1 2 3 4 5 6 7 8 9

A B C D E F

GRADING NOTES

1. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES INCLUDING REMOVAL OF ANY EXISTING UTILITIES. 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: HDPE
6. EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
7. EXISTING GRADE CONTOUR INTERVALS SHOWN AT 1'.
8. PROPOSED GRADE CONTOUR INTERVALS SHOWN AT 1' INTER
9. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTIO LL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING ST E AS NECESS RETURN IT TO EXISTING CONDITIONS OR BETTER.
10. ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO A CONNECTIO STRUCTURE WATERTIGHT.
11. ALL STORM SEWER MANHOLES ED AREAS SHALL BE FLUSH WITH P ENT, AND S AVE TRAFFIC BEARING RING & COVERS. N UNPAVED AREAS SHALL BE 6" ABO NISH GRADE HALL BE LABELED "STORM SEWER".
12. THE CONTRACTO HALL ADHERE T ERMS & CONDITIONS AS OUTLINED EPA OR APPLICABLE STATE GENE .E.S. PERMIT FO RM WATER DISCHARGE ASSOCIATE CONSTRUCTION ACTIVITIES AND ECIAL CONDITIO CTION 8. ENVIRONMENT L COMPL CE AND STORM WATER POLLUTION PREVE
13. CONTRACTOR SHALL ST AND/OR CUT G PAVEMENT AS ESSARY TO ASSURE A SMOOTH FIT CONTINUOUS GR
14. R SHALL ASS OSITIVE DRAINA M BUILDINGS FOR ALL NATURAL AND PAVED AREAS.
15. TOPOGRA ORMATION EN FROM A OGRAPHIC SURVEY BY LAND SURVEYORS. IF THE CONTRACTO S NOT ACCE STING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, THEN THE CO TOR SHALL THEIR EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEY THE OWNER EVIEW
16. ALL UNSURFAC REAS DIST ED BY GRADING OPERATION SHALL RECEIVE 4 INCHES OF TOPSOIL. CONTRACTOR L APPLY STABILIZATION FABRIC TO ALL SLOPES 3H:1V OR STEEPER. CONTRACTOR SHALL STABILIZE DIS ED AREAS IN ACCORDANCE WITH GOVERNING SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATIO OBTAINED.
17. CONSTRUC N SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
18. M STRUCTURES SHALL HAVE A SMOOTH UNIFORM POURED MORTAR INVERT FROM INVERT IN TO T OUT.
19. THIS PLAN IS BASED UPON A GEOTECHNICAL REPORT PREPARED BY ECS , ENTITLED "FINAL REPORT OF SUBSURFACE EXPLORATION, LABORATORY TESTING, AND GEOTECHNICAL ENGINEERING ANALYSES,WAL-MART SUPERCENTER #1904-05, LEESBURG, LOUDOUN COUNTY, VIRGINIA" (PROJECT NO. 01:21314-A) DATED JUNE 11,2014, REVISED MARCH 19,2015.
20. CONTRACTOR TO ADJUST ANY EXISTING STRUCTURES TO PROPOSED GRADE IN ANY AREA OF PROPOSED GRADING.
21. EXISTING TEMPORARY STORM DRAIN EASEMENT INSTR. #201510210070499 SHALL BE VACATED UPON INSTALLATION OF ALL PERMANENT STORM SEWER STRUCTURES AND PIPES.
22. CONTRACTOR MUST REFER TO ARCHITECTURAL DRAWINGS FOR TRUCK WELL SCREEN WALL HEIGHTS.

FOUNDATION SUBSURFACE PREPARATION INFORMATION, SEE SHEET C-14

GRADING LEGEND

EXISTING NOTE	TYPICAL NOTE TEXT	PROPOSED NOTE
120 / 125	CONTOUR LINE	
TC 516.0 / BC 515.5	SPOT ELEVATIONS	TC 516.00; TC 516.00 / BC 515.55
SAN #	SANITARY LABEL	
STM #	STORM LABEL	STM #
[symbol]	STORM SEWER	[symbol]
D	STORM MANHOLE	D
[symbol]	TYPICAL END SECTION	[symbol]
[symbol]	HEADWALL OR ENDWALL	[symbol]
[symbol]	YARD INLET	[symbol]
[symbol]	CURB INLET	[symbol]
[symbol]	MONITORING WELL	[symbol]
[symbol]	BORING	[symbol]
[symbol]	BENCHMARK	[symbol]
[symbol]	TEST PIT	[symbol]
[symbol]	LIMITS OF DISTURBANCE	[symbol]

ALERT TO CONTRACTOR:

ALL GENERAL CONTRACTOR WORK TO BE COMPLETED (EARTHWORK, FINAL UTILITIES, AND FINAL GRADING) BY THE MILESTONE DATE IN PROJECT DOCUMENTS.

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.

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

REVISIONS	BY
1 REVISED PER COUNTY AND TOWN COMMENTS	ZM
2 REVISED TY AND TO N COMMENTS	
3 REVIS PER COUNTY AND TO N COMMENTS	GRP

THE FOLLOWING STATES REQUIRE NOTIFICATION BY EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN THE STATE: IN VIRGINIA, MARYLAND, THE DISTRICT OF COLUMBIA, NORTH CAROLINA AND DELAWARE CALL 811 (WV 1-800-245-4848) (PA 1-800-242-1776) (DC 1-800-257-7777) (VA 1-800-552-7001) (MD 1-800-257-7777) (DE 1-800-282-8555)

BOHLER ENGINEERING
22636 DAVIS DRIVE, SUITE 250
STERLING, VIRGINIA 20164
Phone: (703) 709-9500
Fax: (703) 709-9501
VA@BohlerEng.com

GRADING PLAN

WALMART SUPERCENTER #1904-005 - SPAM #1
CATOCTIN ELECTION DISTRICT
LEESBURG, LOUDOUN COUNTY, VA

WAL-MART STORES, INC.
BENTONVILLE, AR

DRAWN	GRP
CHECKED	MJB
DATE	12/22/16
SCALE	1" = 30'
JOB No.	S148000
SHEET	C-12

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