



HOWARD COUNTY
BOARD OF EDUCATION
TAX MAP 35, PARCEL 265
L 489, F 494
ZONED: NT

ATHOLTON HIGH SCHOOL
TAX MAP 35, PARCEL 249
L 416, F 447
ZONED: R-SC

LEGEND	
SYMBOL	DESCRIPTION
---	EXISTING CONTOURS
-x-x-	EXISTING FENCE
---	BOUNDARY/RIGHT OF WAY LINE
-BRL-	BUILDING RESTRICTION LINE
-S-	EXISTING SEWER
-OHE-	EXISTING OVERHEAD ELECTRIC
-W-	EXISTING WATER
-T-	EXISTING TREELINE
ST#s	EXISTING SPECIMEN TREE
-LOD-	PROPOSED L.O.D.
○	PROPOSED DRY WELLS
---	EXISTING PAVING TO REMAIN & PROPOSED PAVING
-SF-	SILT FENCE
-SSF-	SUPER SILT FENCE
-N-2-	NON-ROOFTOP DISCONNECTION (N-2) TO BE ABANDONED
TBA	TBA
---	EXISTING PAVING TO BE REMOVED

OWNER/DEVELOPER
MRS. AUDREY KING
6567 FREETOWN ROAD
COLUMBIA, MD, 21044-4001
410-707-3366 ATTN: KATHLEEN CARTER

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CONTINENTAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLSWORTH CITY, MARYLAND 21042
(410) 461-2855

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Kathleen Carter
Chief, Division of Land Development
Date: 6-17-15

John E. Ehrlich
Chief, Development Engineering Division
Date: 6-18-15

PROFESSIONAL CERTIFICATION
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. 38386, EXPIRATION DATE: 01/12/2016.

Stephanie J. Jurek 6/15/15
Signature of Professional Engineer DATE

LANDSCAPING PLANT LIST			
QTY.	KEY	NAME	SIZE
3	○	ACER RUBRUM 'RED SUNSET' (RED SUNSET RED MAPLE)	2.5"-3" CAL. FULL CROWN, B&B
2	○	TILIA CODATA 'GREENSPIRE' (GREENSPIRE LITTLELEAF LINDEN)	2.5"-3" CAL. FULL CROWN, B&B
7	○	THUJA PLICATA (GIANT ARBORVITAE 'GREEN GIANT')	5'-6" HT. CONT./B&B

TOTAL: 5 SHADE TREES & 7 EVERGREENS

Developer's/Builder's Certificate
I/We certify that the landscaping shown on this plan will be done according to Section 16.124 of the Howard County Code and the Howard County Landscape Manual. I/We further certify that upon completion a letter of notice of Landscape Installation accompanied by an executed one year guarantee of plant materials will be submitted to the Department of Planning and Zoning.

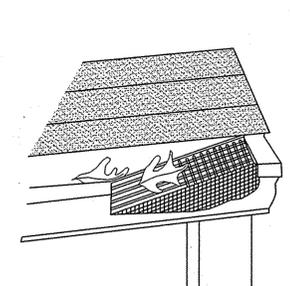
Kathleen Carter 6/15/15
Developer/Builder Date

LANDSCAPE, SUPPLEMENTAL, SOILS PLAN
Property Of
James And Audrey King
Lots 5 Thru 7

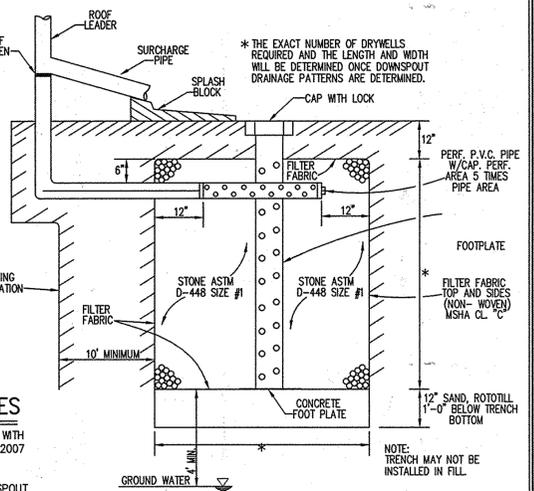
(Being A Resubdivision Of Lot 4, As Shown On A Plat Entitled "Property Of James & Audrey King, Lot 1-4" And Recorded Among The Land Records Of Howard County, Maryland As Plat No. 7373)

Zoned: R-12
Tax Map: 35, Parcel: 139, Grid: 24
Fifth Election District - Howard County, Maryland
Date: June, 2015 Scale: Scale 1"=30' Sheet 2 Of 2

GUTTER DRAIN FILTER DETAIL
NOT TO SCALE

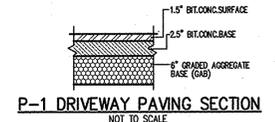


- STORMWATER MANAGEMENT NOTES**
- STORMWATER MANAGEMENT IS PROVIDED IN ACCORDANCE WITH CHAPTER 5, "ENVIRONMENTAL SITE DESIGN" OF THE 2007 MARYLAND STORMWATER MANAGEMENT DESIGN MANUAL, EFFECTIVE MAY 4, 2010.
 - MAXIMUM CONTRIBUTING ROOF TOP AREA TO EACH DOWNSPOUT SHALL BE 1,000 SQ. FT. OR LESS.
 - DRYWELLS SHALL BE PROVIDED AT LOCATIONS WHERE THE LENGTH OF DISCONNECTION IS LESS THAN 75' AT 5% THE SIZE AND CONSTRUCTION OF THE DRYWELL SHALL BE IN ACCORDANCE WITH THE DETAIL SHOWN ON THIS SHEET.
 - FINAL GRADING IS SHOWN ON THIS SITE DEVELOPMENT PLAN.



DRY WELL DETAIL (M-5)
NOT TO SCALE

DRY WELL CHART						
DRYWELL NO.	AREA OF ROOF PER DOWN SPOUT	VOLUME REQUIRED	VOLUME PROVIDED	AREA OF TREATMENT	L	D W
LOT 6 (1)	1,000 SQ. FT.	95 C.F.	200 C.F.	100%+	10' x 8' x 5'	
LOT 6 (2)	1,000 SQ. FT.	95 C.F.	200 C.F.	100%+	8' x 10' x 5'	
LOT 7 (1)	1,000 SQ. FT.	95 C.F.	200 C.F.	100%+	10' x 10' x 5'	
LOT 7 (2)	1,000 SQ. FT.	95 C.F.	200 C.F.	100%+	10' x 10' x 5'	



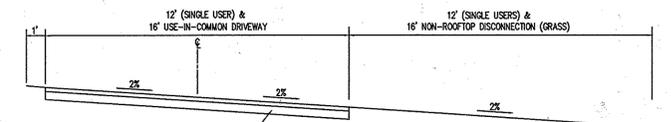
P-1 DRIVEWAY PAVING SECTION
NOT TO SCALE

OPERATION & MAINTENANCE SCHEDULE FOR PRIVATELY OWNED AND MAINTAINED, DISCONNECTION OF NONROOFTOP RUNOFF (N-2)

- MAINTENANCE OF AREAS RECEIVING DISCONNECTION RUNOFF IS GENERALLY NO DIFFERENT THAN THAT REQUIRED FOR OTHER LOTS OR UNDEVELOPED AREAS. THE AREAS RECEIVING RUNOFF SHOULD BE PROTECTED FROM FUTURE COMPACTON OR DEVELOPMENT OF IMPERVIOUS AREA. IN COMMERCIAL AREAS FOOT TRAFFIC SHOULD BE DISCOURAGED AS WELL.

OPERATION & MAINTENANCE SCHEDULE FOR PRIVATELY OWNED AND MAINTAINED DRY WELLS (M-5)

- THE OWNER SHALL INSPECT THE MONITORING WELLS AND STRUCTURES ON A QUARTERLY BASIS AND AFTER EVERY HEAVY STORM EVENT.
- 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.
- THE OWNER SHALL MAINTAIN A LOG BOOK TO DETERMINE THE RATE AT WHICH THE FACILITY DRAINS.
- WHEN THE FACILITY BECOMES CLOGGED SO THAT IT DOES NOT DRAIN DOWN WITHIN A SEVENTY-TWO (72) HOUR TIME PERIOD, CORRECTIVE ACTION SHALL BE TAKEN.
- THE MAINTENANCE LOG BOOK SHALL BE AVAILABLE TO HOWARD COUNTY FOR INSPECTION TO INSURE COMPLIANCE WITH OPERATION AND MAINTENANCE CRITERIA.
- 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.



12' INDIVIDUAL & 16' USE-IN-COMMON DRIVEWAY CROSS SLOPE SECTION
NOT TO SCALE

SOILS LEGEND			
SOIL	NAME	CLASS	K FACTOR
GbB	Gladstone loam, 3 to 8 percent slopes	B	0.20
GbC	Gladstone loam, 8 to 15 percent slopes	B	0.20
GfB	Gladstone-Urban land complex, 0 to 8 percent slopes	B	0.20
GnB	Glennville-Balle silt loams, 0 to 8 percent slopes	C	0.37
UuB	Urban land-Urban land complex, 0 to 8 percent slopes	D	-

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