

COUNTY	STATE	PROJECT NUMBER		TOTAL SHEETS
FAYETTE	GA	6565F	1	4

CONSTRUCTION DRAWINGS

FOR

FAYETTE COUNTY ANIMAL SHELTER

SANITARY SEWER IMPROVEMENTS

Land Lot 29, 6th Land District

FAYETTE COUNTY, GEORGIA

TOTAL SITE AREA- 2.54 Ac.

DISTURBED AREA = 0.03 Ac

STATE WATER NOTE:

THERE ARE NO STATE WATERS ON-SITE
STATE WATERS ARE NOT WITHIN 200 FEET OF THE LIMITS OF CONSTRUCTION

WETLANDS NOTE:

BASED UPON FIELD INSPECTION AND OBSERVATIONS OF THE PROPERTY, AND SUPPORTED BY THE NATIONAL WETLANDS INVENTORY MAPPING, PRODUCED BY THE U.S. DEPARTMENT OF THE INTERIOR/FISH AND WILDLIFE SERVICE, THERE ARE NO WETLANDS CONTAINED WITHIN THE PROJECT LIMITS OF THIS SITE

WATERSHED NOTE:

BASED UPON THE WATERSHED MAPPING CONTAINED WITHIN THE FAYETTE COUNTY GIS WEB SITE AND ENVIRONMENTAL MANAGEMENT, THIS PROJECT DRAINS TO A TRIBUTARY OF LINE CREEK AND IS LOCATED IN THE UPPER FLINT WATERSHED-- 0313005



(NO SCALE)

GENERAL NOTES:

- ALL WORK SHALL COMPLY WITH FAYETTE COUNTY, PEACHTREE CITY, PEACHTREE CITY WATER AND SEWER AUTHORITY AND STATE OF GEORGIA REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
- THE CONTRACTOR IS TO VERIFY ALL PERMITS ARE OBTAINED AND ARE READILY AVAILABLE PRIOR TO COMMENCEMENT OF ANY WORK DONE BY THE AGENCY BY WHICH THE REMOVAL OF SUCH STRUCTURE OR UTILITY IS AFFECTED.
- THIS PROJECT WILL BE LOCALLY FUNDED.
- TOTAL AREA: 2.54 Acres - DISTURBED AREA: 0.03 Acres
- ANY REVISIONS TO THE PLANS AFTER THE INITIAL SUBMITTAL, OTHER THAN THE RESPONSE TO THE PLAN REVIEW COMMENTS, WILL BE INDICATED AS REVISIONS AND NOTED ON THESE DRAWINGS.
- ANY VARIATIONS FROM THE PERMITTED PLANS, CHANGES IN DESIGN RESULTING FROM FIELD CONDITIONS, OR SUBSTITUTION OF CONSTRUCTION MATERIALS ARE TO BE REVIEWED AND APPROVED BY THE DESIGN ENGINEER.
- CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION.
- EXISTING CONDITIONS THAT HAVE CHANGED AND ARE NOT ADDRESSED IN THESE DOCUMENTS MAY BE FIELD MODIFIED AFTER CONFIRMING SUCH CHANGES WITH THE DESIGN ENGINEER.
- THE CONTRACTOR WILL ENSURE ALL BMP MEASURES SHOWN ON THE ES&PC PLAN ARE INSTALLED PRIOR TO ANY LAND DISTURBING, DEMOLITION OR CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROL PRACTICES ON THIS SITE.
- CONTRACTOR SHALL HAVE AN APPROVED HAULING PLAN THAT MEETS FAYETTE COUNTY, PEACHTREE CITY AND PEACHTREE CITY WATER AND SEWER AUTHORITY PERMITTING REQUIREMENTS FOR THE LOCATION OF WHERE WASTE SOIL WILL BE DISPOSED, AS WELL AS A DETAILED PLAN FOR THE ROUTE TO BE USED FOR HAULING PURPOSES.
- THE DESIGN PROFESSIONAL DOES NOT MAKE ANY REPRESENTATION, WARRANTY, ASSURANCE OR GUARANTEE THAT THE EXISTING UTILITY INFORMATION IS CORRECT, ACCURATE OR COMPLETE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ARRANGE FOR THE FIELD LOCATION AND PROTECTION OF ALL OVERHEAD AND SUBSURFACE LINES AND FACILITIES WHICH MAY BE ENCOUNTERED DURING THE COURSE OF THE EXCAVATION, DEMOLITION OR UTILITY WORK.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE INSTALLATION OF ANY PROPOSED UTILITIES WITH THE APPROPRIATE UTILITY COMPANY AS WELL AS WITH THE DESIGN ENGINEER.
- THE SITE SHALL BE CLEARED OF ALL TREES, STUMPS, ROOTS, ETC (EXCEPT IN NOTED TREE SAVE AREAS). TOPSOIL SHALL BE STRIPPED AND STOCKPILED FOR BACKFILLING SHOULDERS AND SLOPES. ANY UNSTABLE AREAS SHALL BE REMOVED AND REPLACED WITH MORE SUITABLE MATERIALS. SUITABLE FILL MATERIAL SHALL HAVE A MAXIMUM DRY DENSITY OF AT LEAST 90 POUNDS PER CUBIC FOOT AS DETERMINED BY ASTM D 698. FILL MATERIALS SHALL BE PLACED IN 6- TO 8-INCH LIFTS AND COMPACTED UNIFORMLY TO AT LEAST 95% OF ITS STANDARD PROCTOR DRY DENSITY. IN CUT AREAS OR AREAS NEAR FINISHED GRADE, THE SURFACE SHALL BE SCARIFIED 6-INCHES DEEP AND UNIFORMLY COMPACTED TO AT LEAST 95% THE MATERIALS STANDARD PROCTOR DRY DENSITY.
- CONTRACTOR TO NOTIFY ENGINEER OF ALL DISCREPANCIES OR ADDITIONAL UTILITIES ENCOUNTERED.
- NO CONSTRUCTION IS PERMITTED OUTSIDE THE EASEMENTS SHOWN ON PLANS BY CONTRACTOR. CONTRACTOR TO PROTECT ADJACENT PROPERTIES DURING ALL PHASES OF CONSTRUCTION.
- ALL DRIVEWAYS REMOVED OR DAMAGED DURING CONSTRUCTION SHALL BE REPLACED "IN KIND" TO AT LEAST THE RIGHT-OF-WAY LINE.
- THIS PROJECT DOES NOT LIE WITHIN A 100-YEAR FLOOD HAZARD AREA AS INDICATED BY FLOOD INSURANCE RATE MAP NUMBER 13113C0134E, REVISED SEPTEMBER 26, 2008.
- ALL STORM DRAIN PIPES SHALL BE REINFORCED CONCRETE PIPE UNDER ALL PUBLIC ROADWAYS AND CORRUGATED METAL PIPE IN ALL OTHER LOCATIONS. CONCRETE HEADWALLS SHALL BE PROVIDED FOR ALL ROADWAY PIPES 24" OR LARGER. SAFETY END SECTIONS SHOULD BE PLACED ON ALL DRIVEWAY PIPES.
- CONSTRUCTION MEANS AND METHODS FOR INSTALLATION OF SANITARY SEWER PIPING SHALL BE AS PER PIPE MANUFACTURER'S RECOMMENDATIONS. IF UNSTABLE GROUND IS ENCOUNTERED WHILE TRENCHING, THE BOTTOM OF THE TRENCH SHALL BE EXCAVATED AND BACK FILLED WITH APPROVED GRADED AGGREGATE TO A DEPTH SUFFICIENT TO ASSURE STABILITY. BEDDING STONE SHALL BE PLACED IN THIN LIFTS, COMPACTED UNIFORMLY WITH A MECHANICAL TAMPING DEVICE, AND SHALL BE EXTENDED UP TO THE SPRINGLINE OF THE PIPE.

GENERAL CONSTRUCTION NOTES:

- FORCE MAIN CONSTRUCTION, FORCE MAIN TIE TO MANHOLE AND INSPECTIONS/APPROVALS OF ALL WORK CONCERNING FORCE MAIN TO BE COMPLETED PRIOR TO ANY OTHER WORK SHOWN WITHIN THESE PLANS.
- REPAIR, REPAVING AND REPAIR APPROVAL OF LAVENDER OASIS (IF REQUIRED) MAY PROCEED CONCURRENTLY WITH OTHER WORK.
- IF AN OPEN CUT OF LAVENDER OASIS IS REQUIRED, A MINIMUM 1" THICK STEEL ROAD PLATE IS TO COVER EXCAVATION SITE ANY TIME CONTRACTOR IS NOT ON SITE. ACCESS MUST BE MAINTAINED TO ALL RESIDENCES.
- EXISTING WET WELL TO BE CONVERTED TO SEPTIC TANK #3 IMMEDIATELY AFTER FORCE MAIN IS INSTALLED AND TIED TO EXISTING MANHOLE; (SEE SHEET 2 FOR SEPTIC TANK NUMBERING)
- REMOVE EXISTING WET WELL PUMP
- INSTALL AND CONNECT PROPOSED GRINDER PUMP
 - GRINDER PUMP SHALL BE 115V, CAPABLE OF SHREDDING DIFFICULT SOLIDS,
 - HAVE A 2" DISCHARGE
 - BE CAPABLE OF PUMPING, MINIMUM 38 GPM AT 20' OF HEAD
 - LIBERTY PUMPS 1 HP PRG-SERIES GRINDER PUMP WILL MEET THESE REQUIREMENTS. EQUAL OR SIMILAR PUMP SELECTION MUST BE APPROVED BY FAYETTE COUNTY ENGINEERING DEPT.
- TEST AND CONFIRM PUMP AND FORCE MAIN COMPONENTS PERFORMS AS INTENDED.
- SET AND CONFIRM HIGH WATER ALARM IN TANK IS SET TO 1 FOOT ABOVE GRINDER PUMP "ON" LEVEL AND IS PERFORMING PROPERLY.
- AFTER GRINDER PUMP INSTALLATION, CONTRACTOR SHALL:
 - BYPASS SEPTIC TANK #1
 - CONNECT INFLUENT PIPE TO EFFLUENT PIPE THROUGH TANK OF EQUAL DIAMETER. COUPLER SLEEVES MAY BE USED.
 - BYPASS SEPTIC TANK #2
 - SAW CUT ASPHALT AND EXCAVATE A TRENCH OF SUFFICIENT DEPTH AND WIDTH TO PROVIDE A CONNECTION DOWNFLOW OF EXISTING CLEANOUT FROM BUILDING TO THE EXISTING EFFLUENT LINE RUNNING PARALLEL TO CURB LINE.
 - INSTALL PIPE OF SIMILAR MATERIAL AND DIAMETER FROM LINE EXITING BUILDING TO EXISTING LINE UNDER PAVING.
 - THE USE OF A 90 DEGREE SWEEP AND CLEANOUT IS REQUIRED WHEN TYING INTO EXISTING LINES.
 - PROVIDE BEDDING: COMPACTED FILL 6" - 3000 PSI CONCRETE FROM ROAD BASE TO TOPPING OF EXISTING PAVING SECTION, OVERLAY WITH 1" 9.5 MM SUPER PAVE WHEN BACKFILLING NEW PIPE CONNECTION. (REFER TO DETAIL, SECTION A - A, SHEET 3)
 - NEW PIPE TO BE A MINIMUM OF 3' FROM BUILDING.
- ONCE SEPTIC TANKS HAVE BEEN BYPASSED AND NO LIQUIDS OR SOLIDS ARE CAPABLE OF BEING DEPOSITED WITH TANKS #1 AND #2, THE FOLLOWING SEPTIC TANK ABANDONMENT PROCESS MUST BE APPLIED TO SEPTIC TANKS #1 & #2
 - ALL LIQUIDS AND SOLIDS MUST BE REMOVED FROM BOTH TANKS.
 - MINIMUM 6 - 2" HOLES DRILLED THROUGH BOTTOM OF TANKS.
 - FILL TANK TO A MINIMUM 0.5' BELOW LOWEST OPENING LOCATED IN THE SIDES OF THE TANK WITH SAND. SAND TO BE COMPACTED AS FILLED.
 - FILL REMAINING AREA OF SEPTIC TANK WITH CONCRETE. CONCRETE FILL SHALL BE LEVEL WITH MANHOLE LID SEAT.
 - CONCRETE SHALL BE VIBRATED TO ELIMINATE AIR POCKETS.
 - REPLACE METAL MANHOLE COVERS IN OPENINGS AND CONCRETE. MANHOLE COVERS TO BE SET FLUSH WITH SURROUNDING SURFACE.
- CONTRACTOR TO NOTIFY ANIMAL SHELTER AT LEAST 24 HRS PRIOR TO BEGINNING STEPS TO ABANDON EXISTING SEPTIC TANKS
- IF REQUIRED, CONTRACTOR TO PROVIDE TEMPORARY SANITARY FACILITIES FOR ANIMAL SHELTER PERSONNEL.

CONSTRUCTION ACTIVITY SCHEDULE

GENERAL SCHEDULE FOR ANIMAL SHELTER SEWER CONSTRUCTION

ACTIVITY	2018											
	DAYS OF CONSTRUCTION ACTIVITY											
INITIAL/INTERMEDIATE EROSION/SEDIMENT CONTROL												
FORCE MAIN CONSTRUCTION AND MANHOLE TIE												
ROADWAY REPAIR (IF REQUIRED)												
PUMP SEPTIC TANKS/INSTALL GRINDER PUMP/PIPE TANKS												
DECOMMISSION SEPTIC TANKS 1 & 2												
FINAL STABILIZATION												
*EROSION CONTROL MAINTENANCE												
*MAINTAIN THROUGHOUT LIFE OF PROJECT												

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4	CONSTRUCTION DETAILS - EROSION AND SEDIMENT CONTROL

REVISION	DATE	DESCRIPTION



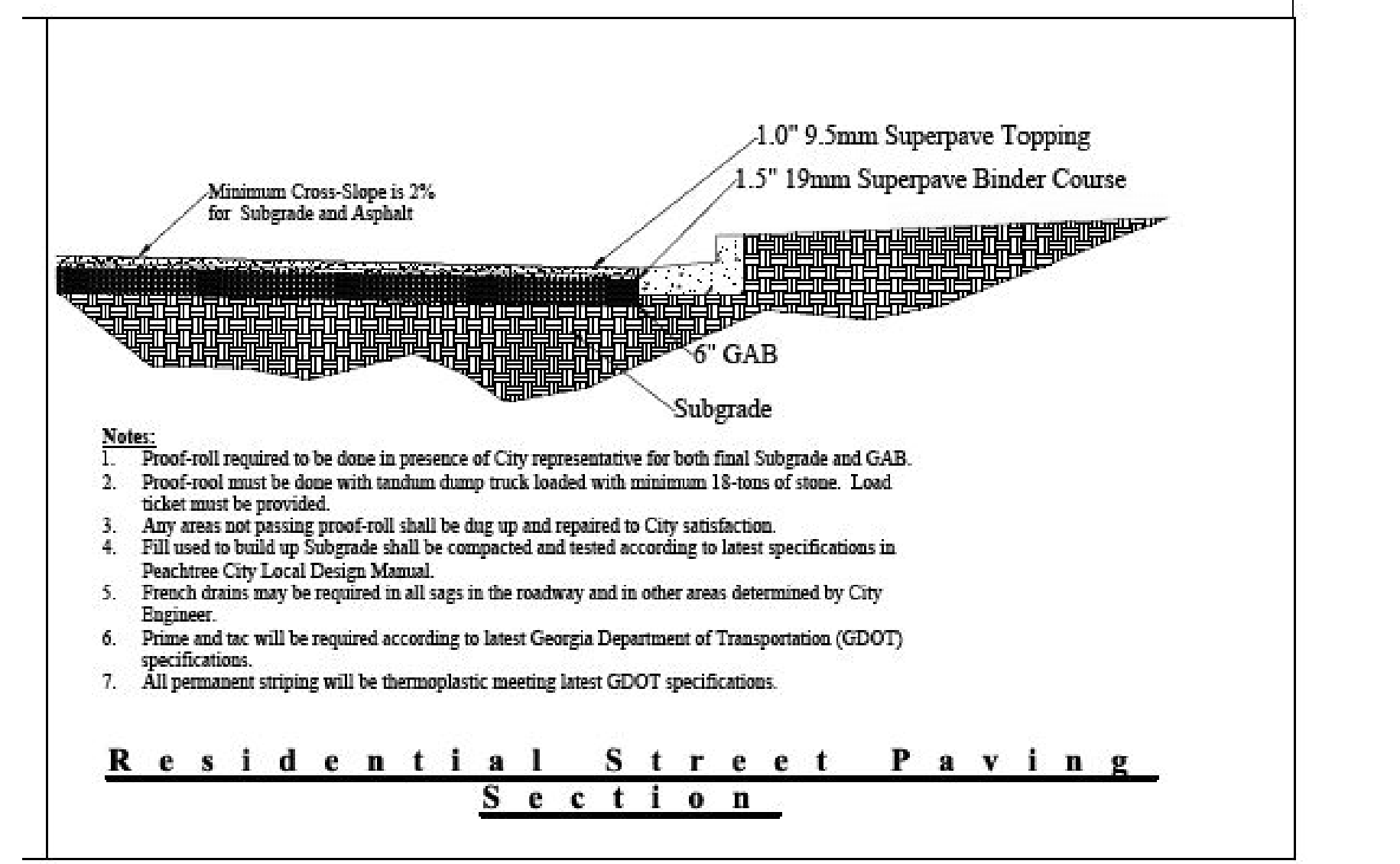
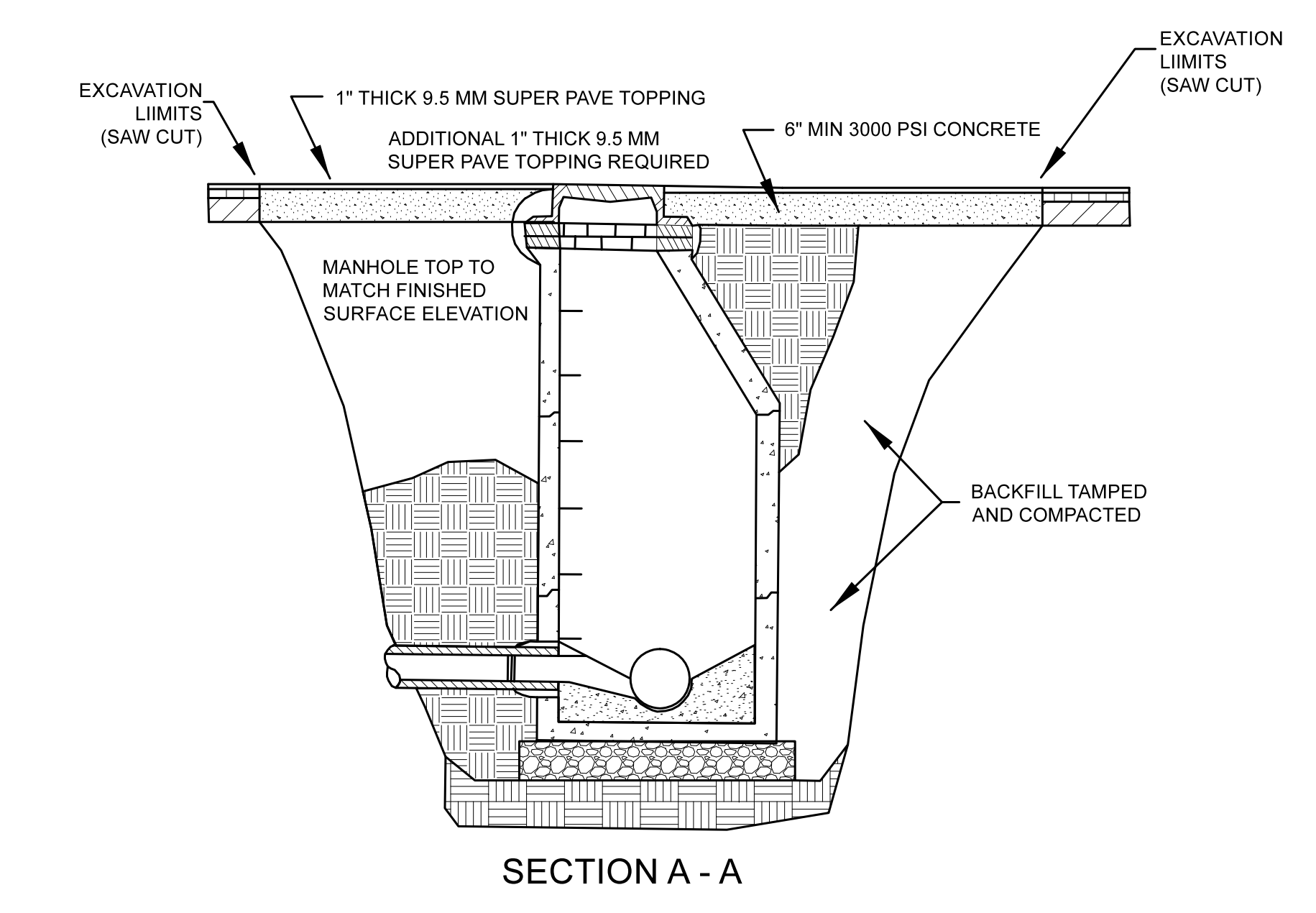
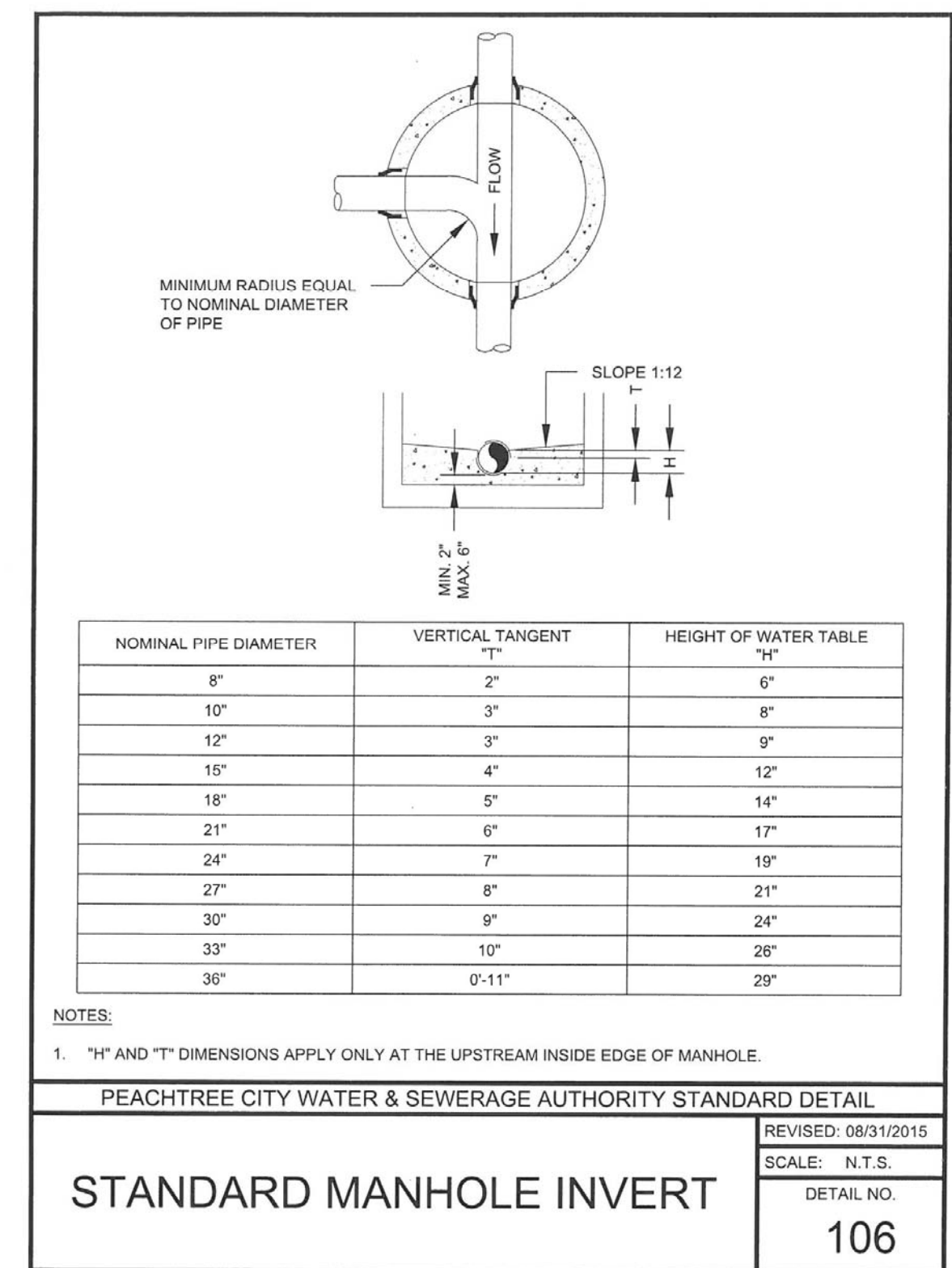
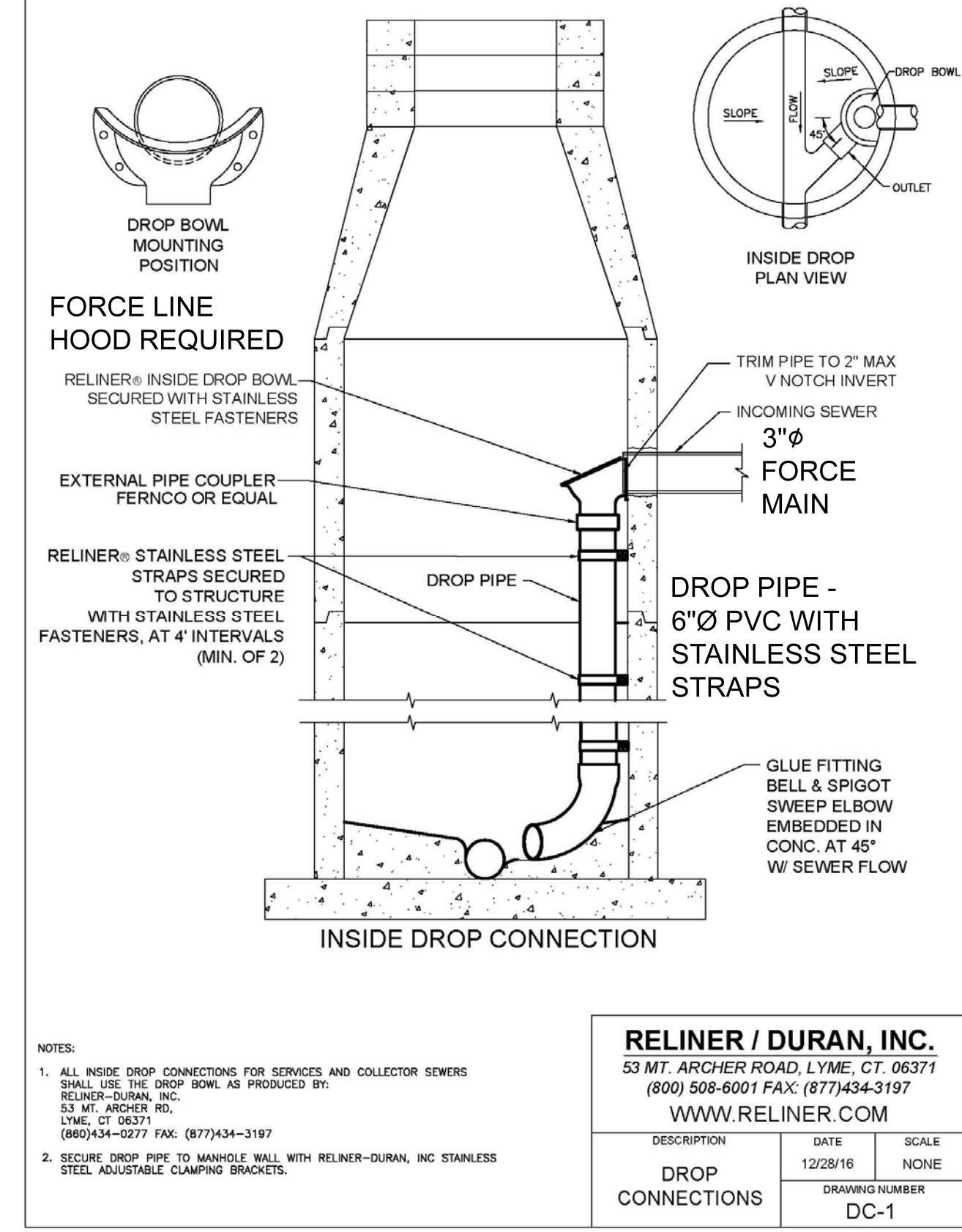
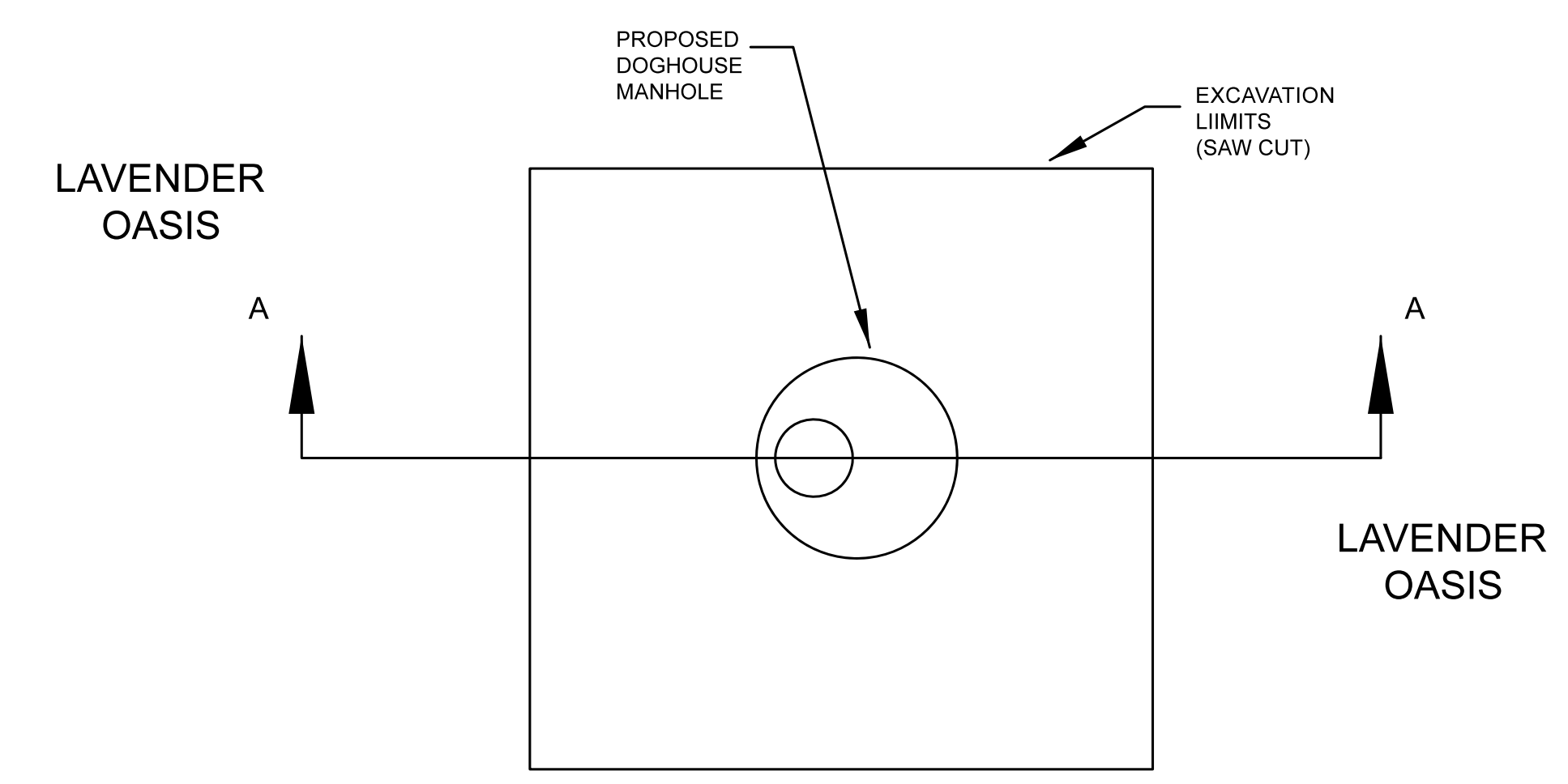
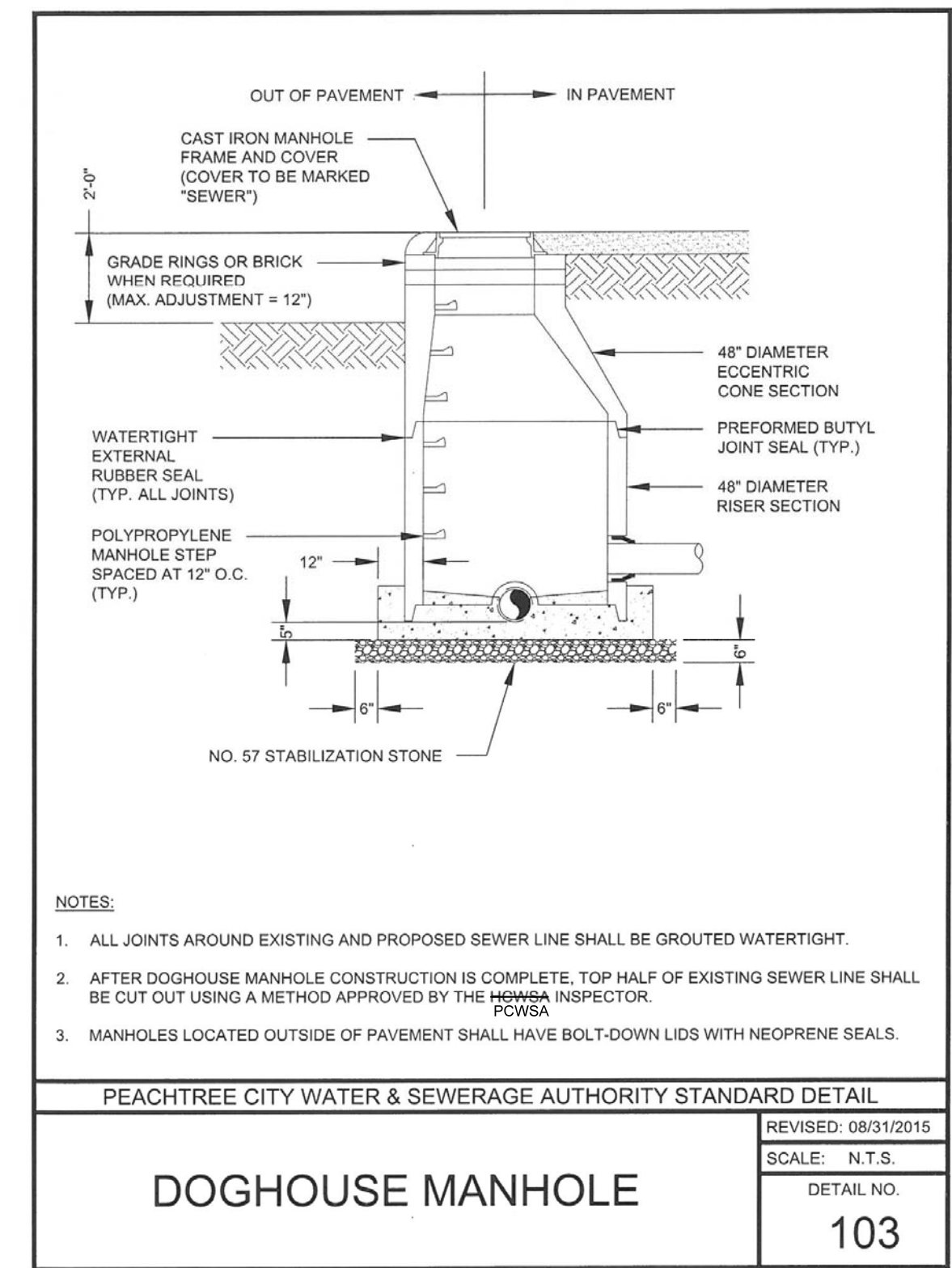
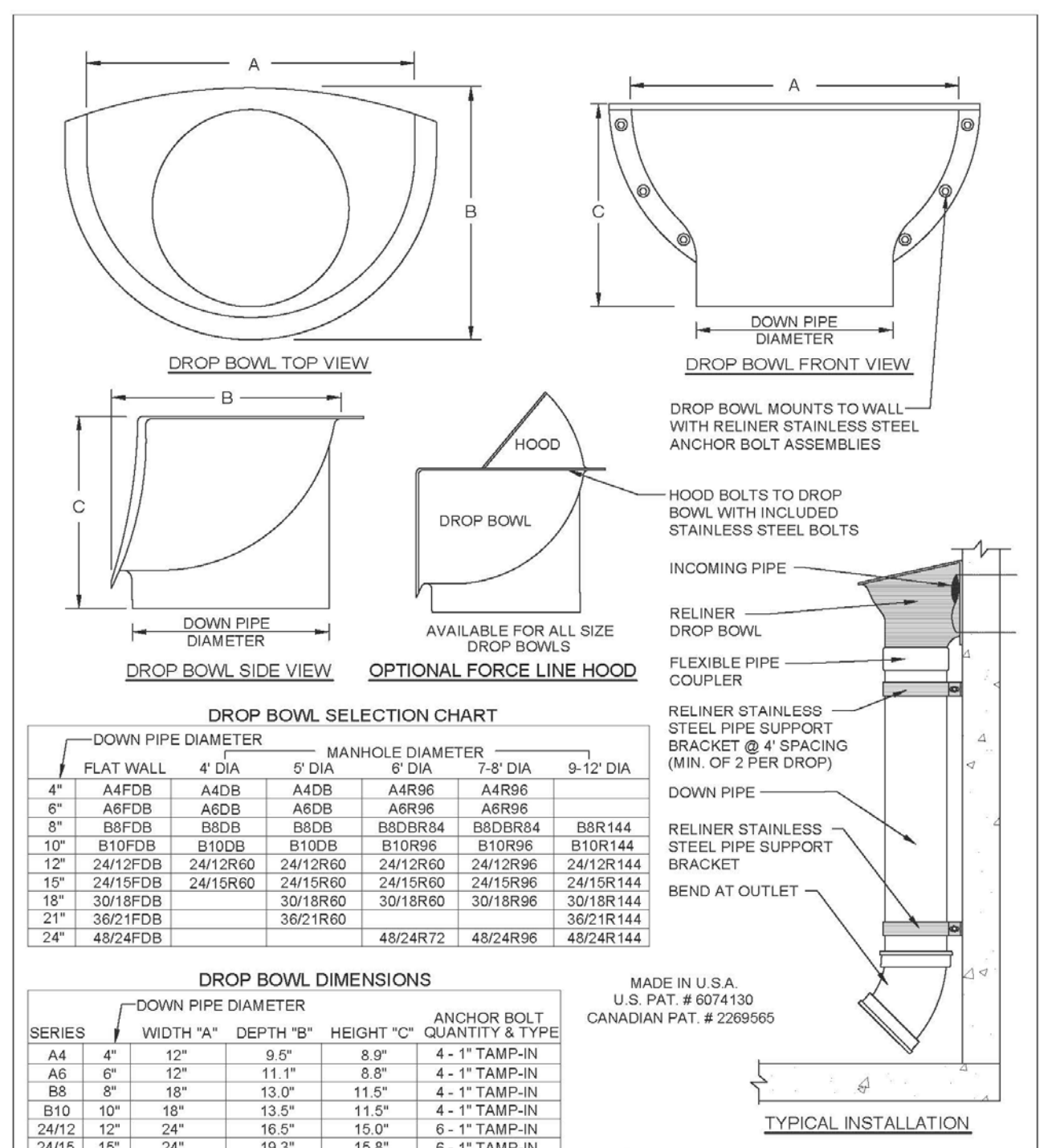
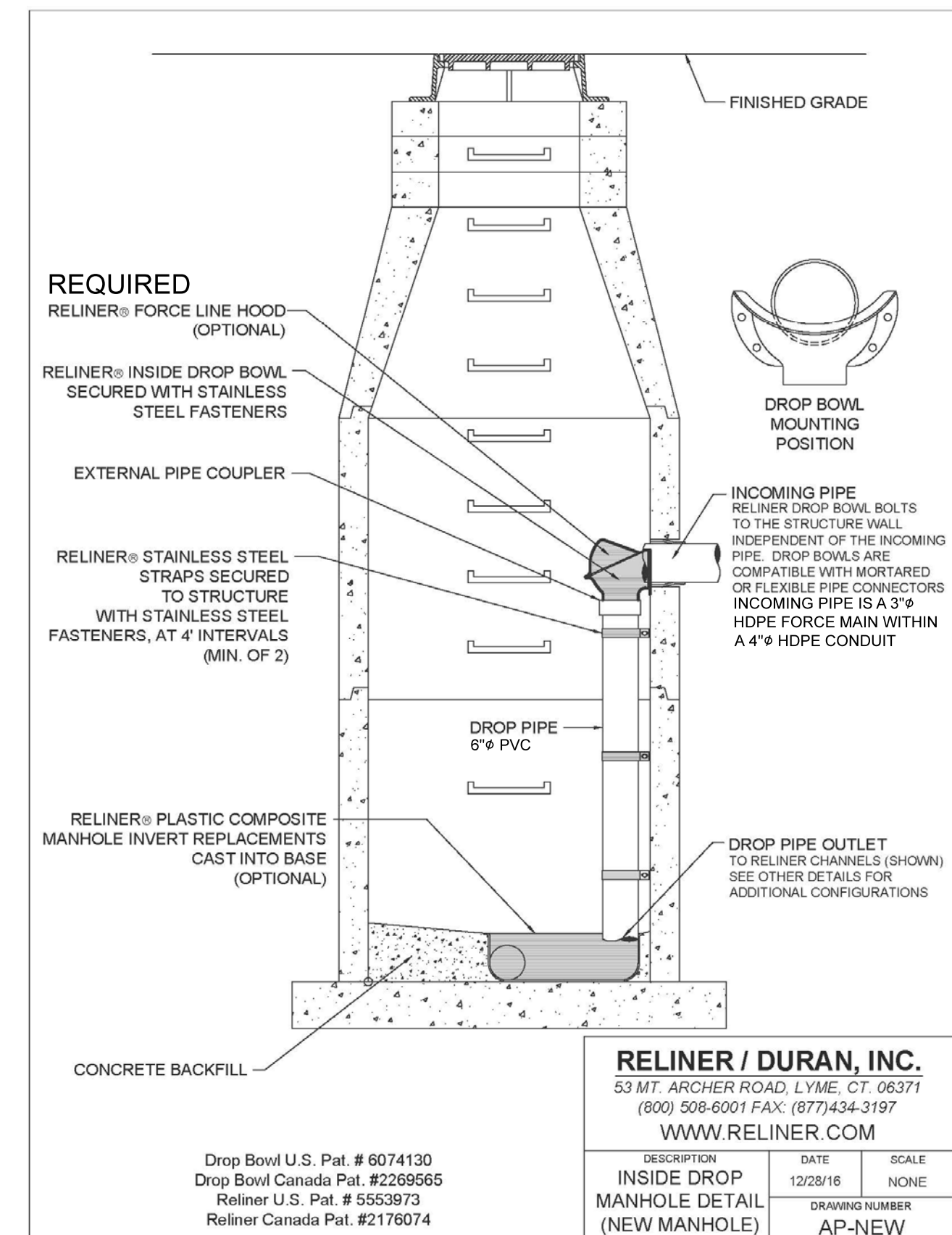
COVER SHEET

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FAYETTE COUNTY
PUBLIC WORKS DEPARTMENT
April 18, 2018

FAYETTE COUNTY ANIMAL SHELTER
SANITARY SEWER IMPROVMENTS
FORCE MAIN TO LAVENDER OASIS
LAND LOT 29, 6th DISTRICT,
PEACHTREE CITY, FAYETTE COUNTY, GA



REVISION DATES



CONSTRUCTION DETAILS

ENGINEERING DEPT.
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