GENERAL NOTES

MSHA STANDARDS AND SPECIFICATIONS, IF APPLICABLE.

CUT: 2590 CY FILL: 2590 CY PROJECT BACKGROUND: LOCATION: ELLICOTT CITY, MD.; TAX MAP 31, BLOCK 7, PARCEL 17 & 831
ZONING: B-1
SUBDIVISION: N/A
SECTION/AREA: N/A SITE ARÉA: 1.287 AC.

DPZ REFERENCES: BA-04-045V; PLAT NO. ; F-07-11

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. ANY DAMAGE TO PUBLIC RIGHT-OF-WAYS, PAVING, OR EXISTING UTILITIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE. EXISTING UTILITIES LOCATED FROM ROAD CONSTRUCTION PLANS, FIELD SURVEYS, PUBLIC WATER AND AND SEWER EXTENSION PLANS AND AVAILABLE RECORD DRAWINGS. APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN FOR THE CONTRACTORS INFORMATION. CONTRACTOR SHALL LOCATE EXISTING UTILITIES WELL IN ADVANCE OF CONSTRUCTION ACTIVITIES AND TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND TO MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE. ALL REINFORCED CONCRETE FOR STORM DRAIN STRUCTURES SHALL HAVE A MINIMUM OF 28 DAYS STRENGTH OF 3,500 P.S.I. 10. 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

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS

1-800-257-7777 1-410-954-6281

850-4620 787-4620 531-5533

THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION THE CONTRACTOR IS TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK ON

11. ESTIMATES OF EARTHWORK QUANTITIES ARE PROVIDED SOLEY FOR THE PURPOSE OF CALCULATING FEES. 12. SOIL COMPACTION SPECIFICATIONS, REQUIREMENTS, METHODS AND MATERIALS ARE TO BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE PROJECT GEOTECHNICAL ENGINEER. GEOTECHNICAL ENGINEER TO CONFIRM ACCEPTABILITY OF PROPOSED PAVING SECTION, BASED ON SOIL TEST PRIOR TO CONSTRUCTION.

13. THE EXISTING TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD TOPOGRAPHICAL SURVEY PERFORMED BY JOHN C MELLEMA, SR. INC.; DATED DECEMBER 2001, AND ON A FIELD TOPGRAPHICAL SURVEY PERFORMED BY ROBERT H. VOGEL ENGINEERING, INC., DATED MAY 2005 AND AUGUST 2005.

14. THE PROPERTY LINES SHOWN HEREON IS BASED ON A BOUNDARY SURVEY PERFORMED BY ROBERT H. VOGEL ENGINEERING, INC.; DATED JULY 2005.

15. A NOISE STUDY IS NOT REQUIRED FOR THIS PROJECT. 16. THE GEOTECHNICAL ENGINEER TO CONFIRM PAVING SECTION PRIOR TO CONSTRUCTION. ALL PAVING TO BE MINIMUM HOWARD COUNTY STANDARD DETAIL P-2 UNLESS OTHERWISE NOTED. (SEE DETAIL, SHEET 3)

17. ALL CURB AND GUTTER TO BE HOWARD COUNTY STANDARD DETAIL 3.01 UNLESS OTHERWISE NOTED. (SEE DETAIL, SHEET 3) 18. CONTRACTOR RESPONSIBLE TO CONSTRUCT ALL HANDICAP RAMPS AND HANDICAP ACCESS IN ACCORDANCE WITH CURRENT 19. WHERE DRAINAGE FLOWS AWAY FROM CURB, CONTRACTOR TO REVERSE THE GUTTER PAN.

20. ALL ELEVATIONS ARE TO FLOWLINE/BOTTOM OF CURB UNLESS OTHERWISE NOTED.

21. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED. 22. PUBLIC WATER AVAILABLE THROUGH CONTRACT 14-3342-D.

PUBLIC SEWER AVAILABLE THROUGH CONTRACT 181-S. THIS PROPERTY IS LOCATED IN THE PATAPSCO DRAINAGE AREA. 23. STORMWATER MANAGEMENT QUANTITY TO BE PROVIDED IN AN UNDERGROUND DETENTION FACILITY, WHICH PROVIDES CDV. STORMWATER MANAGEMENT QUALITY IS PROVIDED BY THE 2-PROPOSED UNDERGROUND SANDFILTER SYSTEMS, WHICH ALSO PROVIDES THE Rev. THE PROPOSED STORMWATER FACILITIES TO BE PRIVATELY OWNED AND MAINTAINED BY TKS, INC.

24. ALL EXTERIOR LIGHTING TO CONFORM TO SECTION 134 OF THE HOWARD COUNTY ZONING REGULATIONS. (DETAIL ON SHEET 7) 25. GEOTECHNICAL REPORT PREPARED BY ENGINEERING CONSULTING SERVICES, LLC., DATED JULY 15, 2005.

26. ANY EXISTING STREET TREES DAMAGED OR DESTROYED DURING CONSTRUCTION WILL BE REPLACED BY THE CONTRACTOR. THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL.

28. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE DEVELOPERS AGREEMENT UNDER THIS SITE DEVELOPMENT PLAN IN THE AMOUNT OF \$16,020.00 FOR THE REQUIRED 29 SHADE TREES, 39 EVERGREEN

TRAFFIC STUDY PREPARED BY THE TRAFFIC GROUP DATED APRIL 14, 2005 ALL STORMDRAIN PIPE BEDDING IS TO BE CLASS 'C'. BUILDING TO HAVE INSIDE WATER METER SETTING.

33. THIS PLAN IS SUBJECT THE THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS. 34. ALL ROOF LEADERS TO DRAIN INTO STORM DRAIN SYSTEM.

35. THE SUBJECT PROPERTY IS ZONED B-1 PER THE 02/02/2004 COMPREHENSIVE ZONING PLAN.

36. THE FOREST CONSERVATION AFFORESTATION OBLIGATION OF 0.21 ACRES FOR THIS PLAN HAS BEEN FULFILLED THROUGH A FEE-IN-LIEU PAYMENT OF \$4,574.00 (9147.6 SF x 0.50) TO THE HO. CO. FOREST CONSERVATION FUND UNDER THIS SITE DEVELOPMENT PLAN.

THIS PLAN IS SUBJECT TO BA-04-45V, A VARIANCE PETITION, APPROVED JUNE 27, 2005, WHICH REDUCED THE REQUIRED 30' STRUCTURE AND USE SETBACK FROM A RESIDENTIAL DISTRICT (1) TO 9 FEET FOR AN ACCESS DRIVE, (2) TO 14' FOR A RETAIL/OFFICE BUILDING, (3) TO 12 FEET FOR PARKING AND A DUMPSTER ENCLOSURE, AND (4) TO 13 FEET FOR AN OFFICE BUILDING, IN A B-1 (BUSINESS: LOCAL) ZONING DISTRICT. APPROVAL SUBJECT TO THE FOLLOWING CONDITIONS: 1. THE PETITIONER WILL INSTALL AND MAINTAIN A TYPE "C" LANDSCAPE BUFFER ALONG THE WESTERN LOT LINE ADJOINING PARCEL 294.

38. THE EXISTING HOUSE AND ALL STRUCTURES WITHIN PARCELS 17 & 831 SHALL BE REMOVED, IN ACCORDANCE WITH HOWARD COUNTY REGULATIONS, PRIOR TO CONSTRUCTION.

39. THERE ARE NO FLOODPLAINS LOCATED ON PARCELS 17 & 831

40. WETLAND STUDY FOR THIS PROJECT WAS PREPARED BY ECO-SCIENCE PROFESSIONALS, INC. DATED JULY 29, 2005.

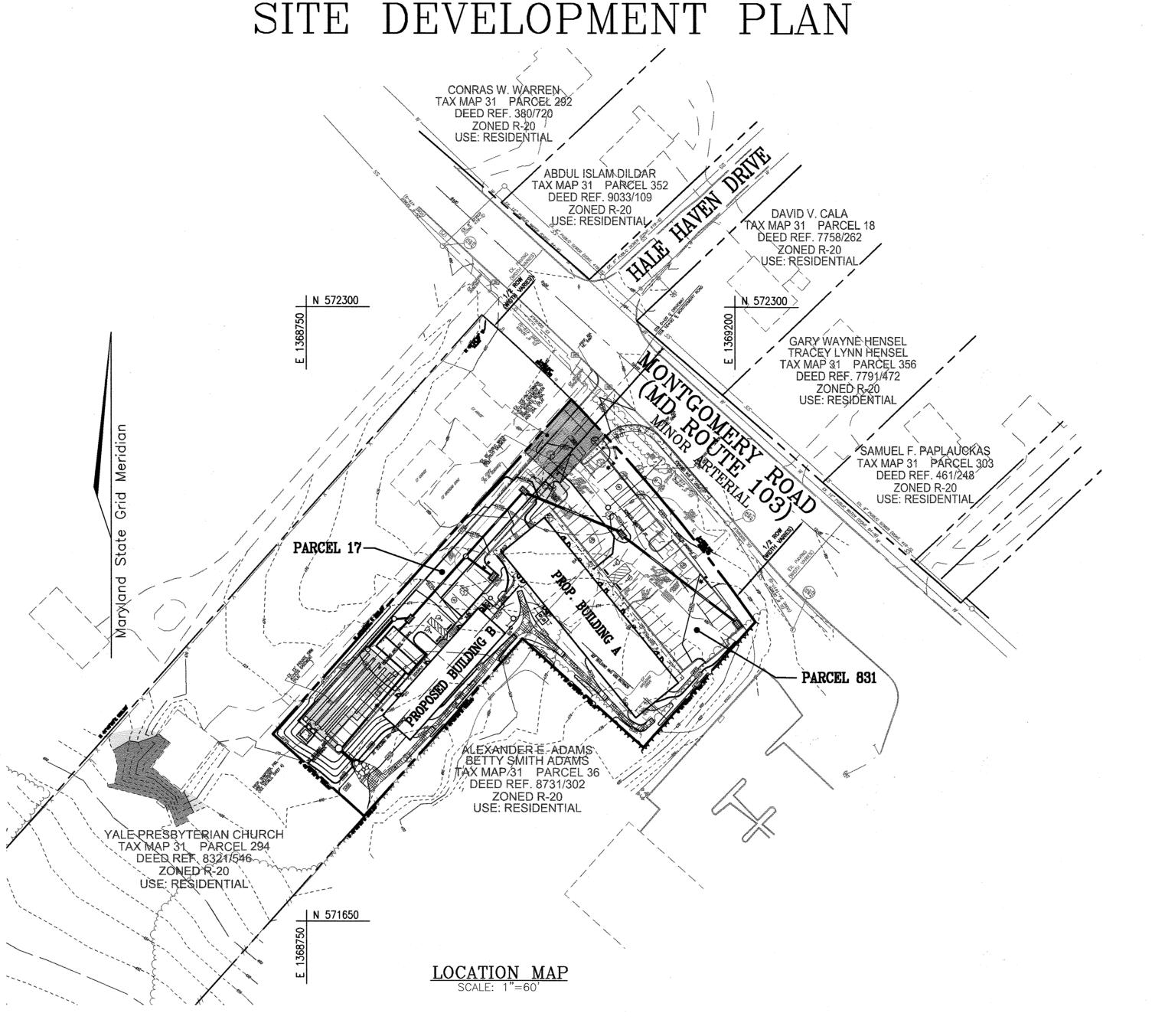
NOT REQUIRED

57 SPACES (INCLUDING 3 HANDICAP)

63 SPACES

MONTGOMERY STATION

RETAIL/OFFICE BUILDINGS A & B PARCEL A



PARKING TABULATION

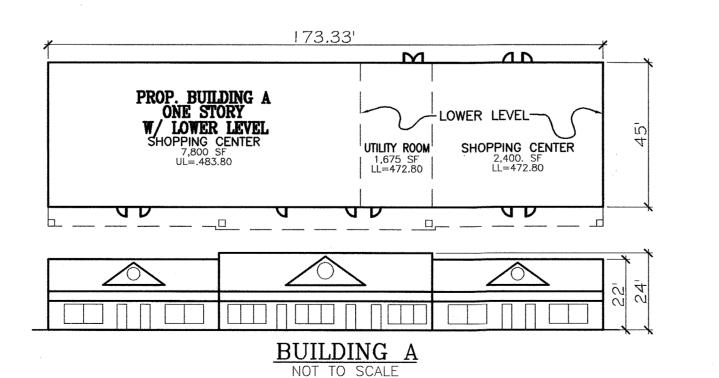
BUILDING A: 10.200 SF SHOPPING CENTER: 10,200 SF @ 5 SPACE/1000 SF 51 SPACES BUILDING B: 5,000 SF OFFICE: 3,500 SF @ 3.3 SPACE/1000 SF(VETERINARIAN) 12 SPACES

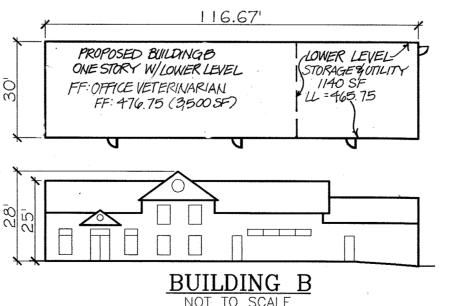
UTILITY: 1,500 SF - NOT REQUIRED TOTAL SPACES REQUIRED:

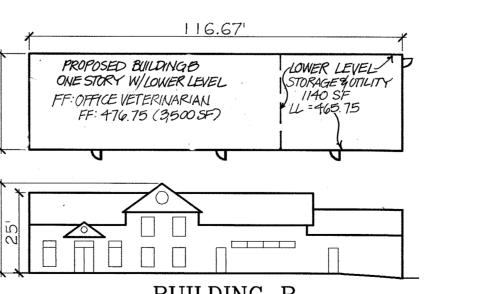
TOTAL SPACES PROVIDED:

SHARED PARKING TABULATION MORNING | MID-DAY | AFTERNOON | EVENING | DAY | EVENING

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING Million de la company de la co CHIEF, DEVELOPMENT ENGINEERING DIVISION 10/30/06







OWNER/PETITIONER

TKS, L.L.C. C/O KELLY SNOVELL 1352 CROWS FOOT ROAD MARRIOTTSVILLLE, MD 21104 410-442-0275

LOT/PARCEL#		STREET ADDRESS							
17	4866 MC	4866 MONTGOMERY ROAD - BLDG 'B'							
. 17	4872 MC	4872 MONTGOMERY ROAD - BLDG 'A'							
	F	PERMIT I	NFORI	MATION	CHART				
SUBDIVISION NAME				SECTION/AREA		PARCEL NUMBER			
N/A				N/A		17 & 831			
DEED REF.	BLOCK NO.	ZONE	TAX/	/ZONE	ELECT.	DIST.	CENSUS TR.		
8107/274 8123/692 18619	7	B-1	***************************************	31 2		nd .	6027.00		
WATER CODE:				SEWER CODE:					

ADDRESS CHART



Existing Contour Proposed Contour Existing Spot Elevation Proposed Spot Elevation Direction of Flow Existing Trees to Remain

Light Poles

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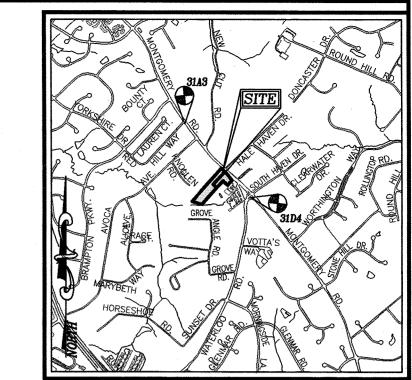
382.56 $+82\frac{53}{}$

BENCHMARKS

Soil Type

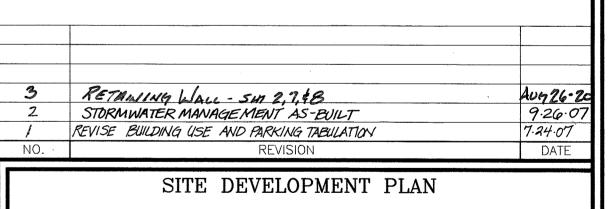
Concrete

HOWARD COUNTY BENCHMARK 31A3 (CONCRETE MONUMENT) N 573217.877 E 1368237.622 ELEV. 487.641 HOWARD COUNTY BENCHMARK 31D4 (CONCRETE MONUMENT) N 571700.65 E 1369606.36 ELEV. 495.219



SHEET INDEX				
DESCRIPTION	SHEET NO.			
VER SHEET	1 OF 7			
E LAYOUT PLAN, DEMOLITION PLAN, AND SITE DETAILS				
E GRADING, SEDIMENT AND EROSION CONTROL PLAN	3 OF 7			
DIMENT AND EROSION CONTROL NOTES AND DETAILS	4 OF 7			
DRM DRAIN DRAINAGE AREA MAP, WATER AND SEWER PROFILES	5 OF 7			
DRMWATER MANAGEMENT NOTES AND DETAILS, STORM DRAIN PROFILES	6 OF 7			
E LANDSCAPE AND FOREST CONSERVATION PLAN	7 OF 7			

"I HEREBY CERTIFY THAT THE STORMWATER MANAGEMENT FACILITY SHOWN ON THIS PLAN WAS CONSTRUCTED AS SHOWN ON THE AS-BUILT PLANS AND MEETS THE APPROVED PLANS AND SPECIFICATIONS." OF MARY AS-BUILTI ROBERT H. VOGEL, P.E. No 16193

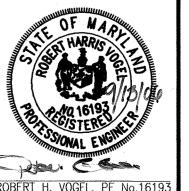


COVER SHEET

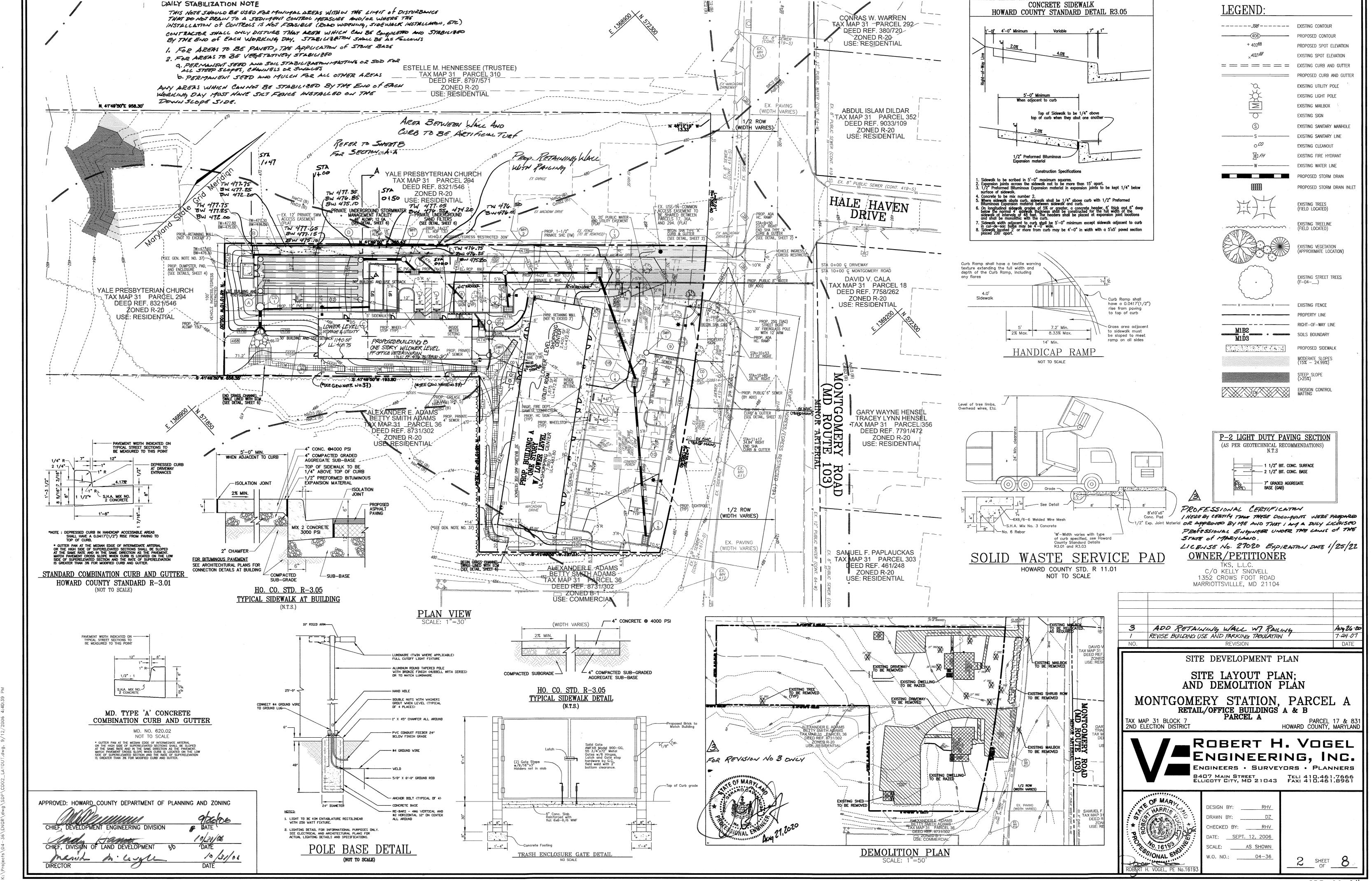
MONTGOMERY STATION, PARCEL A RETAIL/OFFICE BUILDINGS A & B
PARCEL A PARCEL 17 & 831 HOWARD COUNTY, MARYLAND

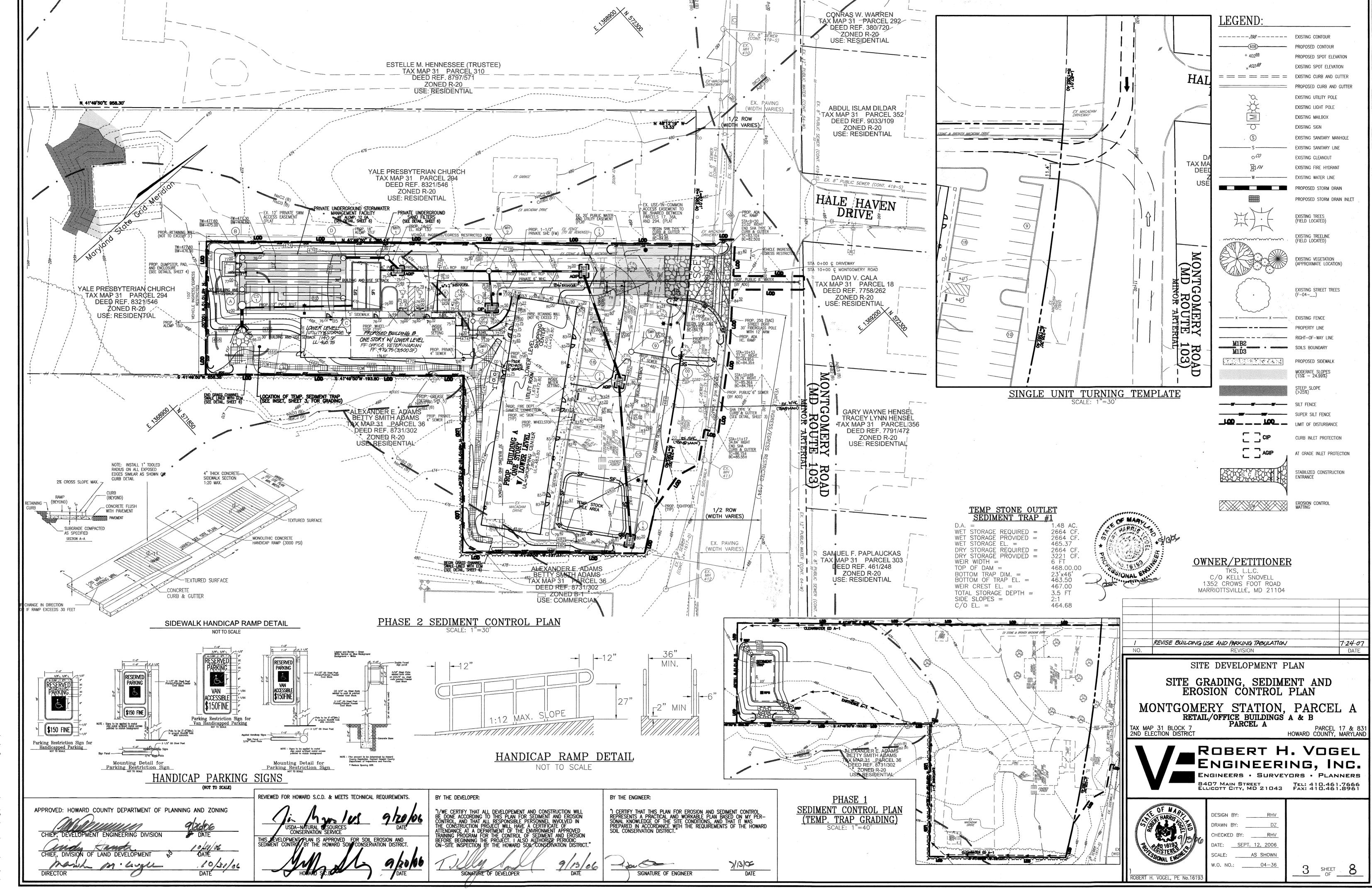
TAX MAP 31 BLOCK 7 2ND ELECTION DISTRICT

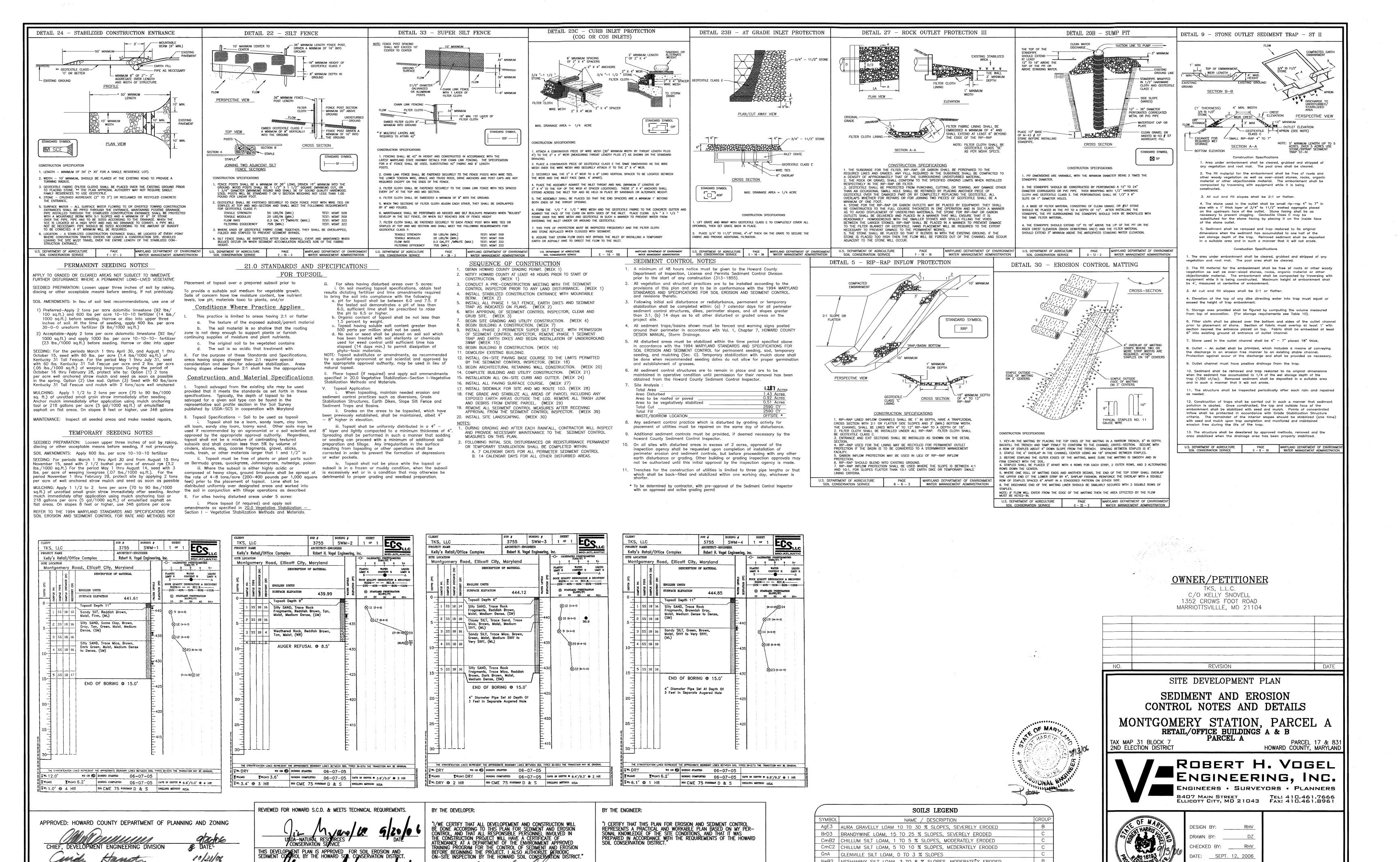




DESIGN BY: DRAWN BY: CHECKED BY: DATE: SEPT. 12, 2006 SCALE: AS SHOWN W.O. NO.: 04-36







SIGNATURE OF ENGINEER

SHEET ___ OF __

DATE: SEPT. 12, 2006

AS SHOWN

04-36

SCALE:

ROBERT H. VOGEL, PE No.1619

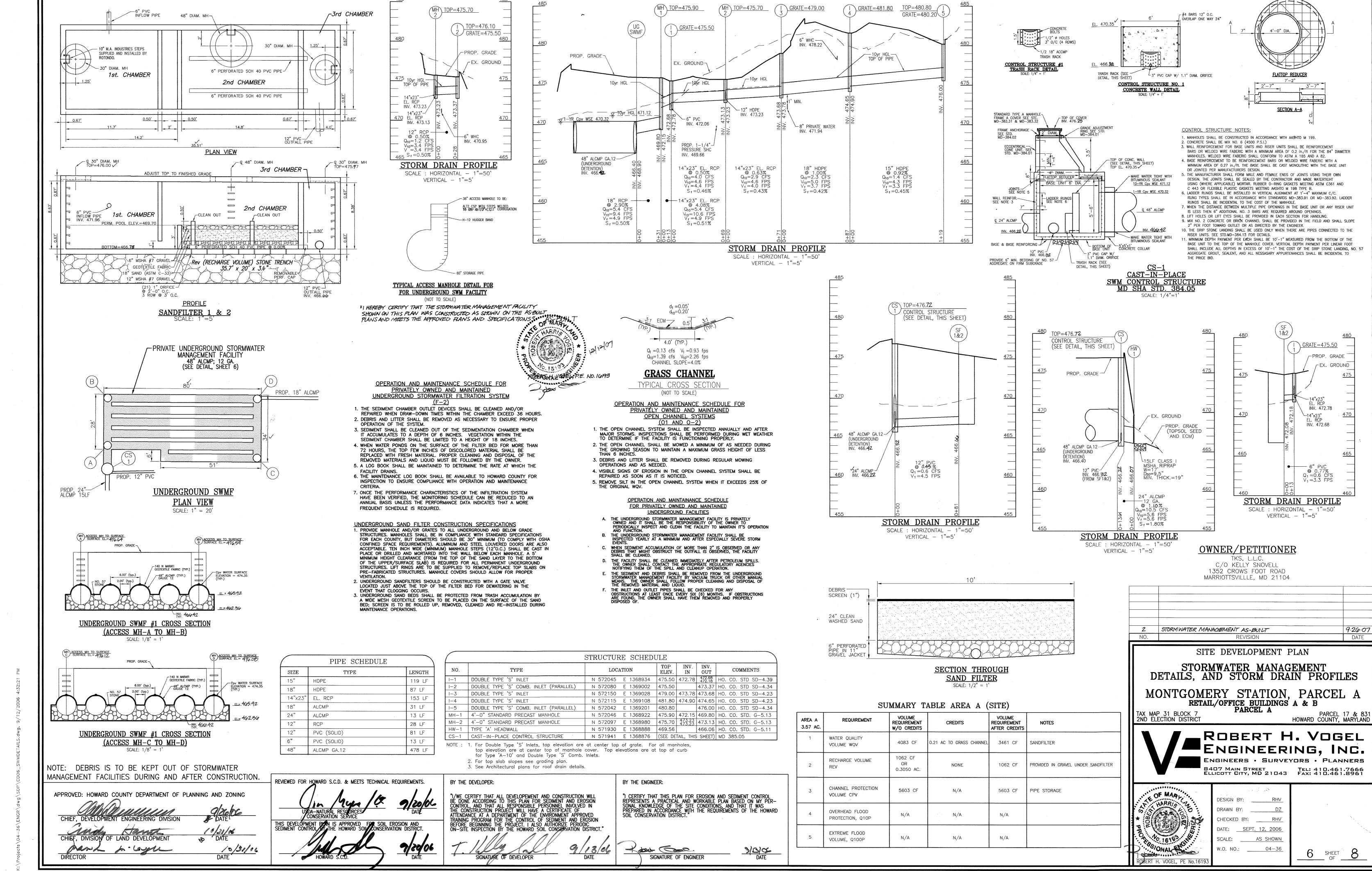
W.O. NO.:

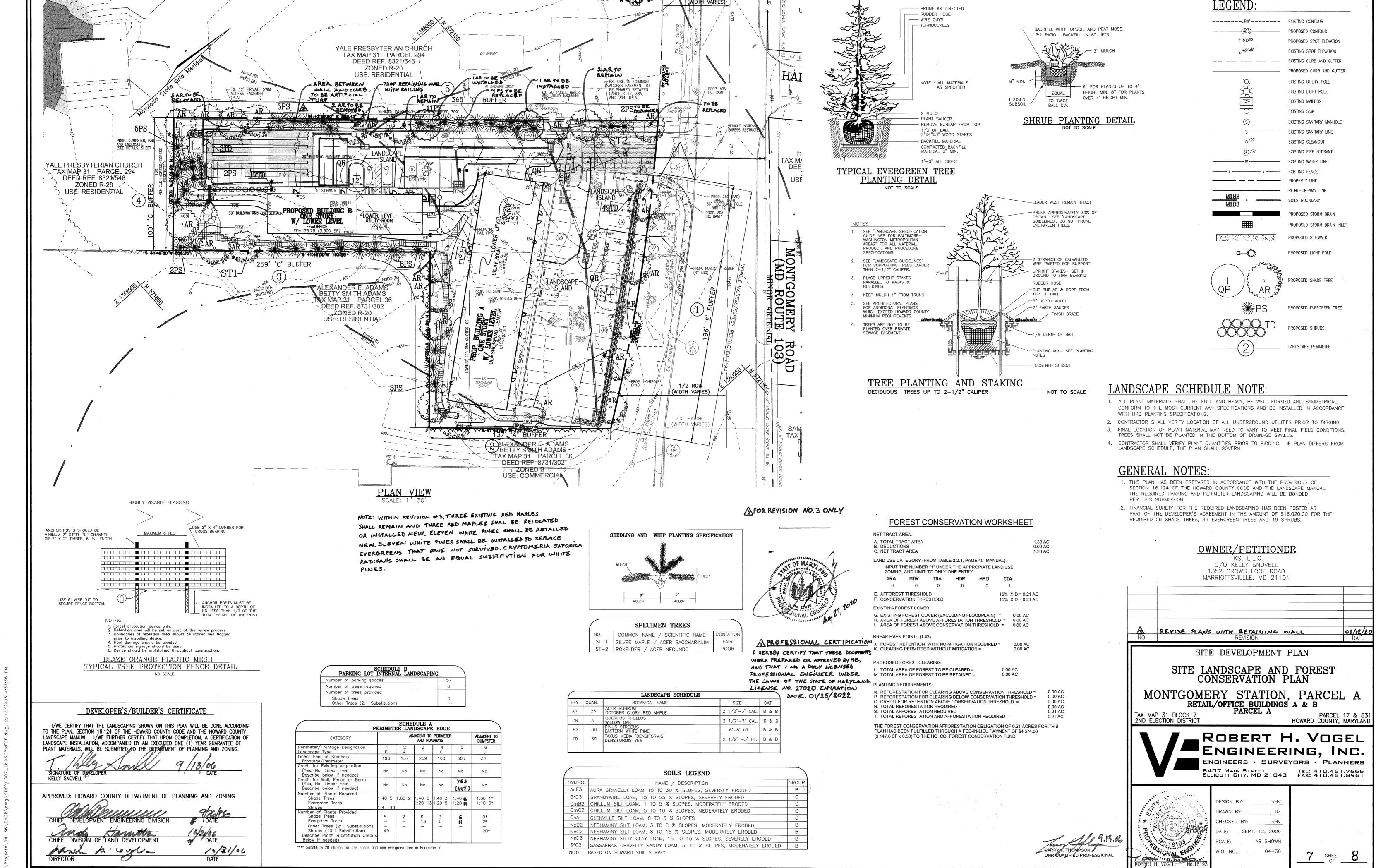
NESHAMINY SILT LOAM, 8 TO 15 % SLOPES, MODERATELY ERODED NsD3 NESHAMINY SILTY CLAY LOAM, 15 TO 15 % SLOPES, SEVERELY ERODED

NOTE: BASED ON HOWARD SOIL SURVEY

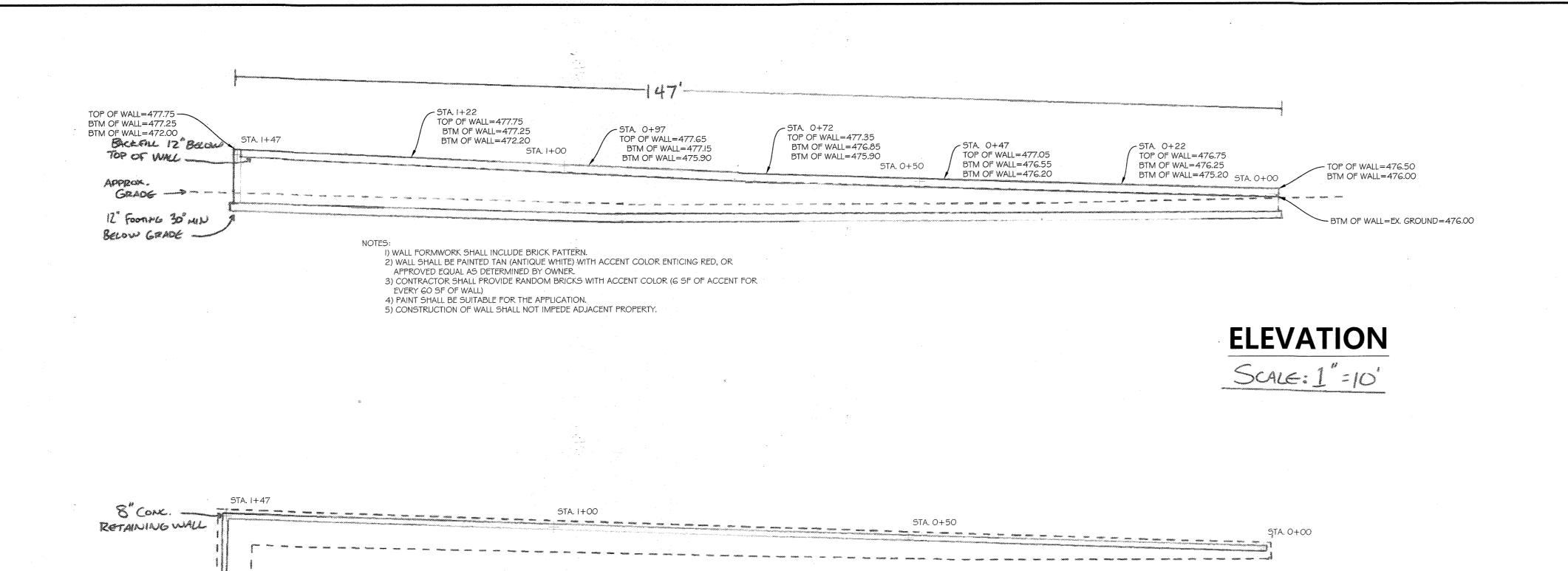
SfC2 SASSAFRAS GRAVELLY SANDY LOAM, 5-10 % SLOPES, MODERATELY ERODED

K.\ Braisata\ OA-- 36\ FNGP\ dwa\ SDP\ CDD5 SDDAM dwa 0/2/2006

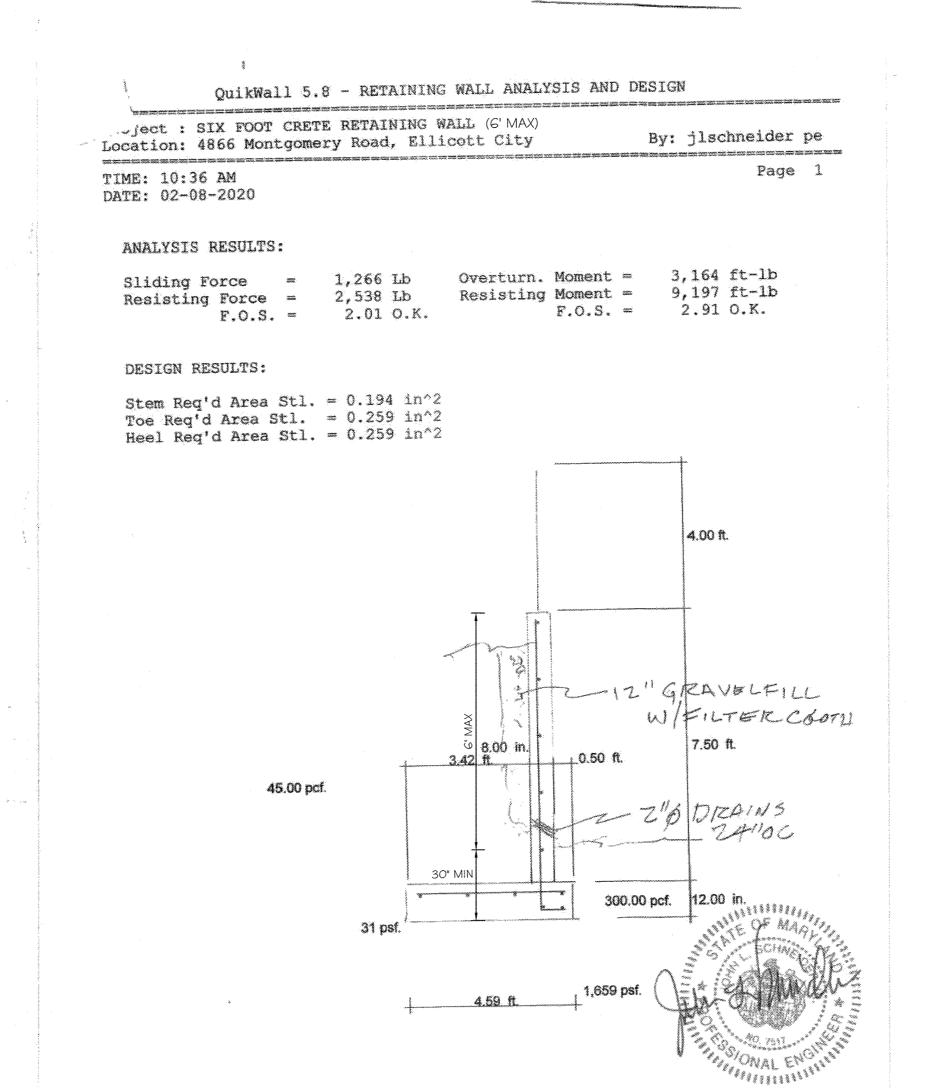


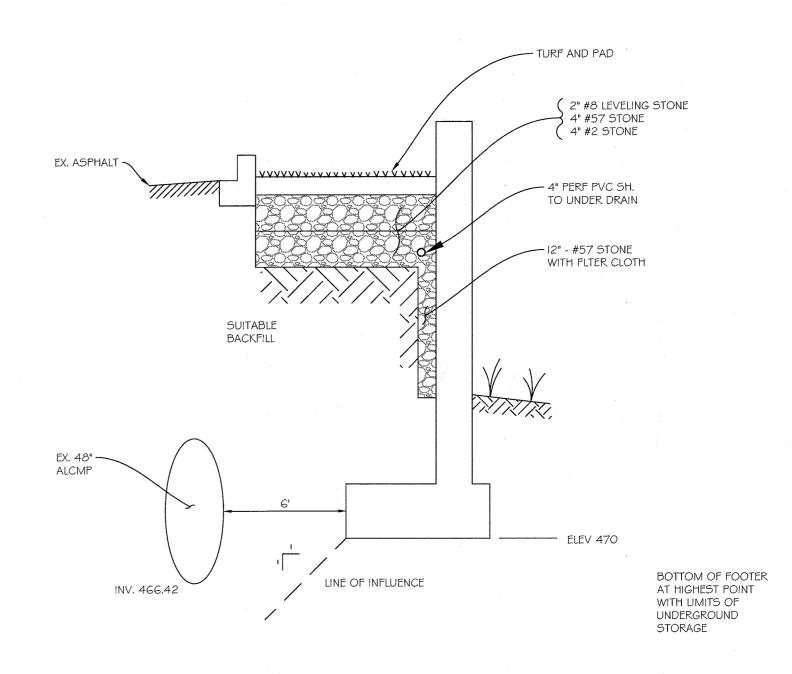


SDP - 06 - 26

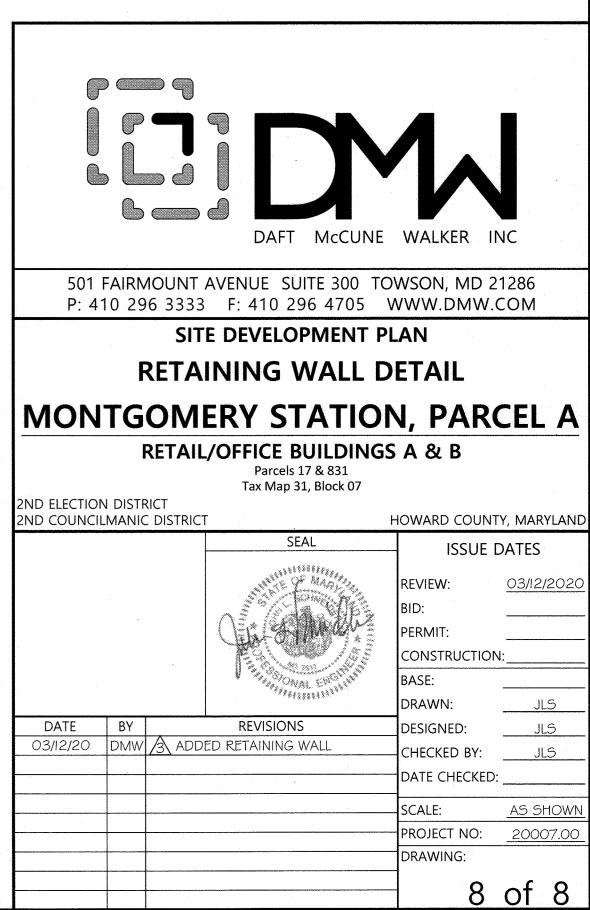








TYPICAL CROSS-SECTION NTS
SECTION A-A



APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION

CHIEF, DIVISION OF LAND DEVELOPMENT

DIRECTOR

DATE

9/2/20

0 ATE

DATE

12" FOOTING REZ WALL DESIGN

14"×3/16"

2" × 2" × 1/4"

FLAT STEEL

U EDGE -

1" 11GA. STEEL

RAILING SHALL

TRICORN BLACK OR APPROVED

BE PAINTED

3"×14"

STEEL NWM -

SQUARE TUBE -

RAILING DETAIL

CIEXIR" SOUARE TUBE

SCALE: 1"=1"

RAILING TO BE

INSTALLED ON

INSIDE SIDE OF

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. 7517,
EXPIRATION DATE: 12/03/2020.