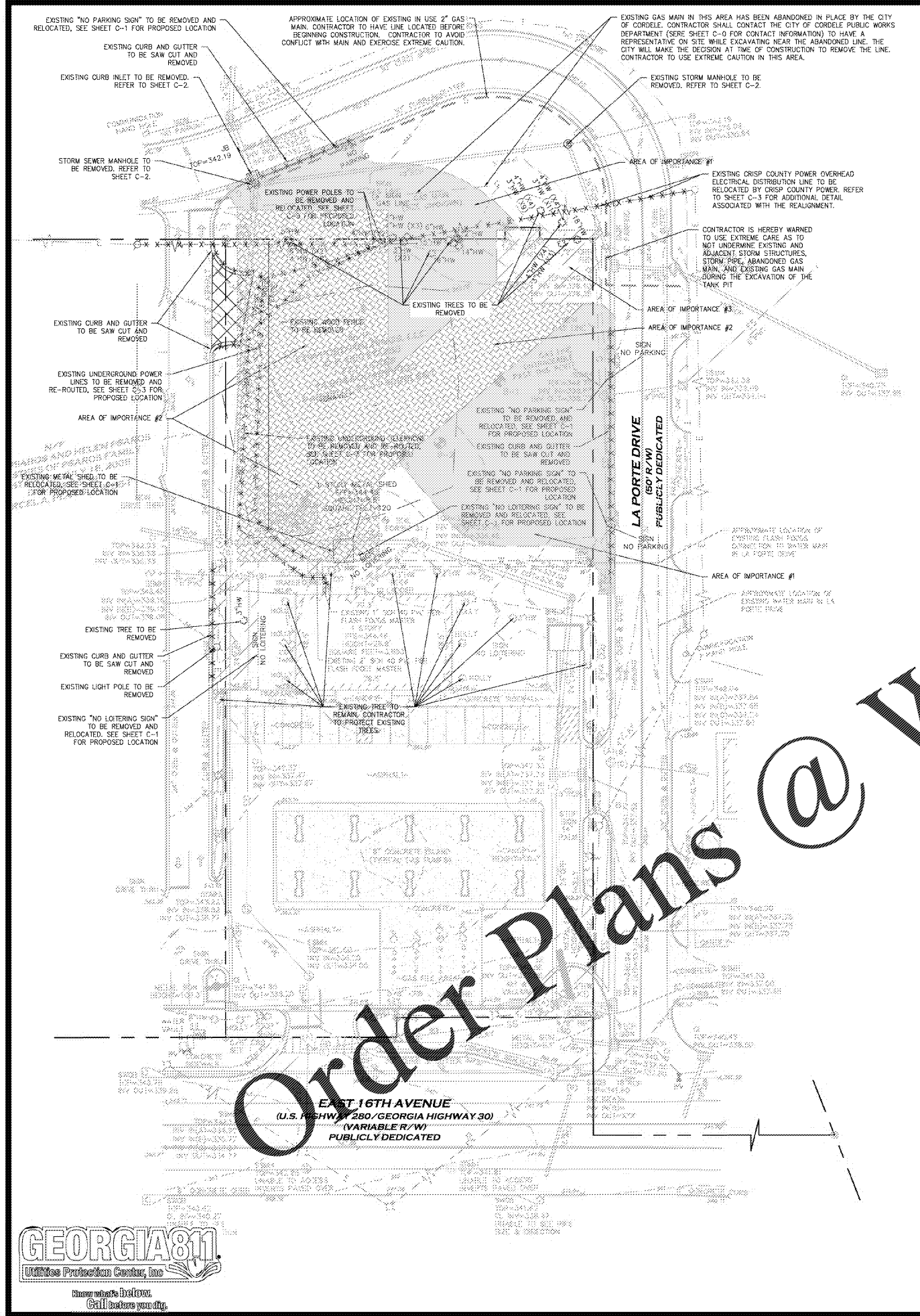
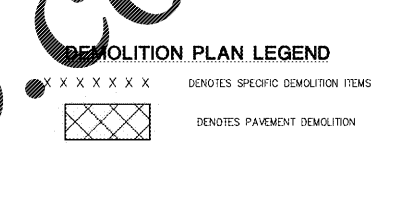
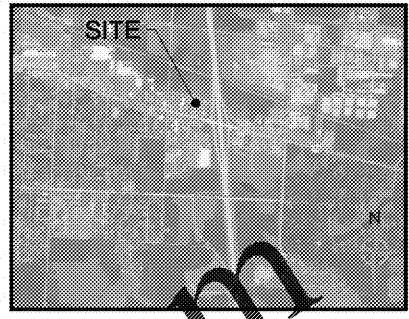


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DEMOLITION PLAN NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL, AND DISPOSING IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES, OF ALL STRUCTURES, PADS, WALLS, FENCES, FOUNDATIONS, PARKING, DRIVES, STRUCTURES, UTILITIES, ETC., SUCH THAT THE IMPROVEMENTS SHOWN ON THE REMAINING PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED SHALL BE UNDERGUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE COMPACTED FILL MATERIAL PER THE SPECIFICATIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL DEBRIS FROM THE SITE AND DISPOSING OF THE DEBRIS IN A LAWFUL MANNER. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION AND DISPOSAL.
3. THE CONTRACTOR SHALL MAINTAIN ALL UTILITY SERVICES TO THE EXISTING SITE AT ALL TIMES. UTILITY SERVICES SHALL NOT BE INTERRUPTED WITHOUT APPROVAL FROM THE OWNER'S AND COORDINATION THROUGH THE STORE MANAGER.
4. THE CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY COMPANIES PRIOR TO THE REMOVAL AND/OR RELOCATION OF UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY CONCERNING PORTIONS OF WORK WHICH MAY BE PERFORMED BY THE UTILITY COMPANY'S FORCES AND ANY FEES WHICH ARE TO BE PAID TO THE UTILITY COMPANY FOR THEIR SERVICES. THE CONTRACTOR IS RESPONSIBLE FOR PAYING ALL FEES AND CHARGES.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING UTILITY SERVICES TO THE EXISTING BUILDINGS DURING DEMOLITION.
6. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES FOR ON-SITE LOCATIONS OF EXISTING UTILITIES.
7. ALL EXISTING SEWERS, PIPING AND UTILITIES SHOWN ARE NOT TO BE INTERPRETED AS THE EXACT LOCATION, OR AS THE ONLY OBSTACLES THAT MAY OCCUR ON THE SITE. VERIFY EXISTING CONDITIONS AND PROCEED WITH CAUTION AROUND ANY ANTICIPATED FEATURES. GIVE NOTICE TO ALL UTILITY COMPANIES REGARDING DEMOLITION AND REMOVAL OF ALL SERVICE LINES AND CAP ALL LINES BEFORE PROCEEDING WITH THE WORK. UTILITIES DETERMINED TO BE ABANDONED AND LEFT IN PLACE SHALL BE GROUTED IF UNDER BUILDING.
8. ELECTRICAL, TELEPHONE, CABLE, WATER, FIBER OPTIC CABLE AND/OR GAS LINES NEEDING TO BE REMOVED OR RELOCATED SHALL BE COORDINATED WITH THE AFFECTED UTILITY COMPANY. ADEQUATE TIME SHALL BE PROVIDED FOR RELOCATION, AND CLOSE COORDINATION WITH THE UTILITY COMPANY IS NECESSARY TO PROVIDE A SMOOTH TRANSITION IN UTILITY SERVICE. CONTRACTOR SHALL PAY CLOSE ATTENTION TO EXISTING UTILITIES WITHIN THE ANY ROAD RIGHT OF WAY DURING CONSTRUCTION.
9. CONTRACTOR MUST PROTECT THE PUBLIC AT ALL TIMES WITH FENCING, BARRICADES, ENCLOSURES, ETC., TO THE BEST PRACTICES AND AS APPROVED BY THE OWNER.
10. CONTINUOUS ACCESS SHALL BE MAINTAINED FOR THE SURROUNDING PROPERTIES AT ALL TIMES DURING DEMOLITION OF THE EXISTING FACILITIES.
11. PRIOR TO DEMOLITION OCCURRING, ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED.
12. SHOULD REMOVAL AND/OR RELOCATION ACTIVITIES DAMAGE FENCING, LIGHTING AND/OR STORM INLET STRUCTURES, THEN THE CONTRACTOR SHALL PROVIDE NEW MATERIALS/STRUCTURES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. EXCEPT FOR MATERIALS DESIGNED TO BE RELOCATED ON THIS PLAN, ALL OTHER CONSTRUCTION MATERIALS SHALL BE NEW.
13. CONTRACTOR MAY LIMIT SAW-CUT & PAVEMENT REMOVAL TO ONLY THOSE AREAS WHERE IT IS REQUIRED AS SHOWN ON THESE CONSTRUCTION PLANS; BUT IF ANY DAMAGE IS INCURRED ON ANY OF THE SURROUNDING PAVEMENT, ETC., THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS REMOVAL AND REPAIR.
14. CONTRACTOR SHALL MAINTAIN ALL EXISTING PARKING, SIDEWALKS, DRIVES, ETC., CLEAR AND FREE FROM ANY CONSTRUCTION ACTIVITY AND/OR MATERIAL TO ENSURE SAFE AND SAFE PEDESTRIAN AND VEHICULAR TRAFFIC TO AND FROM THE SITE. CONTRACTOR SHALL COORDINATE/PHASE ALL CONSTRUCTION ACTIVITY WITHIN PROXIMITY TO EXISTING BUILDING AND UTILITY INTERRUPTIONS WITH THE STORE MANAGER AND CONSTRUCTION MANAGER TO MINIMIZE DISTURBANCE AND INCONVENIENCE TO STORE OPERATIONS AND THE CUSTOMERS.
15. DAMAGE TO ANY EXISTING CONDITIONS TO REMAIN WILL BE REPLACED/REPAIRED AT CONTRACTOR'S EXPENSE.
16. CONTRACTOR MUST COORDINATE WITH THE OWNER PRIOR TO ANY CONSTRUCTION TO ESTABLISH CUSTOMER ACCESS AND TRAFFIC FLOW DURING ALL PHASES OF WORK.
17. CONTRACTOR TO REPLACE/REPAIR ASPHALT AS NEEDED AFTER DEMOLITION, ABANDONMENT, OR RELOCATION OF PAVING, UTILITIES, STRUCTURES, ETC. AS PART OF THESE AS WORK.
18. NO EQUIPMENT SHALL BE STORED WITH IN ANY RIGHT-OF-WAY WITH OUT PERMISSION OF RIGHT-OF-WAY OWNER.



AREA OF IMPORTANCE NOTES

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| 1 | THE CONTRACTOR SHALL REMOVE LOOSE SOILS IN THE TOPPER 3-1/2 FEET BELOW PROPOSED GRADE (SEE SHEET C-2) IN THE PAVEMENT AREAS (DESIGNATED BY THE CORRESPONDING HATCH) PRIOR TO PLACING ANY FILL. CONTRACTOR SHALL REFERENCE THE GEOTECHNICAL REPORT BY UNIVERSAL ENGINEERING DATED OCTOBER 23, 2020 AND THE EARTHWORKS NOTES ON THIS SHEET FOR ADDITIONAL DIRECTION FOR ALLOWABLE PLACEMENT AND AMENDING PRACTICES. |
| 2 | THE CONTRACTOR SHALL REMOVE LOOSE SOILS IN THE TOPPER 6-1/2 FEET BELOW PROPOSED GRADE (SEE SHEET C-2) IN THIS AREA (DESIGNATED BY THE CORRESPONDING HATCH) PRIOR TO PLACING ANY FILL. CONTRACTOR SHALL REFERENCE THE GEOTECHNICAL REPORT BY UNIVERSAL ENGINEERING DATED OCTOBER 23, 2020 AND THE EARTHWORKS NOTES ON THIS SHEET FOR ADDITIONAL DIRECTION FOR ALLOWABLE PLACEMENT AND AMENDING PRACTICES. |
| 3 | THE CONTRACTOR SHALL REFER TO THE FUELING PLANS (PREPARED BY THE FUELING DESIGNER) AND THE GEOTECHNICAL REPORT BY UNIVERSAL ENGINEERING, DATED OCTOBER 23, 2020, FOR DIRECTION AND RECOMMENDATIONS ASSOCIATED WITH THE UNDERGROUND STORAGE TANK BENCH LEVEL PREPARATION AND UPLIFT PROTECTION FOR WORK IN THIS AREA (DESIGNATED BY THE CORRESPONDING HATCH). |

EARTHWORK NOTES

1. BEFORE BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL REVIEW THE GEOTECHNICAL REPORT BY UNIVERSAL ENGINEERING SERVICES, INC. DATED OCTOBER 23, 2020. CONTRACTOR SHALL ADHERE TO ALL RECOMMENDATIONS CONTAINED WITHIN THE REPORT.
2. THE CONTRACTOR SHALL DETERMINE THE ACTUAL GROUNDWATER LEVELS AT THE TIME OF CONSTRUCTION TO DETERMINE THE GROUNDWATER IMPACT ON THE CONSTRUCTION PROCEDURES. GROUNDWATER SHOULD BE MAINTAINED AT DEPTHS GREATER THAN 2 FEET BELOW THE BOTTOM OF CUTS DURING ALL PHASES OF CONSTRUCTION. IF GROUNDWATER IS ENCOUNTERED DURING TRENCHING OR FOUNDATION INSTALLATION, THE GEOTECHNICAL ENGINEER SHOULD BE NOTIFIED SO THAT IT CAN DETERMINE WHETHER THERE IS A NEED FOR UNDERSLAB DRAINAGE, PERIMETER DRAINS, OR OTHER RECOMMENDATIONS FOR DEWATERING.
3. THE CONTRACTOR SHALL REMOVE LOOSE SOILS AS DIRECTED IN THE AREA OF IMPORTANCE NOTES, WHICH ARE SPECIFIED TO EACH AREA REFERENCED, PRIOR TO ANY NEEDED FILL BEING PLACED. UNDERCUTTING SHOULD EXTEND TO AT LEAST 5 FEET OUTSIDE THE EDGE OF THE PAVEMENT AREAS ON ALL SIDES.
4. AFTER UNDERCUTTING, THE CONTRACTOR SHALL PRE-DENSIFY THE SOILS IMMEDIATELY BELOW THE UNDERCUT SECTION UTILIZING A LARGE (MIN. DRUM DIAMETER OF 4 FEET), HEAVY, VIBRATORY, ROLLER PRIOR TO SUBSEQUENT SANDFILL PLACEMENT.
5. ONCE THE EXPOSED SUBGRADE HAS BEEN PRE-DENSIFIED, THE EXCAVATED MATERIAL CLASSIFIED AS SILTY AND CLAYEY SAND [SM & SC] MAY BE REUSED AND SHOULD BE MOISTURE-CONDITIONED AND RECOMPACTED IN THIN LIFTS. EXCAVATED MATERIAL CLASSIFIED AS HIGH PLASTICITY CLAY [CH] SHOULD NOT BE REUSED AS BACKFILL IN STRUCTURAL OR PAVEMENT AREAS, BUT MAY BE WASTED OFFSITE ON NON-STRUCTURAL/PAVEMENT AREAS.
6. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 1-FOOT SEPARATION BETWEEN ANY STRUCTURAL ELEMENTS OR PAVEMENT SECTIONS AND THE TOP OF ANY "CH" SOILS.
7. ONCE REMEDIATION IS COMPLETED, THE MAXIMUM ALLOWABLE NET SOIL BEARING PRESSURE FOR USE IN THE SHALLOW FOUNDATION DESIGN SHOULD NOT EXCEED 2,500 POUNDS PER SQUARE FOOT FOR CODE DEAD AND LIVE LOADS PLUS ANY SHORT DURATION LOADINGS. THIS BEARING PRESSURE ASSUMES THE SURFICIAL SOILS TO A DEPTH OF 4 FEET BEG OR 2-1/2 FEET BELOW THE BASE OF FOOTING, WHICHEVER IS DEEPER, ARE DENSIFIED TO AT LEAST 95 PERCENT OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D 1557) PRIOR TO FOUNDATION CONSTRUCTION.
8. THE CONTRACTOR SHALL IMPORT FILL MATERIAL AS REQUIRED TO MEET FINISHED GRADES, THE RECOMMENDED CRITERIA FOR SOIL FILL CHARACTERISTICS (BOTH ON-SITE AND IMPORTED MATERIALS) AND COMPACTION PROCEDURES ARE LISTED BELOW. EARTHWORK OPERATIONS SHOULD NOT BEGIN UNTIL REPRESENTATIVE SAMPLES ARE COLLECTED AND TESTED (ALLOW 3 TO 4 DAYS FOR SAMPLING AND TESTING). THE MAXIMUM DRY DENSITY AND OPTIMUM MOISTURE CONTENT SHOULD BE DETERMINED:
 - 8.1. IMPORTED FILL AND ON-SITE MATERIAL SATISFACTORY FOR STRUCTURAL FILL SHOULD INCLUDE CLEAN SOIL MATERIAL WITH USCS CLASSIFICATIONS OF GW, GM, SW, SP, SM, SOME SC. THE FILL MATERIAL SHOULD HAVE A MODIFIED PROCTOR (ASTM D1557) MAXIMUM DRY DENSITY OF AT LEAST 100 PCF, A MAXIMUM LIQUID LIMIT OF 40 AND A PLASTICITY INDEX OF 20 OR LESS. SILT, CL. AND ML MATERIALS THAT EXCEED THE RECOMMENDED LIQUID LIMIT AND PLASTICITY INDEX VALUES SHOULD NOT BE USED AS STRUCTURAL FILL MATERIAL.
 - 8.2. ORGANIC CONTENT OR OTHER FOREIGN MATTER (DEBRIS) SHOULD BE NO GREATER THAN 3 PERCENT BY WEIGHT, AND NO LARGE ROOTS (GREATER THAN 1/4 INCH IN DIAMETER) SHOULD BE ALLOWED.
 - 8.3. MATERIAL UTILIZED AS FILL SHOULD NOT CONTAIN ROCKS GREATER THAN 3 INCHES IN DIAMETER OR GREATER THAN 30 PERCENT RETAINED ON THE 3/4 INCH SIEVE.
9. COMPACTION REQUIREMENTS:
 - 9.1. MAXIMUM LOOSE LIFT THICKNESS - 10 INCHES, MASS FILL; LOOSE LIFTS OF 4 TO 6 INCHES IN TRENCHES AND OTHER CONFINED SPACES WHERE HAND OPERATED EQUIPMENT IS USED.
 - 9.2. COMPACTION REQUIREMENTS - 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR (ASTM D 1557) COMPACTION TEST FOR STRUCTURES AND PAVEMENTS, THE TOP 12 INCHES OF FILL BENEATH THE BUILDING PAD AND FLEXIBLE PAVEMENT AREAS SHOULD BE COMPACTED TO 98 PERCENT OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY.
 - 9.3. SOIL MOISTURE CONTENT AT TIME OF COMPACTION - WITHIN +/- 2 PERCENT OF THE OPTIMUM MOISTURE CONTENT; FILL MATERIALS WITH GREATER THAN ABOUT 15% PASSING THE NO. 200 SIEVE WILL GENERALLY BE SENSITIVE TO EVEN SLIGHT CHANGES IN MOISTURE. THE MOISTURE CONTENT OF THESE SOILS SHOULD BE MAINTAINED SLIGHTLY BELOW THE OPTIMUM MOISTURE CONTENT IN ORDER TO HELP MITIGATE THE POTENTIAL FOR MOISTURE RELATED INSTABILITY DURING PLACEMENT AND COMPACTION.
10. TEST CRITERIA TO EVALUATE FILL AND COMPACTION:
 - 10.1. ONE MODIFIED PROCTOR COMPACTION TEST AND ONE ATTERBERG LIMITS TEST FOR EACH SOIL TYPE USED AS PROJECT FILL. GRADATION TESTS MAY BE NECESSARY AND SHOULD BE PERFORMED AT THE GEOTECHNICAL ENGINEER'S DISCRETION.
 - 10.2. STRUCTURE AREAS - ONE DENSITY TEST EVERY 2,500 SQUARE FEET FOR EACH LIFT OR TWO TESTS PER LIFT, WHICHEVER IS GREATER.
 - 10.3. PAVEMENT AREAS - ONE DENSITY TEST EVERY 500 LINEAR FEET PER LIFT FOR ROADWAY SECTIONS OR 10,000 SQUARE FEET PER LIFT FOR PARKING LOTS OR TWO TESTS PER LIFT, WHICHEVER IS GREATER.
 - 10.4. TRENCH FILL AREAS - ONE DENSITY TEST EVERY 75 LINEAR FEET PER LIFT OR TWO TESTS PER LIFT, WHICHEVER IS GREATER.

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GEORGIA
 REGISTERED
 PROFESSIONAL
 ENGINEER
 LICENSE NO. 51721
 L. HODSON/PC

Project Title
**CIRCLE K DIESEL EXPANSION
 CORDELE, GA (CRISP COUNTY)
 BY: CIRCLE K - SOUTH ATLANTIC DIVISION
 WAYCROSS, GA 31501**

| REVISIONS | BY |
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DRAWN BY RLP
CHECKED BY JLH
DATE 12/15/2020
SCALE 1" = 30'
JOB No. 19-LD-090
SHEET NUMBER DE-1

NOTE:
 THE GENERAL CONTRACTOR TO COORDINATE WITH CRISP COUNTY POWER COMMISSION ON WORK SCHEDULE & DURATION ASSOCIATED WITH THE RELOCATION OF THE EXISTING POWER LINES, AND SCHEDULE THEIR WORK AND IMPROVEMENTS IN THIS AREA ACCORDINGLY. THE GENERAL CONTRACTOR SHALL NOT USE THE POWER COMMISSION'S WORK SCHEDULE AS AN EXCUSE FOR PROJECT DELAYS.

DEWATERING NOTE:
 WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.

