



VICINITY MAP
N.T.S.



GRADING LEGEND

- EXISTING 1' CONTOUR
- EXISTING 5' CONTOUR
- FUTURE 1' CONTOUR
- FUTURE 5' CONTOUR
- EXISTING PROPERTY LINE
- EXISTING RIGHT-OF-WAY
- FUTURE RIGHT-OF-WAY
- GRADE ELEVATION
- STORM SEWER LINE
- RETAINING WALL
- JUNCTION BOX
- PRECAST CATCH BASIN
- AREA INLET
- DROPNILET
- SLOPE ARROW
- GRADE BREAK LINE
- SANITARY SEWER CLEAN-OUT

GRADING NOTES

1. FOR INFORMATION CONCERNING SITE SOIL CONDITIONS REFER TO "REPORT OF GEOTECHNICAL EXPLORATION" PREPARED BY UNIVERSAL ENGINEERING, LLC.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL DEBRIS NOT ACCEPTABLE TO THE OWNER AND ENGINEER.
3. IF CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, THE CONTRACTOR SHALL MAKE A TOPOGRAPHIC SURVEY AT THEIR OWN EXPENSE AND SUBMIT IT TO THE OWNER FOR REVIEW.
4. CONTRACTOR IS RESPONSIBLE FOR NOTIFYING ALL UTILITIES BEFORE CONSTRUCTION AND VERIFYING LOCATION OF ALL UTILITIES SHOWN OR NOT SHOWN.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION AND COST OF THE RELOCATION OF ALL UTILITIES ALONG THE RIGHT OF WAY AND ON THE SITE ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT, SUCH AS, BUT NOT LIMITED TO SIGNAL POLES, SIGNAL CONTROLS, DRAINAGE STRUCTURES, TRAFFIC SIGNS, UTILITY POLES, GUY WIRES, ETC.
6. IN ALL AREAS WHERE NEW CURB AND GUTTER ARE INSTALLED, REMOVE ALL OLD CURB AND GUTTER AND SAW CUT A STRAIGHT EDGE ALONG ASPHALT.
7. CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURBS, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
8. ALL SLOPES AND DISTURBED AREAS NOT COVERED BY BUILDING OR PAVEMENT SHALL BE GRADED SMOOTH AND RECEIVE 4 INCHES OF TOPSOIL. CONTRACTOR TO PROVIDE TOPSOIL IF NOT AVAILABLE ON SITE. THE AREAS SHALL BE SEEDED, MULCHED, FERTILIZED AND WATERED TO PROVIDE A HEARTY MOVABLE STAND OF GRASS.
9. SPOIL FROM FOOTINGS IS THE SITE CONTRACTOR'S RESPONSIBILITY. CONTRACTOR IS TO USE THE SOIL ON SITE OR REMOVE IT FROM THE SITE.
10. EARTHWORK SHALL BE ON AN UNCLASSIFIED BASIS.
11. ANY FILL USED TO INCREASE THE ELEVATION OF THE FLOOR SLAB OR ANY FILL TO BE USED AS BACKFILL, SHALL BE CLEAN, GRANULAR MATERIAL. PRIOR TO THE USE OF ANY GRANULAR FILL, GRADATION ANALYSIS SHALL BE PERFORMED ON REPRESENTATIVE SAMPLES OF THE FILL MATERIAL TO DETERMINE WHETHER THE MATERIAL IS SUITABLE AS FILL. COMPACTED FILL SHALL BE PLACED IN LAYERS OF NOT MORE THAN EIGHT INCHES IN THICKNESS, AT MOISTURE CONTENTS WITHIN THREE PERCENT OPTIMUM, AND COMPACTED TO MINIMUM DENSITY OF 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR METHOD, ASTM D-1557.
12. ALL SPOT ELEVATIONS ARE TOP OF PAVEMENT UNLESS OTHERWISE NOTED.
13. ALL SYSTEM MANHOLES AND PIPES TO BE FLUSHED CLEAN PRIOR TO TURNING OVER TO THE OWNER.
14. ALL PIPE LENGTHS LISTED ARE BASED ON THE HORIZONTAL DISTANCE FROM CENTER OF STRUCTURE AND USED FOR DESIGN.
15. THE CONTRACTOR IS RESPONSIBLE FOR COMPARING THE STORM SEWER AND SANITARY SEWER CHARTS WITH THE PROFILES FOR THE STORM SEWER AND SANITARY SEWER LINES AND INFORMING THE ENGINEER OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.

LINE	BEARING	DISTANCE
L1	S08°20'33"E	25.12'
L2	N03°28'47"E	35.18'

Order Plans @

811 NOTE:
 THE CONTRACTOR/INSTALLER SHALL ADHERE TO THE GEORGIA UTILITIES PROTECTION CENTER "GEORGIA 811" CALL BEFORE YOU DIG" LAW BY CALLING THE UNDERGROUND PROTECTION CENTER AT 1.800.282.7411 OR 811 48 HOURS PRIOR TO BEGINNING ANY GROUND DISTURBING ACTIVITIES.



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REVISIONS	
DATE	DESCRIPTION

GRADING PLAN

PROJECT NUMBER: 19-0103
 DATE: OCTOBER 1, 2019

C-04