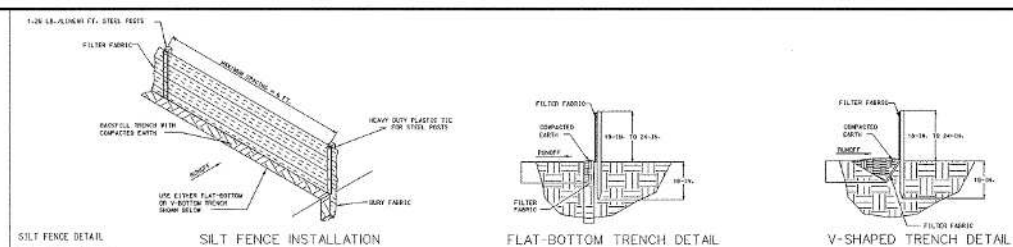
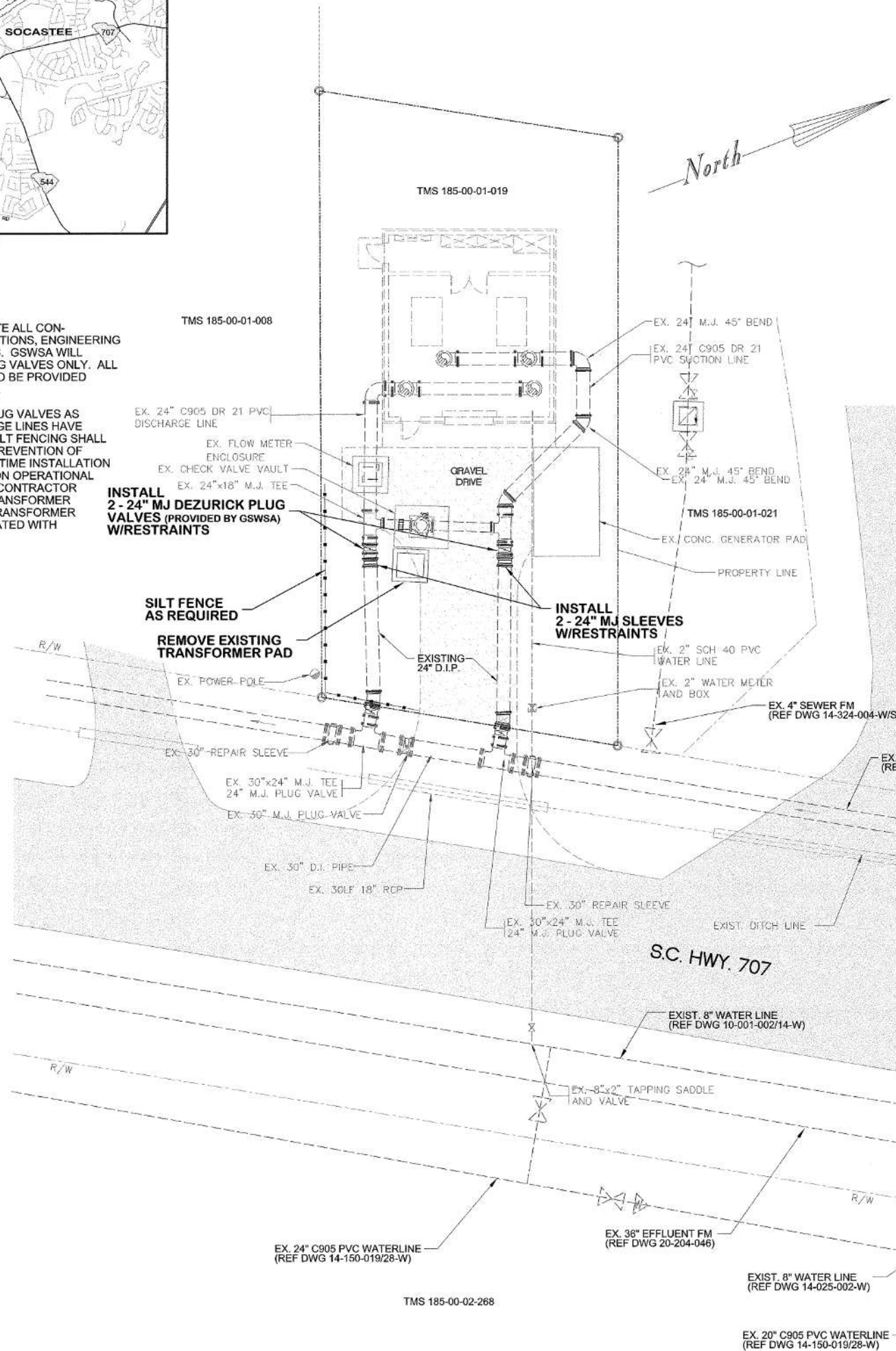
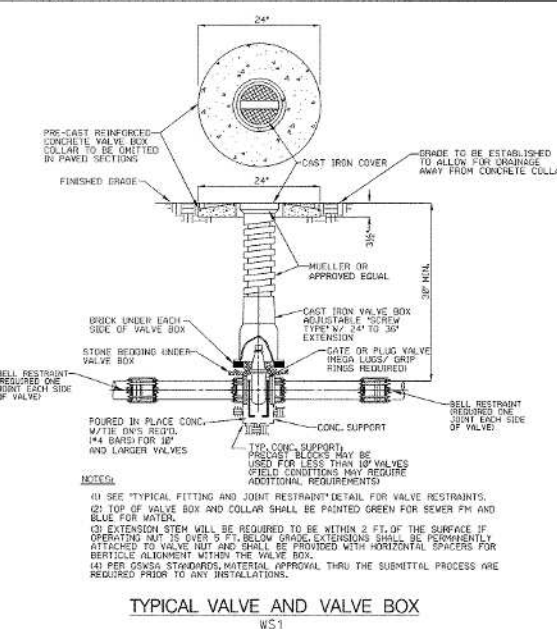


NOTES:
 1) CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION WITH GSWA INSPECTIONS, ENGINEERING AND OPERATIONS DEPARTMENTS. GSWA WILL PROVIDE THE TWO (2) 24" M.J. PLUG VALVES ONLY. ALL OTHER MATERIALS AND LABOR TO BE PROVIDED BY THE SELECTED CONTRACTOR.

2) CONTRACTOR SHALL INSTALL PLUG VALVES AS SHOWN. SUCTION AND DISCHARGE LINES HAVE BETWEEN 3' AND 4' OF COVER. SILT FENCING SHALL BE INSTALLED AS NEEDED FOR PREVENTION OF SEDIMENTATION RUNOFF. NIGHTTIME INSTALLATION MAY BE REQUIRED DEPENDENT ON OPERATIONAL CONDITIONS AT TIME OF WORK. CONTRACTOR SHALL REMOVE AND DISPOSE TRANSFORMER CONCRETE PAD. REMOVAL OF TRANSFORMER CONCRETE PAD TO BE COORDINATED WITH GSWA OPERATIONS.



SILT FENCE DETAIL
 When and Where to Use It:
 Silt fences are to be used to control sediment runoff from construction areas.
 Where the silt fence shall be installed:
 1. Upstream of any excavation or trench.
 2. Downstream of any grading or earthmoving operation.
 3. At the edge of any construction area.
 4. At the entrance to any water body.
 5. At the entrance to any drainage ditch.
 6. At the entrance to any stormwater management facility.
 7. At the entrance to any sensitive area.
 8. At the entrance to any area where sediment control is required.
 9. At the entrance to any area where sediment control is desired.
 10. At the entrance to any area where sediment control is recommended.



GRAND STRAND WATER & SEWER AUTHORITY
 170 JACKSON BLVD. NO. 200
 CONWAY, SC 29524-2000
 (803) 347-4600 (FAX)
 E-MAIL: GSWA@GSA.COM

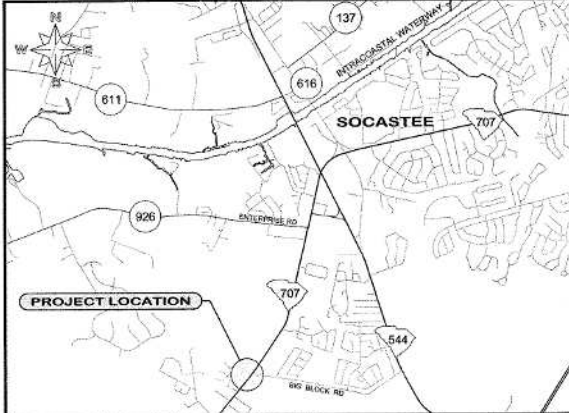
BIG BLOCK PUMP STATION
 24" PLUG VALVE ADDITIONS
 (S.C. HWY. 707 AND PORTSMITH DRIVE)
 PROJ. # 926-02

SOUTH CAROLINA
 REGISTERED PROFESSIONAL ENGINEER
 No. 21255
 CHRISTINA S. EVERETT

DATE: NOVEMBER 2011
 SCALE: 1" = 10' FEET
 FILENAME: 0-3 REVISION
 DESIGNED BY: ROBERT PERKINS
 CHECKED BY: JASON PORTER
 APPROVED BY: CHRISTINA S. EVERETT

SHEET 1 OF 1

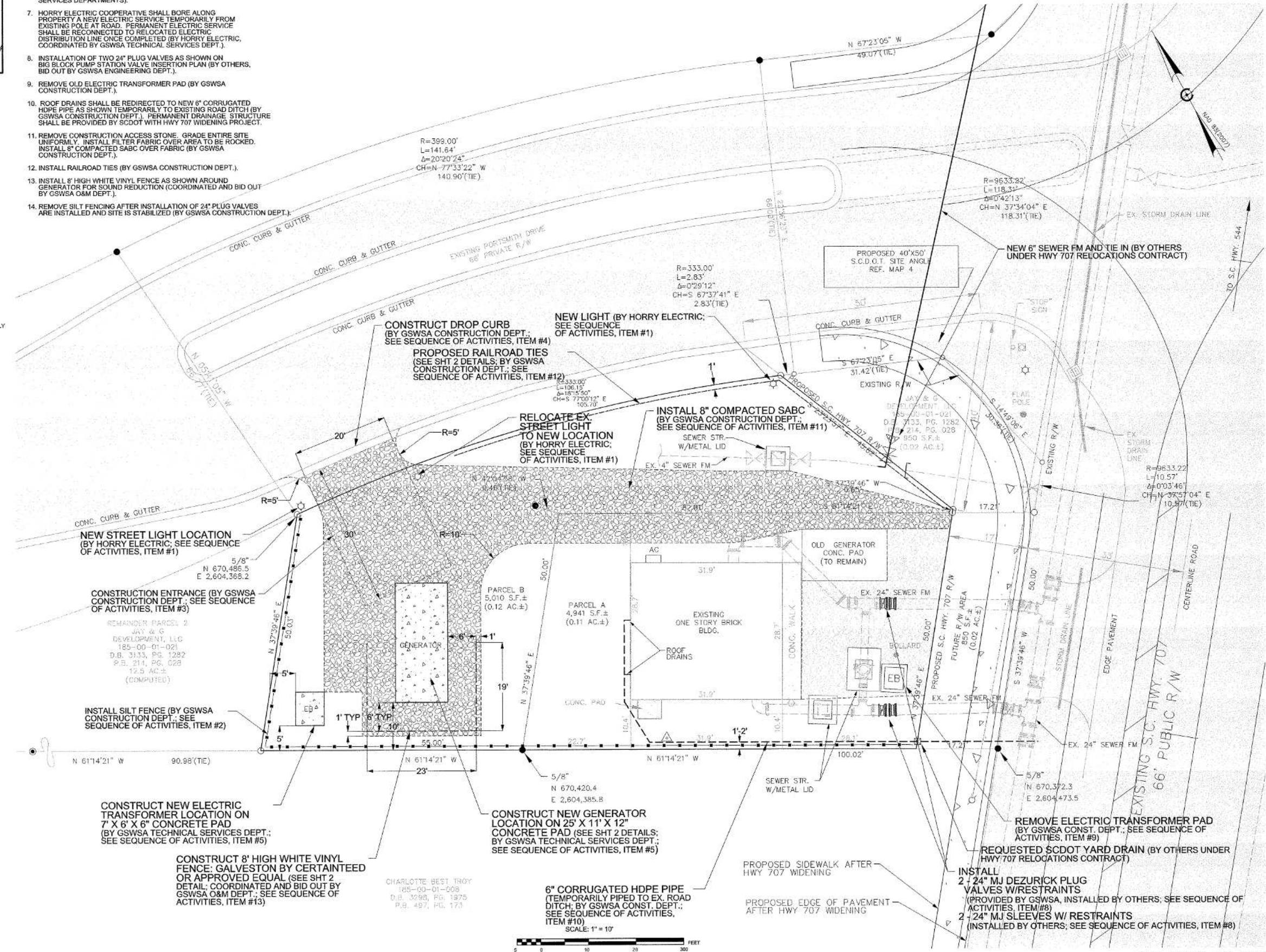
BIG BLOCK PUMP STATION



- GENERAL NOTES:**
1. WORK WITHIN PUBLIC RIGHT-OF-WAYS OR PRIVATE EASEMENTS SHALL BE ACCOMPLISHED BY THE CONTRACTOR ACCORDING TO THE REQUIREMENTS OR CONDITIONS OF THE ENCROACHMENT PERMIT OR OTHER LEGAL DOCUMENTS AS THOUGH DOCUMENTS WERE ISSUED IN THE CONTRACTOR'S NAME. THE CONTRACTOR SHALL MAINTAIN COPIES OF THESE DOCUMENTS ON THE SITE AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF PUBLIC RIGHT-OF-WAYS DURING CONSTRUCTION OF THE PROJECT AND UNTIL THE CONTRACTOR OBTAINS AND DELIVERS TO THE OWNER A WRITTEN SIGN-OFF FROM Horry County AND/OR THE S.C.D.O.T. THAT THE PUBLIC AGENCY HAS ACCEPTED THE RIGHT-OF-WAY BACK FOR MAINTENANCE. FINAL PAYMENT AND RELEASE OF RETAINAGE WILL NOT BE MADE TO THE CONTRACTOR UNTIL WRITTEN SIGN-OFF HAS BEEN OBTAINED FROM THE APPROPRIATE PUBLIC AGENCY AND PROVIDED TO THE OWNER.
 2. PROVISIONS SHALL BE MADE TO PREVENT EROSION AND SILTATION CAUSED BY CONSTRUCTION. TEMPORARY CRASSING, HAY BALES, SILT FENCES OR OTHER METHODS, AS CALLED FOR ON THE PLAN OR THAT MAY BE REQUIRED, SHALL BE USED.
 3. WHEN THE CONTRACTOR IS UNABLE TO COMPLETE HIS WORK AS SHOWN ON THE PLANS BECAUSE OF AN EXISTING UTILITY, CONTRACTOR SHALL STAKE THE LOCATION OF THE UTILITY PRIOR TO PROCEEDING AND CONTACT THE ENGINEER.
 4. THE CONTRACTOR SHALL NOTIFY ALL PUBLIC AGENCIES, THE OWNER, THE ENGINEER AND ALL OTHER CONCERNED PARTIES WHEN CONSTRUCTION IS TO COMMENCE SO THAT INSPECTIONS AND OTHER SITE VISITS MAY BE SCHEDULED.
 5. DATA REQUIRED FOR PREPARATION OF AS-BUILT DRAWINGS SHALL BE OBTAINED BY THE CONTRACTOR AT THE TIME OF INSTALLATION. THIS DATA SHALL BE ACCUMULATED BY THE CONTRACTOR AND COORDINATED WITH THE PROJECT INSPECTOR ON A DAILY BASIS DURING THE CONSTRUCTION PERIOD AND BE SUBMITTED TO THE PROJECT INSPECTOR IN A NEAT AND LEGIBLE MANNER AFTER COMPLETION OF THE PROJECT.
 6. ALL MATERIALS AND/OR INSTALLATION, UNLESS OTHERWISE NOTED, SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE AUTHORITY'S WATER AND SEWER STANDARDS AND SPECIFICATIONS, AND WHERE APPLICABLE, ALL FEDERAL, SOUTH CAROLINA AND LOCAL ORDINANCES, REGULATIONS, SPECIFICATIONS AND PERMITS.
 7. THE CONTRACTOR WILL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND EXISTENCE OF ALL UNDERGROUND UTILITIES. LOCATION OF UTILITIES ON THE PLANS, WHETHER FULLY AND CORRECTLY LOCATED OR PARTIALLY AND/OR INCORRECTLY LOCATED OR OMITTED WILL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OR LIABILITY FOR DAMAGE TO THE UTILITIES. THE CONTRACTOR WILL BE RESPONSIBLE FOR CONTACTING LOCAL UTILITIES FOR ASSISTANCE IN LOCATING UTILITIES. THE CONTRACTOR MUST FULLY COMPLY WITH THE SOUTH CAROLINA UNDERGROUND UTILITIES DAMAGE PREVENTION ACT, GENERAL STATUTES 58-36 SECTIONS 20 THROUGH 120 AND ALL APPLICABLE STATUTES AND STATE-APPROVED REQUIREMENTS.
 8. REPLACE IN KIND ALL AREAS PROPERTY OWNER HAS DEVELOPED SPECIAL GRASS, TURF, OR LANDSCAPING. ALL DISTURBED AREAS ARE TO BE RAKED AND SEEDED.

- SEQUENCE OF ACTIVITIES:**
1. Horry Electric Cooperative shall relocate street light as shown (by Horry Electric).
 2. INSTALL SILT FENCING AS SHOWN TO PREVENT SEDIMENTATION RUNOFF (BY GSWA CONSTRUCTION DEPT.).
 3. CLEAR AND GRUB PARCEL B, ENTIRE 0.12 AC SITE (BY GSWA CONSTRUCTION DEPT.).
 4. REMOVE CURB AT PORTSMITH DRIVE, MUCK 20'x 30' ACCESS AREA, AND PLACE STONE FOR CONSTRUCTION ENTRANCE (BY GSWA CONSTRUCTION DEPT.).
 5. FORM AND POUR CONCRETE PADS FOR ELECTRIC TRANSFORMER AND GENERATOR (BY GSWA TECHNICAL SERVICES DEPARTMENT).
 6. CRANE RENTAL FOR GENERATOR MOVE ONCE ELECTRIC CONDUITS STUBBED FROM BUILDING ELECTRIC SERVICE (COORDINATED BY BETWEEN GSWA O&M AND TECHNICAL SERVICES DEPARTMENTS).
 7. Horry Electric Cooperative shall bore along property a new electric service temporarily from existing pole at road. PERMANENT ELECTRIC SERVICE SHALL BE RECONNECTED TO RELOCATED ELECTRIC DISTRIBUTION LINE ONCE COMPLETED (BY Horry Electric, COORDINATED BY GSWA TECHNICAL SERVICES DEPT.).
 8. INSTALLATION OF TWO 24" PLUG VALVES AS SHOWN ON BIG BLOCK PUMP STATION VALVE INSERTION PLAN (BY OTHERS, BID OUT BY GSWA ENGINEERING DEPT.).
 9. REMOVE OLD ELECTRIC TRANSFORMER PAD (BY GSWA CONSTRUCTION DEPT.).
 10. ROOF DRAINS SHALL BE REDIRECTED TO NEW 8" CORRUGATED HDPE PIPE AS SHOWN TEMPORARILY TO EXISTING ROAD DITCH (BY GSWA CONSTRUCTION DEPT.). PERMANENT DRAINAGE STRUCTURE SHALL BE PROVIDED BY SCDOT WITH HWY 707 WIDENING PROJECT.
 11. REMOVE CONSTRUCTION ACCESS STONE. GRADE ENTIRE SITE UNIFORMLY. INSTALL FILTER FABRIC OVER AREA TO BE ROCKED. INSTALL 8" COMPACTED SABC OVER FABRIC (BY GSWA CONSTRUCTION DEPT.).
 12. INSTALL RAILROAD TIES (BY GSWA CONSTRUCTION DEPT.).
 13. INSTALL 8" HIGH WHITE VINYL FENCE AS SHOWN AROUND GENERATOR FOR SOUND REDUCTION (COORDINATED AND BID OUT BY GSWA O&M DEPT.).
 14. REMOVE SILT FENCING AFTER INSTALLATION OF 24" PLUG VALVES ARE INSTALLED AND SITE IS STABILIZED (BY GSWA CONSTRUCTION DEPT.).

- SPECIAL NOTES FOR 24" PLUG VALVE INSTALLATION:**
1. CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION WITH GSWA INSPECTIONS, ENGINEERING AND OPERATIONS DEPARTMENTS. GSWA WILL PROVIDE THE TWO (2) 24" MJ PLUG VALVES ONLY. ALL OTHER MATERIALS AND LABOR TO BE PROVIDED BY THE SELECTED CONTRACTOR.
 2. CONTRACTOR SHALL INSTALL PLUG VALVES AS SHOWN. SUCTION AND DISCHARGE LINES HAVE BETWEEN 3' AND 4' OF COVER. NIGHTTIME INSTALLATION MAY BE REQUIRED DEPENDENT ON OPERATIONAL CONDITIONS AT TIME OF WORK.



DATE	
BY	
REVISION	



**BIG BLOCK P.S. #253
SITE CHANGES FOR
SC HWY 707 WIDENING
(S.C. HWY. 707 AND PORTSMITH DRIVE)**

DESIGNED BY		ROBERT PERKINS
CHECKED BY		JASON POSTON
APPROVED BY		Christina S. Everett
DATE: JANUARY 2012		
SCALE: 1" = 10 FEET		
FILENAME: Big Block P.S. site plan additonal		
SHEET 1 OF 2		