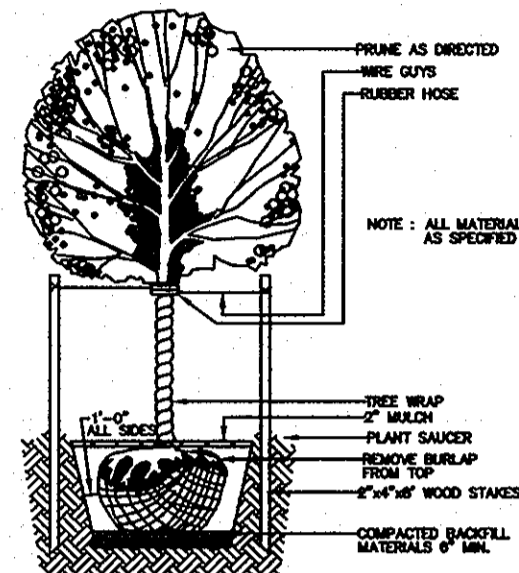


**SOIL DESCRIPTION**

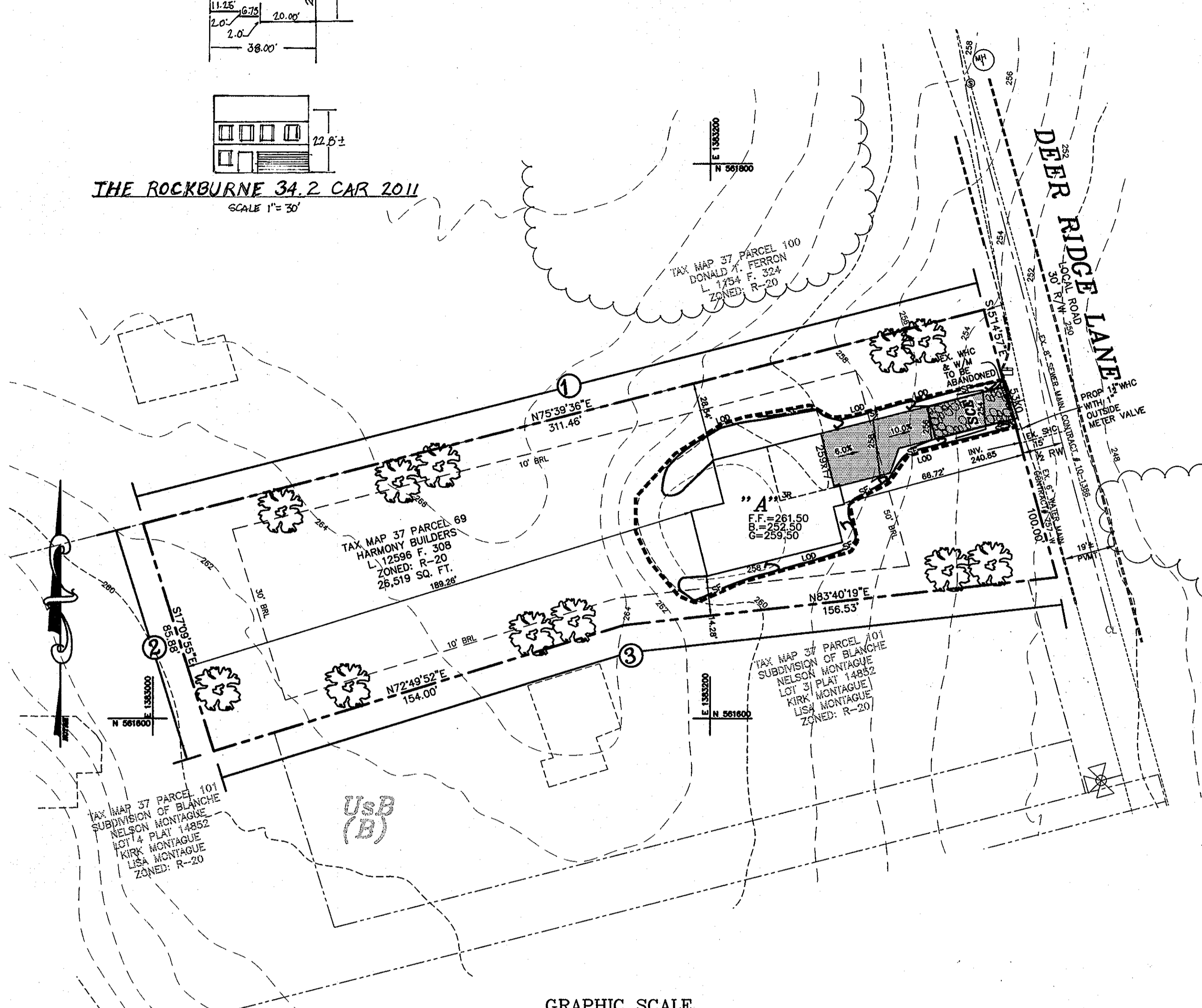
U8 (B) URBAN LAND-SASSAFRAS-BELTSVILLE COMPLEX, 0 TO 5 PERCENT SLOPES

**LEGEND:**

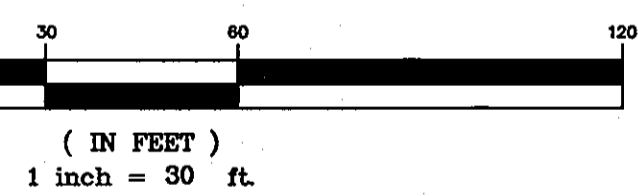
- DENOTES PROPOSED PAVEMENT
- STABILIZED CONSTRUCTION ENTRANCE
- LOD LIMITS OF DISTURBANCE
- EX. TREELINE
- PROPOSED TREE



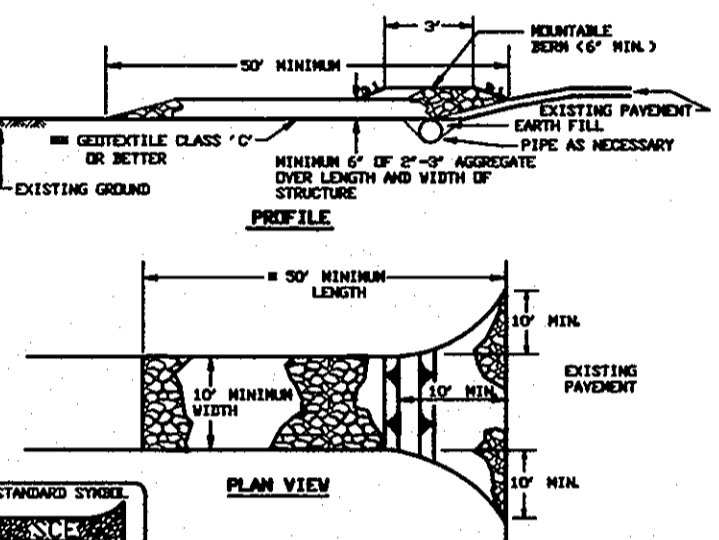
**THE ROCKBURNE 34.2 CAR 2011**  
SCALE 1"=30'



**GRAPHIC SCALE**



**DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE**



**Construction Specification**

- Length - minimum of 50' (400' for single residence lot).
- Width - 10' minimum, should be flared at the existing road to provide a turning radius.
- Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. After plan approval, filter cloth may not require single flaring resistance to use geotextile.
- Stone - compacted aggregate of 3/4" to 3/8" or included or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
- Surface water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable curb with 3:1 slopes and a minimum of 8" of stone over the pipe. Pipe has to be sized according to the drainage. When the SUE is located at high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 4" minimum will be required.
- Location - a stabilized construction entrance shall be located at every point where construction traffic enters an access a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

U.S. DEPARTMENT OF AGRICULTURE PAGE 7-17-3 MARYLAND DEPARTMENT OF ENVIRONMENT & GENERAL SERVICES WATER MANAGEMENT ADMINISTRATION

**OWNER/DEVELOPER**

HARMONY BUILDERS  
4228 COLUMBIA RD., ELLICOTT CITY, MD 21042  
(410) 461-0833

**DEVELOPER'S/OWNER'S CERTIFICATE**

I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE IN ACCORDANCE 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 YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

DATE: 3/15/11  
DATE: 3/21/11  
DATE: 3/22/11

NAME: [Signature]  
DATE: 3/15/11

NAME: [Signature]  
DATE: 3/21/11

NAME: [Signature]  
DATE: 3/22/11

NAME: [Signature]  
DATE: 3/22/11

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DATE: 3/22/11

NAME: [Signature]  
DATE: 3/22/11

NAME: [Signature]  
DATE: 3/22/11

**THE ROCKBURNE 34**  
SCALE 1"=30'



**THE ROCKBURNE 40**  
SCALE 1"=30'



**ADDRESS CHART**

PARCEL #	ADDRESS
69	5870 DEER RIDGE LANE

**PERMIT INFORMATION CHART**

SUBDIVISION NAME	SECTION/AREA	LOT/PARCEL #
DEER RIDGE POINT	N/A	69
PLAT # 38/17/1 BLOCK #	ZONE TAX MAP	ELEC. DIST. CENSUS TRACT
12598/308 12	R-20 37	FIRST 6011.01

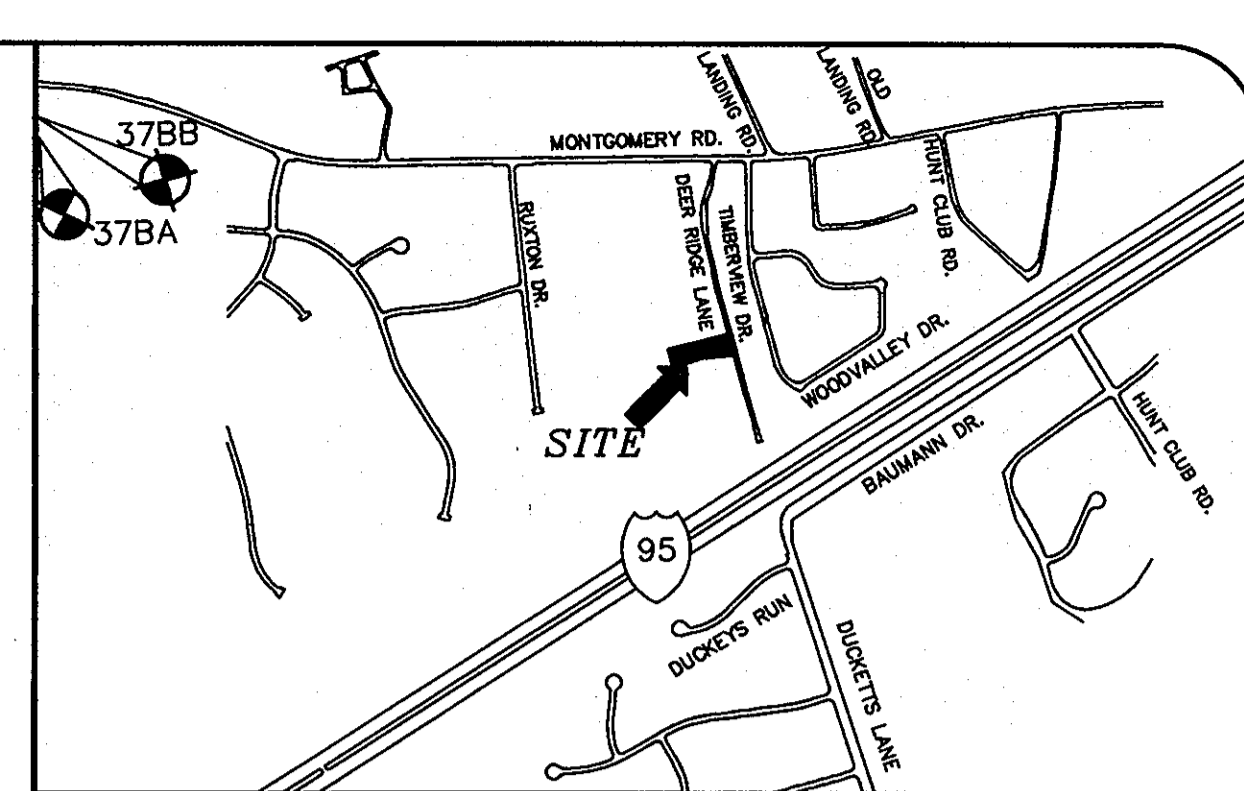
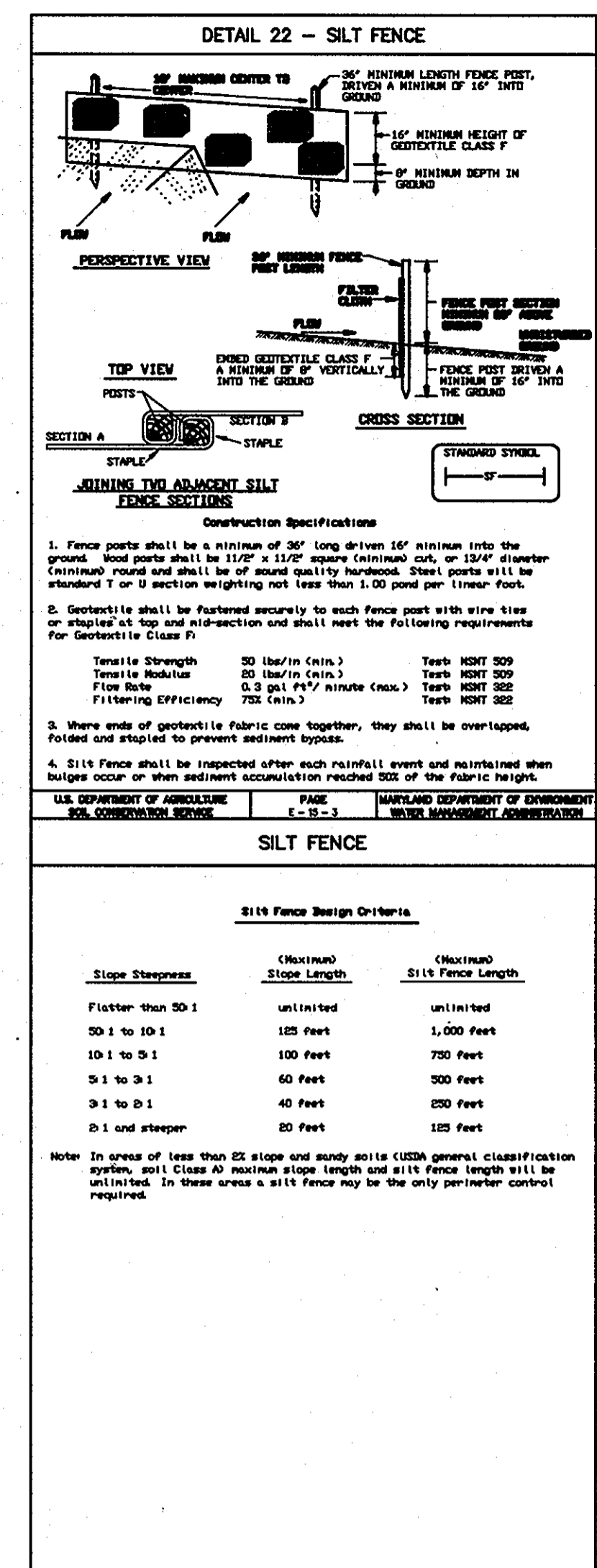
PROPOSED IMPROVEMENTS:  
CONSTRUCT HOUSE, ASSOCIATED GRADING

**SCHEDULE A : PERIMETER LANDSCAPED EDGE**

CATEGORY	ADJ. TO ROADWAY	ADJACENT TO PERIMETER PROPERTIES	TOTAL
LANDSCAPE TYPE	N/A	A (PERIMETER 1) A (PERIMETER 2) A (PERIMETER 3)	
LINEAR FEET OF PERIMETER	N/A	311.46 LF 85.88 LF 310.53 LF	
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET)	N/A	NO NO NO	
NUMBER OF PLANTS REQUIRED			
SHADE TREES	0	5	1
EVERGREEN TREES	0	0	5
SHRUBS	0	0	0
NUMBER OF PLANTS PROVIDED			
SHADE TREES	0	5	1
EVERGREEN TREES	0	0	5
OTHER TREES (2:1 SUBSTITUTION)	0	0	0
SHRUBS (10:1 SUBSTITUTION)	0	0	0

**LANDSCAPE REQUIREMENT PLANTING SCHEDULE**

QUANTITY	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE
11		ACER RUBRUM "RED SUNSET"	RED SUNSET RED MAPLE	2 1/2" - 3" CAL.



**GENERAL NOTES**

- ALL ASPECTS OF THE PROJECT ARE IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS.
- THE SUBJECT PROPERTY IS ZONED R-20 PER THE 02/02/04 COMPREHENSIVE ZONING PLAN AND PER THE "COMP LITE" ZONING REGULATION AMENDMENTS EFFECTIVE 7/28/06.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS IF APPLICABLE.
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/CONSTRUCTION INSPECTIONS AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) DAYS PRIOR TO ANY EXCAVATION WORK:
  - VERIZON TELEPHONE COMPANY (410) 725-9976
  - HOWARD COUNTY BUREAU OF UTILITIES (410) 313-4900
  - AT&T CABLE LOCATION DIVISION (410) 383-3533
  - BALTIMORE GAS & ELECTRIC (410) 685-0123
  - STATE HIGHWAY ADMINISTRATION (410) 531-5533
  - HOWARD COUNTY DEPT. OF PUBLIC WORKS/CONSTRUCTION INSPECTION DIVISION (410) 313-1880
- SITE ANALYSIS DATA CHART:
  - LOCATION: TAX MAP 37, PARCEL 69, GRID 12
  - ZONING: R-20
  - TOTAL AREA: 0.609 AC ± (26,519 SQ. FT.)
  - LIMIT OF DISTURBED AREA: 0.11± (4,900 SQ. FT.)
  - AREA OF PLAN SUBMISSION: 0.609 AC ± (26,519 SQ. FT.)
  - PROPOSED USE FOR SITE: RESIDENTIAL
  - TOTAL NUMBER OF UNITS: 1
  - TYPE OF PROPOSED UNIT: SFD
  - DEED REFERENCE: 11388/289
- TOPOGRAPHIC DATA SHOWN HEREON IS BASED ON A FIELD RUN SURVEY PERFORMED BY MILDENBERG, BOENDER AND ASSOCIATES IN JUNE OF 2010.
- BOUNDARY SHOWN HEREON IS BASED ON FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT JUNE OF 2010 BY MILDENBERG, BOENDER & ASSOCIATES, INC.
- HORIZONTAL AND VERTICAL DATUMS ARE RELATED TO THE MARYLAND NAD 83 (HORZ) AND NGVD29 (VERT) AS PROJECTED FROM HOWARD COUNTY CONTROL STATIONS NO. 378A & 378B.
  - STA. No. 378A N 563,785.618 ELEV. 394.786  
E 1,376,343.172
  - STA. No. 378B N 563,663.415 ELEV. 373.822  
E 1,376,040.471
- NO CEMETERIES EXIST ON SITE.
- NO HISTORIC STRUCTURE EXISTS ON SITE.
- NO WETLANDS, STREAMS, 25% STEEP SLOPES OR FLOODPLAINS EXIST ON SITE.
- PROPERTY IS LOCATED WITHIN THE METROPOLITAN DISTRICT, PUBLIC WATER AND SEWER WILL BE UTILIZED UNDER CONTRACT # S 10-1388 AND 757-W.
- CONTRACTOR TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES ON SITE PRIOR TO COMMENCING CONSTRUCTION.
- DRIVEWAY ENTRANCE TO BE HOWARD COUNTY STD. R-6.06 UNLESS OTHERWISE NOTED.
- DRIVEWAYS SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO ENSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
  - A) WIDTH - 12 FEET (16 FEET SERVING MORE THAN ONE RESIDENCE).
  - B) SURFACE - 6 INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING (1-1/2" MIN.).
  - C) GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND MINIMUM OF 45-FOOT TURNING RADIUS.
  - D) STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING).
  - E) DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100-YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE.
  - F) STRUCTURE CLEARANCES - MINIMUM 12 FEET
  - G) MAINTENANCE - SUFFICIENT TO ENSURE ALL WEATHER USE.
- IN ACCORDANCE WITH SECTION 128 OF THE HOWARD COUNTY ZONING REGULATIONS, BAY WINDOWS, CHIMNEYS, OR EXTERIOR 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.
- THIS PROPERTY IS EXEMPT FROM FOREST CONSERVATION IN ACCORDANCE WITH SECTION 16.1202(b)(1)(i) OF THE COUNTY CODE. DEVELOPMENT ACTIVITIES ON SINGLE LOTS SMALLER THAN 40,000 SQUARE FEET AS LONG AS ANY SUCH CUTTING, CLEARING OR GRADING DOES NOT INCLUDE ANY AREA ALREADY SUBJECT TO PREVIOUSLY APPROVED FOREST CONSERVATION RESTRICTIONS.
- THIS PROJECT IS EXEMPT FROM STORMWATER MANAGEMENT, THE DISTURBANCE IS LESS THAN 5,000 SQUARE FEET.
- LANDSCAPING FOR PARCEL 69 IS PROVIDED IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL. FINANCIAL SURETY FOR THE REQUIRED 11 SHADE TREES IN THE AMOUNT OF \$3,300.00 IS PART OF THE BUILDERS GRADING PERMIT APPLICATION.
- 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.

H: 10-014 (Rev 10-04-SDP-DWG)



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. 17942, EXP. DATE 9/03/12.

J. JACOB HIKMAT

**MILDENBERG, BOENDER & ASSOC., INC.**  
Engineers Planners Surveyors  
6600 Deerpath Road, Suite 150, Elkridge, MD 21075  
(410) 997-0298 Fax

**DEER RIDGE POINT**  
TAX MAP 37, BLOCK 12, PARCEL 69  
FIRST ELECTION DISTRICT  
HOWARD COUNTY MARYLAND  
SITE DEVELOPMENT PLAN

Project: 10-014  
date: MAR. 2011  
illustration: MMT  
scale: 1"=30'  
approval: RHH

date: 7/27/11  
description: revisions

1 OF 1

SDP-11-017