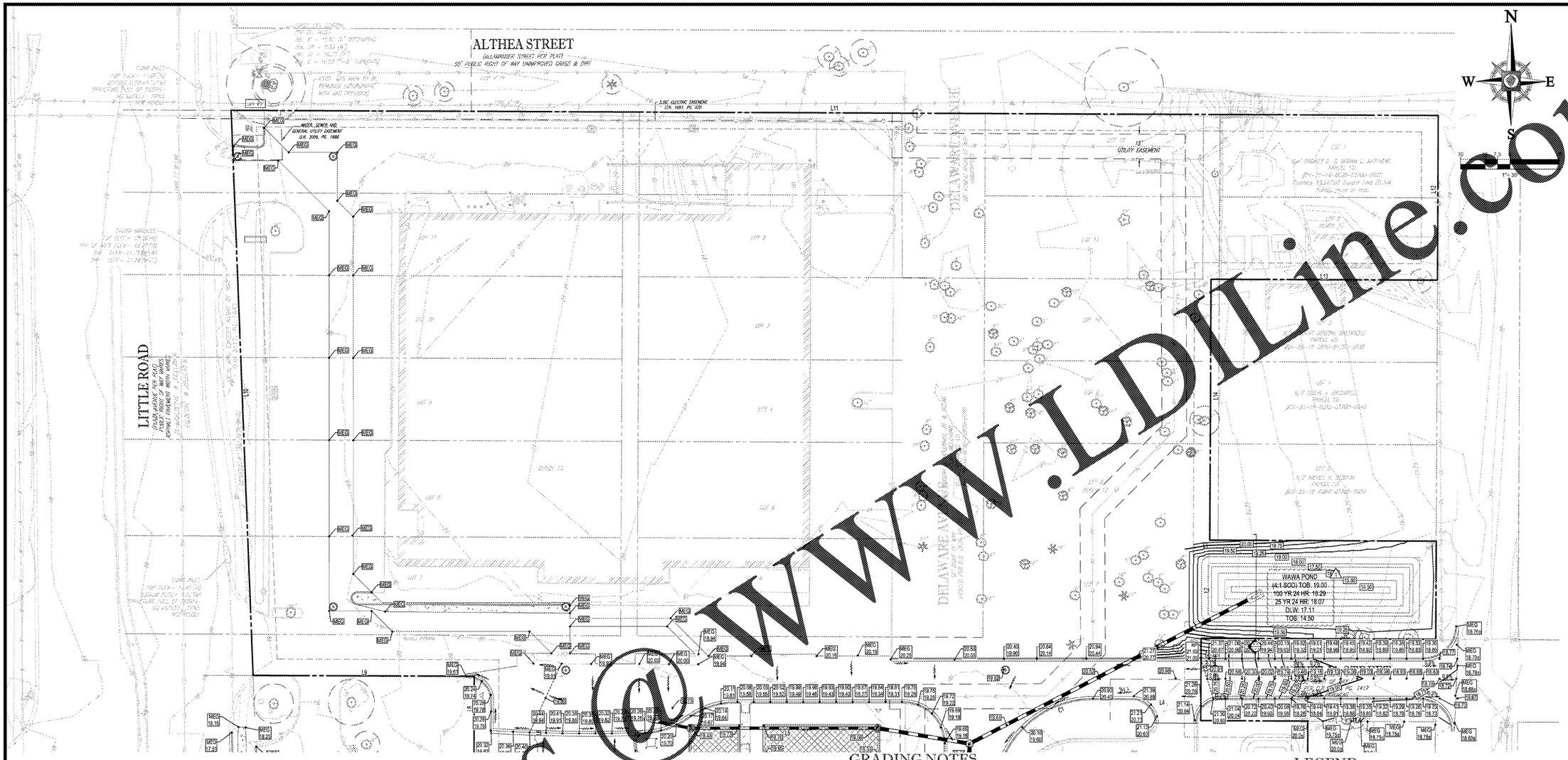

Order Plans @ WWW.LDILine.COM

GRADING NOTES

1. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES INCLUDING REMOVAL OF ANY EXISTING UTILITIES SERVING THE STRUCTURE. UTILITIES ARE TO BE REMOVED TO THE RIGHT-OF-WAY.

2. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF 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 COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

3. ALL CUT OR FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED.

4. PRECAST STRUCTURES MAY BE USED AT CONTRACTORS OPTION.

5. STORM PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED: (SEE MASTER SITE SPECIFICATIONS SECTION 02630 FOR ALLOWED MATERIALS. CEC TO LIST SPECIFIC PIPE MATERIALS ON THIS PLAN IF REQUIRED.)

6. EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.

7. EXISTING GRADE CONTOUR INTERVALS SHOWN AT 1 FOOT.

8. PROPOSED GRADE CONTOUR INTERVALS SHOWN AT 1 FOOT INTERVALS.

9. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER.

10. ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.

11. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE. LIDS SHALL BE LABELED "STORM SEWER".

12. THE CONTRACTOR SHALL ADHERE TO ALL TERMS & CONDITIONS AS OUTLINED IN THE EPA OR APPLICABLE STATE GENERAL N.P.D.E.S. PERMIT FOR STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES AND THE WALMART SPECIAL CONDITIONS, SECTION 8, ENVIRONMENTAL COMPLIANCE AND STORM WATER POLLUTION PREVENTION. THIS APPLIES TO WALMART BUILT PROJECTS ONLY.

13. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.

14. CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS.

15. TOPOGRAPHIC INFORMATION IS TAKEN FROM A TOPOGRAPHIC SURVEY BY LAND SURVEYORS. IF THE CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, THEN THE CONTRACTOR SHALL SUPPLY, AT THEIR EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR TO THE OWNER FOR REVIEW.

16. ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE 4 INCHES OF TOPSOIL. CONTRACTOR SHALL APPLY STABILIZATION FABRIC TO ALL SLOPES 3H:1V OR STEEPER. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH GOVERNING SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.

17. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.

18. ALL STORM STRUCTURES SHALL HAVE A SMOOTH UNIFORM POURED MORTAR INVERT FROM INVERT IN TO INVERT OUT.

LEGEND

- EXISTING PROPERTY LINE
- PROPOSED RIGHT-OF-WAY DEDICATION
- PROPOSED LOT LINES
- PROPOSED RIDGE LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SPOT GRADE
- PROPOSED FLOW ARROW
- PROPOSED GRATE INLET
- PROPOSED CURB INLET
- PROPOSED MANHOLE
- PROPOSED SIPHONIC BREAK CONCRETE STORM MANHOLE (MUST HAVE VENTED MANHOLE) SEE DETAIL SHEET
- PROPOSED MITERED END SECTION
- PROPOSED STORM SEWER PIPE

CONTRACTOR SHALL CONTACT 811 FOR LOCATION OF ALL UTILITIES, AT LEAST 72 HOURS PRIOR TO BEGINNING CONSTRUCTION

DEWATERING NOTE:

WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS. REFER TO MASTER SITE SPECIFICATIONS.

BOHLER ENGINEERING
SITE/CIVIL ENGINEERING • LAND SURVEYING • LANDSCAPE ARCHITECTURE
PROGRAM MANAGEMENT • PERMITTING SERVICES • CONSTRUCTION SERVICES
SUSTAINABLE DESIGN
UPSTATE NEW YORK
LONG ISLAND
BOSTON, MA
NEW YORK METRO
PHILADELPHIA, PA
NEW JERSEY
SOUTHEASTERN, PA
REHOBOTH BEACH, DE
RALEIGH, NC
CHARLOTTE, NC
TAMPA, FL
SOUTH FLORIDA
NORTHERN VIRGINIA
RICHMOND, VIRGINIA
SOUTHERN MARYLAND

THE ARCHITECTURAL DESIGN AND CONTENT OF THIS PLAN ARE PROPRIETARY AND SHALL NOT BE COPIED OR USED ON OTHER PROJECTS WITHOUT THE EXPRESS WRITTEN CONSENT OF BOHLER ENGINEERING. ALL COPYRIGHTS AND OTHER PROPERTY RIGHTS ARE RESERVED BY BOHLER ENGINEERING. ANY UNAUTHORIZED USE OF THESE PLANS AND DESIGNS WITHOUT THE SPECIFIC WRITTEN PERMISSION OF BOHLER ENGINEERING WILL BE SUBJECT TO LEGAL ACTION.

REVISIONS

REV	DATE	COMMENT	BY
2	2017-07-11	PER COUNTY, SWFWMD & FDOT COMMENTS	JDP
3	2017-10-13	PER COUNTY COMMENTS	JDP
4	2017-10-27	PER FDOT COMMENTS	JDP
5	2017-11-30	PER COUNTY UTILITY COMMENTS	JDP
6	2018-01-02	PER COUNTY & FDOT COMMENTS	JDP
7	2018-01-25	PER FDOT COMMENTS	JDP
8	2018-02-06	PER FDOT COMMENTS	JDP
9	2018-04-05	HYDRANT PER FIRE MARSHAL	JDP
10	2018-09-07	WAWA BID SET	JDP
11	2018-10-03	PER ROW COMMENTS	SKK

811 KNOW WHAT'S BELOW ALWAYS CALL 811 BEFORE YOU DIG
It's fast. It's free. It's the law.
www.callsunshine.com

PERMIT SET

PROJECT No.:	FLT160078
DRAWN BY:	JDP
CHECKED BY:	KSM
DATE:	11/03/2016
SCALE:	1" = 30'
CAD I.D.:	GPO

PROJECT:

WAWA SR 52 & LITTLE RD

FOR

RMC PROPERTY GROUP

LOCATION OF SITE
9021 STATE ROAD 52
HUDSON, FLORIDA 34669
PASCO COUNTY

BOHLER ENGINEERING
3820 NORTHDALE BLVD., SUITE 300B
TAMPA, FLORIDA 33624
Phone: (813) 812-4100
Fax: (813) 812-4101
FLORIDA BUSINESS CERT. OF AUTH. No. 30765
LANDSCAPE ARCHITECT BUSINESS LIC. No LC26000551

10/5/2018

SHEET TITLE:

GRADING & DRAINAGE PLAN

SHEET NUMBER:

C-6.1