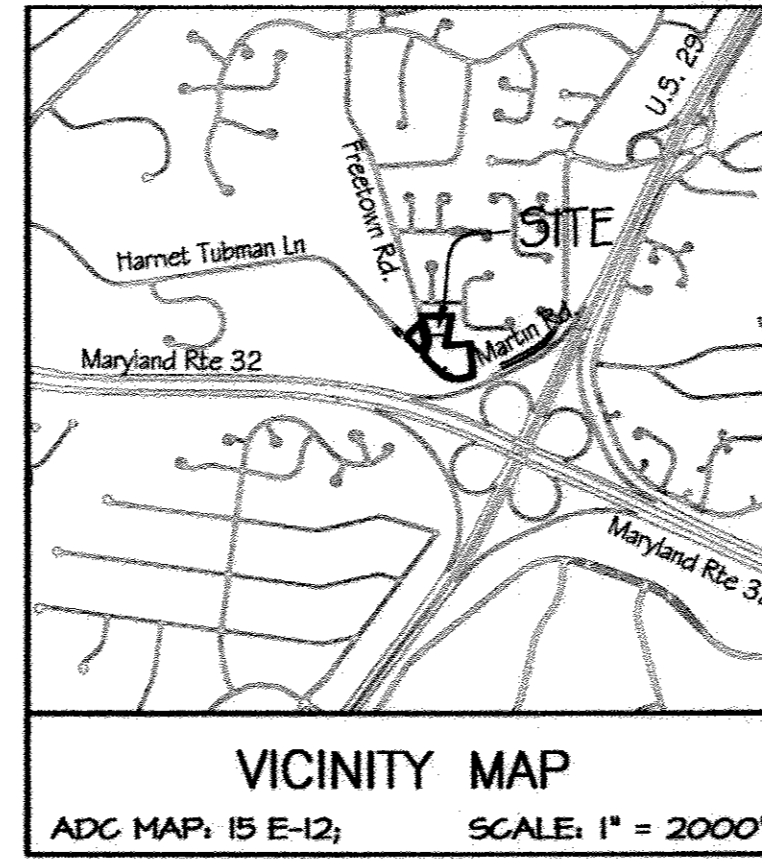


Symbol	Description	Area	Notes
A	GROSS PROPERTY AREA	260,489 S.F.	5.98 ACRE
B	AREA OF ROAD DEDICATION	0 S.F.	0.00 ACRE
C	TOTAL AREA OF LOD (SWM STUDY AREA)	50,568 S.F.	1.16 ACRE
D	TOTAL IMPERVIOUS AREA	22,466 S.F.	0.52 ACRE
E	TOTAL GREEN OPEN AREA	28,102 S.F.	0.65 ACRE
F	INTERMITTENT OR PERENNIAL STREAM	0 S.F.	0 L.F.
G	TOTAL STREAM BUFFER	0 S.F.	0.00 ACRE
H	TOTAL WETLAND	0 S.F.	0.00 ACRE
I	TOTAL AREA OF WETLAND BUFFER	0 S.F.	0.00 ACRE
J	TOTAL 100 YR FLOODPLAIN	0 S.F.	0.00 ACRE
K	TOTAL AREA OF FLOODPLAIN BUFFER	0 S.F.	0.00 ACRE
L	TOTAL FOREST	0 S.F.	0.00 ACRE
M	TOTAL AREA OF STEEP SLOPE 15%+	0 S.F.	0.00 ACRE
N	TOTAL AREA OF ERODIBLE SOIL	6,098 S.F.	0.14 ACRE

TABLE 5.1 NATURAL RESOURCES

NATURAL RESOURCE	PRESENT ONSITE	PROTECTIVE MEASURES
WETLANDS	NO	
MAJOR WATERWAYS	NO	
FLOODPLAINS	NO	
TIDAL AND NONTIDAL WETLANDS	NO	
WETLANDS OF SPECIAL STATE CONCERN	NO	
WETLAND BUFFERS	NO	
STREAM BUFFERS	NO	
PERENNIAL STREAMS	NO	
FLOODPLAINS	NO	NO IMPACTS - OUT OF LOD
FORESTS	NO	
FOREST BUFFERS	NO	
CRITICAL AREAS	NO	
STEEP SLOPES	NO	
HIGHLY ERODIBLE SOILS	YES	CONSTRUCT SHALES WITH UNDERDRAINS
ENHANCED STREAM BUFFERS	NO	
TOPOGRAPHY / SLOPES	YES	MAINTAIN DRAINAGE PATTERNS
SPRINGS	NO	
SEEPS	NO	
INTERMITTENT STREAMS	NO	
VEGETATIVE COVER	YES	INCREASE OPEN SPACE AND ENHANCE FILTERING
SOILS	YES	ENHANCE FILTERING
BEDROCK / GEOLOGY	NO	
EXISTING DRAINAGE AREAS	YES	MAINTAIN DRAINAGE PATTERNS



SHEET NO.	DESCRIPTION
1	COVER SHEET
2	EXISTING CONDITIONS
3	DRAINAGE AREA

GENERAL NOTES:

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MEHA STANDARDS AND SPECIFICATIONS IF APPLICABLE.
- THE EXISTING TOPOGRAPHY IS TAKEN FROM FIELD RUN SURVEY WITH TWO FOOT CONTOUR INTERVALS PREPARED BY AXIOM ENGINEERING DESIGN, LLC DATED BY 4, 2015.
- THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL, WHICH ARE BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM, HOWARD COUNTY MONUMENT NO. 410G WAS USED FOR THIS PROJECT.
- MATER AND SENER FOR THIS PROJECT IS PUBLIC, CAPITAL PROJECT M-012, CONTRACT NUMBER 24-3265.
- THE PROJECT SITE IS WITHIN THE LITTLE PATUXENT WATERSHED.
- MEHA MAPS DO NOT SHOW A FLOODPLAIN LOCATED ON THIS SITE.
- NETLAND INDICATORS WERE NOT OBSERVED ON SITE.
- NO SLOPES GREATER THAN 25% ARE LOCATED WITHIN THE STUDY AREA.
- NO FOREST WAS IDENTIFIED WITHIN THE STUDY AREA PER ENVIRONMENTAL CERTIFICATION LETTER PREPARED BY DS THALER & ASSOC. LLC DATED APRIL 19, 2017.
- ONE (1) SPECIMEN TREE WAS IDENTIFIED WITHIN THE STUDY AREA.
- PROJECT BACKGROUND INFORMATION
- LOCUST UNITED METHODIST CHURCH
- TAX MAP 41 GRID C6
- TRACT AREA
- 11.3.1. PARCEL 216 = 0.95 ACRE
- 11.3.2. PARCEL 283 = 4.10 ACRE
- 11.3.3. PARCEL 284 = 0.98 ACRE
- 11.3.4. TOTAL AREA = 5.98 ACRE
12. EXISTING LOT COVERAGE = 0.11 ACRE = 2.0% +/-
13. PROPOSED LOT COVERAGE = 0.11 ACRE = 3.0% +/-
14. ZONING DISTRICT: R-5C (MEDIUM DENSITY RESIDENTIAL)
15. THE SUBJECT PROPERTY IS LOCATED AT THE INTERSECTION OF HARRIET TUBMAN LANE (AKA, MARTIN ROAD) AND FREETOWN ROAD.
16. PREVIOUS CASES
- 16.0.1. BA 05-0271 CIV (PROJECT NOT BUILT)
- 16.0.2. NONCONFORMING USE: NGU IT-002
- 16.0.3. CONDITIONAL USE: IT-006 C & V
17. THERE ARE TWO (2) CEMETERIES (41-1 AND 41-2) LOCATED WITHIN THE BOUNDARY OF THIS PROPERTY.
18. THIS PROPERTY BACKS UP TO COLUMBIA'S VILLAGE OF HICKORY RIDGE.
19. CONDITIONAL USE REQUESTED: RELIGIOUS FACILITY, SECTION 13U.42
20. LAND USE
- 20.1. EXISTING LAND USE: RELIGIOUS FACILITY
- 20.2. PROPOSED LAND USE: RELIGIOUS FACILITY
21. DO PRESCHOOL OR DAYCARE WILL TAKE PLACE ON SITE, HENCE NO NET GAIN FOR TRAFFIC HILL OCCUR.
22. AREA OF LIMIT OF DISTURBANCE: 38,344 SF ±
23. THIS DEVELOPMENT IS FOR A 1,140 SQUARE FOOT ADDITION TO THE EXISTING RELIGIOUS FACILITY AND RELOCATION OF THE EXISTING PARKING LOT.
24. BUILDING HEIGHT:
- 24.1. EXISTING BUILDING = 3' ±
- 24.2. PROPOSED BUILDING ADDITION = 32' ±
25. HOWARD COUNTY FUNCTIONAL ROAD CLASSIFICATION MAP 1-3 SHOWS HARRIET TUBMAN LANE, MARTIN AND FREETOWN ROADS TO BE MAJOR COLLECTORS.
26. PARKING TABULATION (SEC. 13.0 D.51.6)
- 26.1. EXISTING ASSEMBLY/OFFICE AREA: 1,140 SF @ 10 SF/1000 SF = 11 SF
- 26.2. PROPOSED ASSEMBLY AREA: 1,140 SF @ 10 SF/1000 SF = 12 SF
- 26.3. TOTAL REQUIRED PARKING = 23 SF
- 26.4. PARKING PROVIDED:
- 26.4.1. HANDICAP PARKING = 2 SP
- 26.4.2. HANDICAP VAN PARKING = 1 SP
- 26.4.3. STANDARD PARKING = 42 SP
- 26.4.4. TOTAL PARKING PROVIDED = 45 SP
27. TREE PROTECTION MEASURES FOR THE SPECIMEN TREE WILL BE SHOWN ON THE ESC PLAN.
28. THIS PROJECT IS EXEMPT FROM THE FOREST CONSERVATION REQUIREMENTS UNDER SECTION 16.12.02
- (2) EXEMPTIONS REQUIRING A DECLARATION OF INTENT. THE FOLLOWING DEVELOPMENT IS EXEMPT FROM THE REQUIREMENTS OF THIS SUBTITLE, PROVIDED THAT THE DEVELOPER FILES A DECLARATION OF INTENT WITH THE DEPARTMENT AS PROVIDED IN SUBSECTION (C) BELOW:
- (1) DEVELOPMENT ON AN EXISTING SINGLE LOT OF ANY SIZE IF:
 - THE TOTAL CUTTING, CLEARING OR GRADING OF FOREST RESOURCES IS LESS THAN 40,000 SQUARE FEET; AND
- (2) THE FOREST RESOURCES AFFECTED BY THE DEVELOPMENT ARE NOT SUBJECT TO A PREVIOUSLY APPROVED FOREST CONSERVATION PLAN.

TABLE B.4.1 MATERIAL SPECIFICATIONS FOR MICRO-BIORETENTION, RAIN GARDENS & LANDSCAPE INFILTRATION

MATERIAL	SPECIFICATIONS	SIZE	NOTES
PLANTINGS	PLANTING PLAN TO BE PROVIDED	N/A	PLANTINGS ARE SITE-SPECIFIC
PLANTING SOIL (2' TO 4' DEEP)	LOAMY SAND (60-65%) & COMPOST (35-40%) OR SANDY LOAM (30%), COARSE SAND (30%) & COMPOST (40%)	N/A	USDA SOIL TYPES LOAMY SAND OR SANDY LOAM; CLAY CONTENT < 5%
ORGANIC CONTENT	MIN. 10 % BY DRY WEIGHT (ASTM D-2914)		
MULCH	SHREDDED HARDWOOD		AGED 6 MONTHS, MINIMUM; NO PINE OR WOOD CHIPS
PEA GRAVEL DIAPHRAGM	PEA GRAVEL, ASTM D-448	NO. 8 OR NO. 9 (1/8" TO 3/8")	
CURTAIN DRAIN	ORNAMENTAL STONE, WASHED COBBLES	STONE: 2" TO 5"	
GEOTEXTILE		N/A	PE TYPE I NONWOVEN
GRAVEL (UNDERDRAINS AND INFILTRATION BERMS)	AA-SHTO M-43	NO. 57 OR NO. 6 AGGREGATE (3/8" TO 3/4")	
UNDERDRAIN PIPING	ASTM F 750, TYPE PS 28 OR AA-SHTO M-218 (OR APPROVED EQUAL)	4" TO 6" RIGID SCHEDULE 40 PVC OR SDR 35	SLOTTED OR PERFORATED PIPE, 3/8" PERF. @ 6" ON CENTER, 4 HOLES PER ROW, MINIMUM OF 3" OF GRAVEL OVER PIPES; NOT NECESSARY UNDERNEATH PIPES. PERFORATED PIPES SHALL BE WRAPPED WITH 1/4-INCH GALVANIZED HARDWARE CLOTH.
POURED IN PLACE CONCRETE (IF REQUIRED)	MEHA MIX NO. 3, f'c = 3500 psi @ 28 DAYS, NORMAL WEIGHT, AIR-ENTRAINED, REINFORCING TO MEET ASTM 615-60	N/A	ON-SITE TESTING OF POURED-IN-PLACE CONCRETE REQUIRED: 28-DAY STRENGTH AND SLUMP TEST; ALL CONCRETE DESIGN (CAST-IN-PLACE OR PRE-CAST) NOT USING PREVIOUSLY APPROVED STATE OR LOCAL STANDARDS REQUIRES DESIGN DRAWINGS SEALED AND APPROVED BY A PROFESSIONAL STRUCTURAL ENGINEER LICENSED IN THE STATE OF MARYLAND - DESIGN TO INCLUDE MEETING ACI CODE 308 R/204; VERTICAL LOADINGS [H-10 OR H-20], ALLOWABLE HORIZONTAL LOADINGS (BASED ON SOIL PRESSURES); AND ANALYSIS OF POTENTIAL CRACKING
SAND	AA-SHTO M-6 OR ASTM C-33	0.02" TO 0.04"	SAND SUBSTITUTIONS SUCH AS DIABASE AND GRAYSTONE (AASHTO) #10 ARE NOT ACCEPTABLE. NO CALCIUM CARBONATED OR DOLOMITIC SAND SUBSTITUTIONS ARE ACCEPTABLE. NO "ROCK DUST" CAN BE USED FOR SAND.

LOCATION	DIMENSIONS	DRAINAGE AREA	IMPERVIOUS AREA	IMPERVIOUS AREA TREATED	STORAGE VOLUME (ESV) (75%)	TREATMENT VOLUME (ESV) (100%)	P _r REQUIRED	P _r PROVIDED
MICRO-BIORETENTION BMP #1 (4'-6")	AREA = 66 sf MEDIA DEPTH = 2" PONDING DEPTH = 4"	1,482 sf	842 sf	842 sf	142 cf	157 cf	1.0"	2.60"
DISCONNECTION OF ROOFTOP RAFFTS (4'-0")	4.78sf	1,724 sf	1,724 sf	1,740 sf	N/A	131 cf	1.0"	1.0"
MICRO-BIORETENTION BMP #2 + BMP #3 (8'-6")	AREA = 161 sf MEDIA DEPTH = 2" PONDING DEPTH = 4"-21"	1,33,147 sf	10,370 sf	10,370 sf	2,654 cf	3,545 cf	1.0"	2.33"

NOTE: CALCULATION CONSIDERS DRAINAGE TO TWO SEPARATE FACILITIES FOR SIMPLICITY.

DESIGN NARRATIVE:

GENERAL SITE CONDITIONS:

Locust United Methodist Church is located at 6851 Martin Road in the Columbia area of Howard County, and is identified as Parcels 283, 284, and 216, on Tax Map 41. The three parcels with a combined area of 5,987/- acres are currently zoned R-5C (Residential - Single Cluster). The site is within the Little Patuxent Watershed, which is designated Class IV-P (upstream of US Route 1). Parcel 283, 4.16 +/- acres, is on the west and east sides of Freetown Road. The portion of the parcel west of Freetown Road is unimproved and is predominately wooded. The east side is improved with an existing church, cemetery, and gravel parking lot. Parcel 284, 0.98 +/- acres, is improved with a cemetery and a portion of the parking lot. The parsonage is located on Parcel 216, 0.95 +/- acres. An ephemeral stream runs through a wooded area along the northern property line. No wetlands, floodplains, or steep slopes have been identified on the parcels. This analysis encompasses the proposed improvements to include a building addition on the eastern side of the church and a relocated parking lot in the eastern portion of the site in front of the existing parsonage. Development will be limited to the area of existing open space in the southeastern portion of the site to minimize disturbances to the grasslands located around the church building to the north and west. Impervious areas will be minimized to the maximum extent practicable. The parking lot will have minimal curb to allow sheet flow into the perimeter vegetated areas. A micro-bioretention area will be incorporated at the end of the parking lot to the east and an additional micro-bioretention area will be provided to the north of the parsonage to provide treatment for overland flows.

- NATURAL RESOURCE PROTECTION: Development will be limited to the open areas adjacent to the existing buildings due to the cemetery present onsite. Disturbance will not be within the buffer areas.
- MAINTENANCE OF FLOW PATTERNS: The disconnection of rooftop runoff will direct dispersed discharge into the down-stream cemetery and onsite stream and the micro-bioretention areas will direct discharge toward the onsite stream to the northeast.
- REDUCTION OF IMPERVIOUS AREAS THROUGH BETTER SITE DESIGN, ALTERNATIVE SURFACES, AND NONSTRUCTURAL PRACTICES: The existing impervious area will be reduced in the vicinity of the existing church. The remaining treatment will be provided through disconnection and micro-practices. The proposed parking area will be limited to the open area between the existing buildings and the adjacent Martin Road.
- INTEGRATION OF EROSION AND SEDIMENT CONTROLS INTO STORMWATER STRATEGY: The stormwater management for the proposed parking area will be located along the perimeter which can easily incorporate erosion and sediment control measures during construction.
- IMPLEMENTATION OF ESD PLANNING TECHNIQUES AND PRACTICES TO THE MAXIMUM EXTENT PRACTICABLE (MEP): The full required ESD volume is being provided through disconnection of rooftop runoff and micro-practices.
- REQUEST FOR A DESIGN MANUAL WAIVER: No waivers are required.

SYMBOL	SOIL NAME	CLASS	K FACTOR	HIGHLY ERODIBLE
G1B	GLADSTONE-URBAN LAND COMPLEX, 0 TO 8 PERCENT SLOPES	A	0.28	NO
GmB	GLENVILLE SILT LOAM 5 TO 8 PERCENT SLOPES	C	0.43	YES

APPROVED: DEPARTMENT OF PLANNING AND ZONING

K. S. L. L. 12/21/17
Chief, Land Development Division/NH Date

C. J. L. 12.22.17
Chief, Engineering Division Date



DRAWN BY: KT6
DESIGNED BY: MC
CHECKED BY: MC

DS Thaler & Assoc., LLC.
CIVIL AND ENVIRONMENTAL ENGINEERS, SURVEYORS
LANDSCAPE ARCHITECTS & LAND PLANNERS
1100 W. WASHINGTON BLVD., SUITE 101
COLUMBIA, MARYLAND 21044-1428
410-944-9647

OWNERS/DEVELOPERS:
UNITED METHODIST CHURCH
6851 MARTIN ROAD
COLUMBIA, MARYLAND 21044
ATTN: MS. JUDY BROWN
443-434-2235

REVISIONS

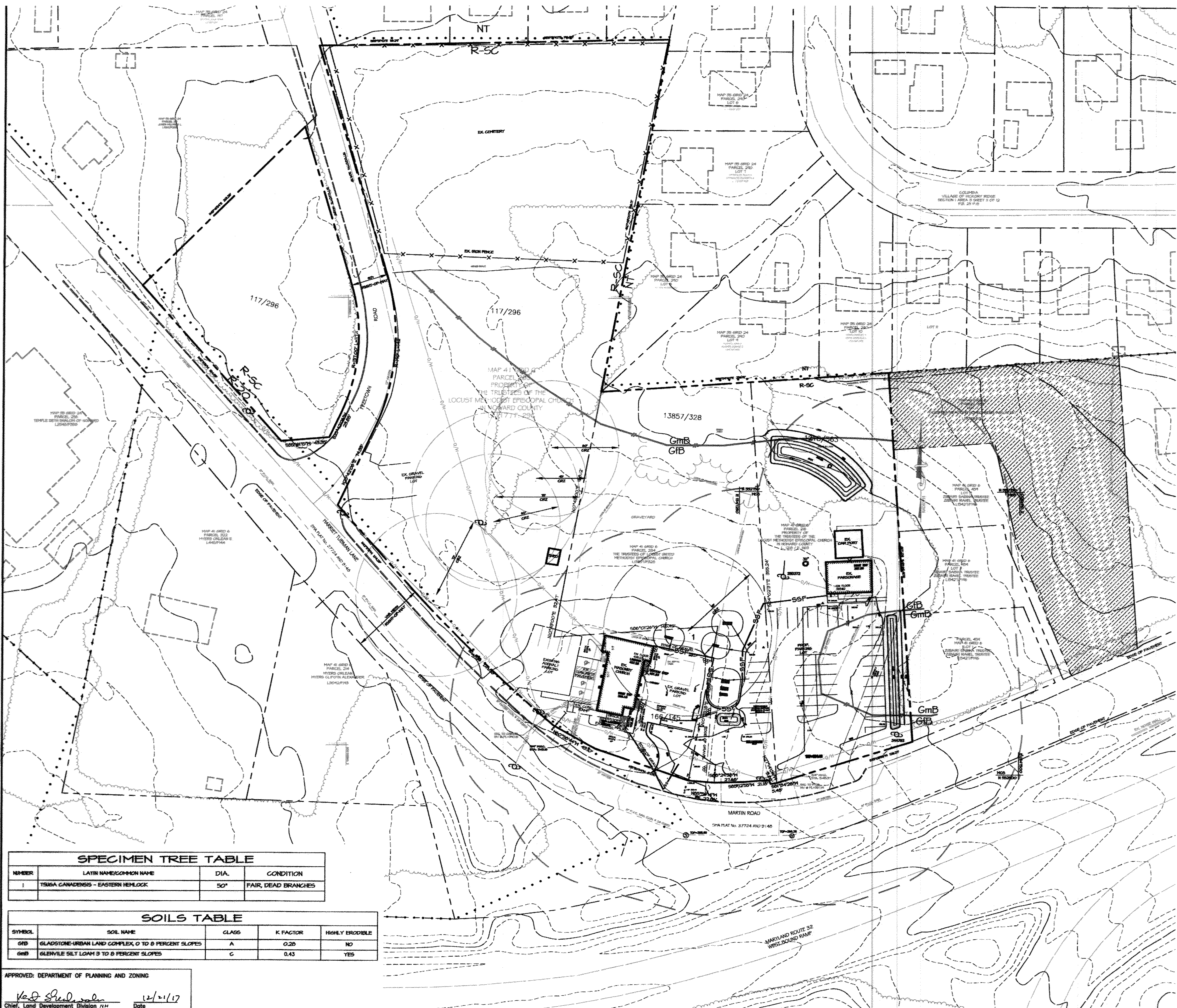
Date	Description
9/21/17	ADDRESS ECP COMMENTS
11/21/17	ADDRESS ECP COMMENTS

ENVIRONMENTAL CONCEPT PLAN
COVER SHEET
LOCUST UNITED METHODIST CHURCH
ZONING DISTRICT: R-5C
PARCELS: 216, 283 & 284
TAX MAP 41 GRID 6
ELECTION DIST. 5
HOWARD COUNTY, MARYLAND

PROFESSIONAL CERTIFICATION: 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. 50980, EXPIRATION DATE 01/22/2018.

SCALE: AS SHOWN
DATE: MARCH 23, 2017
SHEET: 1 OF 3

ECP-17-052



LEGEND

[Symbol]	BOUNDARY LINE
[Symbol]	LOT LINE
[Symbol]	EASEMENT
[Symbol]	EXISTING CONTOUR MAJOR
[Symbol]	EXISTING CONTOUR MINOR
[Symbol]	PROPOSED CONTOUR MAJOR
[Symbol]	PROPOSED CONTOUR MINOR
[Symbol]	EXISTING TREE LINE
[Symbol]	PROPOSED TREE LINE
[Symbol]	STREAM BUFFER
[Symbol]	EPHEMERAL STREAM
[Symbol]	FLOODPLAIN
[Symbol]	WETLAND
[Symbol]	WETLAND BUFFER
[Symbol]	SOILS
[Symbol]	ZONING DISTRICT LINE
[Symbol]	LIMIT OF DISTURBANCE
[Symbol]	EXISTING WATER LINE
[Symbol]	EXISTING SANITARY LINE
[Symbol]	EXISTING OVERHEAD POWER LINE
[Symbol]	ENVIRONMENTAL STUDY AREA
[Symbol]	SPECIMEN TREE W/ CRITICAL ROOT ZONE
[Symbol]	EX. FOREST CONSERVATION AREA
[Symbol]	EX. GRAVE SITE WITH 10' SETBACK (LOCATED WITH GROUND PENETRATING RADAR)

JOB NUMBER: 4078
 DRAWN BY: KTC
 DESIGNED BY: KTC
 CHECKED BY: KTC

DSThaler & ASSOC., LLC.
 CIVIL AND ENVIRONMENTAL ENGINEERS, SURVEYORS
 LANDSCAPE ARCHITECTS & LAND PLANNERS
 1115 AMBASSADOR ROAD, SUITE 101
 BALTIMORE, MARYLAND 21244-7429
 410-444-9647
 www.dsthaller.com

OWNERS/DEVELOPERS
 UNITED METHODIST CHURCH
 6851 MARTIN ROAD
 COLUMBIA, MARYLAND 21044
 ATTN: MS. JUDY BROWN
 443-494-2295

REVISIONS

Date	Description
4/21/11	ADDRESS ECP COMMENTS
11/21/11	ADDRESS ECP COMMENTS

**ENVIRONMENTAL CONCEPT PLAN
 EXISTING CONDITIONS
 LOCUST UNITED METHODIST
 CHURCH**

ZONING DISTRICT: R-SC
 TAX MAP 41 GRID 6 PARCELS: 216, 203 & 204
 ELECTION DIST: 5 HOWARD COUNTY, MARYLAND

SPECIMEN TREE TABLE

NUMBER	LATIN NAME/COMMON NAME	DIA.	CONDITION
1	TSUGA CANADENSIS - EASTERN HEMLOCK	50"	FAIR, DEAD BRANCHES

SOILS TABLE

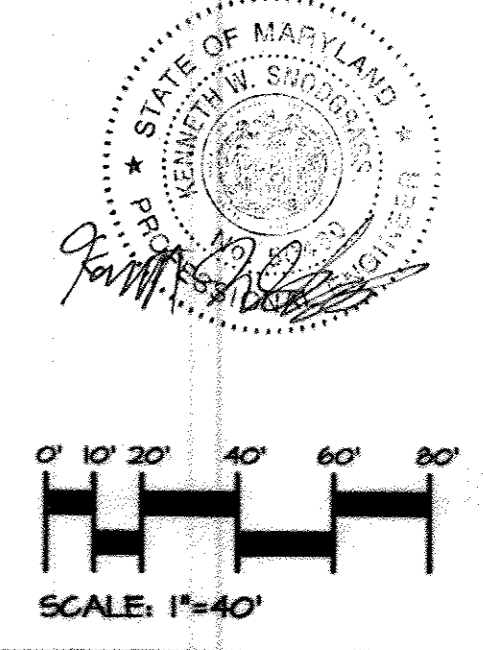
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GmD	GLENVILLE SILT LOAM 3 TO 8 PERCENT SLOPES	C	0.43	YES

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Karl Steinhilber 12/21/17
 Chief, Land Development Division /H/ Date

John F. ... 12.22.17
 Chief, Engineering Division /f/ Date

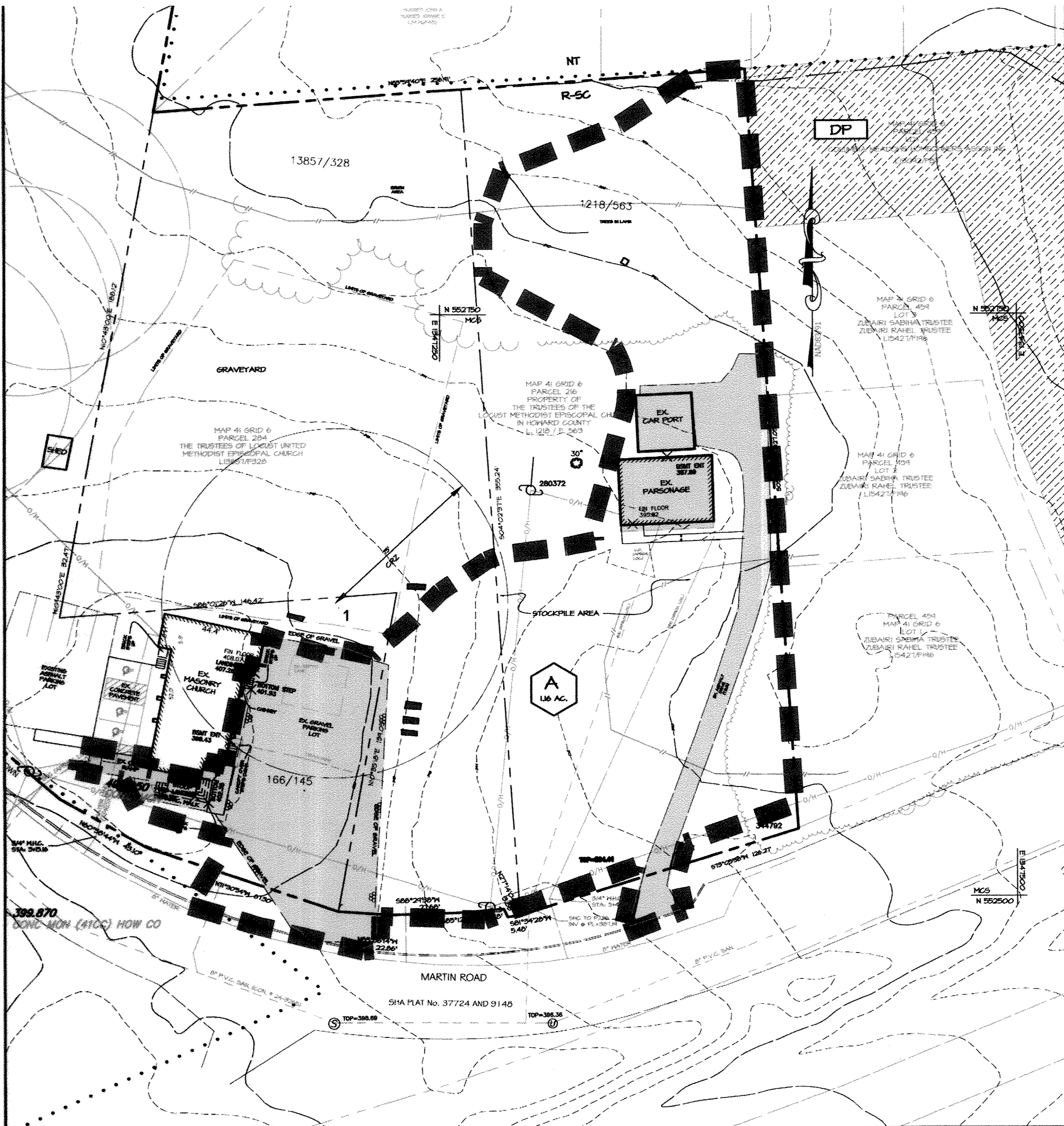
PLAN VIEW
 SCALE: 1" = 40'



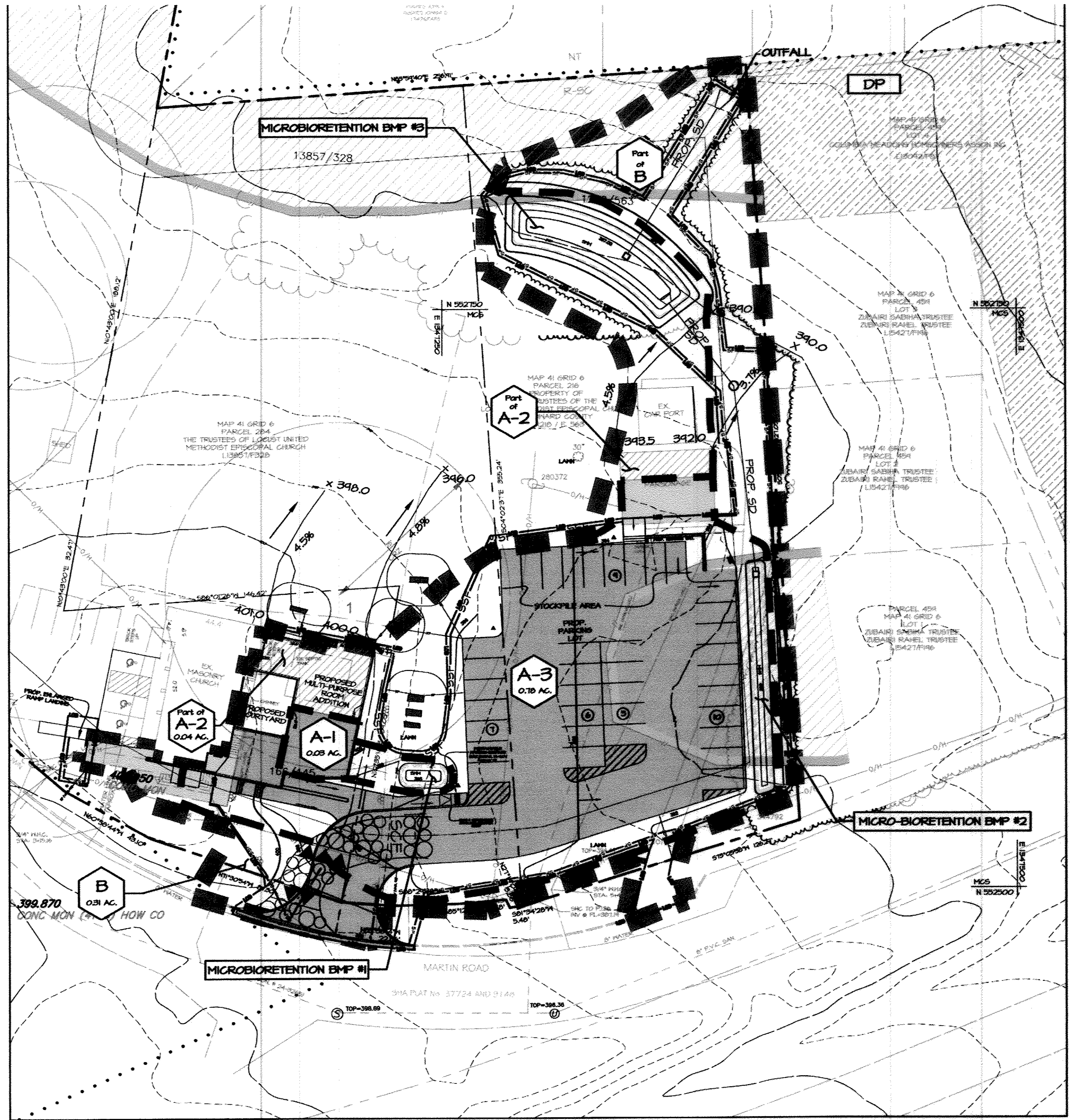
PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 50486, EXPIRATION DATE 02/22/2017.

SCALE: AS SHOWN
 DATE: MARCH 23, 2017
 SHEET: 2 OF 3

11-22-17



EXISTING CONDITIONS



PROPOSED CONDITIONS

SWM LEGEND

- LIMIT OF STUDY (ESD ANALYSIS)
- BMP DRAINAGE AREA LIMITS
- DRAINAGE AREA DESIGNATION
- MINIMUM $t_c = 0.1$ FOR ALL DRAINAGE AREAS.
- EX. IMPERVIOUS
- PROP. IMPERVIOUS
- DISCONNECTION OF ROOFTOP RUNOFF
- 'A' SOIL
- 'C' SOIL

LEGEND

- BOUNDARY LINE
- LOT LINE
- EASEMENT
- EXISTING CONTOUR MAJOR
- EXISTING CONTOUR MINOR
- PROPOSED CONTOUR MAJOR
- PROPOSED CONTOUR MINOR
- EXISTING TREE LINE
- PROPOSED TREE LINE
- STREAM BUFFER
- EPHEMERAL STREAM
- SOILS
- ZONING DISTRICT LINE
- LIMIT OF DISTURBANCE
- EXISTING WATER LINE
- EXISTING SANITARY LINE
- EXISTING OVERHEAD POWER LINE
- PROPOSED CURB AND GUTTER
- EX. FOREST CONSERVATION AREA

LEGEND

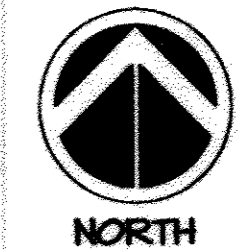
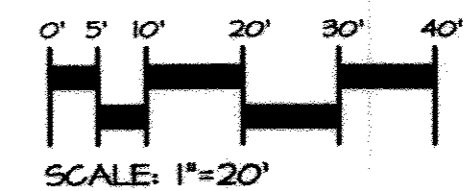
- STABILIZED CONSTRUCTION ENTRANCE
- SUPER SILT FENCE
- MOUNTABLE BERM
- TO BE REMOVED
- EX. GRAVE SITE WITH 10' SETBACK (LOCATED WITH GROUND PENETRATING RADAR)
- SPECIMEN TREE W/ CRITICAL ROOT ZONE

PROPOSED DRAINAGE AREA SUMMARY TABLE

	FACILITY	DRAINAGE AREA TOTAL (sf)	IMPERVIOUS AREA (sf)	ESD PROVIDED* (cf)	P _e PROVIDED
DRAINAGE AREA A-1	BMP #1 (M-6)	1,503	842	151	2.60"
DRAINAGE AREA A-2	DISCONNECTION (N-1)	1,724	1,724	131	1.0"
DRAINAGE AREA A-3	BMP #2 + 3 (M-6)	33,741*	18,310	3,546	2.33"
DRAINAGE AREA B	BYPASS	13,944	1,530	-	-

*Direct drainage to BMP #2 is 21,271sf and to BMP #3 is 6,476 sf

APPROVED: DEPARTMENT OF PLANNING AND ZONING
 Chief, Land Development Division *[Signature]* 12/21/17
 Chief, Engineering Division *[Signature]* 12-22-17



JOB NUMBER: 407B
 DRAWN BY: KT6
 DESIGNED BY: MC
 CHECKED BY: MC

DSThaler & ASSOC., LLC.
 CIVIL AND ENVIRONMENTAL ENGINEERS, SURVEYORS
 LANDSCAPE ARCHITECTS & LAND PLANNERS
 115 AMBASSADOR ROAD, SUITE 101
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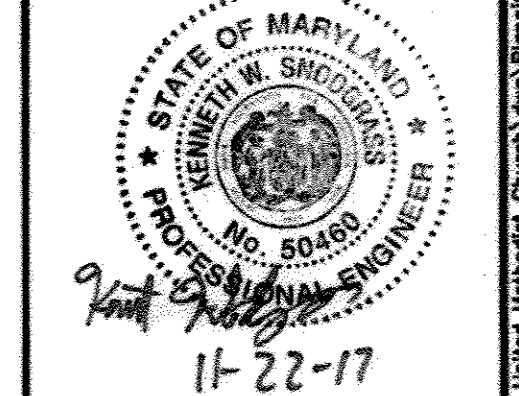
OWNERS/DEVELOPERS
 UNITED METHODIST CHURCH
 6851 MARTIN ROAD
 COLUMBIA, MARYLAND 21044
 ATTN: MS. JUDY BROWN
 443-984-2295

REVISIONS

Date:	Description:
4/21/17	ADDRESS ECP COMMENTS
11/21/17	ADDRESS ECP COMMENTS

ENVIRONMENTAL CONCEPT PLAN
 DRAINAGE AREA
LOCUST UNITED METHODIST CHURCH
 ZONING DISTRICT: R-SC
 TAX MAP 41 GRID 6 PARCELS: 216, 203 & 204
 ELECTION DIST: 5 HOWARD COUNTY, MARYLAND

PROFESSIONAL CERTIFICATION: 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. 50480, EXPIRATION DATE 01/22/2018.



SCALE: AS SHOWN
 DATE: MARCH 23, 2017
 SHEET: 3 OF 3