florida 32303

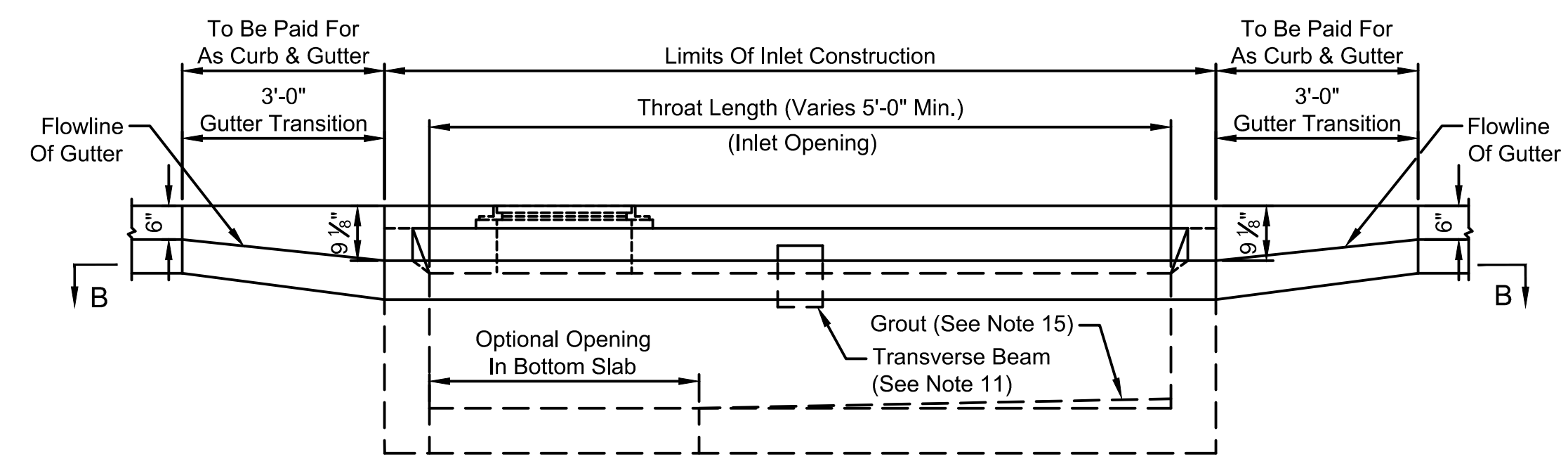
CURB INLET TOPS
TYPES 5HC & 6HC

CITY OF
TALLAHASSEE
 STORMWATER MANAGEMENT
 300 South Adams Street, B-35, Tallahassee, Florida 32301

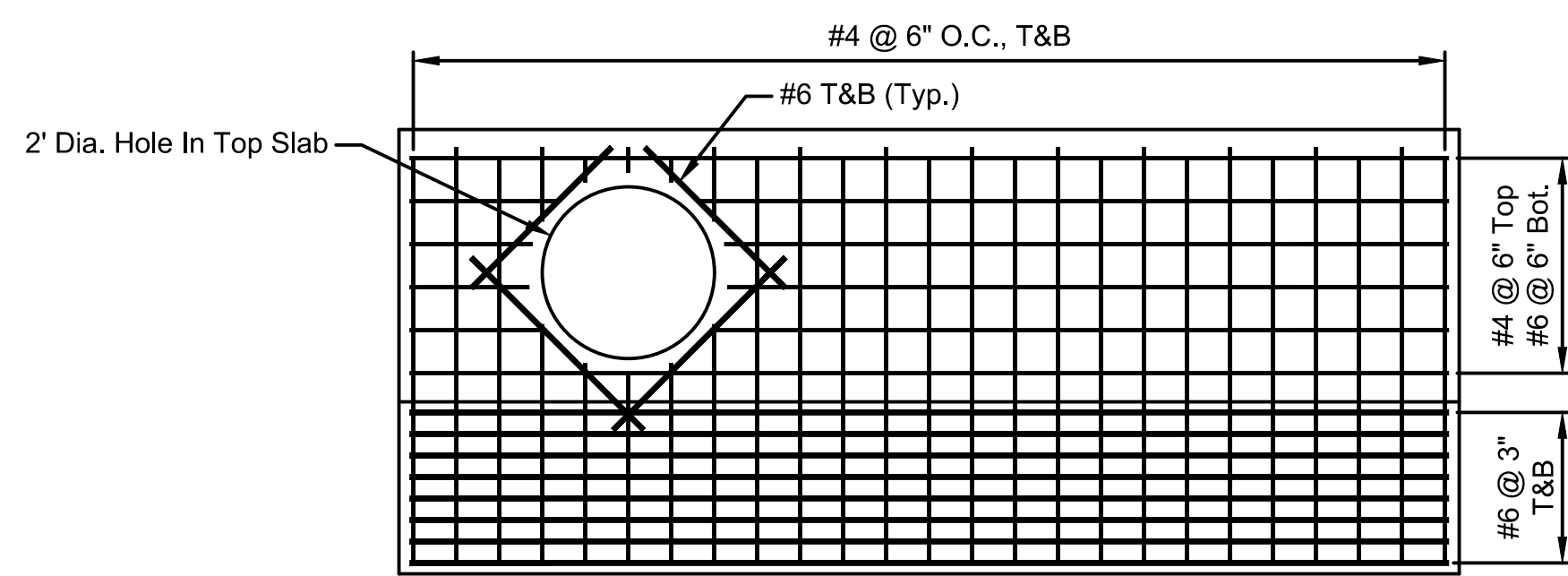
LAST REVISION
 09/16/11



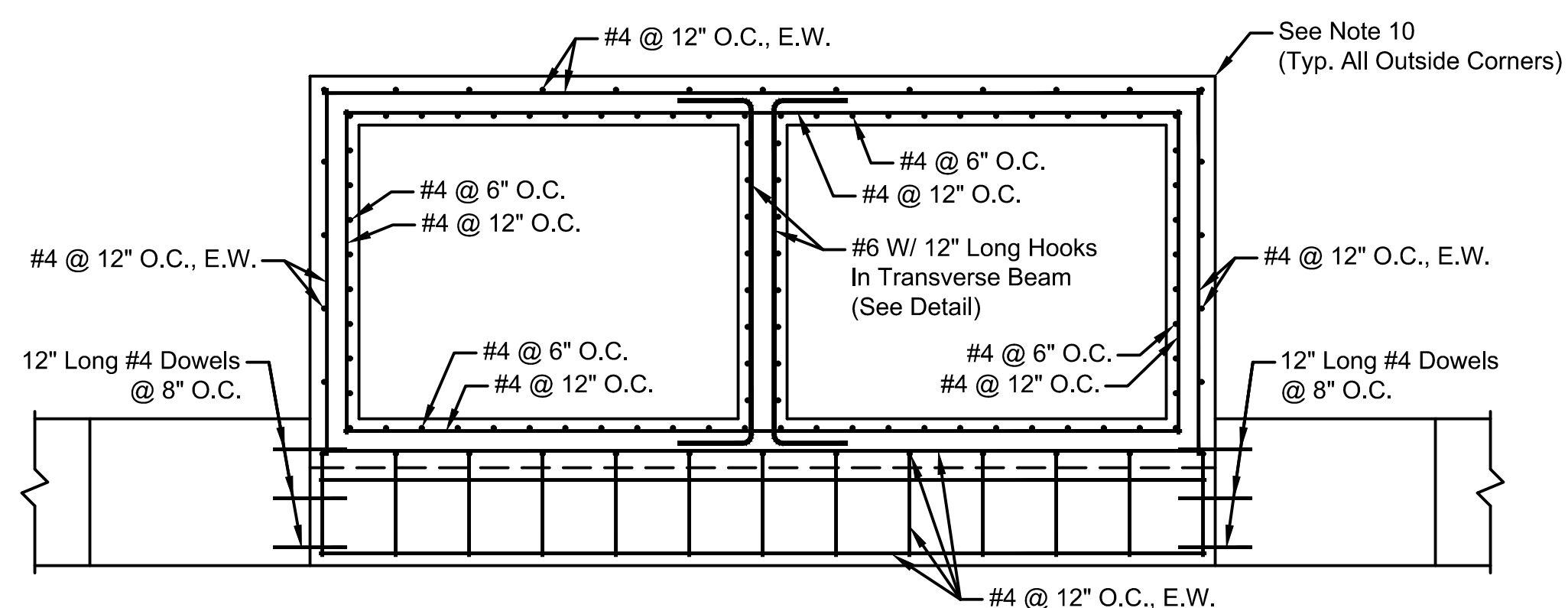
TOP VIEW



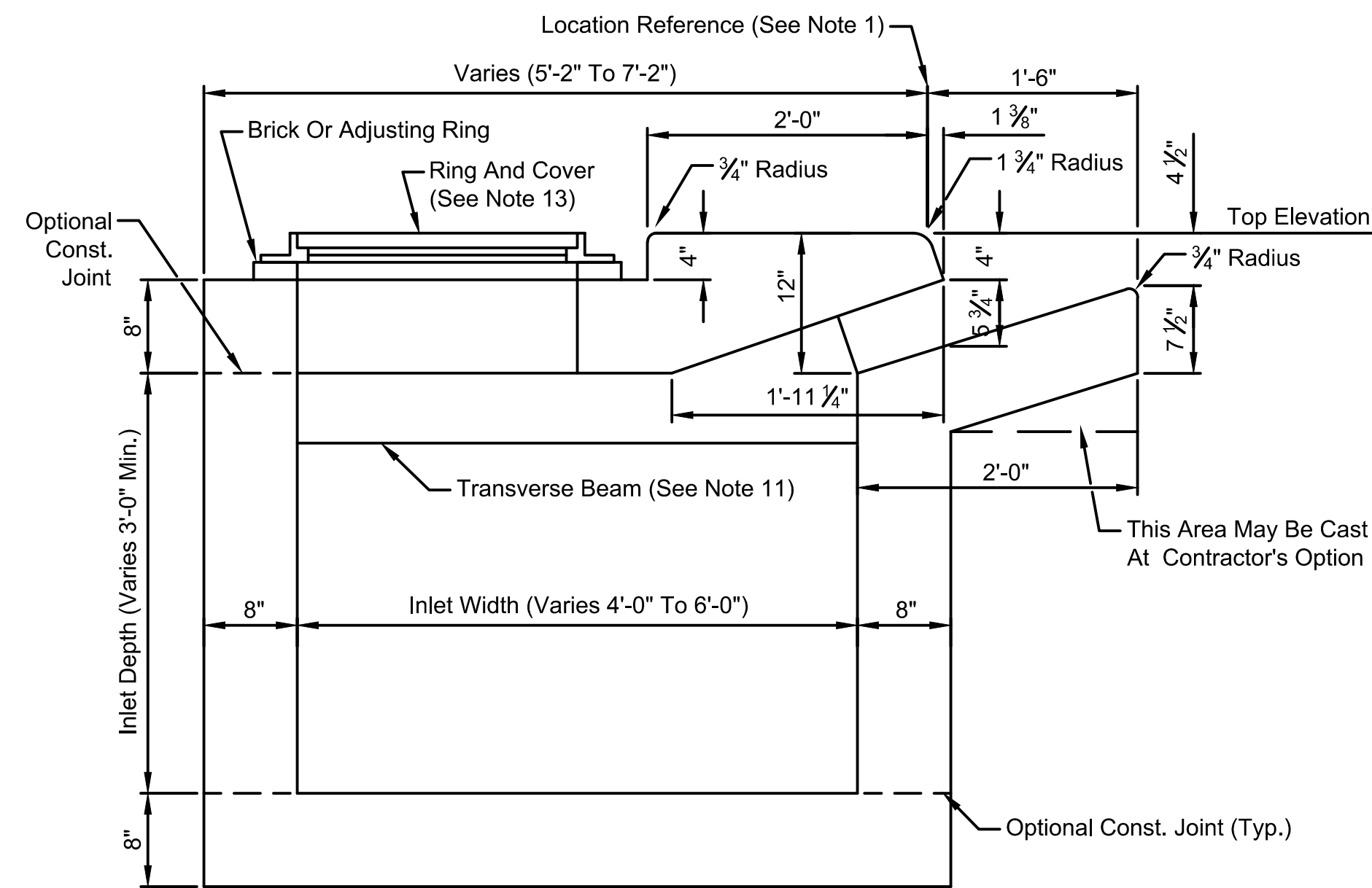
SECTION AA



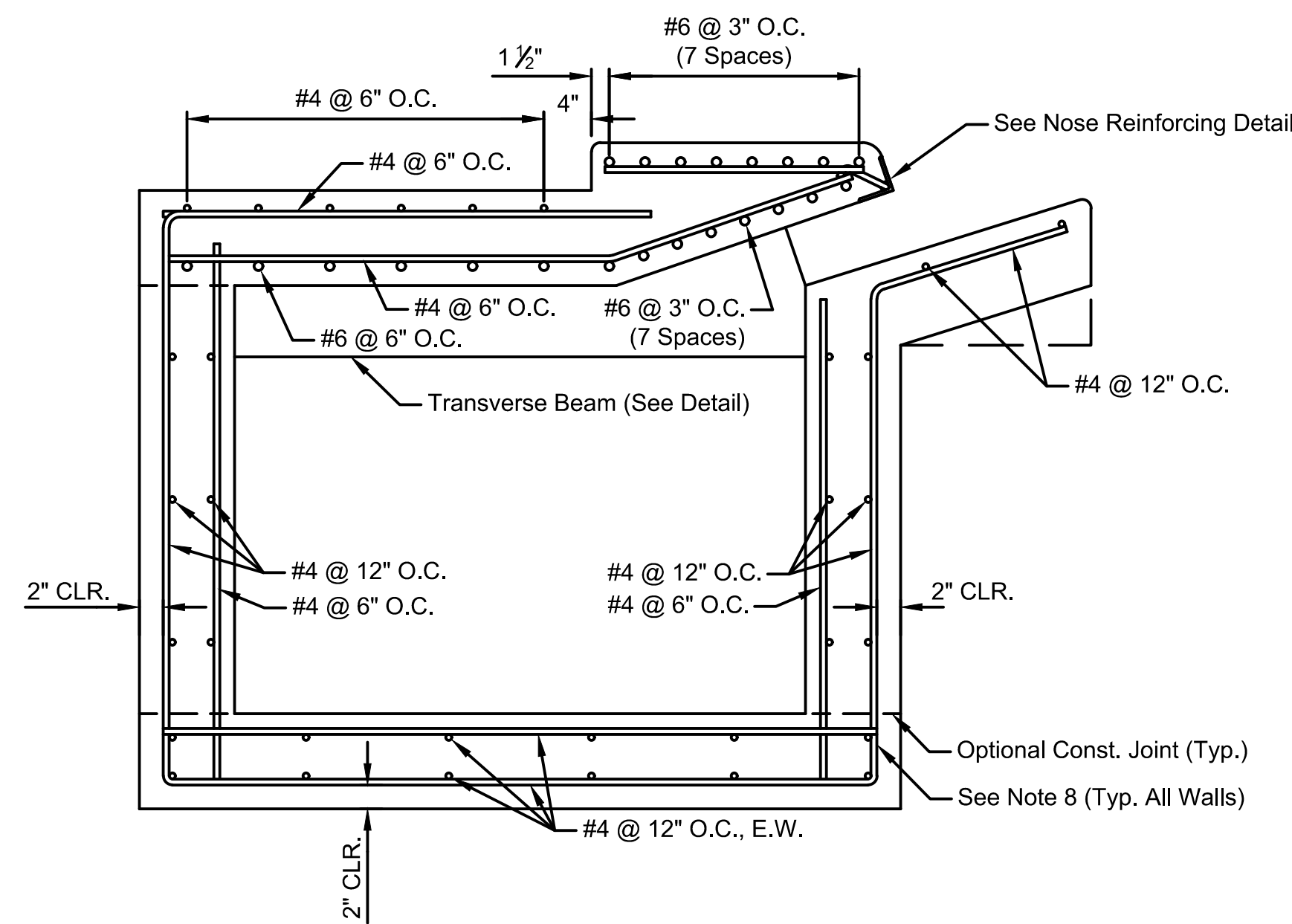
TOP SLAB REINFORCEMENT PLAN



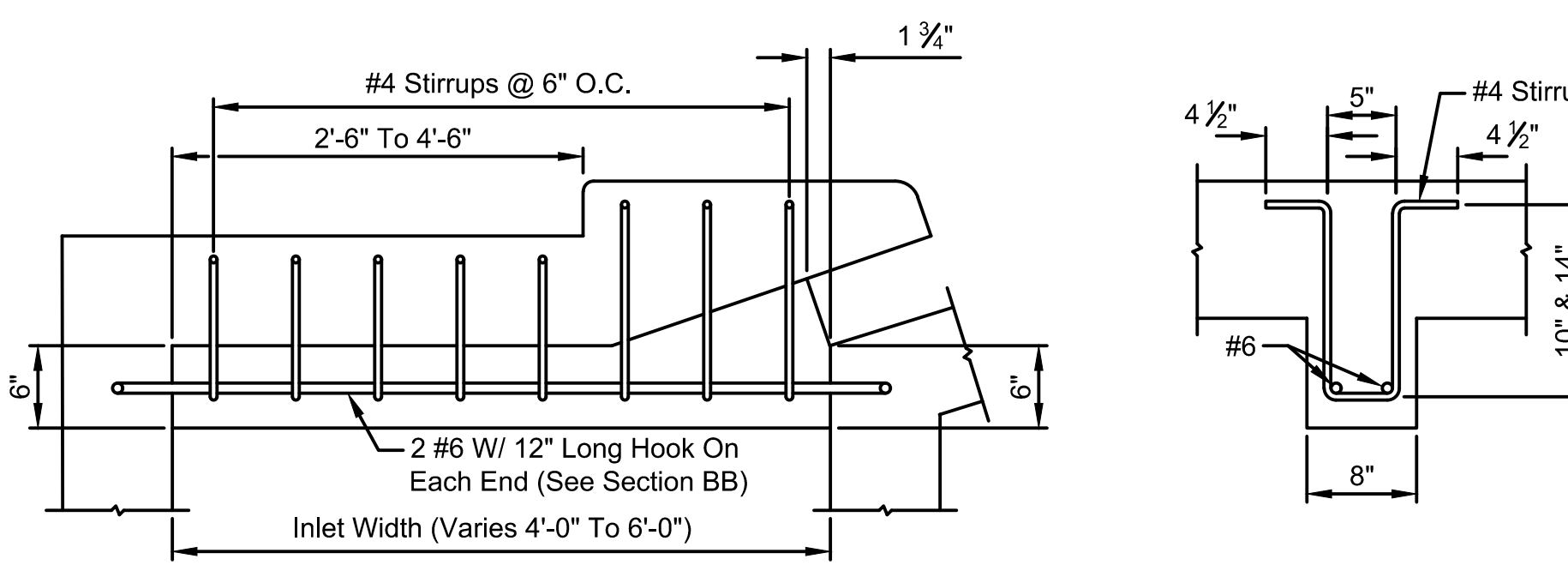
SECTION BB
(Optional Opening In Bottom Slab Not Shown)



SECTION CC
(Optional Opening In Bottom Slab Not Shown)



SECTION DD
(Optional Opening In Bottom Slab Not Shown)



TRANSVERSE BEAM DETAIL

GENERAL NOTES

- The SP-HC inlet "location reference" in the plans is at the mid point of the inlet opening at the face of curb (See TOP VIEW). The top elevation reference is the elevation of the top of inlet at the location reference point.
- The top of the inlet is to be parallel to the vertical alignment of the roadway. Bend the reinforcing steel and the nose reinforcing angle as required. The bottom of the inlet is to be level. The height of the walls is allowed to vary. On roadways where the vertical geometry is to be based on the existing roadway centerline or curb & gutter, the Contractor shall provide control points as needed to re-establish the lip of curb profile and set the elevations of the top of the inlet.
- The cross slope of the exposed inlet top is to conform with the finished cross slope and grade of the existing or proposed sidewalk and/or grassed area.
- For inlets constructed on curves, determine the radii and modify the inlet details accordingly. Bend the steel as required. The front and back edges of exposed concrete surfaces are to be parallel.
- All concrete shall be FDOT Class III, $f'c = 5,000$ psi.
- Chamfer all exposed edges and corners $3/4"$ or tool to a $1/4"$ radius unless otherwise shown.
- All reinforcing steel is to be ASTM A-615 Grade 60 bars with $1/4"$ minimum cover unless otherwise shown. Lap splices shall be a minimum of 16" in length for #4 bars and a minimum of 24" in length for #6 bars, except as noted.
- Vertical reinforcement in the outside mats in the walls shall be a continuation of the reinforcement in the bottom mat in the floor slab. These bars may be spliced only if a minimum splice length of 16" is provided.
- The outside row of vertical bars in the back and side walls shall be bent and shall extend a minimum of 16" into the top mat of the top slab.
- Horizontal reinforcement at outside corners of wall sections shall continue around corners with lap splice, or corner bars shall be used to lap splice with horizontal wall reinforcement of each adjoining wall.
- Transverse beams are required for all inlets with throat lengths greater than 10'-0". Transverse beams are to be equally spaced with center to center spacing not to exceed 10'-0".
- A single 2 foot diameter access opening shall be cast in the top slabs of inlets 10'-0" in length. Additional access openings may be required for inlets greater than 10'-0" in length. All access openings shall be placed adjacent to the rear wall of the inlet. Only one access opening is allowed in each segment of inlet top between an outside wall and a transverse beam or between two transverse beams. Access openings shall be placed near discharge pipes to the extent practicable. When inlets are placed on risers or structure bottoms, access openings shall be placed over the risers or structure bottoms. Reinforcing bars may be adjusted slightly to avoid interruption of the bars for the opening(s).
- A ring and cover shall be provided for each access opening. USF 580 rings or USF 195 rings, as determined by project conditions, shall be installed for inlets 4' or greater in width. USF 1182 slab type rings shall be cast into the top slabs of inlets 3' in width and inlets 4' or greater in width with slots. A USF TJ (#8017195) cover shall be provided for each ring.
- When an inlet is placed on a riser or structure bottom, the inlet shall be cast with a round opening in the bottom slab at the location of the riser or the opening in the top slab of the structure bottom. The diameter of the opening shall be a minimum of 4'-0" for an inlet 4' or greater in width, and shall be 3'-0" for a 3' wide inlet. The inlet shall be joined to the riser or structure bottom with 12" long #4 dowels evenly spaced at 12" maximum spacing around the opening. Dowels may be adhesive-bonded in accordance with FDOT Specification Section 416, or may be placed approximately 6" into fresh concrete, leaving the remainder to extend into the secondary cast.
- Grout is to be placed at the bottom of the inlet as shown on FDOT Index No. 201 and sloped to the invert elevation of the outflow pipe or to the optional opening in the bottom slab
- See FDOT Index No. 201 for supplemental details.
- SP-HC Inlets are to be paid for by the contract unit price for each inlet as identified by structure number. Payment shall include cost of concrete, reinforcing steel, cast iron ring(s) and cover(s), nose reinforcing, grout, and riser and/or structure bottom when called for in the plans.

LEGEND

- O.C. = On Center CLR. = Clear
E.W. = Each Way T&B = Top And Bottom

STRUCTURAL DESIGN BY
Stephen A. Nichols, P.E.
P.E. License No. 27463
Inovia Consulting Group
1983 Center Point Blvd., Suite 103
Tallahassee, Florida 32308

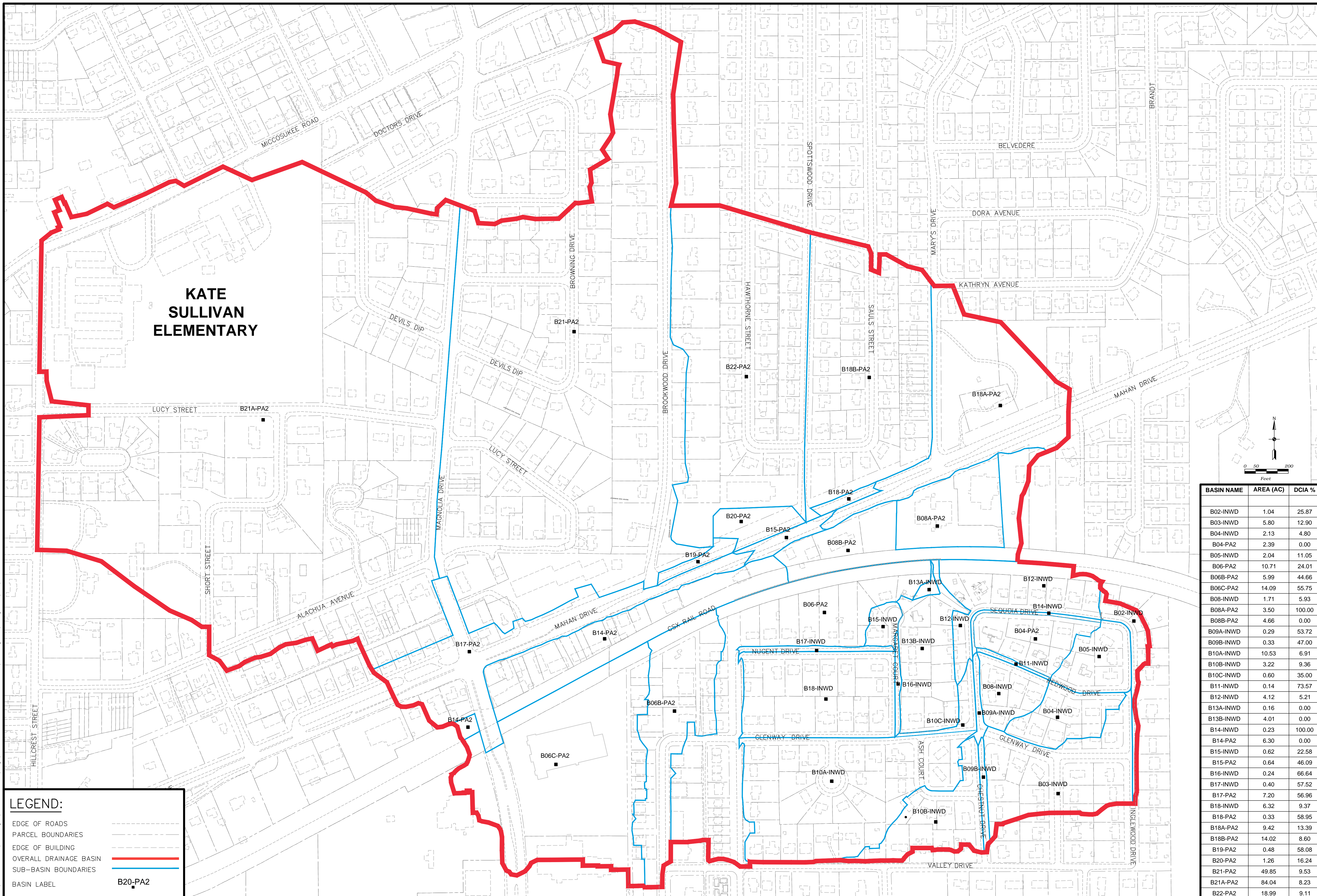
CURB INLET TYPE SP-HC

CITY OF TALLAHASSEE
STORMWATER MANAGEMENT
300 South Adams Street, B-35, Tallahassee, Florida 32301

LAST REVISION
9/17/14

SHEET 6

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LEGEND:

EDGE OF ROADS	---
PARCEL BOUNDARIES	---
EDGE OF BUILDING	---
OVERALL DRAINAGE BASIN	—
SUB-BASIN BOUNDARIES	---
BASIN LABEL	B20-PA2

BASIN NAME	AREA (AC)	DCIA %
B02-INWD	1.04	25.87
B03-INWD	5.80	12.90
B04-INWD	2.13	4.80
B04-PA2	2.39	0.00
B05-INWD	2.04	11.05
B06-PA2	10.71	24.01
B06B-PA2	5.99	44.66
B06C-PA2	14.09	55.75
B08-INWD	1.71	5.93
B08A-PA2	3.50	100.00
B08B-PA2	4.66	0.00
B09A-INWD	0.29	53.72
B09B-INWD	0.33	47.00
B10A-INWD	10.53	6.91
B10B-INWD	3.22	9.36
B10C-INWD	0.60	35.00
B11-INWD	0.14	73.57
B12-INWD	4.12	5.21
B13A-INWD	0.16	0.00
B13B-INWD	4.01	0.00
B14-INWD	0.23	100.00
B14-PA2	6.30	0.00
B15-INWD	0.62	22.58
B15-PA2	0.64	46.09
B16-INWD	0.24	66.64
B17-INWD	0.40	57.52
B17-PA2	7.20	56.96
B18-INWD	6.32	9.37
B18-PA2	0.33	58.95
B18A-PA2	9.42	13.39
B18B-PA2	14.02	8.60
B19-PA2	0.48	58.08
B20-PA2	1.26	16.24
B21-PA2	49.85	9.53
B21A-PA2	84.04	8.23
B22-PA2	18.99	9.11

ENGINEER OF RECORD
 G. Pedersen, Inc.
 1590 Village Square Boulevard
 Tallahassee, FL 32309
 P.E. NO. 70881

ORIGINAL MARCH 14, 2016

REVISIONS:

1	
2	
3	
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5	

SHEET

OVERALL DRAINAGE MAP

PROJECT

**INGLEWOOD NEIGHBOR
 STORMWATER
 IMPROVEMENTS**

ENGINEERING AND CONSTRUCTION SERVICES
 TALLAHASSEE, FLORIDA 32309
 PHONE (904) 688-8211 • FAX (904) 688-5106
 LICENSED PROFESSIONAL ENGINEER (P.E.) NO. 3488
 LICENSED BUSINESS NO. 7560



JOB NO. 2011020.00

DRAWN SS

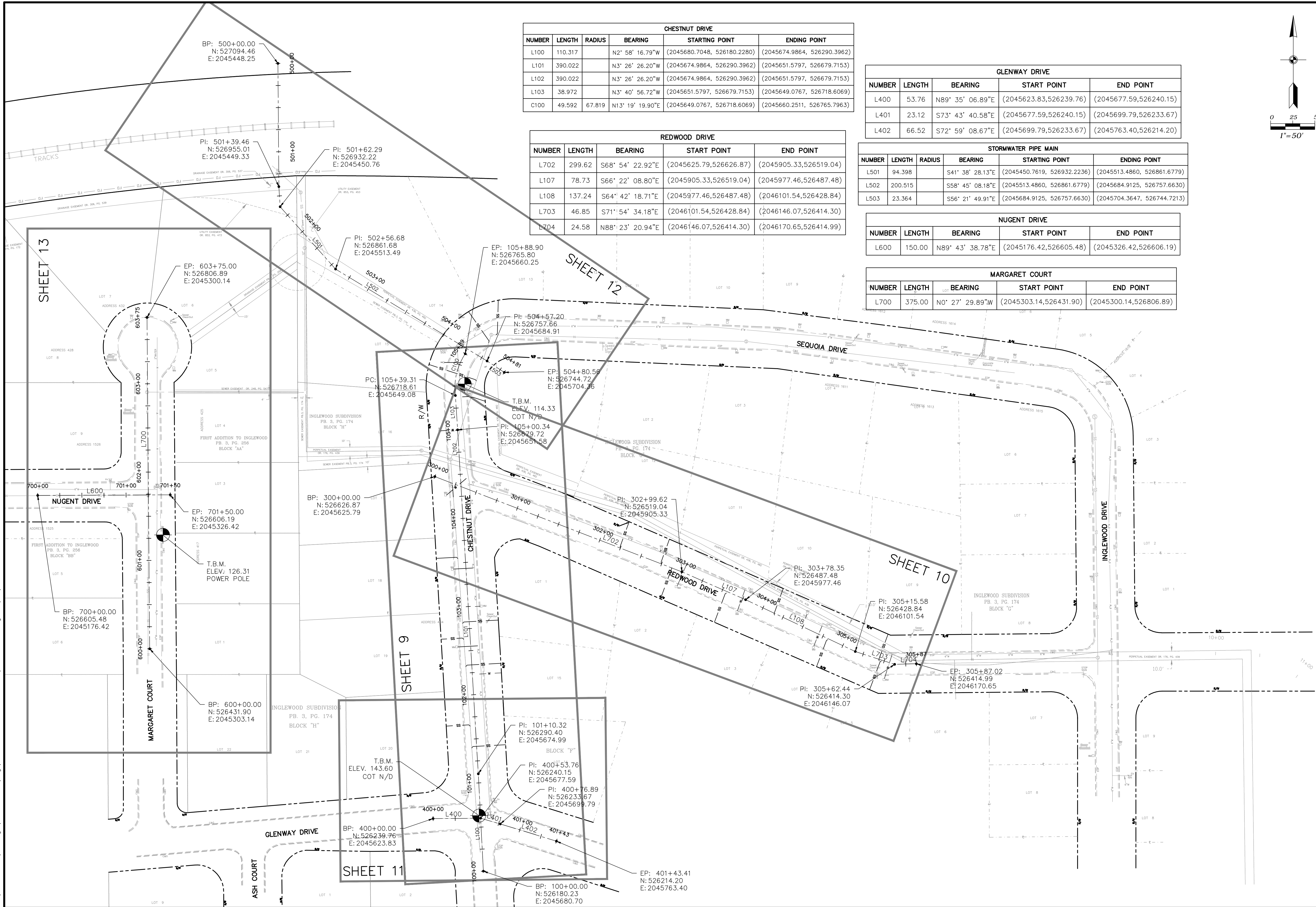
DESIGNED SS

CHECKED AW

QC AW

SHEET **7**

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CHESTNUT DRIVE					
NUMBER	LENGTH	RADIUS	BEARING	STARTING POINT	ENDING POINT
L100	110.317		N2° 58' 16.79"W	(2045680.7048, 526180.2280)	(2045674.9864, 526290.3962)
L101	390.022		N3° 26' 26.20"W	(2045674.9864, 526290.3962)	(2045651.5797, 526679.7153)
L102	390.022		N3° 26' 26.20"W	(2045674.9864, 526290.3962)	(2045651.5797, 526679.7153)
L103	38.972		N3° 40' 56.72"W	(2045651.5797, 526679.7153)	(2045649.0767, 526718.6069)
C100	49.592	67.819	N13° 19' 19.90"E	(2045649.0767, 526718.6069)	(2045660.2511, 526765.7963)

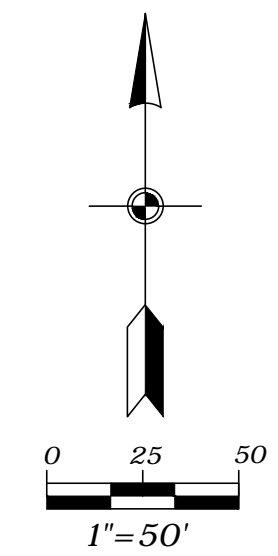
REDWOOD DRIVE					
NUMBER	LENGTH	RADIUS	BEARING	STARTING POINT	ENDING POINT
L702	299.62		S68° 54' 22.92"E	(2045625.79, 526626.87)	(2045905.33, 526519.04)
L107	78.73		S66° 22' 08.80"E	(2045905.33, 526519.04)	(2045977.46, 526487.48)
L108	137.24		S64° 42' 18.71"E	(2045977.46, 526487.48)	(2046101.54, 526428.84)
L703	46.85		S71° 54' 34.18"E	(2046101.54, 526428.84)	(2046146.07, 526414.30)
L704	24.58		N88° 23' 20.94"E	(2046146.07, 526414.30)	(2046170.65, 526414.99)

GLENWAY DRIVE					
NUMBER	LENGTH	RADIUS	BEARING	START POINT	END POINT
L400	53.76		N89° 35' 06.89"E	(2045623.83, 526239.76)	(2045677.59, 526240.15)
L401	23.12		S73° 43' 40.58"E	(2045677.59, 526240.15)	(2045699.79, 526233.67)
L402	66.52		S72° 59' 08.67"E	(2045699.79, 526233.67)	(2045763.40, 526214.20)

STORMWATER PIPE MAIN					
NUMBER	LENGTH	RADIUS	BEARING	STARTING POINT	ENDING POINT
L501	94.398		S41° 38' 28.13"E	(2045450.7619, 526932.2236)	(2045513.4860, 526861.6779)
L502	200.515		S58° 45' 08.18"E	(2045513.4860, 526861.6779)	(2045684.9125, 526757.6630)
L503	23.364		S56° 21' 49.91"E	(2045684.9125, 526757.6630)	(2045704.3647, 526744.7213)

NUGENT DRIVE					
NUMBER	LENGTH	RADIUS	BEARING	START POINT	END POINT
L600	150.00		N89° 43' 38.78"E	(2045176.42, 526605.48)	(2045326.42, 526606.19)

MARGARET COURT					
NUMBER	LENGTH	RADIUS	BEARING	START POINT	END POINT
L700	375.00		N0° 27' 29.89"W	(2045303.14, 526431.90)	(2045300.14, 526806.89)



ENGINEER OF RECORD
 ALVIN D. GRIFFIN, P.E., Inc.
 1590 Village Square Boulevard
 Tallahassee, FL 32309
 P.E. NO. 70881

ORIGINAL: MARCH 14, 2016
 REVISIONS:
 1 _____
 2 _____
 3 _____
 4 _____
 5 _____

PROJECT: INGLEWOOD NEIGHBORHOOD STORMWATER IMPROVEMENTS

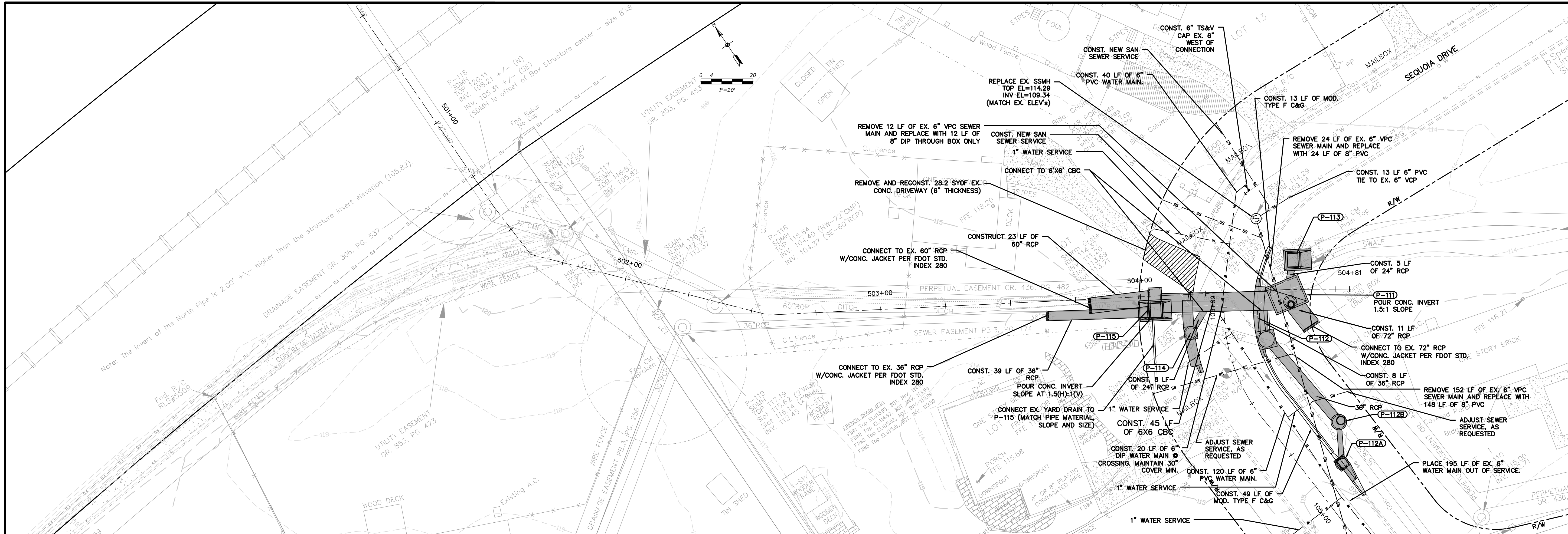
ENGINEERING AND CONSTRUCTION SERVICES
 TALLAHASSEE, FLORIDA 32309
 PHONE (850) 668-5211 • FAX (850) 668-5106
 E-MAIL: INFO@GPI-INC.COM • WEBSITE: WWW.GPI-INC.COM
 LICENSED BUSINESS NO.: 7290

GPI
 Greenman-Pedersen, Inc.

JOB NO. 2011020.00
 DRAWN: SS
 DESIGNED: SS
 CHECKED: AW
 QC: AW

SHEET 8

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ENGINEER OF RECORD
 ALAN W. PETERSEN, P.E.
 GREENMAN-PEDERSEN, INC.
 1590 Village Square Boulevard
 Tallahassee, FL 32309
 P.E. NO. 70831

ORIGINAL MARCH 14, 2016

REVISIONS:	DATE	DESCRIPTION
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SHEET
**DRAINAGE EASEMENT
 PLAN & PROFILE**
 STA: 500+00 TO 504+81

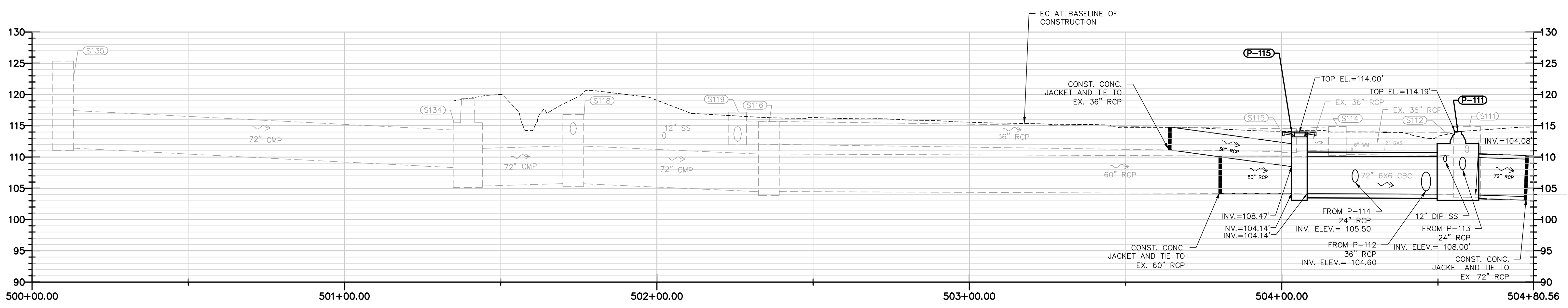
PROJECT
**INGLEWOOD
 NEIGHBORHOOD
 STORMWATER
 IMPROVEMENTS**

ENGINEERING AND CONSTRUCTION SERVICES
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 TALLAHASSEE, FLORIDA 32309
 LICENSED BUSINESS NO. 7293



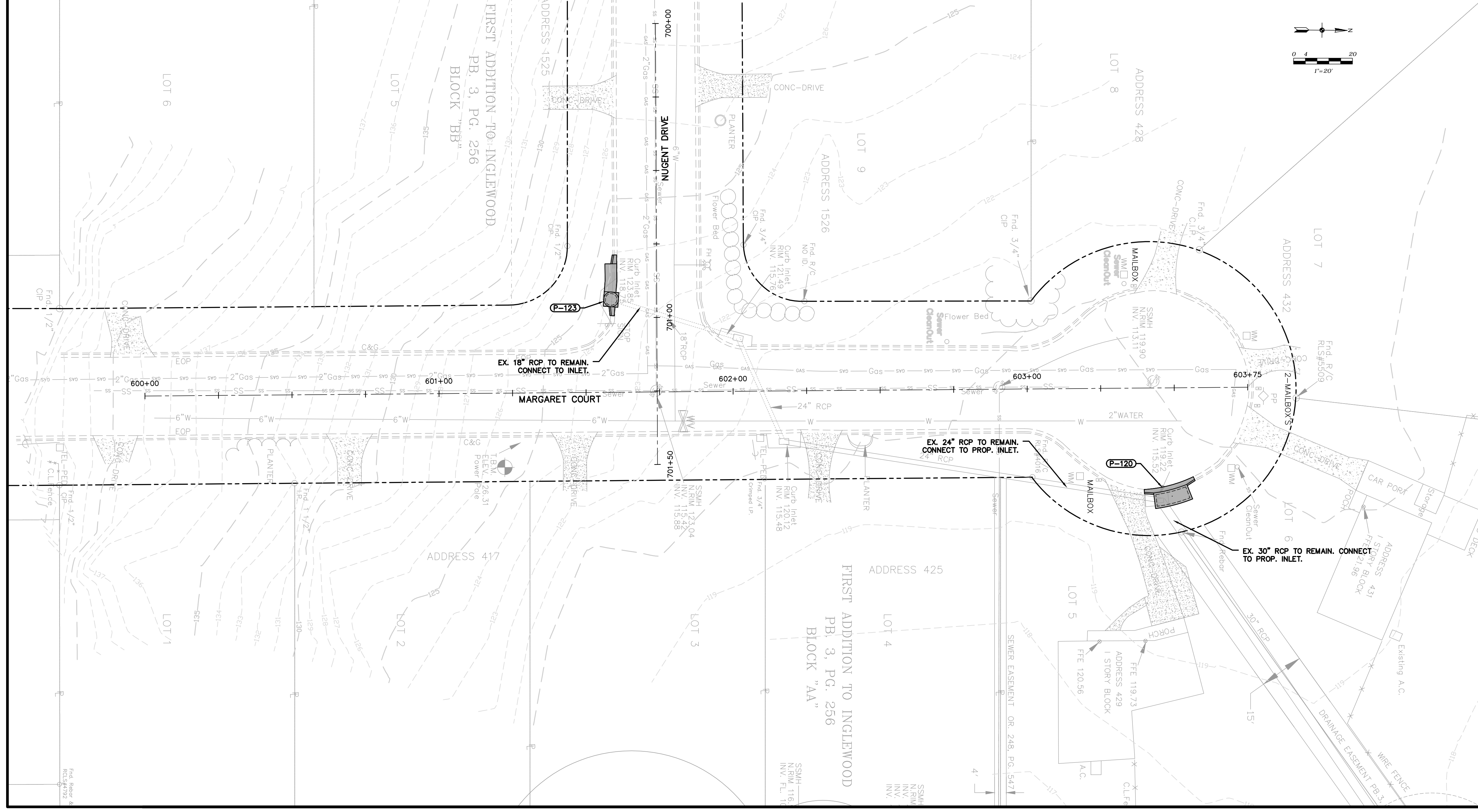
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SHEET **12**



H: 1"=20'
 V: 1"=10'

NOTE:
 EX. WATER AND GAS MAIN DEPTHS ARE ASSUMED
 FROM STANDARD UTILITY PLACEMENT GUIDE.



JOB NO. 2011020.00
 DRAWN SS
 DESIGNED SS
 CHECKED AW
 QC AW

SHEET 13

GPI
 Greenman-Pedersen, Inc.
 ENGINEERING AND CONSTRUCTION SERVICES
 TALLAHASSEE, FLORIDA 32309
 PHONE (850) 668-5211 • FAX (850) 668-5106
 LICENSED PROFESSIONAL ENGINEER (NO. 3496)
 LICENSED BUSINESS NC: 7292

PROJECT

**INGLEWOOD
 NEIGHBORHOOD
 STORMWATER
 IMPROVEMENTS**

SHEET

**PLAN VIEW NUGENT DRIVE
 AND MARGARET COURT**

ORIGINAL MARCH 14, 2016

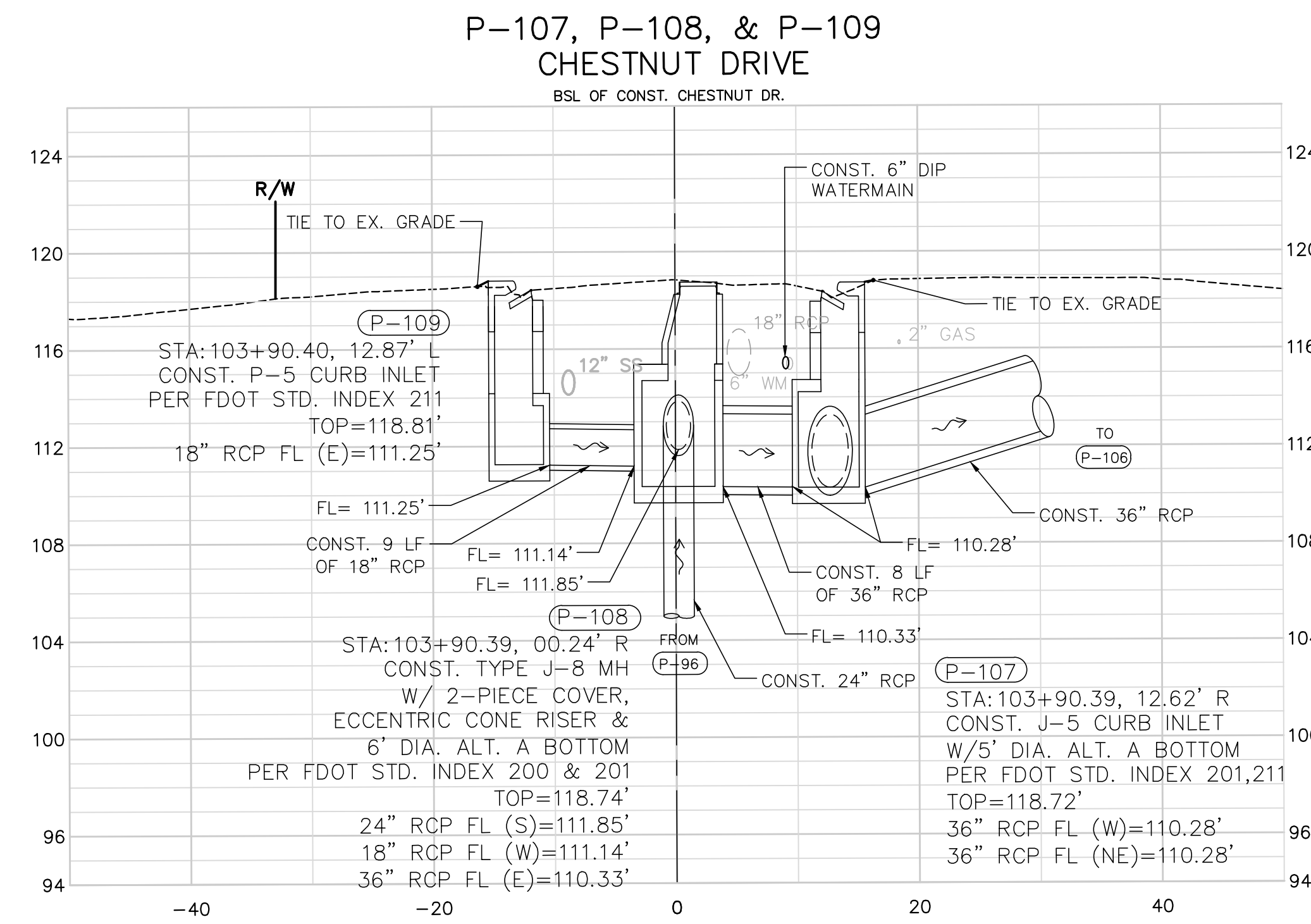
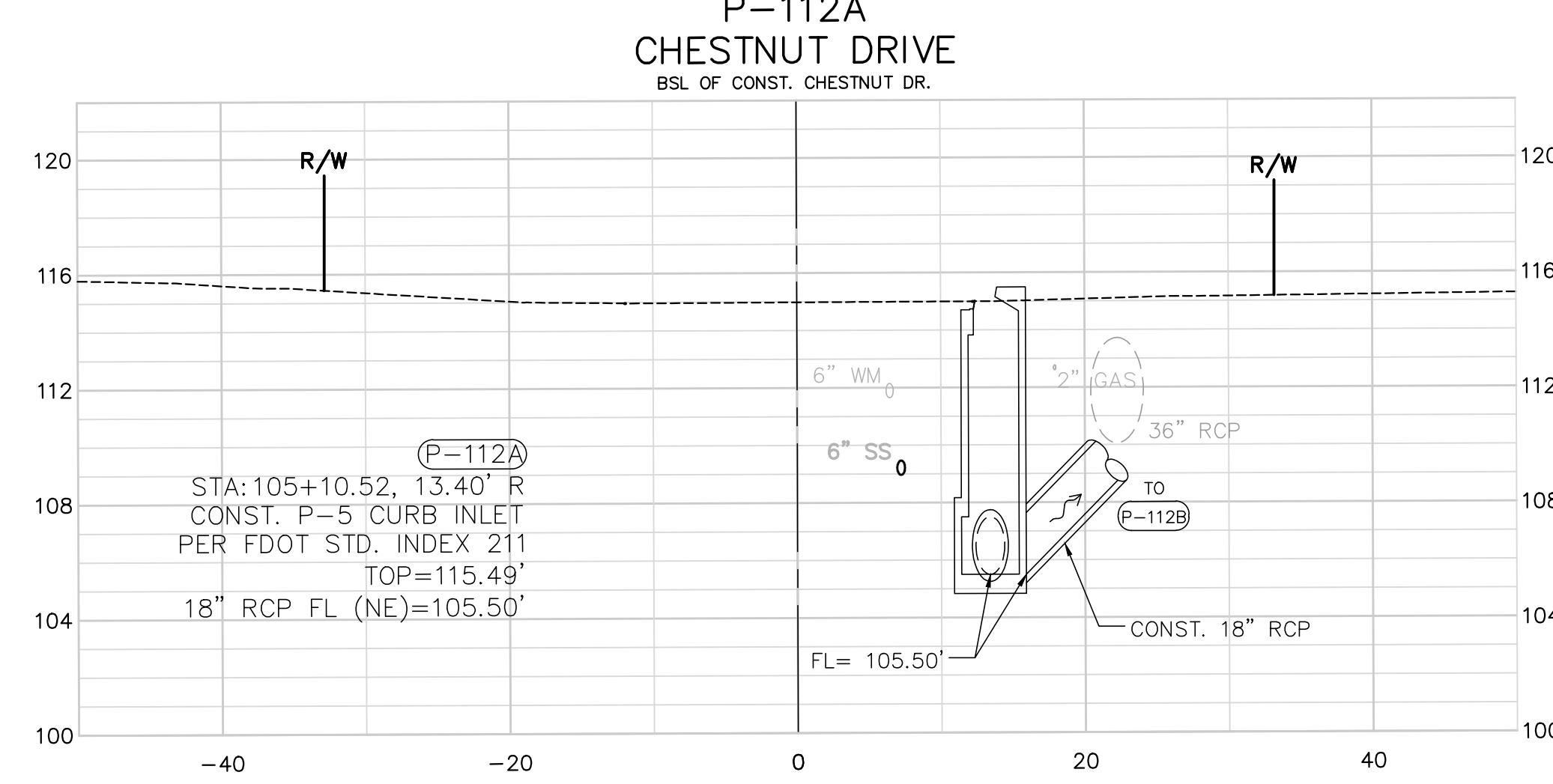
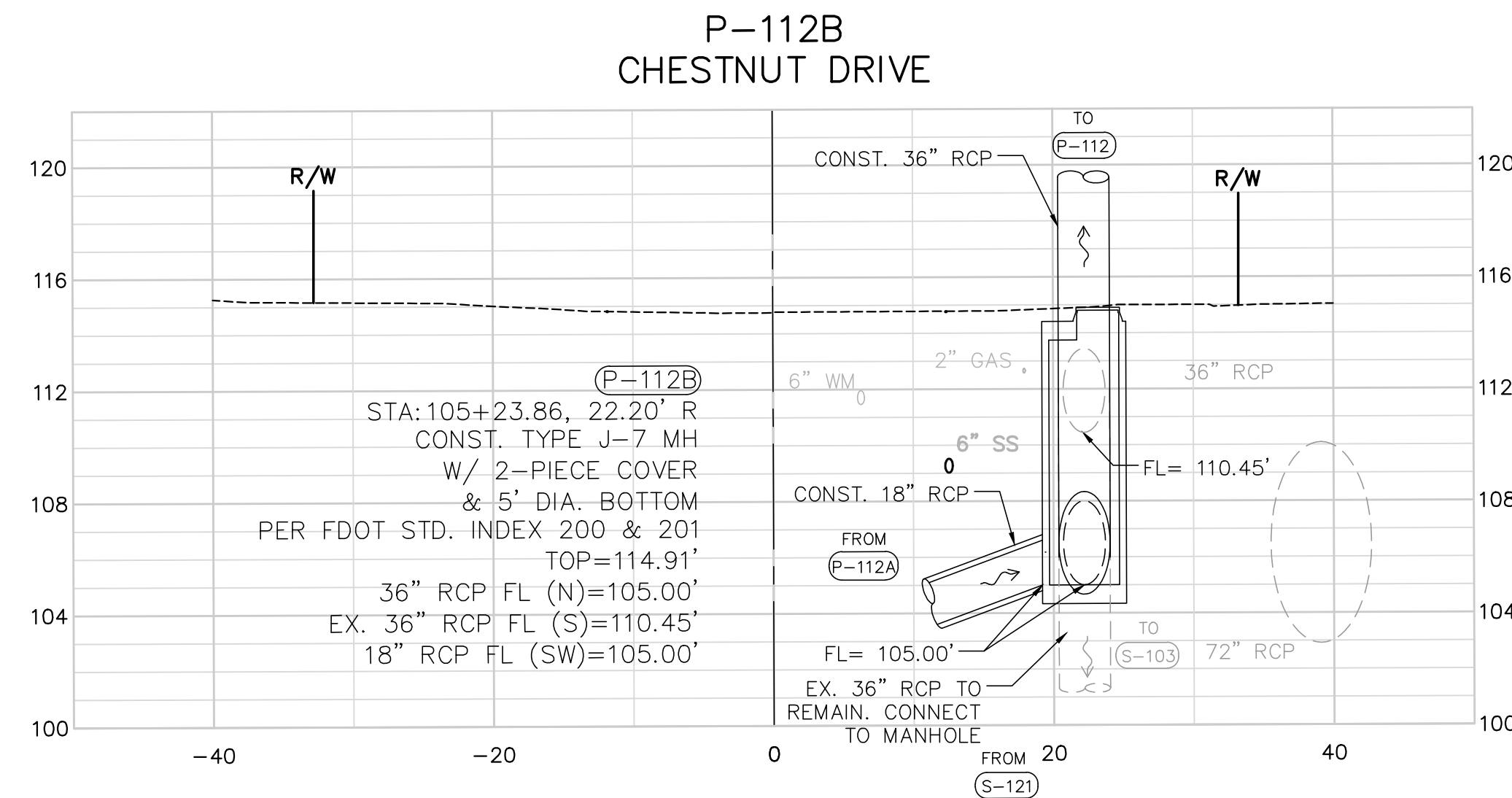
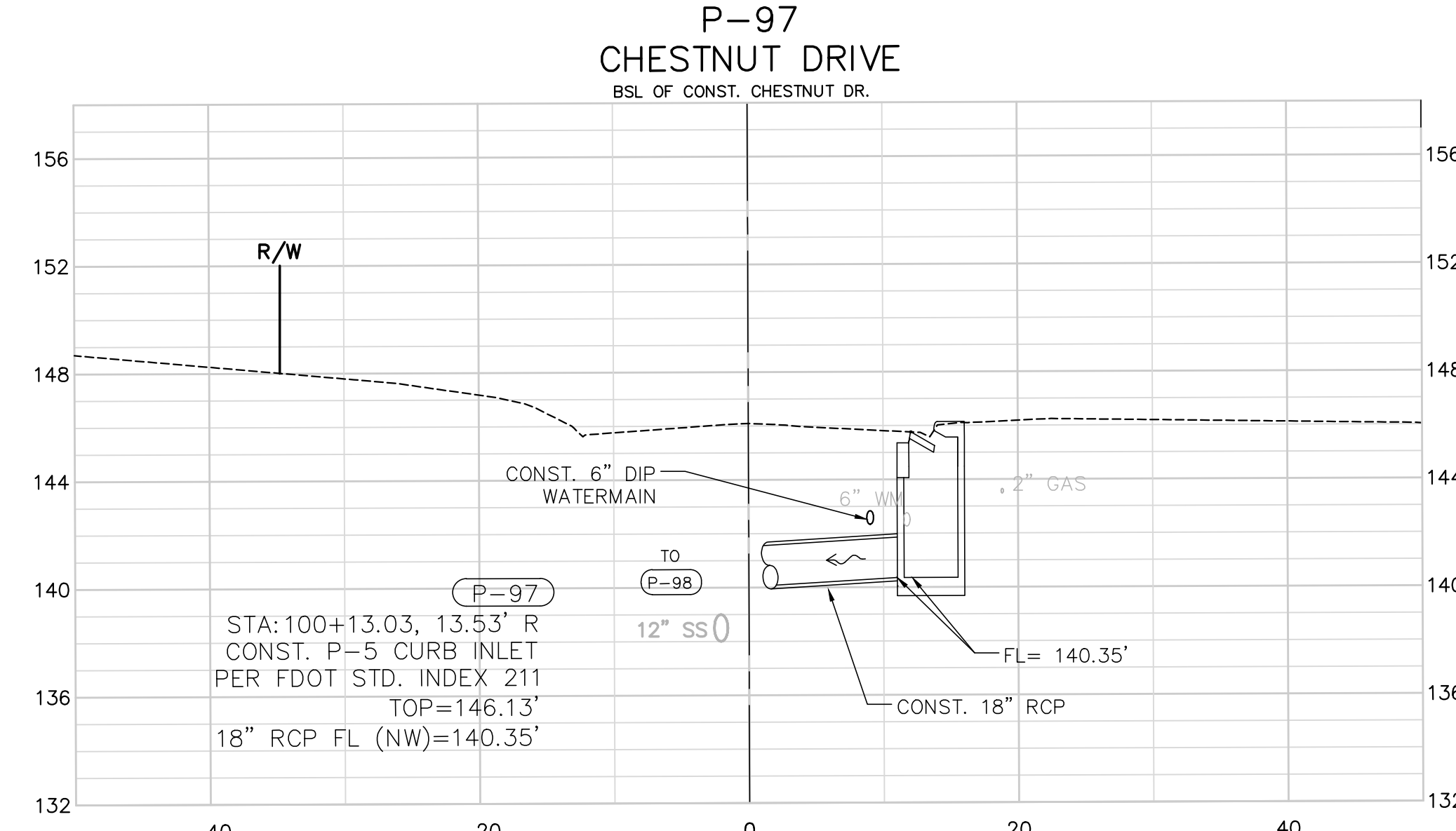
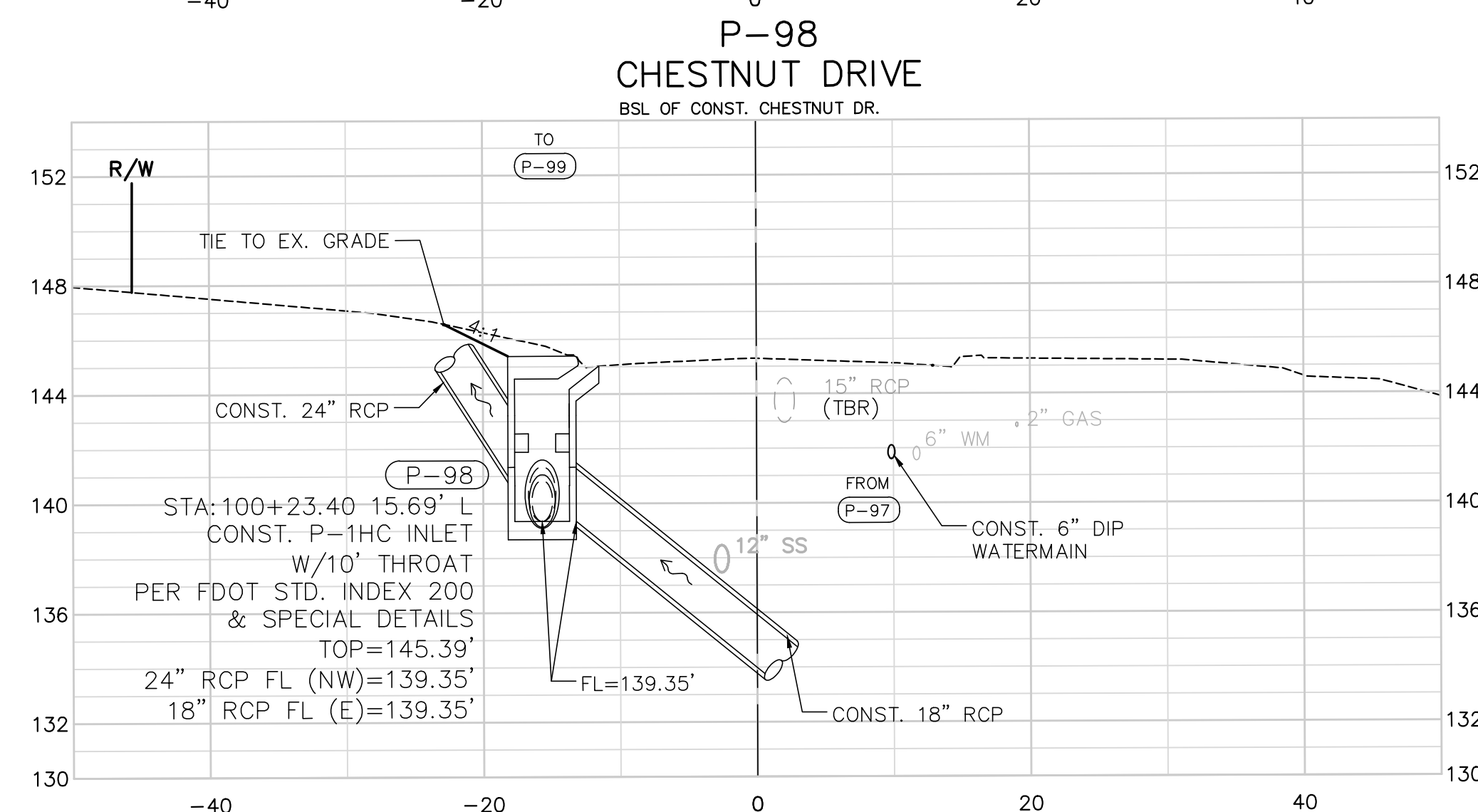
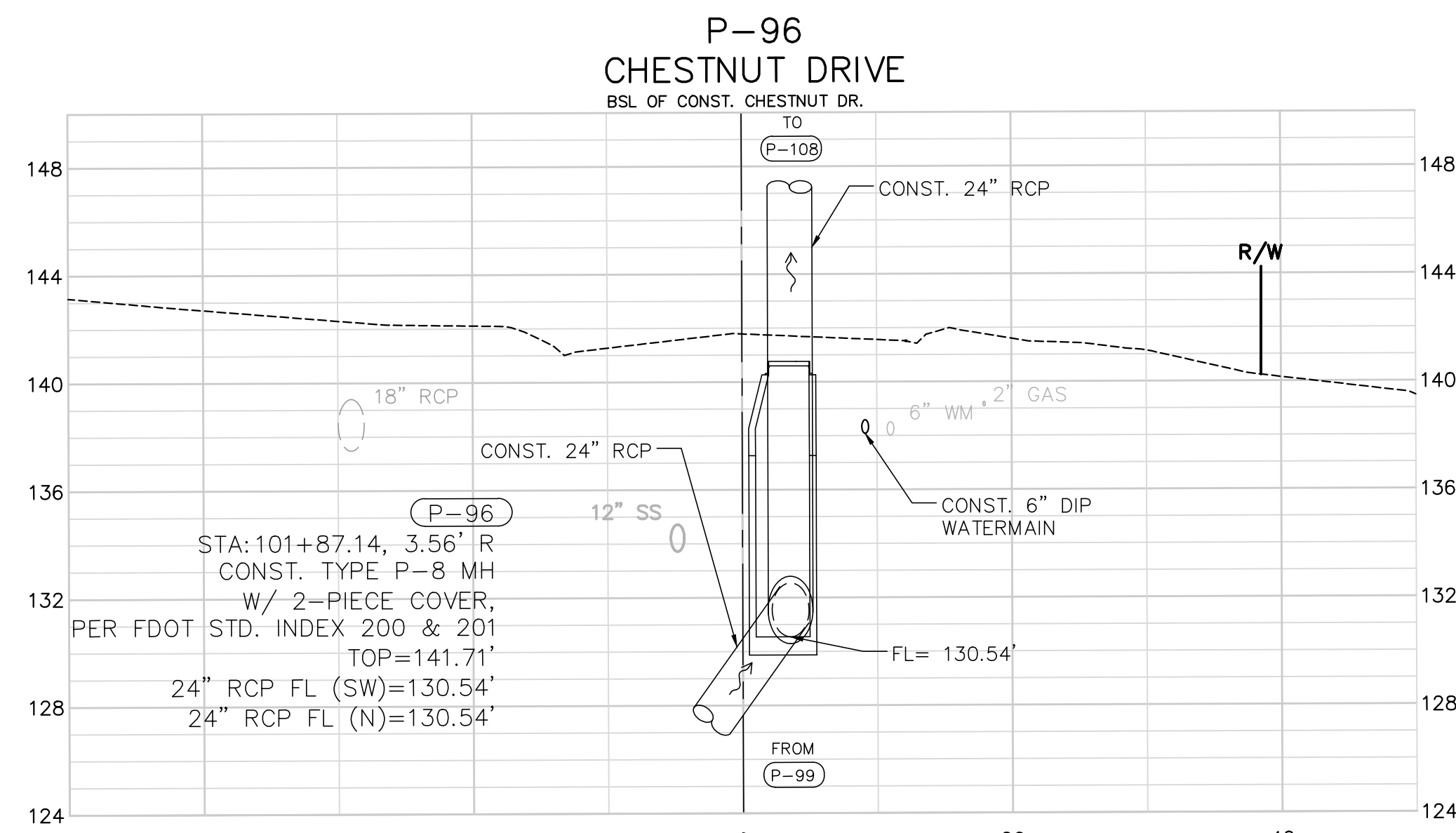
REVISIONS:

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ENGINEER OF RECORD
 ALAN W. ST. P. Inc.
 1590 Village Square Boulevard
 Tallahassee, FL 32309
 P.E. NO. 70831

Signature Date

Users: srt000
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NOTES:
 1. ALTHOUGH THE ELEVATIONS OF THE TOPS OF THE DRAINAGE STRUCTURES ARE BASED ON THE BEST AVAILABLE INFORMATION, THEY MAY NOT MATCH FIELD CONDITIONS. INLET TOPS SHOULD BE SET TO MATCH THE TOPS OF ADJACENT CURBS. MANHOLE TOPS SHOULD BE SET TO MATCH FINISHED GROUND OR PAVEMENT ELEVATIONS.
 2. WHEN CONSTRUCTING CURB INLETS, OR REPLACING EXISTING CURB AND GUTTER, THE NEW LIP OF CURB ELEVATION AND LOCATION SHALL MATCH EXISTING LIP OF CURB ELEVATION AND LOCATION UNLESS SHOWN OTHERWISE IN THE PLANS. PRIOR TO DEMOLITION OF EXISTING CURB AND GUTTER, THE CONTRACTOR SHALL SURVEY THE EXISTING CURB AND GUTTER AS NEEDED IN ORDER TO RE-ESTABLISH THE LIP OF CURB ELEVATION AND LOCATION.
 3. UNLESS OTHERWISE NOTED, EXISTING WATER AND GAS UTILITY MAINS ARE ASSUMED FROM STANDARD UTILITY PLACEMENT GUIDE.

HORIZ: 1"=10'
 VERT: 1"=5'

ENGINEER OF RECORD
 G. I. Pedersen, Inc.
 1590 Village Square Boulevard
 Tallahassee, FL 32309
 P.E. NO. 70831

ORIGINAL: MARCH 14, 2016
 REVISIONS:
 1
 2
 3
 4
 5

SHEET
DRAINAGE STRUCTURES

PROJECT
INGLEWOOD NEIGHBORHOOD STORMWATER IMPROVEMENTS

ENGINEERING AND CONSTRUCTION SERVICES
 G. I. Pedersen, Inc.
 TALLAHASSEE, FLORIDA 32309
 PHONE (904) 668-5211 • FAX (904) 668-5106
 PERMITS SECTION (904) 668-5211 • OPERATIONS SECTION (904) 668-5211
 LICENSED BUSINESS NO. 7429

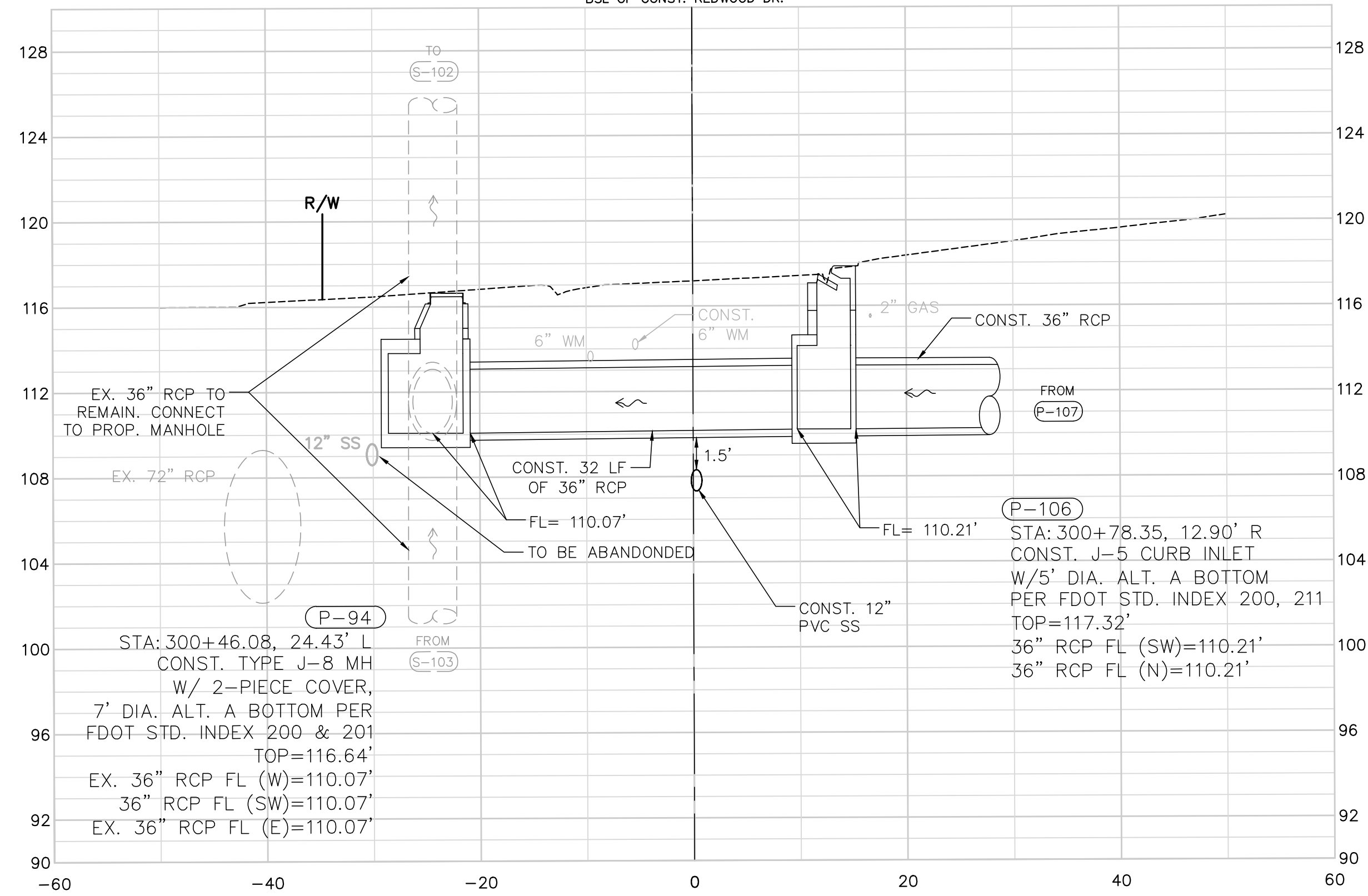
GREENMAN-PEDERSEN, INC.

JOB NO. 2011020.00
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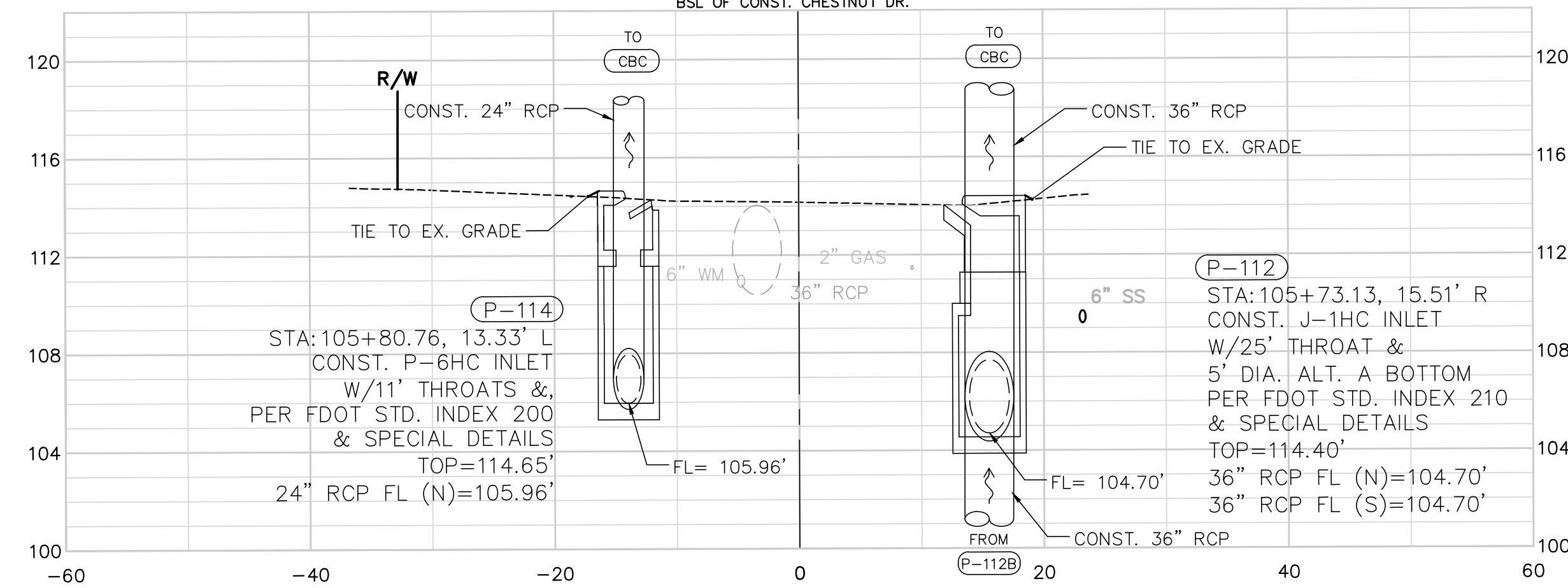
SHEET **14**

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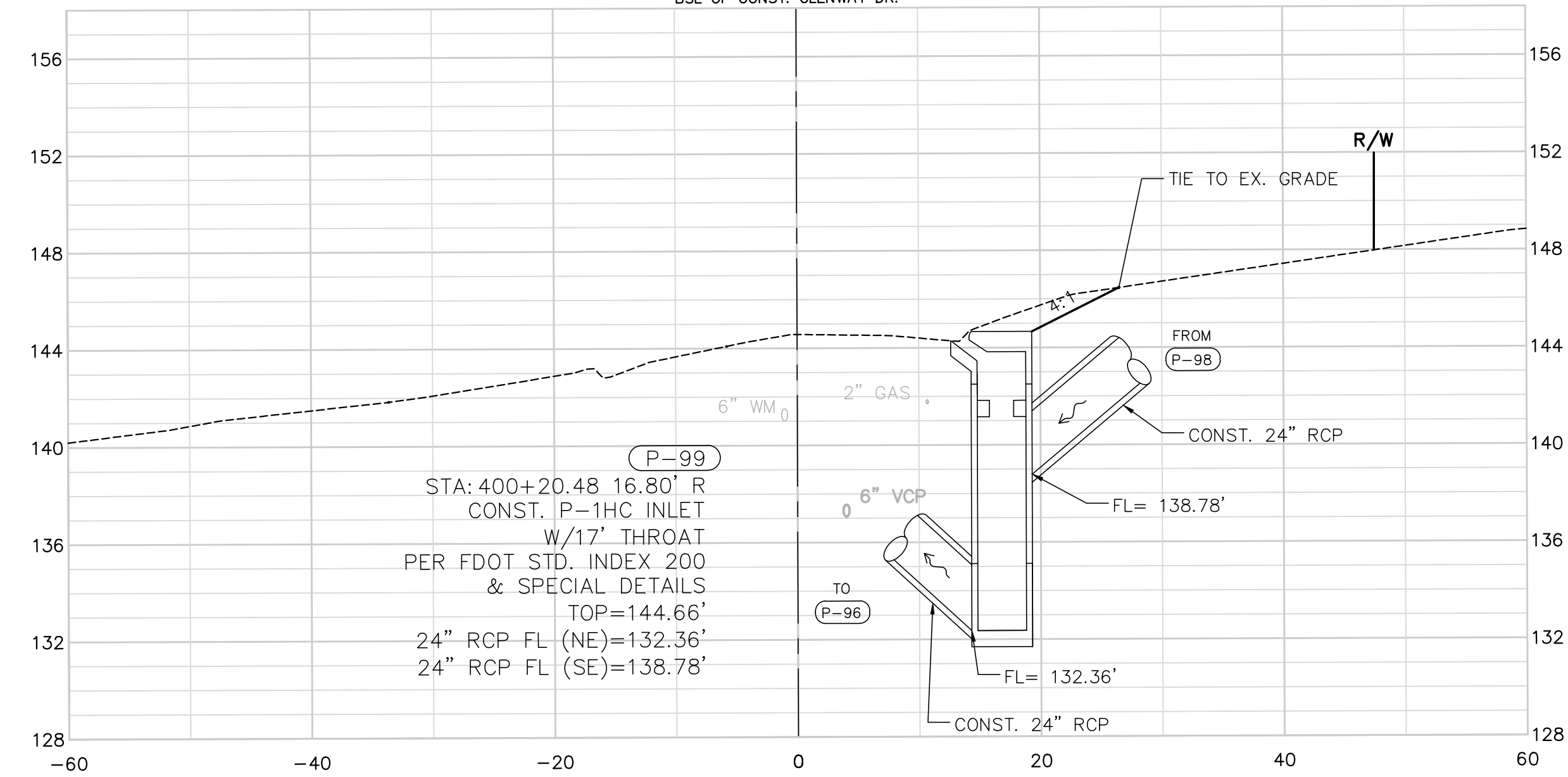
**P-94 & P-106
 CHESTNUT DRIVE**
 BSL OF CONST. REDWOOD DR.



**P-114 & P-112
 CHESTNUT DRIVE**
 BSL OF CONST. CHESTNUT DR.



**P-99
 GLENWAY DRIVE**
 BSL OF CONST. GLENWAY DR.



NOTES:

- ALTHOUGH THE ELEVATIONS OF THE TOPS OF THE DRAINAGE STRUCTURES ARE BASED ON THE BEST AVAILABLE INFORMATION, THEY MAY NOT MATCH FIELD CONDITIONS. INLET TOPS SHOULD BE SET TO MATCH THE TOPS OF ADJACENT CURBS. MANHOLE TOPS SHOULD BE SET TO MATCH FINISHED GROUND OR PAVEMENT ELEVATIONS.
- WHEN CONSTRUCTING CURB INLETS, OR REPLACING EXISTING CURB AND GUTTER, THE NEW LIP OF CURB ELEVATION AND LOCATION SHALL MATCH EXISTING LIP OF CURB ELEVATION AND LOCATION UNLESS SHOWN OTHERWISE IN THE PLANS. PRIOR TO DEMOLITION OF EXISTING CURB AND GUTTER, THE CONTRACTOR SHALL SURVEY THE EXISTING CURB AND GUTTER AS NEEDED IN ORDER TO RE-ESTABLISH THE LIP OF CURB ELEVATION AND LOCATION.
- UNLESS OTHERWISE NOTED, EXISTING WATER AND GAS UTILITY MAINS ARE ASSUMED FROM STANDARD UTILITY PLACEMENT GUIDE.

HORIZ: 1"=10'
 VERT: 1"=5'

ENGINEER OF RECORD
 ALAN D. ST. P. E.
 Civil Engineer
 1590 Village Square Boulevard
 Tallahassee, FL 32309
 P.E. NO. 70831

ORIGINAL MARCH 14, 2016

REVISIONS:	DATE	BY	DESCRIPTION
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SHEET
DRAINAGE STRUCTURES

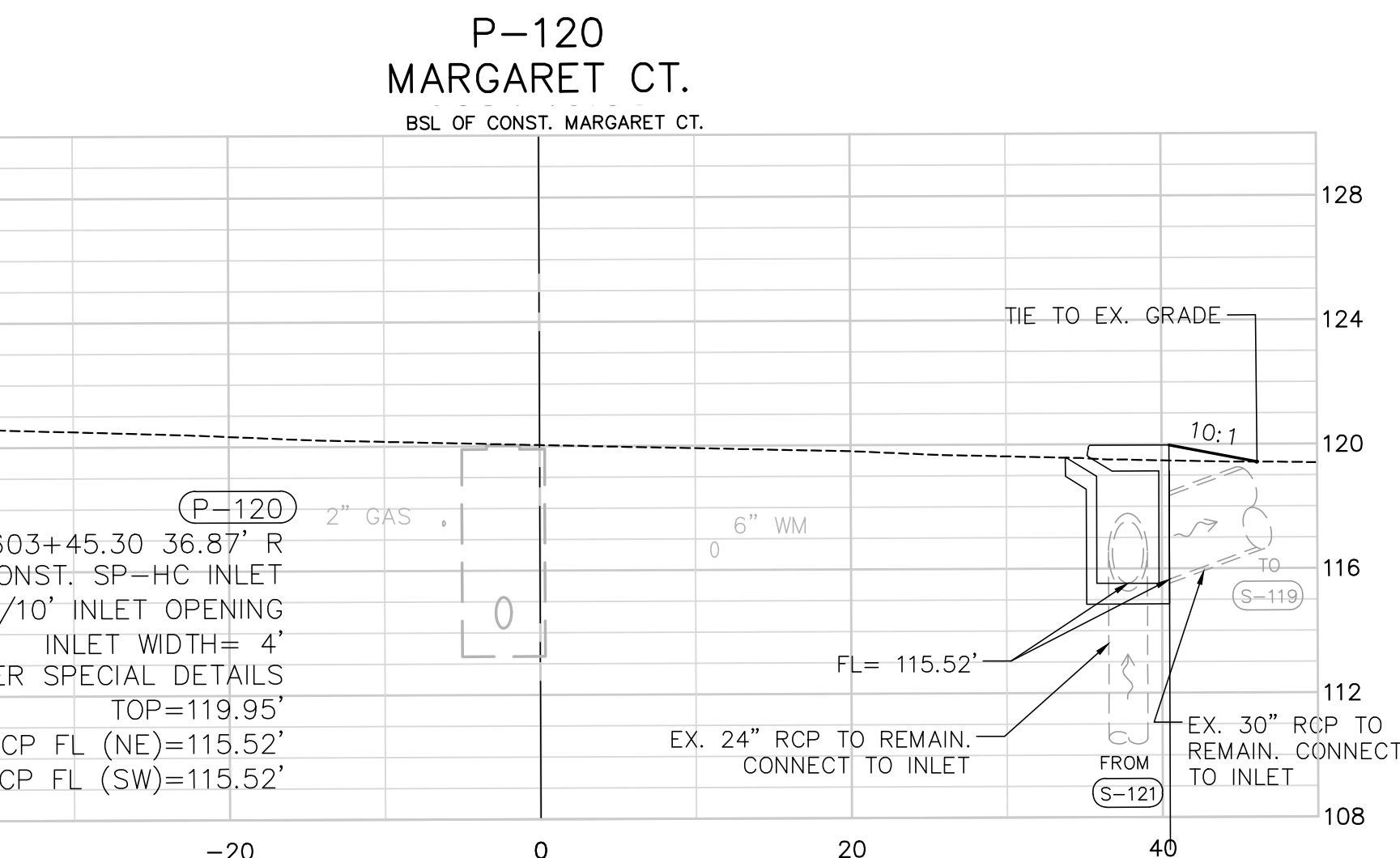
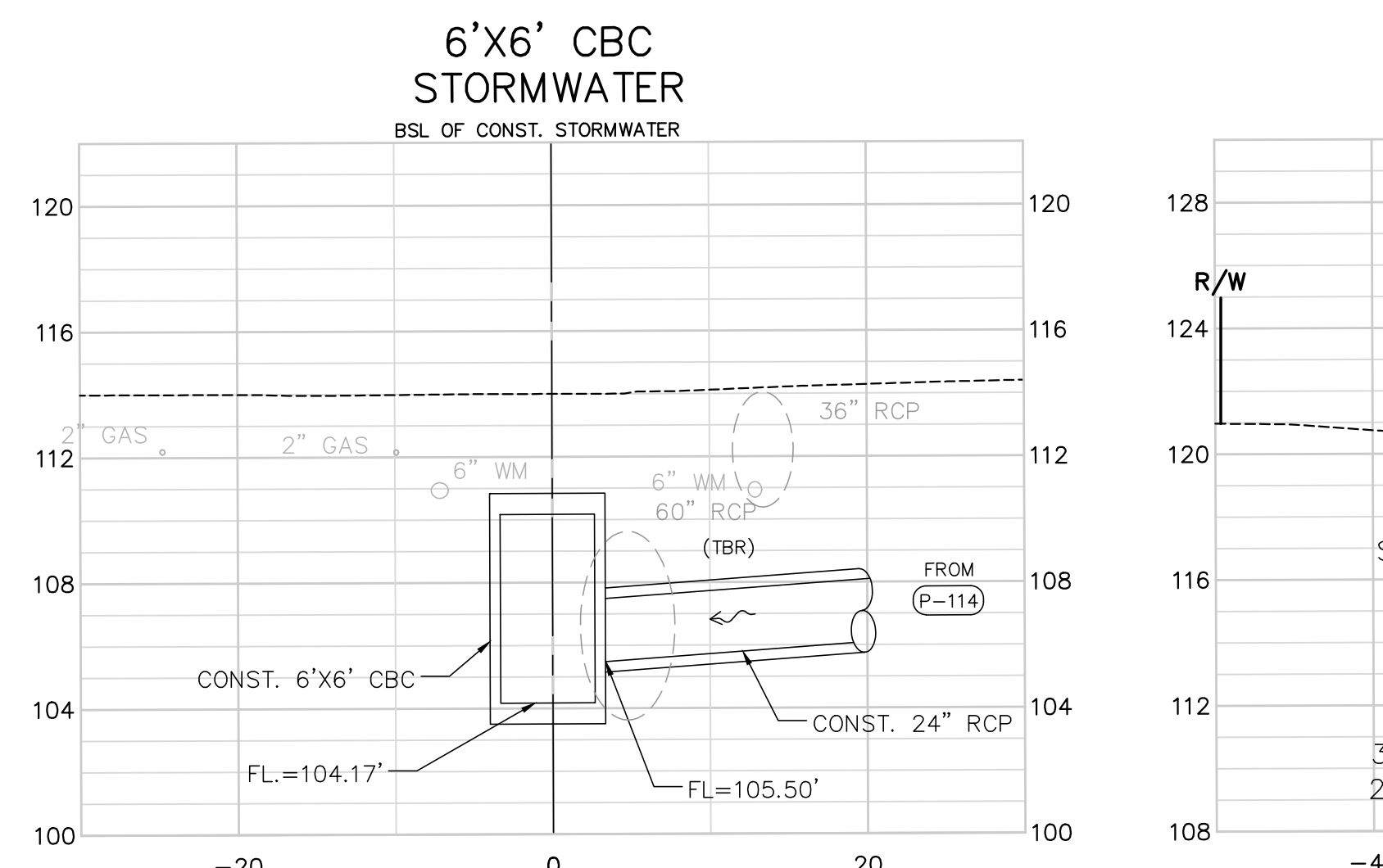
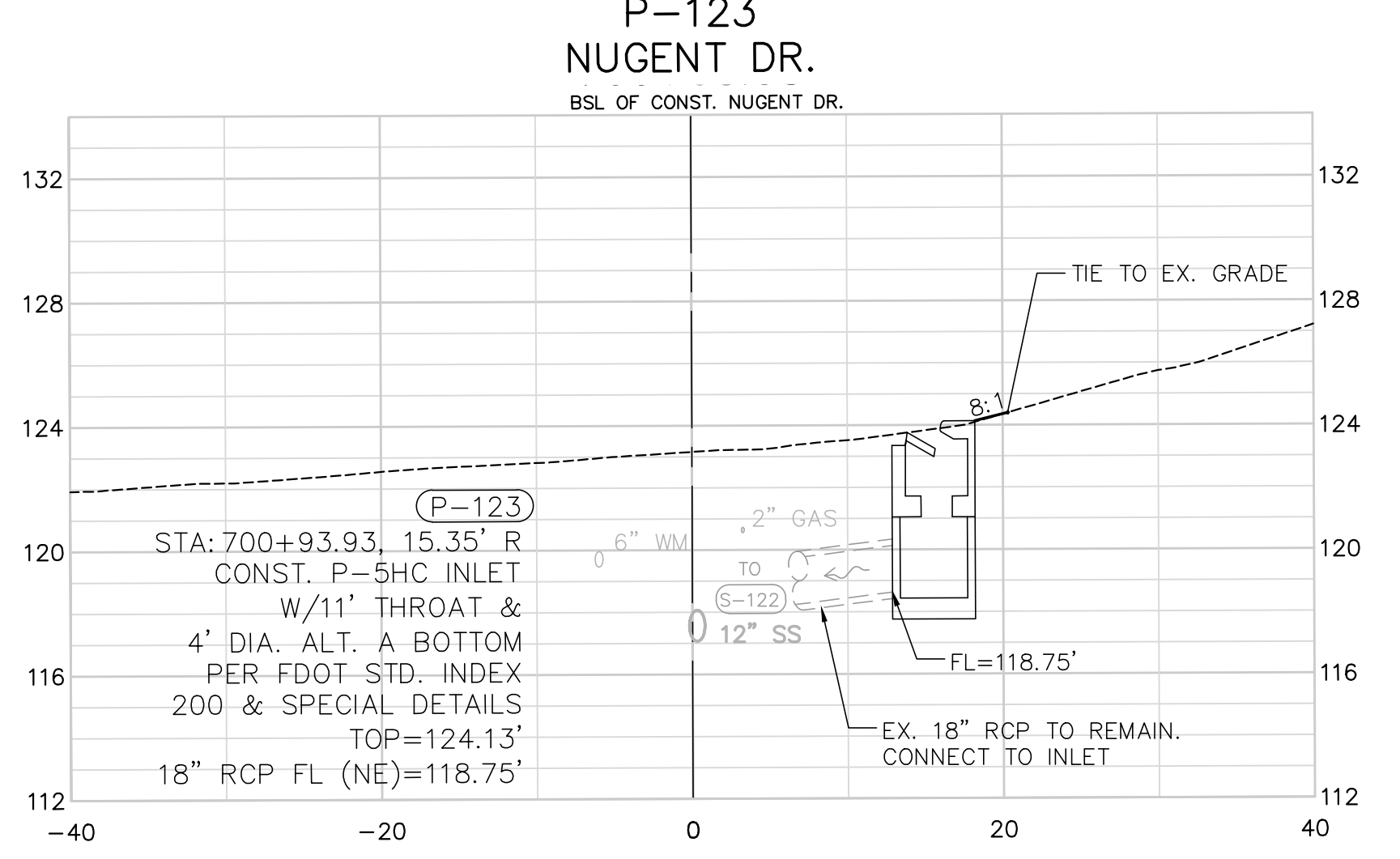
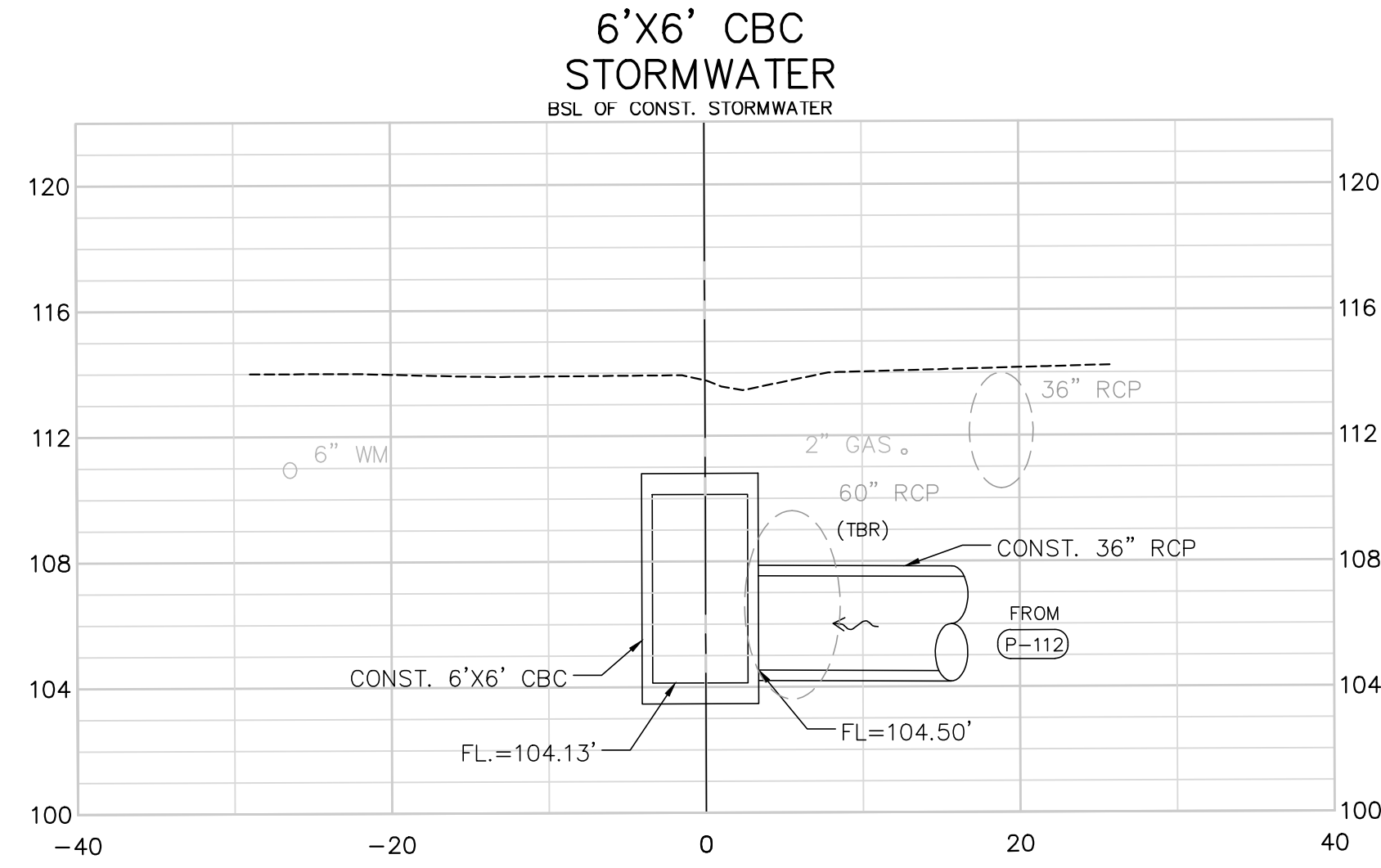
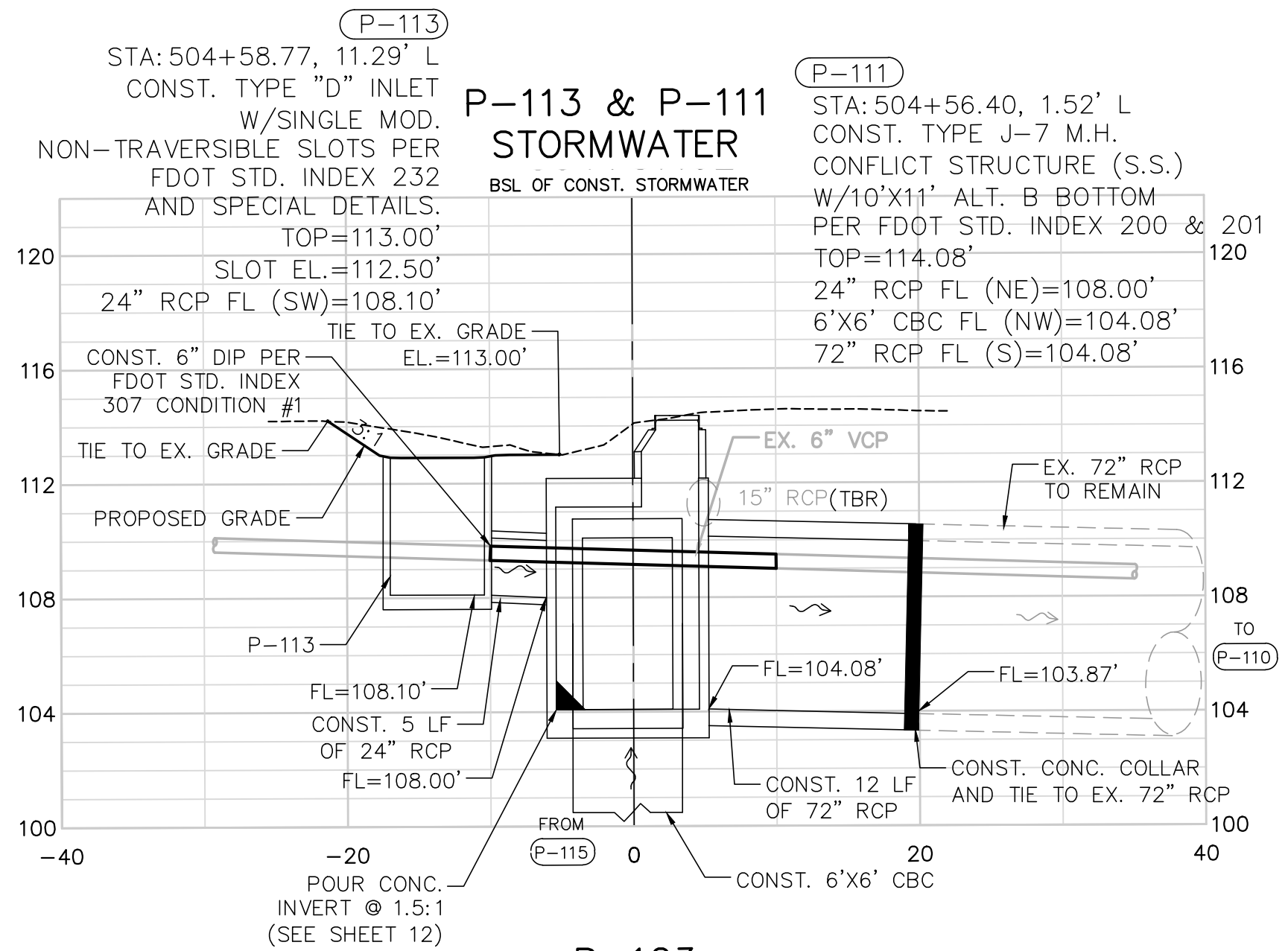
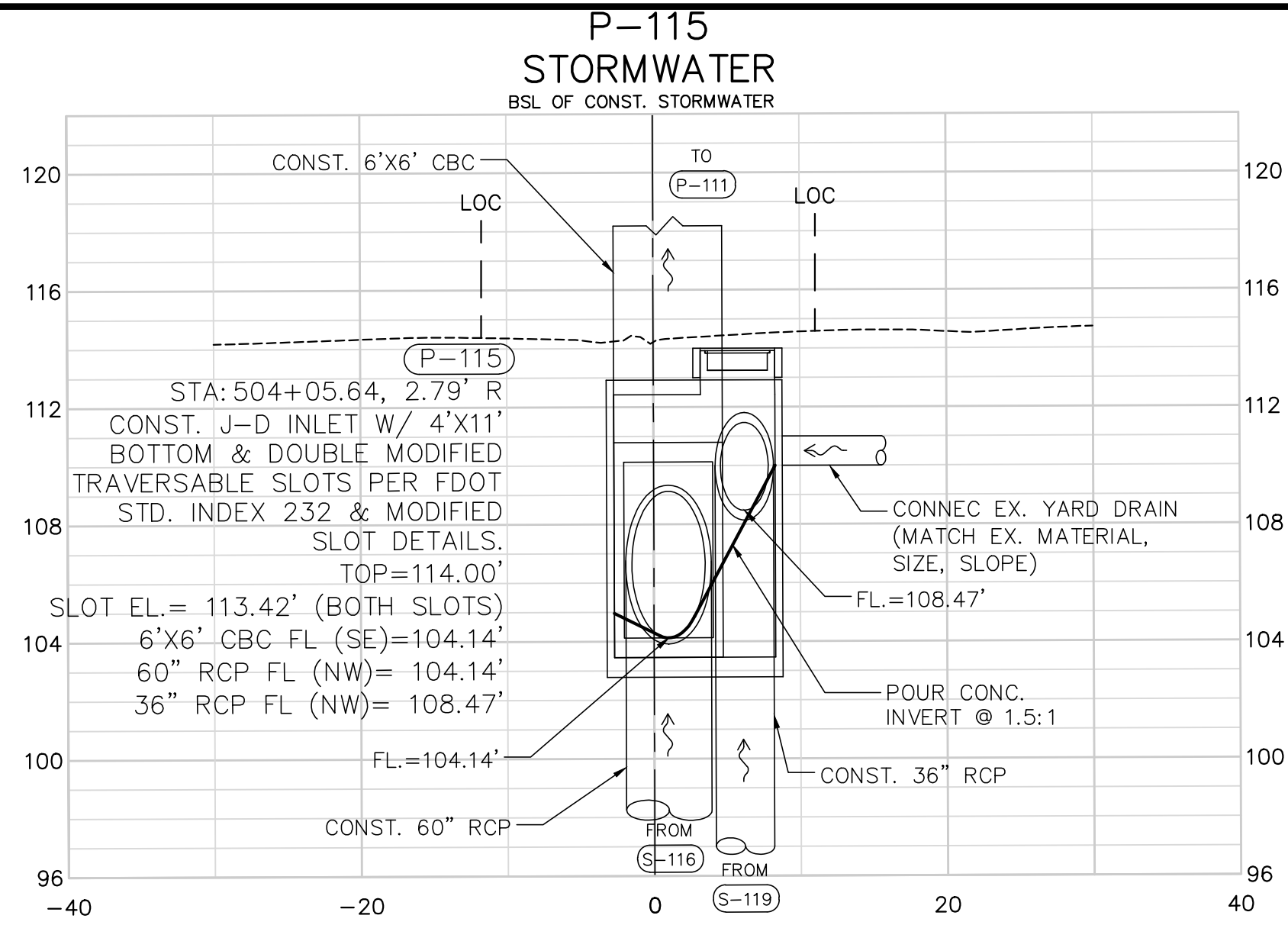
PROJECT
**INGLEWOOD
 NEIGHBORHOOD
 STORMWATER
 IMPROVEMENTS**

ENGINEERING AND CONSTRUCTION SERVICES
GPI
 Greenman-Pedersen, Inc.
 TALLAHASSEE, FLORIDA 32309
 PHONE (850) 668-5211 • FAX (850) 668-5106
 PERMITS SECTION (850) 668-5211 • OPERATION NO. 3498
 LICENSED BUSINESS NO. 7426

JOB NO. 2011020.00
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 QC AW

SHEET **15**

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- NOTES:**
- ALTHOUGH THE ELEVATIONS OF THE TOPS OF THE DRAINAGE STRUCTURES ARE BASED ON THE BEST AVAILABLE INFORMATION, THEY MAY NOT MATCH FIELD CONDITIONS. INLET TOPS SHOULD BE SET TO MATCH THE TOPS OF ADJACENT CURBS. MANHOLE TOPS SHOULD BE SET TO MATCH FINISHED GROUND OR PAVEMENT ELEVATIONS.
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 - UNLESS OTHERWISE NOTED, EXISTING WATER AND GAS UTILITY MAINS ARE ASSUMED FROM STANDARD UTILITY PLACEMENT GUIDE.

HORIZ: 1"=10'
 VERT: 1"=5'

ENGINEER OF RECORD
 MAJID S. P. P.
 Civil Engineer
 1590 Village Square Boulevard
 Tallahassee, FL 32309
 P.E. NO. 70831

ORIGINAL MARCH 14, 2016

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SHEET **DRAINAGE STRUCTURES**

PROJECT **INGLEWOOD NEIGHBORHOOD STORMWATER IMPROVEMENTS**

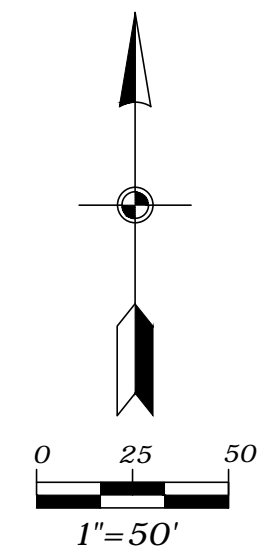
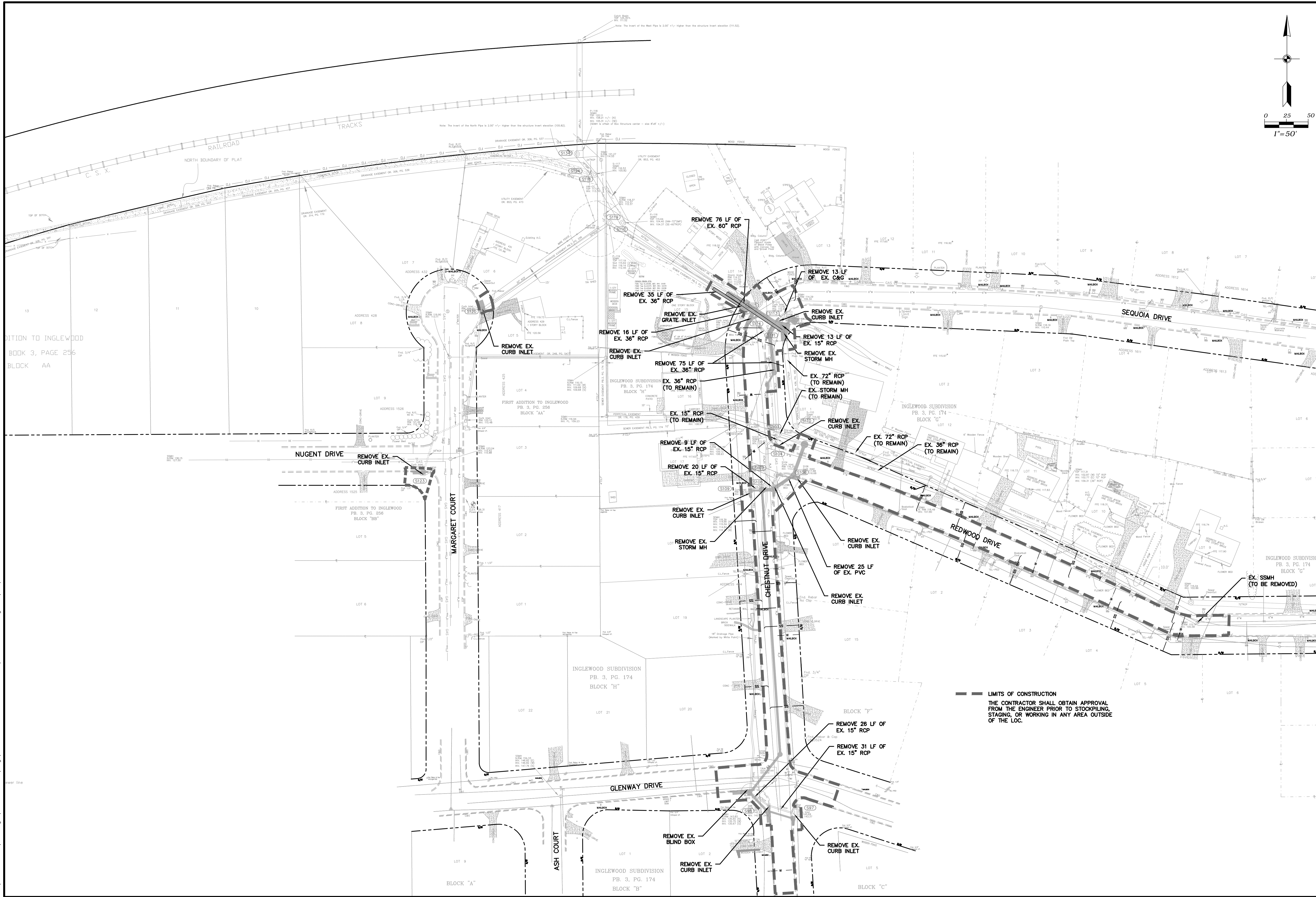
ENGINEERING AND CONSTRUCTION SERVICES
 GREENMAN-PEDERSEN, INC.
 TALLAHASSEE, FLORIDA 32309
 PHONE (850) 668-5211 • FAX (850) 668-5106
 PERMITS SECTION (850) 668-5211 • EXTENSION NO. 3498
 LICENSED BUSINESS NO. 7428

GREENMAN-PEDERSEN, INC.

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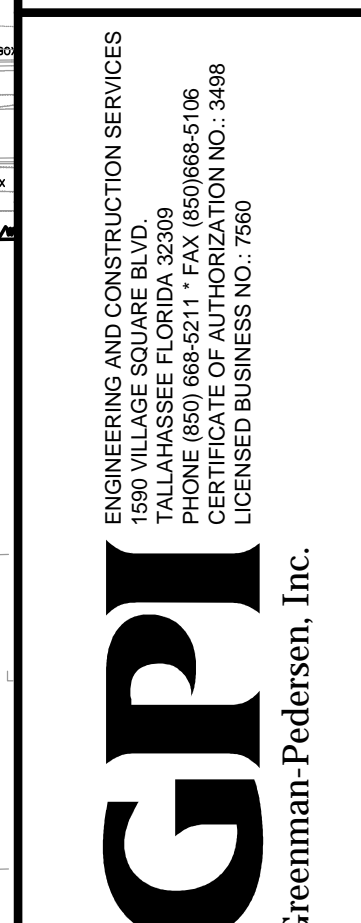
ENGINEER OF RECORD
ALAN R. PETERSEN, P.E.
Greenman-Pedersen, Inc.
1500 Village Square Boulevard
Tallahassee, FL 32309
P.E. NO. 70831

ORIGINAL: MARCH 14, 2016

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SHEET
INGLEWOOD NEIGHBORHOOD STORMWATER IMPROVEMENTS
STORMWATER DEMOLITION PLAN

PROJECT
ENGINEERING AND CONSTRUCTION SERVICES
TALLAHASSEE, FLORIDA 32309
PHONE (850) 668-5211 • FAX (850) 668-5106
WWW.GREENMAN-PEDERSEN.COM • CORPORATION NO.: 3496
LICENSED BUSINESS NO.: 7293



JOB NO. 2011020.00
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QC AW
SHEET **17**

1. SITE DESCRIPTION

- CONSTRUCTION ACTIVITY:**
A. PROJECT LIMITS:
 APPROXIMATE LIMITS OF CONSTRUCTION AS SHOWN ON PLAN
- B. PROJECT DESCRIPTION:**
 CLEARING & GRUBBING, GRADING, PAVEMENT AND CURB & GUTTER REPLACEMENT, ASSOCIATED WITH DRAINAGE IMPROVEMENTS TO THE INGLEWOOD NEIGHBORHOOD STORMWATER IMPROVEMENTS
- C. MAJOR SOIL DISTURBING ACTIVITIES:**
 CLEARING & GRUBBING, DRAINAGE CONVEYANCE RETROFIT, AND
- D. TOTAL PROJECT AREA:**
 ±0.91 ACRES
- E. TOTAL AREA TO BE DISTURBED:**
 ±0.91 ACRES
- F. (1) RUNOFF COEFFICIENTS:**
 (BEFORE) C= 0.80, (DURING) C=0.85, (AFTER) C= 0.80
- (2) DESCRIPTION OF SOIL OR QUALITY OF DISCHARGE:**
 SANDY CLAY LOAM SOILS
- (3) ESTIMATES OF SIZE OF DRAINAGE AREA FOR EACH OUTFALL:**
 SEE DRAINAGE PLAN
- G. FOR LOCATIONS OF DRAINAGE AREAS AND OUTFALLS:**
 SEE DRAINAGE PLAN
- H. (1) NAME OF RECEIVING WATERS:**
 PARK AVENUE DRAINAGE DITCH, LAKE LAFAYETTE
- (2) WETLAND AREA:**
 N/A

2. CONTROLS

THE SOIL DISTURBING ACTIVITIES FOR THIS PROJECT ARE AS FOLLOWS: ONLY UPON PROPER PLACEMENT OF ALL EROSION CONTROLS CAN SOIL DISTURBING ACTIVITIES TAKE PLACE. SILT FENCES OR EQUIVALENT SEDIMENT CONTROLS ARE REQUIRED FOR ALL SIDE-SLOPE AND DOWN-SLOPE BOUNDARIES OF THE CONSTRUCTION.

SEDIMENT CONTROLS SHALL BE USED TO PREVENT DOWN STREAM SEDIMENTATION FROM PROPOSED INLETS AND DITCH CONSTRUCTION AREAS.

- A. EROSION AND SEDIMENT CONTROLS:**
- (1) STABILIZATION PRACTICES:**
- TEMPORARY SODDING
 - TEMPORARY SEEDING
 - PERMANENT PLANTING, SODDING, OR SEEDING
 - TEMPORARY MULCHING
 - ARTIFICIAL COVERING
 - BUFFER ZONES
 - PRESERVATION OF NATURAL RESOURCES
- OTHER:
- (2) STRUCTURAL PRACTICES:**
- SAND BAGGING
 - SILT FENCES
 - HAY BALES
 - BERMS
 - DIVERSION, INTERCEPTOR, OR PERIMETER DITCHES
 - PIPE SLOPE DRAINS
 - FLUMES
 - ROCK BEDDING AT CONSTRUCTION EXIT
 - TIMBER BEDDING AT CONSTRUCTION EXIT
 - DITCH LINER
 - SEDIMENT TRAPS
 - SEDIMENT BASINS
 - STORM INLET SEDIMENT TRAP
 - STONE OUTLET STRUCTURES
 - CURBS AND GUTTERS
 - STORM SEWERS
 - VELOCITY CONTROL DEVICES
 - TURBIDITY BARRIER
 - RIP RAP
- OTHER:
- B. DESCRIPTION OF STORMWATER MANAGEMENT:**
 DURING SITE CONSTRUCTION, STORMWATER RUNOFF WILL BE DIRECTED TOWARDS THE EXISTING STORMWATER INLETS.
- C. OTHER CONTROLS:**
- (1) WASTE DISPOSAL:**
 NO CONSTRUCTION WASTE MATERIAL WILL BE BURIED ON SITE.
- (2) OFFSITE VEHICLE TRACKING:**
- HAUL ROADS DAMPENED FOR DUST CONTROL
 - LOADED HAUL TRUCKS TO BE COVERED WITH TARPAULIN
 - EXCESS DIRT ON ROAD REMOVED DAILY
 - STABILIZED CONSTRUCTION ENTRANCE
- OTHER:
- (3) SANITARY WASTE:**
 ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS AS NECESSARY OR AS REQUIRED BY LOCAL REGULATIONS BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR.
- (4) FERTILIZERS AND PESTICIDES:**
 FERTILIZERS AND/OR PESTICIDES SHALL BE APPLIED ACCORDING TO MANUFACTURERS RECOMMENDATIONS BY A LICENSED OR CERTIFIED APPLICATOR AS DIRECTED BY THE PROJECT ENGINEER.
- (5) NON-STORM WATER DISCHARGE (INCLUDING SPILL REPORTING):**
 NO NON-STORMWATER DISCHARGES ARE ANTICIPATED.
- REMARKS:
 IF CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED A HAZARDOUS MATERIALS COORDINATOR SHALL BE CONTACTED.
- (6) APPROVED STATE, LOCAL PLANS, OR STORM WATER PERMITS:**
 N/A

3. MAINTENANCE:

- (1) ALL OF THE CONTROLS SHALL BE MAINTAINED AT ALL TIMES. IF A REPAIR IS NECESSARY, IT WILL BE DONE AT THE EARLIEST DATE POSSIBLE, BUT NO LATER THAN (7) CALENDAR DAYS AFTER THE SURROUNDING EXPOSED AREA HAS DRIED SUFFICIENTLY TO PREVENT FURTHER DAMAGE FROM HEAVY EQUIPMENT.
- (2) CONSTRUCTION EQUIPMENT AND MATERIALS SHALL BE STORED WITHIN THE LIMITS OF CONSTRUCTION AND SHALL NOT INFRINGE ON THE CRITICAL PROTECTION ZONE OF EXISTING TREES OR LANDSCAPING.

4. INSPECTION:

ALL CONTROLS SHALL BE INSPECTED WEEKLY BY A QUALIFIED INSPECTOR, AS WELL AS, AFTER 0.5" OR MORE OF RAIN. AN INSPECTION AND MAINTENANCE REPORT IS TO BE MADE PER EACH INSPECTION. BASED ON INSPECTION RESULTS THE CONTROLS ARE TO BE REVISED AS NECESSARY PER THE INSPECTION REPORTS.

5. NON-STORMWATER DISCHARGE:

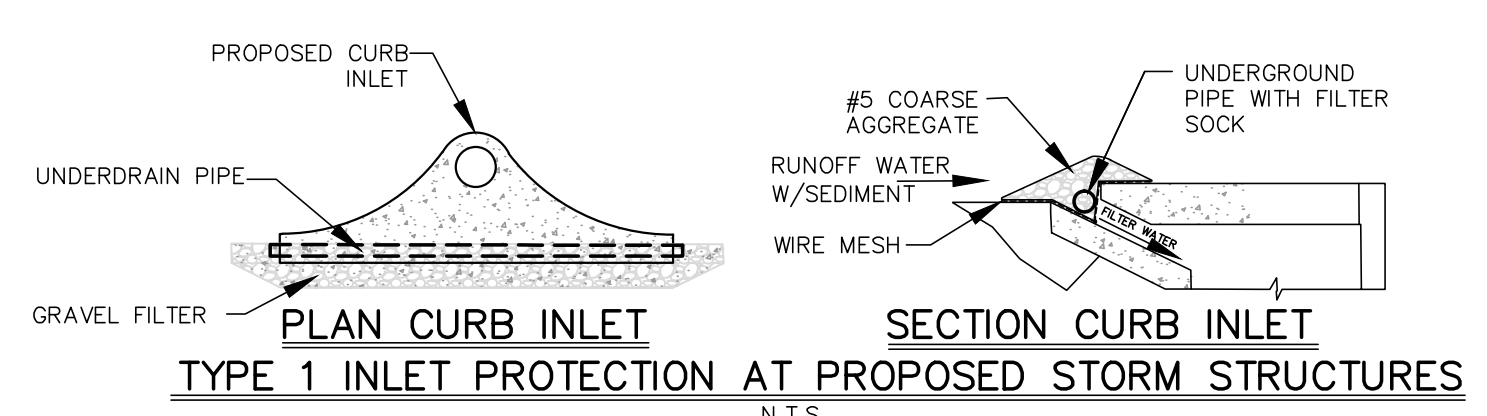
THE CONTRACTOR SHALL RETAIN COPIES STORMWATER POLLUTION PREVENTION PLAN AND ALL REPORTS REQUIRED BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM NOTICE OF INTENT (OR EXEMPTION, IF APPLICABLE), AND RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT, FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE THAT THE SITE IS FINALLY STABILIZED.

6. CONTRACTOR/SUBCONTRACTOR CERTIFICATION:

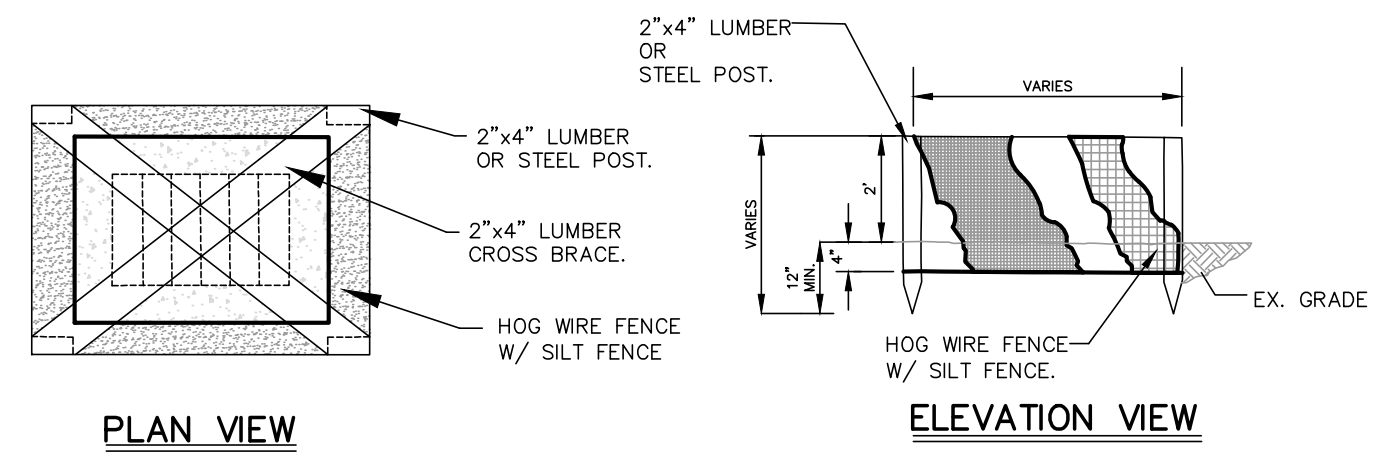
I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND, AND SHALL COMPLY WITH THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN PREPARED THEREUNDER.

CONTRACTOR _____ TITLE _____
 SIGNATURE _____ DATE _____

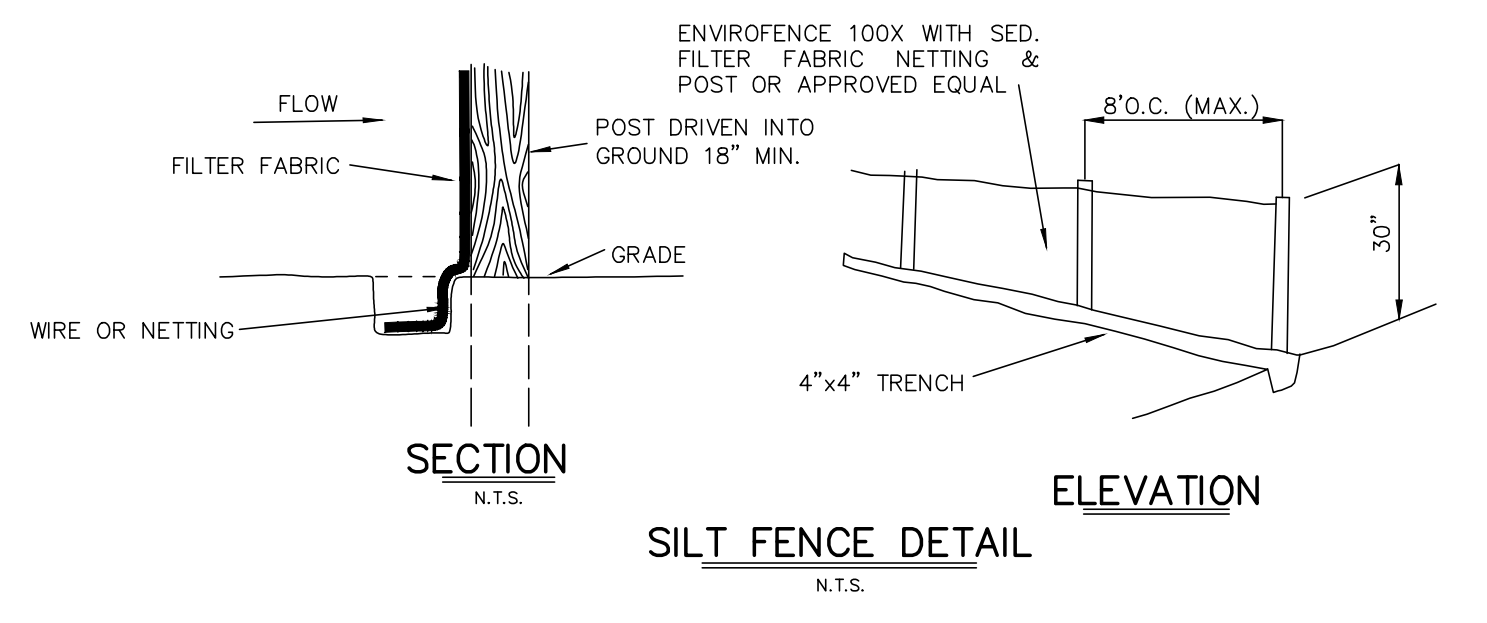
SWPP CONSTRUCTION DETAILS



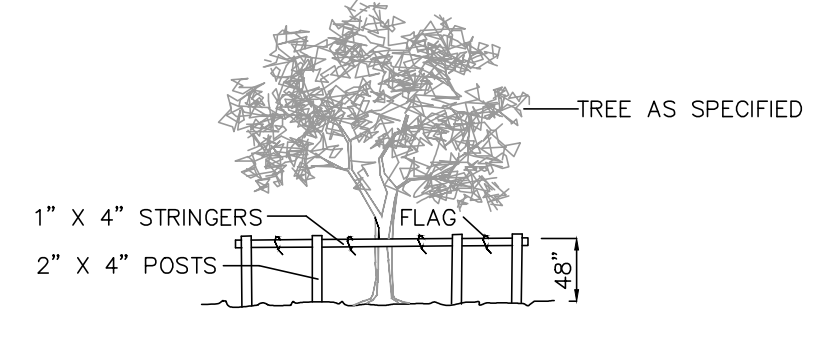
N.T.S.
 THIS PROTECTION SHALL BE MAINTAINED AROUND EACH INLET UNTIL ALL SURROUNDING AREAS DRAINING TO SAID INLET HAVE BEEN STABILIZED.



TYPE 2 PROTECTION AROUND INLETS OR SIMILAR STRUCTURES
 N.T.S.



SILT FENCE DETAIL
 N.T.S.



TREE PROTECTION DETAIL
 N.T.S.

- NOTES:
 1. LOCATE BARRICADE AT THE PERIMETER OF THE CPZ OR TO ACCOMMODATE THE GREATER EXPANSE OF THE AREA OUT OF THE CPZ AS POSSIBLE.
 2. AREA WITHIN BARRICADE IS NOT TO BE USED FOR STORAGE OF MATERIAL OR EQUIPMENT.

ENGINEER OF RECORD
 ALVIN W. ST. P. Inc.
 1590 Village Square Boulevard
 Tallahassee, FL 32309
 P.E. NO. 70881

ORIGINAL _____ MARCH 14, 2016 _____

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SHEET
STORMWATER POLLUTION PREVENTION PLAN

PROJECT
INGLEWOOD NEIGHBORHOOD STORMWATER IMPROVEMENTS

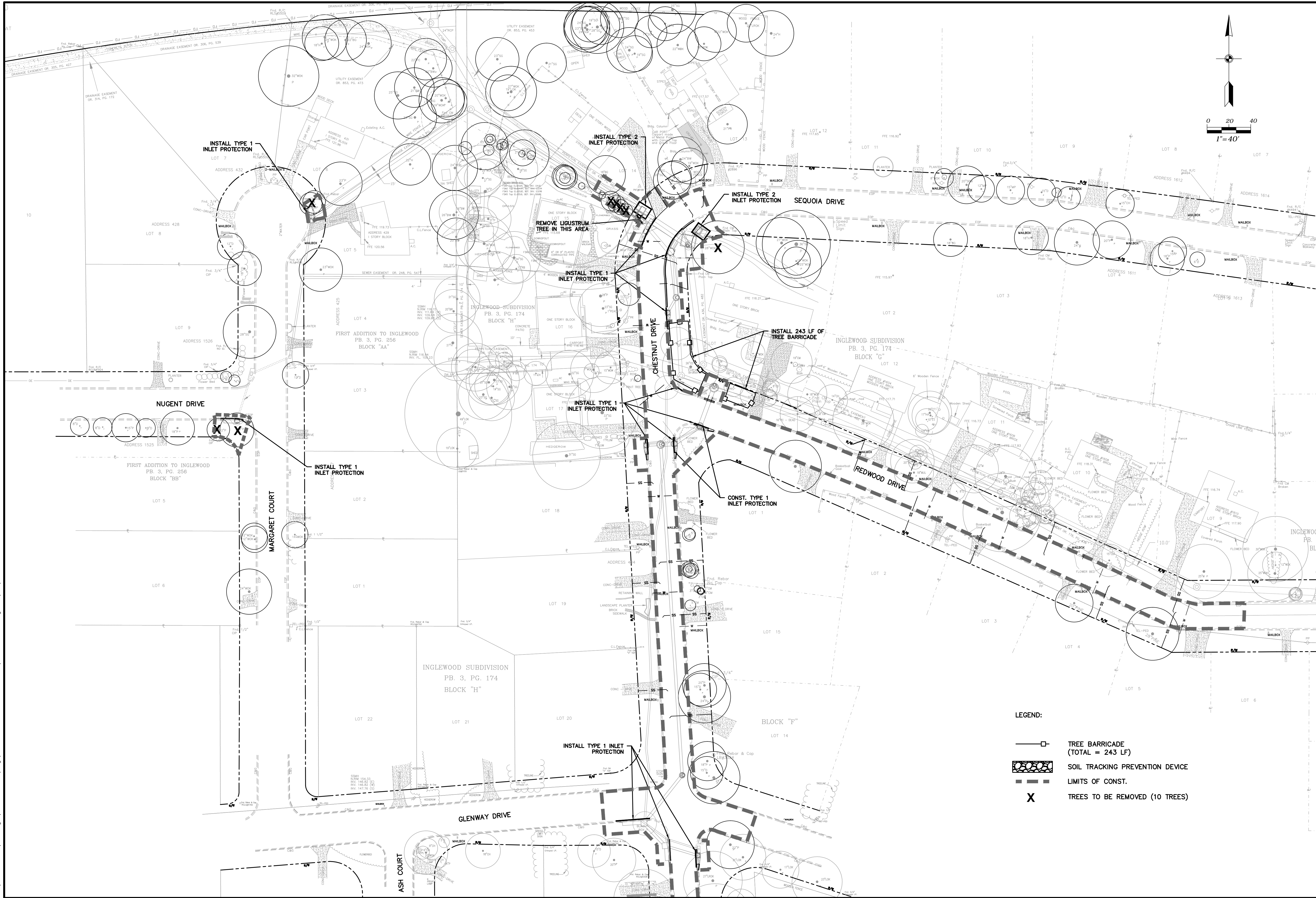
ENGINEERING AND CONSTRUCTION SERVICES
 TALLAHASSEE FLORIDA 32309
 PHONE (850) 668-5211 • FAX (850) 668-5106
 LICENSED PROFESSIONAL ENGINEER (FLORIDA LICENSE NO.: 3496)
 LICENSED BUSINESS NO.: 7292

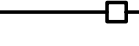





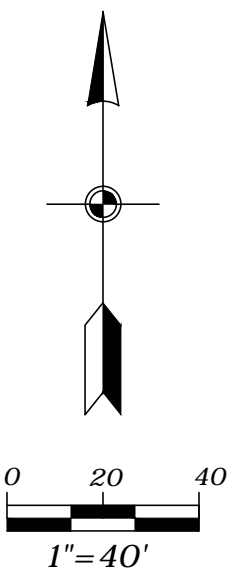
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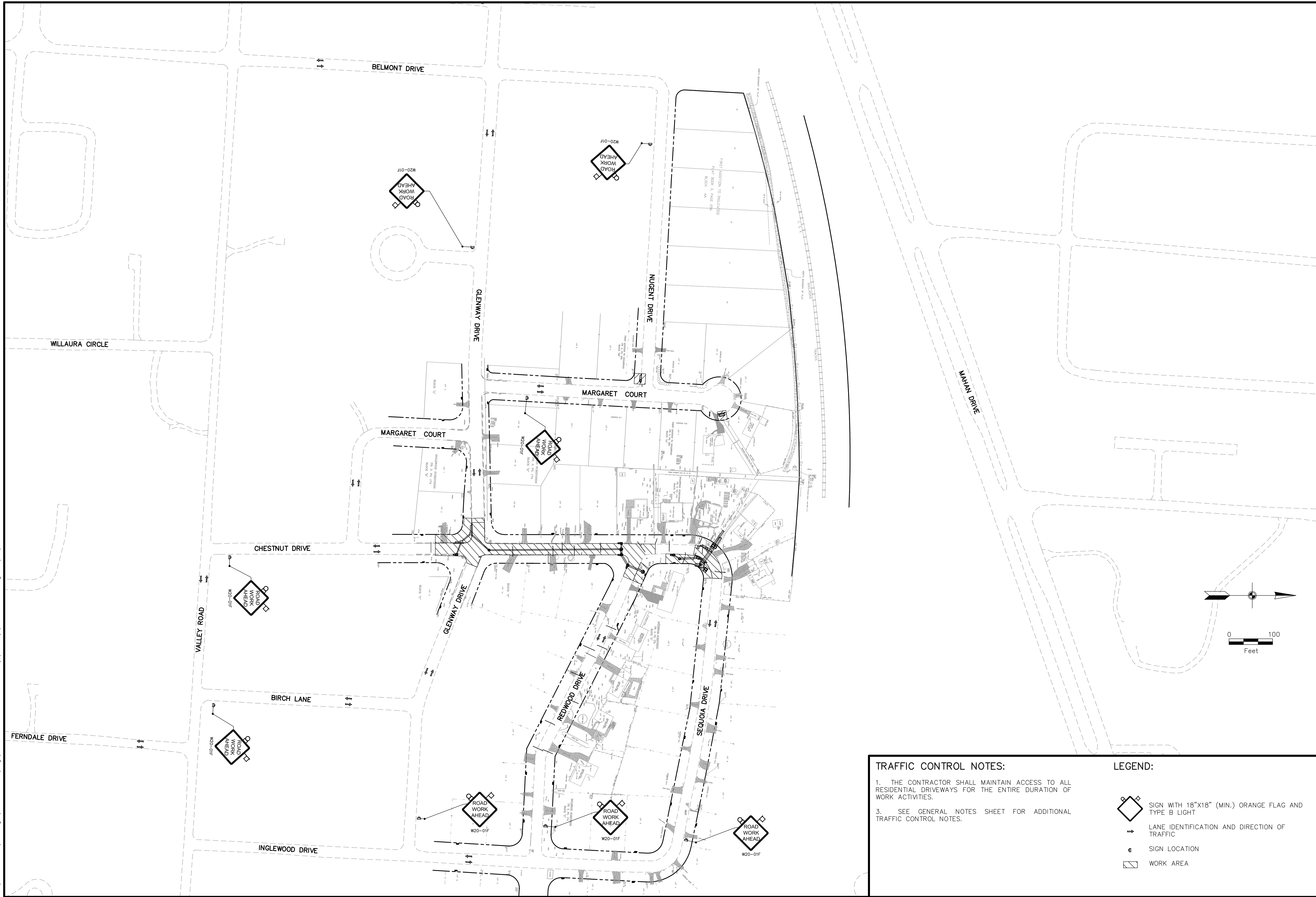


- LEGEND:**
-  TREE BARRICADE (TOTAL = 243 LF)
 -  SOIL TRACKING PREVENTION DEVICE
 -  LIMITS OF CONST.
 -  TREES TO BE REMOVED (10 TREES)



<p>ENGINEER OF RECORD ALVIN T. ST. PIERRE, Inc. 1590 Village Square Boulevard Tallahassee, FL 32309 P.E. NO. 70831</p>	<p>ORIGINAL: MARCH 14, 2016</p> <p>REVISIONS:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>1</td><td></td></tr> <tr><td>2</td><td></td></tr> <tr><td>3</td><td></td></tr> <tr><td>4</td><td></td></tr> <tr><td>5</td><td></td></tr> </table>	1		2		3		4		5		<p>SHEET</p> <p>INGLEWOOD NEIGHBORHOOD STORMWATER IMPROVEMENTS</p> <p>STORMWATER POLLUTION PREVENTION PLAN</p>
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<p>ENGINEERING AND CONSTRUCTION SERVICES TALLAHASSEE, FLORIDA 32309 PHONE (850) 668-5211 • FAX (850) 668-5106 WWW.GPIINC.COM • OPERATION NO.: 3496 LICENSED BUSINESS NO.: 7292</p>		<p>GPI Greenman-Pedersen, Inc.</p>										
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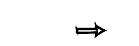
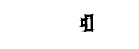
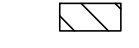
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TRAFFIC CONTROL NOTES:

1. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL RESIDENTIAL DRIVEWAYS FOR THE ENTIRE DURATION OF WORK ACTIVITIES.
3. SEE GENERAL NOTES SHEET FOR ADDITIONAL TRAFFIC CONTROL NOTES.

LEGEND:

-  SIGN WITH 18"x18" (MIN.) ORANGE FLAG AND TYPE B LIGHT
-  LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
-  SIGN LOCATION
-  WORK AREA

<p>ENGINEERING AND CONSTRUCTION SERVICES GREENMAN-PEDERSEN, INC. TALLAHASSEE, FLORIDA 32309 PHONE (850) 668-5211 • FAX (850) 668-5106 LICENSE NUMBER: 3496 LICENSED BUSINESS NO.: 7292</p>	<p>PROJECT INGLEWOOD NEIGHBORHOOD STORMWATER IMPROVEMENTS</p>	<p>SHEET TRAFFIC CONTROL PLAN</p>										
<p>ENGINEER OF RECORD ALAN W. ST. P. E. 1590 Village Square Boulevard Tallahassee, FL 32309 P.E. NO. 70831</p>												
<p>ORIGINAL MARCH 14, 2016</p> <p>REVISIONS:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 5%;">1</td><td style="width: 95%;"></td></tr> <tr><td>2</td><td></td></tr> <tr><td>3</td><td></td></tr> <tr><td>4</td><td></td></tr> <tr><td>5</td><td></td></tr> </table>			1		2		3		4		5	
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