

GENERAL NOTES

1. SINCE THE PROJECT DISTURBED AREA ASSOCIATED WITH THIS PROJECT IS MORE THAN 1.0 ACRE, A NOTICE OF INTENT IS REQUIRED FOR THIS PROJECT.
2. CONTRACTOR IS TO FLUSH ALL RETAINED INLETS AND PIPE AT THE COMPLETION OF CONSTRUCTION TO REMOVE ANY SILT AND DEBRIS. THE FLUSHING AND CLEANING OF DROP INLETS, CULVERTS AND PIPES (EXISTING AND PROPOSED) SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE PROJECT AND THE COST SHALL BE INCLUDED IN THE COST FOR PIPE ON THE PROJECT.
3. ALL PIPE JOINTS TO BE WRAPPED AS PER CITY OF SAVANNAH. THE COST FOR WRAPPING PIPE JOINTS SHALL BE INCLUDED IN THE OVERALL COST FOR PIPE ON THE PROJECT.
4. ALL BORROW AND WASTE SITES FOR THIS PROJECT SHALL BE ENVIRONMENTALLY APPROVED PRIOR TO CONSTRUCTION ACTIVITIES OCCURRING IN THEM. ALL COMMON FILL OR EXCESS MATERIAL DISPOSED OUTSIDE THE PROJECT RIGHT OF WAY SHALL BE PLACED IN EITHER A PERMITTED SOLID WASTE FACILITY, A PERMITTED INERT WASTE LANDFILL OR IN AN ENGINEERED FILL. SEE SECTION 201 OF THE STANDARD SPECIFICATION AND SUPPLEMENTS THERETO FOR ADDITIONAL INFORMATION.
5. ALL EXISTING PIPE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED ON PLANS.
6. EXISTING PAVED SHOULDERS SHALL BE REMOVED AND REMOVAL SHALL BE INCLUDED IN THE PRICE BID FOR CLEARING & GRUBBING. SAWED LONGITUDINAL JOINTS ASSOCIATED WITH SHOULDER REMOVAL, AS WELL AS ALL OTHER EXISTING PAVEMENT REMOVAL AND PREPARATION, SHALL ALSO BE INCLUDED IN THE PRICE BID FOR GRADING COMPLETE.
7. THERE IS NO SUTIBLE PLACE TO BURY EXISTING CONSTRUCTION DEBRIS WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL PROVIDE AN ENVIRONMENTALLY APPROVED SITE TO DISPOSE OF EXISTING CONSTRUCTION DEBRIS AT NO ADDITIONAL COST TO THE DEPARTMENT.
8. INCLUDE THE COST OF PAVEMENT SAW CUTTING IN THE OVERALL COST OF THE BID.
9. ALL ADA RAMPS AND SIDEWALKS WITH THE RADI ARE TO BE CONSTRUCTED WITH 8" CONCRETE.

PROJECT SPECIFIC NOTES

1. ALL DRIVEWAYS THAT ARE TO BE RECONSTRUCTED WILL BE PAVED BACK TO THE TIE IN POINT OR REQUIRED RIGHT OF WAY, WHICHEVER IS GREATER. ALL DRIVEWAYS OVER 11% IN GRADE SHOULD BE PAVED WITH CONCRETE. ALL OTHER DRIVEWAYS SHALL BE REPLACED AS FOLLOWS; ASPHALT FOR ASPHALT, CONCRETE FOR CONCRETE AND ASPHALT FOR EARTH / GRAVEL DRIVES. RESIDENTIAL DRIVES SHALL BE 14 FEET WIDE AT THE THROAT UNLESS NOTED OTHERWISE IN THE PLANS. COMMERCIAL DRIVES SHALL BE 24 FEET WIDE UNLESS NOTED OTHERWISE IN THE PLANS. EXISTING DRIVEWAY LOCATIONS ARE SHOWN FROM THE BEST AVAILABLE DATA; THE CONTRACTOR SHALL CONSTRUCT DRIVEWAYS TO MATCH THE LOCATION OF EXISTING DRIVEWAYS AT THE TIE IN POINT, IF APPLICABLE. THE CONTRACTOR SHALL OBTAIN THE APPROVAL FROM THE ENGINEER PRIOR TO MAKING ANY REVISIONS TO LOCATION, WIDTH, AND/OR NUMBER OF DRIVES TO BE CONSTRUCTED. DRIVES SHALL BE CONSTRUCTED USING:

RESIDENTIAL:
ASPHALT - 135 LB/SY RECYCLED ASPHALT CONCRETE, 9.5 MM, TP 11 GRADED AGGREGATE COURSE, 6".
CONCRETE - DRIVEWAY CONCRETE, 6 IN THICK.

COMMERCIAL:
ASPHALT - 135 LB/SY RECYCLED ASPHALT CONCRETE, 9.5 MM, TP 11 220 LB/SY RECYCLED ASPHALT CONCRETE, 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME GRADED AGGREGATE COURSE, 6".
CONCRETE - DRIVEWAY CONCRETE, 8 IN THICK
2. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING HORIZONTAL AND VERTICAL LOCATION OF THE SERVICE LINES AND PROTECT THEM FROM DAMAGE.
3. ACCESS TO ALL DRIVEWAYS WILL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
4. ALL TESTING AND INSTALLATION FOR WATER/SEWER RELOCATIONS SHALL BE IN COMPLIANCE WITH LOCAL JURISDICTION REQUIREMENTS AND SPECIAL PROVISIONS 670/660.

| UTILITY OWNER | SERVICE | CONTACT NUMBERS | SHEET NUMBERS |
|-----------------------|--------------------|-----------------|---------------|
| ATLANTA GAS LIGHT CO. | GAS | | |
| AT&T | TELEPHONE | | |
| GEORGIA POWER CO. | POWER DISTRIBUTION | | |
| GEORGIA POWER CO. | POWER TRANSMISSION | | |
| CITY OF SAVANNAH | WATER & SEWER | | |
| COMCAST | CATV | | |

pH: 5.5
Resistivity: 10000
Project No.: ES135140

County: Chatham

P.I. No.: 0010028

**Pipe Culvert Material Alternates
For Coastal Plain Region**

| TYPE OF PIPE INSTALLATION | CONCRETE | CORRUGATED STEEL AASHTO M-36 | | CORRUGATED ALUMINUM AASHTO M-196 | PLASTIC | | |
|--|--------------------------------|--------------------------------------|-------------------|----------------------------------|--|---|---|
| | | ALUMINUM COATED (TYPE 2) CORR. STEEL | PLAIN ZINC COATED | PLAIN UNCOATED ALUMINUM | CORR. POLYETHYLENE SMOOTHED LINED AASHTO M-252 | POLY VINYL CHLORIDE (PVC) PROFILE WALL AASHTO M-304 | POLY VINYL CHLORIDE (PVC) CORRUGATED SMOOTH INTERIOR ASTM F-949 |
| LONGITUDINAL INTERSTATE AND TRAVEL BEARING | X | | | | | | |
| LONGITUDINAL NON-INTERSTATE AND NON-TRAVEL BEARING | X | X | | X | X | X | X |
| STORM DRAIN | ADT < 250 | X | | X | X | X | X |
| | 250 < ADT < 1,500 | X | | X | X | X | X |
| DRAINAGE | GRADE ≤ 10% 500 < ADT < 15,000 | X | | | X | X | X |
| | ADT > 15,000 | X | | | | | |
| DRAIN | ADT < 250 | | X | X | X | X | X |
| | GRADE > 10% ADT > 250 | | | X | X | X | X |
| SIDE DRAIN | X | X | | X | X | X | X |
| PERMANENT SLOPE DRAIN | | X | X | X | X | X | X |
| PERFORATED UNDERDRAIN | | X | X | X | X | X | X |

NOTES:

- 1 Allowable materials are indicated by an "X".
- 2 Structural requirements of storm drain pipe will be in accordance with Georgia Standard 1030-D or 1030-P, whichever is applicable, and the Standard Specifications.
- 3 Graded aggregate backfill shall be used in cross drain applications for all plastic pipes (AASHTO M-294, HDPE pipe; AASHTO M-301, PVC pipe; ASTM F-949, PVC pipe).
- 4 The Contractor shall provide additional storm sewer capacity calculations if a pipe material other than concrete is selected.
- 5 Pipe used under mechanically stabilized earth (MSE) walls, within MSE wall backfill, or within five feet of an MSE wall face shall be Class V Concrete Pipe.
- 6 Project specific pH and Resistivity values are entered into the respective boxes above to determine allowable pipe materials.

Rev. 03-22-10



Know what's below.
Call before you dig.

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REVISION DATES

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GENERAL NOTES

DELESSEPS/LA ROCHE AVE FM
WATERS AVE TO SKIDAWAY RD

| | | |
|--------------|-------|-------------|
| CHECKED: | DATE: | DRAWING No. |
| BACKCHECKED: | DATE: | 04-0001 |
| CORRECTED: | DATE: | |
| VERIFIED: | DATE: | |