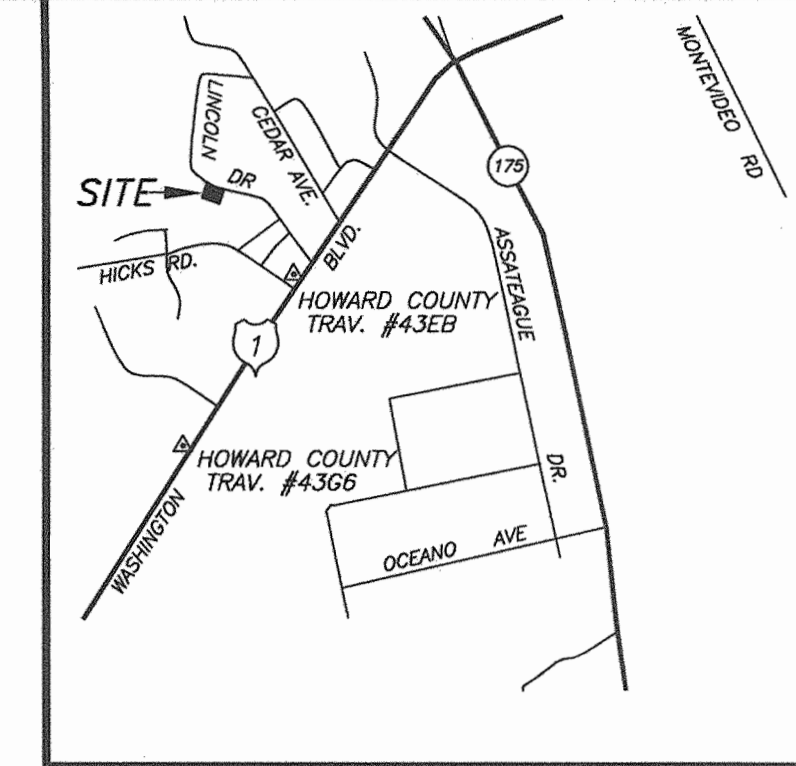
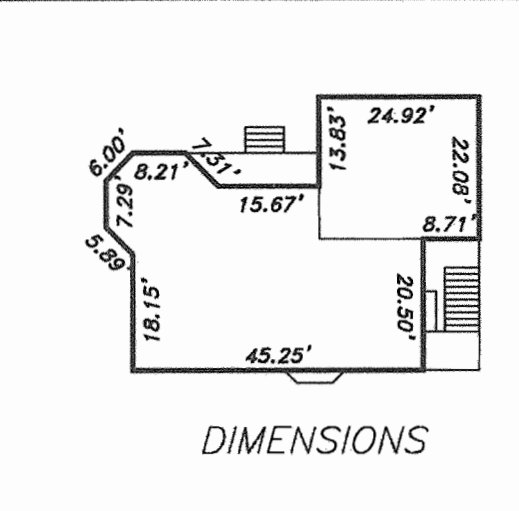
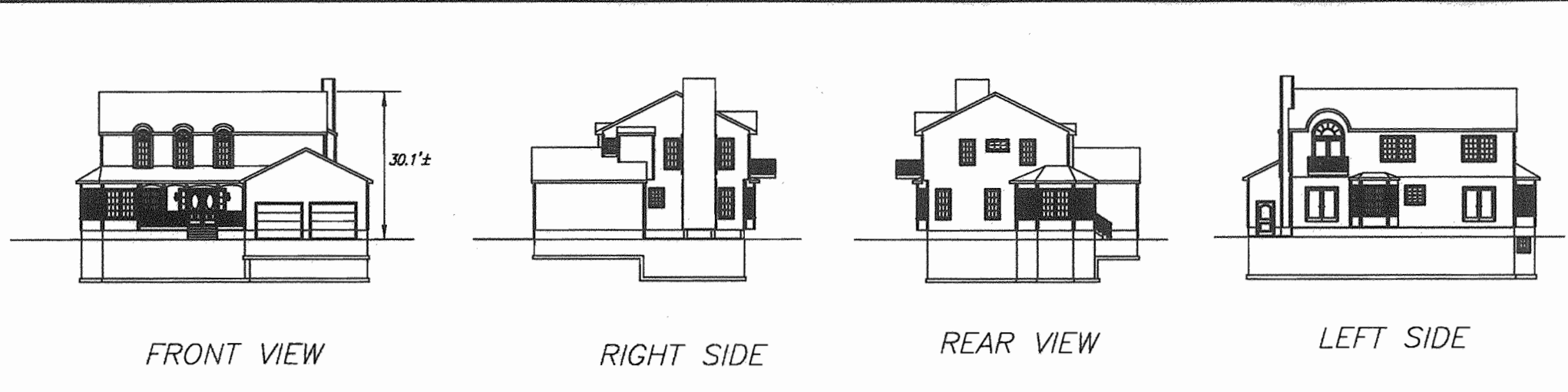
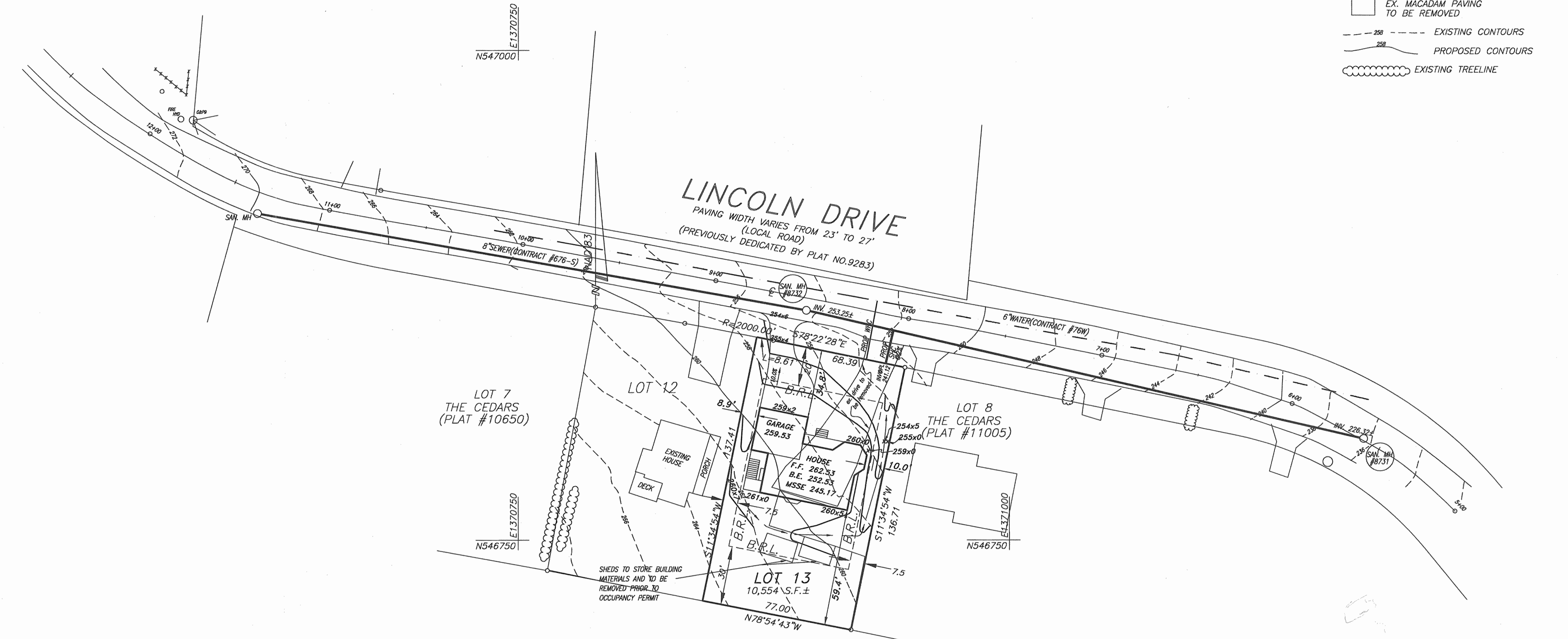


- NOTES:
- DRIVEWAY MUST BE PAVED FROM EDGE OF PUBLIC ROAD TO RIGHT OF WAY LINE USING STANDARD PAVING SECTION P-1 AS SHOWN ON STD. NO. OR ALTERNATE SECTION EQUAL TO OR BETTER THAN P-1, AS APPROVED BY D.P.W.
 - DRAINAGE CULVERT SHALL BE SIZED FOR A 10 YEAR FREQUENCY STORM AND THE MINIMUM SIZE SHALL BE 12" DIA. ROUND OR 14"x8" ARCH PIPE IF LARGER PIPE IS REQUIRED. DITCH INVERT SHALL BE LOWERED TO PROVIDE MIN. DITCH GRADIENT OF 0.5% AND CLEARANCE SHOWN.
 - SWALE FLOW MAY BE PROVIDED OVER DRIVEWAY LOCATED AT OR NEAR THE CREST OF VERTICAL CURVES ON THE PUBLIC ROAD WHERE QUANTITY OF FLOW IS SMALL, AS APPROVED BY D.P.W.
 - TIE IN GRADE OF PRIVATE DRIVEWAY SHALL NOT EXCEED 14%.



- GENERAL NOTES**
- 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/BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT 410-313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
 - THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
 - TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREETS AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
 - THE EXISTING TOPOGRAPHY SHOWN IS BASED ON A SURVEY BY SHANABERGER & LANE IN JUNE 2003 TIED TO NAD 83 HOWARD COUNTY CONTROL STATIONS:
HOWARD COUNTY MONUMENT NO. 4306 EL:219.456
HOWARD COUNTY MONUMENT NO. 43EB EL:216.311
BENCHMARK SET: PIN & CAP FOUND
TRAVERSE NO. 7 EL. 268.53
BENCHMARK SET: REBAR SET
TRAVERSE NO. 6 EL. 257.69
 - BEARINGS, DISTANCES, & COORDINATES SHOWN HEREON ARE FROM A BOUNDARY SURVEY PERFORMED BY SHANABERGER & LANE IN DECEMBER OF 2002 BASED ON COUNTY CONTROL STATIONS 4306 & 43EB.
 - WATER IS PUBLIC (CONTRACT #76W)
 - SEWER IS PUBLIC (CONTRACT #676-S)
 - PROJECT IS EXEMPT FROM STORMWATER MANAGEMENT REQUIREMENTS DUE TO DISTURBING LESS THAN 5000 sq. ft. NET AREA.
 - EXISTING UTILITIES SHOWN HEREON WERE FIELD-LOCATED WHERE POSSIBLE, AND SHOWN PER AVAILABLE PLANS OF RECORD IN OTHER CASES.
 - THERE ARE NO WETLANDS ON THE PROPERTY PER 6/10/2003 SITE VISIT BY EXPLORATION RESEARCH, INC.
 - FOREST STAND DELINEATION WAS PERFORMED BY EXPLORATION RESEARCH ON AUGUST 5, 2002.
 - AREA OF PROPERTY: 10,554 sq. ft. ± (PER DECEMBER, 2002 SURVEY BY SHANABERGER & LANE)
 - THE SUBJECT PROPERTY IS ZONED R-SC PER THE 2/2/2004 COMPREHENSIVE ZONING PLAN.
 - EXISTING USE: VACANT RESIDENTIAL LOT
 - PROPOSED USE: 1 SINGLE FAMILY DETACHED RESIDENCE
 - FLOOR SPACE:
PROP. HOUSE: BSMT: 1271 S.F.
FIRST FLOOR: 1821 S.F.
SECOND FLOOR: 1821 S.F.
TOTAL: 4913 S.F.
 - BUILDING COVERAGE OF SITE: PROP. HOUSE - 17.25 %
 - THIS SITE IS EXEMPT FROM FOREST CONSERVATION REQUIREMENTS IN ACCORDANCE WITH SECTION 16.1202(b)(1)(i) IF THE HOWARD COUNTY CODE AND FOREST CONSERVATION MANUAL SINCE LOT 13 IS LESS THAN 40,000 SQ.FT. IN SIZE.
 - SITE ANALYSIS DATA CHART
A. TOTAL PROJECT AREA: 10,554 S.F. OR 0.2423 ACRES ±
B. LIMIT OF DISTURBED AREA: 7,459 S.F. OR 0.1712 AC. ±
C. PRESENT ZONING DESIGNATION: R-SC
D. EXISTING USE: VACANT PROPOSED USE: SINGLE FAMILY RESIDENTIAL
E. FLOOR SPACE: PROPOSED (TOTAL) 4913 S.F.
F. NUMBER OF PARKING SPACE REQUIRED: 2 (in garage)
G. OPEN SPACE: NONE
H. AREA OF RECREATIONAL OPEN SPACE: NONE
I. BUILDING COVERAGE: 17.25%
J. APPLICABLE DPZ FILE REFERENCES: F-89-95, F-04-46
 - THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL.
 - ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY WILL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
 - SHC ELEVATION SHOWN IS AT THE EDGE OF THE RIGHT-OF-WAY.
 - FOR DRIVEWAY ENTRANCE DETAILS, REFER TO THE HOWARD COUNTY DESIGN MANUAL, VOL. IV, STANDARD DETAIL R-6.06.
 - 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 3 FEET INTO THE FRONT OR REAR YARD SETBACK.
 - THERE ARE NO WETLANDS, WETLAND BUFFERS, STREAMS, STREAM BUFFERS, FOREST CONSERVATION EASEMENT AREAS, OR SLOPES OF 15% OR GREATER ON THIS SITE.
 - DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE & OCCUPANCY PERMIT FOR ANY NEW DWELLING TO INSURE SAFE ACCESS FOR FIRE & EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
* WIDTH: 12' (14' if serving more than one residence).
* SURFACE: 6" of compacted crusher run base w/tar & chip coating (1-1/2" min.).
* GEOMETRY: Max. 15% grade; max. 10% grade change; and min. 45' turning radius.
* STRUCTURES (culverts/bridges): capable of supporting 25 gross tons (H25 loading).
* DRAINAGE ELEMENTS: capable of safely passing 100-yr. flood with no more than 1 foot depth over driveway surface.
* MAINTENANCE: sufficient to insure all-weather use.
 - LANDSCAPING IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL SHALL BE PROVIDED AS SHOWN ON THE SITE PLAN. SURETY IN THE AMOUNT OF \$1,200.00 FOR 4 SHADE TREES ON LOT 13 SHALL BE POSTED WITH THE GRADING PERMIT.



LOT 7
THE CEDARS
(PLAT #10650)

LOT 12

LOT 8
THE CEDARS
(PLAT #11005)

LOT 13
10,554 S.F. ±

LOT 143
"PLEASANT CHASE"
SECTION ONE, PHASES 3 & 4,
LOTS 129-143, SHEET 4 OF 4,
(PLAT#11760)

ADDRESS CHART	
LOT NO.	STREET ADDRESS
LOT 13	8101 1/2 LINCOLN DRIVE

PERMIT CHART			
SUBDIVISION NAME	PLAT #	SECTION/AREA	LOT/PARCEL
THE CEDARS	17019		13 / 516
L/F PLAT #	GRID #	ZONE	TAX / ZONE MAP
3603/528	8	R-20	43
WATER CODE:		SEWER CODE:	

OWNERS:
DANIEL S. NEUMYER
PATTI A. NEUMYER
8203 LINCOLN DRIVE
JESSUP, MD 20794

BUILDER:
DANIEL S. NEUMYER
PATTI A. NEUMYER
8203 LINCOLN DRIVE
JESSUP, MD 20794

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
1	PLAN VIEW
2	GRADING, EROSION & SEDIMENT CONTROL PLAN & DETAILS
3	LANDSCAPE PLAN

EX. VEGETATIVE COMMUNITIES	
LAWN	GRASS, MULIFLORA ROSE AT REAR

DESIGNED	DRAWN	CHECKED	DATE
GSS	GSS	GSS	4/20/2006

SITE DEVELOPMENT PLAN
LOT 13, THE CEDARS
PROPERTY OF DANIEL & PATTI NEUMYER
TAX MAP 43, GRID 8, PARCEL 516
DEED REFERENCE: 3603/528
SIXTH ELECTION DISTRICT
SCALE: 1" = 30'
HOWARD COUNTY, MD.
APRIL 20, 2006

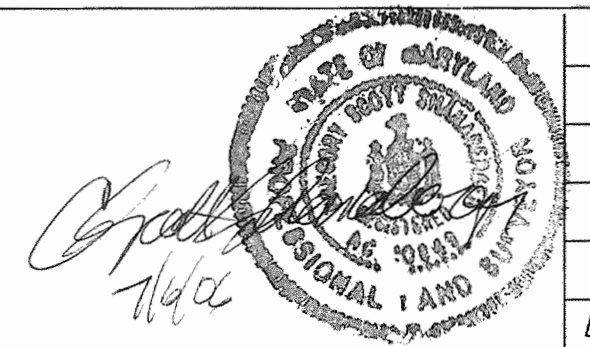
SCALE	DRAWING	JOB NO.	COUNTY FILE NO.'S
1"=30'			
SHEET			1
OF			3

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT

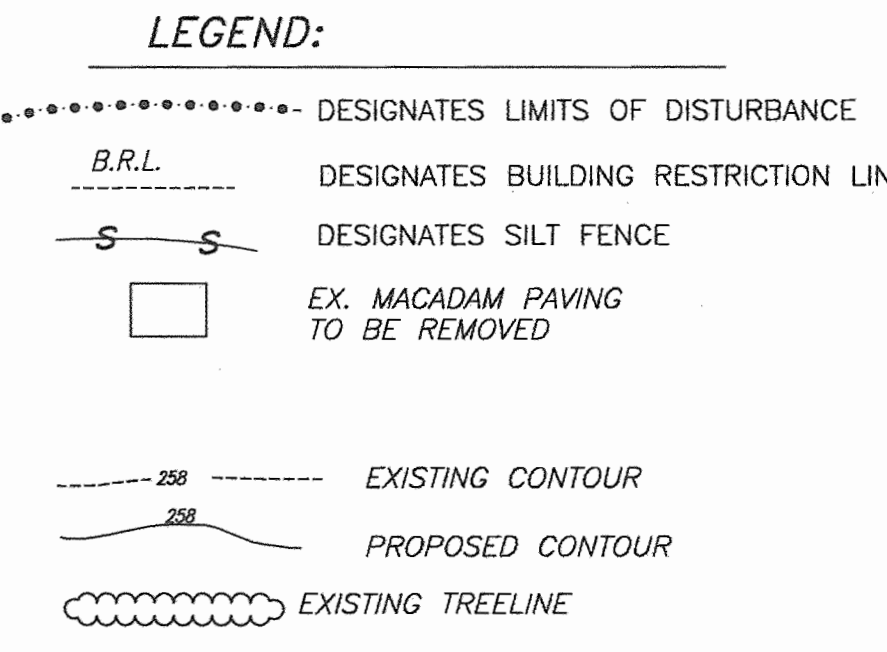
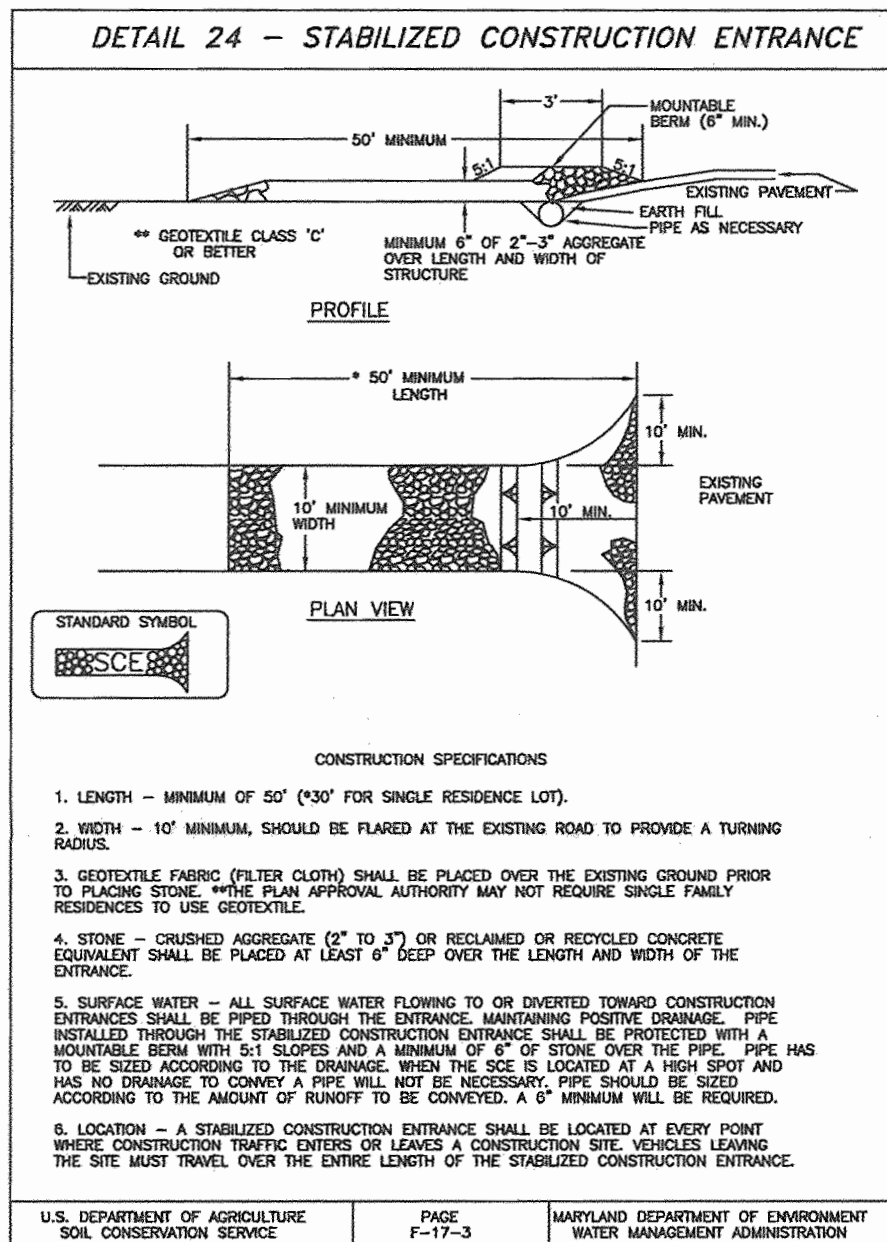
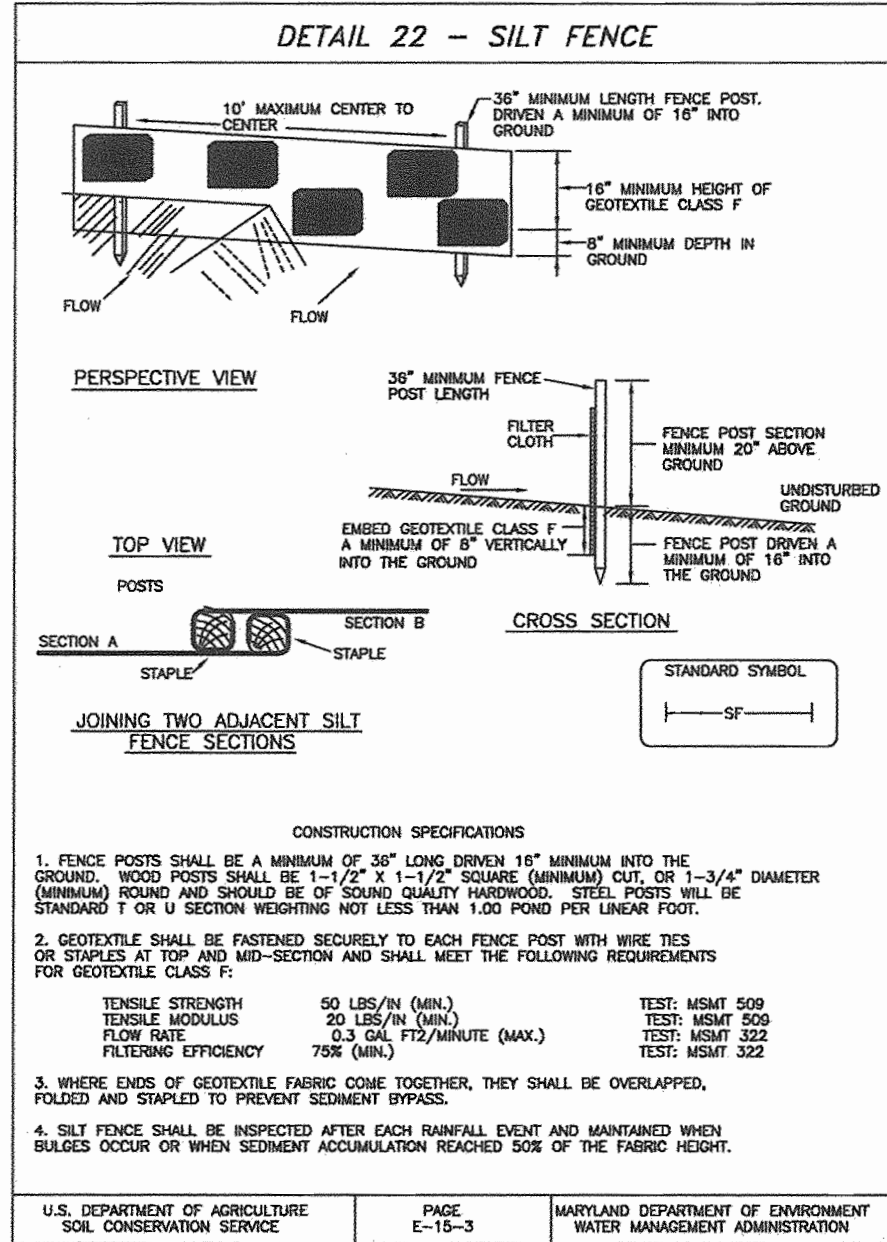
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

DATE: 10/4/06
DATE: 10/16/06
DATE: 10/17/06

SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
SUITE 201
ELLCOTT CITY, MD., 21043
(410)-461-9563



BY	NO.	REVISION	DATE
			4/20/2006



SEDIMENT CONTROL NOTES

- A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (313-1855).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF 2. DESIGNATED BUILDING RESTRICTION LINE SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THERETO.
- FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN:
 - 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1
 - 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETERS IN ACCORDANCE WITH VOL. 1, CHAPTER 7, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE, IN ACCORDANCE WITH THE 1984 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS, SOIL, TEMPORARY SEEDING AND MULCHING (SEC.6) TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- SITE ANALYSIS:

TOTAL AREA OF SITE	10,554 sq.ft.
AREA TO BE ROOFED OR PAVED	4,023 sq.ft.
AREA TO BE VEGETATIVELY STABILIZED	5,347 sq.ft.
TOTAL CUT	414 c.y.
TOTAL FILL	125 c.y.

 OFFSITE WASTE/BORROW AREA LOCATION..... site with an approved and active grading permit
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY DPW SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON THE COMPLETION OF THE 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.
- TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH SHALL BE BACKFILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.
- THE TOTAL AMOUNT OF SILT FENCE = 244 L.F.

PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: LOOSEN UPPER 3 INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: APPLY ONE OF THE FOLLOWING SCHEDULES:

- PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./SQUARE FEET) AND 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQUARE FEET) BEFORE SEEDING, HARROW OR DISC INTO UPPER THREE INCHES OF SOIL; AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 30-0-0 UREAFORM FERTILIZER (91 LBS./1000 SQUARE FEET)
- ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1000 SQUARE FEET) AND 1000 LBS. PER ACRE 10-10-10 FERTILIZER (23 LBS./1000 SQUARE FEET) BEFORE SEEDING, HARROW OR DISC INTO UPPER THREE INCHES OF SOIL.

SEEDING: FOR THE PERIODS MARCH 1 THRU APRIL 30, AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 2 1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS./1000 SQUARE FEET) FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS. PER ACRE OF WEEPING LOVEGRASS (.07 LBS./1000 SQUARE FEET) FOR THE PERIOD NOVEMBER 1 THRU FEBRUARY 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 SQUARE FEET) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING, ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL 218 GALLONS PER ACRE (5 GAL./1000 SQUARE FEET) OF EMULSIFIED ASPHALT FLAT AREAS, ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL./1000 SQUARE FEET) FOR ANCHORING.

MAINTENANCE: INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS DISCING OR OTHER 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 3 INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: APPLY 600 LBS./ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQUARE FEET).

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 15 THRU OCTOBER 15, SEED WITH 2-1/2 BUSHELS PER ACRE OF ANNUAL RYE (3.2 LBS./1000 SQUARE FEET); FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS. PER ACRE OF WEEPING LOVEGRASS (.07 LBS./1000 SQUARE FEET); FOR THE PERIOD NOVEMBER 15 THRU FEBRUARY 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 SQUARE FEET) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING, ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL 218 GALLONS PER ACRE (5 GAL./1000 SQUARE FEET) OF EMULSIFIED ASPHALT ON FLAT AREAS ON SLOPES 8 FT. OR HIGHER, USE 348 GAL. PER ACRE (8 GAL./1000 SQUARE FEET) FOR ANCHORING.

PLACEMENT OF TOPSOIL OVER A PREPARED SUBSOIL PRIOR TO ESTABLISHMENT OF PERMANENT VEGETATION.

PURPOSE TO PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETABLE GROWTH. SOILS OF CONCERN HAVE LOW MOISTURE CONTENT, LOW NUTRIENT LEVELS, LOW PH, MATERIALS TOXIC TO PLANTS, AND/OR UNACCEPTABLE SOIL GRADATION.

CONDITIONS WHERE PRACTICE APPLIES

- THIS PRACTICE IS LIMITED TO AREAS HAVING 2:1 OR FLATTER SLOPES WHERE:
 - THE TEXTURE OF THE EXPOSED SUBSOIL/PARENT MATERIAL IS NOT ADEQUATE TO PRODUCE VEGETATIVE GROWTH.
 - THE SOIL MATERIAL IS SO SHALLOW THAT THE ROOTING ZONE IS NOT DEEP ENOUGH TO SUPPORT PLANTS OR FURNISH CONTINUING SUPPLIES OF MOISTURE AND PLANT NUTRIENTS.
 - THE ORIGINAL SOIL TO BE VEGETATED CONTAINS MATERIAL TOXIC TO PLANT GROWTH.
 - THE SOIL IS SO ACIDIC THAT TREATMENT WITH LIMESTONE IS NOT FEASIBLE.
- FOR THE PURPOSE OF THESE STANDARDS AND SPECIFICATIONS, AREAS HAVING SLOPES STEEPER THAN 2:1 REQUIRE SPECIAL CONSIDERATION AND DESIGN FOR ADEQUATE STABILIZATION. AREAS HAVING SLOPES STEEPER THAN 2:1 SHALL HAVE THE APPROPRIATE STABILIZATION SHOWN ON THE PLANS.

CONSTRUCTION AND MATERIAL SPECIFICATIONS

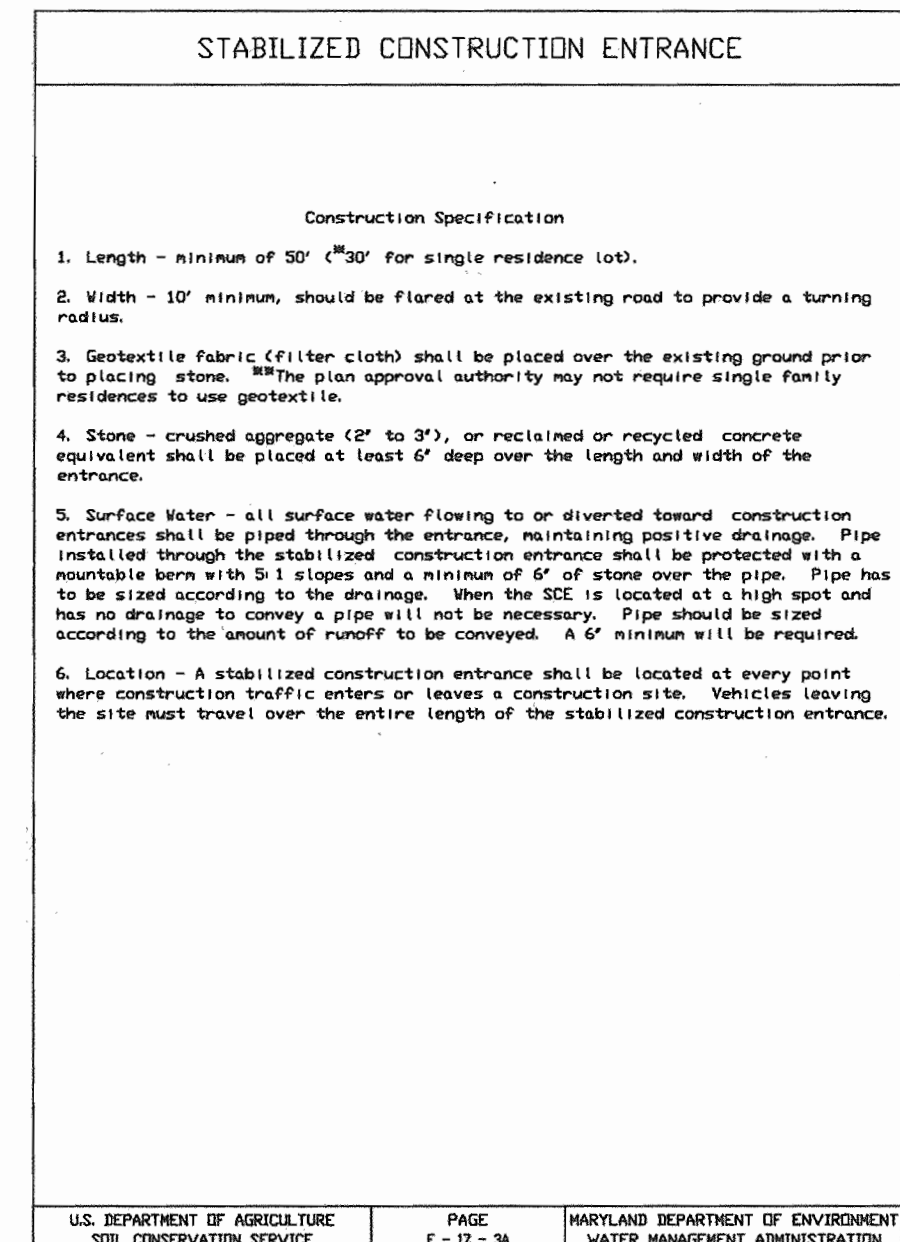
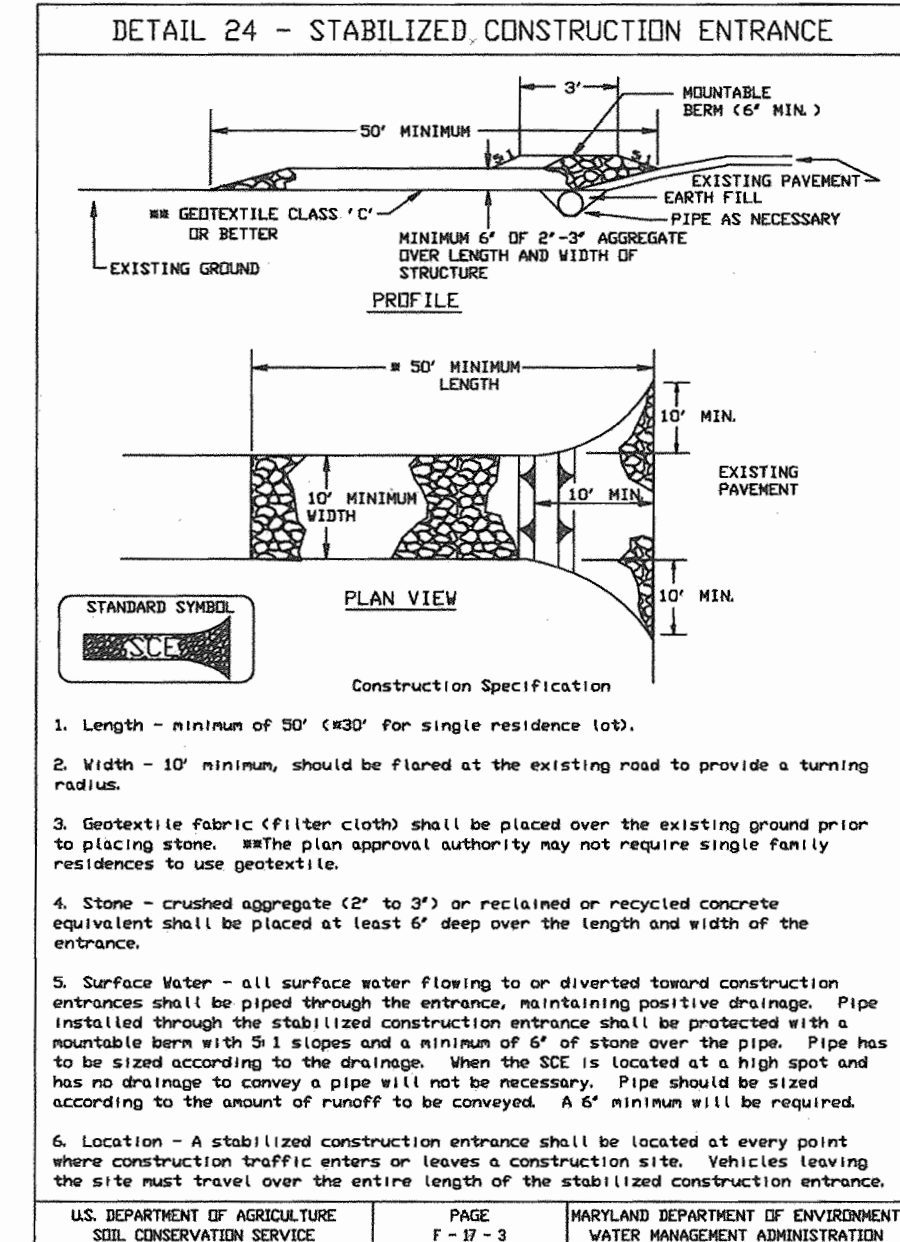
- TOPSOIL SALVAGED FROM THE EXISTING SITE MAY BE USED PROVIDED THAT IT MEETS THE STANDARDS AS SET FORTH IN THESE SPECIFICATIONS. TYPICALLY, THE DEPTH OF TOPSOIL TO BE SALVAGED FOR A GIVEN SOIL TYPE CAN BE FOUND IN THE REPRESENTATIVE SOIL PROFILE SECTION IN THE SOIL SURVEY PUBLISHED BY USDA-SCS IN COOPERATION WITH MARYLAND AGRICULTURAL EXPERIMENTAL STATION.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING/ZONING

Chief, Development Engineering Division: *[Signature]* 10/4/06

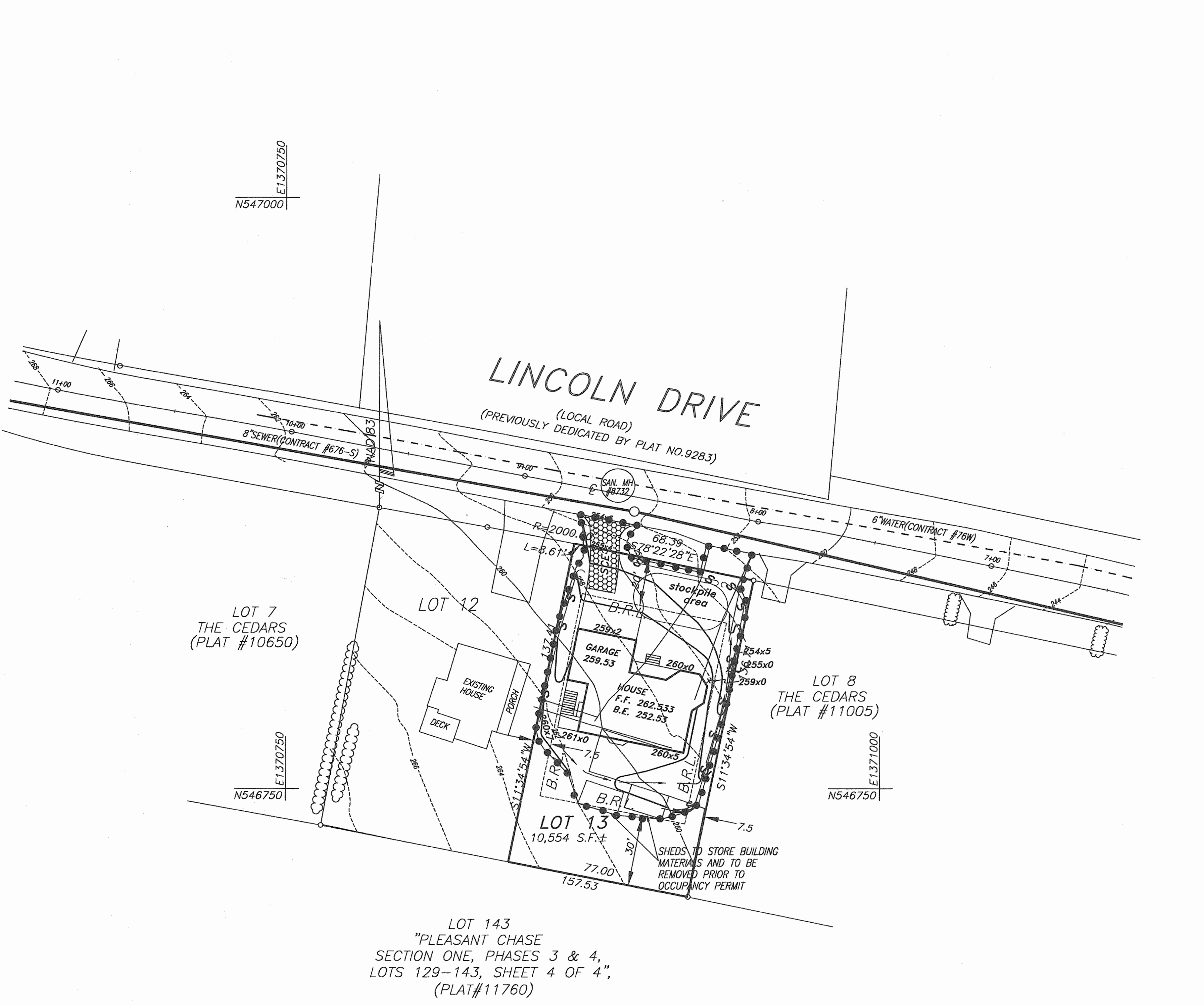
Chief, Division of Land Development: *[Signature]* 10/16/06

Director: *[Signature]* 10/16/06



TOPSOIL SPECIFICATIONS - SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLLOWING:

- TOPSOIL SHALL BE A LOAM, SANDY LOAM, CLAY LOAM, LOAMY SAND, OTHER SOILS MAY BE USED IF RECOMMENDED BY AN AGRONOMIST OR A SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY. REGARDLESS, TOPSOIL SHALL NOT BE A MIXTURE OF CONTRASTING TEXTURED SUBSOILS AND SHALL CONTAIN LESS THAN 5% BY VOLUME OF CHINDERS, STONES, SLAG, COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS, TRASH, OR OTHER MATERIALS LARGER THAN 1 AND 1/2" IN DIAMETER.
- TOPSOIL MUST BE FREE OF PLANTS OR PLANT PARTS SUCH AS BERMUDA GRASS, QUACKGRASS, JOHNSONGRASS, NUTSEDGE, POISON IVY, THISTLE, OR OTHERS AS SPECIFIED.
- WHERE THE SUBSOIL IS EITHER HIGHLY ACIDIC OR COMPOSED OF HEAVY CLAYS, GROUND LIMESTONE SHALL BE SPREAD AT THE RATE OF 4-8 TONS/ACRE (200-400 POUNDS PER 1000 SQUARE FEET) PRIOR TO THE PLACEMENT OF TOPSOIL. LIME SHALL BE DISTRIBUTED UNIFORMLY OVER DESIGNATED AREAS AND WORKED INTO THE SOIL IN CONJUNCTION WITH TILLAGE OPERATIONS AS DESCRIBED IN THE FOLLOWING PROCEDURES.
- FOR SITES HAVING DISTURBED AREAS UNDER 5 ACRES:
 - PLACE TOPSOIL (IF REQUIRED) AND APPLY SOIL AMENDMENTS AS SPECIFIED IN 20.0 VEGETATIVE STABILIZATION - SECTION I - VEGETATIVE STABILIZATION METHODS AND MATERIALS.
 - TOPSOIL APPLICATION
 - WHEN TOPSOILING, MAINTAIN NEEDED EROSION AND SEDIMENT CONTROL PRACTICES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, EARTH DIKES, SLOPE SILT FENCE AND SEDIMENT TRAPS AND BASINS.
 - GRADES ON THE AREAS TO BE TOPSOILED, WHICH HAVE PREVIOUSLY BEEN ESTABLISHED, SHALL BE MAINTAINED, ALBEIT 4"-8" HIGHER IN ELEVATION.
 - TOPSOIL SHALL BE UNIFORMLY DISTRIBUTED IN A 4"-8" LAYER AND LIGHTLY COMPACTED TO A MINIMUM THICKNESS OF 4". SPREADING SHALL BE PERFORMED IN SUCH A MANNER THAT SOODING OR SEEDING CAN PROCEED WITH A MINIMUM OF ADDITIONAL SOIL PREPARATION AND TILLAGE. ANY IRREGULARITIES IN THE SURFACE RESULTING FROM TOPSOILING OR OTHER OPERATIONS SHALL BE CORRECTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER POCKETS.
 - TOPSOIL SHALL NOT BE PLACED WHILE THE TOPSOIL OR SUBSOIL IS IN A FROZEN OR MUDDY CONDITION, WHEN THE SUBSOIL IS EXCESSIVELY WET OR IN A CONDITION THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING AND SEEDBED PREPARATION.



DESIGNED	GSS
DRAWN	GSS
CHECKED	GSS
DATE	4/20/2006

GRADING, SEDIMENT & EROSION CONTROL PLAN
 LOT 13, THE CEDARS
 PROPERTY OF DANIEL & PATTI NEUMYER
 TAX MAP 43, GRID 8, PARCEL 516
 DEED REFERENCE: 3603/528
 SIXTH ELECTION DISTRICT
 SCALE: 1" = 30'

OWNERS & DEVELOPERS:
 DANIEL S. NEUMYER
 PATTI A. NEUMYER
 8203 LINCOLN DRIVE
 JESSUP, MD 20794

DEVELOPERS CERTIFICATE
 I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.

G. SCOTT SHANABERGER
 PROFESSIONAL L.S. #10849
 DATE: 4/20/06

SCALE 1"=30'
 SHEET 2 OF 3

REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS

Jim Meyer 10/12/06
 NATURAL RESOURCES COMMISSION SERVICES DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY DEPARTMENT OF PLANNING/ZONING

SHANABERGER & LANE
 8726 TOWN & COUNTRY BLVD.
 SUITE 201
 ELLICOTT CITY, MD., 21043
 (410)-461-9563

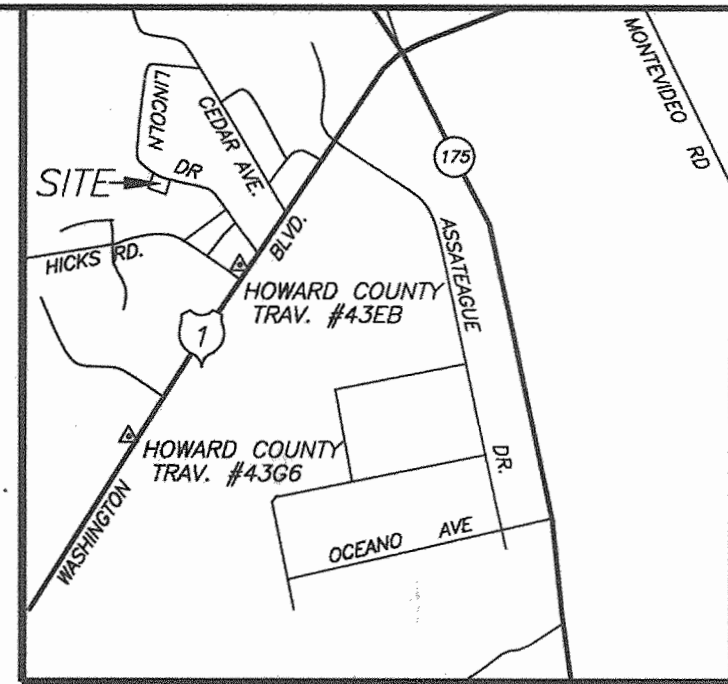
BY	NO.	REVISION	DATE

DESIGNED	GSS	DATE	4/20/2006
DRAWN	GSS		
CHECKED	GSS		
DATE			

HOWARD COUNTY DEPARTMENT OF NATURAL RESOURCES
 SOIL CONSERVATION DISTRICT
 10120 WOODBURN ROAD
 GREENBELT, MD 20818
 TEL: 410-326-7200
 FAX: 410-326-7201
 WWW.HOWARDSCD.COM

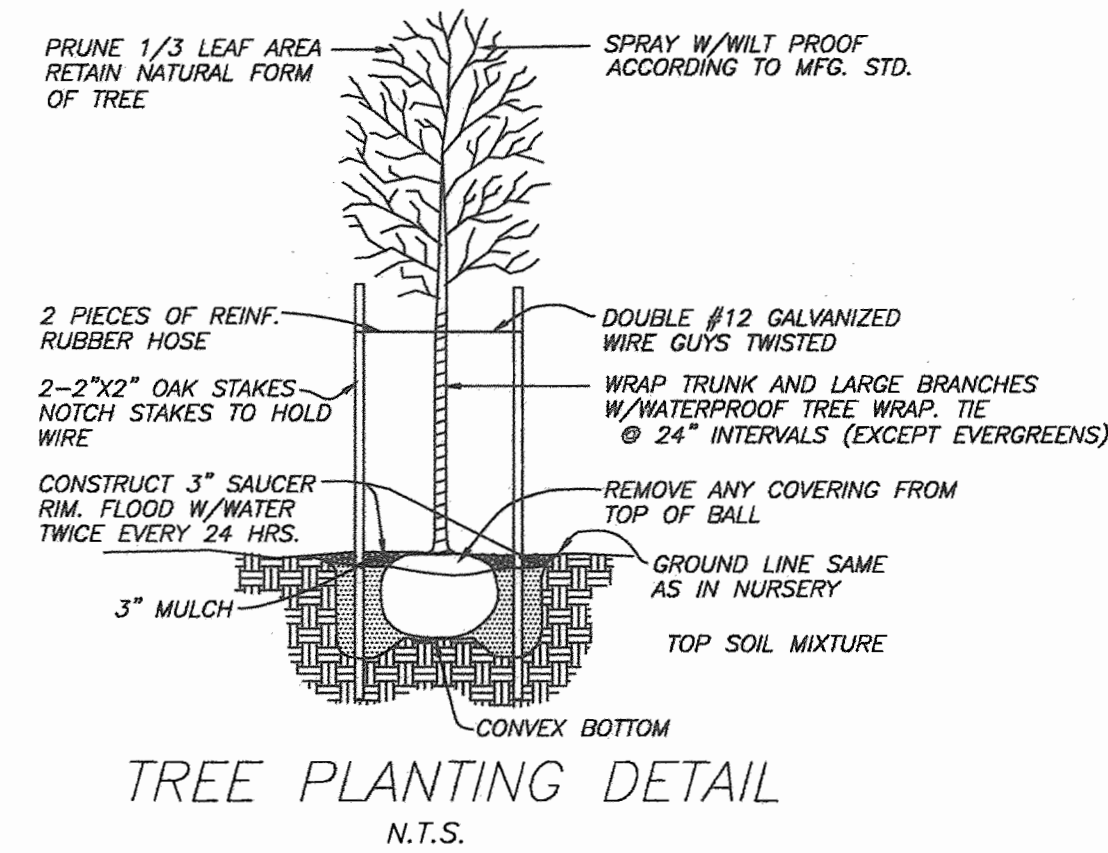
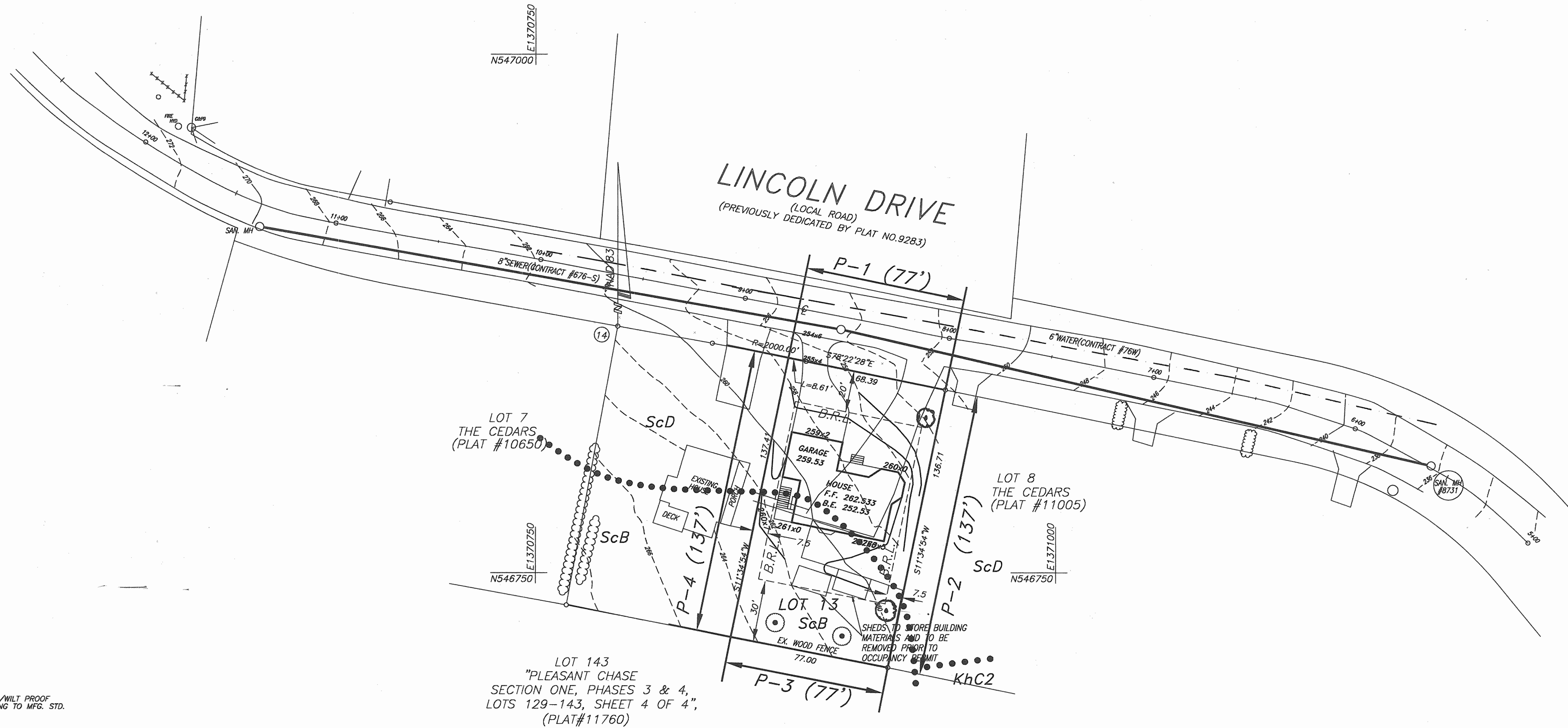
- NOTES:**
1. THE PROPERTY IS ZONED : R-SC
 2. THE TOPOGRAPHY SHOWN HEREON WAS FIELD-RUN BY SHANABERGER & LANE IN DECEMBER OF 2002.
 3. THIS PROPERTY IS SERVED BY EXISTING PUBLIC WATER AND SEWER.
 4. EXISTING HOUSE SHOWN HEREON HAS BEEN FIELD-LOCATED.
 5. AREA OF PROPERTY : 21,799 SF±(SURVEYED)

SOIL TYPES			
NAME	HYDRIC	HYDRIC INCLUSIONS	SLOPES < 15% WITH HIGH EROSION POTENTIAL
ScB	NO		
ScD	NO		



VICINITY MAP
SCALE: 1"=2000'

- LEGEND**
- EX. MACADAM PAVING TO REMAIN
 - EX. PAVING TO BE REMOVED
 - TW=TOP WALL
 - BW=BOTTOM WALL
 - TBR=TO BE REMOVED
 - PROPOSED TREELINE
 - EXISTING TREELINE



SCHEDULE A
PERIMETER LANDSCAPE EDGE

CATEGORY	P-1	P-2	P-3	P-4
LANDSCAPE TYPE	NONE	A	A	N/A
LINEAR FEET OF ROADWAY FRONTAGE/PERIMETER	77'	137'	77'	137'
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	-	NO	NO	-
CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	-	NO	NO	-
NUMBER OF PLANTS REQUIRED				
SHADE TREES	-	2	2	-
EVERGREEN TREES	-	0	0	-
SHRUBS	-	0	0	-
NUMBER OF PLANTS PROVIDED				
SHADE TREES	-	2	2	-
EVERGREEN TREES	-	0	0	-
OTHER TREES(2:1 SUBSTITUTION)	-	0	0	-
SHRUBS(10:1 SUBSTITUTION)	-	0	0	-
(DESCRIBE PLANT SUBSTITUTION CREDITS BELOW IF NEEDED)				

I 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 LANDSCAPING MANUAL. I FURTHER CERTIFY THAT UPON COMPLETION A CERTIFICATE OF LANDSCAPE INSTALLATION ACCOMPANIED BY AN EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

OWNER:
Daniel S. Neumyer
DANIEL S. NEUMYER
DATE: 5-22-06

Sayed A. Saadat
SAYED A. SAADAT
DATE: 5/4/06

PLANT LIST

NAME	SIZE	SPACING	QUANTITY	LOCATION
ACER RUBRUM "OCTOBER GLORY"	2-1/2" TO 3" CAL.	SEE PLAN	4	⊙
ACER RUBRUM "OCTOBER GLORY"				
ACER RUBRUM "OCTOBER GLORY"				

LANDSCAPE PLAN
LOT 13, THE CEDARS
A RESUBDIVISION OF LOT 2, PLAT #9283
PROPERTY OF DANIEL & PATTI NEUMYER
TAX MAP 43, GRID 8, PARCEL 516
DEED REFERENCE: 3603/528

SIXTH ELECTION DISTRICT
SCALE: 1" = 30'

HOWARD COUNTY, MD.
APRIL 20, 2006

SCALE 1"=30'
DRAWING 0237SDP3.dwg
JOB NO. 02-37
COUNTY FILE NO.'S F-89-95 F-04-46

SHEET 3 OF 3

APPROVED FOR PUBLIC WATER AND PUBLIC SEWAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER _____ DATE _____

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

[Signature] 10/4/06
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

[Signature] 10/16/06
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

[Signature] 11/2/06
DIRECTOR DATE

OWNERS:
DANIEL S. NEUMYER
PATTI A. NEUMYER
8203 LINCOLN DRIVE
JESSUP, MD 20794

SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
SUITE 201
ELLCOTT CITY, MD, 21043
(410)-481-9563