

**DEMOLITION NOTES**

- CONTRACTOR IS TO FIELD VERIFY EXISTING UTILITY LOCATIONS AND ELEVATIONS PRIOR TO DEMOLITION. SOME UTILITIES MAY NOT BE SHOWN.
- ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO DEMOLITION.
- CONTRACTOR SHALL COORDINATE A RELEASE FROM THE WATER, SEWER, ELECTRIC, GAS AND DATA CABLE COMPANIES PRIOR TO DEMOLITION.
- NO WATER IS TO BE USED FROM A FIRE HYDRANT FOR DUST CONTROL WITHOUT A WATER METER, A BACKFLOW PREVENTER AND WATER DEPARTMENT APPROVAL.
- ALL ADJOINING PUBLIC AND PRIVATE PROPERTY SHALL BE PROTECTED FROM DAMAGE CAUSED BY THE SITE DEMOLITION AND CONSTRUCTION.
- ALL WASTE MATERIALS SHALL BE REMOVED IN A MANNER THAT PREVENTS INJURY OR DAMAGE TO PERSONS, ADJOINING PROPERTIES, AND/OR RIGHT-OF-WAYS.
- ALL WASTE MATERIALS SHALL BE DISPOSED OF OFFSITE IN AN APPROVED FACILITY.
- THE SITE SHALL BE GRADED TO PREVENT THE ACCUMULATION OF WATER OR DAMAGE TO ANY FOUNDATIONS ON THE PREMISES OR ADJOINING PROPERTY.
- CONTRACTOR SHALL PROTECT ALL EXISTING TREES AND SHRUBS NOT INDICATED FOR REMOVAL. SOME EXISTING TREES AND SHRUBS MAY NOT BE SHOWN ON THE PLANS.
- ALL QUANTITIES SHOWN HEREON ARE FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS TO VERIFY ALL QUANTITIES RELATED TO CONSTRUCTION.
- REFER TO GRADING AND EROSION CONTROL PLANS, NOTES AND DETAILS FOR EROSION CONTROL MEASURES.
- PRIOR TO COMMENCING ANY DEMOLITION AND/OR CONSTRUCTION ACTIVITIES ON THE PROJECT WHICH MAY IN ANY WAY CREATE INVOLVEMENT WITH EXISTING PUBLIC UTILITIES, THE CONTRACTOR SHALL CONTACT THE UTILITY OR COMPANY INVOLVED. ADJUSTMENT OF ANY PUBLIC UTILITIES WITHIN THIS PROJECT AREA WILL BE DONE BY THE RESPECTIVE OWNERS OF SAID UTILITIES AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE.

**EROSION CONTROL NOTES**

- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE PRIOR TO START OF CONSTRUCTION.
- EARTHWORK CONTRACTOR SHALL MAINTAIN POSITIVE SITE DRAINAGE DURING CONSTRUCTION.
- EARTHWORK CONTRACTOR IS RESPONSIBLE FOR DUST CONTROL.
- EARTHWORK CONTRACTOR IS RESPONSIBLE FOR MAINTAINING CLEAN PUBLIC ROADWAYS, FREE OF DIRT AND DEBRIS AT ALL TIMES.
- OTHER EROSION CONTROL MEASURES SHALL BE IMPLEMENTED SHOULD AN INSPECTION OF THE SITE INDICATE A DEFICIENCY.
- AREAS REACHING SUBSTANTIAL COMPLETION OF GRADING AND TOPSOIL PLACEMENT OPERATIONS SHALL BE PERMANENTLY SEEDS OR OTHERWISE LANDSCAPED WITHIN 14 DAYS FROM THE SUSPENSION OR COMPLETION OF GRADING AND TOPSOIL OPERATIONS.
- SECONDARY CONTAINMENT SHALL BE REQUIRED FOR ANY BULK FUEL STORAGE THAT REMAINS ON-SITE FOR A PERIOD LONGER THAN 7 CALENDAR DAYS.
- CONTAINMENT MEASURES SHALL BE REQUIRED FOR GENERATORS, PUMPS, MIXERS AND OTHER NON-ELECTRIC POWERED EQUIPMENT THAT ARE TO BE STATIONED FOR LONGER THAN 24 HOURS.
- EROSION CONTROL BLANKET SHALL BE PROVIDED IN ALL GRASSED AREAS WITH SIDE SLOPES OF 3:1 OR STEEPER.
- ALL PROPOSED GRASS AREAS SHALL BE DRESSED WITH A MINIMUM OF 6"/12" OF TOPSOIL.

**GRADING NOTES**

- ALL SPOT ELEVATIONS ARE THE TOP OF PAVEMENT OR FINISHED GRADE ELEVATIONS UNLESS LOCATED ELSEWHERE.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE PRIOR TO START OF CONSTRUCTION.
- CONTRACTOR SHALL MAINTAIN POSITIVE SITE DRAINAGE DURING CONSTRUCTION.
- ALL PROPOSED GRADES SHALL MATCH EXISTING GRADES AT THE PROPERTY LINE.
- SEE SPECIFICATIONS FOR SUBGRADE AND STRUCTURAL FILL COMPACTION REQUIREMENTS.
- THE CROSS SLOPE ON ALL SIDEWALKS SHALL NOT EXCEED 1.5%.
- DRIVEWAY SLOPES SHALL BE BETWEEN 1% AND 9% IF THE DRIVEWAY LAYOUT OR LOCATION IS ALTERED, THE SLOPE SHALL BE CHECKED FOR SLOPE LIMITS.
- PROPOSED RETAINING WALLS SHALL BE DESIGNED BY A GEORGIA LICENSED STRUCTURAL ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE STRUCTURAL DESIGN.
- RETAINING WALL TYPE AND COLOR SHALL BE APPROVED BY THE OWNER AND ARCHITECT PRIOR TO CONSTRUCTION.
- REFER TO ARCHITECTURAL PLANS FOR RAILING AND STAIRS DETAILS.

**ADA GRADING NOTES**

- ALL SIDEWALKS INTERSECTING WITH CURBS SHALL BE CONSTRUCTED WITH HANDICAP ACCESSIBLE CURB RAMPS UNLESS OTHERWISE NOTED. SEE DETAIL FOR HANDICAP CURB RAMP CONSTRUCTION.
- ALL HANDICAP ACCESSIBLE CURB RAMPS SHALL BE CONSTRUCTED WITH DETECTABLE WARNING SURFACES. SEE DETAIL FOR DETECTABLE WARNING SURFACE CONSTRUCTION.
- CROSS SLOPE WITHIN HANDICAP ACCESSIBLE ROUTE SHALL NOT EXCEED 2%. HANDICAP ACCESSIBLE ROUTE DEDICATED BY:
- THE CROSS SLOPE ON ALL SIDEWALKS SHALL NOT EXCEED 2%.

**GEOMETRIC NOTES**

- ALL DIMENSIONS ARE FROM BACK OF CURB OR OUTSIDE FACE OF BUILDING UNLESS NOTED OTHERWISE.
- INSTALL REVERSE PITCH CURB AND GUTTER AT EDGE OF PAVEMENT AS NEEDED TO PREVENT STANDING WATER.
- ALL PAVEMENT MARKINGS SHALL BE 4" PAINT CONFORMING TO MUNICIPAL STANDARDS, UNLESS NOTED OTHERWISE, OR AS PROVIDED FOR IN THE DETAILS.
- THE CROSS SLOPE ON ALL SIDEWALKS SHALL NOT EXCEED 2%.
- ALL SIDEWALKS INTERSECTING WITH CURBS SHALL BE CONSTRUCTED WITH HANDICAP RAMPS.
- STAIR AND DOORWAY LOCATIONS ARE SHOWN FOR REFERENCE ONLY. REFER TO THE ARCHITECTURAL PLANS FOR DETAILS.
- ALL EXISTING MAILBOXES TO BE REPLACED AT EACH RECONSTRUCTED DRIVEWAY.
- ALL LOT DIMENSIONS, SETBACK LINES, EASEMENTS, ETC., SHOWN ARE APPROXIMATE. SEE PLAN OF SUBDIVISION FOR EXACT DIMENSIONS.
- ALL SIDEWALKS SHALL BE BROOM-FINISHED CONCRETE WITH 4" TROWEL EDGE ALONG EDGES AND JOINTS.

**STANDARD SPECIFICATIONS**

- UNLESS OTHERWISE SPECIFICALLY SET FORTH HEREIN OR IN THE CITY OF CHAMBLEE STANDARD DRAWINGS, ALL OF THE MATERIALS, METHODS OF THE CONSTRUCTION AND WORKMANSHIP FOR THE WORK COVERED IN REFERENCE TO STORMWATER CONVEYANCE FACILITY CONSTRUCTION SHALL CONFORM TO THE MOST RECENT STANDARD SPECIFICATIONS OF THE GEORGIA DEPARTMENT OF TRANSPORTATION (GEORGIA DOT).
- ALLOWABLE PIPE MATERIAL FOR ALL APPLICATIONS IN DRAINAGE EASEMENTS AND PUBLIC STREET RIGHTS-OF-WAY, EXCEPT AS SPECIFIED BELOW, ARE ALUMINUM COATED (TYPE 2) CORRUGATED STEEL PIPE (ASP), CORRUGATED ALUMINUM ALLOY PIPE, SMOOTH LINED CORRUGATED POLYETHYLENE PIPE (PE), OR REINFORCED CONCRETE PIPE (RCP). USAGE IS SUMMARIZED IN THE TABLE BELOW TITLED PIPE MATERIAL ALTERNATIVES. ALLOWABLE PIPE MATERIALS ARE INDICATED BY AN "X" IN THE TABLE.
- FOR ROADS CONSTRUCTED WITH PUBLIC FUNDS, EITHER WHOLLY OR IN PART, OR ROADS CLASSIFIED AS MAJOR THOROUGHFARES, MATERIALS WHICH MEET THE GEORGIA DOT DESIGN STANDARDS SHALL BE USED UNLESS AN ALTERNATIVE IS SPECIFICALLY APPROVED BY THE CITY OF CHAMBLEE.
- ONLY REINFORCED CONCRETE PIPE (RCP) SHALL BE USED FOR ALL DAMS UNLESS THE GEORGIA SAFE DAMS PROGRAM REQUIRES ANOTHER MATERIAL. ONLY RCP SHALL BE USED FOR PIPES CARRYING LIVE STREAMS.
- THE DIRECTOR OF THE DEPARTMENT OF WATER RESOURCES (CITY OF CHAMBLEE) OR THEIR DESIGNEE MAY APPROVE A VARIANCE FOR USE OF AN ALTERNATIVE PIPE MATERIAL.

**MINIMUM PIPE AND PIPE COATING REQUIREMENTS**

- THE TYPE OF PIPE MATERIAL USED SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS DENOTED ABOVE.
- REINFORCED CONCRETE PIPE SHALL BE MANUFACTURED IN NOT LESS THAN 8 FOOT JOINT LENGTHS. ALL JOINTS SHALL BE BELL AND SPIGOT TYPE, WITH A RUBBER GASKET CONFORMING TO ASTM C-443. PIPE SHALL BE MANUFACTURED IN ACCORDANCE WITH ASHTO M-170 AND/OR ASTM C-76. CLASS OF PIPE AND WALL THICKNESS SHALL BE IN ACCORDANCE WITH GEORGIA DOT STANDARD 1030-D, TABLE NO.1.
- ALUMINUM COATED (TYPE 2) STEEL PIPE SHALL COMPLY WITH ASHTO M-274 FOR THE COATING AND ASHTO M-36 FOR THE PIPE FABRICATION. ALUMINUM ALLOY PIPE SHALL COMPLY WITH ASHTO M-196 AND ASHTO M-197. POLYMER PRECOAT STEEL PIPE SHALL COMPLY WITH ASHTO M-245 AND ASHTO M-248.
  - SEE GEORGIA DOT STANDARD 1030-D, TABLES 1 AND 1R FOR THE MINIMUM ACCEPTABLE COMBINATIONS OF GAGES, DIMETERS, AND CORRELATION CORRELATIONS FOR CORRUGATED ALUMINUM ALLOY PIPE AND PIPE ARCHES, AND FOR CORRUGATED ALUMINUM COATED STEEL PIPE AND PIPE ARCHES. HOWEVER, THE MINIMUM PIPE THICKNESS SHALL BE 14 GAGE.
  - THE FOLLOWING ENVIRONMENTAL DAMAGES SHALL BE ALLOWED FOR ALUMINIZED TYPE 2 CSP:
    - 4.5 < PH < 9.0 WITH SOIL RESISTIVITY > 5,000 OHM-CM
    - 5.0 < PH < 9.0 WITH SOIL RESISTIVITY > 1,500 OHM-CM
  - IF THE NIOS SOIL SURVEY OF CITY OF CHAMBLEE SHOWS A POTENTIAL FOR SOILS WITH A PH < 5 ANYWHERE ON THE SITE, CITY OF CHAMBLEE MAY REQUIRE PH AND SOIL RESISTIVITY TESTING. IF REQUIRED, TESTS ARE TO BE COMPLETED BY AN INDEPENDENT TESTING FIRM AT THE CONTRACTOR/DEVELOPER'S EXPENSE. ALL TESTING TO BE IN ACCORDANCE WITH ASTM G51 FOR PH AND ASTM G57 FOR SOIL RESISTIVITY.
- EACH END OF EACH PIPE SECTION TO BE JOINED BY A COUPLING BAND SHALL HAVE A MINIMUM OF TWO ANNUULAR CORRUGATIONS. COUPLING BANDS SHALL BE SO CONSTRUCTED TO LAP ON AN EQUAL PORTION OF EACH OF THE PIPE SECTIONS TO BE THE CONNECTING BANDS SHALL HAVE A MINIMUM OF TWO ANNUULAR CORRUGATIONS AND FULLY ENGAGE, OVER THE ENTIRE PIPE PERIPHERY, ONE CORRUGATION OF EACH PIPE. BANDS SHALL BE FABRICATED FROM THE SAME MATERIAL AS THE PIPE. THE MINIMUM GAGE GAUGES FOR ALUMINUM PIPE AND ALUMINIZED PIPE SHALL BE AS SPECIFIED IN ASHTO M-196, SECTION 9, AND ASHTO M-36, SECTION 9, RESPECTIVELY.
- GASKETS MAY BE REQUIRED AS DETERMINED BY THE COUNTY IN THE FIELD, AND SHALL BE EITHER SLEEVE TYPE OR O-RING TYPE AND SHALL MEET THE REQUIREMENTS FOR GASKETS AS SPECIFIED IN ASHTO M-36, SECTION 9.5.
- STRUCTURAL PLATE DRAINAGE STRUCTURES SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER IN GEORGIA AND CONFORM TO THE REQUIREMENTS OF ASHTO M-219.
- SMOOTH INTERIOR CORRUGATED HIGH DENSITY POLYETHYLENE PIPE.
  - HIGH DENSITY POLYETHYLENE PIPE SHALL BE CORRUGATED WITH AN INTERIALLY FORMED SMOOTH INTERIOR (HDEP).
  - THIS PIPE SHALL CONFORM TO THE REQUIREMENTS OF ASHTO M-274, TYPES 1 AND 2.
  - JOINTS SHALL BE AS RECOMMENDED BY THE MANUFACTURER AND APPROVED BY THE COUNTY.
  - CONNECTIONS SHALL CREATE A SOIL TIGHT JOINT WITH A MINIMUM AND SHALL USE A RUBBER GASKET, WHICH CONFORMS TO ASTM F-477.
  - INSTALLATION SHALL BE IN ACCORDANCE WITH GOOD STANDARD DETAIL 1030-0.6.6. APPROVAL DIAMETER OF THE BARREL SHALL NOT BE REDUCED TO LESS THAN 5% OF ITS BASE INSIDE DIAMETER WHEN MEASURED NOT LESS THAN 2 FEET FROM THE END OF INSTALLATION.
- CERTIFICATION FROM THE MANUFACTURER THAT THE PIPE WAS MANUFACTURED, TESTED, AND SUPPLIED IN ACCORDANCE WITH THE SPECIFICATIONS SHALL BE FURNISHED TO THE COUNTY UPON REQUEST.

**PIPE INSTALLATION**

REINFORCED CONCRETE PIPE, CORRUGATED ALUMINUM ALLOY PIPE, CORRUGATED ALUMINUM COATED STEEL PIPE AND SMOOTH LINED CORRUGATED POLYETHYLENE PIPE SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 505 OF THE GEORGIA DOT STANDARD SPECIFICATIONS CONSTRUCTION OF TRANSPORTATION SYSTEMS.

**BEDDING**

- ALL PIPE STRUCTURES SHALL BE PLACED ON STABLE EARTH OR FINE GRANULAR FOUNDATION, THE CHARACTERISTICS OF WHICH WOULD BE EXPECTED TO PROVIDE LONG-TERM STABILITY. IN ALL LIVE STREAM PIPE INSTALLATIONS, IN AREAS OF LOW BEARING SOIL OR NON-UNIFORM FOUNDATIONS, IN AREA WHERE ROCK IS ENCOUNTERED AT THE FOUNDATION LEVEL, OR IN OTHER LOCATIONS WHERE CONDITIONS WARRANT, A MINIMUM OF 6" OF CRUSHED STONE BEDDING IS REQUIRED, (MAXIMUM SIZE OF STONE SHALL BE 3/4"). GEOTEXTILES OR GEORIGS MAY ALSO BE REQUIRED BY THE COUNTY IN PROBLEM AREAS.

**BACKFILL**

- BACKFILL ON ALL PIPE INSTALLATIONS SHALL BE CONSTRUCTED USING FOUNDATION BACKFILL MATERIAL TYPE I OR TYPE II, AS SPECIFIED IN SECTION 812.01 AND 812.02 RESPECTIVELY, IN GEORGIA DOT STANDARD SPECIFICATIONS CONSTRUCTION OF TRANSPORTATION SYSTEMS. THESE MATERIALS SHALL BE PLACED IN LAYERS OF NOT MORE THAN SIX INCHES LOOSE COMPACTION OF THESE MATERIALS SHALL BE ACCOMPLISHED BY HAND TAMPING OR MACHINE TAMPING. REQUIRED COMPACTION LEVELS ARE AS FOLLOWS:
  - BACKFILL WITHIN ALL STREET RIGHTS-OF-WAY SHALL BE COMPACTED TO 95% MAXIMUM DENSITY, TESTED USING THE ASHTO METHOD T-99 OR ASTM D-698.
  - BACKFILL IN ALL OTHER AREAS SHALL BE COMPACTED TO 85% MAXIMUM DENSITY, TESTED USING THE ASHTO METHOD T-99 OR ASTM D-698.

**BEDDING AND BACKFILL DETAIL**

- TRENCH CONSTRUCTION, BEDDING AND BACKFILL SHALL BE IN ACCORDANCE WITH GEORGIA DOT STANDARD 1030-D FOR RCP AND METAL PIPES AND 1030-P FOR HDPE. HDPE NOT INSTALLED UNDER PAVEMENT OF COUNTY-MAINTAINED ROADS MAY FOLLOW THE BEDDING REQUIREMENTS FOR SIDE DRAIN (DRIVEWAY) INSTALLATIONS SHOWN ON GEORGIA DOT STANDARD 1030-P.

**INSPECTION AND TESTING**

- THE CITY OF CHAMBLEE INSPECTOR WILL MAKE PERIODIC JOB SITE VISITATIONS WITHOUT ADVANCE NOTICE TO THE CONTRACTOR. HOWEVER, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE INSPECTOR DURING EACH PHASE OF THE INSTALLATION FOR INSPECTIONS AND OR RE-INSPECTIONS.
- COMPACTION TESTING SHALL BE COMPLETED BY AN APPROVED INDEPENDENT GEOTECHNICAL FIRM LISTED ON THE CITY OF CHAMBLEE AUTHORIZED GEOTECHNICAL TESTING FIRMS LIST AT THE CONTRACTOR/DEVELOPER'S EXPENSE. THE CONTRACTOR MUST MAINTAIN A GEOTECHNICAL ENGINEER ON-SITE DURING ALL STORM SEWER PIPE INSTALLATION TO ENSURE PROPER COMPACTION AND BACKFILL. THE FREQUENCY OF TESTING SHALL BE A MINIMUM OF ONE TEST PER 500 CUBIC YARDS OF MATERIAL PLACED, OR ONE TEST PER SECTION OF PIPE FROM STRUCTURE TO STRUCTURE. EACH COMPACTION TEST WILL INCLUDE TESTING OF EACH 8-INCH LIFT TO FINAL GRADE. COPIES OF COMPACTION TESTS SHALL BE MADE AVAILABLE TO CITY OF CHAMBLEE DEPARTMENT OF WATER RESOURCES PRIOR TO APPROVAL OF AS-BUILT DRAWINGS.

**CONSTRUCTION LOADS AND MINIMUM COVERS**

- IF DRAINAGE PIPE IS INSTALLED PRIOR TO THE COMPLETION OF GRADING, A MINIMUM OF 4 FEET OF FILL SHOULD BE PROVIDED WHERE NEEDED TO ADEQUATELY PROTECT THE DRAINAGE STRUCTURE DURING DEVELOPMENT PHASE, UNLESS THE STRUCTURE ITSELF IS DESIGNED TO WITHSTAND THE ANTICIPATED LIVE LOADS DURING CONSTRUCTION.

**END FINISH**

- HEADWALLS OR OTHER END TREATMENTS ARE REQUIRED ON ALL CULVERTS (EXCEPT UNDER RESIDENT DRIVEWAYS) AND AT THE OUTLET OF ALL PIPED COLLECTION SYSTEMS.
  - HEADWALLS ARE TO BE PRECAST CONCRETE, STONE MASONRY WITH PRECAST CONCRETE FOOTINGS POURED-IN-PLACE REINFORCED CONCRETE WITH REBAR. PRECAST CONCRETE HEADWALLS FOR CORRUGATED ALUMINUM COATED STEEL PIPE OR ALUMINUM ALLOY PIPE SHALL BE MADE WITH ALUMINUM COATED STEEL OR ALUMINUM ALLOY PIPE STUDS.
  - END TREATMENTS THAT CONFORM TO THE SLOPE MAY BE PRE-CAST CONCRETE AND SMOOTH ALUMINUM COATED STEEL OR ALUMINUM ALLOY END SECTIONS/MASONRY, PE END SECTIONS/REINFORCED POURED-IN-PLACE SOLID CONCRETE, PRECAST CONCRETE AND METAL FLARED END SECTIONS SHALL CONFORM TO GEORGIA DOT STANDARD 1030-D, TABLE NO. 11.20.

**UTILITY STRUCTURES**

- SHALL USE METAL MANHOLE FRAMES AND COVERS FOR ACCESS LADDER MUST LINE UP WITH THE MANHOLE COVER TO ENSURE ACCESSIBILITY.
- ALL UTILITY STRUCTURE FACILITIES SHALL BE ENGRAVED IN ACCORDANCE WITH THE CITY OF CHAMBLEE STANDARD DRAWINGS.
- MANHOLE COVERS MUST BE ACCESSIBLE AND SHALL NOT BE BURIED OR PAVED OVER.
- MAXIMUM ALLOWABLE INVERT DROP IN A STORMWATER MANHOLE OR JUNCTION BOX SHALL BE 10 FEET.

**OTHER STRUCTURES**

- NATURAL BOTTOM ARCHES AND BOX CULVERTS MAY BE USED IN ACCORDANCE WITH THE LATEST STANDARD SPECIFICATIONS OF THE GEORGIA DEPARTMENT OF TRANSPORTATION.

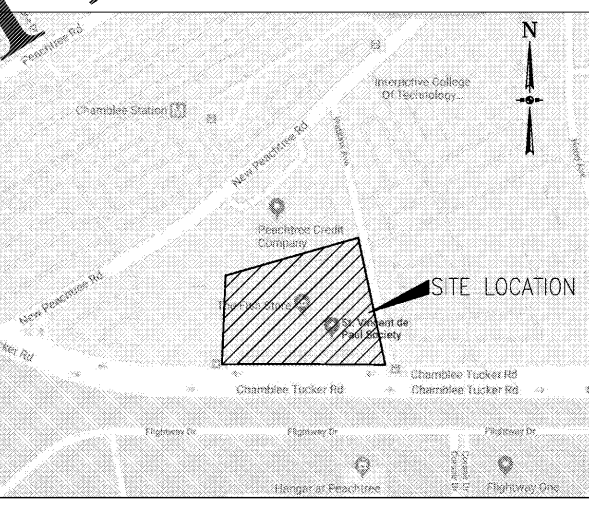
**FINAL ACCEPTANCE**

- AS-BUILT DRAWINGS MUST BE SUBMITTED, REVIEWED AND APPROVED PRIOR TO APPROVAL OF A FINAL PLAT OR ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
- AS-BUILT DRAWINGS MUST BE DRAWN TO SCALE, LEGIBLE AND SUITABLE FOR SCANNING.
- AS-BUILT DRAWINGS MUST INCLUDE A SITE PLAN, PROFILES, AND PERMANENT EASEMENTS AND INCLUDE ANY FIELD CHANGES NOT SHOWN ON THE ORIGINAL APPROVED PLANS.
- AS-BUILT DRAWINGS SHALL BE SEALED BY A GEORGIA REGISTERED PROFESSIONAL ENGINEER, REGISTERED LAND SURVEYOR OR REGISTERED LANDSCAPE ARCHITECT.
- UPON FINAL APPROVAL OF AS-BUILT DRAWINGS AND CONSTRUCTION INSPECTIONS THE CONTRACTOR/DEVELOPER MAY REQUEST FINAL INSPECTION. THE CONTRACTOR/DEVELOPER SHALL ALLOW UP TO 21 CALENDAR DAYS FOR FINAL INSPECTIONS AFTER THE PROJECT FINAL INSPECTION REQUEST IS SUBMITTED BY THE OWNER INSPECTOR. IN THE EVENT THAT GCDWR IS UNABLE TO PERFORM THE FINAL INSPECTION WITHIN 21 CALENDAR DAYS, CONTRACTOR/DEVELOPER HAS THE OPTION TO HAVE CCTV RECORDING PERFORMED AT CONTRACTOR'S / DEVELOPER'S EXPENSE BY A FIRM LISTED ON A PRE-QUALIFIED CCTV INSPECTION CONTRACTOR LIST. ANY DEFECTS DISCOVERED BY GCDWR INSPECTION OF THE CCTV RECORDING MUST BE CORRECTED IMMEDIATELY IN ORDER TO RECEIVE FINAL INSPECTION APPROVAL.
- FINAL INSPECTION, INCLUDING CCTV INSPECTION SHALL BE PERFORMED AFTER COMPLETION OF ALL ACTIVITIES THAT MAY DAMAGE THE PIPE BUT PRIOR TO PLACEMENT OF BASE, PAVING OR LANDSCAPING OVER OR NEAR THE PIPE.
- THE FINAL INSPECTION WILL BE PERFORMED BY GCDWR AT THE CONTRACTOR/DEVELOPER'S EXPENSE AND KEPT BY GCDWR RECORDS. INITIAL PAYMENT FOR FINAL INSPECTION FEES SHALL BE PAID BY THE DEVELOPER OR HIS ASSIGNS IN ADVANCE AT THE TIME OF PROJECT PLAN APPROVAL AND AT A RATE AS ESTABLISHED BY THE GCDWR DIRECTOR. FOLLOWING ANY CORRECTIONS OF DISCREPANCIES, THE LINES AND STRUCTURES WILL BE RE-INSPECTED. ADDITIONAL FEES, AS DETERMINED BY THE GCDWR DIRECTOR, WILL BE ASSESSED. THESE FEES MUST BE PAID PRIOR TO THE PROJECT BEING ISSUED A "PASS" FINAL INSPECTION REPORT.
- THE REQUIREMENTS IN GOOD 550.3.0.6.D, GOOD 550.3.0.6.E, OR GOOD 550.3.0.6.F WILL BE USED TO DETERMINE IF THE PIPE IS ACCEPTABLE OR IF RECONSTRUCTION OR REPLACEMENT MUST BE COMPLETED PRIOR TO APPROVAL OF FINAL PLAT OR ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

**GENERAL NOTES**

- THE DISTURBED AREA OF THE SITE IS LESS THAN 1.0 ACRE. NO IMPACT PERMIT IS REQUIRED.
- THE CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY AND TRAFFIC, MEANS AND METHODS OF CONSTRUCTION.
- COMPLY WITH APPLICABLE STATE, FEDERAL, AND LOCAL CODES AND OBTAIN ALL NECESSARY LICENSES AND PERMITS.
- VERIFY BENCHMARKS; SEE SITE SURVEY BY OTHERS.
- NEARBY BUILDING DIMENSIONS FROM ARCHITECTURAL DRAWINGS FOR FIELD STAKING.
- PROVIDE AND MAINTAIN OFF-STREET PARKING THROUGHOUT CONSTRUCTION IN AREAS DESIGNATED BY THE OWNER.
- FIELD VERIFY LOCATION AND INVERTS OF EXISTING SANITARY SEWER FOR CONNECTION TO EXISTING SEWER SYSTEM.
- PROVIDE SIGNING AND STRIPING ACCORDING TO LOCAL JURISDICTION SPECIFICATIONS.
- PERFORM ALL WORK IN A FINISHED AND WORKMANLIKE MANNER TO THE ENTIRE SATISFACTION OF THE OWNER AND IN ACCORDANCE WITH THE BEST RECOGNIZED TRADE PRACTICES.
- THE UTILITIES SHOWN ARE SHOWN FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES THAN THOSE SHOWN ON THESE PLANS. THE CONTRACTOR ASSUMES NO RESPONSIBILITY FOR THE LOCATION, DEPTH, VERIFY THE LOCATIONS OF ALL UTILITIES WITHIN THE LIMITS OF THE WORK, REPAIR ALL DAMAGES MADE TO EXISTING UTILITIES AT NO COST TO THE OWNER.
- CALL UTILITIES PROTECTION CENTER 811.
- THE SOILBURY INFORMATION ON THESE PLANS IS TAKEN FROM FIELD SURVEYS PREPARED BY JACOB & HEFNER.
- THE TOPOGRAPHIC INFORMATION ON THESE PLANS IS TAKEN FROM SURVEYS PREPARED BY JACOB & HEFNER.
- PERFORM ALL WORK IN THE CITY OF CHAMBLEE, DEKALB COUNTY, STATE OF GEORGIA, AND FEDERAL RIGHTS-OF-WAY IN STRICT CONFORMANCE WITH APPLICABLE STANDARDS AND SPECIFICATIONS OF THE APPROPRIATE GOVERNING AGENCY.
- PROVIDE NECESSARY BARRICADES, SUFFICIENT LIGHTS, SIGNS AND OTHER TRAFFIC CONTROL METHODS AS MAY BE NECESSARY WITHIN THE RIGHT-OF-WAY FOR THE PROTECTION AND THE SAFETY OF THE PUBLIC AND WORKERS THROUGHOUT CONSTRUCTION.
- UNLESS INDICATED OTHERWISE ON THE PLANS, REMOVE AND DISPOSE OF ALL EXISTING IMPROVEMENTS, TREES AND OTHER OBSTACLES WITHIN THE LIMITS OF THE WORK, FROM THE SITE AND DISPOSE OF IN AN APPROVED LANDFILL. NOTIFY BARRY WATKINS MATERIALS ON SITE.
- FURNISH AND MAINTAIN ANY AND ALL NECESSARY BARRICADES AROUND THE WORK AND PROVIDE PROPER ADEQUATE WATER DRAINAGE AND SOIL EROSION.
- NOTIFY INSPECTOR 24 HOURS PRIOR TO CONSTRUCTION.
- INSTALL ALL APPROPRIATE TREE PROTECTION MEASURES PRIOR TO GRADING.
- VERIFY EXISTING TOPOGRAPHIC DATA, LOCATIONS OF EXISTING UTILITIES AND ALL CONDUIT PENETRATIONS PRIOR TO BEGINNING CONSTRUCTION.
- CUT AND FILL SLOPES TO BE MAX 2:1 (SEE DETAIL).
- GRASS AND RIP RAP ALL OPEN AREAS. STAKES NECESSARY TO CONTROL EROSION.
- STOP AND STOCKPILE ALL EXCESS SOILS OF THE PROJECT. EXCESS SOILS ARE TO BE EXCESS TOPSOIL FROM SITE. PREPARE SUB GRADE, FILL AND FINISH WITHIN ALL CURBS AFTER CURB CONSTRUCTION.
- PROVIDE SURFACE TOPSOIL FOR LANDSCAPING CONTRACTOR FOR INSTALLATION IN ALL LANDSCAPE ISLANDS.
- PROVIDE SLOTTED CURBS TO BE INSTALLED TO INCLUDE PAVEMENT SHOULDERS AND DETENTION AND STORAGE CAPACITY TO STORE RUNOFF.
- CONFORM OFF-SITE CONDITIONS TO STATE RIGHTS OF WAY AND EASEMENTS.
- CONNECT TO EXISTING UTILITIES AND INSTALL UTILITIES IN CONFORMANCE WITH APPLICABLE JURISDICTIONAL AGENCIES REQUIREMENTS.
- COORDINATE WITH BUILDING PLANNING PLANS TO ASSURE UTILITY CONNECTIONS AND COMPLY WITH LOCAL CODE.
- INSTALL VALVES IN HEAVY DUTY RAINWAY VALVE BOXES FOR ALL WATER VALVES.
- COMPLETION OF SEWER AND WATER CONSTRUCTION, SET ALL MANHOLES, VALVE BOXES, METERS AND APPURTENANCES FOR PROPER FINISH GRADE. NOTIFY STATE AND FLAG. SITE UTILITY SUBSCRIPTION SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE ABOVE ITEMS UNTIL SYSTEM IS ACCEPTED BY OWNER.
- DEVIATIONS FROM THESE PLANS AND NOTES WITHOUT PRIOR CONSENT OF THE OWNER OR HIS REPRESENTATIVE MAY CAUSE THE WORK TO BE UNACCEPTABLE.
- THE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO COVER A COMPLETE PROJECT. READY TO USE FINISH AND INSTALL ALL ITEMS NECESSARY FOR A COMPLETE AND WORKABLE JOB.
- CHECK ALL BUILDING DIMENSIONS AND COORDINATE WITH THE ARCHITECTURAL PLANS.
- PAINT PRECISE MARKING, INCLUDING STANDARD HANDICAP SYMBOLS, PARKING STRIPING AND TRAFFIC MARKINGS ON PAVEMENT AT LOCATIONS SHOWN. SEE PAVEMENT MARKING DETAIL.
- PROVIDE DELINEATION AT LOCATIONS SHOWN AND AROUND TRANSFORMERS, GAS METERS, AND OTHER UTILITIES IN VULNERABLE TRUCK AREAS. COORDINATE WITH ARCHITECT AND CIVIL ENGINEER FOR EXACT LOCATION.
- INSTALL SEWER/STORM AND EROSION CONTROL MEASURES PRIOR TO CLEANING, GRADING AND DEMOLITION WORK. MAINTAIN ALL SEWER/STORM AND EROSION CONTROL MEASURES UNTIL ACCEPTANCE OF THE SITE BY THE INSPECTOR.
- ALL WORK SHALL CONFORM WITH THE CITY OF CHAMBLEE AND DEKALB COUNTY REQUIREMENTS.

PROPOSED	DESCRIPTION	EXISTING	DESCRIPTION
	STORM SEWER		UTILITY POLE WITH OVERHEAD LINES AND CITY UNDERGROUND ELECTRIC
	WATER MAIN WITH SIZE		TREE LINE
	SANITARY SEWER		SANITARY SEWER MANHOLE
	RIGHT-OF-WAY		STORM DRAIN PIPE WITH HEADWALL
	842 SPOT GRADE		DOUBLE MAN CATCH BASIN
	502.25 SPOT GRADE		SINGLE MAN CATCH BASIN
	MANHOLE		JUNCTION BOX
	STORM MANHOLE		DROP INLET
	STORM INLET		SANITARY SEWER LINE
	STORM CATCH BASIN		GAS LINE
	FIRE HYDRANT		FORCE MAIN
	PRESSURE CONNECTION		FIBER OPTIC
	GATE VALVE W/VALVE		FENCE
	PEDESTRIAN LIGHT		TOP OF BANK
	STREET LIGHT		CENTERLINE
	CURB & GUTTER		TRAFFIC POLE
	SILT FENCE		POWER POLE
	ROAD SIGN		PEDESTRIAN LIGHT
	UNDERGROUND ELECTRIC		TELEPHONE BOX OR CABLE TO BOX
	UNDERGROUND GAS		ELECTRICAL TRANSFORMER BOX
	UTILITY POLE		SIGN
	TOP OF FOUNDATION		FIRE HYDRANT
	GARAGE FLOOR, AT REAR OF GARAGE		WATER VALVE
	TOP OF CURB, DEPRESSED		WATER METER
	TOP OF RETAINING WALL		WELL
	RIM FOR STRUCTURES		MONITORING WELL
	RISER FOR SANITARY SERVICE		GAS VALVE
	HIGH/NORMAL WATER LEVEL		LABORED PROPANE GAS
	TRANSFORMER		REBAR PW SET
	FENCE LINE		REBAR
	GUARD RAIL		CONCRETE
	FORCE MAIN		REBAR PW FOUND
	UNDERGROUND TELEPHONE		OPEN TOP PIPE FOUND
	UNDERGROUND ELECTRIC		4" W/ MOVEMENT FOUND
	OVERHEAD ELECTRIC		HARDWOOD TREE
	GAS LINE		PINE TREE
			ORNAMENTAL TREE
			LANDSCAPE TREE LINE



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**GENERAL NOTES**

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