

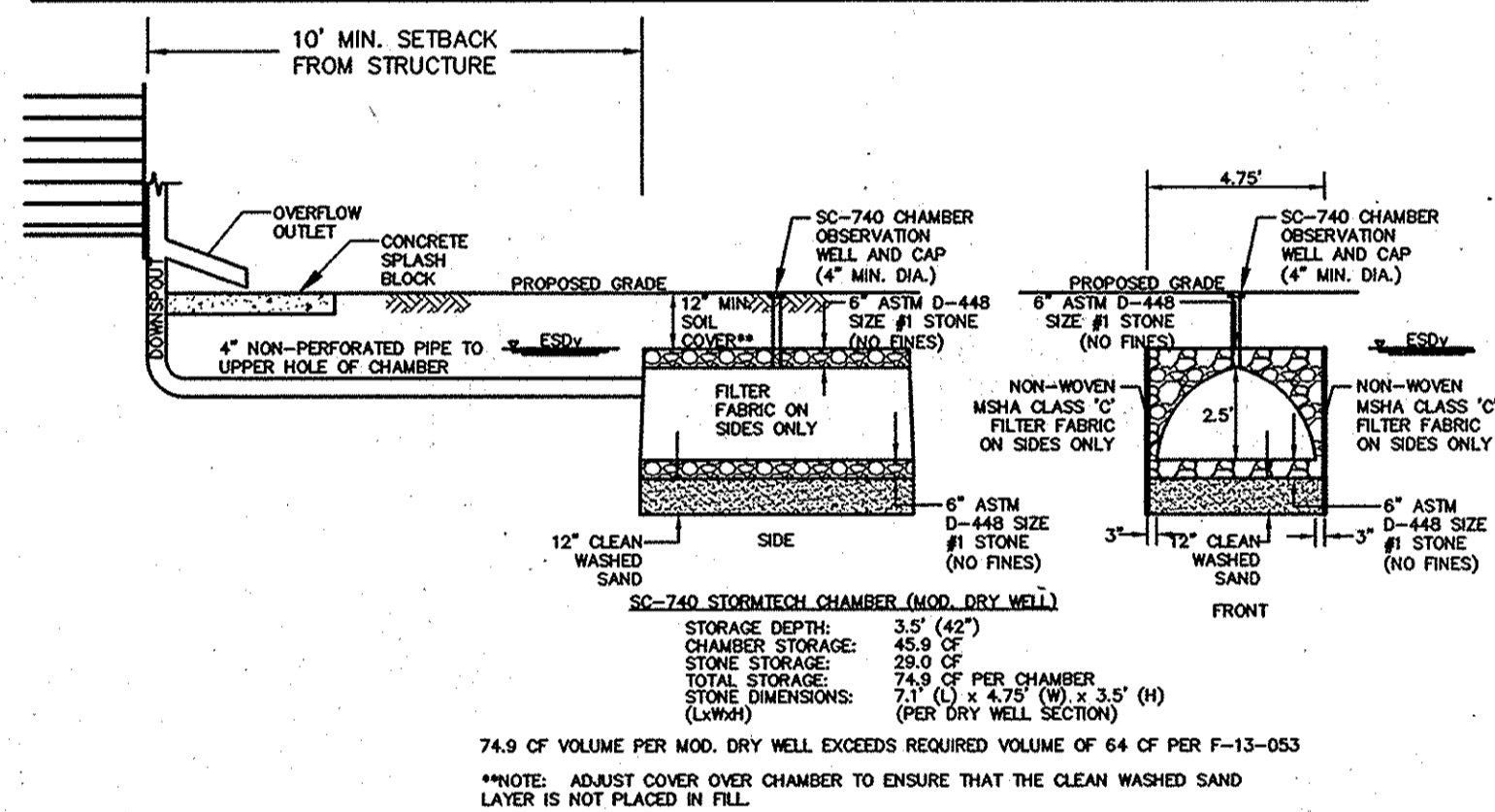


SOILS LEGEND		
SYMBOL	NAME / DESCRIPTION	SOIL GROUP
CHB	CHILLUM-RUSSETT LOAM, 2 TO 5 PERCENT SLOPES	B
Soc	SASSAFRAS LOAM, 5 TO 10 PERCENT SLOPES	B

**LEGEND**

- 472 --- EXISTING CONTOURS
- 470 --- PROPOSED CONTOURS
- 100 --- LIMIT OF DISTURBANCE
- SSF --- SUPER SILT FENCE
- SCE --- STABILIZED CONSTRUCTION ENTRANCE
- RD --- ROOF DRAIN LEADER
- M-5 --- MODIFIED DRY WELL (M-5); SEE DETAIL, SHEET 3
- (Hatched) --- AREA TREATED BY M-5, MODIFIED DRY WELL
- (Hatched) --- ROOFTOP DISCONNECTION (N-1) FLOW PATH
- (Hatched) --- AREA TREATED BY N-1, ROOFTOP DISCONNECTION
- (Hatched) --- NON-ROOFTOP DISCONNECTION (N-2) TREATMENT AREA
- (Hatched) --- AREA TREATED BY N-2, NON-ROOFTOP DISCONNECTION
- (Hatched) --- NON-ROOFTOP DISCONNECTION (N-2) TREATMENT AREA FOR USE-IN-COMMON DRIVEWAY AREA
- (Dashed) --- EXISTING TREELINE
- (Circle) --- EXISTING TREES APPROVED UNDER F-13-084.
- (Cross-hatched) --- EXIST. 20' PUBLIC SEWER & UTILITY EASEMENT (PLAT #22763)
- (Hatched) --- EX. 30' PRIVATE SWM DRAINAGE & UTILITY AND USE-IN-COMMON DRIVEWAY EASEMENT FOR THE USE AND BENEFIT OF LOTS 1 THRU 4, PLAT #22763
- (Star) --- SOIL BORING LOCATION

SEE PLANS APPROVED UNDER F-13-084 FOR CONSTRUCTION DETAILS AND NOTES FOR THE USE-IN-COMMON DRIVEWAY THAT SERVES LOTS 1-4.



**MODIFIED DRY WELL (M-5) DETAIL**

**OWNER**  
 T-2 LAND, LLC  
 5300 DORSEY HALL DRIVE  
 SUITE 102  
 ELLICOTT CITY, MD 21042

**BUILDER**  
 BURKARD HOMES, LLC  
 5300 DORSEY HALL DRIVE, SUITE 102  
 ELLICOTT CITY MD 21043  
 (443)367-0422

**DEVELOPERS CERTIFICATE**

I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE NATURAL RESOURCE CONSERVATION SERVICE.

Signature of Developer: *Tim Dinkel*  
 DATE: 11/3/14

**ENGINEER'S CERTIFICATE**

I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATURAL RESOURCE CONSERVATION SERVICE.

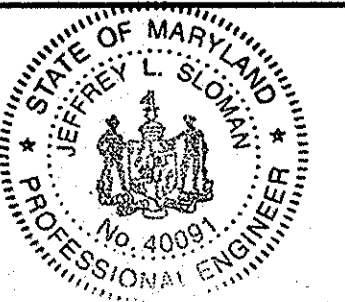
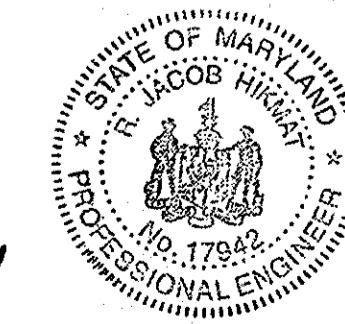
Signature of Engineer: *Jeffrey S. Slovan*  
 DATE: 11/3/14

Signature of Director: *John P. Long*  
 DATE: 11/3/14

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION  
 DATE: 11-20-14

CHIEF, DIVISION OF LAND DEVELOPMENT  
 DATE: 11-25-14

DIRECTOR  
 DATE: 11-25-14



*M*  
 2/12/15

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 40091, EXP. DATE 2/13/15.

Signature: *Jeffrey S. Slovan*  
 DATE: 11/3/14

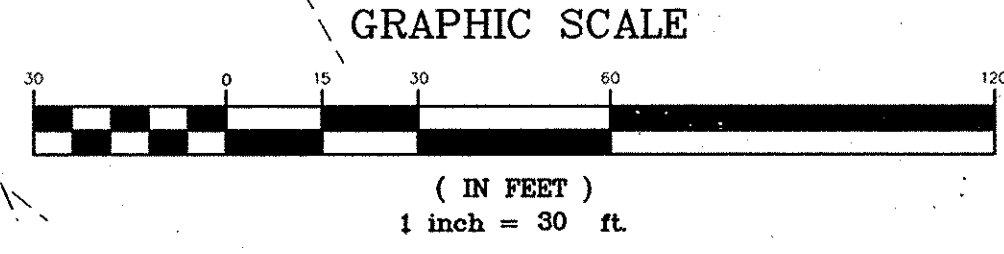
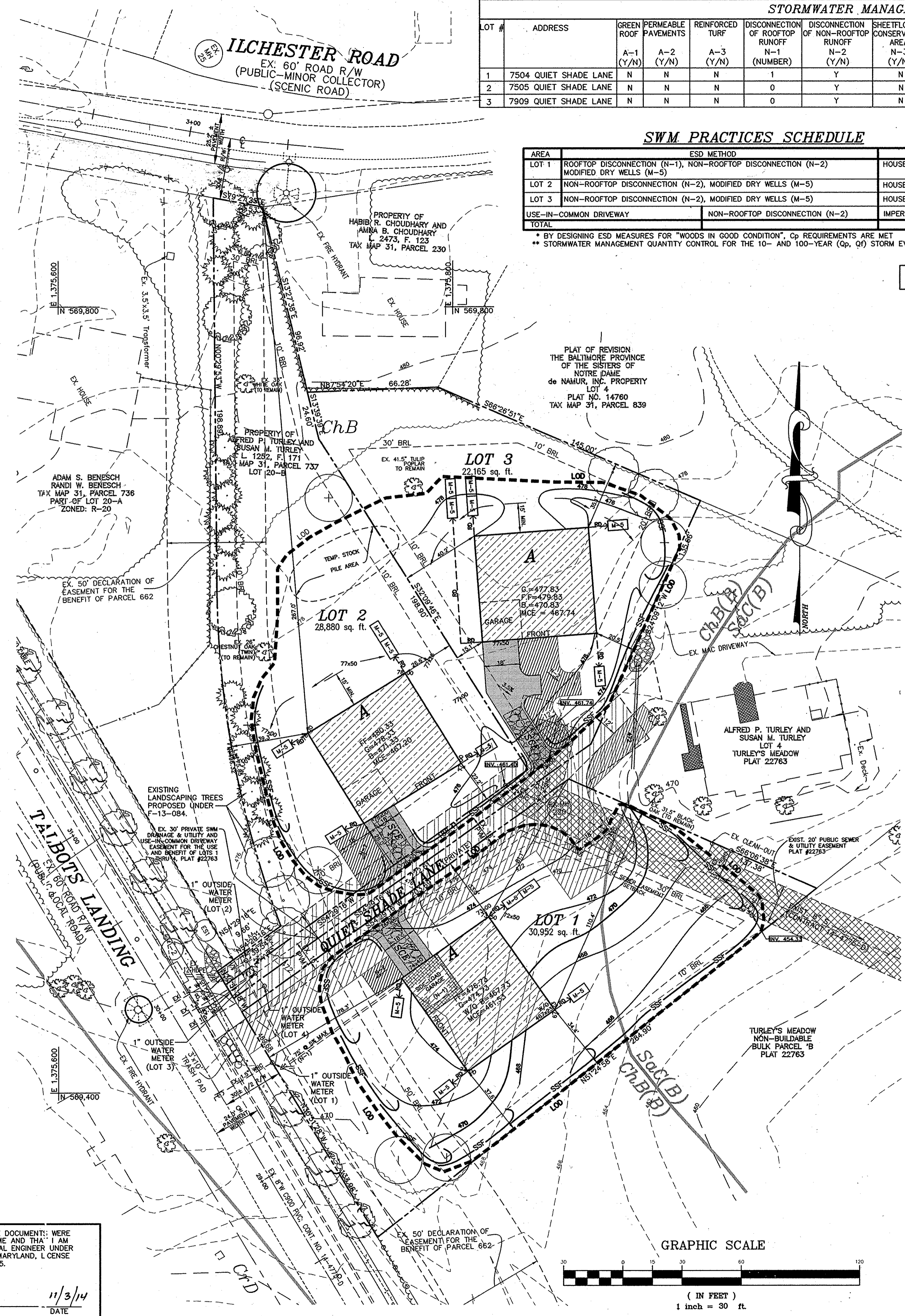
STORMWATER MANAGEMENT PRACTICES																
LOT #	ADDRESS	GREEN ROOF PAVEMENTS	PERMEABLE PAVEMENTS	REINFORCED TURF	DISCONNECTION OF ROOFTOP RUNOFF	DISCONNECTION OF NON-ROOFTOP RUNOFF	SHEETFLOW TO CONSERVATION AREAS	RAINWATER HARVESTING	SUBMERGED GRAVEL WETLANDS	LANDSCAPE INFILTRATION	INFILTRATION BERMS	DRY WELLS (MODIFIED)	MICRO-BIORETENTION	RAIN GARDENS	SWALES	ENHANCED FILTERS
		A-1 (Y/N)	A-2 (Y/N)	A-3 (Y/N)	N-1 (NUMBER)	N-2 (Y/N)	N-3 (Y/N)	M-1 (NUMBER)	M-2 (NUMBER)	M-3 (NUMBER)	M-4 (NUMBER)	M-5 (NUMBER)	M-6 (NUMBER)	M-7 (NUMBER)	M-8 (NUMBER)	M-9 (NUMBER)
1	7504 QUIET SHADE LANE	N	N	N	1	Y	N	0	0	0	0	5	0	0	0	0
2	7505 QUIET SHADE LANE	N	N	N	0	Y	N	0	0	0	0	5	0	0	0	0
3	7909 QUIET SHADE LANE	N	N	N	0	Y	N	0	0	0	0	6	0	0	0	0

**SWM PRACTICES SCHEDULE**

AREA	ESD METHOD	TREATED AREA TYPE	ESDv (REQ)	(PROVIDED)	Pe (REQUIRED)	Pe (PROVIDED)
LOT 1	ROOFTOP DISCONNECTION (N-1), NON-ROOFTOP DISCONNECTION (N-2) MODIFIED DRY WELLS (M-5)	HOUSE, DRIVEWAY		432 CF		
LOT 2	NON-ROOFTOP DISCONNECTION (N-2), MODIFIED DRY WELLS (M-5)	HOUSE, DRIVEWAY		417 CF		
LOT 3	NON-ROOFTOP DISCONNECTION (N-2), MODIFIED DRY WELLS (M-5)	HOUSE, DRIVEWAY		517 CF		
USE-IN-COMMON DRIVEWAY	NON-ROOFTOP DISCONNECTION (N-2)	IMPERVIOUS ROADWAY		358 CF		
TOTAL			1,712 CF	1,734 CF	1.20"	1.22"

\* BY DESIGNING ESD MEASURES FOR "WOODS IN GOOD CONDITION", C<sub>p</sub> REQUIREMENTS ARE MET  
 \*\* STORMWATER MANAGEMENT QUANTITY CONTROL FOR THE 10- AND 100-YEAR (Q<sub>p</sub>, Q<sub>f</sub>) STORM EVENTS IS NOT REQUIRED.

SEE SHEET 3 FOR SOIL BORING INFORMATION.



Project	NOV 2014	date
Illustration	13-027	illustration
Scale	1/8" = 1'-0"	scale
Approval	JLS	approval
	JLS	approval

NO	1	1/15	date
DESCRIPTION	REMOVED SHADY AND PRESET TREES FROM WASTEWATER	description	
REVISIONS		revisions	

**TURLEY'S MEADOW LOTS 1 THRU 3**  
 SINGLE FAMILY DWELLING  
 TAX MAP: 31 GRID: 16 PARCEL: 737, 738  
 FIRST ELECTION DISTRICT  
 HOWARD COUNTY  
 SITE DEVELOPMENT PLAN

**MILDENBERG, BOENDER & ASSOC., INC.**  
 Engineers Planners Surveyors  
 7350-R Creech Drive, Columbia, Maryland 21044  
 (410) 997-0286 Fax: (410) 997-0286 Fax

(B-4-2) STANDARDS AND SPECIFICATIONS FOR SOIL PREPARATION, TOPSOILING, AND SOIL AMENDMENTS

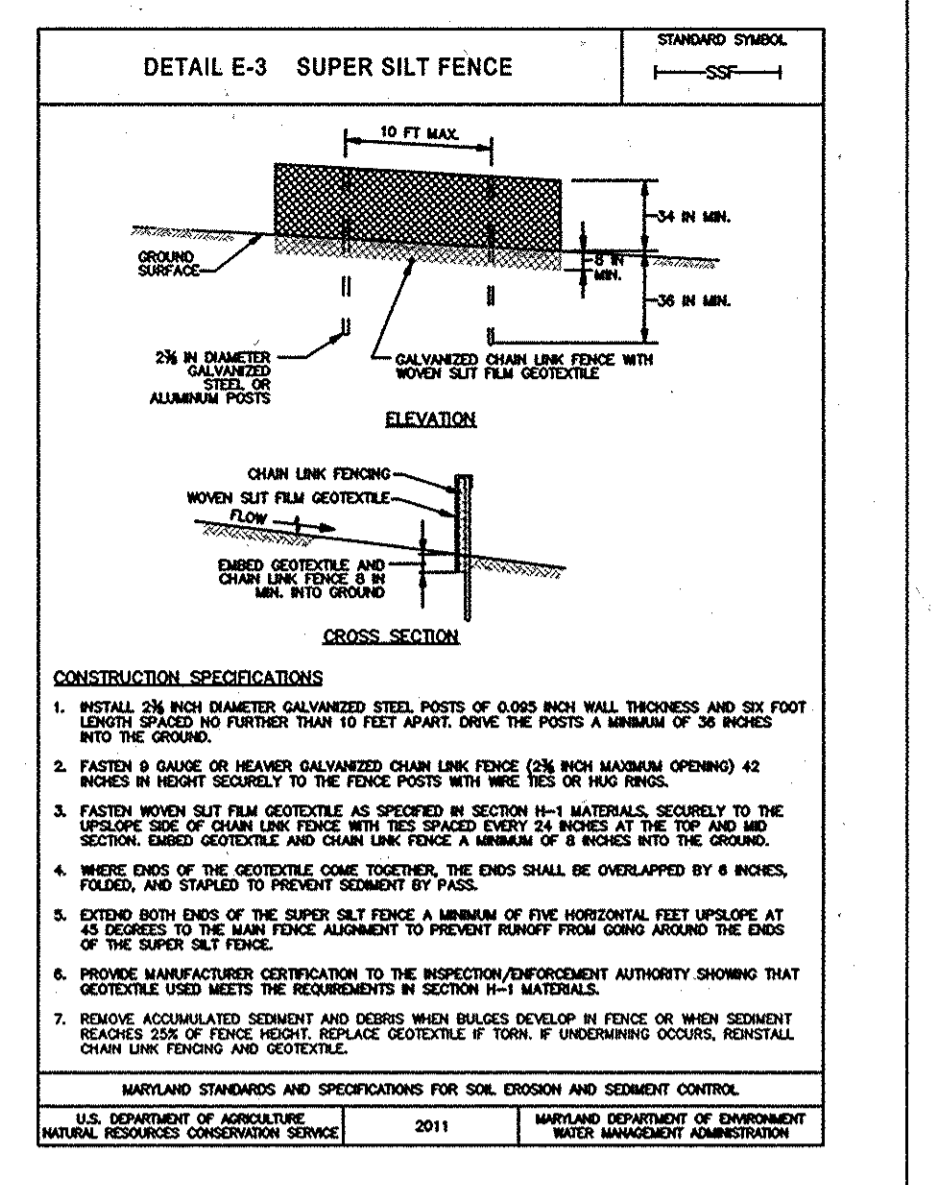
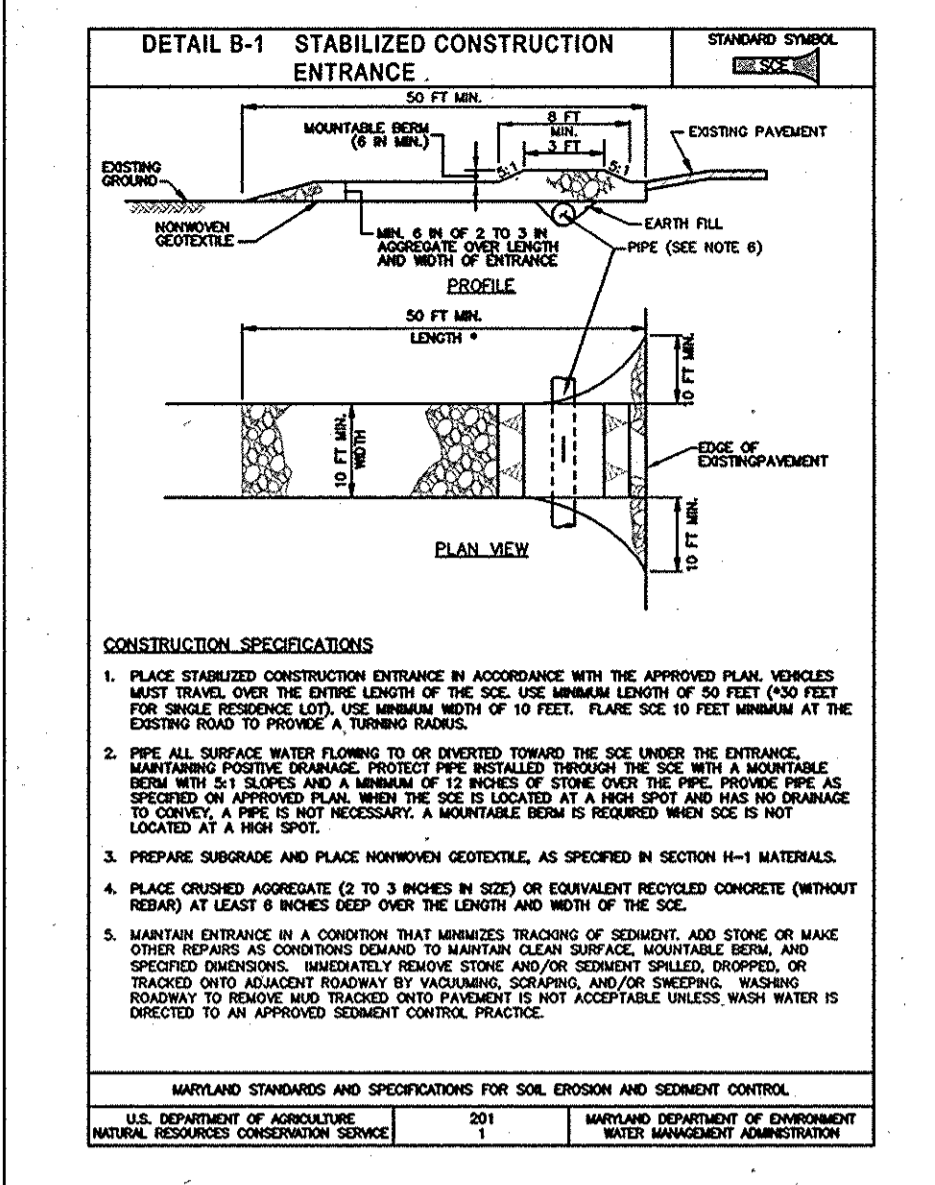
DEFINITION THE PROCESS OF PREPARING THE SOILS TO SUSTAIN ADEQUATE VEGETATIVE STABILIZATION. PURPOSE TO PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETATIVE GROWTH. CONDITIONS WHERE PRACTICE APPLIES WHERE VEGETATIVE STABILIZATION IS TO BE ESTABLISHED. CRITERIA A. SOIL PREPARATION 1. TEMPORARY STABILIZATION a. SEEDBED PREPARATION CONSISTS OF LOOSENING SOIL TO A DEPTH OF 3 TO 5 INCHES BY MEANS OF SUITABLE AGRICULTURAL OR CONSTRUCTION EQUIPMENT...

(B-4-3) STANDARDS AND SPECIFICATIONS FOR SEEDING AND MULCHING

DEFINITION THE APPLICATION OF SEED AND MULCH TO ESTABLISH VEGETATIVE COVER. PURPOSE TO PROTECT DISTURBED SOILS FROM EROSION DURING AND AT THE END OF CONSTRUCTION. CONDITIONS WHERE PRACTICE APPLIES TO THE SURFACE OF ALL PERIMETER CONTROLS, SLOPES, AND ANY DISTURBED AREA NOT UNDER ACTIVE GRADING. CRITERIA A. SEEDING 1. SEEDS a. ALL SEED MUST MEET THE REQUIREMENTS OF THE MARYLAND STATE SEED LAW. ALL SEED MUST BE SUBJECT TO RE-TESTING BY A RECOGNIZED SEED LABORATORY...

(B-4-4) STANDARDS AND SPECIFICATIONS FOR TEMPORARY STABILIZATION

DEFINITION TO STABILIZE DISTURBED SOIL WITH PERMANENT VEGETATION. PURPOSE TO USE LONG-LIVED PERENNIAL GRASSES AND LEGUMES TO ESTABLISH PERMANENT GROUND COVER OF DISTURBED SOIL. CONDITIONS WHERE PRACTICE APPLIES EXPOSED SOILS WHERE GROUND COVER IS NEEDED FOR 6 MONTHS OR MORE. CRITERIA A. SEED MIXTURES 1. GENERAL a. SELECT ONE OR MORE OF THE SPECIES OF MIXTURES LISTED IN TABLE B.3 FOR THE APPROPRIATE PLANT HARDINESS ZONE (FROM FIGURE B.3) AND BASED IN THE SITE CONDITION OR PURPOSE FOUND ON TABLE B.2...



OPERATION AND MAINTENANCE SCHEDULE FOR MODIFIED DRY WELLS (M-5)

- A. THE OWNER SHALL INSPECT THE MONITORING WELLS AND STRUCTURES ON A QUARTERLY BASIS AND AFTER EVERY HEAVY STORM EVENT. B. THE OWNER SHALL RECORD THE WATER LEVELS AND SEDIMENT BUILD-UP IN THE MONITORING WELLS OVER A PERIOD OF SEVERAL DAYS TO ENSURE TRENCH DRAINAGE. C. THE OWNER SHALL MAINTAIN A LOG BOOK TO DETERMINE THE RATE AT WHICH THE FACILITY DRAINS. D. WHEN THE FACILITY BECOMES CLOGGED SO THAT IT DOES NOT DRAIN DOWN WITHIN A 72-HOUR TIME PERIOD, CORRECTIVE ACTION SHALL BE TAKEN. E. THE MAINTENANCE LOG BOOK SHALL BE AVAILABLE TO HOWARD COUNTY FOR INSPECTION TO ENSURE COMPLIANCE WITH OPERATION AND MAINTENANCE CRITERIA. F. ONCE THE PERFORMANCE CHARACTERISTICS OF THE INFILTRATION FACILITY HAVE BEEN VERIFIED, THE MONITORING SCHEDULE CAN BE REDUCED TO AN ANNUAL BASIS UNLESS THE PERFORMANCE DATA INDICATES THAT A MORE FREQUENT SCHEDULE IS REQUIRED.

OPERATION AND MAINTENANCE SCHEDULE FOR PRIVATELY OWNED AND MAINTAINED DISCONNECTION OF ROOFTOP RUNOFF (N-1), DISCONNECTION OF NON-ROOFTOP RUNOFF (N-2)

- A. MAINTENANCE OF AREAS RECEIVING DISCONNECTED RUNOFF IS GENERALLY DIFFERENT THAN THAT REQUIRED FOR OTHER LANDSCAPE AREAS. THE OWNER SHALL ENSURE THE AREAS RECEIVING RUNOFF ARE PROTECTED FROM FUTURE COMPACTION OF IMPERVIOUS AREA. IN COMMERCIAL AREAS, FOOT TRAFFIC SHOULD BE DISCOURAGED AS WELL.

SEQUENCE OF CONSTRUCTION

- 1. OBTAIN GRADING PERMIT. (1 DAY) 2. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES AT LOCATIONS SHOWN (2 DAYS) 3. INSTALL SILT FENCE AT LOCATIONS SHOWN. (1 DAYS) 4. CONSTRUCT HOUSES AND STORMWATER MANAGEMENT FACILITIES (90 - 120 DAYS) 5. COMPLETE FINE GRADING OF SITE TO GRADES INDICATED. (2 DAYS PER HOUSE) 6. SEED AND MULCH ALL REMAINING DISTURBED AREAS. (1 DAY PER HOUSE). 7. WHEN ALL CONTRIBUTING DRAINAGE AREAS TO SEDIMENT CONTROL DEVICES HAVE BEEN STABILIZED, AND WITH PERMISSION OF SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROL DEVICES AND STABILIZE REMAINING DISTURBED AREAS (1 DAY).

Turley's Meadow Boring Photos 01/18/2013

Attached are pictures of the excavation performed on January 18, 2013 from 8:30 to 10:30 am in four locations within less than 50 feet of 3 proposed bioretention facilities. Temperature was approximately 30°F and partly cloudy. Attendees included Stephanie Tuitt of Fisher, Collins & Carter, Inc. and Jeff Allen from Jeff Allen's Backhoe Service, who performed the excavations.

- Boring B-1 - The existing elevation is 465.3 (per field location). The proposed elevation is 467.8. This hole was excavated to 6.7 feet (See photo#1). Water was encountered near the bottom of the hole. Although the 4 foot minimum clearance to water was possible, a fourth hole was excavated so the facility could be moved to what was felt to be a more suitable alternative. See attached photos #2 to #5. Boring B-2 - The existing elevation is 475.4 (per field location). The proposed elevation is 476.5. This hole was excavated to 11.7 feet (See photo#6). No water was encountered during excavation. The bottom of the proposed bioretention facility on Lot 2 (elevation 476.0) is located approximately 2 feet from Boring B-2. The proposed bottom of the underdrain gravel will be at elevation 472.76. There is a minimum of 9 foot of good soil beneath the proposed facility. See attached photos #6 to #9 for depth of excavation, sidewalls, bottom of hole, and enlarged view of material at the bottom of the hole. Boring B-3 - The existing elevation is 475.1 (per field location). The proposed elevation is 475.0. This hole was excavated to 7.8 feet (See photo#11). No water was encountered during excavation. The bottom of the proposed bioretention facility on Lot 3 (elevation 474.5) is located approximately 3 feet from Boring B-3. The proposed bottom of the underdrain gravel will be at elevation 471.26. There is a minimum of 4 foot of good soil beneath the proposed facility. See attached photos #10 to #13 for location, depth of excavation, sidewalls, and bottom of hole. Boring B-4 - The existing elevation is approximately 466.5. The proposed elevation is 467.3. This hole was excavated to 9.7 feet (See photo#14). No water was encountered during excavation. The bottom of the proposed bioretention facility on Lot 1 (elevation 466.0) is located approximately 7 feet from Boring B-4. The proposed bottom of the underdrain gravel will be at elevation 262.76. There is a minimum of 6 foot of good soil beneath the proposed facility. See attached photos #14 to #19 for depth of excavation, sidewalls, bottom of hole, enlarged view of material from the bottom of the hole, and location of excavation.

(B-4-8) STANDARDS AND SPECIFICATION FOR STOCKPILE AREA

DEFINITION A MOUND OR PILE OF SOIL PROTECTED BY APPROPRIATELY DESIGNED EROSION AND SEDIMENT CONTROL MEASURES. PURPOSE TO PROVIDE A DESIGNATED LOCATION FOR THE TEMPORARY STORAGE OF SOIL THAT CONTROLS THE POTENTIAL FOR EROSION, SEDIMENTATION, AND CHANGES TO DRAINAGE PATTERNS. CONDITIONS WHERE PRACTICE APPLIES STOCKPILE AREAS ARE UTILIZED WHEN IT IS NECESSARY TO SALVAGE AND STORE SOIL FOR LATER USE. CRITERIA 7. THE STOCKPILE LOCATION AND ALL RELATED SEDIMENT CONTROL PRACTICES MUST BE CLEARLY INDICATED ON THE EROSION AND SEDIMENT CONTROL PLAN. 8. THE FOOTPRINT OF STOCKPILE MUST BE SIZED TO ACCOMMODATE THE ANTICIPATED VOLUME OF MATERIAL AND 1. BASED ON A SIDE SLOPE RATIO NO STEEPER THAN 2:1. BENCHING MUST BE PROVIDED IN ACCORDANCE WITH SECTION B-3 LAND GRADING. 2. RUNOFF FROM THE STOCKPILE AREA MUST DRAIN TO A SUITABLE SEDIMENT CONTROL PRACTICE. ACCESS THE STOCKPILE AREA FROM THE UPGRADE SIDE. 3. CLEAR WATER RUNOFF INTO THE STOCKPILE AREA MUST BE MINIMIZED BY USE OF A DIVERSION DEVICE SUCH AS AN EARTH DIKE, TEMPORARY SWALE, OR DIVERSION FENCE. PROVISIONS MUST BE MADE FOR DISCHARGING CONCENTRATED FLOW IN A NON-EROSIVE MANNER. 4. WHERE RUNOFF CONCENTRATES ALONG THE TOE OF THE STOCKPILE FILL, AN APPROPRIATE EROSION/SEDIMENT CONTROL PRACTICE MUST BE USED TO INTERCEPT THE DISCHARGE. 5. STOCKPILE MUST BE STABILIZED IN ACCORDANCE WITH THE 3/7 DAY STABILIZATION REQUIREMENT AS WELL AS STANDARD B-4-1 INCREMENTAL STABILIZATION AND STANDARD B-4-4 TEMPORARY STABILIZATION. 6. IF THE STOCKPILE IS LOCATED ON AN INTERFERED WITH AREA, THE STOCKPILE SHOULD BE LOCATED BELOW THE STOCKPILE TO FACILITATE CLEANUP. STOCKPILES CONTAINING CONTAMINATED MATERIAL MUST COVERED WITH IMPERMEABLE SHEETING. MAINTENANCE THE STOCKPILE AREA MUST CONTINUOUSLY MEET THE REQUIREMENTS FOR ADEQUATE VEGETATIVE ESTABLISHMENT IN ACCORDANCE WITH SECTION B-4 VEGETATIVE STABILIZATION. SIDE SLOPES MUST BE MAINTAINED AT NO STEEPER THAN 2:1 RATIO. THE STOCKPILE AREA MUST BE MAINTAINED TO A MINIMUM OF 2 FEET ABOVE THE EXISTING GROUND SURFACE. SIDE SLOPES MUST BE MAINTAINED AT NO STEEPER THAN 2:1 RATIO. SIDE SLOPES MUST BE MAINTAINED AT NO STEEPER THAN 2:1 RATIO. SIDE SLOPES MUST BE MAINTAINED AT NO STEEPER THAN 2:1 RATIO. SIDE SLOPES MUST BE MAINTAINED AT NO STEEPER THAN 2:1 RATIO.

DEVELOPERS CERTIFICATE I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF ENVIRONMENT AND PLANNING TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE NATURAL RESOURCES CONSERVATION SERVICE. SIGNATURE OF DEVELOPER: [Signature] DATE: 1/13/14 PRINTED NAME OF DEVELOPER: Jeffrey S. Slovan ENGINEER'S CERTIFICATE I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS THE PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATURAL RESOURCES CONSERVATION SERVICE. SIGNATURE OF ENGINEER: [Signature] DATE: 1/13/14 PRINTED NAME OF ENGINEER: Jeffrey S. Slovan P.E. OWNER: THE LAND, LLC 5300 DORSEY HALL DRIVE SUITE 102 ELICOTT CITY MD 21043 (410) 365-0422 BUILDER: BURKARD HOMES, LLC 5300 DORSEY HALL DRIVE, SUITE 102 ELICOTT CITY MD 21043 (443) 367-0422 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 40091, EXP DATE 2/13/15. SIGNATURE OF ENGINEER: [Signature] DATE: 1/13/14 PRINTED NAME OF ENGINEER: Jeffrey S. Slovan P.E.

TEMPORARY SEEDING FOR SITE STABILIZATION

PLANT SPECIES	SEEDING RATE (LB/AC)	SEEDING DEPTH (INCHES)	RECOMMENDED SEEDING DATES BY PLANT HARDINESS ZONE					
			5B AND 6A	6B	7A AND 7B			
<b>COOL SEASON GRASSES</b>								
ANNUAL RYEGRASS (LOLIUM PERENNE SSP. MULTIFLORUM)	40	1.0	MAR 15 TO MAY 31; AUG 1 TO SEP 30	MAR 1 TO MAY 15; AUG 1 TO OCT 15	FEB 15 TO APR 30; AUG 15 TO NOV 30			
BARLEY (HORDEUM VULGARE)	96	2.2	MAR 15 TO MAY 31; AUG 1 TO SEP 30	MAR 1 TO MAY 15; AUG 1 TO OCT 15	FEB 15 TO APR 30; AUG 15 TO NOV 30			
OATS (AVENA SATIVA)	72	1.7	MAR 15 TO MAY 31; AUG 1 TO SEP 30	MAR 1 TO MAY 15; AUG 1 TO OCT 15	FEB 15 TO APR 30; AUG 15 TO NOV 30			
WHEAT (TRITICUM AESTIVUM)	120	2.8	MAR 15 TO MAY 31; AUG 1 TO SEP 30	MAR 1 TO MAY 15; AUG 1 TO OCT 15	FEB 15 TO APR 30; AUG 15 TO NOV 30			
CERIAL RYE (SECALE ITALICA)	112	2.8	MAR 15 TO MAY 31; AUG 1 TO OCT 31	MAR 1 TO MAY 15; AUG 1 TO OCT 15	FEB 15 TO APR 30; AUG 15 TO DEC 15			
<b>WARM SEASON GRASSES</b>								
FOXTAIL MILLET (SETARIA ITALICA)	30	0.7	JUN 1 TO JUL 31	MAY 16 TO JUL 31	MAY 1 TO AUG 14			
PEARL MILLET (PENNISETUM GLAUCCUM)	20	0.5	JUN 1 TO JUL 31	MAY 16 TO JUL 31	MAY 1 TO AUG 14			

PERMANENT SEEDING SUMMARY

NO.	SPECIES	APPLICATION RATE (LB/AC)	SEEDING DATES	SEEDING DEPTHS	FERTILIZER RATE (10-20-20)			LIME RATE
					N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	
1	TALL FESCUE	100	MARCH 1-MAY 15 AUG 15-OCT 15	1/4"-1/2"	45 LBS. PER ACRE (1 LB./1000 SF)	90 LBS. PER ACRE (2 LB./1000 SF)	90 LBS. PER ACRE (2 LB./1000 SF)	2 TONS / ACRE (90 LBS / 1000 SF)

MIXTURES 1, 4-7, 9, AND 10 FROM TABLE B.3 OF THE 2011 MARYLAND STANDARD AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL MAY BE USED.

TAKEN FROM THE GEOTECHNICAL INVESTIGATION ("SOIL BORING INFORMATION") PREPARED BY FISHER, COLLINS, AND CARTER, INC. IN FEBRUARY, 2013 AND APPROVED UNDER F-13-084.

project: TURLEY'S MEADOW LOTS 1 THRU 3 SINGLE FAMILY DWELLING  
date: NOV 2014  
illustration: JLS  
scale: 1" = 30'  
description: SEDIMENT CONTROL AND SWM NOTES AND DETAILS  
revision: MAM

TURLEY'S MEADOW LOTS 1 THRU 3 SINGLE FAMILY DWELLING  
TAX MAP: 31 GRID: 16 PARCEL: 737, 738  
FIRST ELECTION DISTRICT: HOWARD COUNTY

MILDENBERG, BOENDER & ASSOC., INC.  
Engineers Planners Surveyors  
7850-B Grace Drive, Columbia, Maryland 21044  
(410) 997-0298 Fax

3 OF 3  
SDP-14-069