

Know what's below.
Call before you dig.

GRADING PLAN NOTES:

1. TOPOGRAPHIC INFORMATION WAS TAKEN FROM A TOPOGRAPHIC SURVEY BY HARKLERGAD AND ASSOCIATES 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 FOR REVIEW.
2. CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING STORM SEWER STRUCTURES, PIPES, AND ALL UTILITIES PRIOR TO CONSTRUCTION.
3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF ALL EXISTING UTILITIES (ABOVE AND BELOW GROUND) AS SHOWN ON THESE PLANS ARE APPROXIMATE AND WERE LOCATED BASED ON EITHER VISUAL OBSERVATIONS AT THE SITE, EXISTING SURVEYS, AND/OR FROM UTILITY OWNERS.
4. RACETRAC PETROLEUM DOES NOT GUARANTEE THAT EXISTING UTILITY LOCATIONS ARE EXACT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXACT LOCATIONS OF EXISTING UTILITIES (ABOVE AND BELOW GROUND) BEFORE BEGINNING ANY CONSTRUCTION. THE CONTRACTOR SHALL CALL APPROPRIATE UTILITY COMPANIES AND THE UTILITIES PROTECTION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF UTILITIES.
5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY OWNER AND/OR ENGINEER OF ANY UTILITY CONFLICTS WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
6. ALL CUT OR FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED.
7. EXISTING DRAINAGE STRUCTURES TO BE INSPECTED AND REPAIRED AS NEEDED, AND EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILTS AND DEBRIS.
8. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER.
9. ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
10. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING AND COVERS.
11. THE CONTRACTOR SHALL ADHERE TO ALL TERMS AND CONDITIONS AS OUTLINED IN THE GENERAL N.D.S. PERMIT FOR STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
12. CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDING AND FOR ALL NATURAL AND PAVED AREAS.
13. ALL UN-SURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE 4 INCHES OF TOPSOIL. CONTRACTOR SHALL PROVIDE DISTURBED AREAS IN ACCORDANCE WITH CITY / COUNTY SPECIFICATIONS UNTIL HEALTHY STAND OF GRASS IS OBTAINED.
14. ALL RETAINING WALLS TO BE PROTECTED DURING BACKFILL BY CONTRACTOR. THIS INCLUDES BUT IS NOT LIMITED TO, PROVIDING AND INSTALLING PROPER BRACING DURING BACKFILL BEING PLACES ADJACENT TO RETAINING WALLS.
15. CONTRACTOR TO REVIEW BORING LOGS PROVIDED BY RACETRAC.
16. CLEARING AND GRUBBING LIMITS SHALL INCLUDE ALL AREAS DISTURBED BY GRADING OPERATIONS. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UNDISTURBED AREAS, ALL PROPERTY CORNERS, AND REPLACING ALL PINS ELIMINATED OR DAMAGED DURING CONSTRUCTION.
17. PROPOSED SPOT ELEVATIONS REPRESENT FINISHED PAVEMENT OR GROUND SURFACE GRADE UNLESS OTHERWISE NOTED ON DRAWINGS.
18. CONTRACTOR SHALL TRIM, JACK, AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS EXISTING PAVEMENT.
19. ALL GRADING OPERATIONS SHALL BE STAKED BY A REGISTERED CIVIL ENGINEER OR LICENSED LAND SURVEYOR APPROVED BY THE OWNER.
20. EXISTING MANHOLES AND VALVE BOXES TO REMAIN IN PLACE SHALL BE ADJUSTED TO FINAL GRADES.
21. CONTRACTOR TO READ GEOTECHNICAL REPORT BY ECS (PROJECT NO. 10-949)

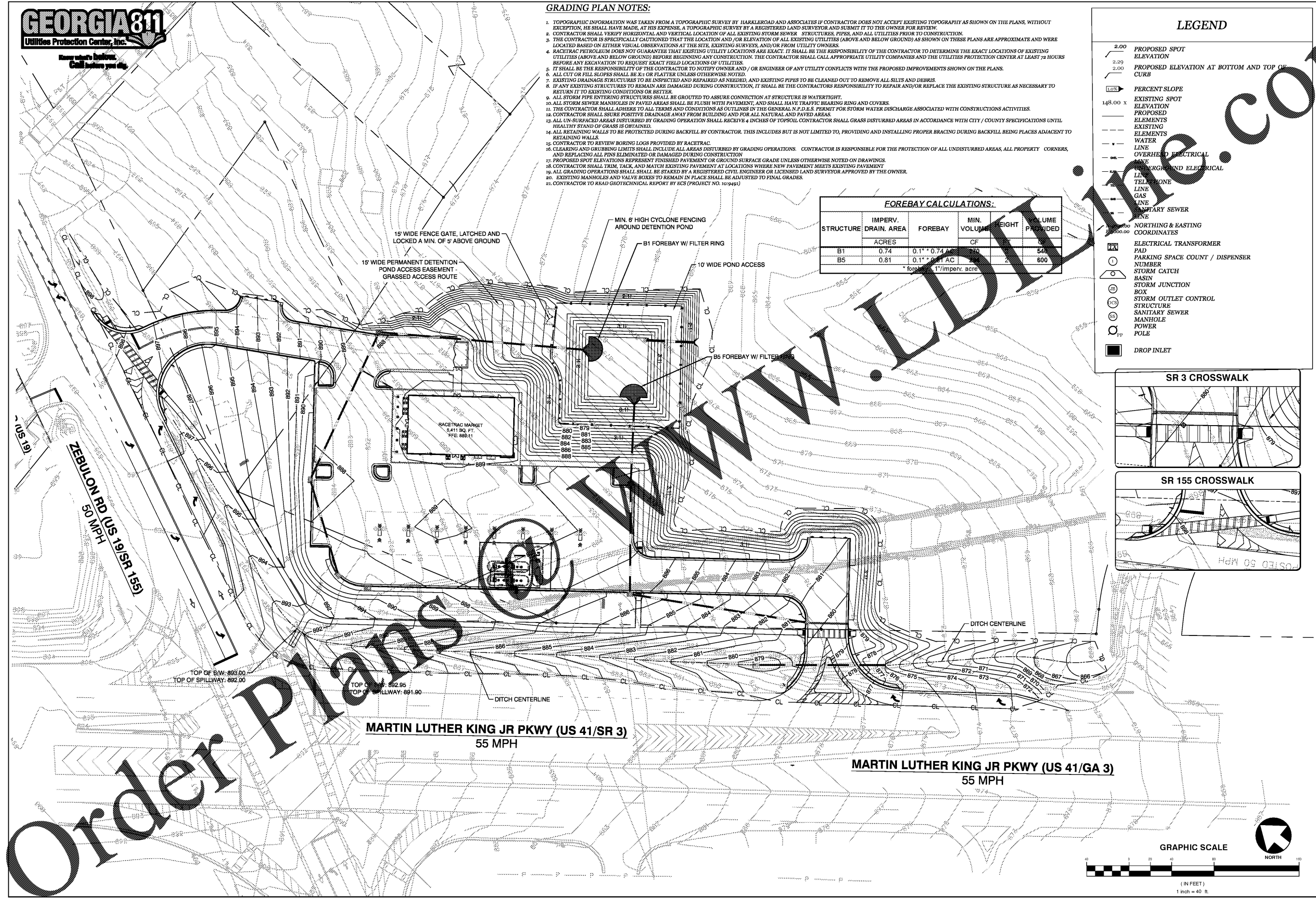
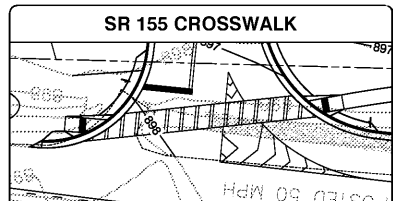
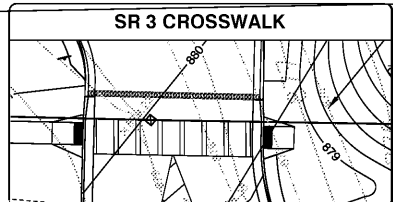
FOREBAY CALCULATIONS:

STRUCTURE	IMPERV. DRAIN. AREA ACRES	FOREBAY	MIN. VOLUME CF	HEIGHT	VOLUME PROVIDED
B1	0.74	0.1' * 0.74 AC	210	2.0	540
B5	0.81	0.1' * 0.81 AC	243	2.5	600

* forebay 1' / imperv. acre

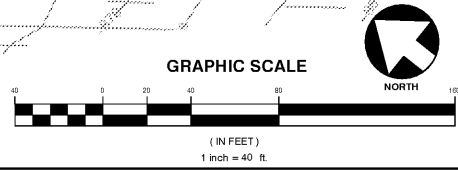
LEGEND

- 2.00 PROPOSED SPOT ELEVATION
- 2.30 PROPOSED ELEVATION AT BOTTOM AND TOP OF CURB
- 148.00 x PERCENT SLOPE
- EXISTING SPOT ELEVATION
- PROPOSED ELEMENTS
- EXISTING ELEMENTS
- WATER LINE
- OVERHEAD ELECTRICAL LINE
- UNDERGROUND ELECTRICAL LINE
- TELEPHONE LINE
- GAS LINE
- SEWERY LINE
- NORTHING & EASTING COORDINATES
- ELECTRICAL TRANSFORMER
- PAD
- PARKING SPACE COUNT / DISPENSER NUMBER
- STORM CATCH BASIN
- STORM JUNCTION BOX
- STORM OUTLET CONTROL STRUCTURE
- SANITARY SEWER MANHOLE
- POWER POLE
- DROP INLET



Order Plans

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10/24/2018
7/24/2017
07/06/2018
07/06/2018
12/12/2017
12/12/2017
12/20/2017
09/15/2017

9. REVISED PER SPALDING CO COMMENTS
7. REVISED PER SPALDING CO. CITY OF GRIFFIN / RT INTERNAL COMMENTS
6. REVISED PER FEE DROP OF 4'
5. REVISED PER FEE DROP OF 4'
4. REVISED SET DRAINAGE IN ROW PER GOOD COMMENTS
3. REVISED SET PER SPALDING COUNTY PLAN REVIEW
2. REVISED SET PER RT INTERNAL REVIEW / SPALDING COUNTY PLAN REVIEW
1. REVISED SET PER RT INTERNAL REVIEW / SPALDING COUNTY PLAN REVIEW

NO. NO. REVISIONS

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REGISTERED PROFESSIONAL ENGINEER
No. 22518
A. R. KAREEM, P.E.

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Racetrac
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Grading Plan
RACETRAC MARKET
RaceTrac Griffin
1638 US Hwy 41
Spalding County

DATE: 7-24-17
DRAWN-BY: JDE
CHECK-BY: AKA
DRAWING NAME: 16-136
C-2.1 REV 9
SHEET NO. REVISION