

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 (313-11855).
- ALL VEGETATION AND TEMPORARY 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.
- FOLLOWING INITIAL SOIL DISTURBANCE OR RESTORATION, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: (A) 7 CALENDAR DAYS FOR ALL PERMITS SUBJECT TO SEDIMENT CONTROL, TEMPORARY SEEDING, MULCHING AND STAKING, AND LESS THAN 31, (B) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL SEDIMENT TRAPS/BASINS SHALL BE FENCED AND WARNING SIGNS POSTED ACCORDING TO THEIR PERMITS 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, TEMPORARY SEEDING, MULCHING AND STAKING, AND LESS THAN 31, (B) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATING CONDITION UNTIL PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- SITE ANALYSIS:

TOTAL	32.50 AC
AREA DISTURBED	3.80 AC
AREA TO BE ROOFED OR PAVED	0 SF
AREA TO BE VEGETATION STABILIZED	3.80 AC
TOTAL CUT	0 CY
TOTAL FILL	0 CY
OFFSITE WASTE/BORROW AREA LOCATION	N/A
- 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 PERMETER EROSION AND SEDIMENT CONTROL STRUCTURES. APPROVALS FOR TEMPORARY SEEDING OR GRADING, OTHER BUILDING OR GRADING INSPECTIONS 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.
- ESTIMATES OF EARTHWORK QUANTITIES ARE PROVIDED SOLELY FOR THE PURPOSE OF CALCULATING FEES.

FOREST CONSERVATION WORKSHEET:

NET TRACT AREA: A. TOTAL TRACT AREA 3.30 AC B. AREA WITHIN 100' FLOORPLAN 0.00 AC C. NET TRACT AREA 3.30 AC

LAND USE CATEGORY (FROM TABLE 3.2.1, PAGE 40, MANUAL)

INPUT THE NEAREST APPROPRIATE LAND USE ZONING, AND LIMIT TO ONLY ONE ENTRY.

AREA	MOR	IDA	HDR	MPD	CA
1	0	0	1	0	0

EXISTING FOREST COVER:
 E. EXISTING FOREST COVER (EXCLUDING FLOORPLAN) = 3.30 AC
 F. AREA OF FOREST W/ W/ CONSERVATION THRESHOLD = 2.84 AC

BREAK EVEN POINT:
 J. FOREST RETENTION WITH NO MITIGATION REQUIRED = 1.28 AC
 K. CLEARING PERMITTED WITHOUT MITIGATION = 2.27 AC

PROPOSED FOREST CLEARING:
 L. TOTAL AREA OF FOREST TO BE CLEARED = 3.30 AC
 M. TOTAL AREA OF FOREST TO BE RETAINED = 0.00 AC

PLANTING REQUIREMENTS:
 N. RESTORATION FOR CLEARING BELOW CONSERVATION THRESHOLD = 0.71 AC
 O. RESTORATION FOR CLEARING ABOVE CONSERVATION THRESHOLD = 0.00 AC
 P. TOTAL RESTORATION REQUIRED = 0.71 AC
 Q. TOTAL AFForestation REQUIRED = 0.00 AC
 R. TOTAL REFORESTATION AND AFForestation REQUIRED = 2.12 AC

LANDSCAPE PLANTING SCHEDULE:
 1" CALIPER TREES ON 15'x15' GRID (2.13 AC @ 14300 PER AC) @ 220' = 413 TREES

SURETY REQUIRED:
 (0.50)597.13 AC / (43560 SF/AC) = \$46,391

BY THE DEVELOPER:
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE DESIGN AND CONSTRUCTION OF THIS PROJECT HAVE BEEN ATTENDED BY A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM. I/WE HEREBY CERTIFY THAT NO DESIGN BEFORE THE PROJECT IS ALSO APPLICABLE PERIODIC ON-SITE INSPECTION BY THE HOWARD COUNTY SEDIMENT CONTROL

SIGNATURE OF DEVELOPER DATE

BY THE ENGINEER:
 I/WE CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL IS IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, AND THAT IT WAS PREPARED BY ME OR UNDER MY SUPERVISION AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SEDIMENT CONTROL DISTRICT.

SIGNATURE OF ENGINEER DATE

PERMANENT SEEDING NOTES

- APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.
- SEEDS PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DRIVING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.
- SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING FOLLOWINGS:
- PREFERRED-APPLY 2 TONS PER ACRE DOLOMITE LIMESTONE (92 LBS/1000 SQ.FT.) AND 100 LB. OF SUPERPHOSPHATE (14 LBS/1000 SQ.FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. APPLY AT RATE OF 40 LBS PER ACRE 30-0-0 UREA/FORM FERTILIZER (9 LBS/1000 SQ.FT.)
 - ACCEPTABLE-APPLY 2 TONS PER ACRE DOLOMITE LIMESTONE (92 LBS/1000 SQ.FT.) AND APPLY 100 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 NOVEMBER 15, SEED WITH 1/2 BUDEL PER ACRE OF ANNUAL SEEDS (29 LBS/1000 SQ.FT.) FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 40 LBS. PER ACRE OF WINTER COVERINGS. DURING THE PERIOD OF NOVEMBER 1 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOLO 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 GRAN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (6 GAL/1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS OR SLOPES OF 8% 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.
- SEEDING FOR PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 15 THRU NOVEMBER 15, SEED WITH 1/2 BUDEL PER ACRE OF ANNUAL SEEDS (29 LBS/1000 SQ.FT.) FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 3 LBS. PER ACRE OF WINTER COVERINGS (27 LBS/1000 SQ.FT.) DURING 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 SOLO.
- MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNROTTED SMALL GRAN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (6 GAL/1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS OR SLOPES OF 8% 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.

TEMPORARY SEEDING NOTES

- SEEDS PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DRIVING 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 AUGUST 15 THRU NOVEMBER 15, SEED WITH 1/2 BUDEL PER ACRE OF ANNUAL SEEDS (29 LBS/1000 SQ.FT.) FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 3 LBS. PER ACRE OF WINTER COVERINGS (27 LBS/1000 SQ.FT.) DURING 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 SOLO.
- MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNROTTED SMALL GRAN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (6 GAL/1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS OR SLOPES OF 8% 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.
- F. FOR SITES HAVING DISTURBED AREAS OVER 5 ACRES:
 A. ON SOIL MEETING TOPSOIL SPECIFICATIONS, OBTAIN TEST RESULTS INCLUDING FERTILIZER AND LIMB AMENDMENTS REQUIRED TO BRING THE SOIL INTO COMPLIANCE WITH THE FOLLOWING:
 B. PH FOR TOPSOIL SHALL BE BETWEEN 6.0 AND 7.5. IF THE TESTED SOIL DEMONSTRATES A PH OF LESS THAN 6.0, SUFFICIENT LIME SHALL BE PRESCRIBED TO RAISE THE PH TO 6.0 OR HIGHER.
 C. ORGANIC CONTENT OF TOPSOIL SHALL BE NOT LESS THAN 1.0 PERCENT BY WEIGHT.
 D. TOPSOIL HAVING SOLUBLE SALT CONTENT GREATER THAN 500 PARTS PER MILLION SHALL NOT BE USED.
 E. NO SOI OR SED SHALL BE PLACED ON SOIL SOIL WHICH IS NOT ACCORDATE TO PRODUCE VEGETATIVE GROWTH.
 F. WOOD, LIMB, LIMB AND LIMB SHALL BE PERMITTED TO REMAIN FOR WEED CONTROL UNTIL SUFFICIENT TIME HAS ELAPSED TO ALLOW FOR THE PERMIT DISSIPATION OF PHYTO-TOXIC MATERIALS.
 G. TOPSOIL SUBSTITUTES OR AMENDMENTS, AS RECOMMENDED BY A QUALIFIED AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE AUTHORITY, MAY BE USED IN LIEU OF NATURAL TOPSOIL.
- V. PLANT TOPSOIL (IF REQUIRED) AND APPLY SOIL AMENDMENTS SPECIFIED IN SOIL VEGETATION STABILIZATION-SECTION I-VEGETATIVE STABILIZATION METHODS AND MATERIALS.
- VI. TOPSOIL APPLICATION
 A. WHEN TOPSOILING, MAINTAIN NEEDED EROSION AND SEDIMENT CONTROL PRACTICES SUCH AS DIVERSIONS, GRACE STABILIZATION STRUCTURES, EARTH DIKES, SLOPE SILT FENCE AND SEDIMENT TRAPS AND BASINS.
 B. GRADES ON THE AREAS TO BE TOPSOILED, WHICH HAVE BEEN PREVIOUSLY ESTABLISHED, SHALL BE MAINTAINED, ALBERT 4" - 8" HIGHER IN ELEVATION.
 C. TOPSOIL SHALL BE UNIFORMLY DISTRIBUTED IN A 4" - 6" LAYER AND LIGHTLY COMPACTED TO A MINIMUM THICKNESS OF 4". SPREADING SHALL BE PERFORMED IN SUCH A MANNER THAT SOODING AND SEEDING CAN PROCEED WITH A MINIMUM OF ANCHORING. 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.
 D. TOPSOIL SHALL NOT BE PLACED WHILE THE TOPSOIL OR SUBSOIL IS FROZEN OR MOIST CONDIION, WHICH THE SUBSOIL IS EXCESSIVELY WET OR IN A CONDITION THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING AND SEEDBED PREPARATION.

DEVELOPER'S/BUILDER'S CERTIFICATE
 I/WE CERTIFY THAT THE LANDSCAPE SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 18.2(A) OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL. I/WE HEREBY CERTIFY THAT UPON COMPLETION, A LETTER OF LANDSCAPE INSTALLATION, ACCOMPANIED BY AN EXCITED ONE (1) YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

SIGNATURE OF DEVELOPER DATE

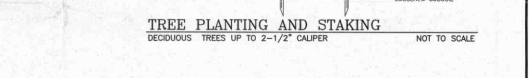
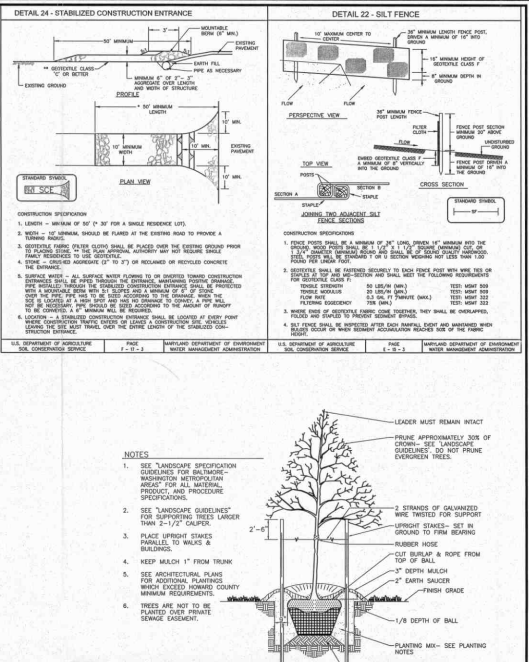
SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT.
- NOTIFY HOWARD COUNTY BUREAU OF INSPECTIONS AND PERMITS (410.313.1800) AT LEAST 24 HOURS BEFORE STARTING ANY WORK.
- CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE AND PERMETER CONTROLS. (2 DAYS)
- AFTER OBTAINING PERMISSION FROM THE SEDIMENT CONTROL INSPECTOR TO PROCEED, BEGIN REMOVAL OF TREE STUMPS AND FINE GRADE. (1 WEEKS)
- UPON STABILIZATION OF ALL DISTURBED AREAS AND WITH THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR, REMOVE ALL SEDIMENT CONTROL DEVICES. (2 WEEKS)
- INSTALL ALL REQUIRED LANDSCAPING. (2 WEEKS)

- 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 RESTORATION, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN THE PERIODS SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, TEMPORARY SEEDING, MULCHING AND STAKING, AND LESS THAN 31, (B) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

TREES	SYMBOLS	SIZE	SPEED	QTY
WHITE PINE	PS	1" 17 GAL. 5'-8"	84	
PIN OAK	OP	1" 5 GAL. 5'-8"	83	
RED MAPLE	AR	1" 5 GAL. 5'-8"	82	
RIVER BIRCH	BN	1" 5 GAL. 5'-8"	82	
RED BUD	CC	1" 5 GAL. 5'-8"	82	
TOTAL				413

- GENERAL TREE SPACING TEMPLATE
SCALE 1/8"=1'-0"
- NOTES:
- INSTALLATION INCLUDES TREE SHELTERS AND WOOD CHIP MULCH, STAKING IF NECESSARY.
 - INCLUDES MINOR WATERING OF ALL INSTALLED MATERIAL, SLOW RELEASE FERTILIZER, AND TERRA-SORB.
 - 1 YEAR TREE SURVIVAL WARRANTY PROVIDING PROPER ORNER MAINTENANCE, WARRANTY EXCLUDES DAMAGE FROM ANIMAL PREDATION, VANDALISM OR OTHER ACTS OF NATURE.
 - PROPOSAL ASSUMES ALL PLANTING AREAS WILL BE READY FOR PLANTING AND ACCEPTAL TOPSOIL FOR PLANTING WILL BE WITHIN AN 0.2 OF FINISHED GRADE.



LANDSCAPE SCHEDULE NOTE:

- ALL PLANT MATERIALS SHALL BE FULL AND HEAVY, BE WELL FORMED AND SYMMETRICAL, CONFORM TO THE MOST CURRENT ASN SPECIFICATIONS AND BE INSTALLED IN ACCORDANCE WITH HOWARD COUNTY PLANTING SPECIFICATIONS.
- CONTRACTOR SHALL VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO DIGGING.
- FINAL LOCATION OF PLANT MATERIAL MAY NEED TO VARY TO MEET FINAL FIELD CONDITIONS. TREES SHALL NOT BE PLANTED IN THE BOTTOM OF CHANNELS, SWALES, OR OTHER DEPRESSIONS.
- CONTRACTOR SHALL VERIFY PLANT QUANTITIES PRIOR TO BRIDGING, IF PLAN DEVIERS FROM LANDSCAPE SCHEDULE, THE PLANT SCHEDULE SHALL PREVAIL.

RECEIVED
MAR 9 2009

NO. _____ REVISION _____ DATE _____

GRADING PLAN DETAILS
 ST. JOHN'S CEMETERY
 OF HOWARD COUNTY, INC.
 (E.162F.240, L470F.407)

TAX MAP 24 GRID 11 PARCEL 758
 191 ELECTION DISTRICT HOWARD COUNTY, MARYLAND

ROBERT H. VOGEL ENGINEERING, INC.
 ENGINEERS • SURVEYORS • PLANNERS
 8407 MARLBOROUGH BLVD., SUITE 110-112, ELLETTT CITY, MD 21143 FAX: 410.461.9991

DESIGN BY: RHY
 DRAWN BY: KSC
 CHECKED BY: RHY
 DATE: FEBRUARY 2009
 SCALE: 1"=100'
 W.O. NO.: 08-37

PROFESSIONAL CERTIFICATE
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR BY A LICENSEE UNDER MY SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER IN THE STATE OF MARYLAND, LICENSE NO. 18163 EXPIRES 09-30-2010

1
2
3
2 SHEET OF 3
BL

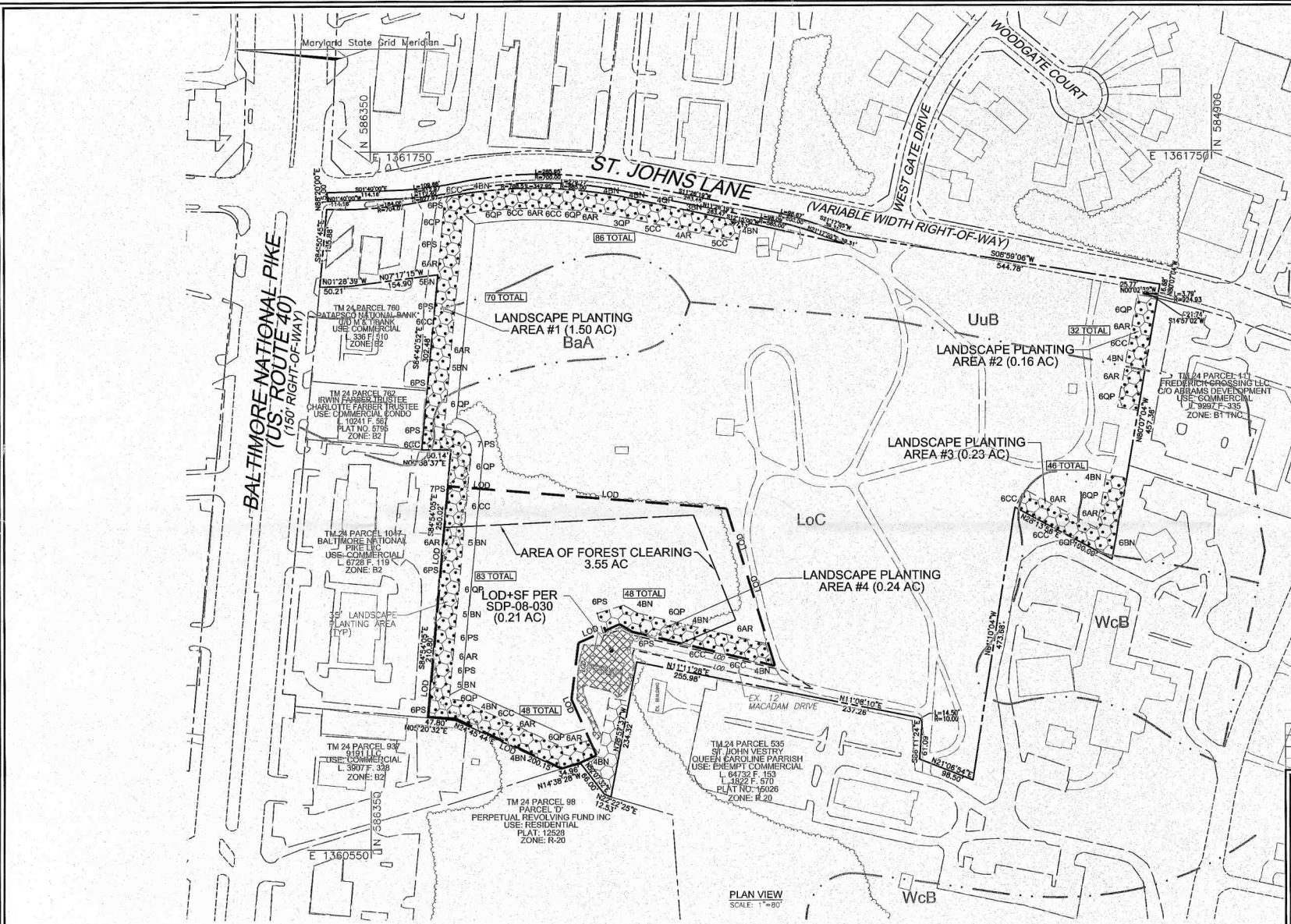
TYPICAL EVERGREEN TREE PLANTING DETAIL
 NOT TO SCALE

1. TREE SHIELD AND SPECIAL REQUIREMENTS ARE THE MINIMUM NUMBERS INDICATED TO MEET THE SPECIFICATION OF THESE TREES ONLY. ALL OTHERS, INCLUDING BRANCHES, EXPOSED ROOTS, AND SPECIAL REQUIREMENTS MAY BE APPLICABLE. REFER TO THE REQUIREMENTS OF AN EXCITED ONE (1) YEAR GUARANTEE OF PLANT MATERIALS FOR MORE INFORMATION.

2. MULCH: PLANT SAUCER PLANT SAUCER PLANT SAUCER FROM TOP 1/2 OF BALL STIKES BARKFUL MATERIAL COMPLETELY EXCEL MATERIAL 6" MIN.

3. ALL SIDES

OWNER/DEVELOPER
 ST JOHN'S CEMETERY OF HOWARD COUNTY, INC.
 3480 SAINT JOHNS LANE
 ELLETTT CITY, MD 21142



NO.	REVISION	DATE
GRADING PLAN LANDSCAPE PLAN ST. JOHN'S CEMETERY OF HOWARD COUNTY, INC. (L 162/F 240, L 4070/F 407)		
TAX MAP 24	GRID 11	PARCEL 768
1ST ELECTION DISTRICT		HOWARD COUNTY, MARYLAND
ROBERT H. VOGEL ENGINEERS & SURVEYORS, INC. ENGINEERS • SURVEYORS • PLANNERS 8407 MAIN STREET ELLICOTT CITY, MD 21043 TEL: 410-461-7666 FAX: 410-461-1896		
STATE OF MARYLAND 		PROFESSIONAL CERTIFICATE I HEREBY CERTIFY THAT THESE DRAWINGS 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. 16183 EXPIRES DATE: 09-27-2019
DESIGN BY: _____	RVV	
DRAWN BY: _____	KS	
CHECKED BY: _____	RVV	
DATE: _____	FEBRUARY 2023	
SCALE: _____	1"=80'	
W/O NO.: _____	68.52	
OWNER/DEVELOPER ST. JOHN'S CEMETERY OF HOWARD COUNTY, INC. 3480 SAINT JOHN'S LANE ELLICOTT CITY, MD 21042		SHEET 3 OF 3
ROBERT H. VOGEL, PE #16183		

BY THE DEVELOPER:
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN FOR EROSION AND SEDIMENT CONTROL, AND THAT ALL RESPONSIBLE PERSONS INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENTION FROM A DEPARTMENT OF THE ENVIRONMENT APPROVED DESIGN PROFESSIONAL FOR THE CONTROL OF EROSION AND SEDIMENT CONTROL, INCLUDING THE USE OF BEST MANAGEMENT PRACTICES, ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.

SIGNATURE OF DEVELOPER _____ DATE _____

BY THE ENGINEER:
 I/WE CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A FEASIBLE AND KNOWLEDGEABLE PLAN BASED ON MY PERSONAL KNOWLEDGE AND CONSIDERATION OF THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

SIGNATURE OF ENGINEER _____ DATE _____

DEVELOPER'S/BUILDER'S 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 HOWARD COUNTY LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION, A LETTER OF LANDSCAPE INSTALLATION, ACCOMPANIED BY AN EXCISED ONE (1) YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

SIGNATURE OF DEVELOPER _____ DATE _____

PLAN VIEW
 SCALE: 1"=80'

OWNER/DEVELOPER
 ST. JOHN'S CEMETERY OF HOWARD COUNTY, INC.
 3480 SAINT JOHN'S LANE
 ELLICOTT CITY, MD 21042

HOWARD S.C.D. _____ DATE _____

BL WP09.084 GP.