

SITE DATA
 LOCATION: TAX MAP 41, GRID 5, PARCEL 273
 DEED REFERENCE: L 14181, P. 236
 PLAT REFERENCE: PLAT BOOK 8, FOLIO 79
 5TH ELECTION DISTRICT
 EXISTING ZONING: R-20
 PER THE COMPREHENSIVE ZONING PLAN DATED 2/02/04.
 GROSS AREA OF PARCEL: 1.00 AC
 AREA OF RIGHT OF WAY: 0.00000 AC
 AREA OF FLOODPLAIN: N/A
 AREA OF STEEP SLOPES: N/A
 NET AREA OF PROJECT: 1.00 AC
 NUMBER OF RESIDENTIAL LOTS PROPOSED: 2 LOTS
 AREA OF PROPOSED RESIDENTIAL LOTS: 43,692 SF (1.00 AC)
 AREA OF SMALLEST BUILDABLE LOT PROPOSED: 21,846 SF
 NUMBER OF PROPOSED OPEN SPACE LOTS: 0
 NUMBER OF NON-BUILDABLE BULK PARCELS: 0

GRADING DATA
 TOTAL DISTURBED AREA = 0.683 AC
 IMPERVIOUS COVER = 0.219 AC
 AREA TO BE STABILIZED = 0.464 AC

SUPPLEMENTAL STORM WATER MANAGEMENT, FOREST CONSERVATION & LANDSCAPE PLAN

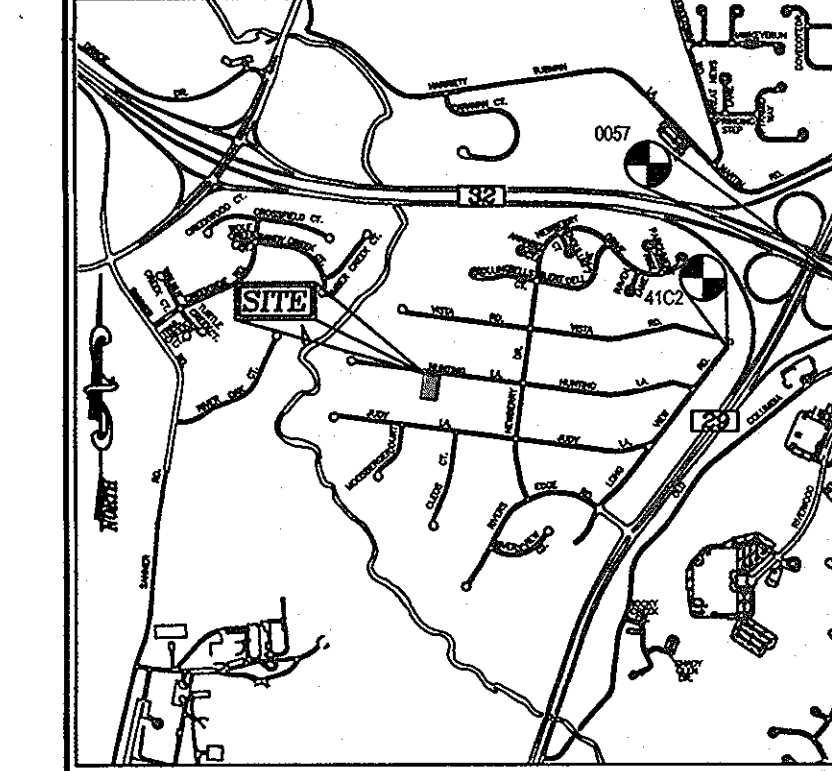
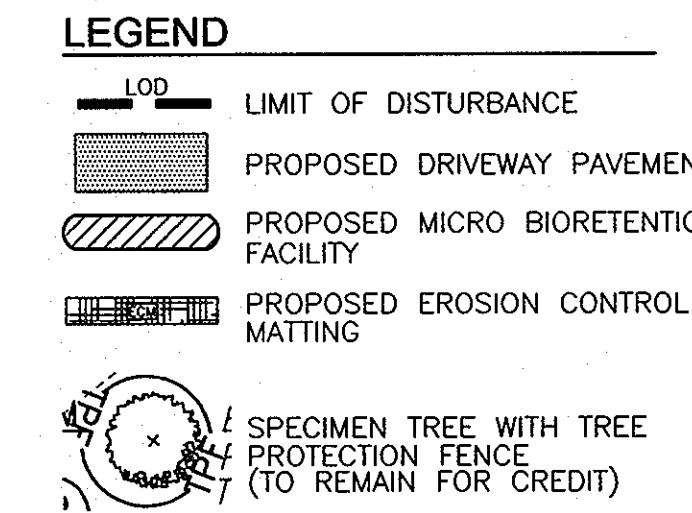
F-13-083

HOLIDAY HILLS LOTS 113 & 114

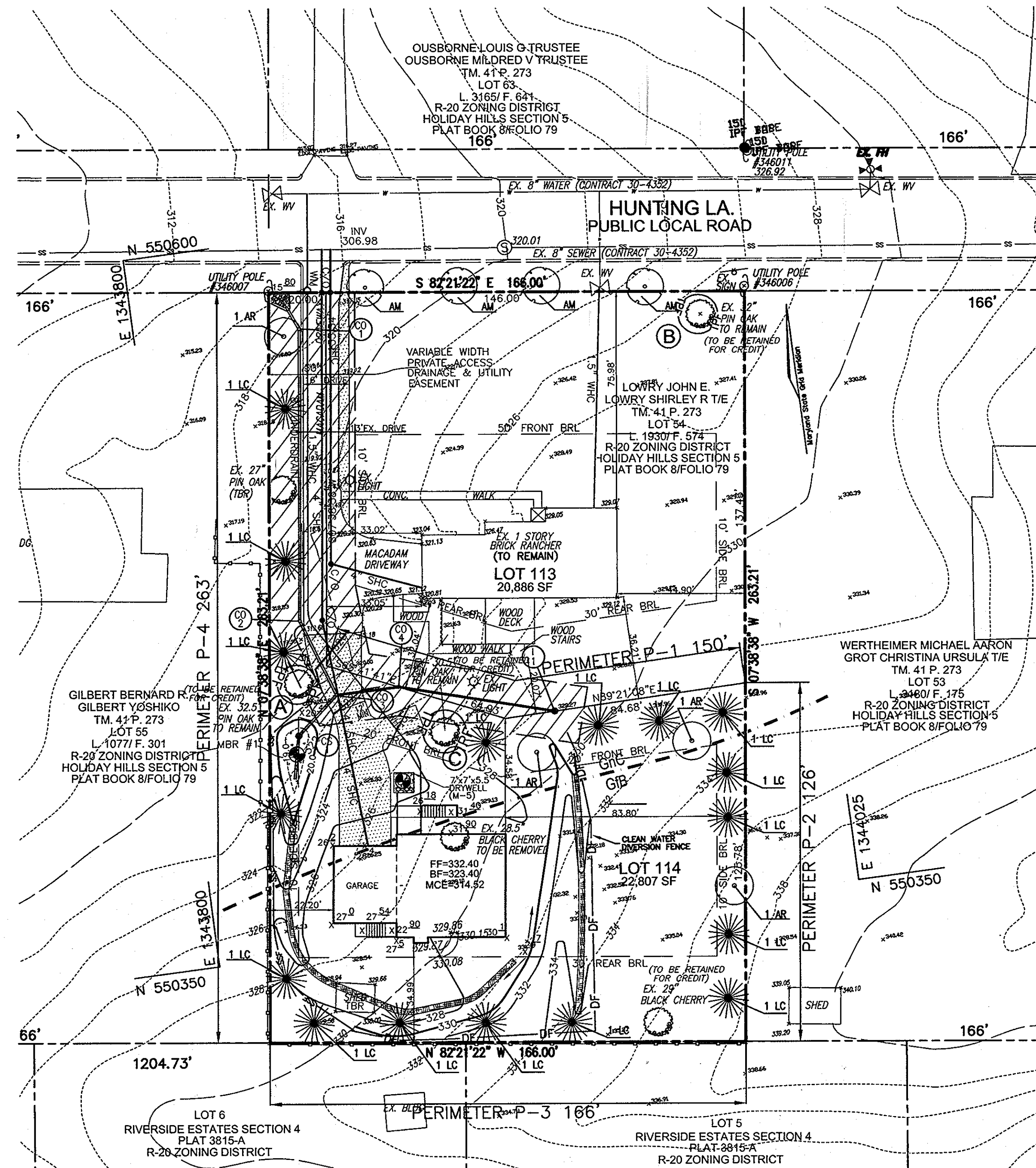
A RESUBDIVISION LOT 54 SECOND ADDITION TO
 HOLIDAY HILLS SUBDIVISION PLAT BOOK 8, FOLIO 79

GENERAL NOTES

- THE PROJECT BOUNDARY IS BASED ON A FIELD RUN BOUNDARY SURVEY PREPARED BY ROBERT H. VOGEL ENGINEERING, INC. IN AUGUST, 2012.
- THE TOPOGRAPHY SHOWN HEREON IS BASED ON FIELD RUN TOPOGRAPHY PERFORMED BY ROBERT H. VOGEL ENGINEERING, INC. IN AUGUST, 2012.
- PUBLIC WATER AVAILABLE THROUGH CONTRACT 34-1810-D AND PUBLIC SEWER AVAILABLE THROUGH CONTRACT 30-3123-D. WATER AND SEWER SERVICE WILL BE GRANTED UNDER THE PROVISIONS OF SECTION 18.122B OF THE HOWARD COUNTY CODE.
- THIS SITE IS NOT LOCATED IN A HISTORIC DISTRICT.
- NO STREAMS EXIST ON SITE.
- NO 100-YEAR FLOODPLAIN EXIST ON SITE.
- SUBJECT PROPERTY ZONED R-20 PER 2/02/04 COMPREHENSIVE ZONING PLAN AND AMENDED BY THE COMPREHENSIVE LITE AMENDMENT DATED 07/28/06.
- THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 18.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL FINANCIAL SURETY FOR THE REQUIRED PERIMETER LANDSCAPE TREES (\$4,800.00) WILL BE POSTED AS PART OF THE BUILDERS GRADING PERMIT UNDER THE SITE DEVELOPMENT PLAN.
- PERIMETER = 14 SHADE X 300 (\$4,200) + 4 EVERGREEN X 150 (\$600) = \$4,800 - Street trees - see GN #2.1.
- THIS PLAN IS SUBJECT TO THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS (COUNCIL BILL 45-2003). DEVELOPMENT OR CONSTRUCTION ON THESE LOTS MUST COMPLY WITH SETBACK AND BUFFER REGULATIONS IN EFFECT AT THE TIME OF SUBMISSION OF THE SITE DEVELOPMENT PLAN, WAIVER PETITION APPLICATION OR BUILDING/GRADING PERMIT.
- DRIVEWAY(S) SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
 - WIDTH - 12 FEET (16 FEET SERVING MORE THAN ONE RESIDENCE).
 - SURFACE - 6 INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING.
 - GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% CHANGE AND MINIMUM OF 45-FOOT DEPTH TURNING RADIUS.
 - STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (425 LOADS).
 - DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100-YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE.
 - STRUCTURE CLEARANCES - MINIMUM 12 FEET.
 - MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.
- THIS PROJECT COMPLIES WITH THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE AND FOREST CONSERVATION ACT. TO FULFILL THE 0.20 ACRES OF AFFORESTATION REQUIREMENT, THE DEVELOPER HAS PAID A FEE-IN-LIEU IN THE AMOUNT OF \$6,534.00
- STORM WATER MANAGEMENT ADDRESSED FOR SITE USING 2007 MARLAND STORMWATER DESIGN MANUAL (CHAPTER 5).
- WATER QUALITY VOLUME (WQV) AND RECHARGE VOLUME (REV) TO BE PROVIDED BY MICRO BIORETENTION FACILITIES, OPEN CHANNEL FLOW (WHEN IMPERVIOUS AREAS CAN NOT BE DIRECTED TO ONE OF THE MICRO BIORETENTION FACILITIES) AND DRYWELLS.
- SITE DEVELOPMENT PLAN APPROVAL BY THE DEPARTMENT OF PLANNING AND ZONING IS REQUIRED PRIOR TO BUILDING PERMITS BEING ISSUED FOR THE CONSTRUCTION OF THE RESIDENTIAL DWELLING ON LOT 114.
- THIS DEVELOPMENT IS DESIGNED TO BE IN ACCORDANCE WITH SECTION 16.127 RESIDENTIAL INFILL DEVELOPMENT OF SUBDIVISION AND LAND DEVELOPMENT REGULATIONS. THE DEVELOPER OF THIS PROJECT SHALL CREATE COMPATIBILITY WITH THE EXISTING NEIGHBORHOOD THROUGH THE USE OF ENHANCED PERIMETER LANDSCAPING, BERMS, FENCES, SIMILAR HOUSING UNIT TYPES AND THE DIRECTIONAL ORIENTATION OF THE PROPOSED HOUSES.
- SHOULD ANY TREE DESIGNATED FOR PRESERVATION, FOR WHICH CREDIT IS GIVEN, DIE PRIOR TO RELEASE OF BONDS, THE OWNER WILL BE REQUIRED TO REPLACE THE TREE WITH THE EQUIVALENT SPECIES OR WITH A TREE WHICH WILL OBTAIN THE SAME HEIGHT, SPREAD AND GROWTH CHARACTERISTICS. THE REPLACEMENT TREE MUST BE A MINIMUM OF 3 INCHES IN CALIPER AND INSTALLED AS REQUIRED IN THE LANDSCAPE MANUAL. 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 LANDSCAPE MANUAL. IN ADDITION, NO SUBSTITUTIONS OR RELOCATION OF REQUIRED PLANTING MAY BE MADE WITHOUT PRIOR REVIEW AND APPROVAL FROM THE DEPARTMENT OF PLANNING AND ZONING. ANY 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 MADE TO APPLICABLE PLANS AND CERTIFICATES.
- A FOREST STAND DELINEATION WAS PERFORMED BY ECO-SCIENCE PROFESSIONALS, INC., DATED AUGUST 2012. FOREST CONSERVATION REQUIREMENTS PER SECTION 18.1202 OF THE HOWARD COUNTY CODE AND THE FOREST CONSERVATION MANUAL SHALL BE COMPLIED WITH. THE ENVIRONMENTAL CONCEPT PLAN FOR THESE LOTS (ECP-13-017) WAS APPROVED 11/29/2012.
- FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEM AND THE ROAD RIGHT-OF-WAY LINE AND NOT ONTO THE PIPESTEM LOT DRIVEWAY.
- THERE IS AN EXISTING DWELING/STRUCTURE LOCATED ON LOT 113 WHICH IS TO REMAIN. NO NEW BUILDINGS, EXTENSIONS OR ADDITIONS TO THE EXISTING DWELING ARE TO BE CONSTRUCTED AT A DISTANCE LESS THAN THE ZONING REGULATION REQUIREMENTS.
- THERE WILL BE FOUR (4) STREET TREES PLANTED FOR THIS PROJECT. THE SURETY AMOUNT WILL BE \$1200.00 AND WILL BE POSTED WITH THE BUILDERS GRADING PERMIT.
- REFERENCE WAIVER PETITION WP 13-186 APPROVED 07/23/2013
 - SECTION 16.132(c)(2)(i)(c), TO WAIVE ROAD IMPROVEMENTS ALONG THE FRONTAGE OF THE PROPERTY BEING DEVELOPED.
 - SECTION 16.134(b)(2) TO ALLOW A FEE-IN-LIEU OF SIDEWALK CONSTRUCTION (\$2368.00) BECAUSE THERE IS NO EXISTING SIDEWALK ANYWHERE IN THE NEIGHBORHOOD.
 - SECTION 16.135(c) TO NOT PROVIDE STREET LIGHTING BECAUSE THERE IS NO EXISTING STREET LIGHTS IN THIS ENTIRE NEIGHBORHOOD.
- A SHARED DRIVEWAY ACCESS AND MAINTENANCE OBLIGATION AGREEMENT FOR THE 16' DRIVEWAY WHICH SERVES LOTS 113 AND 114 HAS BEEN RECORDED IN THE LAND RECORDS OF HOWARD COUNTY SIMULTANEOUSLY WITH THE RECORDATION OF THIS PLAT, F13-083.
- THE CLOSEST DISTANCE FROM THE EXISTING WOODEN STEPS TO THE NEW PROPERTY LINE IS 20.07 FEET AND IS IN COMPLIANCE WITH SECTION 128-A.1.C. OF THE ZONING REGULATIONS WHICH ALLOWS STAIRWAYS OR RAMPS TO PROJECT 16' INTO A REAR SETBACK.



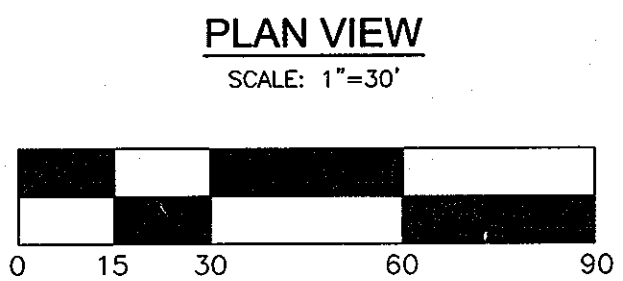
BENCHMARKS
 HOWARD COUNTY BENCHMARK 41C2
 N 551,616.4187 E 1,348,104.2341
 HOWARD COUNTY BENCHMARK 0057
 N 550,835.2139 E 1,347,017.6897



— "The owner, tenant and/or their agents shall be responsible for maintenance of the required landscaping, plant materials, berms, fences and walls. All plant materials shall be maintained in good growing condition and when necessary, replaced with new materials to ensure continued compliance with applicable regulations. All required landscaping shall be permanently maintained in good condition, and when necessary, repaired or replaced."

— "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 Landscape Manual. In addition, no substitutions or relocation of required plantings may be made without prior review and approval from the Department of Planning and Zoning. Any 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 made to applicable plans and certificates."

— "Should any tree designated for preservation, for which credit is given, die prior to release of bonds, the owner will be required to replace the tree with the equivalent species or with a tree which will obtain the same height, spread and growth characteristics. The replacement tree must be a minimum of 3 inches in caliper and installed as required in the Landscape Manual."



COORDINATE TABLE

NUMBER	NORTHING	EASTING
107	550559.8596	1344013.3282
108	550298.9884	1343978.3177
153	550321.0687	1343813.7927
106	550581.9399	1343848.8033

STREET TREE CALCULATION

ROAD NAME	LINEAR FEET	NO. REQUIRED	NO. PROVIDED
HUNTING LANE	166'/40	4	4

STREET TREE SCHEDULE

KEY	QUAN.	BOTANICAL NAME	SIZE	REM.
AM	4	AMUR MAPLE (SHADE TREES - GROWTH HEIGHT=20')	2 1/2"-3" CAL.	B & B
AC	4	ACER GINNALA (SHADE TREES - GROWTH HEIGHT=20')	2 1/2"-3" CAL.	B & B

FOREST STAND ANALYSIS TABLE

KEY	A. TYPE OF COMMUNITY	B. AREA	C. SOILS INFORMATION	D. EXISTING VEGETATION	E. STAND CHARACTERISTICS	F. FOREST AREA IN SOIL. INV.
L-1	LAWN AND OPEN FIELD	1.00 AC	1. TYPICAL FOREST COVER FOR SOIL TYPE 2. WOODLAND HABITAT INDEX	MAINTAINED LAWN MAPLE & APPLE	12-21" 30% FAIR	0.00 AC

FOREST STAND TOTALS

STAND L-1	1.00 ACRES
TOTAL	1.00 ACRES (ENTIRE SITE)

SOILS LEGEND

SYMBOL	NAME/DESCRIPTION	TYPE
GnC	GLENNVILLE-BAILE SILT LOAM 0 TO 8 PERCENT SLOPES	C
GB	GLADSTONE-URBAN LAND COMPLEX 0 TO 8 PERCENT SLOPES	B

SCHEDULE 'A' - PERIMETER LANDSCAPE EDGE

CATEGORY	ADJACENT TO PERIMETER PROPERTIES				TOTAL
	P-1	P-2	P-3	P-4	
PERIMETER NUMBER	B	A	A	A	
LANDSCAPE TYPE	150 LF	126 LF	166 LF	263 LF	
LF OF ROADWAY FRONTAGE / PERIMETER					
NUMBER OF PLANTS REQUIRED					
SHADE TREES	3	3	3	5	14
EVERGREEN TREES	4	-	-	-	4
CREDIT FOR EXISTING VEGETATION YES/NO	YES	NO	YES	YES	
SHADE TREES	1	-	1	2	4
ORNAMENTAL (2:1 SUB FOR SHADE)	-	-	-	-	
EVERGREEN TREES	-	-	-	-	
NUMBER OF PLANTS PROVIDED					
SHADE TREES	2	1	-	1	4
ORNAMENTAL (2:1 SUB FOR SHADE)	-	-	-	-	
EVERGREEN TREES (2:1 SUB FOR SHADE)	4	4**	4***	4***	16

**P-2 - SUBSTITUTION: 4 EVERGREENS FOR 2 SHADE TREES
 ***P-3 - SUBSTITUTION: 4 EVERGREENS FOR 2 SHADE TREES
 ****P-4 - SUBSTITUTION: 4 EVERGREENS FOR 2 SHADE TREES

PLANT LIST

QUAN.	BOTANICAL NAME	SIZE	REM.
5	ACER RUBRUM 'AUTUMN FLAME' / AUTUMN FLAME RED MAPLE	2 1/2"-3" CAL.	B & B
16	LEYLAND CYPRESS / CUPRESSOCYPARIS LEYLANDI	5'-6" HT	B & B

SPECIMEN TREE TABLE

SPECIMEN TREE	SPECIES	SIZE	DISPOSITION
A	PIN OAK	32.5"	TO REMAIN
B	PIN OAK	32.0"	TO REMAIN
C	PIN OAK	30.5"	TO REMAIN

FOREST CONSERVATION WORKSHEET
 Version 1.0

Project: 10821 Hunting Lane
 Date: August 28, 2012

NET TRACT AREA	Acres
A. Total tract area	1.0
B. Area within 100 Year Floodplain	0
C. Area of site included in overhead transmission line	0
D. Net Tract Area	1.0

LAND USE CATEGORY: (from table 3.2.1, page 40, Manual)
 ARA MDR IDA HDR MPD CIA X

E. Afforestation Threshold (percentage)	0.15	0.2
F. Conservation Threshold (percentage)	0.20	0.2

EXISTING FOREST COVER:

G. Existing forest cover (excluding floodplain)	0
H. Area of forest above afforestation threshold	0
I. Area of forest above conservation threshold	0

BREAK EVEN POINT:

J. Forest retention above threshold with no mitigation	Break-Even Point
K. Clearing permitted without mitigation	

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
P. Reforestation for clearing below Conservation Threshold	0
Q. Credit for retention above conservation threshold	0
R. Total reforestation required	0
S. Total afforestation required	0.2
T. Total reforestation and afforestation required	0.2

OWNERS
 SD PROPERTIES
 3138 ROGERS AVENUE
 ELLICOTT CITY, MARYLAND 21043
 (410-203-2460)

NO.	REVISION	DATE

**SUPPLEMENTAL STORM WATER MANAGEMENT,
 FOREST CONSERVATION & LANDSCAPE PLAN**
 F-13-083
HOLIDAY HILLS
 LOTS 113 & 114
 HOLIDAY HILLS SUBDIVISION SECTION 5 LOTS 113 & 114
 A RESUBDIVISION OF LOT 54, PLAT BOOK 8, FOLIO 79
 TAX MAP 41, GRID 6 DPZ FILES: ECP-13-017, WP13-186 PARCEL 273
 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

ROBERT H. VOGEL ENGINEERING, INC.
 ENGINEERS • SURVEYORS • PLANNERS
 8407 MAIN STREET TEL: 410.461.7666
 ELLICOTT CITY, MD 21043 FAX: 410.461.8961

DESIGN BY: JTD
 DRAWN BY: JER
 CHECKED BY: EDS
 DATE: SEPTEMBER, 2013
 SCALE: AS SHOWN
 W.O. NO.: 12-40

PROFESSIONAL CERTIFICATION
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY OR APPROVED BY ME AND THAT I AM A DAILY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 18163 EXPIRATION DATE: 09-27-2014.

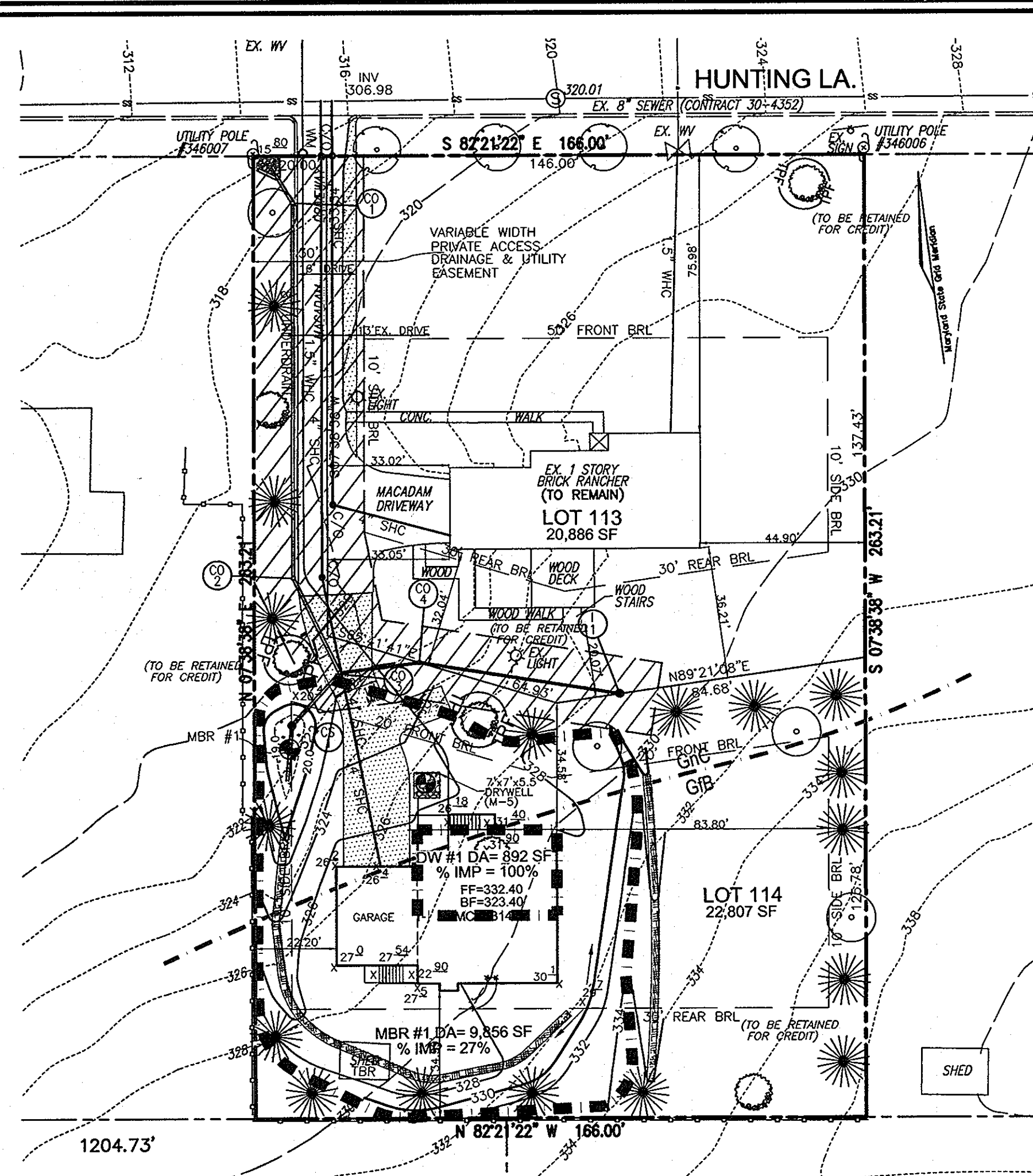
1 SHEET OF 3

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[Signature] 10-29-13
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

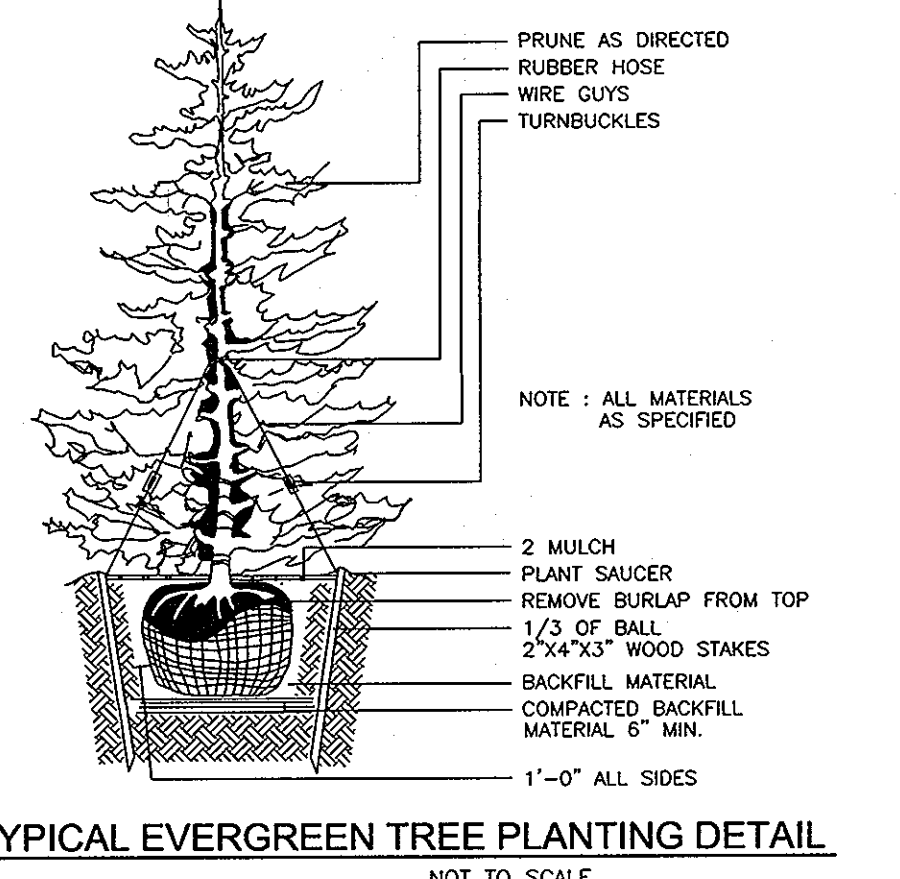
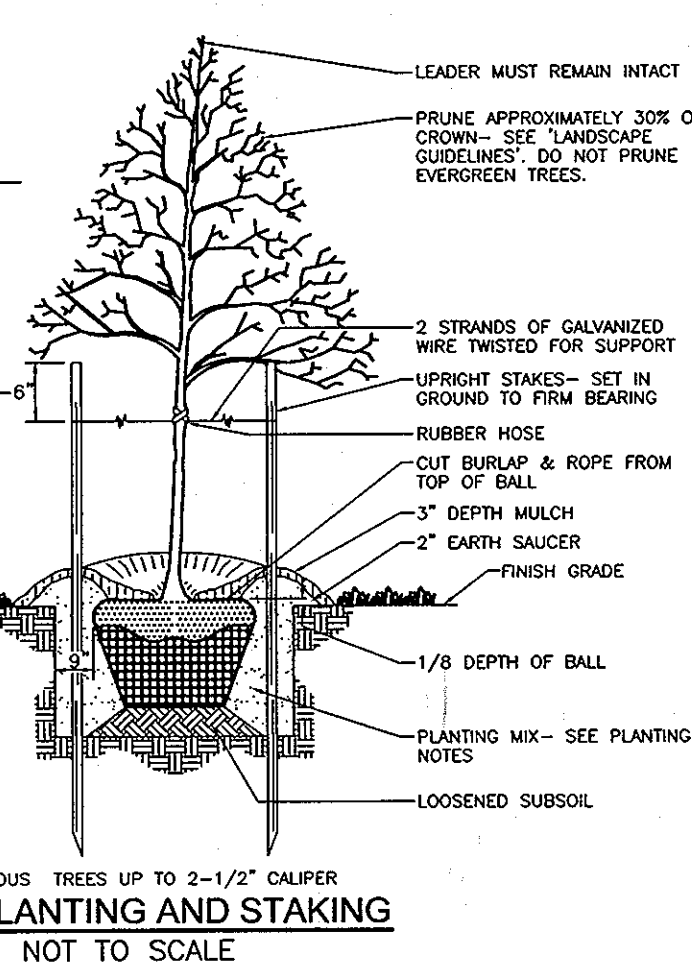
[Signature] 10-29-13
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

[Signature] 10/1/13
 DNR QUALIFIED FOREST PROFESSIONAL
 JOHN CANOLES



SPECIMEN TREE TABLE			
SPECIMEN TREE	SPECIES	SIZE	DISPOSITION
A	PIN OAK	32.5"	TO REMAIN
B	PIN OAK	32.0"	TO REMAIN
C	PIN OAK	30.5"	TO REMAIN

- NOTES**
- SEE "LANDSCAPE SPECIFICATION GUIDELINES FOR BALTIMORE-WASHINGTON METROPOLITAN AREAS" FOR ALL MATERIAL, PRODUCT, AND PROCEDURE SPECIFICATIONS.
 - SEE "LANDSCAPE GUIDELINES" FOR SUPPORTING TREES LARGER THAN 2-1/2" CALIBER.
 - PLACE UPRIGHT STAKES PARALLEL TO WALKS & BUILDINGS.
 - KEEP MULCH 1" FROM TRUNK.
 - SEE ARCHITECTURAL PLANS FOR ADDITIONAL PLANTINGS WHICH EXCEED HOWARD COUNTY MINIMUM REQUIREMENTS.
 - TREES ARE NOT TO BE PLANTED OVER PRIVATE SEWAGE EASEMENT.



STORMWATER MANAGEMENT CALCULATIONS

FACILITY	METHOD	VOL. REQUIRED	VOL. PROVIDED	REV. REQUIRED	REV. PROVIDED
MBR #1	M-5	24.3 CF	299 CF	62 CF	62 CF
DW #1 (7'x7'x5.5')	M-5	84 CF	88 CF	18.4 CF	19.6 CF

M-5 IS A DRYWELL. SEE DETAIL THIS SHEET.
M-6 IS A MICRO BIORETENTION FACILITY. SEE DETAIL THIS SHEET.

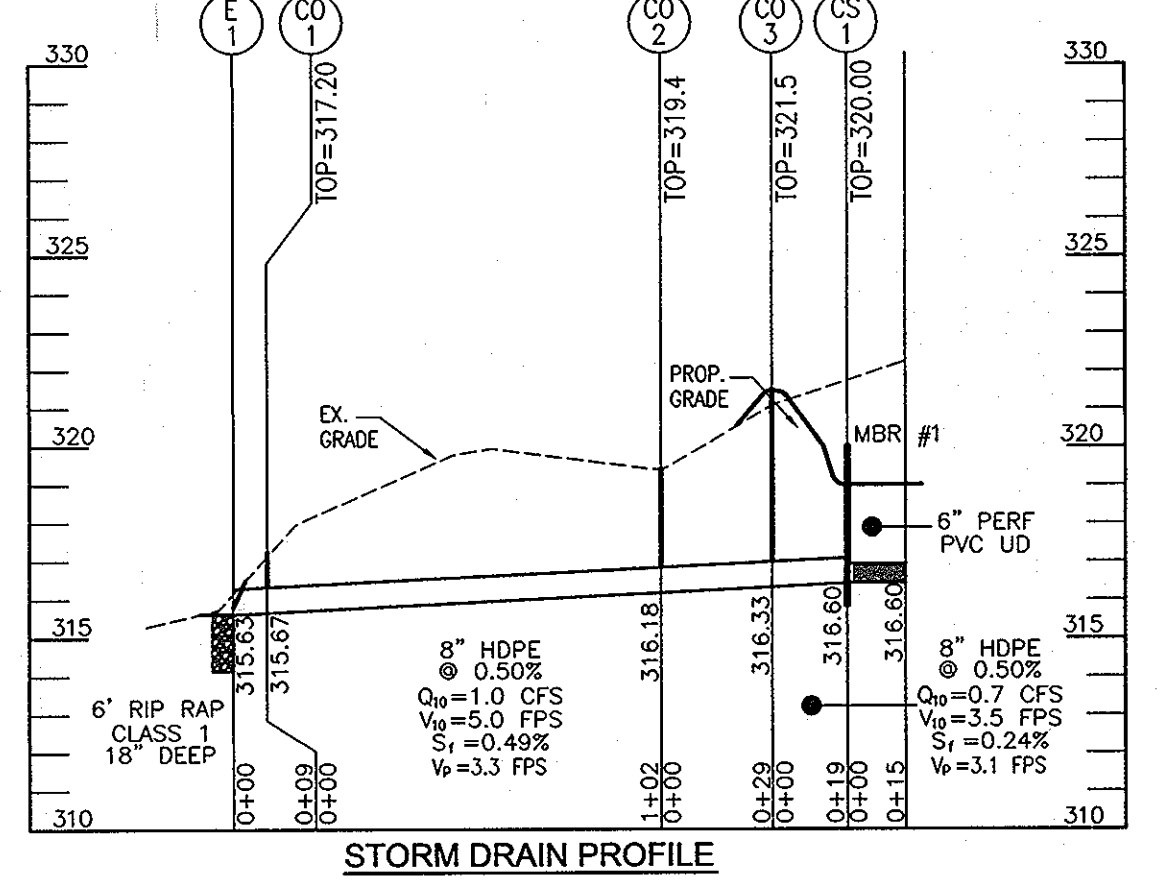
**MBR #1
95 SF**

BIORETENTION PLANTING LAYOUT
N.T.S.

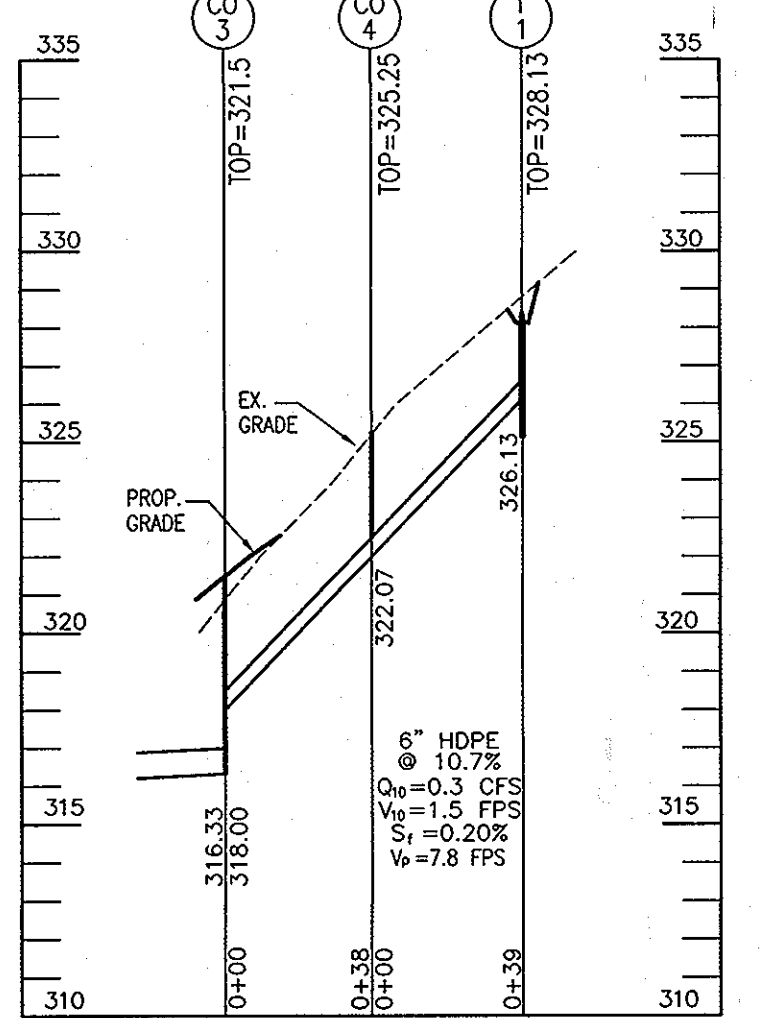
TYPICAL BIORETENTION PLANTING SCHEDULE PER 250 SF AREA

KEY	QTY	BOTANICAL NAME/COMMON NAME	SIZE	REMARKS	PER FACILITY
1	2	LEX GLABRA (DOGWOOD)	3 GALLON		2
2	4	VACCINIUM CORYMBOSUM (HOLLUBERRY)	3 GALLON		4
3	1	LOBELIA SPICATA (GRAY BLUE LOBELIA)	3 GALLON		1

A MINIMUM DENSITY OF 1000 STEMS PER PLANTED BIORETENTION AREA ARE TO BE PLANTED BASED ON ABOVE (LESS STEMS PER SQUARE FOOT). ABOVE PLANTING RATIOS ARE TO BE APPLIED TO THE AREAS PROVIDED IN THE EXD- SUMMARY. ROUND UP FOR QUANTITY.



STORM DRAIN PROFILE
SCALE: HORIZONTAL - 1"=50'
VERTICAL - 1"=5'



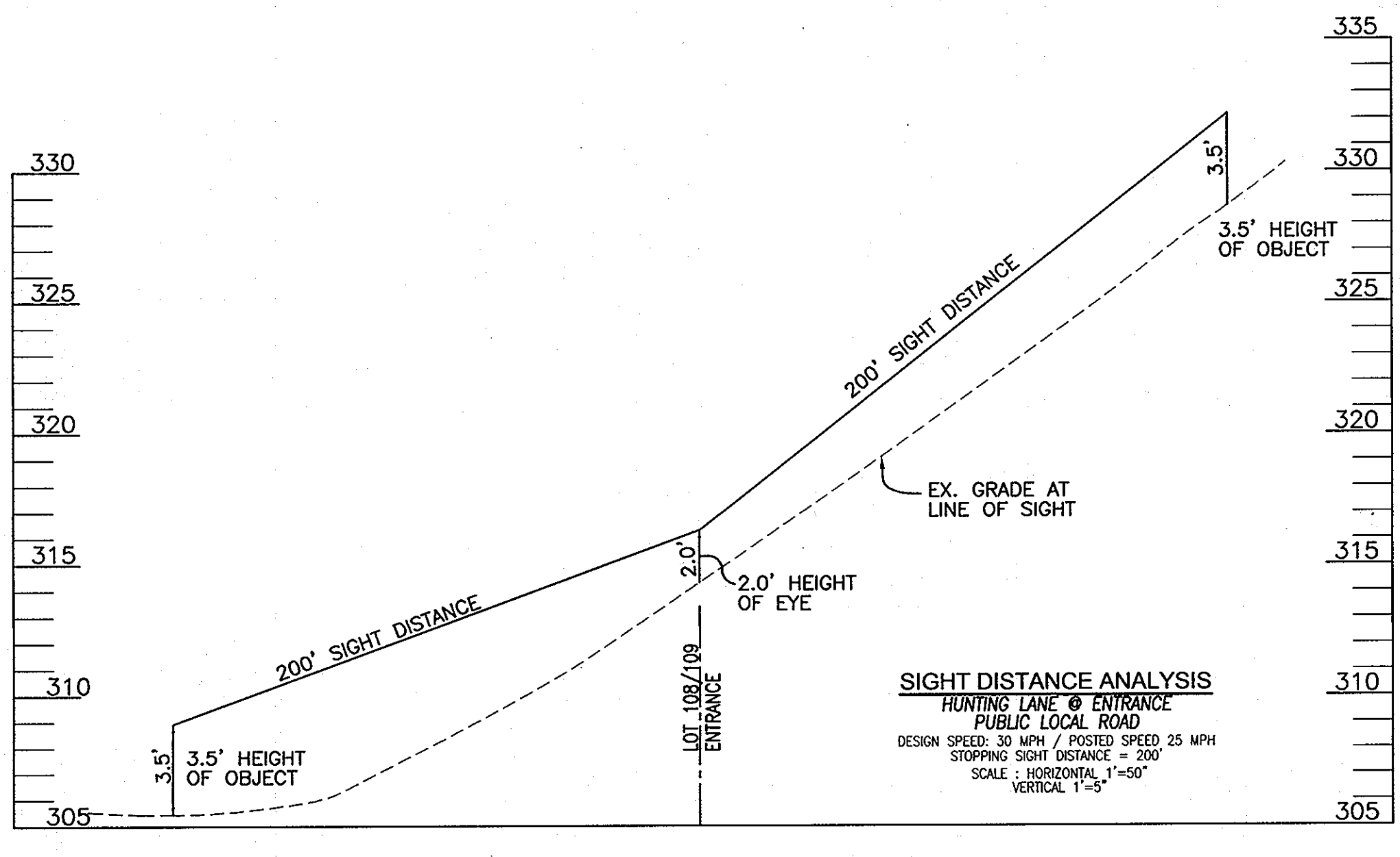
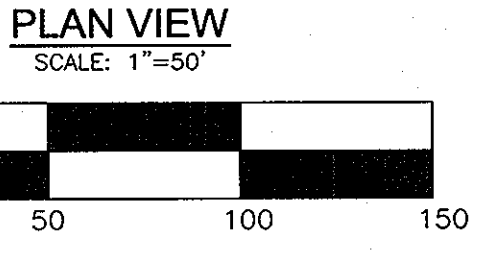
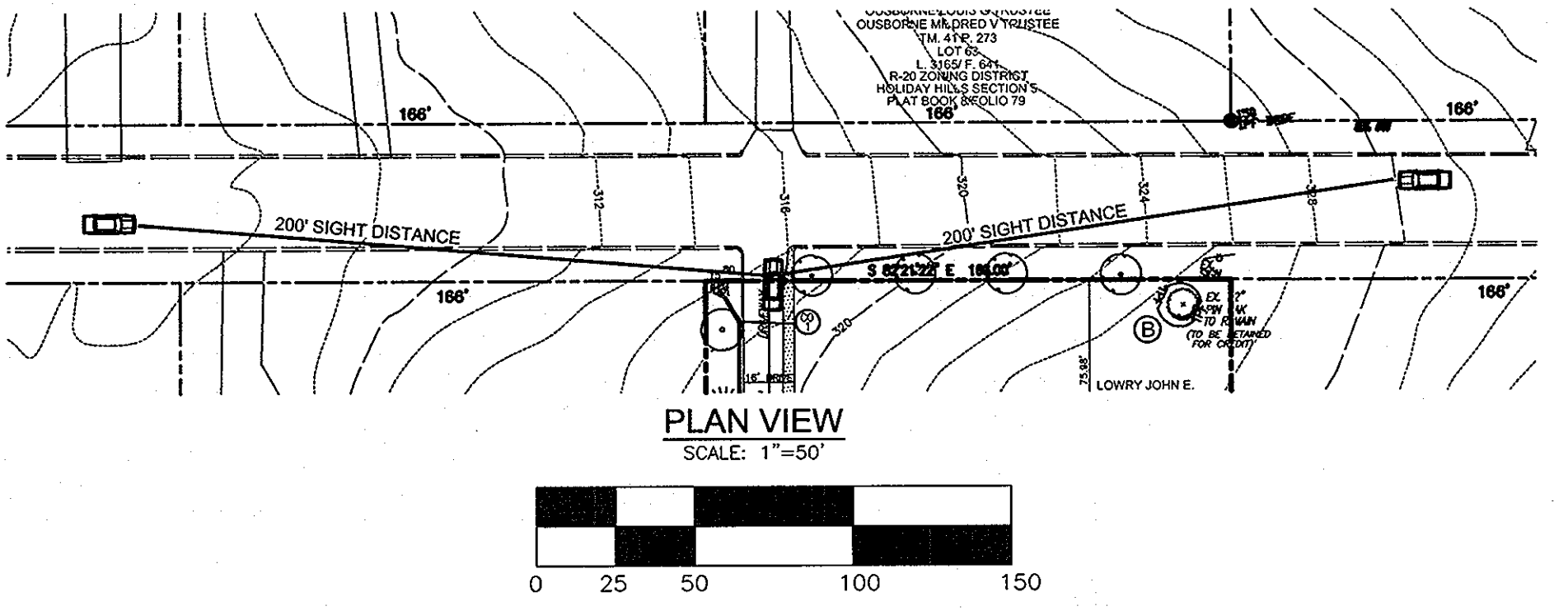
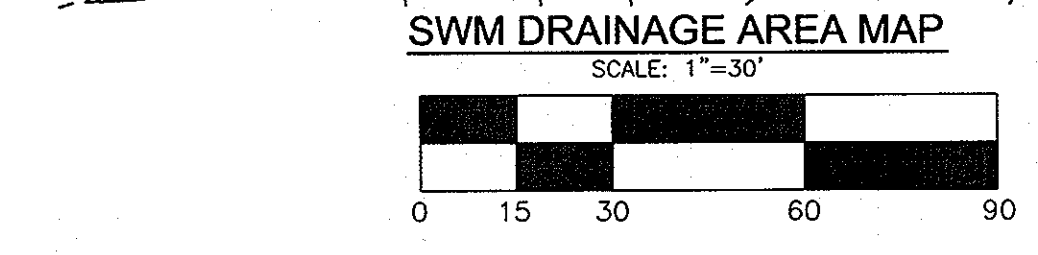
STORM DRAIN PROFILE
SCALE: HORIZONTAL - 1"=50'
VERTICAL - 1"=5'

STRUCTURE SCHEDULE

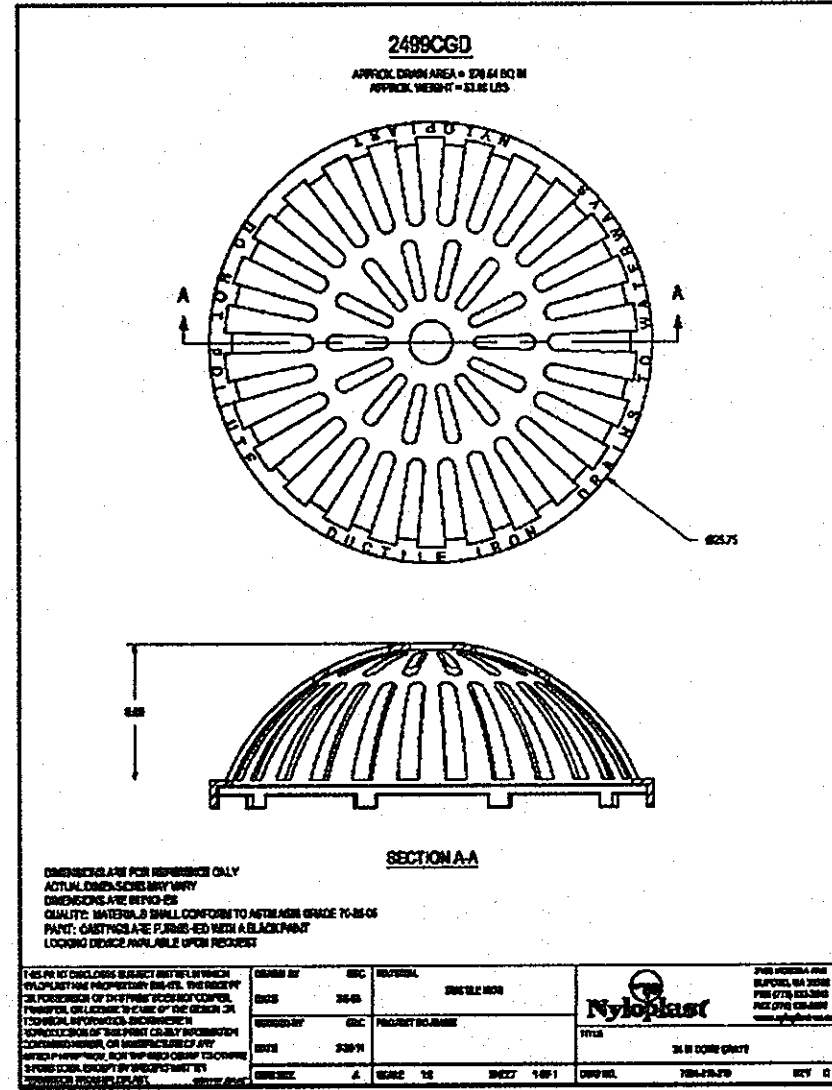
STRUCTURE #	TYPE	DIA	TOP EL	INV IN	INV OUT
CS-1	NYLOPLAST DRAIN BASIN	12"	320.00	316.60	316.60
I-1	NYLOPLAST DRAIN BASIN	12"	328.13	-	328.13

NOTE: SEE NYLOPLAST BASIN AND DOME CAP DETAILS THIS SHEET.

OWNERS
SD PROPERTIES
3138 ROGERS AVENUE
ELLCOTT CITY, MARYLAND 21043
(410-203-2460)



SIGHT DISTANCE ANALYSIS
HUNTING LANE @ ENTRANCE
PUBLIC LOCAL ROAD
DESIGN SPEED: 30 MPH / POSTED SPEED 25 MPH
STOPPING SIGHT DISTANCE = 200'
SCALE: HORIZONTAL 1"=50'
VERTICAL 1"=5'



DEVELOPER'S/BUILDER'S CERTIFICATE

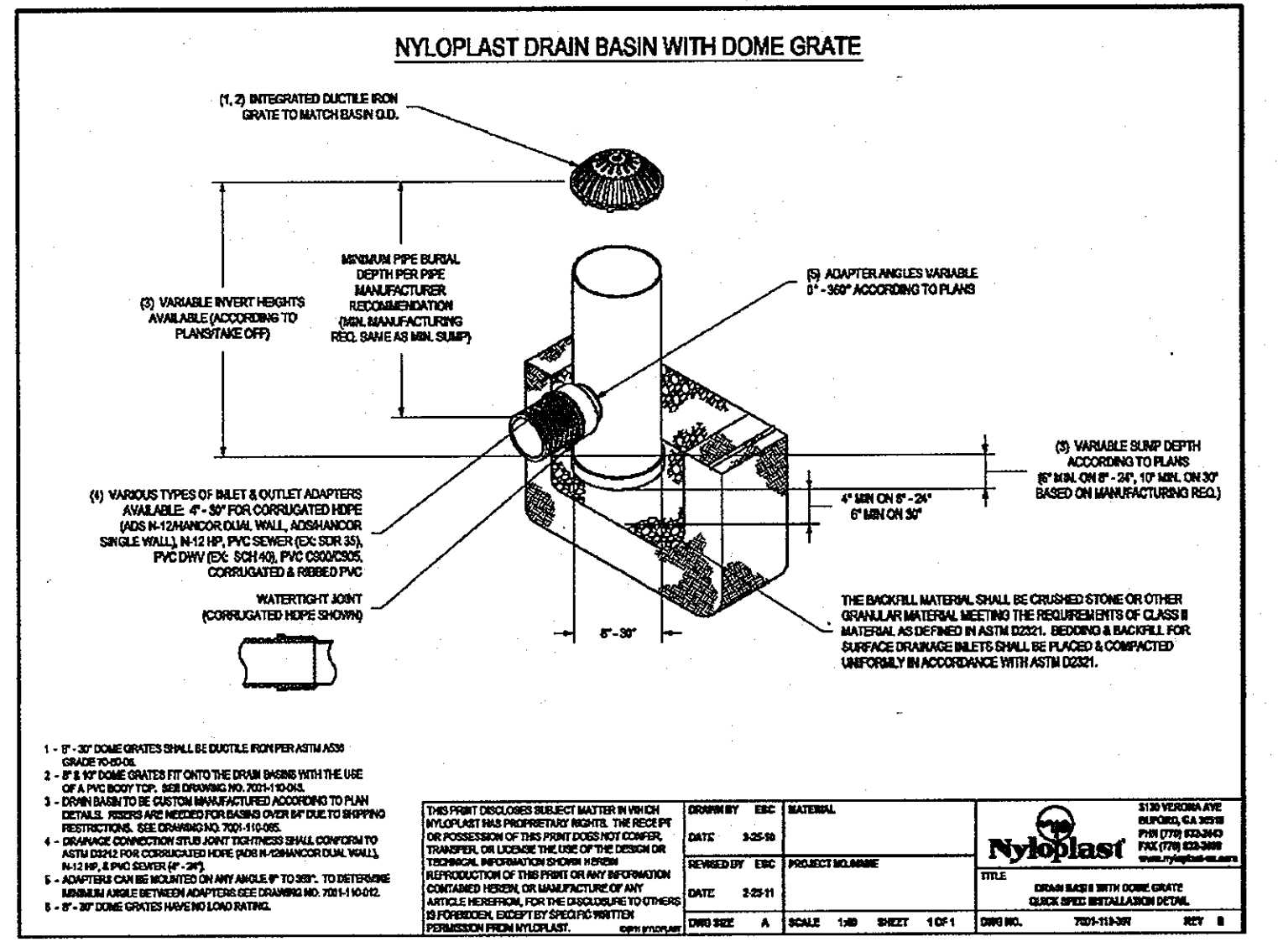
I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION, A CERTIFICATION OF LANDSCAPE INSTALLATION, ACCOMPANIED BY AN EXECUTED ONE (1) YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

Signature: *[Signature]* DATE: 9-26-13

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Signature: *[Signature]* DATE: 10-29-13
CHIEF, DEVELOPMENT ENGINEERING DIVISION

Signature: *[Signature]* DATE: 10-29-13
CHIEF, DIVISION OF LAND DEVELOPMENT



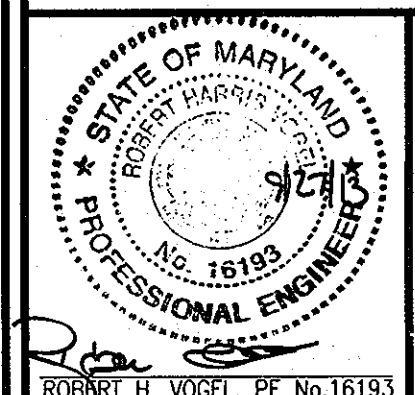
NYLOPLAST

NO.	DESCRIPTION	DATE	BY	CHK
1	NYLOPLAST DRAIN BASIN WITH DOME GRATE	2013	JTD	EDS

SUPPLEMENTAL STORM WATER MANAGEMENT, & LANDSCAPE DETAIL PLAN

**F-13-083
HOLIDAY HILLS
LOTS 113 & 114**
HOLIDAY HILLS SUBDIVISION SECTION 5 LOTS 113 & 114
A RESUBDIVISION OF LOT 54, PLAT BOOK 8, FOLIO 79
TAX MAP 41, GRID 6
DP2 FILES: ECP-13-017, WP13-186
PARCEL 273
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

ROBERT H. VOGEL ENGINEERING, INC.
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TEL: 410-461-7666
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DESIGN BY: JTD
DRAWN BY: JTD
CHECKED BY: EDS
DATE: SEPTEMBER, 2013
SCALE: AS SHOWN
W.O. NO.: 12-40

