

GENERAL NOTES

- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
- 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
 - BELL ATLANTIC TELEPHONE CO. 725-9976
 - HOWARD COUNTY BUREAU OF UTILITIES 313-2366
 - VERIZON 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: 36,020 SF (0.82692 AC.)
 - AREA OF SUBMISSION: 36,020 SF (0.82692 AC.)
 - LIMIT OF DISTURBANCE: 40,559.12 SF (0.931 AC.)
 - PRESENT ZONING: R-12
 - PROPOSED USE OF SITE: SINGLE FAMILY DETACHED DWELLINGS
 - TOTAL OPEN SPACE REQUIRED ON SITE 40% OF GROSS AREA: 0.53 AC. 22,896.00 AF (40x114,477.9 SF)
 - TOTAL NUMBER OF UNITS PROPOSED: 5 BUILDABLE LOTS
 - TOTAL CREDITED OPEN SPACE: 27,249.41 SF (0.626 AC.)
 - TOTAL NON-CREDITED OPEN SPACE: 0 SF (0 AC.)
 - TOTAL AREA OF OPEN SPACE PROPOSED: 24,885 SF (0.51 AC.)
 - NUMBER OF PROPOSED OPEN SPACE LOTS: 1 (LOT 6)
 - APPLICABLE DPZ FILE REFERENCES: S-08-017, P-08-02, WF-07-114, F-08-167, WF-08-99
 - PROJECT BACKGROUND: TAX MAP 47, GRID 9, PARCEL 942
- 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 START OF WORK.
- THIS SUBDIVISION COMPLIES WITH THE AMENDED 5TH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AS AMENDED BY COUNCIL BILL 45-2003 AND IS ZONED R-12 PER THE 02-02-04 COMPREHENSIVE ZONING PLAN AND "CMP LITE" ZONING AMENDMENTS EFFECTIVE 07/28/06.
- ALL ASPECTS OF THE PROJECT ARE IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS UNLESS WAIVER HAVE BEEN APPROVED.
- TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
- 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.
- DRIVEWAYS SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
 - A) WIDTH - 12 FEET (16 FEET IF SERVING MORE THAN ONE RESIDENCE)
 - B) SURFACE - 6 INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING
 - C) GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE, AND MINIMUM 45 FOOT TURNING RADIUS
 - D) STRUCTURES (CULVERTS/BRIDGES) - MUST SUPPORT 25 GROSS TON LOADING (H25 LOADING)
 - E) DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100 YEAR FLOOD EVENTS WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE
 - F) STRUCTURE CLEARANCES - MINIMUM 12 FEET
 - G) MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MS&S STANDARDS AND SPECIFICATIONS IF APPLICABLE.
- STORMWATER MANAGEMENT TO BE PROVIDED UNDER F-08-167 FOR THIS DEVELOPMENT. WOV AND REV ARE TO DISCONNECT FOR LOT 1 DRIVEWAY. CPV IS NOT REQUIRED FOR THIS PROJECT SINCE THE 1-YEAR PEAK DISCHARGE IS LESS THAN ZCF.
- THE PROJECT BOUNDARY IS BASED ON A BOUNDARY SURVEY PERFORMED BY ROBERT H. VOGEL ENGINEERING, INC. DATED MARCH 2005.
- THE TOPOGRAPHY SHOWN HEREON IS BASED ON A TOPOGRAPHICAL SURVEY WITH TWO FEET CONTOUR INTERVALS PERFORMED BY ROBERT H. VOGEL ENGINEERING, INC. DATED MARCH 2005.
- ACCESS TO PUBLIC WATER AND SEWER SERVICES HAVE BEEN PROVIDED UNDER CONTRACT NO. 609-A AND 24-3312.
- A FOREST STAND DELINEATION WAS PERFORMED BY EXPLORATION RESEARCH INC. DATED JANUARY, 2007 PER F-08-167.
- NO STREAMS, STREAM BUFFERS, WETLANDS, AND WETLAND BUFFERS EXIST ON SITE.
- NO 100 YEAR FLOOD PLAINS EXISTS ON SITE.
- NO STEEP SLOPES GREATER THAN 25% LOCATED WITHIN SUBJECT PROPERTY.
- FOR DRIVEWAY ENTRANCE DETAILS REFER TO THE HOWARD COUNTY DESIGN MANUAL VOLUME IV, STANDARD DETAIL R-6.01 (7" COMBINATION CURB & GUTTER SIDEWALK SETBACK FROM CURB WITH DEPRESSION CURB AT DRIVEWAY).
- APPO TRAFFIC STUDY PREPARED BY THE TRAFFIC GROUP, DATED JUNE 2006, AND APPROVED NOVEMBER 3, 2006.
- STREET TREES ARE PROVIDED FOR THIS PROJECT AS SHOWN ON THE APPROVED ROAD CONSTRUCTION DRAWINGS FOR F-08-167.
- STREET LIGHTING WILL BE PROVIDED IN ACCORDANCE WITH SECTION 134 OF THE HOWARD COUNTY ZONING REGULATIONS.
- THIS PROPERTY IS WITHIN METROPOLITAN DISTRICT.
- TO THE BEST OF THE OWNERS KNOWLEDGE, THERE ARE NO BURIAL/CEMETERY LOCATIONS ON SITE.
- OPEN SPACE LOT 6 WILL BE OWNED BY THE HOMEOWNERS ASSOCIATION.
- GEOTECHNICAL STUDY WAS PERFORMED OCTOBER 2007 BY HILLIS-CARHES ENGINEERING ASSOCIATIONS, INC.
- A DESIGN MANUAL WAIVER HAS BEEN APPROVED ON OCTOBER 30, 2006 TO ALLOW THE SIGHT DISTANCE ANALYSIS TO BE PREPARED AND APPROVED BASED ON THE POSTED SPEED LIMIT PLUS FIVE MILES PER HOUR.
- THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL, WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENTS 42A AND 0080 WERE USED FOR THIS PROJECT.
- FOREST CONSERVATION OBLIGATIONS IN ACCORDANCE WITH SECTION 16.1202 OF THE HOWARD COUNTY CODE & FOREST CONSERVATION MANUAL FOR THIS SITE HAS BEEN FULFILLED BY THE PLACEMENT OF 0.19 ACRES OF FOREST IN TO AN EASEMENT AREA AND PAYMENT OF A FEE-IN-LIEU FOR .48 AC. OF REFORESTATION IN THE AMOUNT OF \$15,682.00 TO THE FOREST CONSERVATION FUND. SURETY FOR RETENTION HAS BEEN POSTED WITH THE DEVELOPERS AGREEMENT FOR F-08-167.
- PERIMETER LANDSCAPING IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE & LANDSCAPE MANUAL SHALL BE PROVIDED AS SHOWN ON THE LANDSCAPE PLAN SHEET OF THE ROAD CONSTRUCTION DRAWINGS FOR THE FINAL PLAN, F-08-167, SURETY HAS BEEN POSTED WITH THE DEVELOPERS AGREEMENT FOR F-08-167.
- EXISTING UTILITIES ARE BASED ON AVAILABLE RECORD DRAWINGS AND FIELD LOCATED EVIDENCE.
- A NOISE STUDY IS NOT REQUIRED FOR THIS PROJECT.
- ALL SIGN POSTS USED FOR TRAFFIC CONTROL SIGNS INSTALLED IN THE COUNTY RIGHT-OF-WAY SHALL BE MOUNTED ON A 2" GALVANIZED STEEL PERFORATED, SQUARE TUBE POST (14 GAUGE) INSERTED INTO A 2-1/2" GALVANIZED STEEL, PERFORATED, SQUARE TUBE SLEEVE (12 GAUGE) - 3' LONG. A GALVANIZED STEEL POLE CAP SHALL BE MOUNTED ON TOP OF EACH POST.
- THERE ARE NO EXISTING HOUSES, SHEDS, DRIVEWAYS, FENCES, AND MISC. STRUCTURES LOCATED ON THIS SITE.
- HOMEOWNER ASSOCIATION DOCUMENTS HAVE BEEN RECORDED WITH THE MD DEPT. OF ASSESSMENTS FOR HOWARD COUNTY, MD AS RECORDING REFERENCE NUMBER 012435504 on July, 2008.

SITE DEVELOPMENT PLAN

COLD SPRING

LOTS 1-5

HOWARD COUNTY, MARYLAND



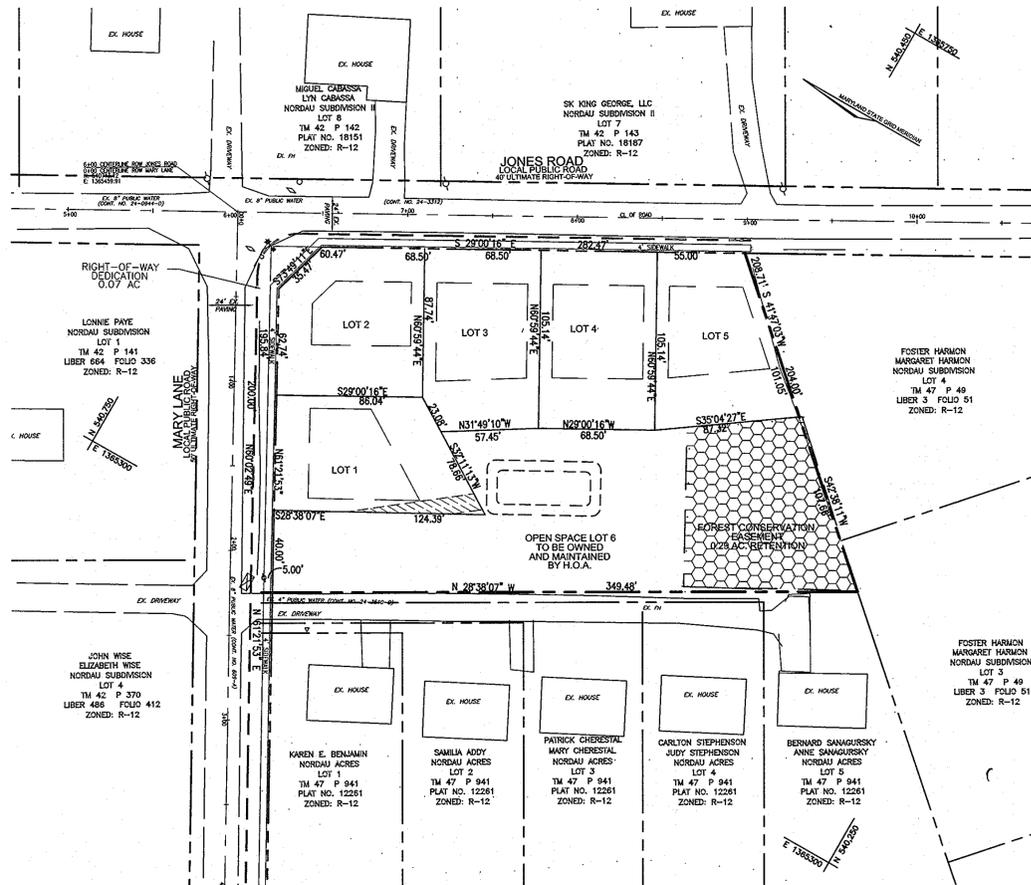
VICINITY MAP

SCALE: 1"=2,000'
ADC MAP COORDINATE: PG. 20 / D-5

BENCHMARKS

NO.	NORTHING	EASTING	ELEVATION
47C4	539645.67	1361379.43	288.81
47R1	539734.77	1363098.87	282.26

47C4 - CONCRETE MONUMENT WITH BRASS DISC, LOCATED ON THE NORTH EAST CORNER OF THE INTERSECTION OF VOLLMEYERHAUSEN DR. AND SAVAGE-GULFORD RD.
47R1 - 1.5" REBAR, LOCATED 2' BACK FROM THE FACE OF CURB ON THE SOUTH SIDE OF VOLLMEYERHAUSEN DR.



LOCATION PLAN
SCALE: 1"=50'

COORDINATE LIST

POINT	NORTH	EAST
20	540315.46	1365447.85
21	540469.00	1365589.01
22	540716.05	1365452.05
23	540689.81	1365466.59
25	540699.69	1365432.53
26	540617.81	1365282.56
218	540622.20	1365280.16

SHEET INDEX

DESCRIPTION	SHEET NO.
COVER SHEET	1
SITE LAYOUT AND LANDSCAPE PLAN	2
GRADING, SEDIMENT AND EROSION CONTROL DETAILS, SOILS MAP	3
SEDIMENT & EROSION CONTROL DETAILS	4

PERMIT INFORMATION CHART

PROJECT NAME	SECTION/AREA	LOT NUMBER				
COLD SPRING	N/A	1-5				
PLAT REF.	BLOCK NO.	ZONE	TAX MAP	PARCEL	ELECT. DIST.	CENSUS TR.
F-08-167	6	R-12	47	942	6TH	606901

ADDRESS CHART

LOT #	STREET ADDRESS
1	8709 MARY LANE
2	8002 JONES ROAD
3	8006 JONES ROAD
4	8010 JONES ROAD
5	8014 JONES ROAD

NO.	REVISION	DATE

SITE DEVELOPMENT PLAN
COVER SHEET
COLD SPRING
LOTS 1-5

TAX MAP 47 BLOCK 6 PARCEL 942
6TH 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

PROFESSIONAL CERTIFICATE

DESIGN BY: RJ
DRAWN BY: KJ
CHECKED BY: RHV
DATE: SEPTEMBER 2008
SCALE: AS SHOWN
W.O. NO.: 08-14

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. 16193 EXPIRATION DATE: 09-27-2008

1 SHEET OF 4

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

10/3/08
DATE

10/20/08
DATE

1/20/09
DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT

John K. Robertson 10/20/08
HOWARD SCD DATE

ENGINEER'S CERTIFICATE

"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 ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.

9/25/08
DATE

ROBERT H. VOGEL
SIGNATURE OF ENGINEER

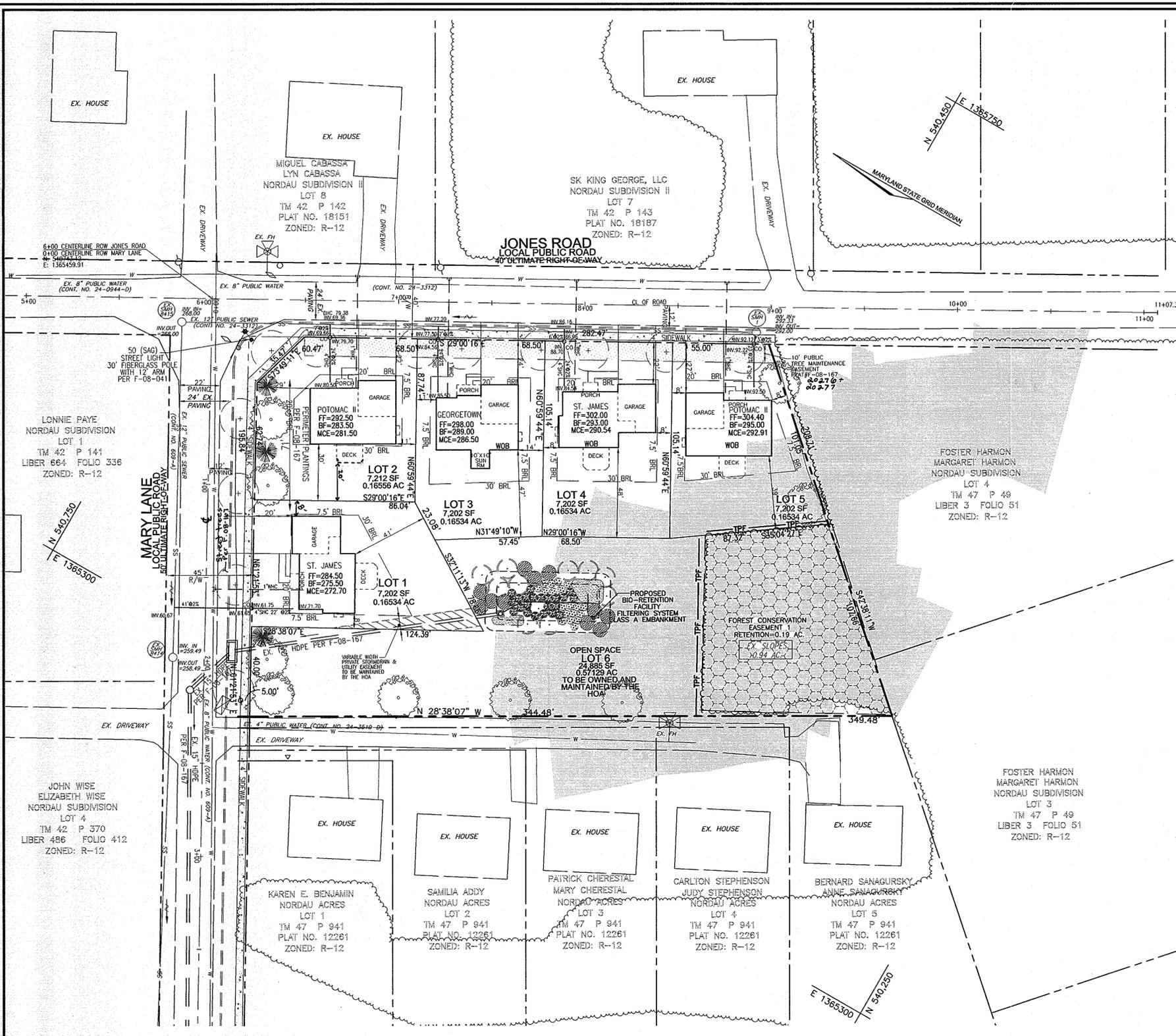
DEVELOPER'S CERTIFICATE

"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.

9-24-08
DATE

Michael Pfau
SIGNATURE OF DEVELOPER

OWNER/DEVELOPER
MICHAEL L. PFU
3675 PARK AVENUE, SUITE 301
ELLICOTT CITY, MD 21043
(410) 480-0023



LEGEND

- PROPOSED RIGHT-OF-WAY
- EXISTING RIGHT-OF-WAY
- BOUNDARY LINE
- ADJACENT BOUNDARY LINE
- EXISTING TREELINE
- EXISTING UTILITY POLE
- EXISTING SIGN
- EXISTING WATER LINE
- EXISTING SEWER LINE
- EXISTING FENCE LINE
- EXISTING STORMDRAIN
- EXISTING MAILBOX
- STREET LIGHT PER F-08-041
- PROPOSED CURBLINE
- AREA OF 15 TO 24.9 PERCENT SLOPES
- SIDEWALK PER F-08-041
- FOREST CONSERVATION EASEMENT PER F-08-041
- PROPOSED PUBLIC STORMDRAIN AND UTILITY EASEMENT
- 10' PUBLIC TREE MAINTENANCE EASEMENT PER F-08-167
- STREET TREE PLANTINGS PER F-08-167
- EVERGREEN TREE PER F-08-167
- SHADE TREE PER F-08-167
- TPF --- TREE PROTECTION FENCE

LAYOUT PLAN VIEW
SCALE: 1"=30'

NO.	REVISION	DATE

**SITE DEVELOPMENT PLAN
SITE LAYOUT AND
LANDSCAPE PLAN
COLD SPRING
LOTS 1-5**

TAX MAP 47 BLOCK 6 PARCEL 942
6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

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



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DESIGN BY: RJ
DRAWN BY: KJ
CHECKED BY: RHW
DATE: SEPTEMBER 2008
SCALE: AS SHOWN
W.O. NO.: 06-14

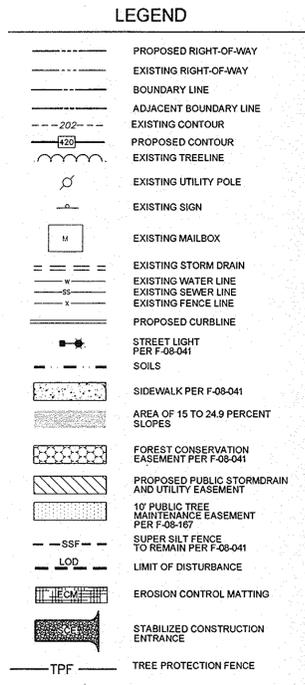
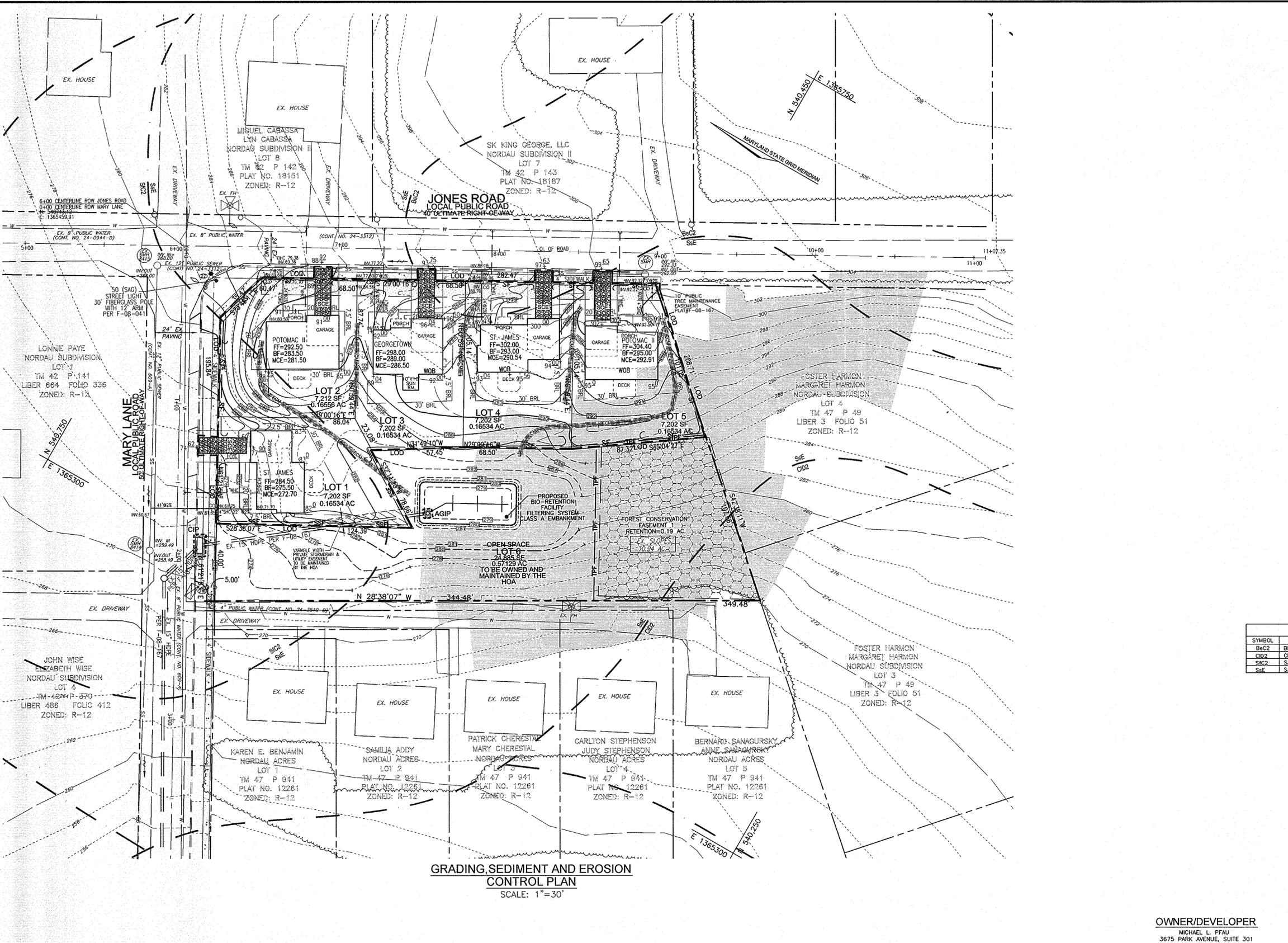
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION
[Signature] 10/16/08
DATE

CHIEF, DIVISION OF LAND DEVELOPMENT
[Signature] 10/20/08
DATE

DIRECTOR
[Signature] 10/20/08
DATE

OWNER/DEVELOPER
MICHAEL L. PFAU
3675 PARK AVENUE, SUITE 301
ELLCOTT CITY, MD 21043
(410) 480-0023



SOILS LEGEND		
SYMBOL	NAME / DESCRIPTION	SOIL GROUP
Bc2	BELTSVILLE SILT LOAM, 5 TO 10 PERCENT SLOPES, MODERATELY ERODED	C
CD2	CHILLUM GRAVELLY LOAM, 10 TO 15 PERCENT SLOPES, MODERATELY ERODED	B
SIC2	SASSAFRAS GRAVELLY SANDY LOAM, 5 TO 10 PERCENT SLOPES, MODERATELY ERODED	B
SsE	SASSAFRAS SOILS, 15 TO 40 PERCENT SLOPES	B

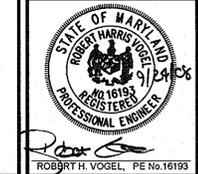
GRADING, SEDIMENT AND EROSION CONTROL PLAN
SCALE: 1"=30'

NO.	REVISION	DATE

**SITE DEVELOPMENT PLAN
GRADING, SEDIMENT, AND EROSION
CONTROL DETAILS, SOILS MAP
COLD SPRING
LOTS 1-5**

TAX MAP 47 BLOCK 6 PARCEL 942
6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

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DESIGN BY: RJ
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3 SHEET OF 4

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Chief, Development Engineering Division
Candy Rantz 10/24/08
Chief, Division of Land Development
John H. Cagle 10/24/08

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT

John K. Robertson 10/24/08
HOWARD SCD

ENGINEERS CERTIFICATE

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.

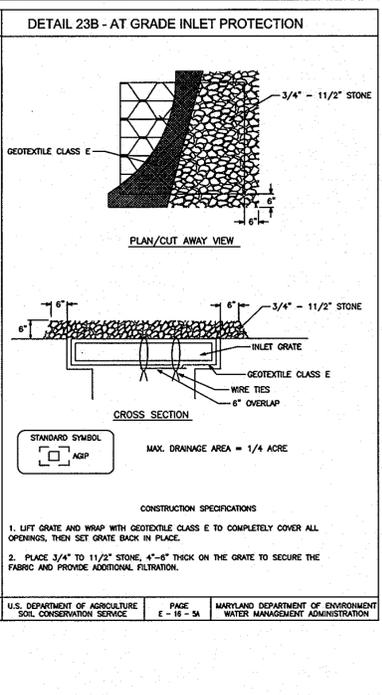
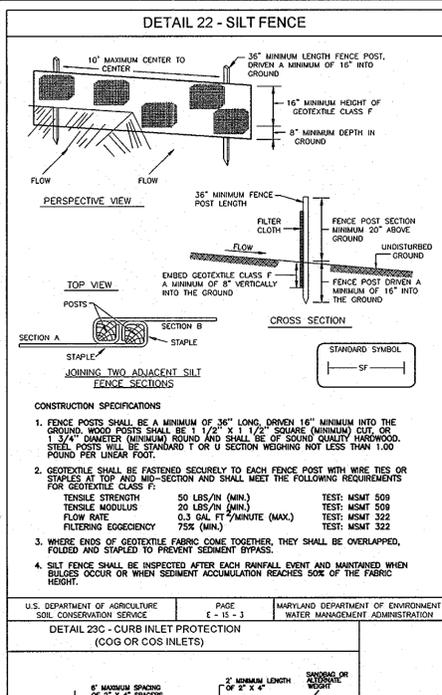
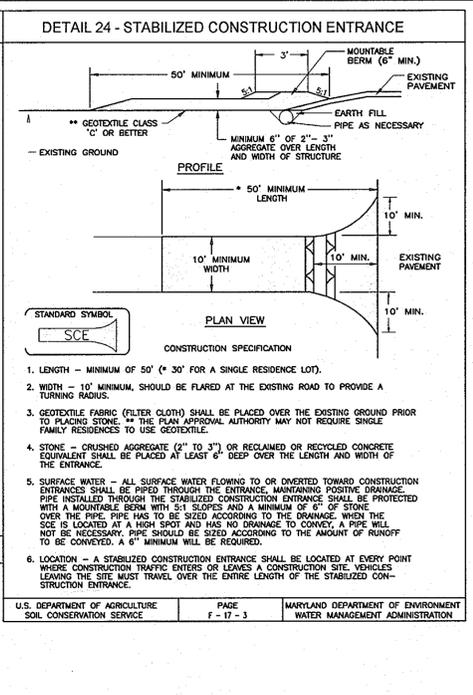
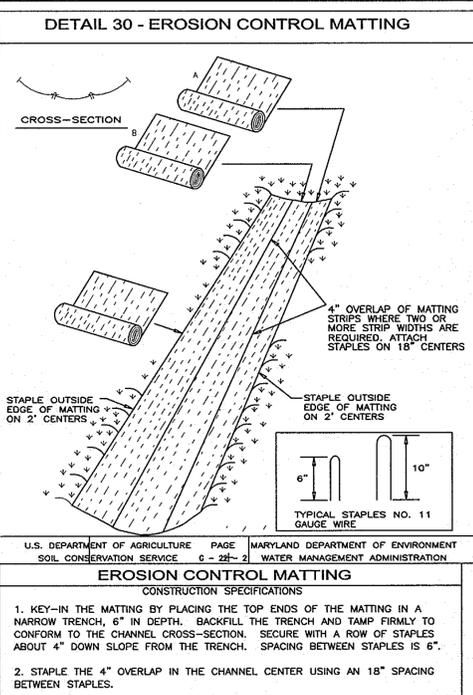
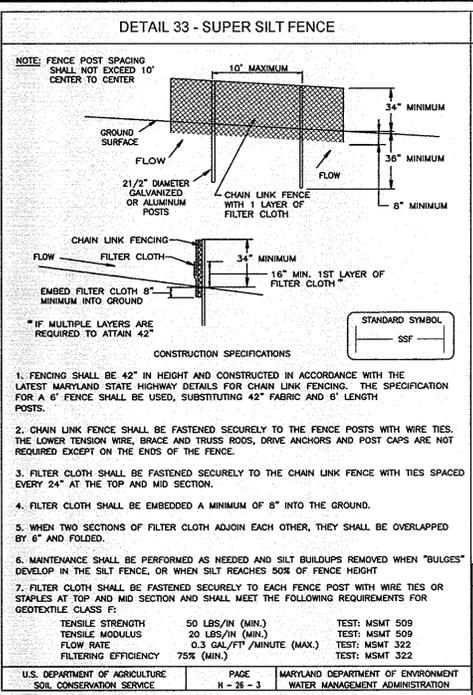
Robert H. Vogel 9/24/08
SIGNATURE OF ENGINEER ROBERT H. VOGEL DATE

DEVELOPER'S CERTIFICATE

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.

Michael L. Pfauf 9/24/08
SIGNATURE OF DEVELOPER DATE

OWNER/DEVELOPER
MICHAEL L. PFAUF
3675 PARK AVENUE, SUITE 301
ELLICOTT CITY, MD 21043
(410) 480-0023



SEDIMENT CONTROL NOTES

- 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).
- 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 THERETO.
- 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.
- 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.
- 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, SOIL, TEMPORARY SEEDING, AND MULCHING (SEC. 0). TEMPORARY STABILIZATION WITH MULCH ALONE SHALL 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	0.826 AC
AREA DISTURBED	0.83 AC
AREA TO BE ROOFED OR PAVED	TOTAL: 0.27 AC
AREA TO BE VEGETATIVELY STABILIZED	0.56 AC
TOTAL CUT	1,100 CY
TOTAL FILL	1,100 CY
OFFSITE WASTE/BORROW AREA LOCATION	*
- 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 CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- 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.
- 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.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE H - 25 - 3	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION
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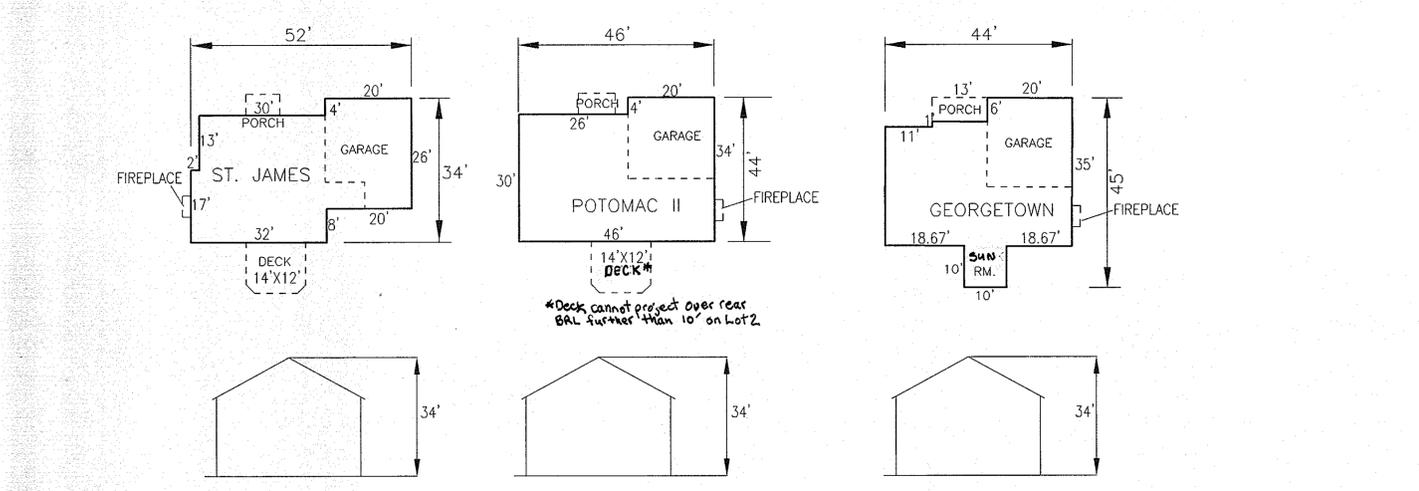
U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE G - 22 - 2	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION
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U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE F - 17 - 3	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION
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U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE E - 15 - 3	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION
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U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE E - 18 - 5A	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION
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SEQUENCE OF CONSTRUCTION	DURATION
1. OBTAIN GRADING PERMIT.	
2. NOTIFY HOWARD COUNTY BUREAU OF INSPECTIONS AND PERMITS (410-313-1880) BEFORE STARTING ANY WORK.	1 DAY
3. INSTALL SEDIMENT CONTROL MEASURE AS SHOWN ON PLAN AND IN ACCORDANCE WITH DETAIL.	2 DAY
4. INSPECT SEDIMENT CONTROL MEASURES FROM F-08-041 TO REMAIN PER SDP REPAIR AS NEEDED.	1 DAY
5. AFTER OBTAINING PERMISSION FROM THE SEDIMENT CONTROL INSPECTOR TO PROCEED, ROUGH GRADE SITE DEVELOPMENT PLAN.	1 WEEK
6. CONSTRUCT HOUSES, THE FIRST FLOOR ELEVATIONS CANNOT BE MORE THAN 1' HIGHER OR 0.2' LOWER THAN THE ELEVATIONS SHOWN ON THIS PLAN.	1 MONTH
7. INSTALL PERIMETER LANDSCAPING PER FINAL PLAN F-08-167.	3 DAYS
8. UPON STABILIZATION OF ALL DISTURBED AREAS AND WITH THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR REMOVE ALL SEDIMENT CONTROL DEVICES.	3 DAYS
9. WITH INSPECTOR APPROVAL AND FINAL ROAD PAVING COMPLETE, STABILIZE ANY REMAINING DISTURBED AREAS.	1 WEEK
10. WITH SEDIMENT CONTROL INSPECTORS APPROVAL CONVERT SEDIMENT BASIN TO FINAL STORMWATER MANAGEMENT FACILITY AFTER SITE STABILIZED.	1 WEEK



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION
Cindy K... 10/21/08
CHIEF, DIVISION OF LAND DEVELOPMENT
... 10/21/08
DIRECTOR
... 10/21/08

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT

John H. Roberts 10/21/08
HOWARD SCD

ENGINEERS CERTIFICATE

"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.

Robert H. Vogel 9/24/08
SIGNATURE OF ENGINEER
ROBERT H. VOGEL

DEVELOPER'S CERTIFICATE

"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.

Michael P. Fau 9.24.08
SIGNATURE OF DEVELOPER

OWNER/DEVELOPER
MICHAEL L. PFAU
3675 PARK AVENUE, SUITE 301
ELLCOTT CITY, MD 21043
(410) 480-0023

SITE DEVELOPMENT PLAN
SEDIMENT & EROSION CONTROL DETAILS
COLD SPRING
LOTS 1-5

TAX MAP 47 BLOCK 6 PARCEL 942
6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

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

DESIGN BY: RJ
DRAWN BY: KJ
CHECKED BY: RHV
DATE: SEPTEMBER 2008
SCALE: AS SHOWN
W.O. NO.: 06-14

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. 16193 EXPIRATION DATE: 09-27-2008

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