

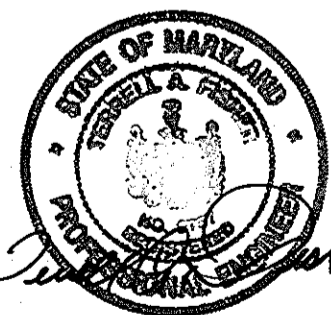
SOILS LEGEND		
SOIL	NAME	CLASS
GbC	Gladstone loam, 0 to 15 percent slopes	B
GfB	Gladstone-Urbain land complex, 0 to 0 percent slopes	B
GnB	Glenville-Baile silt loams, 0 to 0 percent slopes	C

FOREST CONSERVATION WORKSHEET
Version 1.0

Project: 5835 & 5847 Trotter Road
Date: February 1, 2010

NET TRACT AREA		Acres
A. Total tract area		2.97
B. Area within 100 Year Floodplain		0
C. Area to remain in agricultural production		0
D. Net Tract Area		2.97
LAND USE CATEGORY: (from table 3.2.1, page 40, Manual)		
ARA	MDR	IDA
X	HDR	MPD
CIA		
E. Afforestation Threshold (percentage)	15%	0.45
F. Conservation Threshold (percentage)	20%	0.59
EXISTING FOREST COVER:		
G. Existing forest cover (excluding floodplain)		0.0
H. Area of forest above afforestation threshold		0.0
I. Area of forest above conservation threshold		0.0
BREAK EVEN POINT:		
J. Forest retention above threshold with no mitigation		NA
K. Clearing permitted without mitigation	Break-Even Point	0.0
PROPOSED FOREST CLEARING		
L. Total area of forest to be Cleared or Retained Outside FCE		0.0
M. Total area of forest to be Retained in FCE		0.0
PLANTING REQUIREMENTS		
N. Reforestation for clearing above Conservation Threshold		0.0
P. Reforestation for clearing below Conservation Threshold		0.0
Q. Credit for retention above conservation threshold		0.0
R. Total reforestation required		0.0
S. Total afforestation required		0.45
T. Total reforestation and afforestation required		0.45

- Legend**
- Existing Contours
 - Specimen Tree w/critical root zone
 - Landscape/Ornamental plantings



FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTRAL SQUARE OFFICE PARK - 10772 BALTIMORE NATIONAL PIKE
ELLSWORTH CITY, MARYLAND 21042
(410) 411-2955

APPROVED: DEPARTMENT OF PLANNING AND ZONING

[Signature] 10/1/10
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

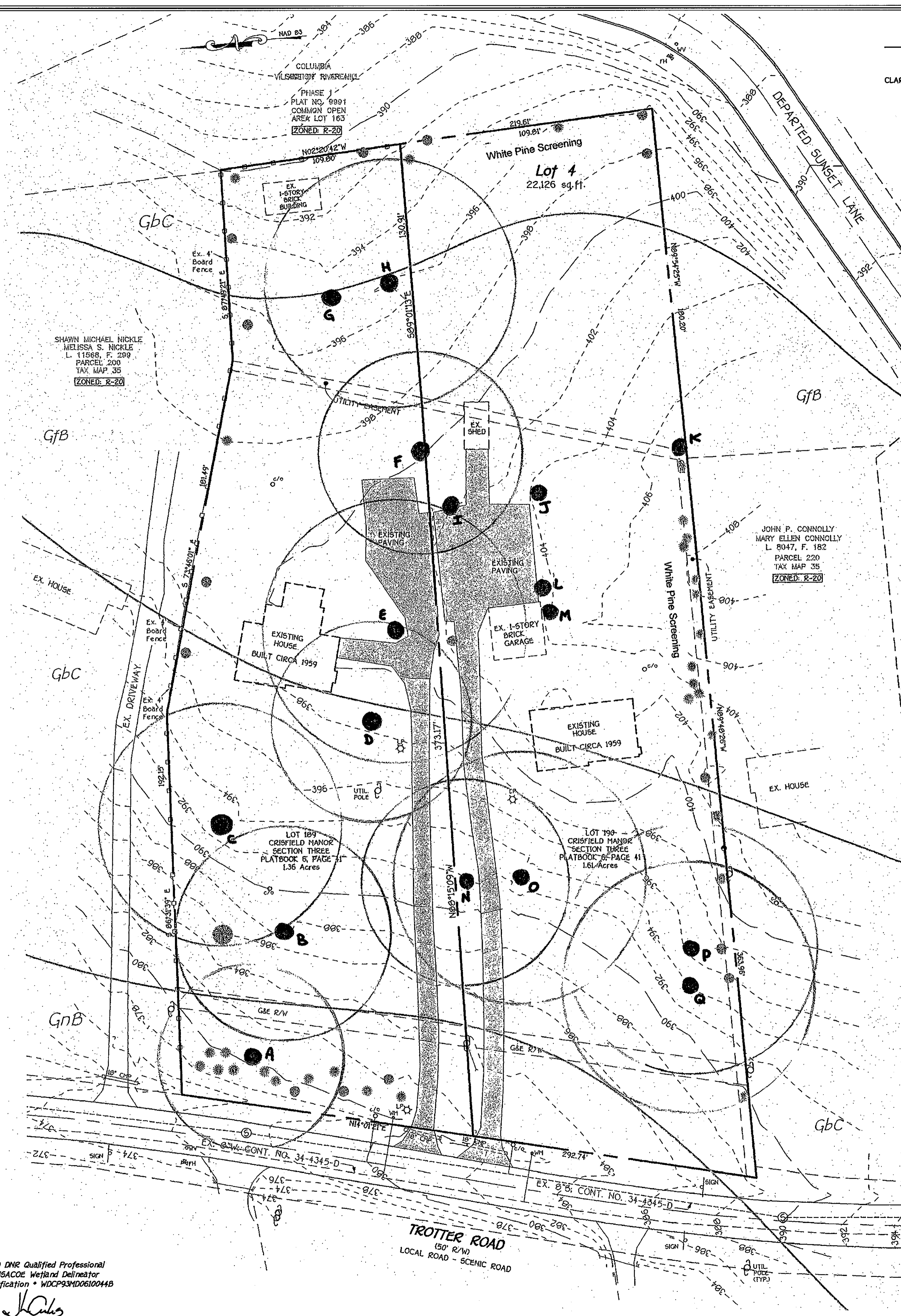
[Signature] 10/1/10
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

Eco-Science Professionals, Inc.
CONSULTING ECOLOGISTS



MD DNR Qualified Professional
USACOE Wetland Delineator
Certification # WDCP93MD06100448

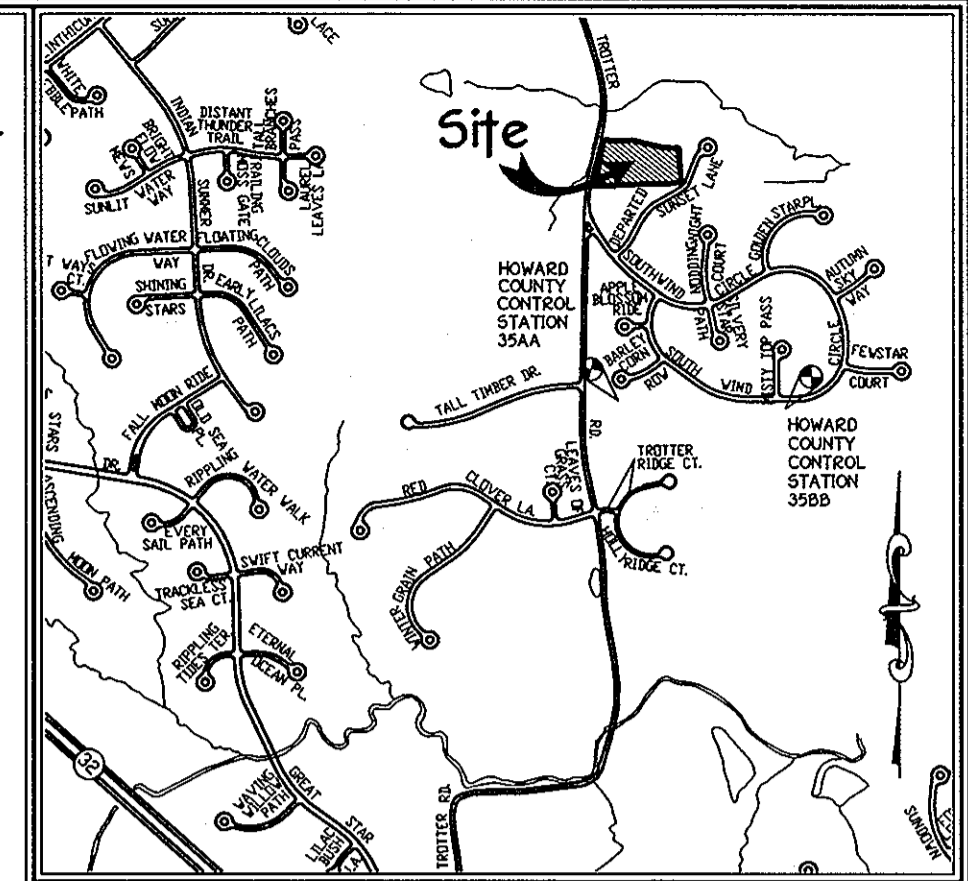
[Signature]
JOHN P. CAGLES



OWNERS/DEVELOPERS

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PH. 410-531-1069

DAVOUD TAJ
VIDA TAJ
5835 TROTTER ROAD
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PH. 410-531-6093



NOTES:

1. No rare, threatened or endangered species were observed on the property.
2. Surrounding land use is medium density residential.
3. No forest is present on the subject.
4. No wetlands, streams or buffers are present on the site.
5. A waiver to section Sec 16.1205(a) is required to clear specimen trees from the site.

SPECIMEN TREE DATA

KEY	SPECIES, SIZE	COMMENTS
A	RED OAK 31"	FAIR CONDITION, BRANCHES TRIMMED (TO REMAIN)
B	TULIP POPLAR 36"	FAIR CONDITION, (TO BE REMOVED)
C	RED OAK 41"	GOOD CONDITION, BRANCHES TRIMMED (TO REMAIN)
D	RED OAK 32.5"	GOOD CONDITION, (TO REMAIN)
E	RED OAK 44"	FAIR CONDITION, BRANCHES TRIMMED (TO REMAIN)
F	TULIP POPLAR 34"	FAIR CONDITION, (TO REMAIN)
G	BLACK GUM 30"	GOOD CONDITION, (TO BE REMOVED)
H	TULIP POPLAR 42"	GOOD CONDITION, (TO BE REMOVED)
I	TULIP POPLAR 32"	GOOD CONDITION, (TO BE REMOVED)
J	TULIP POPLAR 43"	GOOD CONDITION, (TO BE REMOVED)
K	TULIP POPLAR 42"	GOOD CONDITION, (TO REMAIN)
L	RED MAPLE 32.5"	POOR CONDITION, TRUNK ROT (TO REMAIN)
M	TULIP POPLAR 37"	GOOD CONDITION, (TO REMAIN)
N	TULIP POPLAR 34.5"	GOOD CONDITION, (TO BE REMOVED)
O	TULIP POPLAR 43.5"	GOOD CONDITION, (TO REMAIN)
P	TULIP POPLAR 43"	GOOD CONDITION, (TO REMAIN)
Q	TULIP POPLAR 43"	FAIR CONDITION, (TO REMAIN)

SIMPLIFIED FOREST STAND DELINEATION PLAN
TROTTER CREST

LOTS 1 THRU 6
A RESUBDIVISION OF CRISWOOD MANOR
LOTS 109 AND 190 SECTION THREE, PLAT
BOOK 6, PLAT No. 41

TAX MAP #35 PARCEL No. 201 & 202
FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
ZONED: R-20 SCALE: 1"=30' DATE: SEPTEMBER 1, 2010
SHEET 2 OF 3

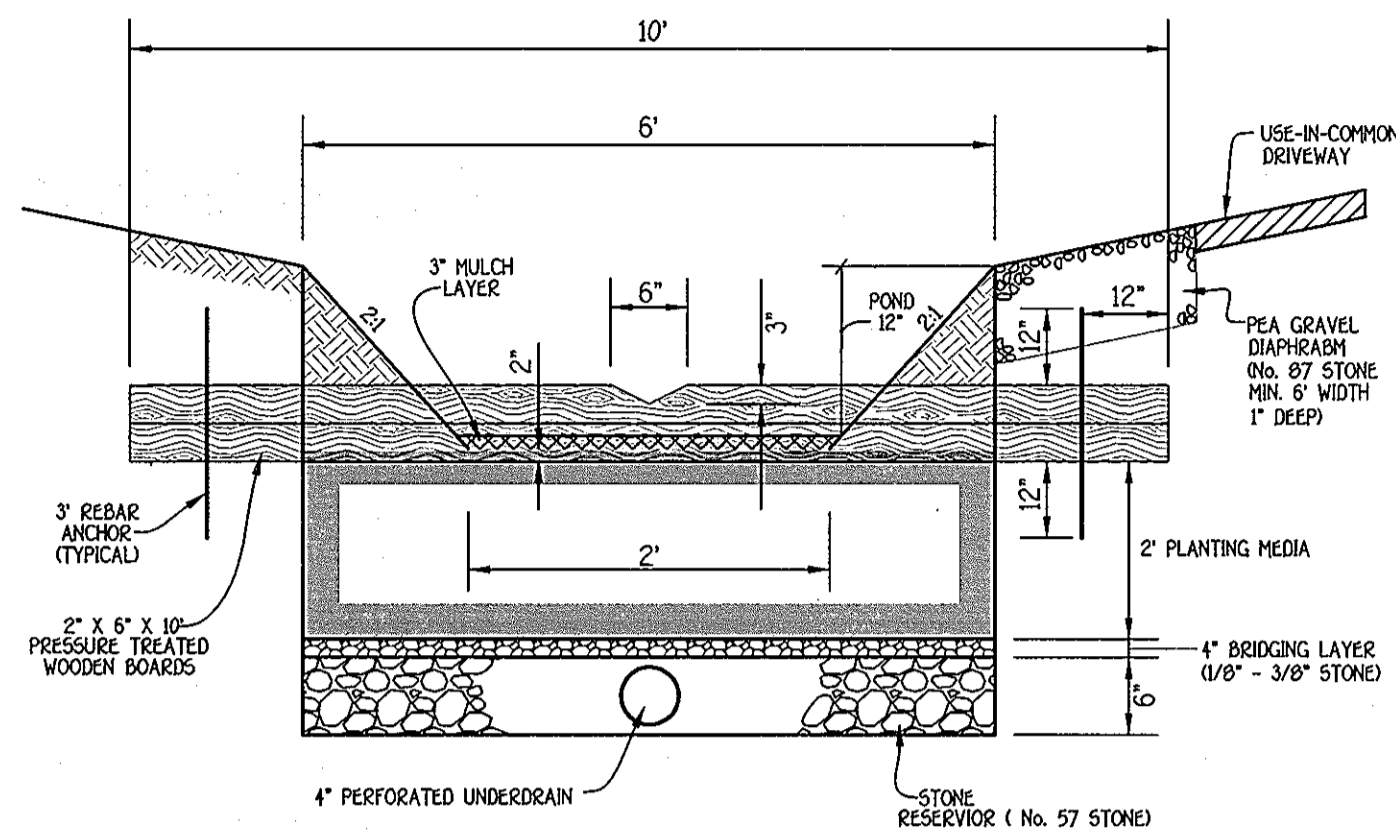
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LEGEND

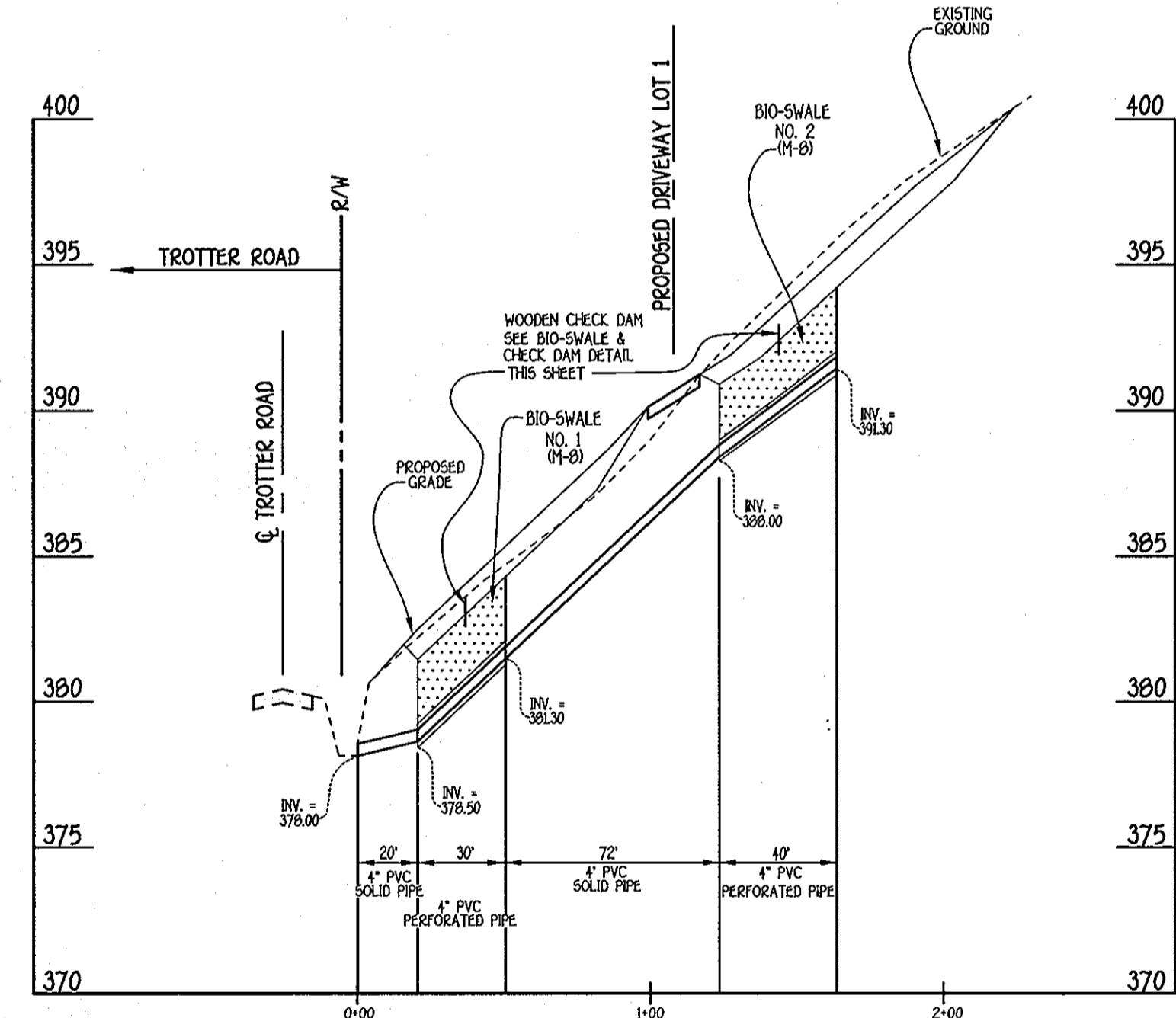
- 492--- EXISTING 2' CONTOURS
- 490--- EXISTING 10' CONTOURS
- 482--- PROPOSED CONTOUR
- SHEET FLOW (5X MAX.)
- DISCONNECTED IMPERVIOUS AREA
- DISCONNECTION RECEIVING AREA

NOTE: UNIT SIZE SHOWN REFLECT NOMINAL BUILDING SIZE AND IS SUBJECT TO FINAL ARCHITECTURE. FINAL DOWNSPOUT LOCATIONS SUBJECT TO FINAL ARCHITECTURE.

- GLB2 SOILS LINES AND TYPE
- MLC2
- SPECIMEN TREE
- L.O.D. LIMIT OF DISTURBANCE (L.O.D.)
- EXISTING PAVING (TO BE REMOVED)
- EXISTING PAVING (TO BE REMAIN)
- STREAM AND TOP OF BANK
- 588 TOP OF STREAM BANK BUFFER



BIO-SWALE (M-8) & WOODEN CHECK DAM DETAIL
SECTION "A - A"
NOT TO SCALE

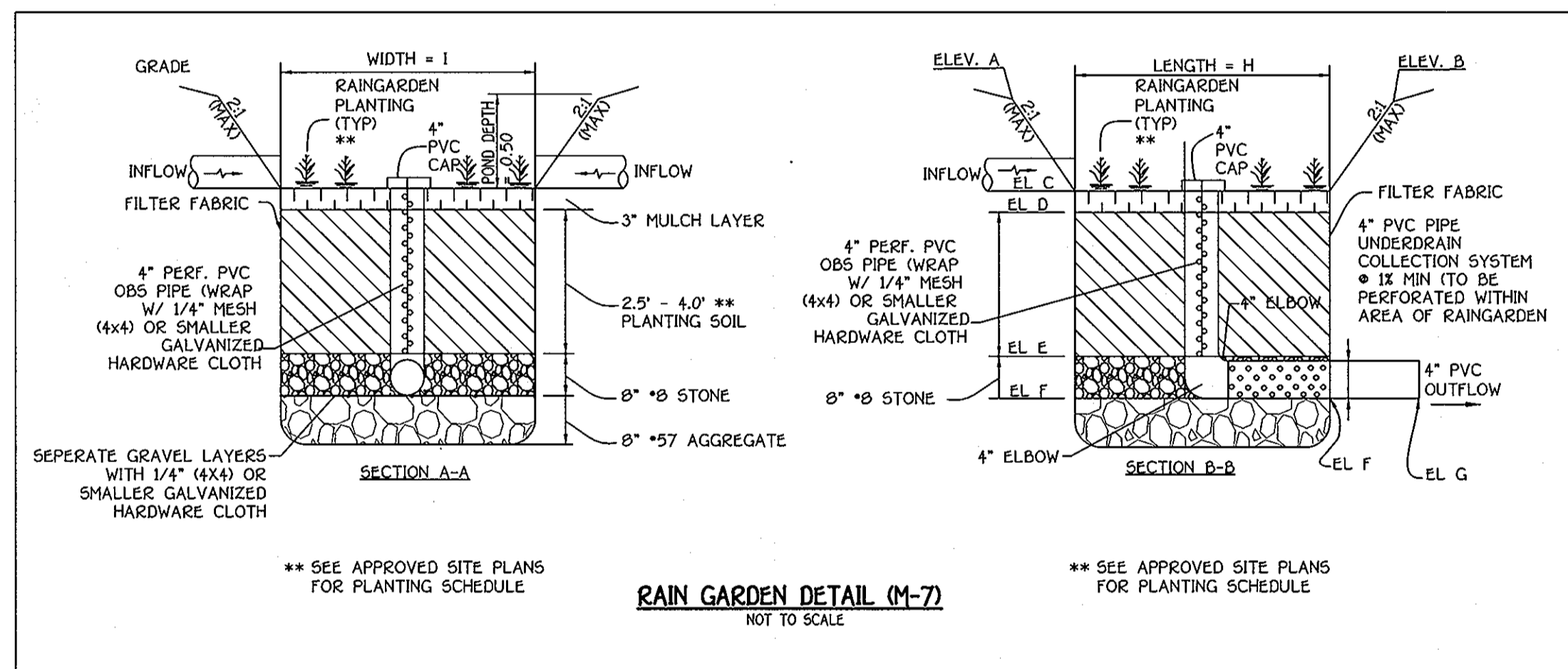
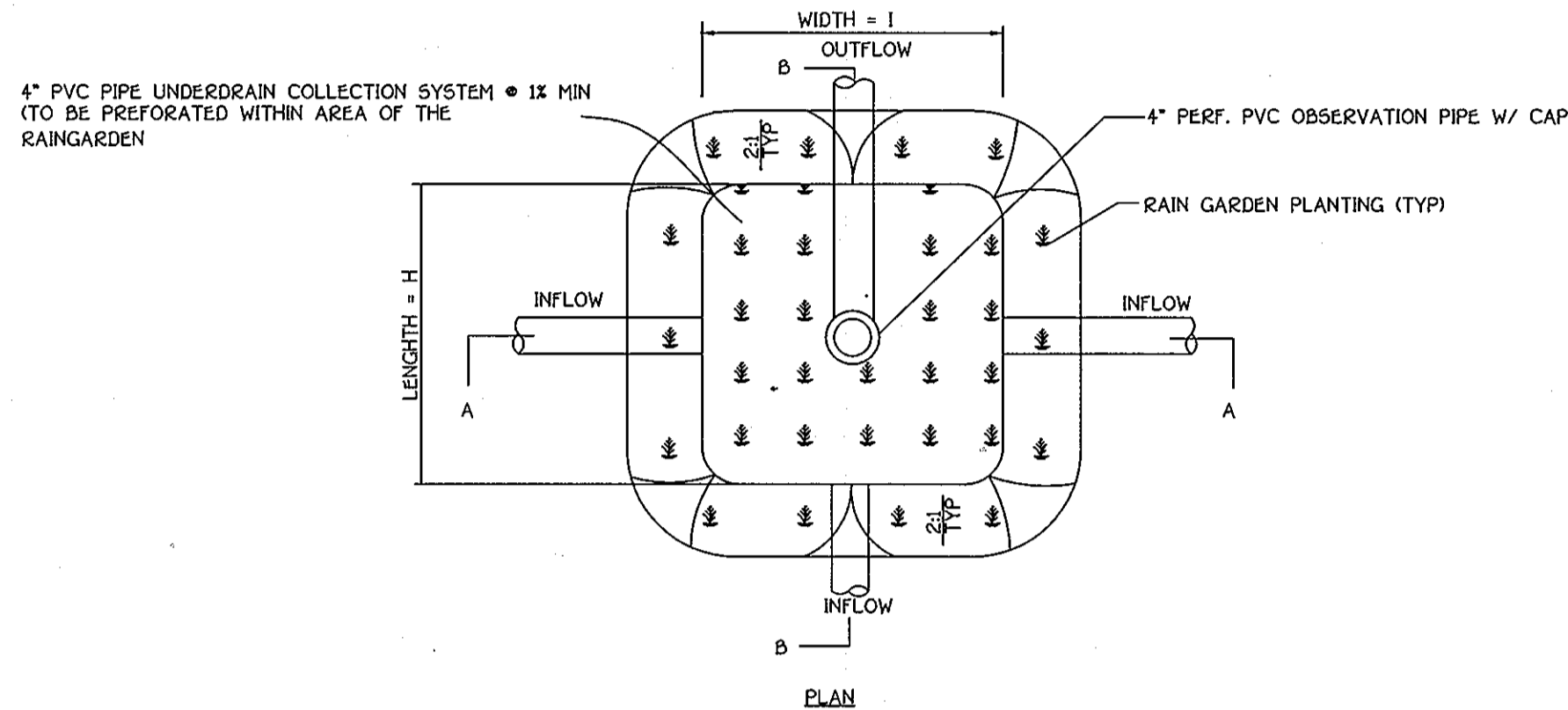


BIO-SWALES FOR THE USE-IN-COMMON DRIVEWAY

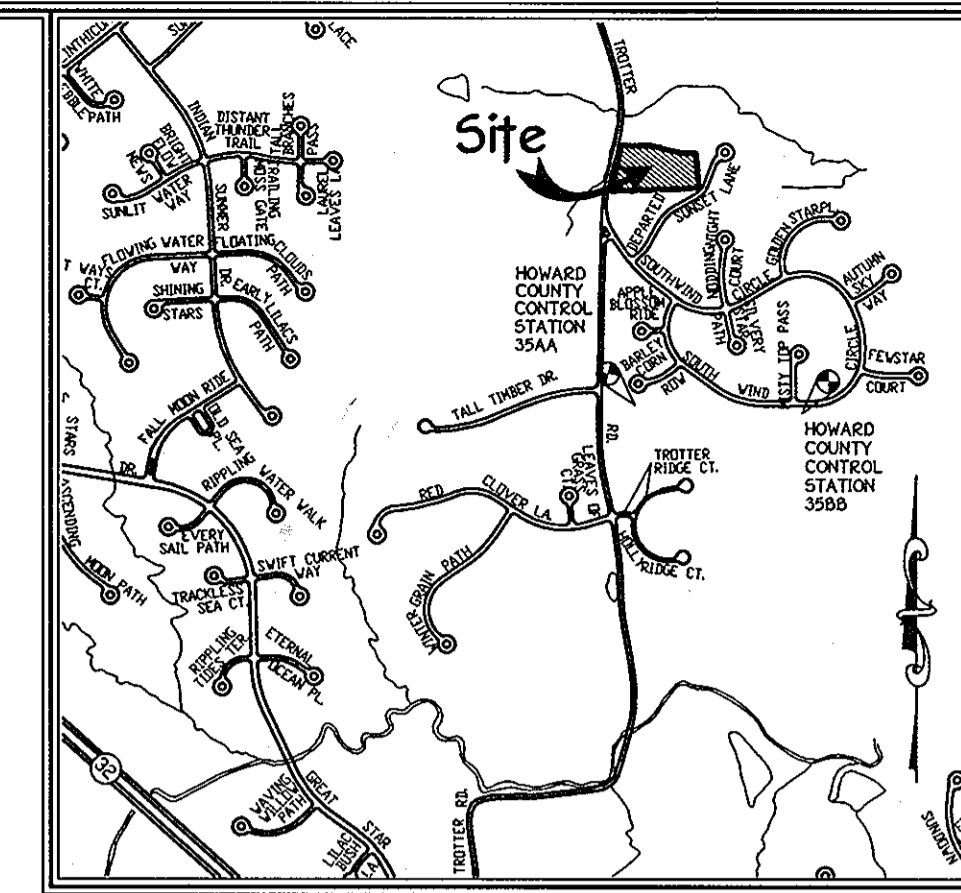
SCALE: VERT. 1" = 5'
HORIZ. 1" = 50'

NOTE:
THE PLANTING MEDIA, MULCH, AND UNDERDRAIN SYSTEMS SHALL CONFORM TO THE SPECIFICATIONS FOUND IN APPENDIX B.4 OF THE 2000 MARYLAND STORMWATER DESIGN MANUAL.

RAINGARDEN FILTER	A	B	C	D	E	F	G	H	I	J
1	383.00	383.00	382.50	382.25	380.25	379.50	378.00	10'	15'	379.09
2	381.00	381.00	380.50	380.25	378.25	377.50	376.00	13'	10'	377.10
3	387.50	387.50	387.00	386.75	384.75	384.00	383.50	10'	10'	383.62
4	388.00	388.00	387.50	387.25	385.25	384.50	384.00	10'	10'	383.78
5	394.00	394.00	393.50	393.25	391.25	390.50	390.00	11'	10'	389.05



RAIN GARDEN DETAIL (M-7)
NOT TO SCALE



RAIN GARDEN PLANTING DETAIL
NOT TO SCALE

- MIXED PERENNIALS: CUT-LEAF CONEFLOWER, TRANSPARENT ASTER
- MIXED GRASSES: TUFTED FOXTAIL, WATER GRASS, SWITCH GRASS
- SILKY DOGWOOD

NOTE:
PLANT MATERIAL MUST COVER AT LEAST 50% OF THE SURFACE AREA OF THE RAINGARDEN.

QUANTITY	NAME	MAXIMUM SPACING (FT)
45	MIXED PERENNIALS	1 FT.
45	MIXED GRASSES	1 FT.
1	SILKY DOGWOOD	PLANT AWAY FROM INFLOW LOCATION

PRIVATE RAIN GARDEN (M-7) & BIO-SWALE (M-8) OPERATION & MAINTENANCE SCHEDULE

- ANNUAL MAINTENANCE OF PLANT MATERIAL, MULCH LAYER AND SOIL IS LIMITED TO CORRECTING AREAS OF EROSION OR WASH OUT. ANY MULCH REPLACEMENT SHALL BE DONE IN THE SPRING. PLANT MATERIAL SHALL BE CHECKED FOR DISEASE AND INSECT INFESTATION AND MAINTENANCE WILL ADDRESS DEAD MATERIAL AND PRUNING.
- SCHEDULE OF PLANT INSPECTION WILL BE TWICE A YEAR IN SPRING AND FALL. THIS INSPECTION WILL INCLUDE REMOVAL OF DEAD AND DISEASED VEGETATION BEYOND TREATMENT. TREATMENT OF ALL DISEASED TREES AND SHRUBS AND REPLACEMENT OF ALL DEFICIENT STAKES AND WIRES.
- MULCH SHALL BE INSPECTED EACH SPRING. REMOVE PREVIOUS MULCH LAYER BEFORE APPLYING NEW LAYER ONCE EVERY 2 TO 3 YEARS.
- SOIL EROSION TO BE ADDRESSED ON AN AS NEEDED BASIS, WITH A MINIMUM OF ONCE PER MONTH AND AFTER HEAVY STORM EVENTS.

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

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

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Kurt Sheldahl
CHIEF, DIVISION OF LAND DEVELOPMENT

10/11/10
DATE

John P. Canoles
CHIEF, DEVELOPMENT ENGINEERING DIVISION

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SUPPLEMENTAL PLAN
LANDSCAPE, FOREST CONSERVATION,
TOPOGRAPHY AND SOILS
TROTTER CREST
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