## OR ABOUT SEPTEMBER, 2002.

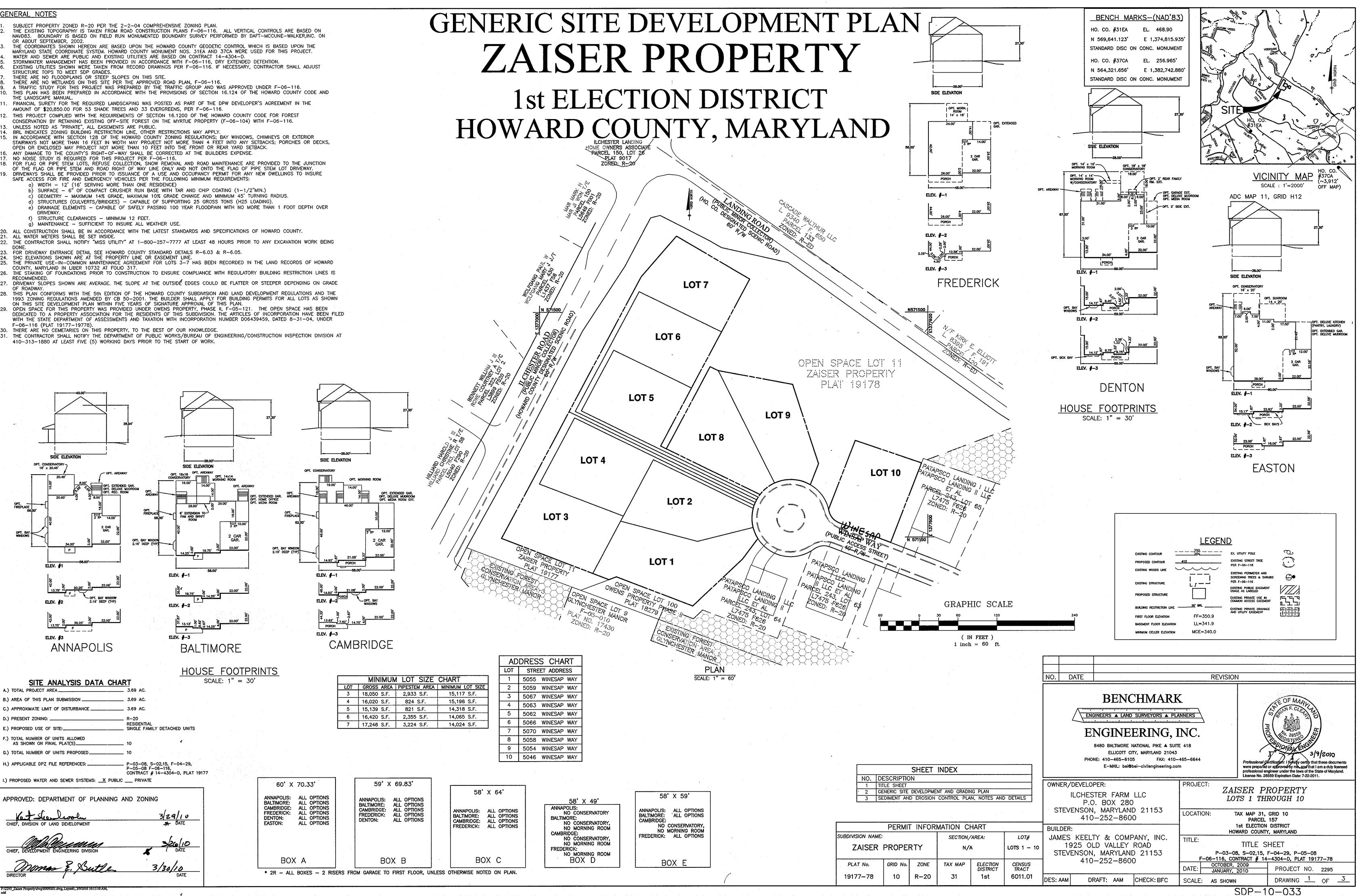
- STRUCTURE TOPS TO MEET SDP GRADES.
- THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING WAS POSTED AS PART OF THE DPW DEVELOPER'S AGREEMENT IN THE

STAIRWAYS NOT MORE THAN 16 FEET IN WIDTH MAY PROJECT NOT MORE THAN 4 FEET INTO ANY SETBACKS; PORCHES OR DECKS, OPEN OR ENCLOSED MAY PROJECT NOT MORE THAN 10 FEET INTO THE FRONT OR REAR YARD SETBACK.

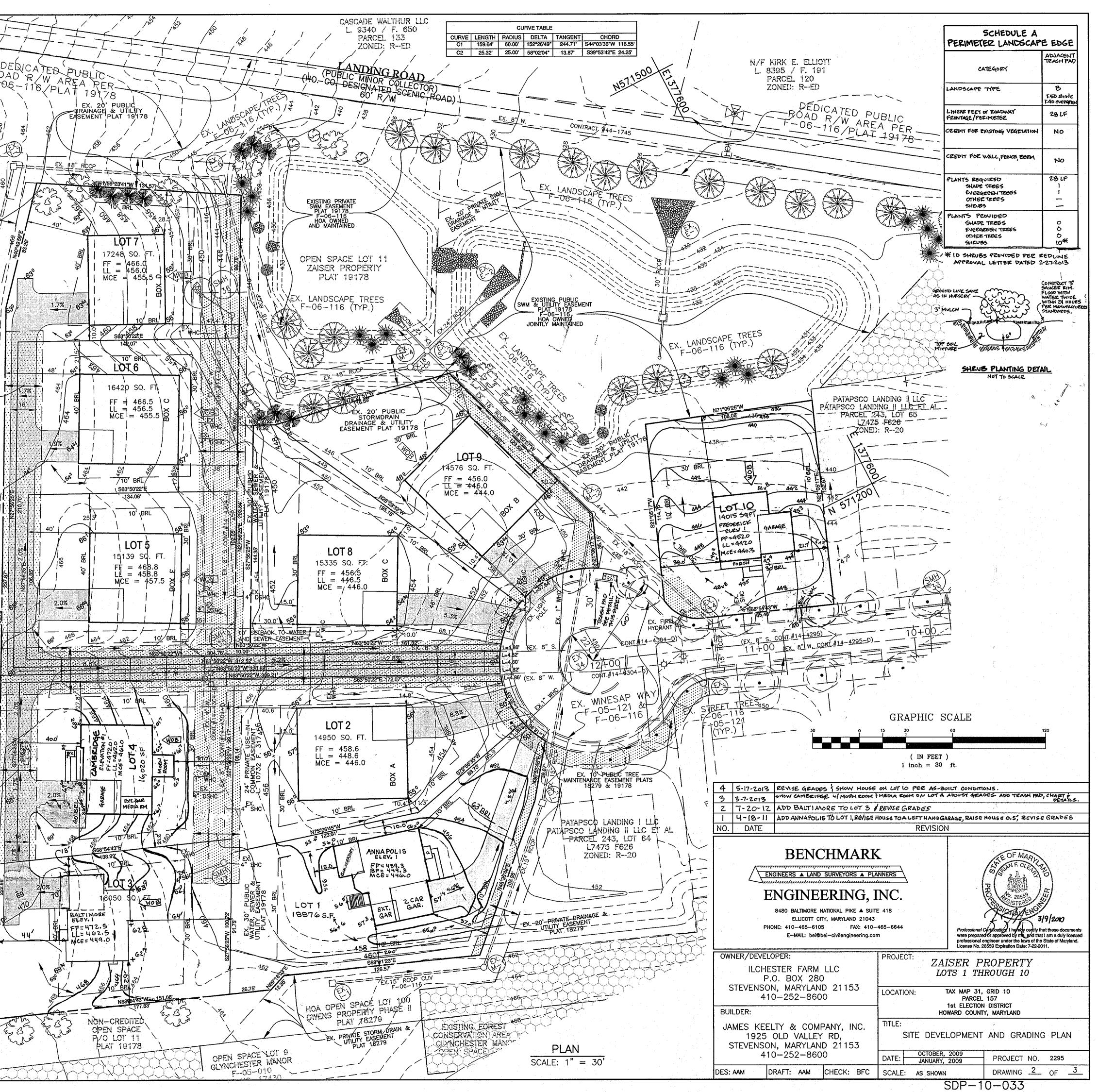
- OF THE FLAG OR PIPE STEM AND ROAD RIGHT OF WAY LINE ONLY AND NOT ONTO THE FLAG OF PIPE STEM LOT DRIVEWAY.
- b) SURFACE 6" OF COMPACT CRUSHER RUN BASE WITH TAR AND CHIP COATING (1-1/2"MIN.)
- e) DRAINAGE ELEMENTS CAPABLE OF SAFELY PASSING 100 YEAR FLOODPAIN WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY

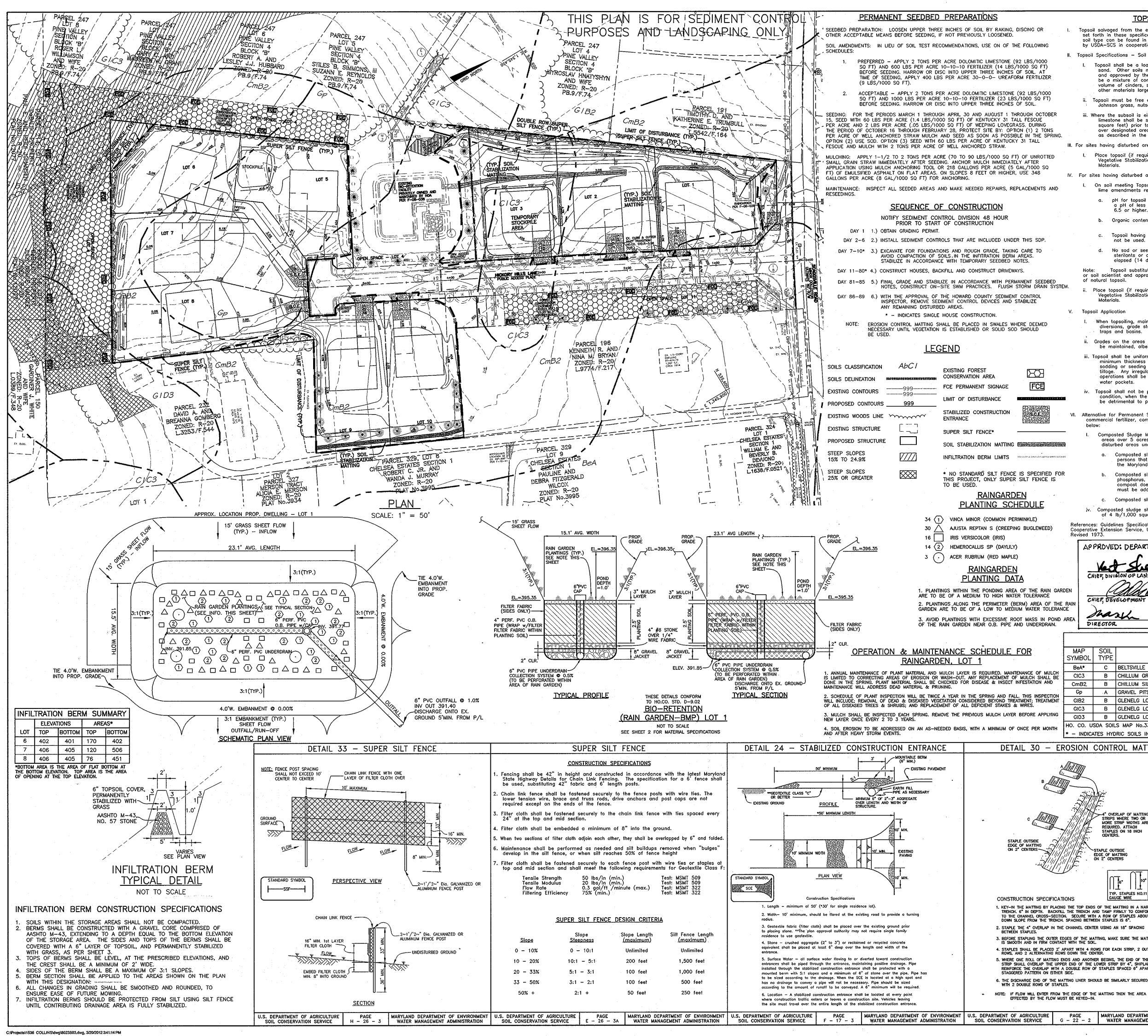
COUNTY, MARYLAND IN LIBER 10732 AT FOLIO 317. THE STAKING OF FOUNDATIONS PRIOR TO CONSTRUCTION TO ENSURE COMPLIANCE WITH REGULATORY BUILDING RESTRICTION LINES IS

- OF ROADWAY
- WITH THE STATE DEPARTMENT OF ASSESSMENTS AND TAXATION WITH INCORPORATION NUMBER D06439459, DATED 8-31-04, UNDER F-06-116 (PLAT 19177-19778).
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT 410-313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.



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	PROPOSED STRUCTURE		X & A
	30' BRL		
	BUILDING RESTRICTION LINE		
	FIRST FLOOR ELEVATION FF=350.9		
	BASEMENT FLOOR ELEVATION LL=341.9		
	MINIMUM CELLAR ELEVATION MCE=340.0		
	WALK OUT BASEMENT		
	EXISTING STREET TREE	ZOL PA	
	PER F-06-116	35	
	SCREENING TREES & SHRUBS		
	PER F-06-116		
n an	EXISTING PUBLIC EASEMENT		
	EXISTING PRIVATE USE IN		
	COMMON ACCESS EASEMENT		
		·	
	PERIMETER LANDSCAPE PLANTING LIST	529.8	
SYMBOL	QUANTITY NAME REMARKS DESCRIPTION		
	JUNIPERUS CHINENSIS NEEDLE EVERGREEN SHRUB	Säd≥ä	
253	10 (Phitzenana Compacta) 2'-2.5' hgt. PLANTED AROUND REFUSE	PAR PAR LI X	
	Compact Pfilzer Juniper THE DEVELOPER.		SEMENT 1
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	SEWER HOUSE		
	SEWER HOUSE CONNECTION CHART	5115001	24 <sup>1</sup> PRIV
1.	LOT LINE MCE	N 571500	
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	2 441.72 446.0 3 445.00 449.0	2	I I I I I I I I I I I I I I I I I I I
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	5         450.70         457.5           6         448.20         455.5		N KAA II III
	7 440.98 455.5		
	8         440.10         446.0           9         439.00         444.0		
	10 436.38 440.3		
· · · ·	CONTRACTOR TO CHECK SEWER HOUSE		4 4 99 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	CONNECTION ELEVATION AT PROPERTY/EASEMENT LINE PRIOR TO CONSTRUCTION OF HOUSE TO ENSURE PROPER SHC SLOPES CAN BE MAINTAINED.		8 11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
	ECTION CALIFORNIA BEARING RATIO (CBR) 3 TO <5 5 TO <7 ≥7 3 TO <5 5 TO <7 ≥7	SEREET	
Ň	UMBER PAVEMENT MATERIAL (INCHES) MIN HMA WITH GAB HMA WITH CONSTANT GAB		
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	9.5 MM PG 64-22, LEVEL 1 (ESAL)		
	P-1		
	HMA SUPERPAVE BASE 19.0 MM PG 6422, LEVEL 1 (ESAL) 2.0 2.0 3.5 3.0 2.5		
	HMA SUPERPAVE BASE         2.0         2.0         2.0         3.5         3.0         2.5           19.0 MM PG 64-22, LEVEL 1 (ESAL)         2.0         2.0         3.5         3.0         2.5           GRADED AGGREGATE BASE (GAB)         8.5         7.0         5.0         4.0         4.0		SEMENTER SEMENTER
	HMA SUPERPAVE BASE 19.0 MM PG 6422, LEVEL 1 (ESAL) 2.0 2.0 3.5 3.0 2.5	PARCEL 322	
	HMA SUPERPAVE BASE         2.0         2.0         2.0         3.5         3.0         2.5           19.0 MM PG 64-22, LEVEL 1 (ESAL)         2.0         2.0         3.5         3.0         2.5           GRADED AGGREGATE BASE (GAB)         8.5         7.0         5.0         4.0         4.0	PARCEL 322	PUBLIC W 19178EM
	HMA SUPERPAVE BASE       2.0       2.0       2.0       3.5       3.0       2.5         19.0 MM PG 64-22, LEVEL 1 (ESAL)       2.0       2.0       3.5       3.0       2.5         GRADED AGGREGATE BASE (GAB)       8.5       7.0       5.0       4.0       4.0         P-1       PAVING       DETAIL         HMA SUPERPAVE FINAL SURFACE         HMA SUPERPAVE FINAL SURFACE         HMA SUPERPAVE INTERMEDIATE SURFACE		
	HMA SUPERPAVE BASE       2.0       2.0       2.0       3.5       3.0       2.5         19.0 MM PG 64-22, LEVEL 1 (ESAL)       8.5       7.0       5.0       4.0       4.0         GRADED AGGREGATE BASE (GAB)       8.5       7.0       5.0       4.0       4.0         P-1       PAVING       DETAIL         HMA SUPERPAVE FINAL SURFACE       HMA SUPERPAVE INTERMEDIATE SURFACE         HMA SUPERPAVE BASE       HMA SUPERPAVE BASE	PARCEL 322	PUBLIC W 19178EM
	HMA SUPERPAVE BASE       2.0       2.0       2.0       3.5       3.0       2.5         19.0 MM PG 64-22, LEVEL 1 (ESAL)       2.0       2.0       3.5       3.0       2.5         GRADED AGGREGATE BASE (GAB)       8.5       7.0       5.0       4.0       4.0         P-1       PAVING       DETAIL         HMA SUPERPAVE FINAL SURFACE         HMA SUPERPAVE FINAL SURFACE         HMA SUPERPAVE INTERMEDIATE SURFACE	BENNETT WIL BENNETT WIL ROWE COURT PAROEL 322 L3898 F ZONED: ZONED:	EX. 20 PUBLIC W & UTHLITY EASEM PLAT 19178
	HMA SUPERPAVE BASE       2.0       2.0       2.0       3.5       3.0       2.5         19.0 MM PG 64-22, LEVEL 1 (ESAL)       8.5       7.0       5.0       4.0       4.0         GRADED AGGREGATE BASE (GAB)       8.5       7.0       5.0       4.0       4.0         P-1       PAVING       DETAIL         HMA SUPERPAVE FINAL SURFACE       HMA SUPERPAVE INTERMEDIATE SURFACE         HMA SUPERPAVE BASE       HMA SUPERPAVE BASE	BENNETT WIL BENNETT WIL ROWE COURT PAROEL 322 L3898 F ZONED: ZONED:	AD) EX. 20 PUBLIC W PLAT 19178
	HMA SUPERPAVE BASE       2.0       2.0       2.0       3.5       3.0       2.5         19.0 MM PG 64-22, LEVEL 1 (ESAL)       8.5       7.0       5.0       4.0       4.0         GRADED AGGREGATE BASE (GAB)       8.5       7.0       5.0       4.0       4.0         P-1       PAVING       DETAIL         HMA SUPERPAVE FINAL SURFACE       HMA SUPERPAVE INTERMEDIATE SURFACE         HMA SUPERPAVE BASE       HMA SUPERPAVE BASE	BENNETT WIL ROWE COURT PARCEL 322 L3898 F ZONED: ZONED:	ROAD) EX. 20 PUBLIC W EX. 20 PUBLIC W PLAT 19178
	HMA SUPERPAVE BASE       2.0       2.0       3.5       3.0       2.5         IS.0 MM PG 64-22, LEVEL 1 (ESAL)       8.5       7.0       5.0       4.0       4.0         GRADED AGGREGATE BASE (GAB)       8.5       7.0       5.0       4.0       4.0         P-1       PAVING DETAIL         HMA SUPERPAVE FINAL SURFACE         HMA SUPERPAVE INTERMEDIATE SURFACE         HMA SUPERPAVE BASE         GRADED ACCREGATE         BASE (GAB)	BENNETT WIL BENNETT WIL ROWE COURT PARCEL 322 L3898 F ZONED: ZONED:	ROAD) EX. 20 PUBLIC W EX. 20 PUBLIC W PLAT 19178
	HMA SUPERPAVE BASE       2.0       2.0       3.5       3.0       2.5         IS.0 MM PG 64-22, LEVEL 1 (ESAL)       8.5       7.0       5.0       4.0       4.0         GRADED AGGREGATE BASE (GAB)       8.5       7.0       5.0       4.0       4.0         P-1       PAVING DETAIL         HMA SUPERPAVE FINAL SURFACE         HMA SUPERPAVE INTERMEDIATE SURFACE         HMA SUPERPAVE BASE         GRADED ACCREGATE         BASE (GAB)	E CORE COURT WE ROWE COURT	ROAD) EX. 20 PUBLIC W EX. 20 PUBLIC W PLAT 19178
	HMA SUPERPAVE BASE       2.0       2.0       3.5       3.0       2.5         IS.0 MM PG 64-22, LEVEL 1 (ESAL)       8.5       7.0       5.0       4.0       4.0         GRADED AGGREGATE BASE (GAB)       8.5       7.0       5.0       4.0       4.0         P-1       PAVING DETAIL         HMA SUPERPAVE FINAL SURFACE         HMA SUPERPAVE INTERMEDIATE SURFACE         HMA SUPERPAVE BASE         GRADED ACCREGATE         BASE (GAB)	BENNETT WIL BENNETT WIL ROWE COURT PARCEL 322 L3898 F ZONED: ZONED: ZONED: ZONED:	ROAD) EX. 20 PUBLIC W EX. 20 PUBLIC W PLAT 19178
	HMA SUPERPAVE BASE       2.0       2.0       3.5       3.0       2.5         IS.0 MM PG 64-22, LEVEL 1 (ESAL)       8.5       7.0       5.0       4.0       4.0         GRADED AGGREGATE BASE (GAB)       8.5       7.0       5.0       4.0       4.0         P-1       PAVING DETAIL         HMA SUPERPAVE FINAL SURFACE         HMA SUPERPAVE INTERMEDIATE SURFACE         HMA SUPERPAVE BASE         GRADED ACCREGATE         BASE (GAB)	R T/E R T/E BENNETT WIL BENNETT WIL ROWE COURT PARCEL 322 L3898 F ZONED:	TED SCENIC ROAD)
	HMA SUPERPAVE BASE       2.0       2.0       3.5       3.0       2.5         IS.0 MM PG 64-22, LEVEL 1 (ESAL)       8.5       7.0       5.0       4.0       4.0         GRADED AGGREGATE BASE (GAB)       8.5       7.0       5.0       4.0       4.0         P-1       PAVING       DETAIL         HMA SUPERPAVE FINAL SURFACE         HMA SUPERPAVE INTERMEDIATE SURFACE         HMA SUPERPAVE BASE         GRADED ACGREGATE         BASE (GAB)	NE R T/E LOT 58 20 90 PER PER PER 20 128 9128 20 128 20 20 128 20 20 20 20 20 20 20 20 20 20 20 20 20	W TED SCENIC ROAD)
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	HMA SUPERPAVE BASE       2.0       2.0       3.5       3.0       2.5         IS.0 MM PG 64-22, LEVEL 1 (ESAL)       8.5       7.0       5.0       4.0       4.0         GRADED AGGREGATE BASE (GAB)       8.5       7.0       5.0       4.0       4.0         P-1       PAVING DETAIL         HMA SUPERPAVE FINAL SURFACE         HMA SUPERPAVE INTERMEDIATE SURFACE         HMA SUPERPAVE BASE         GRADED ACCREGATE         BASE (GAB)	PARCE R T/E HRISTINE R T/E 783, LOT 58 40. F290 ED: R-20 ED: R-20 PARCEL 322 L3898 F 20NED: ZONED: Z	Y DESIGNATED SCENIC ROAD)
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	НИМА SUPERPAVE BASE         2.0         2.0         2.0         3.5         3.0         2.5           GRADED AGGREGATE BASE (GAB)         8.5         7.0         5.0         4.0         4.0         4.0           P-1         PAVING         DETAIL         Personal	PARCE R T/E HRISTINE R T/E 783, LOT 58 40. F290 ED: R-20 ED: R-20 PARCEL 322 L3898 F 20NED: ZONED: Z	Y DESIGNATED SCENIC ROAD)
	HMA SUPERPAVE BASE       2.0       2.0       3.5       3.0       2.5         19.0 MM PG 84-22, LEVEL 1 (ESAL)       2.0       2.0       3.5       3.0       2.5         GRADED ACCRECATE BASE (CAB)       8.5       7.0       5.0       4.0       4.0       4.0         P-1       PAVING       DETAIL         HMA SUPERPAVE FINAL SURFACE       HMA SUPERPAVE FINAL SURFACE       HMA SUPERPAVE BASE       GRADED ACCRECATE         HMA SUPERPAVE ASE       GRADED ACCRECATE       BASE (CAB)       Grade and a superpave ase       Grade and a superpave ase       Grade and a superpave ase         GRADED ACCRECATE       BASE (CAB)       Grade and a superpave ase         GRADED ACCRECATE       Grade and a superpave ase         GRADE ACCRECATE       Grade and a superpave ase         Grade and a superpave ase       Grade and a superpave ase       Grade and a superpave ase       Grade and a superpave ase       Grade and a superpave ase         Grade and a superpave ase       Grade and a superpave ase       Grad and a superpave ase       Grad a se       G	TILLERN CHRISINE R T/E PARCEL 783, LOT 58 L5040 F290 L5040 F290 ZONED: R-20 ROWE COURT PARCEL 322 PARCEL 322 PARCEL 322 PARCEL 322 PARCEL 322 PARCEL 322 PARCEL 322 PARCEL 322 PARCEL 322 L3898 F ZONED: R-20 ROWE COURT ROWE COURT ILCHESTER ROAD ILCHESTER ROAD	COUNTY DESIGNATED SCENIC ROAD) 60 R/W 60 R/W SURFACE SURFACE SURFACE SURFACE SURFACE SURFACE COMMON EASEMENT L. 10732 F. 317 L. 10732 F. 317 F. 10752 F. 107
	НИМА SUPERPAVE BASE         2.0         2.0         2.0         3.5         3.0         2.5           GRADED AGGREGATE BASE (GAB)         8.5         7.0         5.0         4.0         4.0         4.0           P-1         PAVING         DETAIL         Personal	TILLERN CHRISINE R T/E PARCEL 783, LOT 58 L5040 F290 L5040 F290 ZONED: R-20 ROWE COURT PARCEL 322 PARCEL 322 PARCEL 322 PARCEL 322 PARCEL 322 PARCEL 322 PARCEL 322 PARCEL 322 PARCEL 322 L3898 F ZONED: R-20 ROWE COURT ROWE COURT ILCHESTER ROAD ILCHESTER ROAD	COUNTY DESIGNATED SCENIC ROAD) 60 R/W 60 R/W SURFACE SURFACE SURFACE SURFACE SURFACE SURFACE COMMON EASEMENT L. 10732 F. 317 L. 10732 F. 317 F. 10752 F. 107
	HAA SUPERPAVE BASE ISO, MAY POGA-22, LEVEL I (ESAL) 2.0 2.0 3.5 3.0 2.5 GRADED AGGREGATE BASE (GAB) 8.5 7.0 5.0 4.0 4.0 4.0 P-1 PAVING DETAIL HIMA SUPERPAVE FINAL SURFACE HAA SUPERPAVE INTERMEDIATE SURFACE HAA SUPERPAVE BASE GRADED AGGREGATE BASE (GAB) F = 0 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +	DEDICATED PUBLIC DEDICATED PUBLIC 0AD R/W AREA PER 0.60-116/PLAT 19178 ILCHESTER ROAD ILCHESTER ROAD (PUBLIC MINOR COLLECTOR)	HOWARD COUNTY DESIGNATED SCENIC ROAD) 60 R/W 60 R/W PRIVATE SURFACE ANAGE EASEMENT 7 19178 COMMON EASEMENT COMMON EASEMENT 1 0732 F. 317 466 778 Saressee
	HMA SUPERPAVE BASE       2.0       2.0       3.5       3.0       2.5         19.0 MM PG 84-22, LEVEL 1 (ESAL)       2.0       2.0       3.5       3.0       2.5         GRADED ACCRECATE BASE (CAB)       8.5       7.0       5.0       4.0       4.0       4.0         P-1       PAVING       DETAIL         HMA SUPERPAVE FINAL SURFACE       HMA SUPERPAVE FINAL SURFACE       HMA SUPERPAVE BASE       GRADED ACCRECATE         HMA SUPERPAVE ASE       GRADED ACCRECATE       BASE (CAB)       Grade and a superpave ase       Grade and a superpave ase       Grade and a superpave ase         GRADED ACCRECATE       BASE (CAB)       Grade and a superpave ase         GRADED ACCRECATE       Grade and a superpave ase         GRADE ACCRECATE       Grade and a superpave ase         Grade and a superpave ase       Grade and a superpave ase       Grade and a superpave ase       Grade and a superpave ase       Grade and a superpave ase         Grade and a superpave ase       Grade and a superpave ase       Grad and a superpave ase       Grad a se       G	TILLERN CHRISINE R T/E PARCEL 783, LOT 58 L5040 F290 L5040 F290 ZONED: R-20 ROWE COURT PARCEL 322 PARCEL 322 PARCEL 322 PARCEL 322 PARCEL 322 PARCEL 322 PARCEL 322 PARCEL 322 PARCEL 322 L3898 F ZONED: R-20 ROWE COURT ROWE COURT ILCHESTER ROAD ILCHESTER ROAD	(HOWARD COUNTY DESIGNATED SCENIC ROAD) 60 R/W 60 R/W EX. PRIVATE SURFACE EX. PRIVATE SURFACE EX. PRIVATE SURFACE EX. PRIVATE SURFACE COMMON EASEMENT L. 10732 F. 317 L. 10732 F. 317 R. 20 PUBLIC W PLAT 19178 R. 20 PUBLIC W PLAT 19178 R. 20 PUBLIC W R. 20 PUBLIC W
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	IMA SUPERPARE BASE (GAB)       2.0       2.0       2.0       3.5       3.0       2.5         GRADED AGGREGATE BASE (GAB)       8.5       7.0       5.0       4.0       4.0       4.0         P-1 PAVING DETAIL         Image: Superpart Final Super	DEDICATED PUBLIC DEDICATED PUBLIC 0AD R/W AREA PER 0.60-116/PLAT 19178 ILCHESTER ROAD ILCHESTER ROAD (PUBLIC MINOR COLLECTOR)	(HOWARD COUNTY DESIGNATED SCENIC ROAD) 60 R/W 60 R/W EX. PRIVATE SURFACE EX. PRIVATE SURFACE EX. PRIVATE USE-IN PLAT 19178 24. PRIVATE USE-IN BLAT 19178 24. PRIVATE USE-IN PLAT 19178 25. PRIVATE USE-IN PLAT 19178 24. PRIVATE USE-IN PLAT 19178 25. PRIVATE USE-IN PLAT 19178 25. PRIVATE USE-IN PLAT 19178 24. PRIVATE USE-IN PLAT 19178 25. PRIVATE USE-IN PLAT 19178 25. PRIVATE USE-IN PLAT 19178 25. PRIVATE USE-IN PLAT 19178 26. PRIVATE USE-IN PLAT 19178 27.
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	IMA SUPERANCE BASE (GAB)       2.0       2.0       2.0       3.5       3.0       2.5         GRADED AGGREGATE BASE (GAB)       8.5       7.0       5.0       4.0       4.0       4.0         P-1 PAVING DETAIL         HIMA SUPERANCE FINAL SURFACE         BASE (GAB)         GROED AGGREGATE         BASE (GAB)         CORE         CORE         CORE         CORE         <	DEDICATED PUBLIC DEDICATED PUBLIC 0AD R/W AREA PER 0.60-116/PLAT 19178 ILCHESTER ROAD ILCHESTER ROAD (PUBLIC MINOR COLLECTOR)	(HOWARD COUNTY DESIGNATED SCENIC ROAD) 60 R/W 60 R/W EX. PRIVATE SURFACE EX. PRIVATE SURFACE EX. PRIVATE USE-IN PLAT 19178 24. PRIVATE USE-IN BLAT 19178 24. PRIVATE USE-IN PLAT 19178 25. PRIVATE USE-IN PLAT 19178 26. PRIVATE USE-IN PLAT 19178 27.
	$\frac{1_{3,0} \text{ MM SUPERAVE RASE}}{1_{3,0} \text{ MAZ SUPERAVE RASE}} (2AB) 2.0 2.0 2.0 3.5 3.0 2.5  GRADED AGGREGATE BASE (2AB) 8.5 7.0 5.0 4.0 4.0 4.0  P-1 PAVING DETAIL \frac{P-1 \text{ PAVING DETAIL}}{1_{3,0} \text{ PAVING DETAIL}} HIMA SUPERAVE FINAL SURFACE HIMA SUPERAVE RITEMEDIATE SURFACE HIMA SUPERAVE BASE GRADED AGGREGATE GRADED AGGREGATE GRADED AGGREGATE GRADED AGGREGATE GRADED AGGREGATE REFUSE PAD DETAIL SCALE: 1"=5" \frac{FFUSE PAD DETAIL}{1_{3,0} \text{ PAVING AUTOMOS}} The DEPARTMENT OF PLANNING AND ZONING \frac{1}{242/10} \frac{1}{266/10} \frac{1}{266/10} \frac{1}{266/10} \frac{1}{266/10} \frac{1}{266/10} \frac{1}{266/10} \frac{1}{266/10}$	DEDICATED PUBLIC DEDICATED PUBLIC 0AD R/W AREA PER 0.60-116/PLAT 19178 ILCHESTER ROAD ILCHESTER ROAD (PUBLIC MINOR COLLECTOR)	(HOWARD COUNTY DESIGNATED SCENIC ROAD) 60 R/W 60 R/W EX. PRIVATE SURFACE EX. PRIVATE SURFACE EX. PRIVATE USE-IN PLAT 19178 24. PRIVATE USE-IN BLAT 19178 24. PRIVATE USE-IN PLAT 19178 25. PRIVATE USE-IN PLAT 19178 26. PRIVATE USE-IN PLAT 19178 27.
	19.0 MIA SUPERAVE BASE       2.0       2.0       3.5       3.0       2.5         19.0 MIA SUPERAVE BASE (GAB)       8.5       7.0       5.0       4.0       4.0       4.0         P-1 PAVING DETAIL         HIA SUPERAVE FINAL SURFACE         HIA SUPERAVE INTERMEDIATE SURFACE         GRUED ACCHER AND TONE         GRUED ACCHER AND TONE         GRUED ACCHER AND TONING         ACCHER AND DETAIL         SCALE : 1"=S'         TOPOLO ACCHER AND ZONING         SIGA// COL         SIGA// COL         ACC// COL         SIGA//	DEDICATED PUBLIC DEDICATED PUBLIC 0AD R/W AREA PER 0.60-116/PLAT 19178 ILCHESTER ROAD ILCHESTER ROAD (PUBLIC MINOR COLLECTOR)	(HOWARD COUNTY DESIGNATED SCENIC ROAD) 60 R/W 60 R/W EX. PRIVATE SURFACE EX. PRIVATE SURFACE EX. PRIVATE USE-IN PLAT 19178 24. PRIVATE USE-IN BLAT 19178 24. PRIVATE USE-IN PLAT 19178 25. PRIVATE USE-IN PLAT 19178 26. PRIVATE USE-IN PLAT 19178 27.





TOPSOIL SPECIFICATIONS	SEDIMENT C	ONTROL_NOTES		
opsoil salvaged from the existing site may be used provided that it meets set forth in these specifications. Typically, the depth of topsoil to be sal soil type can be found in the representative soil profile section in the So by USDA—SCS in cooperation with Maryland Agricultural Experimental Statio	ged for a given 1. A MINIMUM OF 24 HOURS NOTICE MUS	IT BE GIVEN TO THE HOWARD COUNTY DEPARTMENT IS, SEDIMENT CONTROL DIVISION PRIOR TO THE 1850).		
<ul> <li>psoil Specifications - Soil to be used as topsoil must meet the following:</li> <li>I. Topsoil shall be a loam, sandy loam, clay loam, silt loam, sandy cla sand. Other soils may be used if recommended by an agronomist and approved by the appropriate approval authority. Regardless, to be a mixture of contrasting texture subsoils and shall contain less volume of cinders, stones, slag, coarse fragments, gravel, sticks, re</li> </ul>	the provisions of this plan and coam, loamy soil scientist control", REVISIONS THERETO. control", REVISIONS THERETO. control", REVISIONS THERETO. control", REVISIONS THERETO. control", REVISIONS THERETO. control, REVISIONS THE REVISIONS THERETO. control,	ACTICES ARE TO BE INSTALLED ACCORDING TO ARE TO BE IN CONFORMANCE WITH THE MOST D SPECIFICATION FOR SOIL EROSION AND SEDIMENT OR REDISTURBANCE, PERMANENT OR TEMPORARY WITHIN: A) 7 CALENDAR DAYS FOR ALL		
other materials larger than 1-1/2" in diameter. ii. Topsoil must be free of plants or plant parts such as Bermuda grass Johnson grass, nutsedge, poison ivy, thistle, or others as specified.	Quack grass, PERIMETER SEDIMENT CONTROL STRUC SLOPES GREATER THAN 3:1, B) 14 D AREAS ON THE PROJECT SITE.	CTURES, DIKES, PERIMETER SLOPES AND ALL AYS AS TO ALL OTHER DISTURBED OR GRADED		
iii. Where the subsoil is either highly acidic or composed of heavy clays, limestone shall be spread at the rate of 4-8 tons/acre (200-400 square feet) prior to the placement of topsoil. Lime shall be distr over designated areas and worked into the soil in conjunction with	AROUND THEIR PERIMETER IN ACCORE bunds per 1,000 AROUND THEIR PERIMETER IN ACCORE country DESIGN MANUAL, STORM DRA			
as described in the following procedures. sites having disturbed areas under 5 acres: I. Place topsoil (if required) and apply soil amendments as specified in Vegetative Stabilization — Section I — Vegetative Stabilization Method	5. ALL DISTURBED AREAS MUST BE STAE ABOVE IN ACCORDANCE WITH THE 13 FOR SOIL EROSION AND SEDIMENT CO (SEC. 54), TEMPORARY SEEDING (SEC 0.0 STABILIZATION WITH MULCH ALONE CA	BILIZED WITHIN THE TIME PERIOD SPECIFIED 94 MARYLAND STANDARDS AND SPECIFICATIONS INTROL FOR PERMANENT SEEDINGS (SEC. 51) SOD 5. 50) AND MULCHING (SEC. 52). TEMPORARY AN ONLY BE DONE WHEN RECOMMENDED SEEDING GERMINATION AND ESTABLISHMENT OF GRASSES.		
Materials. or sites having disturbed areas over 5 acres:	6. ALL SEDIMENT CONTROL STRUCTURES MAINTAINED IN OPERATIVE CONDITION BEEN OBTAINED FROM THE HOWARD (	ARE TO REMAIN IN PLACE AND ARE TO BE UNTIL PERMISSION FOR THEIR REMOVAL HAS COUNTY SEDIMENT CONTROL INSPECTOR.		
<ol> <li>On soil meeting Topsoil specifications, obtain test results dictating fer lime amendments required to bring the soil into compliance with the a. pH for topsoil shall be between 6.0 and 7.5. If the tested s a pH of less than 6.0, sufficient lime shall be prescribed to 6.5 or higher.</li> </ol>	zer and following: 7. SITE ANALYSIS: demonstrates TOTAL ADEA OF SUTE (THIS SU	3 01		
<ul> <li>b. Organic content or topsoil shall be not less than 1.5 percent</li> <li>c. Topsoil having soluble salt content greater than 500 parts per</li> </ul>		0.14		
not be used. d. No sod or seed shall be placed on soil which has been treat sterilants or chemicals used for weed control until sufficient	TOTAL CUT with soil he has TOTAL FILL	<u>    6362                               </u>		
elapsed (14 days min.) to permit dissipation of phyto-toxic Note: Topsoil substitutes or amendments, as recommended by a qua or soil scientist and approved by the appropriate approval authority, may	teriols. OFFSITE WASTE/BORROW AREA and agronomist Used in lieu <b>X</b> IT IS THE RESPONSIBILITY OF THE CO	· · · · · · · · · · · · · · · · · · ·		
of natural topsoil. ii. Place topsoil (if required) and apply soil amendments as specified in Vegetative Stabilization – Section I – Vegetative Stabilization Method Material	OF THE SITE AND ITS GRADING PERM	IT NUMBER AT THE TIME OF CONSTRUCTION.		
Moterials. Topsoil Application	PLACEMENT OF UTILITIES MUST BE RE	HICH IS DISTURBED BY GRADING ACTIVITY FOR PAIRED ON THE SAME DAY OF DISTURBANCE. BE PROVIDED, IF DEEMED NECESSARY BY THE		
<ol> <li>When topsoiling, maintain needed erosion and sediment control pract diversions, grade stabilization structures, earth dikes, slope silt fend traps and basins.</li> <li>Crades on the grade to be topsoiled, which have been previously est</li> </ol>	and sediment HOWARD COUNTY SEDIMENT CONTROL 10. ON ALL SITES WITH DISTURBED AREAS	HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.		
<ul> <li>ii. Grades on the areas to be topsoiled, which have been previously estible maintained, albeit 4" - 8" higher in elevation.</li> <li>iii. Topsoil shall be uniformly distributed in a 4" - 8" layer and lightly c minimum thickness of 4". Spreading shall be performed in such a such a statement of the second stat</li></ul>	PERIMETER EROSION AND SEDIMENT C OTHER EARTH DISTURBANCE OR GRAD pacted to a APPROVALS MAY NOT BE AUTHORIZED	ESTED UPON COMPLETION OF INSTALLATION OF CONTROLS, BUT BEFORE PROCEEDING WITH ANY DING. OTHER BUILDING OR GRADING INSPECTION D UNTIL THIS INITIAL APPROVAL BY THE		
minimum thickness of 4". Spreading shall be performed in such a sodding or seeding can proceed with a minimum of additional soil tillage. Any irregularities in the surface resulting from topsoiling o operations shall be corrected in order to prevent the formation of water pockets.	eparation and ther 11. TRENCHES FOR THE CONSTRUCTION OF	OR THAT WHICH CAN BE BACK FILLED AND STABILIZED WITHIN ONE WORKING DAY,		
iv. Topsoil shall not be placed while the topsoil or subsoil is in a froze condition, when the subsoil is excessively wet or in a condition the be detrimental to proper grading and seedbed preparation.	may otherwise TEMPORARY SEEDB	TEMPORARY SEEDBED PREPARATIONS		
Alternative for Permanent Seeding — Instead of applying the full amounts commercial fertilizer, composted sludge and amendments may be applied below:	lime and VEGETATIVE COVER IS NEEDED. s specified SEEDBED PREPARATION: LOOSEN UPPER 1	SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR		
<ol> <li>Composted Sludge Material for use as a soil conditioner for sites h areas over 5 acres shall be tested to prescribe amendments and disturbed areas under 5 acres shall conform to the following requ</li> </ol>	ng distributed r sites having	OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED. SOIL AMENDMENTS: APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ FT).		
a. Composted sludge shall be supplied by, or originate from, a persons that are permitted (at the time of acquisition of the the Maryland Department of the Environment under COMAR 2	seeding: FOR PERIOD MARCH 1 THROUGH rson or 15, SEED WITH 2-1/2 BUSHELS PER ACRE compost) by PERIOD MAY 1 THROUGH AUGUST 14, SEED 04.06. (.07 LBS/1000 SQ FT). FOR THE PERIOD N	APRIL 30 AND FROM AUGUST 15 THROUGH NOV. OF ANNUAL RYE (3.2 LBS/1000 SQ FT). FOR THE WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS NOVEMBER 16 THROUGH FEBRUARY 28, PROTECT		
b. Composted sludge shall contain at least 1 percent nitrogen, phosphorus, and 0.2 percent potassium and have a pH of compost does not meet these requirements, the appropriate must be added to meet the requirements prior to use.	to 8.0. If AS POSSIBLE IN THE SPRING, OR USE SOD postituents MULCHING: APPLY 1-1/2 TO 2 TONS PER	ACRE (70 TO 90 LBS/1000 SQ FT) OF UNROTTED		
must be added to meet the requirements prior to use. c. Composted sludge shall be applied at a rate of 1 ton/1,000 square feet. jv. Composted sludge shall be amended with a potassium fertilizer applied at the rate				
of 4 lb/1,000 square feet, and 1/3 the normal lime application r ences: Guidelines Specifications, Soil Preparation and Sodding. MD–VA, Pu erative Extension Service, University of Maryland and Virginia Polytechnic In	REFER TO THE 1994 MARYLAND STANDARD #1, SEDIMENT CONTROL FOR RATE AND METHO	IS AND SPECIFICATIONS FOR SOIL EROSION AND DS NOT COVERED.		
APPROVED: DEPARTMENT OF PLANNING AND ZONING	T HEREBY CERTIFY THAT THIS PLAN FOR SED	ER'S CERTIFICATE IMENT AND EROSION CONTROL REPRESENTS A AY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS		
CHIEF, DIVISION OF LAND DEVELOPMENT		WITH THE REQUIREMENTS OF THE HOWARD SOIL		
alalanna	ASTE ENGINEER	4/17/2012 DATE		
CHIEF, DEVELOPMENT ENGINEERING DIVISION	DEVELOP	PER'S CERTIFICATE		
DIRECTOR SOILS LEGEND	OF DEVELOPMENT FOR SEDIMENT AND EROSIO INVOLVED IN THE CONSTRUCTION PROJECT WIL DEPARTMENT OF THE ENVIRONMENT APPROVED	) TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT		
SOILS LEGEND P SOIL POL TYPE MAPPING UNIT	AND EROSION BEFORE BEGINNING THE PROJE BY THE HOWARD SOIL CONSERVATION DISTRIC	CT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION		
C BELTSVILLE SILT LOAM - 0 TO 1 PERCENT SLOPES     B CHILLUM GRAVELLY LOAM - 5 TO 10 PERCENT SLOPES		Oy 119/12 DATE		
B         CHILLUM SILT LOAM 1 TO 5 PERCENT SLOPES MOD           A         GRAVEL PITS AND QUARRIES           2         B         GLENELG LOAM 3 TO 8 PERCENT SLOPES MODERAT	C ERODED THIS DEVELOPMENT PLAN IS APPROVED F	EETS TECHNICAL REQUIREMENTS OR SOIL EROSION AND SEDIMENT CONTROL BY THE		
B GLENELG LOAM - 8 TO 15 PERCENT SLOPES - SEVERLY B GLENELG LOAM - 15 TO 25 PERCENT SLOPES - SEVERI	RODED HOWARD SOIL CONSERVATION DISTRICT.	the allo		
D. USDA SOILS MAP No.33 IDICATES HYDRIC SOILS INCLUSIONS	WARD SCD	WS SIGNATE		
N CONTROL MATTING				
NO. DATE	REVISION			
Summer	ENCHMARK	PROFESSIONAL CERTIFICATION: I hereby certify that these documents were prepared or anoroved by me, and that I am a duly licensed professional		
4" OVERLAP OF MATTING STRIPS WHERE TWO OR MORE STRIP WIDTHS ARE REQUIRED. ATTACH ENGINEE		approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 28559; Expiration Date: 7-22-2013		
CENTERS.	INEERING, INC.			
ON 2" CENTERS	ALTIMORE NATIONAL PIKE A SUITE 418			
ELLICOTT CITY, MARYLAND 21043 PHONE: 410-465-6105 FAX: 410-465-6644				
PENDS OF THE MATTING IN A NARROW NCH AND TAMP FIRMLY TO CONFORM OWNER/DEVELOPE	PROJECT:			
te with a row of staples about 4" Between staples is 6". CENTER USING AN 18" SPACING 11807 WOL	INGFORD COURT LOTS 1 THE	GORGE OVERLOOK		
H 4 ROWS FOR EACH STRIP, 2 OUTER (410)	ZONE: F	46 — GRID 12 — PARCEL 289 R—20 6th ELECTION DISTRICT		
ANOTHER BEGINS, THE END OF THE TOP THE LOWER STRIP BY 4", SHIPLAP FASHION. ROW OF STAPLES SPACED 6" APART IN A CORNER	TONE HOMES	AND EROSION CONTROL		
9695 N		OTES AND DETAILS, AND -LOT SWM DETAILS		

(410) - 792 - 2565MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION Draft: AAM Des: AAM

LAUREL, MARYLAND, 20723

SDP-10-033

DATE:

SCALE:

Check: BFC

JANUARY, 2010

MARCH, 2012

AS SHOWN

PROJECT NO. 1560

DRAWING <u>3</u> OF <u>3</u>