

SCHEDULES, INFORMATION AND SUMMARY TABLES

SOIL EROSION/SEDIMENTATION CONTROL OPERATION TIME SCHEDULE

NOTE: GENERAL CONTRACTOR TO COMPLETE TABLE WITH THEIR ESTIMATED PROJECT SCHEDULE

CONSTRUCTION SEQUENCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
TEMPORARY CONSTRUCTION EXITS																									
TEMPORARY CONTROL MEASURES																									
SEDIMENT CONTROL BASINS/STRIPS																									
STRIP & STOCKPILE TOPSOIL																									
ROUGH GRADING																									
STORM FACILITIES																									
SITE CONSTRUCTION																									
FINISH GRADING																									
PERMANENT CONTROL STRUCTURES																									
FOUNDATION / BUILDING CONSTRUCTION																									
LANDSCAPING/BEEDFINAL STABILIZATION																									

1) CONTRACTOR MUST COMPLETE TABLE WITH ESTIMATED DATES OR PROJECT ACTIVITIES PRIOR TO BMP CERTIFICATION
2) THIS SCHEDULE MUST CONCLUDE WITH THE SWPPP IMPLEMENTATION SEQUENCE

LAST REVISED: APRIL 30, 2011
WAL-MART STANDARD DETAIL

ACREAGE SUMMARY (IN ACRES)

1	WAL-MART PROPERTY AREA	20.55
2	PERMITTED AREA WITHIN WAL-MART PROPERTY	20.55
3	PERMITTED AREA OUTSIDE OF WAL-MART PROPERTY	0.50
4	TOTAL PERMITTED PROJECT AREA (NET) (WAL-MART)	21.05
5	IMPERVIOUS AREA BEFORE PROJECT	0
6	IMPERVIOUS AREA AT COMPLETION	16.63
7	PERVIOUS AREA AT COMPLETION	4.42

LAST REVISED: JUNE 2013
WAL-MART STANDARD DETAIL

OFF-SITE RUN-ON SUMMARY

OFF-SITE DRAINAGE AREA	FLOW (CFS)	AREA (ACRES)	AVERAGE SLOPE	MAXIMUM SLOPE	COVER TYPE
AREA 1	-	-	-%	-%	
AREA 2	-	-	-%	-%	
***	-	-	-%	-%	

NOTE: MINIMAL AREAS OF OFF-SITE RUN-ON ARE EXPECTED AND ARE NOT OF CONCERN FOR THIS PROJECT.

LAST REVISED: JUNE 2012
WAL-MART STANDARD DETAIL

RUNOFF COEFFICIENT SUMMARY

PRE-CONSTRUCTION RUNOFF COEFFICIENT:	"C" = 0.30
POST-CONSTRUCTION RUNOFF COEFFICIENT:	"C" = 0.85

LAST REVISED: JUNE 2012
WAL-MART STANDARD DETAIL

SITE LOCATION SUMMARY

ADDRESS: COMPASS CREEK PARKWAY, LEESBURG, LOUDOUN COUNTY, VIRGINIA

CENTER OF SITE:

LATITUDE: N 39°04' 53.80"

LONGITUDE: W 77°33' 43.55"

ADJACENT SURROUNDING PROPERTIES: THE PROPERTY EAST OF THE SITE IS THE LEESBURG EXECUTIVE AIRPORT. AREAS TO THE NORTH AND SOUTH ARE PART OF THE CROSSRAIL COMMERCIAL CENTER WHICH WILL BE DEVELOPED IN THE FUTURE. THE AREA WEST OF THE SITE IS BORDERED BY HAWLING FARM BOULEVARD.

LAST REVISED: JUNE 2012
WAL-MART STANDARD DETAIL

SITE TOPOGRAPHY SUMMARY

LOWEST ELEVATION OF PROJECT SITE: 349.8'

HIGHEST ELEVATION OF PROJECT SITE: 372.13'

PERCENT SLOPE VARIATION: RELATIVELY FLAT TO SOUT TO EXISTING ELEVATIONS. GROUND SURFACE ELEVATIONS RANGE FROM 349.8 FEET TO 351.1 FEET.

TOPOGRAPHY CHANGES: THE TOPOGRAPHY WILL BE LOWERED APPROXIMATELY 3 FEET ON AVERAGE.

VEGETATION: THE EXISTING SITE IS PRIMARILY PERVIOUS WITH MOSTLY GRASS COVER.

AVERAGE SLOPE: EXISTING AVERAGE SLOPE ON SITE RANGES BETWEEN 2% AND 3:1 SLOPES.

LAST REVISED: JUNE 2013
WAL-MART STANDARD DETAIL

SITE SOILS SUMMARY

SOIL TYPE AND TEXTURE: IN GENERAL, BORINGS ENCOUNTERED 1 - 12 INCHES OF TOPSOIL, UNDERLAIN BY 3 - 22 FEET OF CLAY AND SILT, UNDERLAIN BY WEATHERED ROCK. CLAY AND SILT WERE GENERALLY VERY LOOSE TO EXTREMELY DENSE, AND WERE POORLY DRAINED. BASED ON GEOTECHNICAL FINDINGS BY ECS.

AVERAGE DEPTH OF TOPSOIL: 1 - 12 INCHES

AVERAGE DEPTH TO GROUNDWATER: AVERAGE DEPTH OF GROUNDWATER RANGED BETWEEN 12 - 25 FEET BELOW GROUND SURFACE ON THE PROJECT SITE.

NOTE: THE ABOVE SOILS INFORMATION IS FOR INFORMATION ONLY AND SHOULD NOT BE USED FOR BIDDING PURPOSES.

THE INFORMATION ABOVE IS REFERENCED FROM 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.

LAST REVISED: JUNE 2012
WAL-MART STANDARD DETAIL

SITE RAINFALL SUMMARY

AVERAGE RAINFALL BY INCHES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	2.83	2.76	3.66	3.62	4.72	3.94	3.70	3.50	4.02	3.58	3.58	3.07

THE TOTAL AVERAGE ANNUAL RAINFALL FOR THE PROJECT AREA IS: 42.98 INCHES

THE DESIGN RAIN EVENT FOR THE PROJECT IS: 2 YEAR (5.01 IN/HR) AND 10 YEAR (6.75 IN/HR) STORM EVENTS AS MANDATED BY COUNTY OF LOUDOUN GUIDELINES FOR A 5 MIN TIME OF CONCENTRATION.

LAST REVISED: JUNE 2012
WAL-MART STANDARD DETAIL

VEGETATED STRIPS OR BUFFERS

BUFFER NAME	BUFER AREA (ACRES)	INCLUDE ORIENTATION DESCRIPTION AND ADJACENT WATERS OF THE US
N/A		N/A

NOTES:
1. PRESERVE VEGETATED AREAS THROUGHOUT THE CONSTRUCTION PROJECT. ESTABLISH VEGETATION IN DISTURBED AREAS PER STABILIZATION DETAILS.
2. MAINTAIN AND PROTECT VEGETATED STRIPS OR BUFFERS PRIOR TO EARTH DISTURBING ACTIVITIES.
3. SELECT VEGETATED STRIPS OR BUFFERS AS REQUIRED.

LAST REVISED: JUNE 2013
WAL-MART STANDARD DETAIL

DEVELOPER/OWNER:
WAL-MART REAL ESTATE BUSINESS TRUST
MAIL STOP 5570
2001 SE 10TH STREET
BENTONVILLE, AR
72716-5570
479-204-3314

SITE OPERATOR/GENERAL CONTRACTOR:

SUPERINTENDENT:

FOR CONTRACTOR USE,
NOT FOR COUNTY REVIEW

EROSION AND SEDIMENT SCHEDULES, INFORMATION, AND SUMMARY TABLES

REVISIONS

REVISIONS	BY
△ REVISED PER COUNTY AND TOWN COMMENTS	
△ REVISED PER COUNTY AND TOWN COMMENTS	
△ REVISED PER COUNTY AND TOWN COMMENTS	




THE FOLLOWING STATE REQUIREMENTS BY LOCALITY, REGIONAL OR ANY OTHER PROVISIONS TO DISTURB THE EARTH'S SURFACE AS AUTHORIZED BY THE STATE OF VIRGINIA HAVING THE DISTRICT OF COLONIAL NORTH CAROLINA AND DELAWARE, LAC-315 001-00000-000-014 1402-201 1775-001 1800-201 1775-001 1800-201 1775-001 1800-201 1775-001

BOHLER ENGINEERING

22836 DAVIS DRIVE, SUITE 280
STERLING, VIRGINIA 20164
Phone: (703) 759-8500
Fax: (703) 759-9501
VA@BohlerEng.com

EROSION AND SEDIMENT SCHEDULES INFORMATION AND SUMMARY TABLES
WAL-MART SUPERCENTER #1904-005 - SPAM #1
CATACTIN ELECTION DISTRICT
LEESBURG, LOUDOUN COUNTY, VA
WAL-MART STORES, INC.
BENTONVILLE, AR



DRAWN	GRP
CHECKED	MJB
DATE	12/22/16
SCALE	N/A
JOB No.	S148890
SHEET	

SW-11

SHEET 45 OF 103

Order Plans @ www.ldilines.com