

C:\151031 - Calhoun GA 175 exit 310@Union Glen MCD\Design\151031.dwg, 5/22/2018 2:33:00 PM, jessie, copyright Resource Consulting, LLC

Know what's below. Call before you dig.



Order Plans

GENERAL NOTES

- ALL WORK SHALL COMPLY WITH CALHOUN CODE OF ORDINANCES.
- ALL WORK FOR UTILITY IMPROVEMENTS TO BE OWNED AND MAINTAINED BY THE CITY OF CALHOUN SHALL COMPLY WITH THE CITY SPECIFICATIONS.
- SEE TITLE SHEET FOR CONTACT PERSONS LIST FOR GOVERNING AGENCIES AND UTILITIES.
- PROPERTY AND TOPOGRAPHIC SURVEY WAS PREPARED FOR AND PROVIDED BY THE DEVELOPER FOR USE AS THE BASE MAP IN THIS DESIGN. THE SURVEY IS ASSUMED TO BE FINAL AND COMPLETE. THIS SURVEY WAS PREPARED BY WASSEY SURVEYING INCORPORATED, TELEPHONE (706) 629 0045.
- CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULE, SIDEWALKS, EXIT PORCHES, RAMPS, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS, AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
- CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR EXACT ACTUAL LOCATION OF ALL SERVICES INCLUDING ELECTRICAL, TELEPHONE, AND GAS SERVICE. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS AND ASSURE PROPER DEPTHS ARE ACHIEVED AS WELL AS COORDINATING WITH THE REGULATORY AGENCY AS TO THE LOCATION AND TIE-IN/CONNECTIONS TO THEIR FACILITIES.
- CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING BENCHMARK AND RELOCATING BENCHMARK IF NECESSARY.
- EXISTING UTILITY LINES ARE APPROXIMATE LOCATION ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LINE LOCATIONS PRIOR TO ANY CONSTRUCTION. ANY DEVIATIONS FROM THE DESIGN LOCATION SHALL BE REPORTED TO THE OWNER AND THE ENGINEER PRIOR TO CONSTRUCTION.
- ALL NECESSARY PERMITS AND APPROVALS FROM AGENCIES GOVERNING THE CONSTRUCTION OF THIS WORK SHALL BE SECURED PRIOR TO BEGINNING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING APPROVAL FROM THE POWER AND TELEPHONE COMPANIES FOR LOCATION AND HEIGHT OF Pylon SIGN BEFORE CONDUIT AND WIRING IS INSTALLED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATION, INCLUDING BUT NOT LIMITED TO ALL UTILITIES, STORM DRAINAGE, SIGNS, TRAFFIC SIGNALS AND POLES, ETC., AS REQUIRED FOR WIDENING OF ALL ROADWAYS. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. ALL COSTS SHALL BE INCLUDED IN THE BASE BID.
- THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION FOR ALL AREAS INDICATED TO REMAIN UNDISTURBED OR TO REMAIN AS BUFFERS, ALL PROPERTY CORNERS, AND REPLACING ALL PINS ELIMINATED OR DAMAGED DURING CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR REPAIRS OR DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS BUT NOT LIMITED TO, DRAINAGE, UTILITIES, PAVEMENT, CURB ETC., REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
- SITE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL UNDERGROUND UTILITIES WITH HIS WORK. ALL UNDERGROUND UTILITIES (WATER, SANITARY SEWER, STORM SEWER, ELECTRICAL CONDUIT, IRRIGATION SYSTEMS, AND ANY OTHER MISCELLANEOUS UTILITIES) SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF BASE COURSE MATERIAL, AND THE PLACEMENT OF APPROPRIATE SOIL STABILIZATION FOR CONSTRUCTION STABLE.
- CONTRACTOR SHALL PROVIDE BOLLARDS FOR PROTECTION OF ALL ABOVE GROUND UTILITIES AND APPURTENANCES IN AND ADJACENT TO DRIVE AREAS.
- CONTRACTOR SHALL MATCH EXISTING PAVEMENTS IN GRADE AND ALIGNMENT.
- CONTRACTOR TO REMOVE OR RELOCATE WHEN APPLICABLE, ALL EXISTING BUILDINGS, FOUNDATIONS, BASEMENTS AND CONNECTIONS, DRAIN PIPES, SANITARY SEWER PIPE, POWER POLES, AND GUY WIRES, WATER METERS AND WATER LINES, WELLS, SIDEWALKS, SIGN POLES, UNDERGROUND GAS, SEPTIC TANKS, AND ASPHALT SHOWN WITHIN THE CONSTRUCTION LIMITS AND WHERE NEEDED TO ALLOW FOR THE FILL MATERIAL. CONTRACTOR TO REVIEW SITE AS IT RELATES TO DEMOLITION WORK TO INSURE ALL DEMOLITION ITEMS ARE INCLUDED IN THE BASE BID (SEE DEMOLITION PLAN AND SITEWORK SPECIFICATIONS).
- ALL EXCAVATIONS SHOULD BE SLOPED OR BRACED AS REQUIRED BY OSHA REGULATIONS TO PROVIDE STABILITY AND SAFE WORKING CONDITIONS. TEMPORARY EXCAVATIONS WILL PROBABLY BE REQUIRED DURING GRADING OPERATIONS. THE GRADING CONTRACTOR, BY HIS CONTRACT, IS USUALLY RESPONSIBLE FOR DESIGNING AND CONSTRUCTING STABLE TEMPORARY EXCAVATIONS AND SHOULD SHORE, SLOPE OR BENCH THE SIDES OF THE EXCAVATIONS AS REQUIRED TO MAINTAIN STABILITY OF BOTH THE EXCAVATION SIDES AND BOTTOM. ALL EXCAVATIONS SHOULD COMPLY WITH APPLICABLE LOCAL, STATE, AND FEDERAL SAFETY REGULATIONS, INCLUDING THE CURRENT OCCUPATIONAL HEALTH AND SAFETY ADMINISTRATION (OSHA) EXCAVATION AND TRENCH SAFETY STANDARDS.
- CONSTRUCTION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR WHO CONTROLS THE MEANS, METHODS, AND SEQUENCING OF CONSTRUCTION OPERATIONS. UNDER NO CIRCUMSTANCES SHALL THE INFORMATION PROVIDED HEREIN BE INTERPRETED TO MEAN THAT RESOURCE CONSULTING, LLC IS ASSUMING ANY RESPONSIBILITY FOR CONSTRUCTION SITE SAFETY OR THE CONTRACTOR'S ACTIVITIES; SUCH RESPONSIBILITY SHALL NEITHER BE IMPLIED NOR INFERRED.
- CONSTRUCTION SHALL COMPLY WITH ALL GOVERNING CODES AND BE CONSTRUCTED TO THE SAME.
- ANY WORK IN THE STATE'S RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS AND STANDARD SPECIFICATIONS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ADDRESS ANY WETLANDS ISSUES TO THE SATISFACTION OF THE U.S. ARMY CORPS OF ENGINEERS AND GAEPD.
- REFERENCE DETAIL SHEETS FOR CONSTRUCTION DETAILS.

SITE PLAN NOTES

- DIMENSIONS ARE TO FACE OF CURB AND FACE OF BUILDING UNLESS OTHERWISE NOTED.
- ALL RADII ARE 3 FEET UNLESS OTHERWISE NOTED.
- SITE CONTRACTOR SHALL REFERENCE ARCHITECTURAL PLANS FOR WIRING AND CIRCUITS FOR SITE LIGHTING.
- CONTRACTOR SHALL REMOVE PAVEMENT AND CONCRETE IN ACCORDANCE WITH CALHOUN COUNTY POND STANDARD SPECIFICATIONS.
- ALL STRIPING AND TRAFFIC CONTROLS SHALL COMPLY WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
- REFERENCE DETAIL SHEETS FOR CONSTRUCTION DETAILS.
- ALL ONSITE DIRECTIONAL ARROWS ARE SHOWN SOLELY FOR THE PURPOSE OF ILLUSTRATING PROPOSED TRAFFIC CIRCULATION PATTERNS. LOVE'S CONSTRUCTION DEPARTMENT WILL INDICATE WHERE ALL DIRECTIONAL TRAFFIC ARROWS ARE TO BE STRIPED.

SITE LIGHTING AND SIGNS NOTES

- SITE LIGHTING FIXTURE LOCATIONS AND TYPES WERE PROVIDED BY THE ARCHITECT. REFERENCE THE ARCHITECTURAL LIGHTING PLANS FOR ALL DETAILED INFORMATION RELATIVE TO SITE LIGHTING FIXTURES.
- POLE LOCATIONS SHOWN ON THIS PLAN MAY BE DIFFERENT FROM THE ARCHITECT'S LIGHTING PLAN AND THERE MAY BE ADJUSTMENTS TO SATISFY THE DESIGN INTENT. COORDINATE ALL LIGHTING INSTALLATIONS AND CONFLICTS WITH THE PROJECT ARCHITECT AND THE ENGINEER PRIOR TO CONSTRUCTION.
- SEE ARCHITECT'S PLANS FOR SITE LIGHTING BOLLARDS AND FOUNDATIONS.
- SITE LIGHTING LOCATIONS WERE PROVIDED BY THE ARCHITECT. REFERENCE THE ARCHITECTURAL SITE PLANS FOR ALL DETAILED INFORMATION RELATIVE TO THIS INSTALLATION. SEE ARCHITECTURAL PLANS FOR BUILDING SIGNS AND EXTERIOR DIRECTIONAL SIGNS.
- COORDINATE SIGN INSTALLATIONS AND CONFLICTS WITH THE PROJECT ARCHITECT.

PAVING NOTES

- PAVEMENT SECTION DESIGNS ARE TAKEN FROM THE GEOTECHNICAL INVESTIGATION REPORT AND ADDENDA AS PREPARED BY TERRACON; TELEPHONE (770) 623 0755. REFERENCE THIS REPORT FOR COMPLETE DESIGN SPECIFICATION AND DETAILED RECOMMENDATIONS.
- ALL PAVING WORK SHALL CONFORM TO GEORGIA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS, LATEST EDITION.
- CONTRACTOR SHALL SUBMIT TO GEOTECHNICAL ENGINEER, SITE ENGINEER, AND CONSTRUCTION MANAGER ALL PAVING MIX DESIGNS PROPOSED FOR USE ON THIS PROJECT AND OBTAIN APPROVAL OF MIXES PRIOR TO PROCEEDING WITH PAVING OPERATIONS.
- WITHIN 24 HOURS PRIOR TO ANY PAVING OPERATION, THE CONTRACTOR SHALL PERFORM SUBGRADE COMPACTION AND PROCTOR TESTS ON PREPARED SUBGRADE TO VERIFY THAT SUBGRADE HAS NOT DETERIORATED DURING PROJECT CONSTRUCTION.
- ALL CONCRETE TO HAVE BROOM FINISH EXCEPT TRUCK FUELING BAYS TO HAVE HEAVY BROOM FINISH.
- THE FOLLOWING AREAS ARE TO BE SEALED 30 DAYS AFTER CONCRETE IS POURED. REFERENCE ARCHITECTURAL SPECIFICATION:
 - BUILDING SIDEWALKS
 - AUTO CANOPY PAD
 - TRUCK CANOPY PAD
 - BUILDING PARKING SPACES AT FRONT OF BUILDING
 - DUMPSTER PAD AREA
 - USE AREA (PAD, PIT, DRIVEWAY, UNLOADING AREA, ETC.)
- ALL ASPHALT THAT ABUTS CONCRETE IS TO BE FINISHED AT 1/8 INCH ABOVE FINISHED CONCRETE ELEVATION.
- AFTER COMPLETING THE PAVING OPERATION, THE CONTRACTOR IS RESPONSIBLE FOR HAVING PAVEMENTS CORED AND SUBMITTING CORE RESULTS TO ENGINEER AND OWNER.

SITE PREPARATION NOTES

- SITE PREPARATION DESIGNS ARE TAKEN FROM THE GEOTECHNICAL INVESTIGATION REPORT AND ADDENDA AS PREPARED BY TERRACON; TELEPHONE (770) 623 0755. REFERENCE THIS REPORT FOR COMPLETE DESIGN SPECIFICATION AND DETAILED RECOMMENDATIONS.
- THE CONTRACTOR IS TO PREPARE THE SITE IN STRICT ACCORDANCE WITH THE DESIGN SPECIFIED IN THE GEOTECHNICAL INVESTIGATION. REFERENCE THIS COMPLETE DESIGN SPECIFICATION FOR SITEWORK PREPARATION.
- CONTRACTOR SHALL RESTRICT AND CONTROL CONSTRUCTION TRAFFIC ON AREAS OF STABILIZED SUBGRADE OR PARTIAL THICKNESS PAVEMENT. HEAVY LOADED EQUIPMENT OPERATION ON THESE SURFACES MAY CAUSE SIGNIFICANT DAMAGE RESULTING IN SUBGRADE DETERIORATION, AND WILL REQUIRE RETESTING AND REWORKING OF SUBGRADE WITHIN THE PROJECT SPECIFICATIONS.

GRADING NOTES

- REFERENCE GENERAL NOTES.
- REFERENCE SITE PREPARATION NOTES.
- REFERENCE SEDIMENT AND EROSION CONTROL NOTES.
- REFERENCE DETAIL SHEETS FOR CONSTRUCTION DETAILS.
- CONSTRUCTION SHALL COMPLY WITH ALL GOVERNING CODES AND BE CONSTRUCTED TO THE SAME.
- PROPERTY AND TOPOGRAPHIC SURVEY WAS PREPARED FOR AND PROVIDED BY THE DEVELOPER FOR USE AS THE BASE MAP IN THIS DESIGN. IT IS ASSUMED TO BE FINAL AND COMPLETE. IF CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, HE SHALL HAVE MADE, AT HIS EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR AND SUBMIT IT TO THE OWNER AND SITE ENGINEER FOR REVIEW.
- EXISTING GRADE ELEVATIONS ARE SHOWN AT ONE FOOT INTERVALS.
- FINISHED GRADE CONTOUR ELEVATIONS ARE SHOWN AT ONE FOOT INTERVALS.
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR DEPTH OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE UTILITIES COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES IN CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITIES AND NOTIFYING THE APPROPRIATE UTILITY COMPANY PRIOR TO BEGINNING CONSTRUCTION.
- CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING SEWER STRUCTURES, PIPES, AND ALL UTILITIES PRIOR TO CONSTRUCTION.
- CLEARING AND GRUBBING LIMITS SHALL INCLUDE ALL AREAS DISTURBED BY GRADING OPERATIONS. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL AREAS INDICATED TO REMAIN AS BUFFERS. ALL AREAS SHALL BE PROTECTED BY REPLACEMENT OF ALL PINS ELIMINATED OR DAMAGED DURING CONSTRUCTION.
- CONTRACTOR SHALL COORDINATE WITH THE ARCHITECTURAL PLANS, POWER COMPANY, AND TELEPHONE COMPANY FOR ACTUAL ROUTING OF POWER AND TELEPHONE SERVICES TO THE BUILDING.
- CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS BUT NOT LIMITED TO, DRAINAGE, UTILITIES, PAVEMENT, CURBS, ETC., REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
- ALL AREAS GRADED AS REQUIRED BY GRADING OPERATIONS SHALL RECEIVE FOUR INCHES OF TURF OR SEED, SOIL, AND WATER. CONTRACTOR SHALL APPLY STABILIZATION TO ALL SLOPES 3:1V:1H OR STEEPER. CONTRACTOR SHALL GRASS DISTURBED AREAS INDICATED ON THE LANDSCAPING PLAN AND SPECIFICATIONS AND WATER UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.
- ALL EXCAVATIONS SHOULD BE SLOPED OR BRACED AS REQUIRED BY OSHA REGULATIONS TO PROVIDE STABILITY AND SAFE WORKING CONDITIONS. TEMPORARY EXCAVATIONS WILL PROBABLY BE REQUIRED DURING GRADING OPERATIONS. THE CONTRACTOR IS RESPONSIBLE FOR DESIGNING AND CONSTRUCTING STABLE TEMPORARY EXCAVATIONS AND SHOULD SHORE, SLOPE OR BENCH THE SIDES OF THE EXCAVATIONS AS REQUIRED TO MAINTAIN STABILITY OF BOTH THE EXCAVATION SIDES AND BOTTOM. ALL EXCAVATIONS SHOULD COMPLY WITH APPLICABLE LOCAL, STATE, AND FEDERAL SAFETY REGULATIONS, INCLUDING THE CURRENT OCCUPATIONAL HEALTH AND SAFETY ADMINISTRATION (OSHA) EXCAVATION AND TRENCH SAFETY STANDARDS.
- CONSTRUCTION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR WHO CONTROLS THE MEANS, METHODS, AND SEQUENCING OF CONSTRUCTION OPERATIONS. UNDER NO CIRCUMSTANCES SHALL THE INFORMATION PROVIDED HEREIN BE INTERPRETED TO MEAN THAT RESOURCE CONSULTING, LLC IS ASSUMING ANY RESPONSIBILITY FOR CONSTRUCTION SITE SAFETY OR THE CONTRACTOR'S ACTIVITIES; SUCH RESPONSIBILITY SHALL NEITHER BE IMPLIED NOR INFERRED.

STORM DRAINAGE NOTES

- REFERENCE GENERAL NOTES
- REFERENCE DETAIL SHEETS FOR CONSTRUCTION DETAILS
- ALL PIPES ENTERING STORM SEWER STRUCTURES SHALL BE SEALED TO ASSURE CONNECTION AT STRUCTURE WATER TIGHT.
- ALL PIPES AND STRUCTURES ON STREET RIGHT-OF-WAY SHALL BE PER LOCAL OR DEPARTMENT OF TRANSPORTATION STANDARDS, PER OWNERSHIP JURISDICTION.
- TYPES OF PIPE ARE INDICATED ON THE PLANS AND SPECIFIED WITHIN THE SPECIFICATIONS.
- ALL FLEXIBLE PIPE SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. DEFORMED OR DEFLECTED PIPE MORE THAN 5 PERCENT SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE. TESTS SHALL BE PERFORMED WITH THE USE OF A MANDREL OR CONE BEING 95 PERCENT OF THE NOMINAL DIAMETER OF THE PIPE DIAMETER. TEST RESULTS SHALL BE SUBMITTED TO THE ENGINEER AND OWNER WITHIN 15 DAYS OF INSTALLATION.

UTILITY NOTES

- REFERENCE GENERAL NOTES
- REFERENCE CONTACTS LIST ON THE TITLE SHEET
- REFERENCE DETAIL SHEETS FOR CONSTRUCTION DETAILS
- UTILITY WORK FOR THIS PROJECT SHALL MEET OR EXCEED THE PROJECT SITEWORK SPECIFICATIONS.
- CONSTRUCTION TO COMPLY WITH ALL GOVERNING CODES AND BE CONSTRUCTED TO SAME.
- CONSTRUCTION SHALL COMPLY WITH ALL GOVERNING CODES (I.E. CITY, COUNTY, ENERGY, BELL SOUTH, ETC. STANDARDS AND SPECIFICATIONS) AND REQUIREMENTS. THE CONTRACTOR SHALL CONDUCT ALL REQUIRED TESTS TO THE SATISFACTION OF THE RESPECTIVE UTILITY COMPANIES AND OWNERS INSPECTING AUTHORITIES.
- THE CONTRACTOR IS RESPONSIBLE FOR EXTENDING SERVICE LINES TO THE WATER AND SANITARY SEWER MAINS, AND FOR PICKING UP GAS SERVICE AT THE DOWNSTREAM SIDE OF THE METER.
- CONTRACTOR SHALL COORDINATE PROPOSED RECONNECTION OF ALL UTILITIES WITH ARCHITECTURAL PLANS AS WELL AS UTILITY COMPANIES AND BUILDING CONTRACTOR.
- CONTRACTOR SHALL COMPLY FULLY WITH THE LATEST STANDARD OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SHORING, BRACING, AND OTHER MEANS OF PROTECTION. THIS INCLUDES BUT IS NOT LIMITED TO ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE TO COMPLY WITH PERFORMANCE CRITERIA FOR OSHA.

- CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITIES AND NOTIFYING THE APPROPRIATE UTILITY COMPANY BEFORE BEGINNING CONSTRUCTION.
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF THE EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING STORM SEWER STRUCTURES, PIPES, AND ALL UTILITIES BEFORE CONSTRUCTION.
- CONTRACTOR TO REMOVE OR RELOCATE, WHEN APPLICABLE, ALL EXISTING BUILDINGS, FOUNDATIONS, EASEMENTS AND CONNECTIONS IMPROVEMENTS, DRAIN PIPES, SANITARY SEWER PIPES, POWER POLES AND GUY WIRES, WATER METERS AND WATER LINES, WELLS, SIDEWALKS SIGN POLES, UNDERGROUND GAS, SEPTIC TANKS, AND ASPHALT SHOWN AND NOT SHOWN WITHIN THE CONSTRUCTION LIMITS AND WHERE NEEDED, TO ALLOW FOR FILL MATERIAL, UNLESS OTHERWISE DENOTED, TO BE REMOVED AS UNCLASSIFIED EXCAVATION.
- CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, UTILITIES, PAVEMENT, STRIPING, CURBS, ETC., REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
- CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR ACTUAL LOCATION OF ALL UTILITY ENTRANCES TO INCLUDE SANITARY SEWER LATERALS, DOMESTIC AND FIRE PROTECTION WATER SERVICE, ELECTRICAL, TELEPHONE, CABLE TV AND GAS SERVICE. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS AND ASSURE PROPER DEPTHS ARE ACHIEVED, AS WELL AS COORDINATING WITH CITY AND UTILITY REQUIREMENTS AS TO LOCATIONS AND SOVEREIGNTY FOR TIE-INS AND CONNECTIONS PRIOR TO BEGINNING CONSTRUCTION.
- CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL PLANS, POWER COMPANY, AND TELEPHONE COMPANY FOR ACTUAL ROUTING OF POWER AND TELEPHONE SERVICE TO BUILDING.
- CONTRACTOR SHALL PAY ALL FEES AND CHARGES PERTINENT TO UTILITY CONSTRUCTION AND SHALL COORDINATE WITH ALL UTILITIES TO OBTAIN NECESSARY PERMITS AND LICENSES FOR THIS WORK.
- SEE GEOTECHNICAL INVESTIGATION RECOMMENDATIONS FOR BACKFILLING AND COMPACTION REQUIREMENTS ON UTILITY TRENCHES.
- CONTRACTOR SHALL COORDINATE WITH OTHER UTILITIES TO DETERMINE PROPER DEPTH AND PREVENT ANY CONFLICT OF UTILITIES.
- THE MINIMUM HORIZONTAL SEPARATION BETWEEN THE CLOSEST TWO POINTS OF THE WATER AND SEWER LINE IS TEN (10) FEET. THE MINIMUM VERTICAL SEPARATION BETWEEN THE CLOSEST TWO POINTS OF THE WATER AND SEWER LINE IS SEVEN (7) FEET.
- CONTRACTOR SHALL COORDINATE WITH THE APPROPRIATE UTILITY COMPANIES BEFORE CONSTRUCTION AT INSTALLATION OF EXISTING FACILITIES.
- ALL EXCAVATIONS SHOULD BE SLOPED OR BRACED AS REQUIRED BY OSHA REGULATIONS TO PROVIDE STABILITY AND SAFE WORKING CONDITIONS. TEMPORARY EXCAVATIONS WILL PROBABLY BE REQUIRED DURING GRADING OPERATIONS. THE CONTRACTOR IS RESPONSIBLE FOR DESIGNING AND CONSTRUCTING STABLE TEMPORARY EXCAVATIONS AND SHOULD SHORE, SLOPE OR BENCH THE SIDES OF THE EXCAVATIONS AS REQUIRED TO MAINTAIN STABILITY OF BOTH THE EXCAVATION SIDES AND BOTTOM. ALL EXCAVATIONS SHOULD COMPLY WITH APPLICABLE LOCAL, STATE, AND FEDERAL SAFETY REGULATIONS, INCLUDING THE CURRENT OCCUPATIONAL HEALTH AND SAFETY ADMINISTRATION (OSHA) EXCAVATION AND TRENCH SAFETY STANDARDS.
- CONSTRUCTION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR WHO CONTROLS THE MEANS, METHODS, AND SEQUENCING OF CONSTRUCTION OPERATIONS. UNDER NO CIRCUMSTANCES SHALL THE INFORMATION PROVIDED HEREIN BE INTERPRETED TO MEAN THAT RESOURCE CONSULTING, LLC IS ASSUMING ANY RESPONSIBILITY FOR CONSTRUCTION SITE SAFETY OR THE CONTRACTOR'S ACTIVITIES; SUCH RESPONSIBILITY SHALL NEITHER BE IMPLIED NOR INFERRED.

POWER NOTES

- REFERENCE GENERAL NOTES
- REFERENCE UTILITY NOTES
- REFERENCE SITE WORK SPECIFICATIONS
- REFERENCE DETAIL SHEETS FOR CONSTRUCTION DETAILS
- ALL WATER WORK TO CONFORM TO CITY OF CALHOUN SPECIFICATIONS.
- REFERENCE ARCHITECTURAL PLANS FOR ALL BUILDING DOMESTIC SERVICE CONNECTION LOCATIONS.
- CONTRACTOR SHALL COORDINATE THE REMOVAL OR RELOCATION OF ALL EXISTING WATER LINES IN CONFLICT WITH THE PROPOSED CONSTRUCTION.
- THE CONTRACTOR SHALL MAKE WATER MAIN TAP AND CONSTRUCT METER BOX AND VAULT. CONTRACTOR IS TO PAY ALL FEES, EXTEND SERVICE AND INSTALL AN APPROVED REDUCED PRESSURE BACKFLOW PREVENTION DEVICE AS REQUIRED BY THE CITY OF CALHOUN.
- ALL SPRINKLER AND DOMESTIC LEADS TO THE BUILDING SHALL END 5' OUTSIDE THE FACE OF BUILDING WALL, UNLESS NOTED OTHERWISE, AND SHALL BE PROVIDED WITH A TEMPORARY PLUG (FOR OTHERS TO REMOVE AND EXTEND AS NECESSARY).
- REFERENCE WATER COMPANY SPECIFICATIONS FOR ON-SITE PIPE TYPE, FITTINGS, VALVES, AND APPURTENANCES BASED ON PIPE SIZE REQUIREMENTS.

SANITARY SEWER NOTES

- REFERENCE GENERAL NOTES
- REFERENCE UTILITY NOTES
- REFERENCE DETAIL SHEETS FOR CONSTRUCTION DETAILS
- REFERENCE ARCHITECTURAL PLANS FOR ALL BUILDING SERVICE AND DOMESTIC SERVICE CONNECTIONS LOCATIONS.
- ALL SANITARY SEWER WORK TO CONFORM TO CITY OF CALHOUN SPECIFICATIONS.
- COORDINATES AND DIMENSIONS ARE SHOWN TO CENTERLINE OF PIPE OR MANHOLE.
- ALL STUB-OUTS AND WYE LATERALS SHALL BE PLUGGED WITH A STANDARD TYPE PLUG.
- SANITARY SEWER PIPE OF DIFFERENT MATERIALS SHALL BE JOINED BY A RUBBER SLEEVE WITH STAINLESS STEEL COUPLING, MADE FOR TRANSITIONS FROM ONE PIPE MATERIAL TO ANOTHER.
- SANITARY SEWER PICKUP POINTS SHALL TERMINATE 5 FEET OUTSIDE THE FACE OF BUILDING, UNLESS NOTED OTHERWISE.
- THE TOP ELEVATION OF ALL MANHOLES IN GRASSED AREAS SHALL BE 6 INCHES ABOVE FINISHED GRADE.
- THE SANITARY SEWER PIPE SHALL BE PVC, SDR35 SEWER PIPE UNLESS NOTED OTHERWISE ON PLAN.
- CONTRACTOR SHALL GROUT AROUND ALL PIPE ENTRANCES TO SANITARY SEWER MANHOLES WITH NON-SHRINKING GROUT TO ASSURE ALL CONNECTIONS ARE WATERTIGHT.

POWER NOTES

- REFERENCE GENERAL NOTES
- REFERENCE UTILITY NOTES
- REFERENCE DETAIL SHEETS FOR CONSTRUCTION DETAILS
- REFERENCE ARCHITECTURAL PLANS FOR ALL BUILDING SERVICE LOCATIONS.
- ALL PRIMARY AND SECONDARY SERVICE LOCATIONS ARE APPROXIMATE AND ARE SHOWN FOR COORDINATION PURPOSES ONLY.
- CONTRACTOR SHALL COORDINATE THE REMOVAL OF ALL EXISTING POWER FACILITIES IN CONFLICT WITH THE PROPOSED CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF TRANSFORMER PAD PER POWER COMPANY SPECIFICATIONS.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING PRIMARY PVC CONDUIT, TRENCHING, BEDDING, FILL WIRE, AND BACKFILLING. POWER COMPANY TO INSTALL PRIMARY SERVICE.
- UNDERGROUND CONDUIT SHALL BE TWO - SIX INCH PVC SCH40 WITH A MINIMUM 48 INCH DEPTH OF COVER AND ALL BENDS SHALL BE LONG SWEEP BENDS.
- CONTRACTOR IS RESPONSIBLE FOR SECONDARY INSTALLATION TO BUILDING PER NORTH GEORGIA ELECTRIC STANDARDS.
- CONTRACTOR SHALL NOTIFY POWER COMPANY 48 HOURS BEFORE WORK SO THAT CONDUIT INSTALLATION INSPECTIONS MAY BE SCHEDULED.
- BACKFILLING OF TRENCHES AND COMPACTION SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL INVESTIGATION RECOMMENDATIONS.

TELEPHONE NOTES

- REFERENCE GENERAL NOTES
- REFERENCE UTILITY NOTES
- ALL TELEPHONE LINE LOCATIONS ARE APPROXIMATE AND SHOWN FOR COORDINATION PURPOSES ONLY. REFERENCE ARCHITECTURAL PLANS FOR ALL BUILDING SERVICE CONNECTIONS.
- CONTRACTOR SHALL COORDINATE THE REMOVAL OF ALL EXISTING TELEPHONE FACILITIES IN CONFLICT WITH THE PROPOSED CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR INSTALLING TWO - TWO INCH PVC SCH 40 CONDUITS FROM THE BUILDING TO THE PROPERTY LINE, OR AS REQUIRED BY THE POWER COMPANY, INCLUDING TRENCHING, BEDDING, CONDUIT, FILL WIRE, BACKFILLING, AND INSTALLATION OF 4"X6" BACKBOARD WITH #6 AWG COPPER WIRE GROUNDING TO THE CONDUIT BREAKER PANEL. ALL BENDS SHALL BE LONG SWEEP BENDS.
- BACKFILLING OF TRENCHES AND COMPACTION SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL INVESTIGATION RECOMMENDATIONS.

EROSION CONTROL NOTES

- THE CONTRACTOR IS TO OBTAIN ANY NECESSARY LAND CLEARANCE AND/OR GRADING PERMITS FROM THE CITY.
- THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE CURRENT NPDES PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
- THE ESCAPE OF SEDIMENT FROM THIS SITE IS PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENTATION CONTROL MEASURES AND BEST MANAGEMENT PRACTICES (BMP) PRIOR TO OR CONCURRENT WITH LAND DISTURBING ACTIVITIES.
- THE CONTRACTOR SHALL INSTALL ALL PERIMETER SEDIMENT AND EROSION CONTROL MEASURES AND CONSTRUCTION EROSION CONTROL MEASURES AS INDICATED PRIOR TO BEGINNING CONSTRUCTION AND MAINTAIN THROUGHOUT CONSTRUCTION ACTIVITY. ALL MEASURES INDICATED ON THIS PLAN SHOULD BE CONSIDERED A MINIMUM GUIDELINE. ADDITIONAL MEASURES MAY BE NECESSARY.
- THE CONTRACTOR SHALL MAINTAIN EROSION CONTROL MEASURES AND BEST MANAGEMENT PRACTICES DESIGNED AS A MINIMUM EFFORT TO CONTROL THE RELEASE OF SOILS AND POLLUTANTS VIA STORMWATER CONVEYANCE, AND ARE DEPENDENT ON THE PHASING OF THE CONTRACTOR'S WORK AND HIS DILIGENCE IN MAINTAINING THESE ELEMENTS.
- THE SWPPP PLAN SHALL BE RETAINED ON-SITE AT THE FACILITY WHICH GENERATES THE STORM WATER DISCHARGE. THE CONTRACTOR SHALL POST NEAR THE ENTRANCE OF THE PROJECT A COPY OF THE NOTICE OF COVERAGE AND NPDES PERMIT NUMBER. THE POSTED NOTICE SHALL INCLUDE THE NAME AND NPDES NUMBER OF A LOCAL CONTACT PERSON, A DESCRIPTION OF THE PROJECT, AND INDICATE WHERE THE SWPPP IS STORED.
- THE SWPPP SHALL BE MADE AVAILABLE TO THE GOVERNING AUTHORITIES UPON REQUEST, ALONG WITH ALL INSPECTION REPORTS AND PAPERWORK IN THIS REGARD.
- THE SWPPP PLAN IS SUBJECT TO REVISION BY THE GOVERNING AUTHORITY WHEN IT DOES NOT MEET THE MINIMUM REQUIREMENTS. THESE REVISIONS SHALL AMEND THE SWPPP AND BE NOTED ON THE SWPPP MAINTAINED ON-SITE.
- THE CONTRACTOR IS REQUIRED TO MAINTAIN THE SITE IN COMPLIANCE WITH THE SWPPP AND TO MAKE NECESSARY AMENDMENTS TO KEEP THE SITE IN COMPLIANCE.
- CONTRACTOR MAY BE REQUIRED TO PROVIDE ADDITIONAL EROSION CONTROL MEASURES AS DIRECTED BY THE GOVERNING AUTHORITY.
- CONTRACTOR IS RESPONSIBLE FOR CLEANING OUT ALL STORM DRAINAGE STRUCTURES, INCLUDING MANHOLES, FLUMES, PIPES, PONDS, ETC., PRIOR TO COMPLETION OF THE PROJECT.
- THE FINANCIALLY RESPONSIBLE PARTY IS RESPONSIBLE FOR ANY AND ALL FINES ASSOCIATED WITH THE DISCHARGE OF SEDIMENT, EROSION, OR POLLUTANTS CAUSED BY THIS WORK.
- A PRECONSTRUCTION MEETING BETWEEN THE CITY, GENERAL CONTRACTOR, AND GRADING CONTRACTOR IS REQUIRED PRIOR TO ANY LAND DISTURBING ACTIVITY.

SWPPP NOTES: REFERENCE ESPC NOTES SHEET ES-4

RC 161031

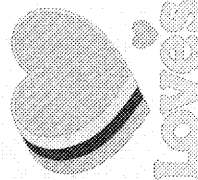
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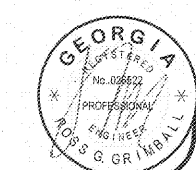
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C-N



NOTES

THIS DRAWING IS NOT VALID WITHOUT AN ORIGINAL BLUE INK SIGNATURE AND ORIGINAL HANDWRITTEN DATE OF A LICENSED PROFESSIONAL ENGINEER.