

F14-040

- 2. A Twelve (12) Inch Layer Of Topsoil Shall Be Spread Over All Reforestation Areas Impacted By Site Grading To Assure A Suitable Planting Area, if Applicable. Disturbed Areas Shall Be Seeded And Stabilized In Accordance With The Sediment & Erosion Control Plan For This Project. Planting Areas Not Impacted By Site Grading Shall Have No Additional Topsoil Installed.
- 3. All Bare Rood Planting Stock Shall Have Their Root System Dipped Into An Anti-Desiccant Gel Prior To Planting.
- 4. Plants Shall Be Installed So That The Top Of The Root Mass Is Level With The Top Of Existing Grade. BackFill In The Planting Pits Shall Consist of 3 Parts Existing Soil to 1 Part Pine Fines Or Equivalent.
- 5. Fertilizer Shall Consist Of Agriform 22-8-2, Or Equivalent, Applied As Per Manufacturer's Specifications.
- 6. A Two (2) Inch Layer Of Hardwood Mulch Shall Be Placed Over The Root Area Of All Plantings. See Planting Detail.
- 7. Plant Material Shall Be Transported To The Site In A Tarped Or Covered Truck. Plants Shall Be Kept Moist Prior To Planting.
- 6. All Non-Organic Debris Associated With The Planting Operation Shall Be Removed From The Site By The Contractor.

SEQUENCE OF CONSTRUCTION

- 1. Sediment Controls And Tree Protective Devices Shall Be Installed In Accordance With Sediment & Erosion Control Plans For This Site. If Applicable. Site Shall Be Graded in Accordance With The Plans.
- 2. Proposed Reforestation Areas Impacted By The Site Grading Shall Be Topsoiled And Stabilized As Per Note 2 Of The "Planting / Soil Specifications".
- 3. Plants Shall Be installed And Maintained As Per Notes And Specifications For This Project.
- 4. Upon Completion Of The Plantings, Signage Shall Be Installed As Per The Signage Detail.
- 5. Plantings Shall Be Guaranteed and Maintained In Accordance With The "Guarantee Requirements" And "Maintenance Of Plantings" Associated With This Project.

MULTIFLORA ROSE CONTROL NOTE:

PRIOR TO PLANTING ALL MULTIFLORA ROSE WITHIN PLANTING AREAS SHALL BE REMOVED. Removal Of The Multiflora Rose May Be Performed With Mowing And Herbicide Treatments. Physical Removal Of All Top Growth Followed By A Periodic Herbicide Treatment Of Stump Sprouts Is Recommended. Native Tree And Shrub Species Occurring Within The Rose Thickets Should Be Retained Wherever Possible. Herbicide Treatments Shall Occur On Two (2) Month Intervals During The First Growing Seaseon And Once In The Spring And Once In the Fall For Subsequent Years. Herbicide Used Shall Be Made Specifically To Address Woody Plant Material And Shall Be Applied As Per Manufacturers Specifications. Care Should Be Taken Not To Spray Planted Trees Or Naturally Occurring Native Tree And Shrub Seedlings. It is Recommended That Initiation Of Rose Removal Begin At Least Six Months Prior To Planting So That New Growth OF Roses is Able To Be More Successfully Managed.

FOREST PROTECTION GENERAL NOTES

- 1. ALL FOREST RETENTION AREAS SHALL BE TEMPORARILY PROTECTED BY WELL ANCHORED BLAZE ORANGE PLASTIC MESH FENCING, AS NECESSARY, AND SIGNAGE AS INDICATED ON THE PLANS. THE DEVICES SHALL BE INSTALLED ALONG THE FOREST RETENTION BOUNDARY PRIOR TO ANY LAND CLEARING, GRUBBING, OR GRADING ACTIVITIES.
- 2. THE FOREST PROTECTION DEVICES SHALL BE INSTALLED SUCH THAT THE CRITICAL ROOT ZONES OF ALL TREES WITHIN THE RETENTION AREA NOT OTHERWISE PROTECTED WILL BE WITHIN FOREST PROTECTION DEVICES, UNLESS ROOT PRUNING IS PROPOSED.
- ALL PROTECTION DEVICES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION, INCLUDING SILT FENCE BEING USED AS PROTECTIVE FENCING. ALL DEVICES SHALL REMAIN IN PLACE UNTIL ALL CONSTRUCTION HAS CEASED IN THE IMMEDIATE VICINITY.
- ATTACHMENT OF SIGNS, OR ANY OTHER OBJECTS TO TREES IS PROHIBITED. NO EQUIPMENT, MACHINERY, VEHICLES, MATERIALS OR EXCESSIVE PEDESTRIAN TRAFFIC SHALL BE ALLOWED WITHIN THESE PROTECTED AREAS.
- INSTALLATION AND MAINTENANCE OF PROTECTIVE FENCING AND SIGNAGE SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR SHALL TAKE THE UTMOST CARE TO PROTECT TREE ROOT SYSTEMS DURING ALL CONSTRUCTION ACTIVITIES. TREE ROOT SYSTEMS SHALL BE PROTECTED FROM SMOTHERING, FLOODING, EXCESSIVE WETTING FROM DE-WATERING OPERATIONS, OFF-SITE RUN OFF, SPILLAGE AND DRAINING OF MATERIALS THAT MAY BE HARMFUL TO TREES.
- 6. THE GENERAL CONTRACTOR SHALL PREVENT PARKING OF CONSTRUCTION VEHICLES AND EQUIPMENT, AND THE STORING OF BUILDING SUPPLIES OR STOCKPILING OF EARTH WITHIN FOREST CONSERVATION EASEMENTS.
- REMOVAL OF TOPSOIL OR ROOT MAT WITHIN THE TREE PRESERVATION AREA SHALL BE PROHIBITED.
- 8. THE GENERAL CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY TREES DAMAGED OR DESTROYED WITHIN THE FOREST CONSERVATION EASEMENTS.
- 9. ROOT PRUNING SHALL BE USED AT THE LIMIT OF DISTURBANCE OR LIMIT OF GRADING WITHIN AND ADJACENT TO ALL PRESERVATION AREAS, AS NECESSARY.

PRE-CONSTRUCTION MEETING

- AFTER THE BOUNDARIES OF THE FOREST RETENTION AREAS HAVE BEEN FIELD LOCATED AND MARKED, AND AFTER THE FOREST PROTECTION DEVICES HAVE BEEN INSTALLED, BUT BEFORE ANY OTHER DISTURBANCE HAS TAKEN PLACE ON SITE, A PRE-CONSTRUCTION MEETING SHALL TAKE PLACE ON SITE. THE DEVELOPER, CONTRACTOR OR PROJECT MANAGER, AND HOWARD COUNTY INSPECTORS SHALL ATTEND. THE PURPOSE OF THIS
 - A TO IDENTIFY THE LOCATIONS OF THE FOREST RETENTION AREAS, SPECIMEN TREES WITHIN 50 FEET OF THE LIMIT OF DISTURBANCE, LIMITS OF CONSTRUCTION, EMPLOYEE
- PARKING AREAS AND EQUIPMENT STAGING AREAS; B. INSPECT ALL FLAGGED BOUNDARIES AND PROTECTION DEVICES;
- C. MAKE ALL NECESSARY ADJUSTMENTS: D. ASSIGN RESPONSIBILITIES AS APPROPRIATE AND DISCUSS PENALTIES.

CONSTRUCTION MONITORING

BASIC SITE DATA:

A. TOTAL TRACT AREA....

C. NET TRACT AREA....

- 1. THE SITE SHALL BE INSPECTED PERIODICALLY DURING THE CONSTRUCTION PHASE OF THE PROJECT. A QUALIFIED PROFESSIONAL SHALL BE RESPONSIBLE FOR IDENTIFYING DAMAGE TO PROTECTED FOREST AREAS OR INDIVIDUAL TREES WHICH MAY HAVE BEEN CAUSED BY CONSTRUCTION ACTIVITIES, SUCH AS SOIL COMPACTION, ROOT INJURY, TRUNK WOUNDS, LIMB INJURY, OR STRESS CAUSED BY FLOODING OR DROUGHT CONDITIONS.
- 2. ANY SUCH DAMAGE THAT MAY OCCUR SHALL BE REMEDIED IMMEDIATELY USING APPROPRIATE MEASURES. SEVERE PROBLEMS MAY REQUIRE CONSULTATION WITH A PROFESSIONAL
- 3. THE CONSTRUCTION PROCEDURE SHALL NOT DAMAGE AREAS OUTSIDE OF THE LIMITS OF DISTURBANCE AS DESIGNATED ON THE PLANS. ANY DAMAGE SHALL BE RESTORED BY THE CONTRACTOR AT HIS EXPENSE AND TO THE SATISFACTION OF THE DESIGN TEAM OR

B. AREA WITHIN 100 YEAR FLOODPLAIN & LOT 8.....

AREA TO REMAIN IN AGRICULTURAL PRODUCTION......

LAND USE CATEGORY: (from table 3.2.1, page40, Manual)

ARA MOR IDA HOR MPO CIA

F. EXISTING FOREST COVER (EXCLUDING FLOODPLAIN).......

J. TOTAL AREA OF FOREST TO BE CLEARED

K. TOTAL AREA OF FOREST TO BE RETAINED.....

G. AREA OF FOREST ABOVE CONSERVATION THRESHOLD:

H. FOREST RETENTION ABOVE THRESHOLD WITH NO MITIGATION.....

L REFORESTATION FOR CLEARING ABOVE CONSERVATION THRESHOLD..

N. CREDIT FOR RETENTION ABOVE CONSERVATION THRESHOLD

R. TOTAL REFORESTATION AND AFFORESTATION REQUIRED...

ANCHOR POST SHOULD BE MINIMUM 2" STEEL "U" CHANNEL OR 2" x 2" TIMBER 6" IN LENGTH

ROOT DAMAGE SHOULD BE AVOIDED.

DEVICE SHOULD BE MAINTAINED THROUGHOUT CONSTRUCTION.

M. REFORESTATION FOR CLEARING BELOW CONSERVATION THRESHOLD....

NOTE: LOT 8 IS IN AGRICULTURAL USE AND THEREFORE BEING EXCLUDED FROM

BLAZE ORANGE PLASTIC MESH

HIGHLY VISIABLE FLAGGING

FOREST PROTECTION DEVICE ONLY.
RETENTION AREA WILL BE SET AS PART OF THE REVIEW PROCESS.
BOUNDARIES OF RETENTION AREA SHOULD BE STAKED AND FLAGGED PRIOR TO INSTALLING DEVICE.

TREE PROTECTION DETAIL

INFORMATION FOR CALCULATIONS:

E. FOREST CONSERVATION THRESHOLD......

EXISTING FOREST COVER:

D. AFFORESTATION THRESHOLD.....

I. CLEARING PERMITTED WITHOUT MITIGATION

PROPOSED FOREST CLEARING:

PLANTING REQUIREMENTS:

P TOTAL REFORESTATION REQUIRED

O. TOTAL AFORESTION REQUIRED

FOREST CONSERVATION WORKSHEET

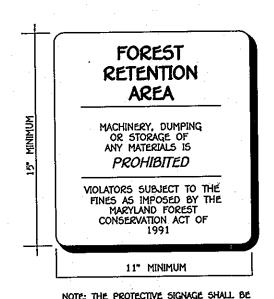
VERSION 1.0

TOTAL PERIMETER ADJACENT TO ADJACENT TO ADJACENT TO ADJACENT TO ADJACENT TO ADJACENT TO PERIMETER PROPERTIES | PERIMETER PROPERTIE METER PROPERTI CATEGORY ERIMETER PROPERTIES PERIMETER PROPERTIES RIMETER PROPERTIES LANDSCAPE TYPE 688 L.F. 206 L.F. 355 L.F. 233 L.F. 587 L.F. 546 L.F. LINEAR FEET OF PERIMETER CREDIT FOR EXISTING VEGETATION 324 LF OF EX. TREES 546 LF OF EX. TREES 355 LF OF EX. TREES 315 LF OF EX. TREES LINEAR FEET (LF) OF CREDIT 363 LF REMAINING | 0 LF REMAINING | 0 LF REMAINING | 373 LF REMAINING REMAINING PERIMETER (LF) NUMBER OF PLANTS REQUIRED (206'/60' = 3.4 OR 3)(373'/60' = 6.2 OR 6)(233'/60' = 3.9 OR 4)(363'/60' = 6.1 OR 6)SHADE TREES CREDIT FOR EXISTING VEGETATION SHADE TREES SMALL/MEDIUM DECIDUOUS TREES (2: SUBSTITUTION) NUMBER OF PLANTS PROVIDED SHADE TREES SMALL/MEDIUM DECIDUOUS TREES (2:1 SUBSTITUTION)

SCHEDULE A - PERIMETER LANDSCAPE EDGE

LANDSCAPING PLANT LIST SIZE QTY. KEY NAME ACER RUBRUM 2.5"-3" CAL. FULL CROWN. 'RED SUNSET' B&B (RED SUNSET RED MAPLE) TILIA CORDATA 'GREENSPIRE 2.5" — 3" CAL. (GREENSPIRE LITTLELEAF FULL CROWN, LINDEN) ይ&ይ THUJA PLICATA 5'-6' HT. (GIANT ARBORVITAE ំង&ង 'GREEN GIANT')

TOTAL: 13 SHADE TREES, 12 EVERGREENS



GUARANTEE REQUIREMENTS

OWNER/DEVELOPER

JOHN A. HARTNER AND EDWINA CARR HARTNER, TRUSTEES

610 SOBRINA FARMS COURT

WOODBINE, MARYLAND 21797-8765

JOHN D. HARTNER SR. AND VERONICA M. HARTNER

620 SOBRINA FARMS COURT

WOODBINE, MARYLAND 21797-8765

MADE TO APPLICABLE PLANS AND CERTIFICATES.

REQUIRED FOR RETENTION.

A 75 PERCENT SURVIVAL RATE OF REFORESTATION PLANTINGS WILL BE REQUIRED AT THE END OF THE 24 MONTH MAINTENANCE PERIOD. ALL PLANT MATERIAL BELOW THE 75 PERCENT THRESHOLD WILL BE REPLACED AT THE BEGINNING OF THE NEXT GROWING SEASON.

1. THIS PLAN COMPLIES WITH THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE FOR

HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL. IN ACCORDANCE WITH SECTION 16.124 OF THE

LOT 9 SURETY: (6) SHADE TREES @ 300/SHADE TREE & (6) EVERGREENS @ 150/EVERGREEN = \$2,700.00

LOT 12 SURETY: (7) SHADE TREES @ 300/SHADE TREE & (6) EVERGREENS @ 150/EVERGREEN = \$3,000.00

3. AT THE TIME OF INSTALLMENT, ALL SHRUBS AND OTHER PLANTINGS HEREWITH LISTED AND APPROVED FOR

THIS SITE, SHALL BE OF THE PROPER HEIGHT REQUIREMENTS IN ACCORDANCE WITH THE HOWARD COUNTY

LANDSCAPING MANUAL. IN ADDITION, NO SUBSTITUTIONS OR RELOCATION OF REQUIRED PLANTINGS MAY BE

DEVIATION FROM THIS APPROVED LANDSCAPE PLAN MAY RESULT IN DENIAL OR DELAY IN THE RELEASE OF

LANDSCAPE SURETY UNTIL SUCH TIME AS ALL REQUIRED MATERIALS ARE PLANTED AND/OR REVISIONS ARE

LANDSCAPING, INCLUDING BOTH PLANT MATERIALS AND BERMS, FENCES AND WALLS. ALL PLANT MATERIALS

LANDSCAPING SHALL BE PERMANENTLY MAINTAINED IN GOOD CONDITION, AND WHEN NECESSARY, REPAIRED

MADE WITHOUT PRIOR REVIEW AND APPROVAL FROM THE DEPARTMENT OF PLANNING AND ZONING. ANY

4. THE OWNER, TENANT, AND/OR THEIR AGENTS SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE REQUIRED

SHALL BE MAINTAINED IN GOOD GROWING CONDITION, AND WHEN NECESSARY, REPLACED WITH NEW

5. SEE THE RECORD PLAT FOR THE BEARING AND DISTANCE DESCRIPTIONS OF THE FOREST CONSERVATION

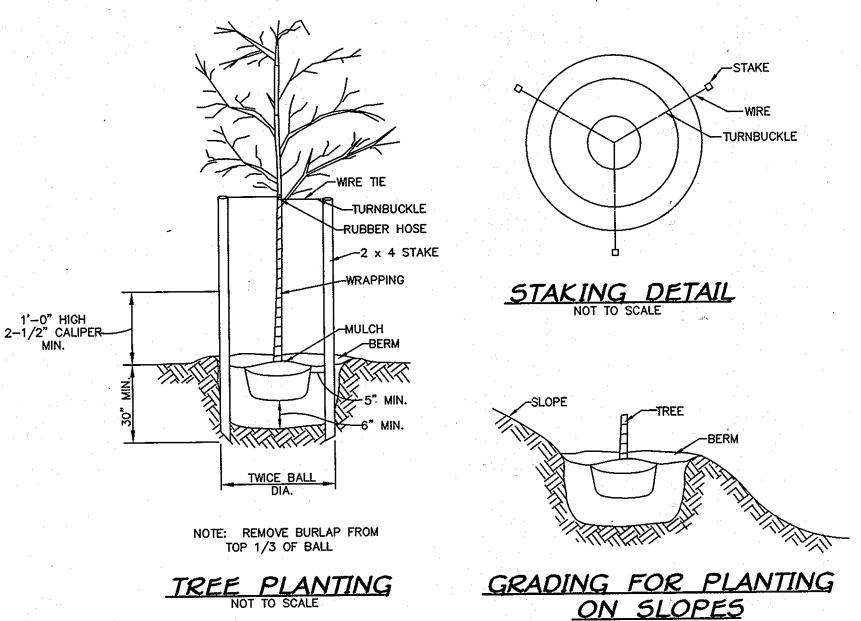
MATERIALS TO ENSURE CONTINUED COMPLIANCE WITH APPLICABLE REQULATIONS. ALL OTHER REQUIRED

HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL A LANDSCAPE SURETY FOR 13 SHADE TREES AND

FOREST CONSERVATION BY THE ON-SITE RETENTION OF 4.17 ACRES OF FOREST. SURETY IS NOT

2. THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE

12 EVERGREENS IN THE AMOUNT OF (\$5,700.00) IS PROVIDED WITH THE GRADING PERMIT.



SUPPLEMENTAL, LANDSCAPE, & FOREST CONSERVATION PLAN NOTES & DETAILS SOBRINA FARMS SUBDIVISION

LOTS & THRU 12 A RESUBDIVISION OF LOTS 2 AND 3

ZONED: RC-DEO TAX MAP No. 2 PARCEL No. 39 GRID No. 24 FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND 5CALE: 1" = 60"

DATE: JANUARY, 2014 SHEET 2 OF 3

NOTE: THE PROTECTIVE SIGNAGE SHALL BI IN PLACE FOR PERPETUTY.

FOREST CONSERVATION SIGN DETAIL NOT TO SCALE

PROFESSIONAL CERTIFICATION

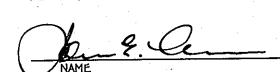
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME



DEVELOPER'S / BUILDER'S CERTIFICATE

- LUMBER FOR CROSS BACKING

I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL I/WE FURTHER CERTIFY THAT UPON COMPLETION, A LETTER OF LANDSCAPE INSTALLATION ACCOMPANIED BY AN EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

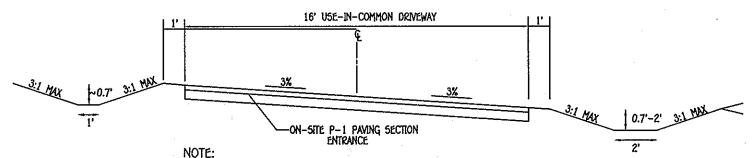


AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 30306, EXPIRATION DATE: 01/12/2014.

APPROVED: DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION

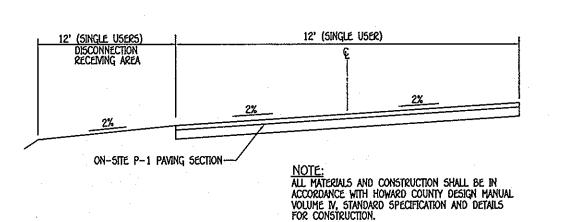
FISHER, COLLINS & CARTER, INC. VIL ENGINEERING CONSULTANTS & LAND SURVEYORS RE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE filicott city, maryland 21042



NOTE:

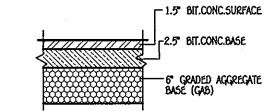
1. ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH HOWARD COUNTY DESIGN MANUAL VOLUME IV, STANDARD SPECIFICATION AND DETAILS FOR 2. SWALES ARE FOR CONVEYANCE OF RUNOFF AND NOT UTILIZED FOR TREATMENT CREDIT.

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



TYPICAL PRIVATE DRIVE CROSS SLOPE SECTION

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



P-1 DRIVEWAY PAVING SECTION

OPERATION & MAINTENANCE SCHEDULE FOR MICRO-BIORETENTION (M-6)

- A. THE OWNER SHALL MAINTAIN THE PLANT MATERIAL, MULCH LAYER AND SOIL LAYER ANNUALLY.

 MAINTENANCE OF MULCH AND SOIL IS LIMITED TO CORRECTING AREAS OF EROSION OR WASH OUT.

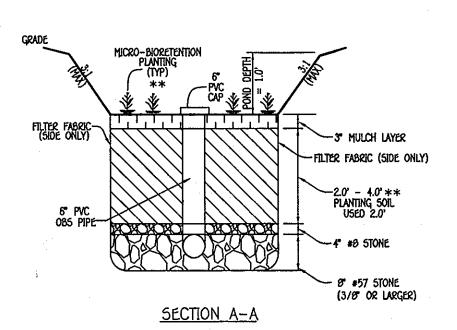
 ANY MULCH REPLACEMENT SHALL BE DONE IN THE SPRING, PLANT MATERIAL SHALL BE CHECKED for disease and insect infestation and maintenance will address dead material and PRUNING, ACCEPTABLE REPLACEMENT PLANT MATERIAL IS LIMITED TO THE FOLLOWING: 2000 MARYLAND STORMWATER DESIGN MANUAL VOLUME II, TABLE A.4.1 AND 2.
- B. THE OWNER SHALL PERFORM A PLANT IN THE SPRING AND IN THE FALL OF EACH YEAR. DURING THE INSPECTION, THE OWNER SHALL REMOVE DEAD AND DISEASED VEGETATION CONSIDERED BEYOND TREATMENT, REPLACE DEAD PLANT MATERIAL WITH ACCEPTABLE REPLACEMENT PLANT MATERIAL, TREAT DISEASED TREES AND SHRUBS AND REPLACE ALL DEFICIENT STAKES AND WIRES. C. THE OWNER SHALL INSPECT THE MULCH EACH SPRING. THE MULCH SHALL BE REPLACED EVERY
- TWO TO THREE YEARS. THE PREVIOUS MULCH LAYER SHALL BE REMOVED BEFORE THE NEW LAYER D. THE OWNER SHALL CORRECT SOIL EROSION ON AN AS NEEDED BASIS, WITH A MINIMUM OF ONCE PER MONTH AND AFTER EACH HEAVY STORM.

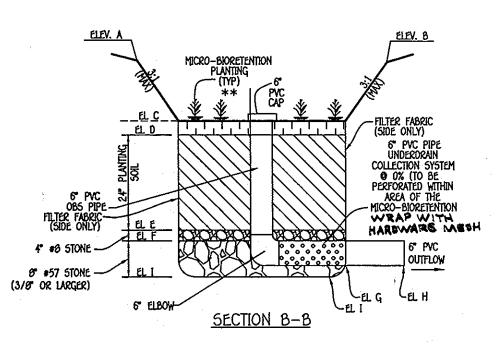
STORMWATER MANAGEMENT SUMMARY CHART AREA = 10.50 ACRES (LOTS 9, 11, & 12) RCN = 70 TARGET PE = 1.6°

	SWM SUMMARY CHART
AREA ID	SWM TREATMENT PROVIDED
LOT 6	n/a (existing house & driveway)
LOT 9	MICRO-BKORETENTION (M-6) & NON-ROOFTOP DISCONNECTION (N-2)
LOT 10	n/a (existing house & driveway)
LOT 11	MICRO-BIORETENTION (M-6), ROOFTOP DISCONNECTION (N-1), & NON-ROOFTOP DISCONNECTION (N-2)
LOT 12	MICRO-BIORETENTION (M-6) & 5HEET FLOW TO CONSERVATION AREA (N-3) WITH A GRAVEL DIAPHRAGM

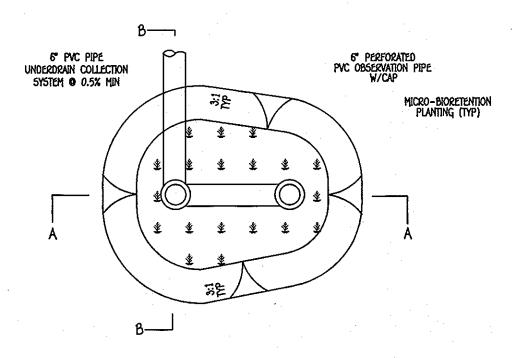
- DRAINAGE AREA TO MICROBIORETENTION 2

SCALE: 1" = 60"



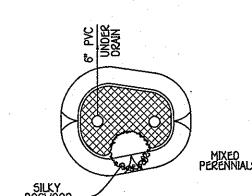


MICRO-BIORETENTION DETAIL (M-6)
NOT TO SCALE



PLAN NOT TO SCALE

	MICRO-BIORETENTION									
	BIORETENTION FILTER	Α	В	С	D	E	F	G	Н	I
	1 (LOT 9)	608.00	608.00	607.00	606.75	604.75	604.42	603.92	603.68	603.75
I	2 (LOT 11)	560.00	560.00	559.00	550.75	556.75	556.42	555.92	555.52	555.75
I	3 (LOT 12)	568.00	568.00	567.00	566.75	564.75	564.42	563.92	563.64	563.75



MICRO-BIORETENTION PLANTING DETAIL

NOT TO SCALE



MICRO-	BIORETENTI	ON PLANT MATERIAL
QUANTITY	NAME	MAXIMUM SPACING (FT
12	MIXED PERENNIALS	1.5 TO 3.0 FT.
1	SILKY DOGWOOD	PLANT AWAY FROM INFLOW LOCATION

STORMWATER MANAGEMENT NOTES & DETAILS SOBRINA FARMS SUBDIVISION LOTS & THRU 12

A RESUBDIVISION OF LOTS 2 AND 3

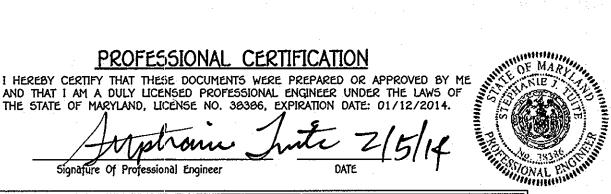
ZONED: RC-DEO TAX MAP No. 2 PARCEL No. 39 GRID No. 24 FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND 5CALE: 1" = 60"DATE: JANUARY, 2014

SHEET 3 OF 3

LOT 2 JOHN A. HARTNER AND EDWINA CARR HARTNER, TRUSTEES 610 SOBRINA FARMS COURT WOODBINE, MARYLAND 21797-0765

LOT 3 JOHN D. HARTNER SR. AND VERONICA M. HARTNER 620 SOBRINA FARMS COURT WOODBINE, MARYLAND 21797-0765

"MICRO-BIO3" 0.31 AC.
LOT 12 - DRAINAGE AREA TO MICROBIORETENTION 3 5CALE: 1" = 60'



APPROVED: DEPARTMENT OF PLANNING AND ZONING



"MICRO-BIO1"

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