

GENERAL NOTES

- THE CONTRACTOR IS TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK ON THESE DRAWINGS:
 MISS UTILITY: 1-800-257-7777
 VERIZON TELEPHONE: 725-9976
 HOWARD COUNTY BUREAU OF UTILITIES: 313-2366
 AT&T CABLE LOCATION DIVISION: 393-3553
 B.G.&E. CO. CONTRACTOR SERVICES: 850-4620
 B.G.&E. CO. UNDERGROUND DAMAGE CONTROL: 787-4620
 STATE HIGHWAY ADMINISTRATION: 531-5533
- SITE ANALYSIS:
 TOTAL AREA OF SITE: 4.01 AC.
 NET AREA OF PROJECT: 3.47 AC.
 PRESENT ZONING: R-SC
 LIMIT OF DISTURBANCE: 1.86 AC
 PROPOSED USE OF SITE: SINGLE FAMILY DETACHED DWELLINGS
 AREA OF BUILDABLE LOTS: 1.85988 AC.
 NUMBER OF BUILDABLE LOTS: 9
 BUILDABLE LOTS: LOT 1 TO LOT 9
 AREA OF OPEN SPACE REQUIRED: 40% OR 1.00 AC.
 AREA OF CREDITED OPEN SPACE PROVIDED: 1.78 AC.
 AREA OF NON-CREDITED OPEN SPACE: 0.224 AC.
 TOTAL AREA OF OPEN SPACE PROVIDED: 2.02 AC.
- PROJECT BACKGROUND:
 LOCATION: TAX MAP 24, PARCEL 821 GRID 11
 ZONING: R-SC
 DEED REFERENCE: S-00-09, P-05-010, WP-00-110, F-06-182, S-96-12, WP-96-84
 DPZ REFERENCES: S-00-09, P-05-010, WP-00-110, F-06-182, S-96-12, WP-96-84
- ALL ASPECTS OF THE PROJECT ARE IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS UNLESS WAIVERS HAVE BEEN APPROVED.
- 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 ANY EXCAVATION WORK BEING DONE.
- TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
- THE PROJECT BOUNDARY IS BASED ON A FIELD RUN BOUNDARY SURVEY PERFORMED BY FREDERICK WARD ASSOCIATES, DATED JANUARY 2004.
- THE TOPOGRAPHY SHOWN HEREON IS BASED ON A TOPOGRAPHIC SURVEY PERFORMED BY ROBERT H. VOGEL ENGINEERING, INC., DATED OCTOBER 2004.
- COORDINATE DATUM IS BASED ON THE MARYLAND COORDINATE SYSTEM (NAD 83) AS PROJECTED BY THE FOLLOWING HOWARD COUNTY GEODETIC CONTROL STATIONS: 28A1 & 28AC.
- WATER AND SEWER FOR THIS PROJECT WILL BE PUBLIC AND PROVIDED THROUGH CONTRACT NO. 14-4325-D
- THIS SITE WILL UTILIZE GRASS CHANNEL, RAINGARDENS AND NATURAL AREA CONSERVATION CREDITS TO PROVIDE THE REQUIRED WQV AND FOR STORMWATER MANAGEMENT. THE C/P IS NOT REQUIRED FOR THIS SITE SINCE THE 1-YR STORM EVENT IS LESS THAN 2 CFS. STORMWATER MANAGEMENT IS REQUIRED AND PROVIDED FOR THE 1 YEAR, 10 YEAR AND 100 YEAR STORM EVENT. THE FACILITY IS A DETENTION FACILITY AND IS TO BE PRIVATELY OWNED AND MAINTAINED.
- STORMWATER MANAGEMENT SOIL BORINGS FOR THIS SITE ARE BASED ON A GEOTECHNICAL ANALYSIS PREPARED BY ECS, LTD., DATED SEP. 16, 2004.
- FOREST STAND DELINEATION PLAN APPROVED UNDER S-00-09.
- THE FOREST CONSERVATION OBLIGATION FOR THIS PLAN AND SUBDIVISION WAS FULFILLED BY F-06-182, BY PROVIDING A 0.93 AC. ON-SITE RETENTION FCE AND A FEE-IN-LIEU PAYMENT OF \$10,454.40 FOR THE REMAINING 0.48 AC. OF REQUIRED REFORESTATION.
- THE TRAFFIC STUDY FOR THIS PROJECT WAS PREPARED BY THE TRAFFIC GROUP, DATED FEBRUARY 24, 2000, AND WAS APPROVED ON JULY 6, 2000.
- ALL REQUIRED STREET TREES AND REQUIRED LANDSCAPING FOR THIS SUBDIVISION AND THIS PLAN WERE PROVIDED BY F-06-182, AND THE STREET TREE/LANDSCAPE SURETY WAS POSTED AS A PART OF THE F-06-182, DEVELOPER'S AGREEMENT.
- TREE PROTECTION FENCING WILL BE PROVIDED AT THE LIMITS OF DISTURBANCE WHERE GRADING IS ADJACENT TO FOREST CONSERVATION RETENTION AREAS.
- STREET LIGHTING HAS BEEN PROVIDED FOR THE PUBLIC ROAD IN ACCORDANCE WITH SECTION 16.135 OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND THE DESIGN MANUAL. A MINIMUM OF 20' SHALL BE MAINTAINED BETWEEN ANY STREET LIGHT AND ANY TREE.
- SEDIMENT AND EROSION CONTROL HAS BEEN PROVIDED FOR THIS SITE.
- THIS PROPERTY IS WITHIN THE METROPOLITAN DISTRICT.
- TO THE BEST OF THE OWNERS KNOWLEDGE, THERE ARE NO BURIAL/CEMETERY LOCATIONS ON SITE.
- OPEN SPACE LOT 10 TO BE OWNED AND MAINTAINED BY THE HOMEOWNERS ASSOCIATIONS AND INCLUDES A SWMF. OPEN SPACE LOT 11 TO BE OWNED AND MAINTAINED BY HOWARD COUNTY DEPARTMENT OF RECREATION AND PARKS.
- STREAMS SHOWN ON-SITE ARE BASED ON A FIELD INVESTIGATION PREPARED BY ROBERT H. VOGEL ENGINEERING, INC., DATED OCTOBER 2004.
- RAIN GARDEN SURETY TO BE PROVIDED WITH THE DPW DEVELOPER'S AGREEMENT. DIRECT ROOF LEADERS AND SWALES TO RAIN GARDENS.
- ALL DRIVEWAYS PER HO. CO. DETAIL R - 6.0.
- THE 100-YR FLOODPLAIN DRAINAGE AND UTILITY EASEMENT SHOWN ON-SITE IS BASED ON THE TIBER/HUDSON FLOODPLAIN STUDY, HOWARD COUNTY CAPITAL PROJECT NO. C-4-0119.
- STEEP SLOPES HAVE BEEN DELINEATED IN ACCORDANCE WITH THE 5TH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.
- THERE ARE NO HISTORIC SITES ON THE SUBJECT PARCEL.
- THIS PLAN IS SUBJECT TO COMPLIANCE WITH THE AMENDED FIFTH EDITION OF THE SUBDIVISION REGULATIONS AND COUNCIL BILL 50-2001 WHICH AMENDS PORTIONS OF THE ZONING REGULATIONS. DEVELOPMENT OR CONSTRUCTION OF THESE LOTS MUST COMPLY WITH SETBACK AND BUFFER REGULATIONS IN EFFECT AT THE TIME OF SUBMISSION OF THE SITE DEVELOPMENT PLAN, OR BUILDING/GRADING PERMIT.
- THERE ARE NO EXISTING STRUCTURES ON-SITE.
- FOR FLAG OR PIPE STEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPE STEM AND THE ROAD RIGHT-OF-WAY ONLY AND NOT ONTO THE FLAG OR PIPE STEM DRIVEWAY.
- DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS TO ENSURE SAFE ACCESS FOR FIRE EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
 A. WIDTH - 12' (16' FOR SERVING MORE THAN ONE RESIDENCE)
 B. SURFACE - 6" OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING (1-1/2" MIN)
 C. GEOMETRY - MAX 14% GRADE, MAX 10% GRADE CHANGE, AND MIN 45' 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 OF DEPTH OVER DRIVEWAY SURFACE
 F. 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 REAR YARD SETBACK.
- THE FIRST FLOOR ELEVATION CANNOT BE MORE THAN 1' HIGHER OR 0.2' LOWER THAN THE ELEVATIONS SHOWN ON THIS PLAN. THE FOUNDATION FOOTPRINT MUST BE WITHIN THE GENERIC BLOCK.
- BASED ON THE FIELD SURVEY OF THE SITE, NO WELLS OR SEPTIC SYSTEM WERE FOUND. SHOULD ANY WELLS AND/OR SEPTIC SYSTEMS BE ENCOUNTERED DURING GRADING PROCEDURES THE CONTRACTOR IS TO NOTIFY THE HEALTH DEPARTMENT OF PROPER ABANDONMENT PROCEDURES.

SITE DEVELOPMENT PLAN

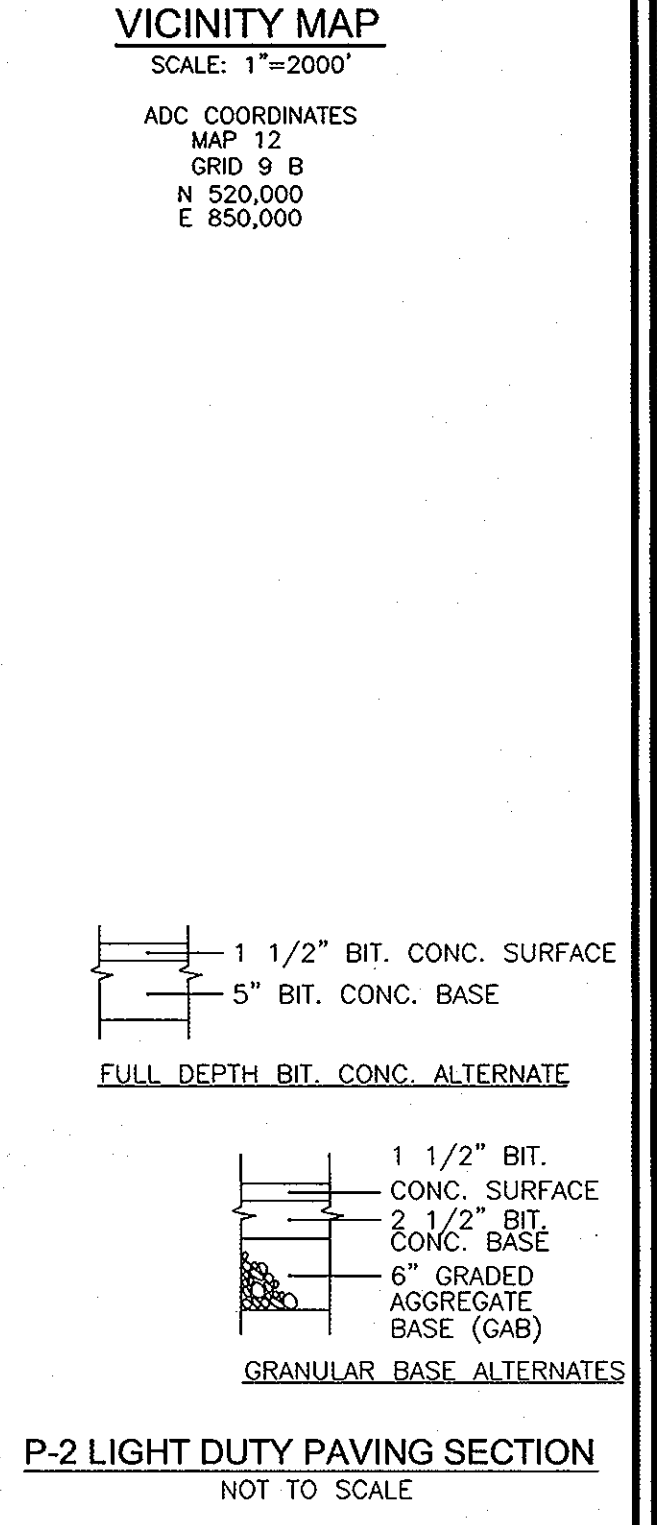
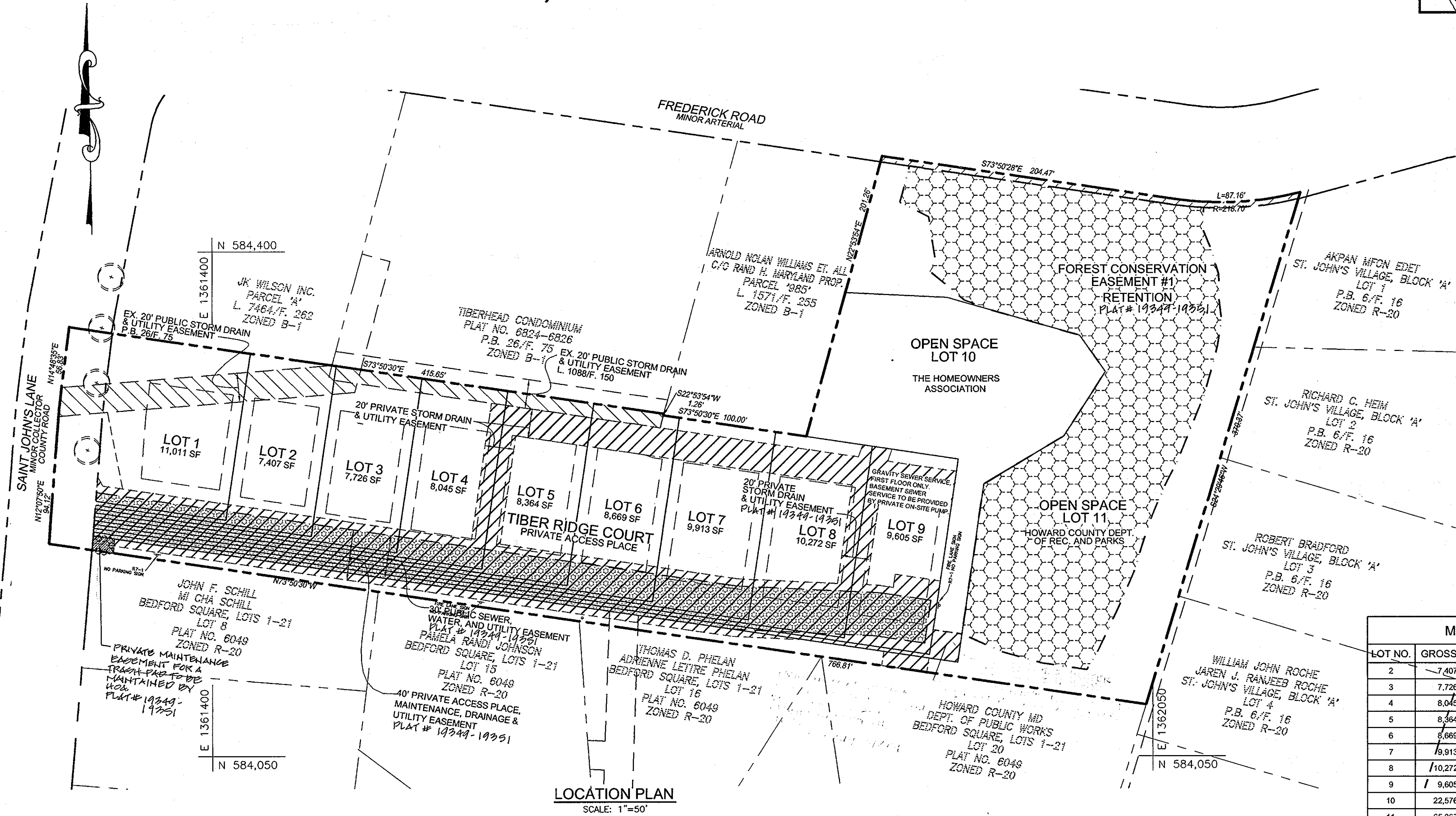
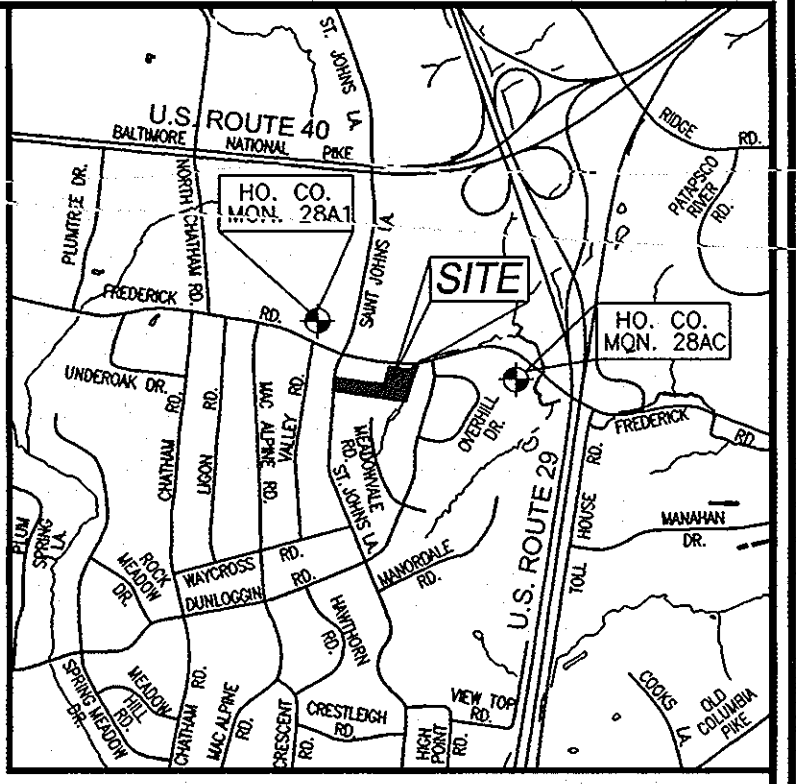
TIBER RIDGE

LOTS 1 - 9

HOWARD COUNTY, MARYLAND

BENCHMARKS		
NO.	NORTHING	EASTING
28A1	576723.51	1314261.60
28AC	578041.90	1314261.60

SHEET INDEX		
DESCRIPTION	SHEET NO.	
COVER SHEET	1	
SITE LAYOUT PLAN	2	
SEDIMENT AND EROSION CONTROL NOTES AND DETAILS	3	
HOUSE TYPES	4	



MINIMUM LOT SIZE CHART			
LOT NO.	GROSS AREA	PIPESTEM AREA	MINIMUM LOT SIZE
1	11,011 SF	242 SF	7,165 SF
2	7,407 SF	401 SF	7,325 SF
3	7,726 SF	960 SF	7,485 SF
4	8,045 SF	720 SF	7,644 SF
5	8,364 SF	879 SF	7,790 SF
6	8,669 SF	1,038 SF	8,875 SF
7	8,913 SF	1,217 SF	9,055 SF
8	9,605 SF	1,539 SF	9,208 SF
9	10,272 SF	2,037 SF	9,539 SF
10	22,576 SF	6,038 SF	59,329 SF
11	65,367 SF		

ADDRESS CHART		
LOT NO.	STREET	ADDRESS
1	TIBER RIDGE CT.	9096
2	TIBER RIDGE CT.	9094
3	TIBER RIDGE CT.	9092
4	TIBER RIDGE CT.	9090
5	TIBER RIDGE CT.	9088
6	TIBER RIDGE CT.	9086
7	TIBER RIDGE CT.	9084
8	TIBER RIDGE CT.	9082
9	TIBER RIDGE CT.	9080

PERMIT INFORMATION CHART					
PROJECT NAME	SECTION/AREA	LOT/PARCEL			
TIBER RIDGE	N/A	LOT 1-9			
PLAT REF: 19349-19351	BLOCK NO: 11	ZONE: R-SC	TAX MAP: 24	ELECT DIST: 2ND	CENSUS TR: 602306
WATER CODE: F08		SEWER CODE: 1402800			

- WP-00-110: A WAIVER PETITION HAS BEEN SUBMITTED AND APPROVED, DATED JULY 6, 2000, TO WAIVE SECTION 16.121(e)(1) TO PERMIT THE REQUIRED 40 FEET OF OPEN SPACE LOT FRONTAGE ON A PUBLIC ROAD WHICH IS SUITABLE FOR ACCESS BY PEDESTRIANS AND MAINTENANCE VEHICLES TO BE REDUCED TO ZERO FEET. APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:
 1. PEDESTRIAN AND MAINTENANCE VEHICLE ACCESS TO OPEN SPACE LOTS 10 & 11 SHALL BE PROVIDED BY A 24' ACCESS EASEMENT WITH A 14' ROADWAY AND THE 20' SWMF AND OPEN SPACE ACCESS EASEMENT ON LOTS 1-9.
 2. COMPLIANCE WITH THE DFRS COMMENTS OF 6/19/00.
- THE SINGLE RAIN GARDEN PREPARED ON THE REAR OF LOTS 1-8 ARE DESIGNED TO ACCOMMODATE UP TO 1,000 SF OF CONTRIBUTING ROOF AREA. THE RAIN LEADERS MUST BE CONNECTED AND DISCHARGED TO THE RAIN GARDEN. THE REAR PORTION OF THE HOUSE MODELS PROPOSED UNDER THIS SDP DO NOT EXCEED 1,000 SF. IF A NEW HOUSE MODEL EXCEED 1,000 SF REAR ROOF AREA, A SECOND RAIN GARDEN WILL BE REQUIRED.
- SEDIMENT CONTROLS INSTALLED UNDER F-06-182 TO REMAIN IN PLACE FOR SDP-07-086.
- ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
- FOR OUTSIDE WATER METER SETTING WILL BE LOCATED 4' BEHIND THE EASEMENT LINE. SEE HO. CO. DETAIL W 3.33.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 [Signature]
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
 [Signature]
 CHIEF, DIVISION OF LAND DEVELOPMENT
 [Signature]
 DIRECTOR

BY THE ENGINEER
 I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 [Signature]
 SIGNATURE OF ENGINEER
 ROBERT H. VOGEL, PE
 DATE: 9/26/07

BY THE DEVELOPER
 I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE IN ACCORDANCE TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.
 [Signature]
 WILLIAMSBURG GROUP
 ROBERT R. CORBETT
 DATE: 9-27-07

THESE PLANS HAVE BEEN REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.
 [Signature]
 USA - NATURAL RESOURCES CONSERVATION SERVICE
 DATE: 10-4-07
 THESE PLANS FOR SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD COUNTY CONSERVATION DISTRICT.
 [Signature]
 HOWARD SCD
 DATE: 10-4-07

OWNER / DEVELOPER
 WILLIAMSBURG GROUP
 5485 HARRERS FARM ROAD, SUITE 200
 COLUMBIA, MARYLAND 21044
 (410) 997-8800

NO.	REVISION	DATE
1	REVISE BOX A, D, E, F; ADD & REVISE HOUSE MODELS	3-20-08

COVER SHEET
 SITE DEVELOPMENT PLAN
TIBER RIDGE
 LOTS 1-9
 TAX MAP 24 BLOCK 11 PARCEL 821
 2ND 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: RHV/MY
 DRAWN BY: MY
 CHECKED BY: RHV
 DATE: 02-27-2007
 SCALE: AS SHOWN
 W.O. NO.: 04-84.00
 2019134.00

DPZ REF:
 S-00-09, WP-00-110,
 P-05-10

1 SHEET OF 4



LEGEND:

- 202--- EXISTING 2 FT CONTOUR
- 200--- EXISTING 10 FT CONTOUR
- 200--- PROPOSED 2 FT CONTOUR
- 200--- PROPOSED 10 FT CONTOUR
- SSF--- SUPER SILT FENCE
- LOD--- LIMIT OF DISTURBANCE
- EARTH DIKE
- EXISTING STREET LIGHT
- EXISTING STREET TREE
- EXISTING SHADE TREE AS SHOWN ON F-06-182
- EXISTING EVERGREEN TREE AS SHOWN ON F-06-182
- NO WOODY VEGETATION BUFFER
- PUBLIC WATER, SEWER, AND UTILITY EASEMENT
- PRIVATE OPEN SPACE ACCESS EASEMENT
- FOREST CONSERVATION EASEMENT (RETENTION)
- STABILIZED CONSTRUCTION ENTRANCE

NOTE:

THE FRONT OF THE LOTS ARE TO BE PROTECTED WITH SUPER SILT FENCE AT THE DIRECTION OF THE SEDIMENT CONTROL INSPECTOR.

PROVIDE CONSTRUCTION ENTRANCE AT EACH LOT ENTRANCE.

PLAN
SCALE: 1"=30'

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[Signature]
CHIEF, DEVELOPMENT ENGINEERING DIVISION

[Signature]
CHIEF, DIVISION OF LAND DEVELOPMENT

[Signature]
DIRECTOR

DATE: 10/15/07
DATE: 11/12/07
DATE: 11/16/07

BY THE ENGINEER

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

[Signature]
SIGNATURE OF ENGINEER
ROBERT H. VOGEL, PE

DATE: 9/28/07

BY THE DEVELOPER

I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE IN ACCORDANCE TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.

[Signature]
WILLIAMSBURG GROUP
ROBERT R. CORBETT

DATE: 9-24-07

THESE PLANS HAVE BEEN REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.

[Signature] 10-4-07
DATE

[Signature] 10-4-07
DATE

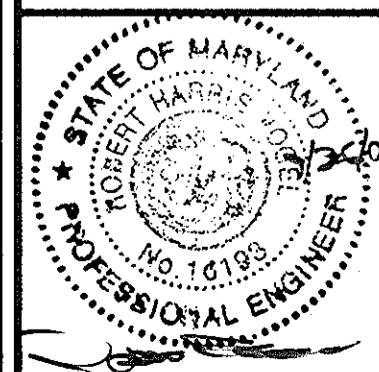
HOWARD SCD

NO.	REVISION	DATE
3	REVISE PLAN TO ADD MADISON HOUSE TYPE LOT 1	10/27/07
2	REVISE LOT 3 TO SHOW JAMES RIVER HOUSE TYPE	4/14/07
1	REVISE BOX A, D, E, & F AND REVISE HOUSE MODELS	3/20/07

GRADING, SEDIMENT & EROSION CONTROL PLAN
SITE DEVELOPMENT PLAN
TIBER RIDGE
LOTS 1-9

TAX MAP 24 BLOCK 11 PARCEL 821
2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

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



DESIGN BY: RHW/MY
DRAWN BY: MY
CHECKED BY: RHW
DATE: 02-27-2007
SCALE: AS SHOWN
W.O. NO.: 04-84.00
2019134.00

DPZ REF: S-00-09, WP-00-110, P-05-10

2 SHEET OF 4

NO.	REVISION	DATE
4	REVISE LANDSCAPING PER F-06-182	12/21/07

21.0 STANDARDS AND SPECIFICATIONS FOR TOPSOIL

DEFINITION
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
I. 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.

II. 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

I. 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.

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

- TOPSOIL SHALL BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY 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, SLUGS, 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 1,000 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.

III. FOR SITES HAVING DISTURBED AREAS UNDER 5 ACRES:

1. PLACE TOPSOIL (IF REQUIRED) AND APPLY SOIL AMENDMENTS AS SPECIFIED IN 20.0 VEGETATIVE STABILIZATION - SECTION 1 - VEGETATIVE STABILIZATION METHODS AND MATERIALS.

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 THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER 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 ACRE DOLOMITIC LIMESTONE (92 LBS./100 SQ.FT.) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ.FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL AT THE 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 APPLY 1000 LBS. PER ACRE 10-10-10 FERTILIZER (23 LBS./1000 SQ.FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL.

SEEDING: FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS. PER ACRE (1.4 LBS./1000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 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 OCTOBER 16 THRU FEBRUARY 28, PROTECT SITE BY OPTION (1) 2 TONS PER ACRE 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 TONS/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 MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL./1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 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

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING 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 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 SQ.FT.) FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS. PER ACRE OF WEEPING LOVEGRASS (0.7 LBS./1000 SQ.FT.). 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 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL./1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL./1000 SQ.FT.) FOR ANCHORING.

REFER TO THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

SEDIMENT CONTROL NOTES

1. A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTION, LICENSE AND PERMITS SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (313-1855).

2. ALL VEGETATION AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. AND REVISIONS THEREOF.

3. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, 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 7, HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.

5. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING, SOD, TEMPORARY SEEDING, AND MULCHING (SEC. G). TEMPORARY STABILIZATION WITH MULCH ALONE SHALL BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.

6. ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMITS FOR THEIR REMOVAL HAVE BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.

7. SITE ANALYSIS:
TOTAL AREA 4.01 AC.
AREA DISTURBED 1.86 AC.
AREA TO BE ROOFED OR PAVED 0.80 AC.
AREA TO BE VEGETATIVELY STABILIZED 1.28 AC.
TOTAL CUT 1,100 CY
TOTAL FILL 1,100 CY
OFFSITE WASTE/BORROW AREA LOCATION NA

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 CONTROLS 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 INSPECTION 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.

11. TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

* TO BE DETERMINED BY CONTRACTOR, WITH PRE-APPROVAL OF THE SEDIMENT CONTROL INSPECTOR WITH AN APPROVED AND ACTIVE GRADING PERMIT

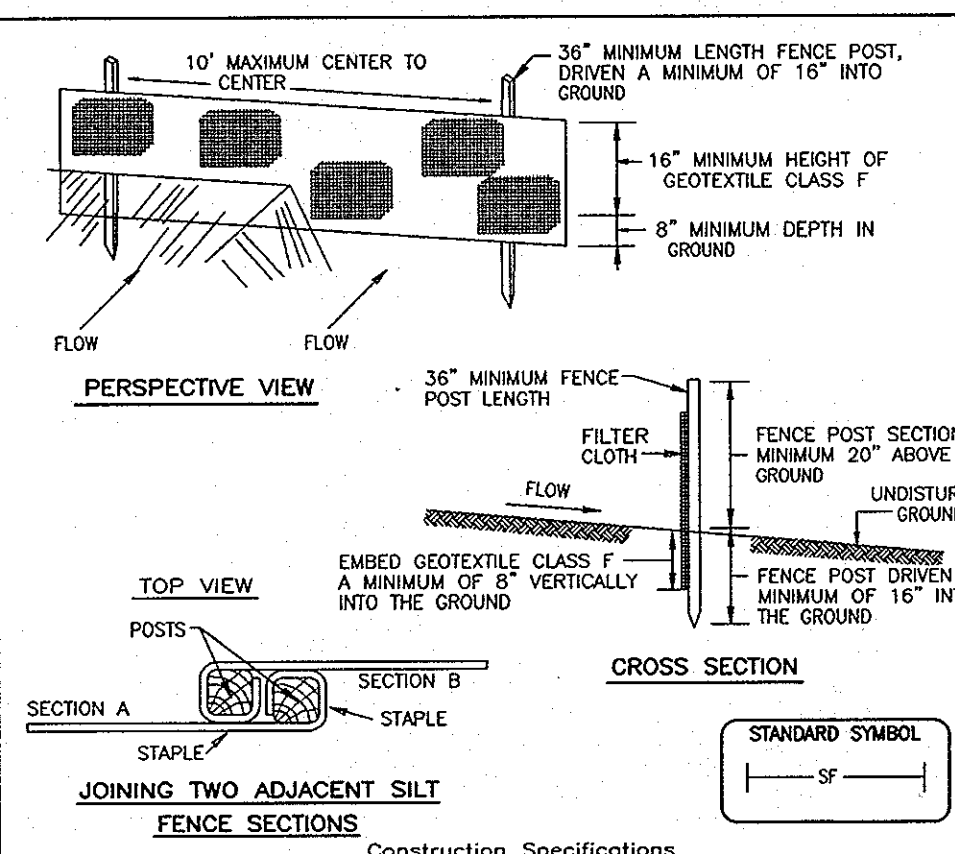
SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT.
- NOTIFY HOWARD COUNTY BUREAU OF INSPECTIONS AND PERMITS (410.313.1880) AT LEAST 24 HOURS BEFORE STARTING ANY WORK.
- SEDIMENT CONTROL MEASURES AS SHOWN ON PLANS ARE TO REMAIN FROM F-06-182 IN ACCORDANCE WITH DETAILS. (5 DAYS)
- INSPECT SEDIMENT CONTROL MEASURES FROM F-06-182 TO REMAIN PER SDP. REPAIR AS NEEDED. (1 DAY)
- AFTER OBTAINING PERMISSION FROM THE SEDIMENT CONTROL INSPECTOR TO PROCEED, ROUGH GRADE SITE. (2 WEEKS)
- CONSTRUCT HOUSES. THE FIRST FLOOR ELEVATIONS CANNOT BE MORE THAN 1" HIGHER OR 0.2' LOWER THAN THE ELEVATIONS SHOWN ON THIS PLAN. (6 MONTHS)
- COMPLETE DRIVEWAY PAVING AND INSTALL PERIMETER LANDSCAPING. (1 DAYS)
- INSTALL PERIMETER LANDSCAPING IF REMAIN FROM F-06-182. (1 DAY)
- UPON STABILIZATION OF ALL DISTURBED AREAS AND WITH THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR, REMOVE ALL SEDIMENT CONTROL DEVICES. (2 DAYS)

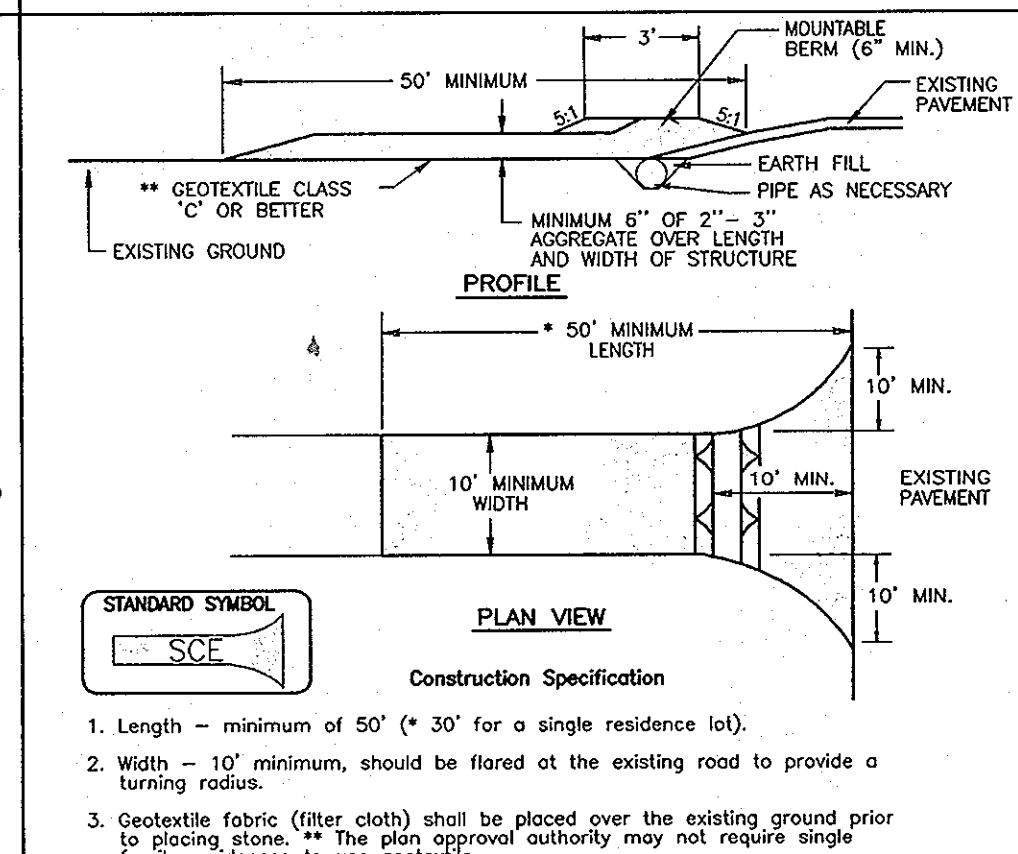
NOTES

- DURING GRADING AND AFTER EACH RAINFALL, THE CONTRACTOR SHALL INSPECT AND PROVIDE THE NECESSARY MAINTENANCE ON THE SEDIMENT AND EROSION CONTROL MEASURES SHOWN HEREON.
- FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLIED WITH.

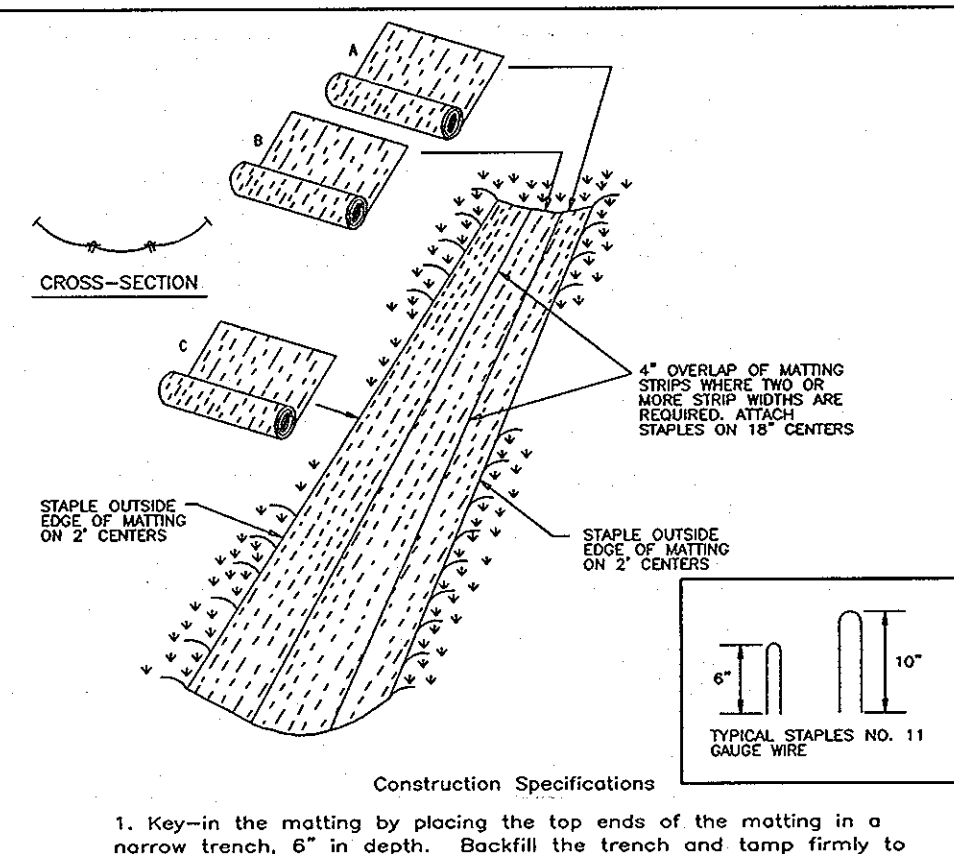
DETAIL 22 - SILT FENCE



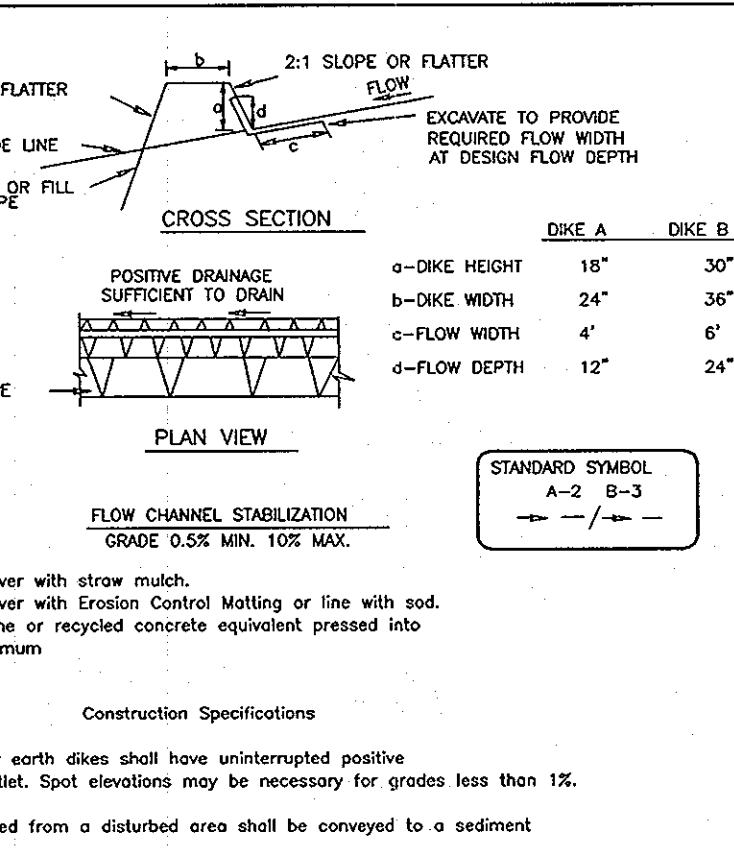
DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE



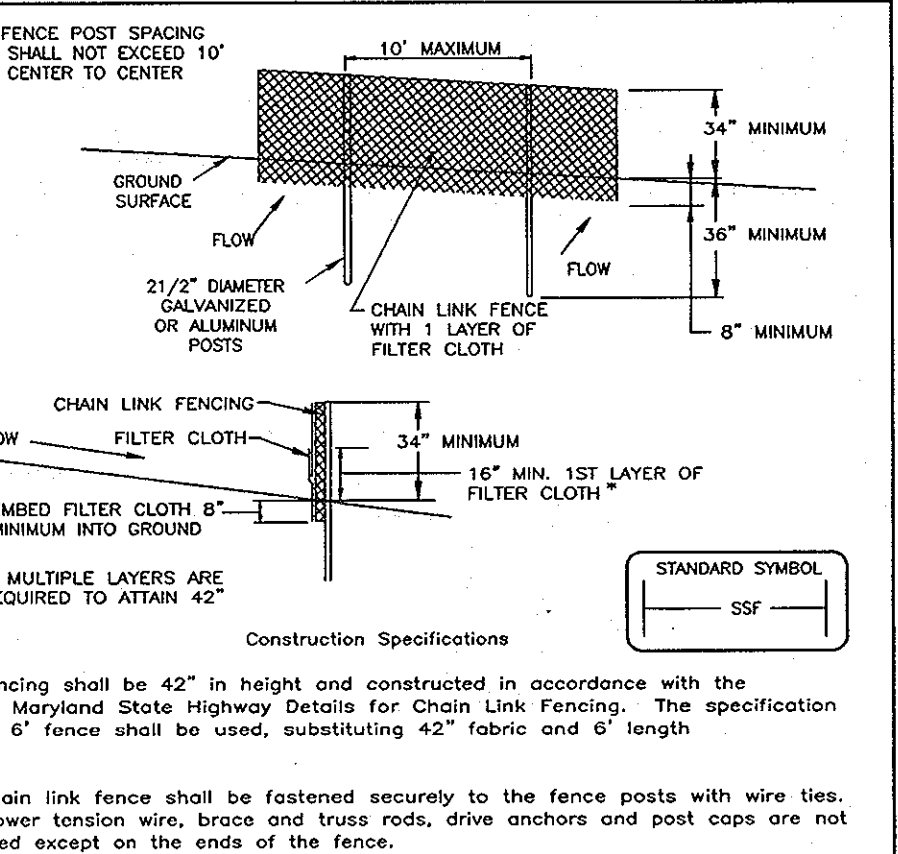
DETAIL 30 - EROSION CONTROL MATTING



DETAIL 1 - EARTH DIKE



DETAIL 33 - SUPER SILT FENCE



U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION	U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION	U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION	U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION	U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION
PAGE E-15-3	PAGE F-11-3	PAGE G-22-2	PAGE A-1-6	PAGE H-25-3					

SEDIMENT & EROSION CONTROL DETAILS
SITE DEVELOPMENT PLAN
TIBER RIDGE
LOTS 1-9

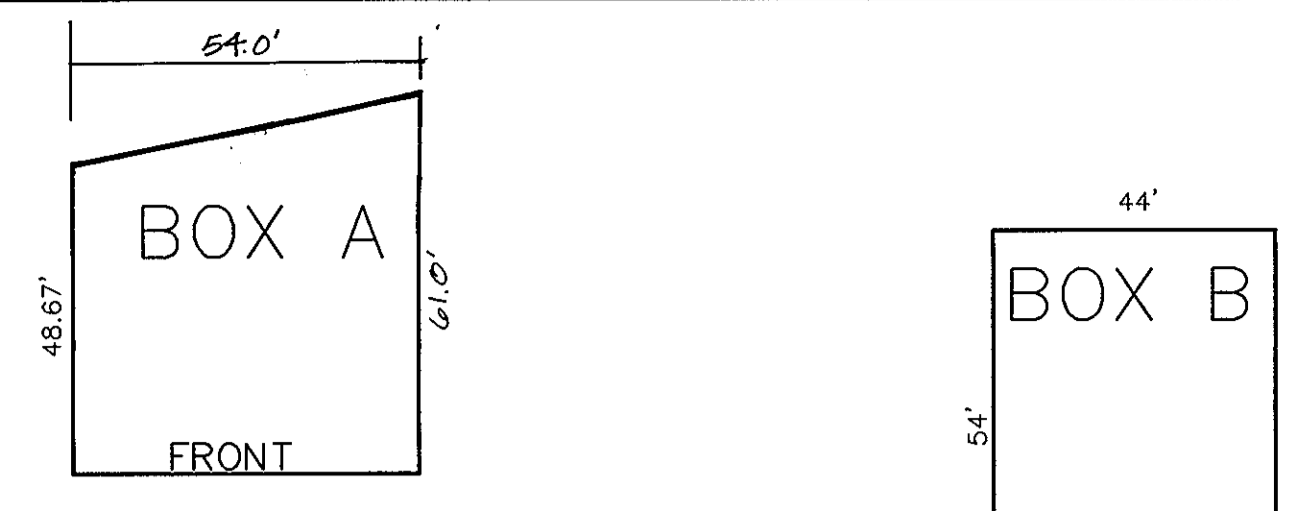
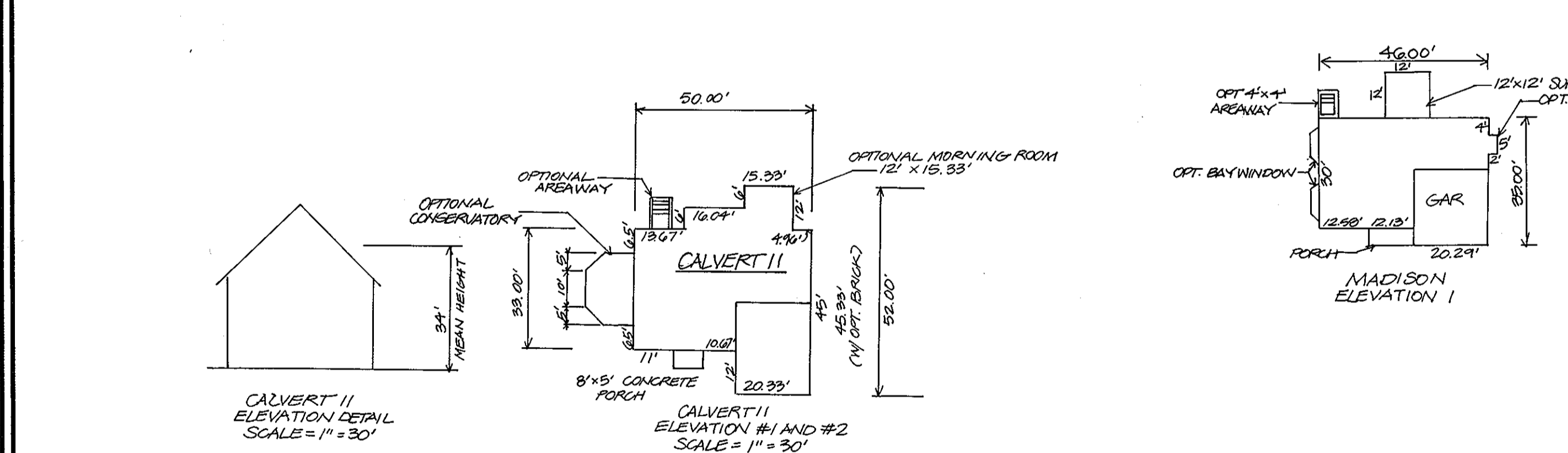
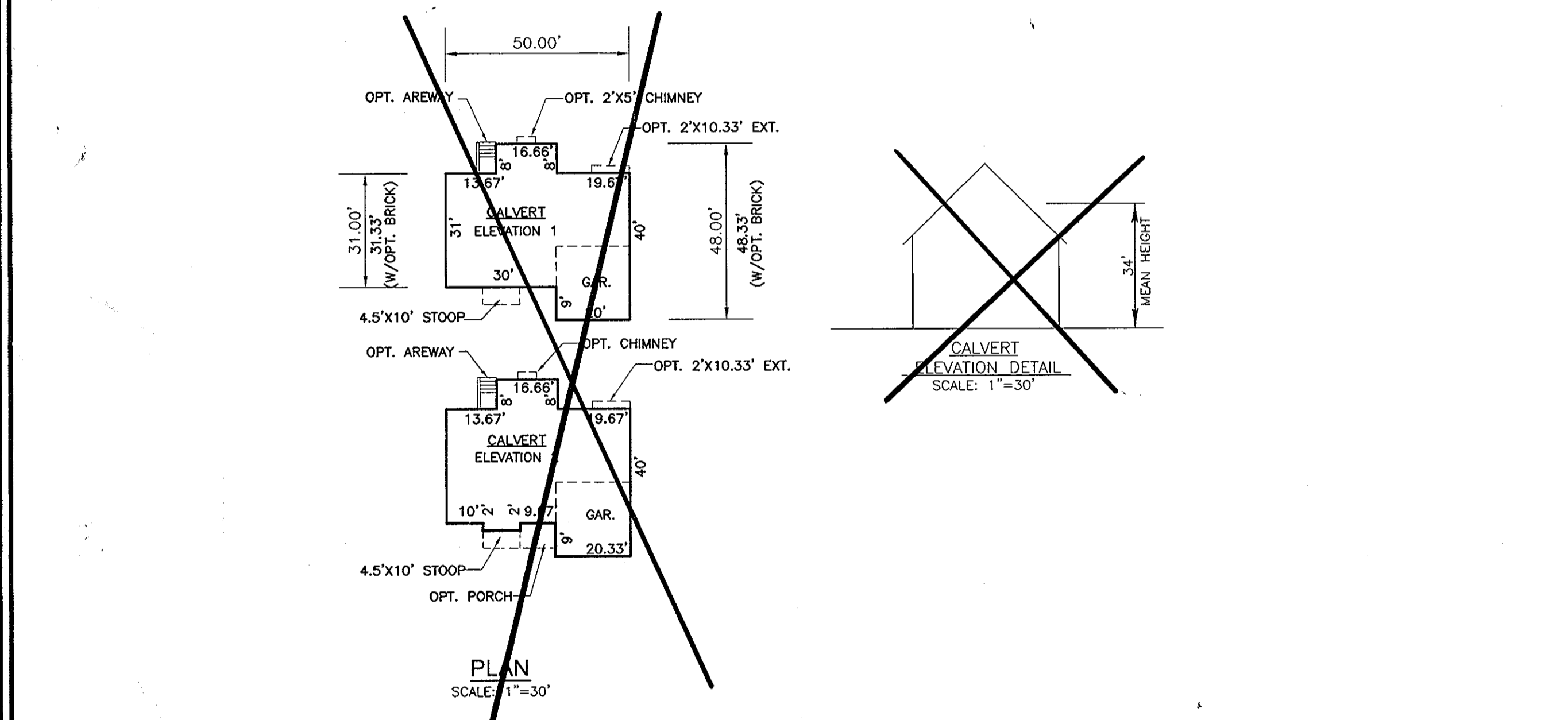
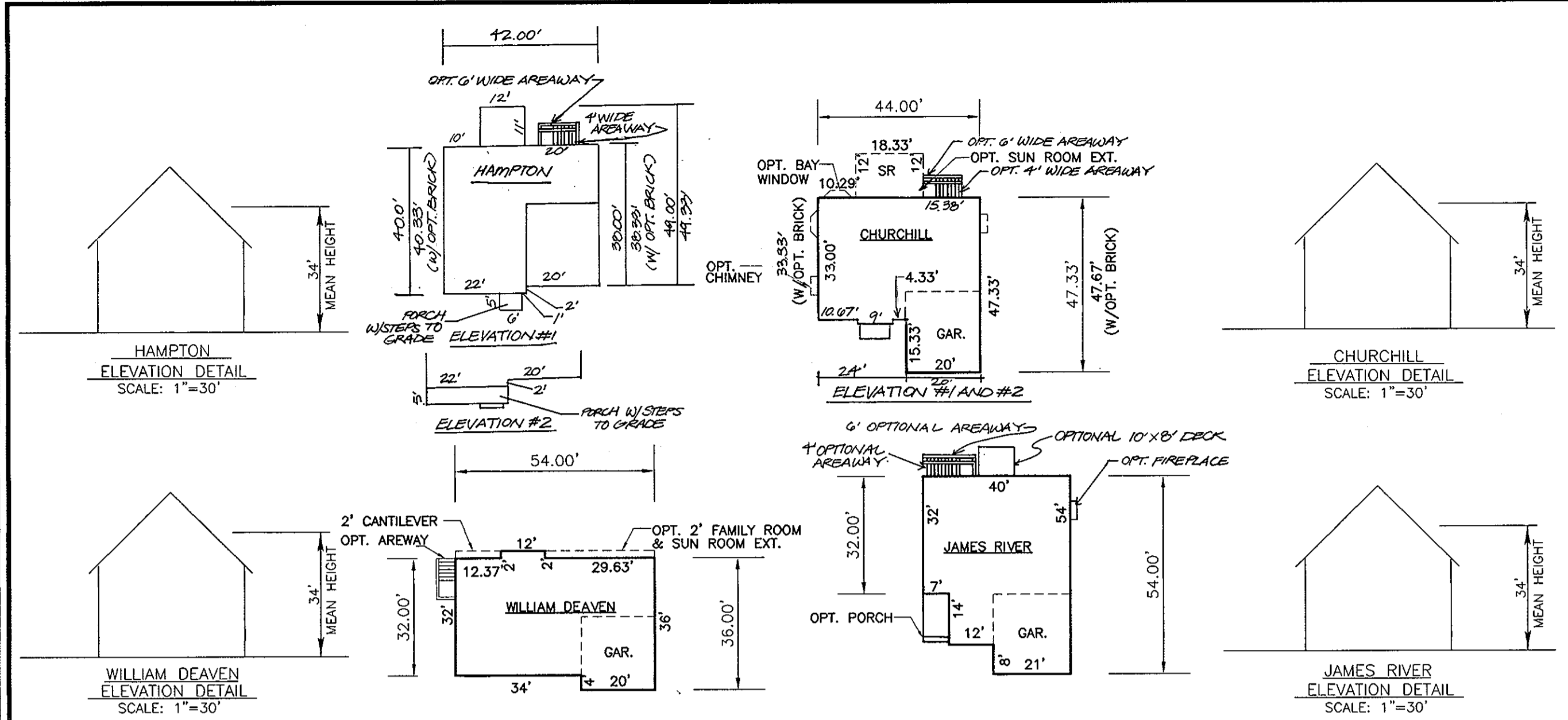
TAX MAP 24 BLOCK 11 PARCEL 821
2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

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

DESIGN BY: RHM/RY
DRAWN BY: MY
CHECKED BY: RHM
DATE: 02-27-2007
SCALE: AS SHOWN
W.O. NO.: 04-84-00 20781934-00

DPZ REF: S-00-09, WP-00-110, P-05-10

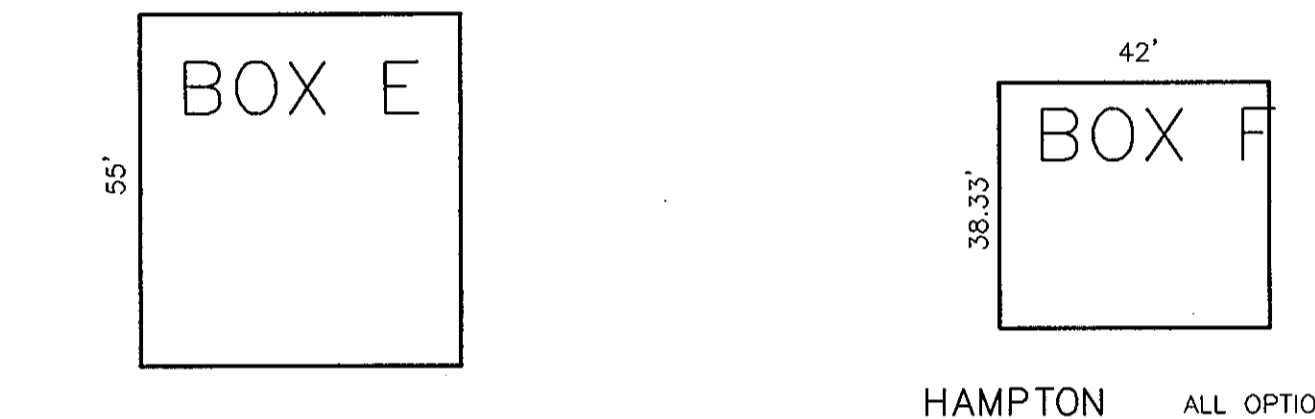
3 SHEET OF 4



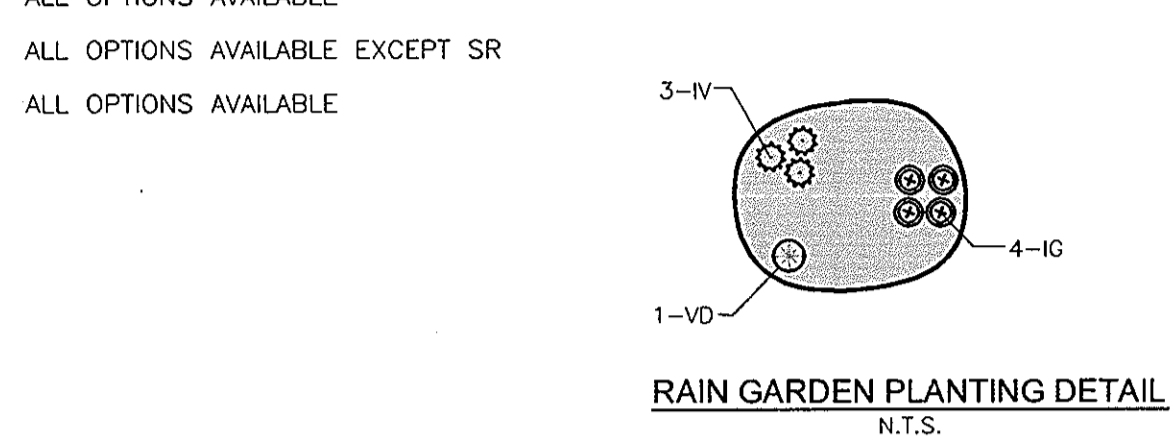
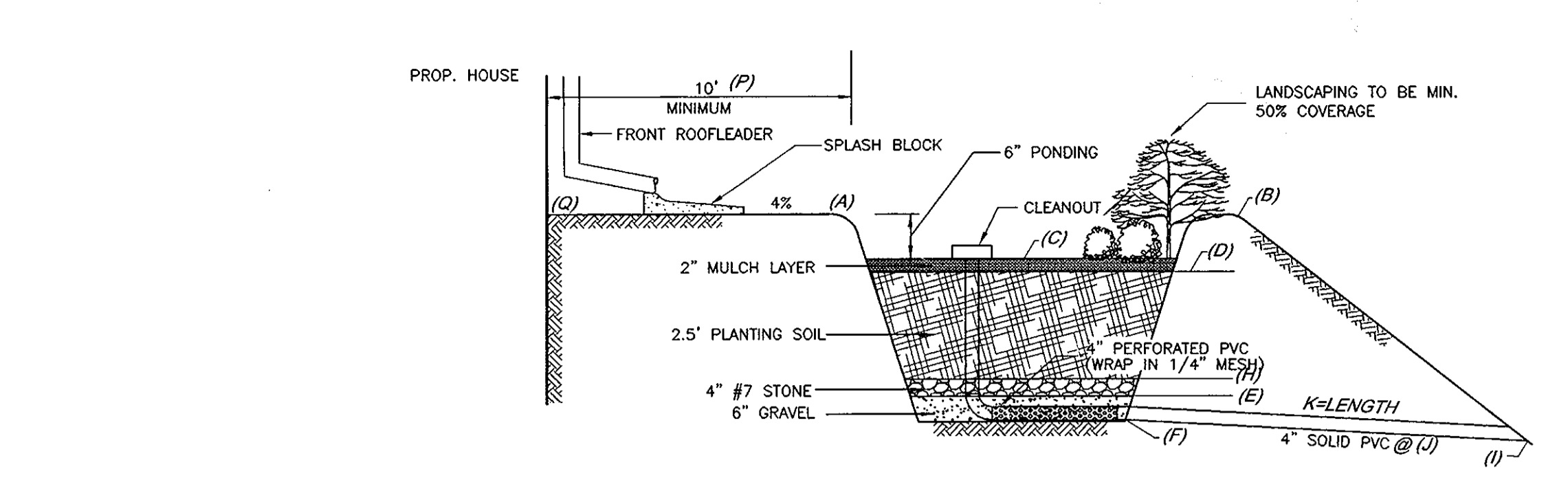
CALVERT II ALL OPTIONS AVAILABLE EXCEPT CONSERVATORY
HAMPTON ALL OPTIONS AVAILABLE
CHURCHILL ALL OPTIONS AVAILABLE EXCEPT SR
WILLIAM DEAVEN ALL OPTIONS AVAILABLE



HAMPTON ALL OPTIONS AVAILABLE
JAMES RIVER ALL OPTIONS AVAILABLE



HAMPTON ALL OPTIONS AVAILABLE EXCEPT SR
CHURCHILL ALL OPTIONS AVAILABLE EXCEPT SR
JAMES RIVER ALL OPTIONS AVAILABLE
CALVERT II NO OPTIONS



TYPICAL RAIN GARDEN CROSS SECTION NOT TO SCALE

RAIN GARDEN PLANT LIST (SIZE 9"x6")

KEY	QTY	BOTANICAL NAME/ COMMON NAME	SIZE	ROOT
IV	3	ILEX VERTICILLATA WINTERBERRY	2'-3' HEIGHT	B & B OR CONT
VD	1	VIBURNUM DENTATUM ARROW WOOD	3'-4' HEIGHT	B & B OR CONT
IG	4	ILEX GLABRA INKBERRY	18"-24" HEIGHT	B & B OR CONT

OPERATION AND MAINTENANCE SCHEDULE FOR RAIN GARDEN

- ANNUAL MAINTENANCE OF PLANT MATERIAL, MULCH LAYER AND SOIL LAYER IS REQUIRED. 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.
- SCHEDULE OF PLANT INSPECTION WILL BE TWICE A YEAR IN SPRING AND FALL. THIS INSPECTION WILL INCLUDE REMOVAL OF DEAD AND DISEASED VEGETATION CONSIDERED BEYOND TREATMENT, TREATMENT OF ALL DISEASED TREES AND SHRUBS AND REPLACEMENT OF ALL DEFICIENT STAKES AND WIRES.
- MULCH SHALL BE INSPECTED EACH SPRING. REMOVE PREVIOUS MULCH LAYER BEFORE APPLYING NEW LAYER ONCE EVERY 2 TO 3 YEARS.
- SOIL EROSION TO BE ADDRESSED ON AS NEEDED BASIS, WITH A MINIMUM OF ONCE PER MONTH AND AFTER HEAVY STORM EVENTS.

RAIN GARDEN CHART
W/O AND REV REQUIREMENTS

LOT No.	RAINGARDEN	P	Q	A	B	C	D	E	F	H	I	J	K	NO OF RAINGARDENS	SIZE RAINGARDENS
1	RG-1	10'	372.0	371.20	371.20	370.70	370.50	368.15	367.65	368.50	367.50	1%	15	1	6' x 9'
2	RG-2	10'	370.80	370.50	370.50	370.00	369.80	367.0	366.5	367.30	365.00	8%	20	1	6' x 9'
3	RG-3	10'	370.80	370.50	370.50	370.00	369.80	367.0	366.5	367.30	365.00	8%	20	1	6' x 9'
4	RG-4	10'	370.0	369.70	369.70	369.20	369.00	366.20	365.70	366.50	366.20*	*	14	1	6' x 9'
5	RG-5	10'	370.0	369.70	369.70	369.20	369.00	366.20	365.70	366.50	366.20*	*	14	1	6' x 9'
6	RG-6	10'	369.50	369.30	369.30	368.80	368.60	365.80	365.30	366.10	365.00*	2%	15	1	6' x 9'
7	RG-7	10'	376.20	376.0	376.0	375.50	375.30	373.0	372.50	373.30	372.30	1%	20	1	6' x 9'
8	RG-8	10'	372.50	372.10	372.10	371.60	371.40	369.10	368.60	369.40	368.00	5%	13	1	6' x 9'
9	RG-9	10'	371.40	371.00	371.00	370.50	370.30	367.47	367.0	367.80	366.30	5%	14	1	6' x 9'

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 CHIEF, DEVELOPMENT ENGINEERS DIVISION
 CHIEF, DIVISION OF LAND DEVELOPMENT
 DIRECTOR

BY THE ENGINEER
 I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 SIGNATURE OF ENGINEER
 ROBERT H. VOGEL, PE

BY THE DEVELOPER
 I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE IN ACCORDANCE TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.
 WILLIAMSBURG GROUP
 ROBERT R. CORBETT

THESE PLANS HAVE BEEN REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.
 USDA - NATURAL RESOURCES CONSERVATION SERVICE
 THESE PLANS FOR SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 HOWARD SCD

OWNER / DEVELOPER
 WILLIAMSBURG GROUP
 5485 HARPERS FARM ROAD, SUITE 200
 COLUMBIA, MARYLAND 21044
 (410) 997-8800

NO.	REVISION	DATE
3	REVISE PLAN TO ADD MADISON HOUSE TYPE	10/27/08
2	REVISE JAMES RIVER HOUSE TYPE FOR OPTIONAL 10'X8' DECK	4/16/08
1	REVISE BOX A, D, E; ADD & REVISE HOUSE MODELS	3-20-08

HOUSE TYPES SITE DEVELOPMENT PLAN TIBER RIDGE LOTS 1-9

TAX MAP 24 BLOCK 11 2ND ELECTION DISTRICT PARCEL 821 HOWARD COUNTY, MARYLAND

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4 SHEET OF 4