2. At the time of plant installation, all shrubs and trees listed and approved on the Landscape Plan, shall comply with the proper height requriement in accordance with the Howard County Landscape Manual. In addition, no substitutions orrelocations of the required plantings may be made without prior review and approval from the Department of Planning and Zoning. Any deviation from the approved Landscape Plan may result in denial or delay in the release of land scape surety until such time as all required materials are planted and/or revisions are made to the applicable plans.

Developer's/Owner's Landscape 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 Landscape Manual. abon Boone

GENERAL NOTES

- 1) This property is zoned R-12 per the February 2, 2004 Comprehensive Zoning Plan.
- 2) The total area of the site is .574 acres or 25003 square feet.
- 3) The total disturbed area of the site is .282 acres or 12283 square feet.
- 4) The sewer house connection elevation shown is located at the property line.
- 5) Any damage to county owned right-of-ways shall be corrected at the Developer's expense.
- 6) Access is provided to the site via a 14-foot wide use-in-common payed driveway constructed under SDP-04-127.
- 7) The topography is based on a field run topographic survey conducted by CLSI, dated March 2003.
- The coordinates shown hereon are based upon the Howard County Geodetic Control, which is based upon the Maryland State Plane Coordinate System, Howard County Control Stations 42 IA and 42 IB.
- 9) The contractor shall notify the Department of Public Works/Division of Construction Inspection at 410-313-1880 at least twenty-four (24) hours prior to start of work.
- 10) The contractor shall notify Miss Utility at 1-800-257-7777 at forty-eight (48) hours prior to any excavation work.
- 11) In accordance with Section 128 of the Howard County Zoning Regulations, bay windows, chimneys or exterior stairways not more than sixteen (16) feet in width may project not more than four (4) feet into any setbacks. Porches or decks open or enclosed
- may project not more than ten (10) feet into the front or rear yard setbacks.
- 12) There are no burial grounds located on this site.
- 13) Forest conservation is not applicable to this site per Section 16.1202(b)(1)(i) of the County Code, which states a subdivision, site development plan or grading permit for development on land, which is less than 40,000 square feet, is exempt from forest conservation requirements
- 14) This plan is subject to the Amended Fifth Edition of the Subdivision and Land Development Regulations per Council Bill 45-2003 and the Zoning Regulations as amended by Council Bill 75-2003. Development or construction must comply with setback and buffer regulations in effect at the time of plan submission of the site development plan, waiver petition application or building/grading permit.
- 15) The driveway shall be provided prior to issuance of a use and occupancy permit for any new dwellings to insure safe access for fire and emergency vehicles per the following minimum requirements:
- a) Width 12 feet (14 foot serving more than one residence). b) Surface -6 inches of compacted crusher run base with tar and chip coating (1-1) inch minimum).
- c) Geometry maximum 15 percent grade, maximum 10 percent grade change and 45 foot turning radius. d) Structures - (bridges and culverts) capable of supporting 25 gross tons.
- e) Drainage elements capable of safely passing the 100-year flood with no more than 1 foot of depth
- over the ariveway surface. f) Structure clearances -minimum of 12 feet.
- q) Maintenance sufficient to insure all weather use.
- 16) Stormwater management for this single-family residence is provided in accordance with the 2000 Maryland Stormwater Management Design Manual, and Howard County requirements.
- a) Cpv is not required (Qp1 < 2 Octs). (Off-site area to culvert excluded)
- b) Mater quality (MQY) is provided by disconnection of roof and driveway surfaces where feasible. c) Recharge (Rev) is provided by disconnecting the roof areas and by utilizing the equal area credit
- for driveways where feasible. 17) For the driveways entrance detail refer to the Howard County Design Manual Volume IV Standard Detail R6.06.
- 18) The private road that lies within the 30 foot widening strip (P.B. 1 F. 75, P.B. 3 F.51) is owned by the Developers of Nordau Subdivision, their heirs and successors. All properties shown on P.B. 1 F. 75 gain vehicular ingress and egress to Jones Road with an overlapping easement for vehicular and pedestrian access via the 30 foot widening strip.
- 19) Existing utilities were taken from Howard County Contract Number 24-3377-D.
- 20) This plan has been prepared in accordance with the provisions of Section
- 16.124 of the Howard County Code and Landscape Manual.
- 21) The landscaping requirements are provided by existing vegetation and the planting of trees as shown on this plan.
- 22) No grading, removal of vegetative cover or trees, paving and new structures shall be permitted within the required wetlands, stream(s) or their buffers, and 100 year floodplain except for that
- necessary to construct the driveway and attendant culvert. A waiver of standard has been applied for. 23. "The private road that lies within the 30' widening strip (PB. 1 F.75, PB. 3, F. 51) is owned by the developer's of Nordau Subdivision, their heirs and successors. All properties shown on PB 13, F 75 gain vehicular ingress and egress to Jones Road with an overlapping easement for vehicular and pedestrian access via the 30' widening strip."
- 24. "For flag or pipe stem lots, refuse collection, snow removal and road maintenance are provided to the junction of the flag or pipestem and the public road right of way line only and not onto the flag or pipestem
- 25. The Howard County Division of Land Development has determined that the disturbance to the environmental area is essential for the construction of the driveway and installation of the rip-rap.
- 26. The use in common driveway is intended to be used by the following properties. Parcels 414, 416, 417, 413, and

lots 28 and 29 of the Nordau subdivision.	5
REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL	<u>-</u>
REQUIREMENTS	
fin Moyen :	18/06
USDA-NATURAL RESOURCES CONSERVICE	DATE
HIS DEVELOPMENT PLAN IS APPRICED OF SOIL EROSION AND SEDIMENT CO HOWARD SOIL CONSERVATION DISTRICT	NIROLDTINE
John K. Pelestator s	19/00
HOWARD SCD	DATE
DEPARTMENT OF PLANNING & ZONING	
APPROVED:	
Girdy Hamilia	5/31/06 DATE
CHIEF, DIVISION OF LAND DEVELOPMENT	DATE
CHIEF, DEVELOPMENT ENGINEERING DIVISION (5/30/06

BENCHMARKS 42IA CONC. MON. N.543390.386 E. 1364912.654 ELEV. 312.653 42 IB CONC. MON N. 5423660.879 E. 1363076.001 ELEV. 283.185

FREDERICK OFFICE:

LANDSCAPE TREES (SHADE TREES) (SEE PLANTING SCHEDULE FOR TYPE) PROPOSED IMPERVIOUS SURFACE 5111 Pegasus Court, Suite B Frederick, MD 21704-8318 439 East Main Street Westminster, MD 21157-5539

FAX (410) 848-1791

ROOFTOP DISCONNECT DATA

55'@ 4.6%

95'@ 4.7%

120'@ 5.0%

75'@ 9.3%

45'@ 6.7%

ADJACENT

NONE

TO ROADWAYS

SECTION 'A-A'

NOT TO SCALE

PROPOSED

GRADE-

0 12 GA. 0 0 4.6 9%

DRIVEWAY PIPE DETAIL

DESCRIPTION EXISTING 2' CONTOUR

PROPOSED 2' \$ 10'

TREE PROTECTION

EXISTING TREE LANE

LIMIT OF DISTURBANCE

PROPOSED TREE LINE

METLANDS

AREA LIMITS

FILTER STRIP

DISCONNECT

DISCONNECT

EX. 10' MATER \$

SEMER & UTILITY

EASEMENT

CONNECTION

CONNECTION

UTILITY EASEMENT

ROOFTOP

PATHS

FOR DRIVEWAY &

NON-ROOFTOP

ROOFTOP DRAINAGE

25' METLAND BUFFER

EX. 30' PUBLIC MATER,

SEMER SERVICE HOUSE

WATER SERVICE HOUSE

(PROFESSIONAL ENGINEER REG. # 11028)

SUPER SILT FENCE

SPOT ELEVATON

SILT FENCE \$

EXISTING 10' CONTOUR

SCHEDULE A

PERIMETER LANDSCAPE EDGE

55'@ 4.6%

N 542550

ADJACENT TO

PERIMETER

PROPERTIES

(35')

N/A

(175')

10 YR. WSEL 279.18

P-1(100') P-2(250') P-3(100') P-4(250')

1*60 SQ.* FT.

160 SQ. FT.

480 SQ. FT.

540 SQ. FT.

448 SQ. FT.

LANDSCAPE TYPE

LINEAR FT. OF ROADWAY

FRONTAGE/PERIMETER

CREDIT FOR WALL, FENCE

SHADE TREES

EVERGREENS SHRUBS

OF PLANTS PROVIDED

SHADE TREES EVERGREENS

SUBSTITUTIONS IF NEEDED

280

CLOTH 19" MIN THICKNESS

٩

SHRUBS

(10:1 SUBSTI-

TUTION

CREDIT FOR EXISTING

VEGETATION

OF PLANTS REQ.

400 SQ. FT.

KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT. Strews / some FRANK E. ROSCOE. JR. PROFESSIONAL ENGINEER REG. No. \$ 1028 DEVELOPER'S CERTIFICATE I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE CONSERVATION DISTRICT Jahren Boone FRANK E. ROSCOE, JR

MOODED UNDEVELOPED)-

N 542100

DONE ACCORDING TO THIS PLAN OF DEVELOPMENT FOR SEDIMENT AND ROSION CONTROL, AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL

PLANTING SCHEDULE

Pin Oak

Autumn Purple

SIZE

21/2"-3"

21/2"-3"

21/2"-3"

B\$B

ROOT SPACING

as shown

as shown

30' PUBLIC

RIGHT OF WAY

4894 JONES ROAD

CONSTRUCTED

KEY QUAN. BOTANICAL NAME COMMON NAME

QUERCUS palustris

Fraxinus american

'Autumn Purple'

NOTE: CONTRACTOR TO INSTALL
ANY NECESSARY MEASURES
TO DIVERT RUNOFF IN AN
APPROYED MANNER INTO
CULVERT DURING
CONSTRUCTION HOWARD COUNTY RESIDENTIAL DRIVEWAY ENTRANCE STD. R6.06 _20'R/W 7943/001 N 542300 EX. 30 PUBLIC 4 EASEMENT PER PLAT 1/128 DRAINAGE 268 PAVED DRIVEWAY CONSTRUCTED UNDER —1-1/2" TAR & CHIP COATING (MIN.) PLAN -6" COMPACTED ENGINEER'S CERTIFICATE CRUSHER RUN "I CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL SCALE: 1" - 30' BASE REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL DRIVEWAY DETAIL N.T.S. SEWER SERVICE INFORMATION LOT # INV. @ MAIN INV. @ ESMT. MIN. SEMERABLE EL. PROP. BSMT. EL.

O' WIDENING STRIP

FOR PUBLIC USE

L. 13, F. 75

2 GAUGE GALVANIZED M MISTED FOR SUPPORT

PLACE STAKES PARALLE

TREE PLANTING DETAIL

* NOTE: A REQUEST HAS BEEN MADE TO EITHER NOT SEMER THE BASEMENT OR TO USE A GRINDER/ EJECTOR PUMP FOR BASEMENT SEMERAGE SERVICE.

274.35

275.28

OWNER / DEVELOPER

506 CORN COURT

CALVIN & JODY BOONE CEB CONSTRUCTION SERVICES 215 WEST MANOR COURT MT. AIRY, MARYLAND 21771 MT. AIRY, MARYLAND 21771 410-984-5045

VICINITY MAP Scale: 1"=2000'

GARAGE TYPICAL PROFILE SCALE: 1" = 30' HOUSE HOUSE FOOTPRINT

SHEET INDEX

SHEET 1: SITE, SEDIMENT/EROSION CONTROL & LANDSCAPING PLAN SHEET 2: SOILS & EXISTING VEGETATION PLAN & CULVERT DRAINAGE AREA MAP SHEET 3: SEDIMENT CONTROL NOTES & DETAILS

SITE ANALYSIS DATA CHART

TOTAL PROJECT AREA: 0.574 ACRES AREA OF PLAN SUBMISSION: 0.574 ACRES DISTURBED AREA: 0.282 ACRES PRESENT ZONING DESIGNATION: R-12 PROPOSED USE: SINGLE FAMILY RESIDENTIAL TOTAL NUMBER OF UNITS ALLOWED: 1 TOTAL NUMBER OF UNITS PROPOSED:

* PUBLIC WATER AND SEMER AVAILABLE AND CONSTRUCTED UNDER HOWARD COUNTY CONTRACT NUMBER 24-3377-D

GENERAL NOTES

RESIDENTIAL SITE DEVELOPMENT PLAN 1. The contractor shall notify the Department of Public Morks/Bureau of Engineering/Construction Inspection Division at (410) 313-1880 at least five (5)

working days prior to the start of work. 2. The contractor shall notify "Miss Utility" at 1-800-257-7777 at least 48 hours prior to any excavation work being done 3. The existing topography is taken from field run survey, March 2003, with maximum two foot contour intervals prepared by CLSI.

4. The coordinates shown hereon are based upon the Howard County Geodetic Control which is based upon the Maryland State Plane Coordinate System. Howard County Monument Nos. 421A and 421B were used for this project.

5. Stormwater Management shall consist of WQv and Rev provided by disconnection of rooftop areas and utilizing the equal area credit for driveway surfaces. 6. Existing utilities are based on Howard County Contract No. 24-3377-D

7. Any damage to the County's right-of-way shall be corrected at the developer's 8. SHC elevations shown are located at the property line.

9. For driveway entrance details refer to the Howard County Design Manual, Volume IV, Standard Detail R- 6.06...

10. Howard County water and sewer contract #'s, 24-3377-D, 24-1846-D.

> PERMIT INFORMATION CHART NORDAU SUBDIVISION LOT 10 / P. 417 P.B. # 1/F.75 | 24 | R-12 | 42 6TH MATER CODE BOS SEMER CODE ADDRESS CHART

SHEET 1 OF 3

PLAT# OR L/F GRID # ZONING TAX MAP # ELECT. DIST. CENSUS TRAC STREET ADDRESS 7892 JONES ROAD

SITE PLAN/SEDIMENT-EROSION CONTROL & LANDSCAPING PLAN

SINGLE FAMILY DETACHED RESIDENCE AT

6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND SCALE 1"=30' JANUARY, 2006

PERMANENT SEEDING NOTES APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONGLIVED VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISKING OR OT HER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED. SOIL AMENDMENTS IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:

1) PREFERRED- APPLY 2 TONS PER ACRES DOLOMITIC LIMESTONE (92 LBS./ 1000 SQ.FT.) AND 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./ 1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISK INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS./ 1000 SQ. FT.) 2) ACCEPTABLE- APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./ 1000 SQ. FT.) AND 1000 LBS. PER ACRE 10-10-10 FERTILIZER (23 LBS./ 1000 SQ.FT.) BEFORE SEEDING. HARROW OR DISK INTO UPPER THREE INCHES OF SOIL.

SEEDING- FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCT OBER 15, SEED MITH 60 LBS, PER ACRE (1.4 LBS/1000 SQ. FT.) OF KENTUCKY 31" TALL FESCUE, FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED MITH 60 LBS. KENTUCKY 31" TALL FESCUE PER ACRE AND 2 LBS. PER ACRE (0.5 LBS/1000 SQ.FT.) OF WEEPING LOVEGRASS, DURING THE PERIOD OF OCT OBER 16 THROUGH FEBRUARY 28. PROTECT SITE BY: OPTION (1) \$\phi\$ 2 TONS PER ACRE OF WELL-ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2)- USE SOD. OPTION (3)- SEED WITH 60 LBS/ACRE KENTUCKY 31" TALL FESCUE AND MULCH WITH 2 TON/ACRE WELL-ANCHORED STRAW.

MULCHING- APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ. FT.)
OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING.
ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING A MULCH
ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ.FT.) OF
EMULSIFIED ASPHALT ON FLAT AREAS ON SLOPES OF 8 FEET OR HIGHER,
USE 348 GALLONS PER ACRE (8 GAL/1000 SQ.FT.) FOR ANCHORING.

MAINTENANCE- INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

TEMPORARY SEEDING NOTES APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT TERM VEGETATIVE COVER IS NEEDED. SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISKING, OR OTHER ACCEPTABLE MEANS BEFORE SEEDING IF NOT PREVIOUSLY LOOSENED. SOIL AMENDMENTS: APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./ 1000 SQ.FT.)

SEEDING: FOR PERIODS MARCH 1 THROUGH APRIL 30 AND AUGUST 15 THROUGH OCTOBER 15, SEED WITH 2-1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS./1000 SQ.FT.) FOR THE PERIOD OF MAY 1 THROUGH AUGUST 14, SEED WITH 3 LBS. PER ACRE OF WEEPING LOVEGRASS (0.7 LBS./1000 SQ.FT.) FOR THE PERIOD OF NOVEMBER 16 THROUGH NOVEMBER 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOD.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS:/1000 SQ.FT.)
OF UNROTTED WEED FREE SMALL GRAIN STRAW IMMEDIATELY AFTER
SEEDING. ANCHOR IMMEDIATELY AFTER APPLICATION USING MULCH
ANCHORING TOOL OR 218 GAL. PER ACRE (5 GAL./1000 SQ.FT.) OF EMULSIFIED
ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GAL. PER
ACRE (8 GAL./1000 SQ.FT.) FOR ANCHORING.

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR ADDITIONAL RATES AND METHODS NOT COVERED.

Standard Sediment Control Notes

1. A minimum of 48 hours notice must be given to the Howard County Department o Inspections, Licenses and Permits, Sediment Control Division prior to the start of any construction (3 13-1855).

3. Following initial soil disturbance or re-disturbance, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1,b) 14 days as to all other disturbed or graded areas on the project site. 4. All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12 of the HOMARD COUNTY DESIGN MANUAL, Storm Drainage.

5. All disturbed areas must be stabilized within the time period specified above in accordance with the 1944 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seeding (Sec. 51), sod (Sec. 54), temporary seeding (Sec. 50) and mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.

7. Site Analysis:
Total Area of Site

0.574 Acres
Area Disturbed

0.282 Acres
Area to be roofed or paved
Area to be vegetatively stabilized

0.113 Acres
Area to be vegetatively stabilized

169 Acres
Total Cut

179 Cu Yds.
Total Fill

152 Cu Yds.
Offsite waste/borrow area location: MASTE MATERIAL SHALL BE TAKEN TO AN
OFFSITE AREA WITH AN ACTIVE GRADING PERMIT.

8. Any sediment control practice, which is disturbed by grading activity for placement of utilities, must be repaired on the same day of disturbance. 9. Additional sediment control must be provided, if deemed necessary by the Howard County Sediment Control Inspector.

10. On all sites with disturbed areas in excess of 2 acres, approval of the inspectior agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading, Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.

1 1. Trenches for the construction of utilities is limited to three pipe lengths or that which shall be back-filled and stabilized by the end of each workday, whichever is shorter.

SEQUENCE OF CONSTRUCTION

1. OBTAIN GRADING PERMIT.

2. INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN. (1 DAY)

3. INSTALL CULVERT. CONTRACTOR TO INSTALL ANY
MEASURES NECESSARY TO DIVERT SURFACE RUNOFF
INTO CULVERT DURING CONSTRUCTION.

4. IMMEDIATELY STABILIZE UPSTREAM AREA GRADED
FOR INSTALLATION OF CULVERT WITH SOD. SHA
CL I RIP RAP.

5. PERFORM NECESSARY GRADING, AND STABILIZE THE SITE. BUILD
HOUSE (2 MOS.)

6. AFTER THE SITE IS STABILIZED AND PERMISSION IS GRANTED FROM
THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS
AND STABILIZE ANY REMAINING DISTURBED AREAS. (2 DAYS)

REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENT THIS DEVELOPMENT PLAN IS APPROVED FOR THE BOSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DESCRIPTION KPPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING Ludy Vamitte CHIEF, DIVISION OF LAND DEVELOPMENT

PROFESSIONAL ENGINE

DEVELOPER'S CERTIFICATE "I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT FOR SEDIMENT AND EROSION CONTROL, AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT." Calver Roon

DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE

GEOTEXTILE CLASS'C FARTH FILL OR SHIPMAGE OF 2" 3" AGGREGATE NECESSARY OVER LENGTH AND WIDTH OF EXISTING GROUND STRUCTURE

<u>* 50' MINIMUM .</u> LENGTH STANDARD SYMBOL

1. LENGTH - MINIMUM OF 50' (*30' FOR SINGLE RESIDENCE LOT).

DETAIL 33 - SUPER SILT FENCE

2 1/2 DIAMETER WITH 1 LAYER OF GALVANIZED FILTER CLOTH OVER

CONSTRUCTION SPECIFICATIONS

2. CHAIN LINK FENCE SHALL BE FASTENED SECURELY TO THE FENCE POSTS WITH WIRE TIES. THE LOMER TENSION MIRE, BRACE AND TRUSS RODS, DRIVE ANCHORS AND POST CAPS ARE NOT

3. FILTER CLOTH SHALL BE FASTENED SECURELY TO THE CHAIN LINK FENCE WITH TIES SPACED

5, WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED

7. FILTER CLOTH SHALL BE FASTENED SECURELY TO EACH FENCE POST WITH WIRE TIES OR STAPLES AT TOP AND MID SECTION AND SHALL MEET THE POLLOWING REQUIREMENTS FOR

> TENSILE STRENGTH 50 LBS/IN (MIN.) TEST: MSMT 509 TENSILE MODULUS 20 LBS/IN (MIN.) TEST: MSMT 509
> FLOW RATE 0.3 GAL²/FT /MINUTE (MAX.) TEST: MSMT 322 FILTERING EFFICIENCY 75% (MIN.) TEST: MSMT 322

6. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SILT BUILDUPS REMOVED WHEN "BULGES"

DESIGN CRITERIA

(MAXIMUM)

SLOPE LENGTH SILT FENCE LENGTH

(MAXIMUM)

FENCING SHALL BE 42" IN HEIGHT AND CONSTRUCTED IN ACCORDANCE WITH THE LATEST MARYLAND STATE HIGHMAY DETAILS FOR CHAIN LINK FENCING. THE SPECIFICATION

FOR A 6' FENCE SHALL BE USED, SUBSTITUTING 42" FABRIC AND 6' LENGTH

4. FILTER CLOTH SHALL BE EMBEDDED A MINIMUM OF 8" INTO THE GROUND.

DEVELOP IN THE SILT FENCE, OR WHEN SILT REACHES 50% OF FENCE HEIGHT

2 1/2" DIAMETER GALVANIZED OR ALUMINUM POSTS

NOTE: FENCE POST SPACING SHALL NOT EXCEED 10' CENTER TO CENTER

TINITE TO

BY 6" AND FOLDED.

MINIMUM INTO GROUND

TRAIRMAN

CHAIN LINK FENCING_ FILTER CLOTH _

EMBED FILTER CLOTH 8"

1. THE POLES DO NOT NEED TO SET IN CONCRETE

REQUIRED EXCEPT ON THE ENDS OF THE FENCE.

EVERY 24" AT THE TOP AND MID SECTION.

2. WIDTH - 10' MINIMUM, SHOULD BE FLARED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS. 3. GEOTEXTILE FABRIC (FILTER CLOTH) SHALL BE PLACED OVER THE EXISTING GROUND PRIOR TO PLACING STONE. **THE PLAN APPROVAL AUTHORITY MAY NOT REQUIRE SINGLE FAMILY RESIDENCES TO USE GEOTEXTILE.

4. STONE - CRUSHED AGGREGATE (2" TO 3") OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT SHALL BE PLACED AT LEAST 6" DEEP OVER THE LENGTH AND WIDTH OF THE ENTRANCE.

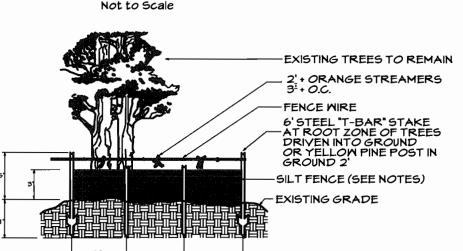
5. SURFACE MATER - ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED THROUGH THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PIPE INSTALLED THROUGH THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MOUNTABLE BERM MITH 5:1 SLOPES AND A MINIMUM OF 6" OF STONE OVER THE PIPE. PIPE HAS TO BE SIZED ACCORDING TO THE DRAINAGE. WHEN THE SCE IS LOCATED AT A 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 6" MINIMUM WILL BE REQUIRED.

6. LOCATION - A STABILIZED CONSTRUCTION ENTRANCE SHALL BE LOCATED AT EVERY POINT WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES A CONSTRUCTION SITE. VEHICLES LEAVING THE SITE MUST TRAVEL OVER THE ENTIRE LENGTH OF THE STABILIZED CONSTRUCION ENTRANCE.

36 MINIMUM

STANDARD SYMBOL

Silt Fence and Tree Protection



1. Silt fence to be heeled into the soil. 2. Mire, snow fence, etc. for tree protection only. 3. Boundaries of Retention Area will be established as part of the forest conservation plan review

process. 4. Boundaries of Retention Area should be staked and flagged prior to installing device. 5. Avoid root damage when placing anchor posts.
6. Device should be properly maintained throughout construction.
7. Protection signs are also required, see Figure C-4.
8. Locate fence outside the Critical Root Zone.

ENGINEER'S CERTIFICATE "I HEREBY CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS IN ACCORDANCE WITH THE REQUIREMENTS ON THE HOWARD SOIL CONSERVATION DISTRICT. entle lesur FRANK E. ROSCOE, JR. PROFESSIONAL ENGINEER REG. No. 11028

OWNER / DEVELOPER

ERNEST LEROY & AWILDA GREEN 4007 N ROGERS AVE BALTIMORE, MD 21207-7128

215 WEST MANOR COURT MT. AIRY, MD 21771 (410-984-5045

SHEET 2 OF 3

SEDIMENT CONTROL NOTES & DETAILS

CALVIN BOONE PROPERTY

VICINITY MAP Scale: 1"=2000'

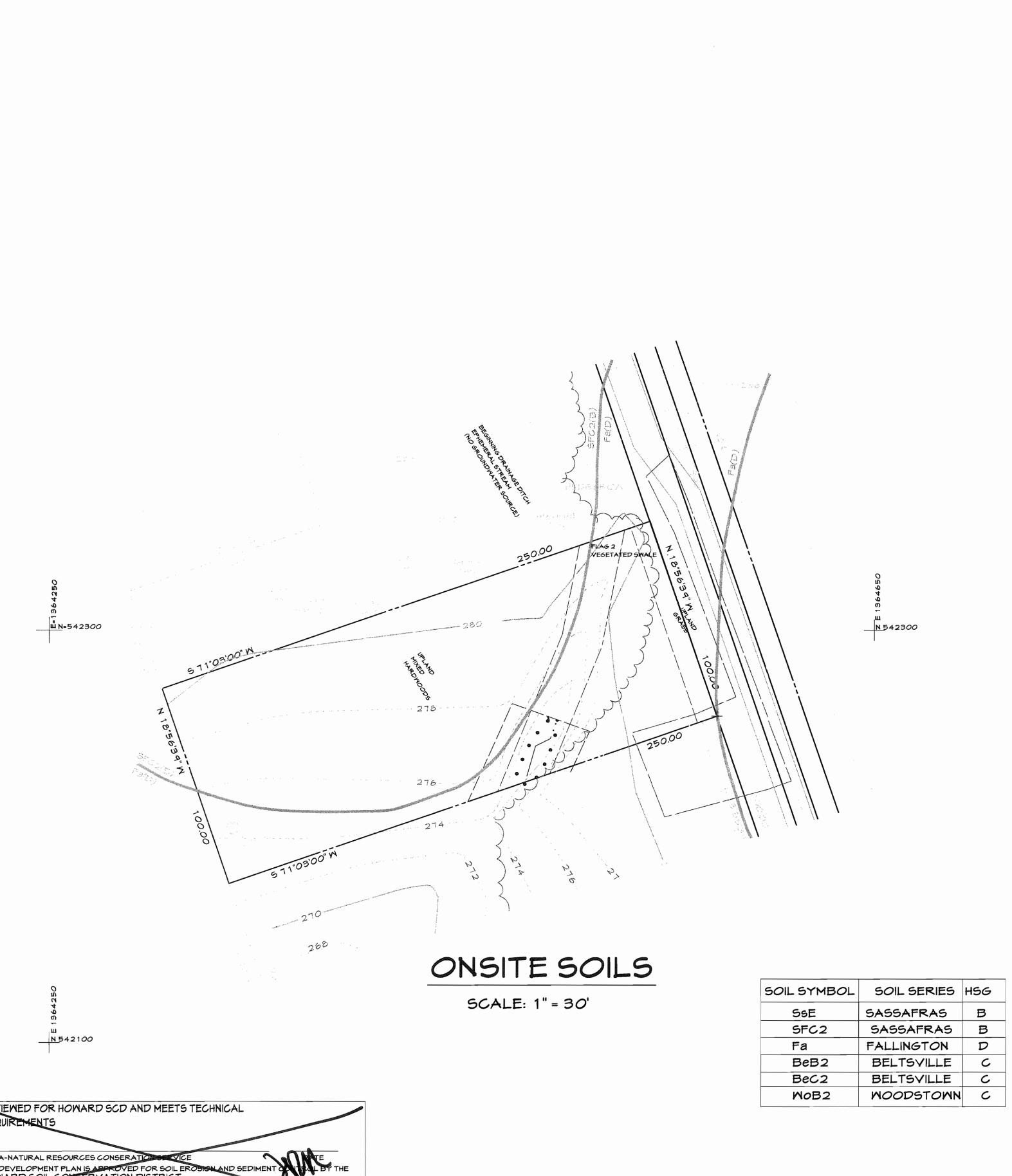
6th ELECTION DISTRICT

SCALE 1" = 30'

TAX MAP 42, GRID 24, PARCEL417 HOMARD COUNTY, MARYLAND DATE: JANUARY, 2006

County File No. SDP-06-064

FREDERICK OFFICE: 5111 Pegasus Court, Suite B Frederick, MD 21704-8318 Westminster, MD 21157-5539 (301) 662–1799 (410) 848-1790 FAX (301) 662-8004 FAX (410) 848-1791



SCALE: 1" = 100'

VICINITY MAP 1"=2000 OFF-SITE AREA TOPROPOSED DRIVEWAY
CULVERT
(EXCLUDED FROM CPV CALCULATION) (RATIONAL METHOD) SITE AND OFF-SITE AREA FOR COV DE-TERMINATION (TR-55) PAVE IMPERVIOUS ROOFTOP IMPERVIOUS

CULVERT DRAINAGE AREA MAP ~~~

CALVIN & JODY BOONE 506 ACORN COURT

MT. AIRY, MARYLAND 21771

TREELINE

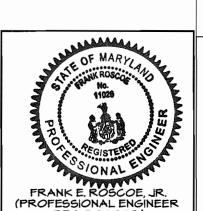
REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL

USDA-NATURAL RESOURCES CONSERATION THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROS HOWARD SOIL CONSERVATION DISTRICT HOWARD SCD DEPARTMENT OF PLANNING & ZONING APPROVED:

5/31, 26. CHIEF, DIVISION OF LAND DEVELOPMENT

5 3000





ENGINEER'S CERTIFICATE "I CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS IN ACCORDANCE FRANK E. ROSCOE, JR. PROFESSIONAL ENGINEER REG. No. 1 1028 DEVELOPER'S CERTIFICATE

1/ME CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT FOR SEDIMENT AND EROSION CONTROL, AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT."

CEB CONSTRUCTION SERVICES

215 WEST MANOR COURT

MT. AIRY, MD 21771 (410-984-5045

EXISTING VEGETATION/ SOILS PLAN AND CULVERT DRAINAGE AREA MAP

SHEET 3 OF 3

CALVIN BOONE PROPERTY

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