SHEET INDEX						
N	0.	DESCRIPTION				
1	L	COVER SHEET				
2	2	EXISTING CONDITIONS PLAN				
3	3	LAYOUT PLAN				
4	ļ	GRADING PLAN				
5	5	STORMWATER MANAGEMENT PLAN				
6	5	STORMDRAIN DRAINAGE AREA MAP				
7	7	SEDIMENT & EROSION CONTROL PLAN				

SEDIMENT & EROSION CONTROL NOTES AND DETAILS LANDSCAPE PLAN & FOREST CONSERVATION PLAN

Minimum Lot Size Chart						
Lot	Total Area (sf)	Flagstem Area (sf)	Min Lot Area (sf)			
3	8,193	646	7,547			
4	8,907	1,005	7,902			
5	7,543	1,003	6,540			
6	6,822	642	6,180			

Note: Minimum lot size per zoning regulations (Section 110.0.D.2) is 6,000 sf.

SITE DATA TABULATION

1) GENERAL SITE DATA

a. PRESENT ZONING: R-SC b. LOCATION: TAX MAP 42 - GRID 22 - PARCEL 167

c. APPLICABLE DPZ FILE REFERENCES: ECP-19-042, S-19-08, WP-19-081

d. DEED REFERENCE: L.18641, F.320 e. PROPOSED USE OF SITE: 8 SINGLE FAMILY DETACHED RESIDENCES,

& 1 OPEN SPACE LOT

f. PROPOSED WATER AND SEWER: PUBLIC AND PUBLIC

1. PROPOSED WATER AND SEWER. POBLIC AND POBLIC	
2) AREA TABULATION	
a. TOTAL AREA OF SITE 2.02	AC±
b. AREA OF 100 YEAR FLOODPLAIN (APPROX.) 0.00	AC
c. AREA OF STEEP SLOPES (25% OR GREATER) 0.00	AC
d. NET AREA OF SITE 2.02	AC±
e. AREA OF THIS PLAN SUBMISSION 2.02	AC±
f. LIMIT OF DISTURBANCE (APPROX.)	AC±
g. AREA OF PROPOSED BUILDABLE LOTS 0.72	AC±
h. AREA OF OPEN SPACE LOTS 0.70	AC±
i. AREA OF PROPOSED PUBLIC ROAD 0.00	AC
j. AREA OF PROPOSED PUBLIC R/W DEDICATION 0.00	AC
3) DENSITY TABULATION	
a. NET AREA OF SITE 2.02	AC±
b. TOTAL NUMBER OF LOTS ALLOWED PER ZONING 8	
4 UNITS PER NET ACRE ALLOWED BY RIGHT	
4) UNIT/LOT TABULATION	
a. REQUIRED OPEN SPACE (FULL OBLIGATION) 0.51	AC±
b. OPEN SPACE PROVIDED 0.70	AC±

0.03 AC±

TENTATIVELY APPROVED DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY 2-3-2020 PLANNING DIRECTOR

e. PERCENT OF CREDITED OPEN SPACE PROVIDED f. FEE-IN-LIEU OF OPEN SPACE REQUIREMENT..

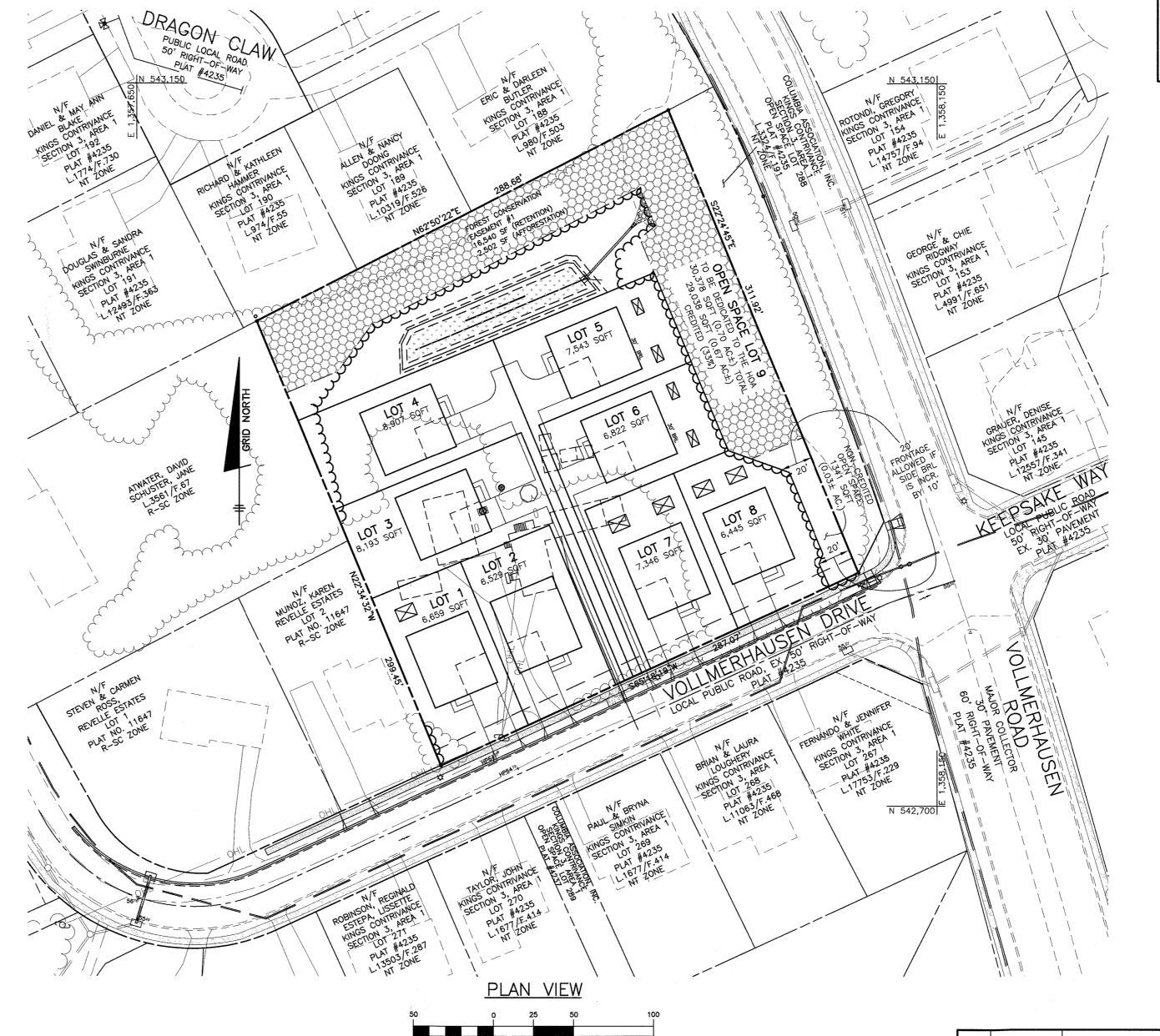
c. NON-CREDIT OPEN SPACE ..

PRELIMINARY PLAN HUNTINGTON POINT

LOTS 1-8, OPEN SPACE LOT 9 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

GENERAL NOTES

- 1. THIS PROJECT IS IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS UNLESS WAIVERS HAVE BEEN APPROVED.
- 2. SUBJECT PROPERTY ZONED R-SC PER THE 10-06-2013 COMPREHENSIVE ZONING PLAN.
- 3. THE EXISTING TOPOGRAPHY ON-SITE IS TAKEN FROM FIELD SURVEY WITH 2 FOOT CONTOUR INTERVALS PREPARED BY BENCHMARK ENGINEERING, INC. DATED FEBRUARY, 2019. SURROUNDING TOPOGRAPHY IS TAKEN FROM HOWARD COUNTY GIS. THE EXISTING UTILITIES SHOWN ARE TAKEN FROM FIELD SURVEY, CONTRACT
- 4. THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM AS ESTABLISHED FROM GIS OBSERVATION. MONUMENTS "TRAV.1" & "TRAV.2" WERE USED FOR THIS PROJECT.
- 5. PROJECT BOUNDARY IS BASED ON A SURVEY BY BENCHMARK ENGINEERING, INC. DATED FEBRUARY, 2019.
- 6. A NOISE STUDY IS NOT REQUIRED FOR THIS PROJECT AS IT DOES NOT MEET ANY OF THE REQUIREMENTS FOR A NOISE STUDY AS DEFINED IN SECTION 5.2.F.2 OF THE HOWARD COUNTY DESIGN MANUAL, VOLUME III.
- 7. THE FOREST STAND DELINEATION REPORT AND THE WETLANDS CERTIFICATION LETTER WERE PREPARED BY ECO-SCIENCE PROFESSIONALS, INC., DATED MARCH, 2019 AND APPROVED UNDER S-19-008.
- 8. TRAFFIC STUDY WAS PREPARED BY MARS GROUP FEBRUARY, 2019 AND APPROVED UNDER THE REVIEW OF S-19-008 ON 6/19/19.
- 9. THE GEOTECHNICAL REPORT FOR THIS PROJECT WAS PREPARED BY GEOTECHNICAL LABORATORIES, INC., DATED SEPTEMBER, 2019.
- 10. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO CEMETERY LOCATIONS ON-SITE.
- 11. THERE ARE NO HISTORIC SITES/STRUCTURES LOCATED ON THIS SITE. THERE ARE EXISTING STRUCTURES ON-SITE TO BE REMOVED. THIS WILL BE DONE PRIOR TO
- 12. THERE ARE NO WETLANDS, WETLANDS BUFFERS, STREAMS, 100-YR FLOODPLAIN, OR STEEP SLOPES 25% AND GREATER THAT ARE MORE THAN 20,000 SF OF CONTIGUOUS AREA LOCATED ON THIS SITE PER THE WETLAND CERTIFICATION & FOREST STAND DELINEATION REPORT PREPARED BY ECO-SCIENCE PROFESSIONALS, INC. DATED MARCH, 2109 AND APPROVED UNDER S-19-008.
- 13. THERE APPEARS TO BE EXISTING WELLS ON THE PROPERTY. THOSE SHALL BE PROPERLY ABANDONED IN ACCORDANCE WITH THE HOWARD COUNTY BUREAU OF ENVIRONMENTAL HEALTH. THIS WILL BE DONE PRIOR TO FINAL PLAT APPROVAL.
- 14. THE REQUIRED PRE-SUBMISSION COMMUNITY MEETING WAS HELD ON FEBRUARY 28, 2019 AT 6:00PM IN THE HOWARD COUNTY PUBLIC LIBRARY EAST COLUMBIA
- 15. THIS LOT WILL UTILIZE A CUSTOM SEDIMENT AND EROSION PLAN SINCE THE LIMIT OF DISTURBANCE IS FOR MORE THAN ONE LOT.
- 16. THIS PROPERTY IS LOCATED WITHIN THE METROPOLITAN DISTRICT. PUBLIC WATER & SEWER MAIN WILL CONNECT TO EX. CONTRACT 24-0833-D. DRAINAGE IS LITTLE PATUXENT WRP.
- 17. FREE FLOW SPEED STUDY WAS PREPARED BY MARS GROUP ON MARCH, 2019 AND THE SIGHT DISTANCE ANALYSIS WAS APPROVED UNDER S-19-008.
- 18. FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEM AND
- 19. DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
- A) WIDTH 12' (16' SERVING MORE THAN ONE RESIDENCE). B) SURFACE - 6" OF COMPACT CRUSHER RUN BASE WITH 1-1/2" MIN. TAR & CHIP COATING
- C) GEOMETRY MAX. 15% GRADE, MAX. 10% GRADE CHANGE & MIN. 45' TURNING RADIUS. D) STRUCTURES(CULVERTS/BRIDGES) — CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOAD)
- E) DRAINAGE ELEMENTS CAPABLE OF SAFELY PASSING 100 YEAR FLOODPLAIN WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY.
- F) STRUCTURE CLEARANCES MINIMUM 12 FEET. G) MAINTENANCE - SUFFICIENT TO ENSURE ALL WEATHER USE.
- 20. A PRIVATE RANGE OF ADDRESS SIGN ASSEMBLY SHALL BE FABRICATED AND INSTALLED BY HOWARD COUNTY BUREAU OF HIGHWAYS AT THE DEVELOPERS/OWNERS EXPENSE. CONTACT HOWARD COUNTY TRAFFIC DIVISION AT 410-313-2430 FOR DETAILS AND COST ESTIMATES.
- 21. THE TRAFFIC CONTROL DEVICE LOCATIONS SHOWN ON THE BASE PLANS ARE APPROXIMATE AND MUST BE FIELD APPROVED BY HOWARD COUNTY TRAFFIC DIVISION (410-313-2430) PRIOR TO THE INSTALLATION OF ANY OF THE TRAFFIC CONTROL DEVICES.
- 22. ALL TRAFFIC CONTROL DEVICES AND THEIR LOCATIONS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "MARYLAND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MdMUTCD).
- 23. ALL SIGN POSTS USED FOR TRAFFIC CONTROL SIGNS INSTALLED IN THE COUNTY RIGHT-OF-WAY SHALL BE MOUNTED ON A 2" GALVANIZED STEEL, PERFORATED ("QUICK PUNCH"), SQUARE TUBE POST (14 GAUGE) INSERTED INTO A 2-1/2" GALVANIZED STEEL, PERFORATED, SQUARE TUBE SLEEVE (12 GAUGE) - 3' LONG. THE ANCHOR SHALL NOT EXTEND MORE THAN TWO "QUICK PUNCH" HOLES ABOVE GROUND LEVEL. A GALVANIZED STEEL POLE CAP SHALL BE MOUNTED ON TOP OF
- 24. THE FOREST CONSERVATION REQUIREMENTS FOR THIS SUBDIVISION SHALL BE ADDRESSED PRIOR TO RECORDATION OF THE FINAL SUBDIVISION PLAT AND SHALL BE PROVIDED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.1200 OF THE SUBDIVISION REGULATIONS AND FOREST CONSERVATION MANUAL. THE FOREST CONSERVATION OBLIGATION FOR THIS SUBDIVISION SHALL BE SATISFIED BY THE USE OF ON-SITE RETENTION OF 0.38 ACRES WITHIN A FOREST CONSERVATION EASEMENT, REFORESTATION OF 0.06 ACRES WITHIN A FOREST CONSERVATION EASEMENT AND A FEE-IN-LIEU PAYMENT OF \$4,573.80 FOR 0.14 ACRES OF
- 25. THIS DEVELOPMENT IS DESIGNED TO BE IN ACCORDANCE WITH SECTION 16.127 RESIDENTIAL INFILL DEVELOPMENT OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS. THIS PROJECT IS COMPATIBLE WITH THE ADJACENT RESIDENTIAL NEIGHBORHOOD BY CONSISTING OF THE SAME UNIT TYPES (SFD). THIS PROJECT IS INTEGRATED WITH THE SURROUNDING RESIDENTIAL DEVELOPMENT BY INTERCONNECTING SIDEWALKS & OPEN SPACE WITH THOSE LOCATED OFF-SITE, AND BY INCORPORATING & PRESERVING THE FOREST CONSERVATION & SPECIMEN TREE PROTECTION ALONG THE NORTHWESTERN BOUNDARY LINE. LOTS, BUILDINGS, & SITE IMPROVEMENTS ARE CONFIGURED TO PROVIDE PRIVACY BY THE LOCATION OF THE FOREST CONSERVATION EASEMENT, NON-CREDITED FOREST RETENTION, OPEN SPACE, ORIENTATION OF THE HOUSES, PERIMETER LANDSCAPING, AND MITIGATION TREE PLANTING ALONG THE BOUNDARY.
- 26. THIS PROJECT IS SUBJECT TO THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS PER COUNCIL BILL 45-2003 AND THE ZONING REGULATIONS, AS AMENDED BY COUNCIL BILL 75-2003. DEVELOPMENT OR CONSTRUCTION ON THESE LOTS MUST COMPLY WITH SETBACK AND BUFFER REGULATIONS IN EFFECT AT THE TIME OF SUBMISSION OF THE SITE DEVELOPMENT PLAN, WAIVER PETITION APPLICATION, OR BUILDING/GRADING PERMIT.
- 27. THE PERIMETER LANDSCAPING REQUIREMENTS SHALL BE ADDRESSED PRIOR TO RECORDATION OF THE FINAL SUBDIVISION PLAT AND SHALL BE PROVIDED IN
- ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL 28. THE LANDSCAPING SHOWN ON THIS PLAN IS PICTORIAL FOR REQUIREMENT PURPOSES ONLY, FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING IN THE AMOUNT OF \$14,700 FOR 49 SHADE TREES, SHALL BE POSTED IN ACCORDANCE WITH THE APPROVED FINAL LANDSCAPE PLAN, UNDER THE SUBSEQUENT FINAL PLAN OR SITE DEVELOPMENT PLAN. SURETY FOR STREET TREES SHALL BE POSTED WITH THE DEVELOPER'S AGREEMENT.
- 29. THIS PROJECT IS SUBJECT TO SECTION 13.402 OF THE COUNTY CODE FOR MODERATE INCOME HOUSING UNITS (MIHU), PER SECTION 13.402C.e., THIS REQUIREMENT SHALL MET BY A FEE-IN-LIEU PAYMENT IN AN AMOUNT THAT IS TO BE CALCULATED BY THE DEPÄRTMENT OF INSPECTIONS LICENSES AND PERMITS AT THE TIME OF BUILDING PERMIT. THE FEE-IN-LIEU SHALL BE PAID FOR ALL LOTS/RESIDENTIAL UNITS WITHIN THIS SUBDIVISION AT TIME OF BUILDING PERMIT
- 30. PER SECTION 16.121.a.2, THIS PROJECT IS SUBJECT TO 25% OPEN SPACE OR 21,998 SF. THERE IS NO RECREATIONAL OPEN SPACE REQUIREMENT FOR THIS PROJECT, SINCE THERE ARE LESS THAN 10 LOTS PER SECTION 16.121.a.4.i OF THE SUBDIVISION REGULATIONS.
- 31. STORMWATER MANAGEMENT ENVIRONMENTAL SITE DESIGN (ESD) HAS BEEN PROVIDED IN ACCORDANCE WITH THE "MARYLAND DEPARTMENT OF THE ENVIRONMENT STORMWATER MANAGEMENT ACT OF 2007" AND THE "HOWARD COUNTY DESIGN MANUAL VOLUME I, CHAPTER 5" TO THE MAXIMUM EXTENT PRACTICAL STORMWATER MANAGEMENT IS PROVIDED BY ONE (M-6) MICRO-BIORETENTION PRACTICES, NINE (M-5) DRY WELLS, AND FOUR (N-2) NON-ROOFTOP DISCONECTION. ALL FACILITIES ARE PRIVATELY OWNED AND PRIVATELY MAINTAINED. THE STORMWATER MANAGEMENT SYSTEM SHOWN ON THESE PLANS IS AN APPROXIMATION OF SIZE, SHAPE, AND LOCATION. IT IS UNDERSTOOD THAT THIS SYSTEM HAS NOT BEEN FINALIZED AND THE ACTUAL DESIGN MAY CHANGE ALTERING THE NUMBER OF UNITS
- 32. MODIFIED CURB & GUTTER AND ROADWAY IMPROVEMENTS SHALL BE INSTALLED APPROXIMATELY 250' TO THE WEST THRU THE CURVE ALONG VOLLMERHAUSEN DRIVE FROM THE SUBJECT SITE. THE DEVELOPMENT'S SIDEWALK IMPROVEMENTS SHALL EXTEND FROM THE BOUNDARY APPROXIMATELY 30' TO THE EAST AT THE INTERSECTION OF VOLLMERHAUSEN ROAD, AND APPROXIMATELY 127' TO THE WEST UNTIL THE DRIVEWAY OF REVELLE, ESTATES LOT 1.
- 33. ALTERNATIVE COMPLIANCE, WP-19-081, WAS APPROVED BY THE DIRECTOR ON MAY 30, 2019, TO SECTION 16.1205(a)(7), WHICH ALLOWS FOR REMOVAL OF 22 SPECIMEN TREES. THE ALTERNATIVE TO SPECIMEN TREE RETENTION WAS PLANTING OF LANDSCAPE TREES AT A 2:1 RATIO. THE ALTERNATIVE COMPLIANCE WAS - REMOVAL OF THE TWENTY-TWO (22) SPECIMEN TREES WILL REQUIRE REPLACEMENT MITIGATION AT A RATIO OF TWO (2) LARGE CALIPER NATIVE TREE SPECIES (AT LEAST THREE (3) INCHES DBH) FOR EACH SPECIMEN TREE REMOVED (44 TREES TOTAL). THE MITIGATION PLANTING CAN BE PROVIDED AS PART OF THE ŘEQUIRED LANDSCÀPÍNG FOR THIS PROJECT. YOU MUST SUBMIT A REVISED LANDSCAPE PLAN WITH YOUR FINAL SUBDIVISION PLAN FOR THIS PROPERTY, THAT SHOWS HOW YOU PLAN TO ADDRESS THIS ALTERNATIVE FOREST CONSERVATION MITIGATION.
- 34. DESIGN MANUAL WAIVER DMV2-20-006 WAS APPROVED BY LETTER DATED NOVEMBER 21, 2019, TO HOWARD COUNTY DESIGN MANUAL, VOL. II, SECTION 5.4.B.5 TO ALLOW FOR PERMANENT STRUCTURE TO BE WITHIN 10' OF A SHARED PUBLIC WATER, SEWER, & UTILITY EASEMENT. - IN REVIEW OF THE PROPOSED WAIVER, IT WAS NOTED THAT WHILE THE FULL 30' WATER & SEWER EASEMENT WILL BE PROVIDED FOR ACCESS TO THE UTILITIES, ACCESS WILL HAVE TO BE PERFORMED CAUTIOUSLY BECAUSE STRUCTURES WILL ONLY BE 7' FROM HEAVY CONSTRUCTION EQUIPMENT. HOWEVER, IN CONSIDERATION OF THE BUILDING CONSTRAINTS CITED, CONSIDERING THE THE UTILITIES ARE SMALL DIAMETER AND THE SEWER IS NOT EXCESSIVELY DEEP (APPROXIMATELY 13' MAXIMUM), AND THAT THE PROPOSED UTILITIES WILL BE NEW WITH A DESIGN LIFE OF 50 YEARS OR MORE, THIS WAIVER REQUEST IS
- 35. THIS PROPERTY IS LOCATED WITHIN THE METROPOLITAN DISTRICT. PUBLIC WATER & SEWER MAIN WILL CONNECT TO EX. CONTRACT 24-0833-D.
- 36. STREET LIGHT PLACEMENT, POLES, AND FIXTURES SHALL CONFORM TO HOWARD COUNTY DESIGN MANUAL, VOL. III (2006), SECTION 5.5.A. A MINIMUM OF 20 FT SHALL BE MAINTAINED BETWEEN STREET TREES AND STREET LIGHTS.



ESD SWM PRACTICES						
LOT NO.	ADDRESS	MICRO-BIORETENTION (M-6) QUANTITY	DRY WELL (M-5) QUANTITY	NON-ROOFTOP DISCONNECT (N-2) QUANTITY		
1	VOLLMERHAUSEN DR. COLUMBIA, MD 21046	0	1	1		
2	VOLLMERHAUSEN DR. COLUMBIA, MD 21046	0	0	1		
3	VOLLMERHAUSEN DR. COLUMBIA, MD 21046	0	0	0		
4	VOLLMERHAUSEN DR. COLUMBIA, MD 21046	0	0	0		
5	VOLLMERHAUSEN DR. COLUMBIA, MD 21046	0	2	0		
6	VOLLMERHAUSEN DR. COLUMBIA, MD 21046	0	2	0		
7	VOLLMERHAUSEN DR. COLUMBIA, MD 21046	0	2	1		
8	VOLLMERHAUSEN DR. COLUMBIA, MD 21046	0	2	1		
O.S. 9	VOLLMERHAUSEN DR. COLUMBIA, MD 21046	1	0	0		

(IN FEET)

1 inch = 50 ft.

MODERATE INCOME HOUSING UNIT (MIHU) APPLICATION EXEMPTIONS TRACKING

LOTS 1-8

ECP-19-042, S-19-008, WP-19-081, DMV2-20-006

DESIGN: MP/MR | DRAFT: MP/MR

Total Number of Lots/Units Proposed

Total Number of MIHU's Required

Number of MIHU's Provided Onsite

(Exempt from APFO allocations)

Number of APFO Allocations Required

(Remaining Lots/Units)

MIHU Fee-in-Lieu

(Indicate Lot/Unit numbers)

N542370.1616', E1358287.1054 N542808.3770', E1358170.851

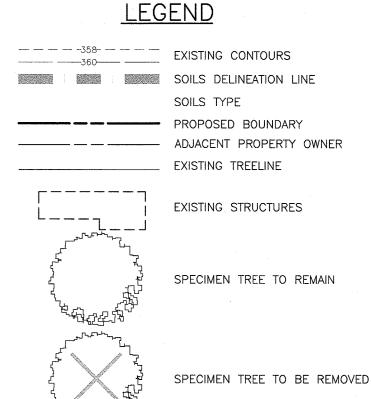
BENCHMARKS NAD'83 **HORIZONTAL** RAV. 1 REBAR AND CAP

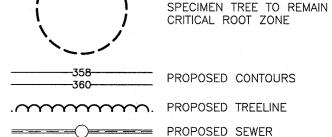
ELEVATION: 361.128'

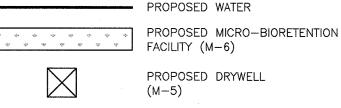
ELEVATION: 356.641'

TRAV. 2 REBAR AND CAP

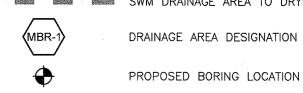
VICINITY MAP

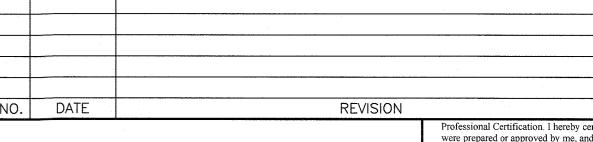












BENCHMARK ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS ENGINEERING, INC 8480 BALTIMORE NATIONAL PIKE▲ SUITE 315▲ ELLICOTT CITY, MARYLAND 21043

(P) 410-465-6105 (F) 410-465-6644

WWW.BEI-CIVILENGINEERING.COM

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. 45577, Expiration Date: 6-08-2020.

OWNER/DEVELOPER:	
DEVELOPMENT PARTNERS, LLC 9693 GERWIG LANE SUITE L COLUMBIA, MARYLAND 21046 410-792-2565	HUNTINGTON POINT LOTS 1 thru 8 and OPEN SPACE LOT 9
	9454 VOLLMERHAUSEN DR. COLUMBIA, MARYLAND 21040 TAX MAP: 42 — GRID: 22 — PARCEL: 167 ZONED: R—SC ELECTION DISTRICT NO. 6 — HOWARD COUNTY, MARYLAN
	PRFI IMINARY PLAN

PRELIMINARY PLAN COVER SHEET RELEVANT FILE NUMBERS:

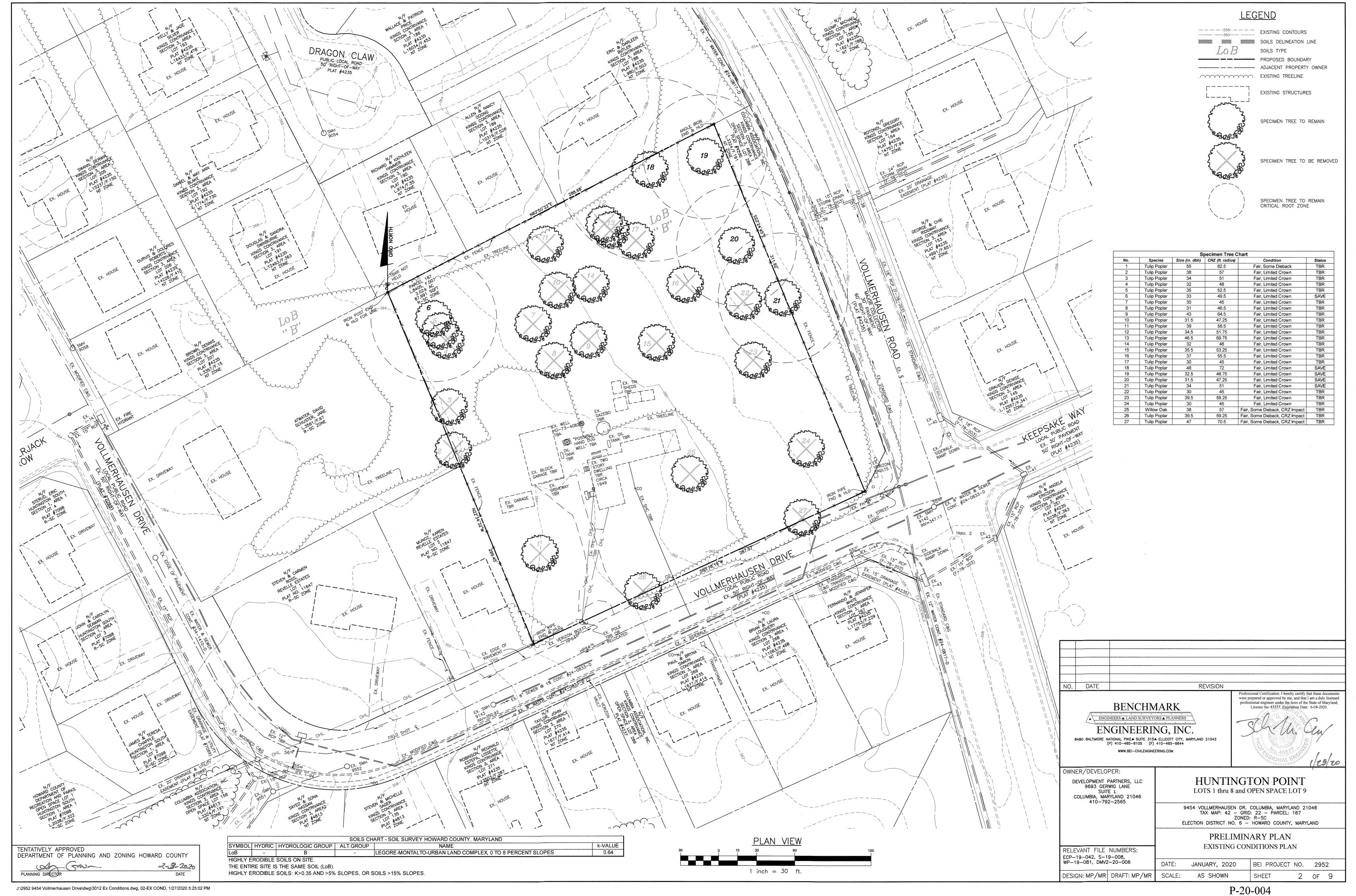
AS SHOWN

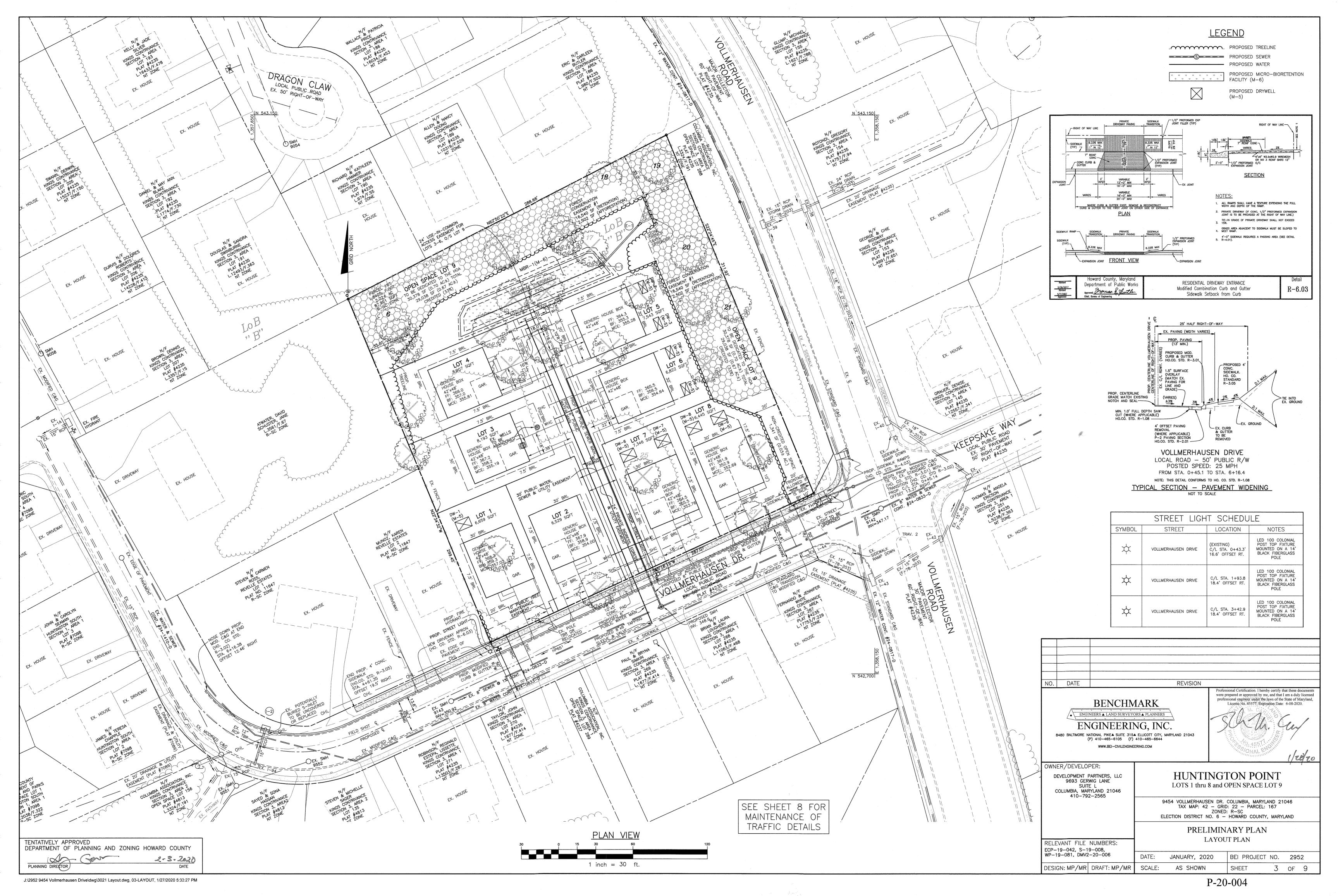
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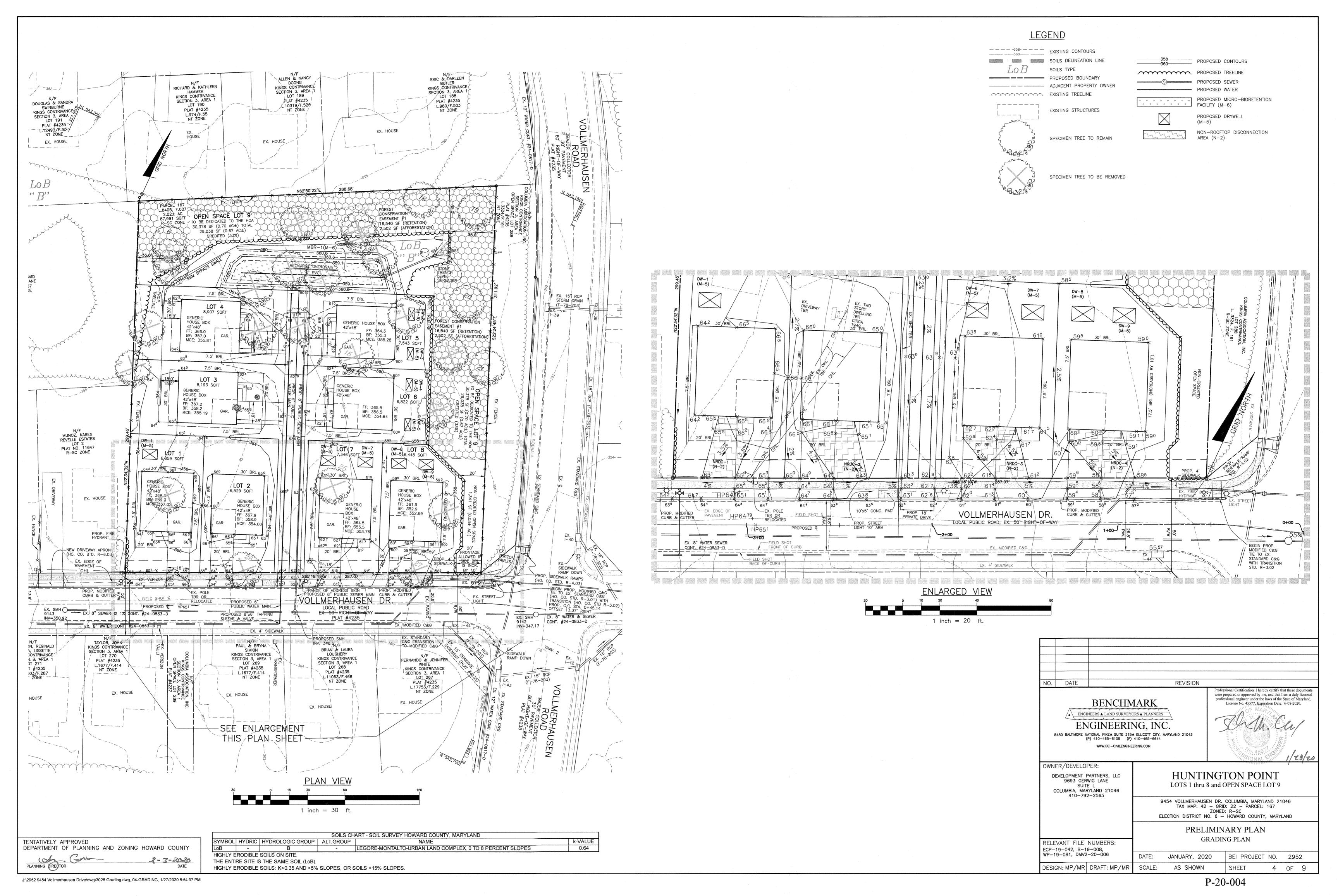
JANUARY, 2020 BEI PROJECT NO. 2952

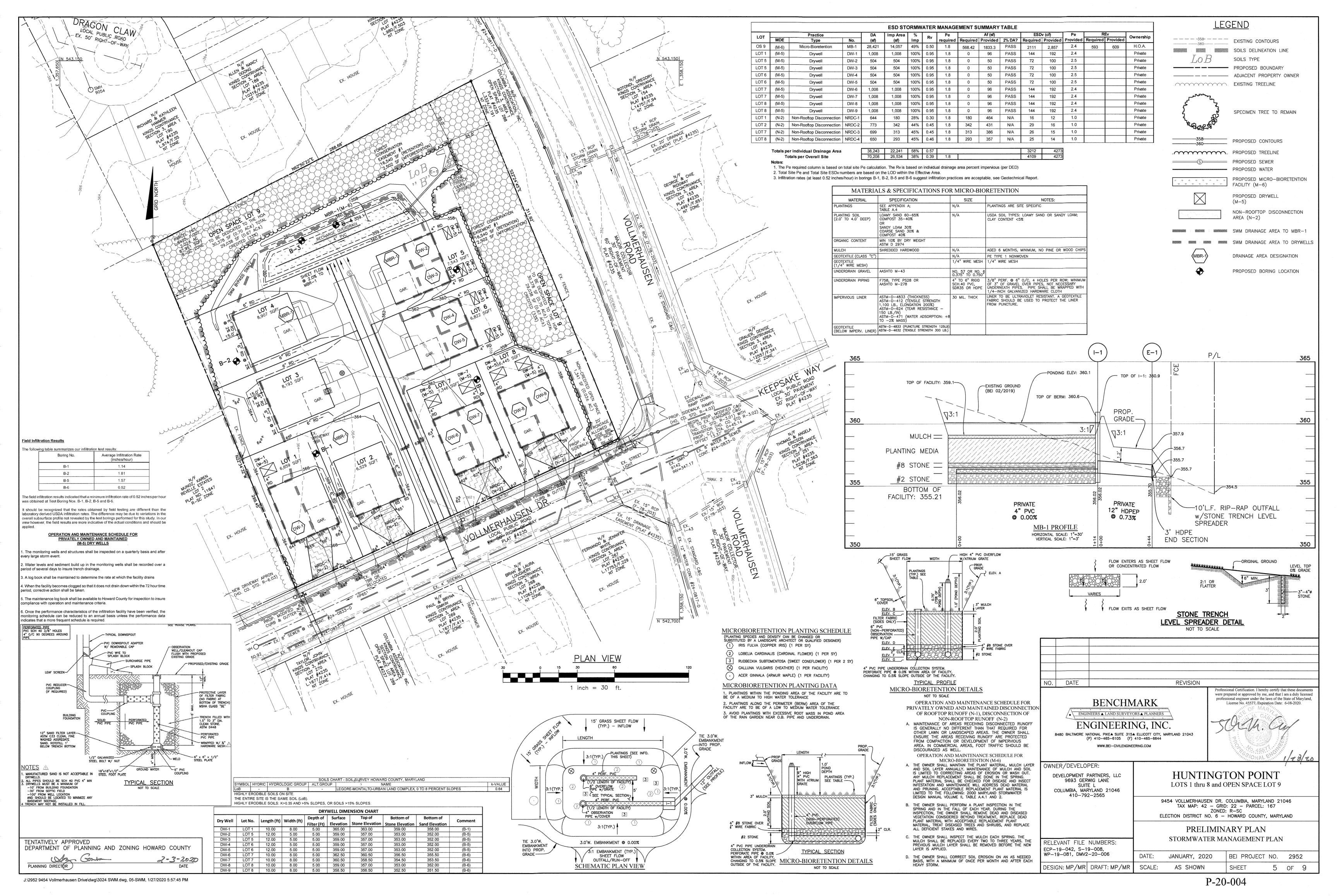
1 of 9

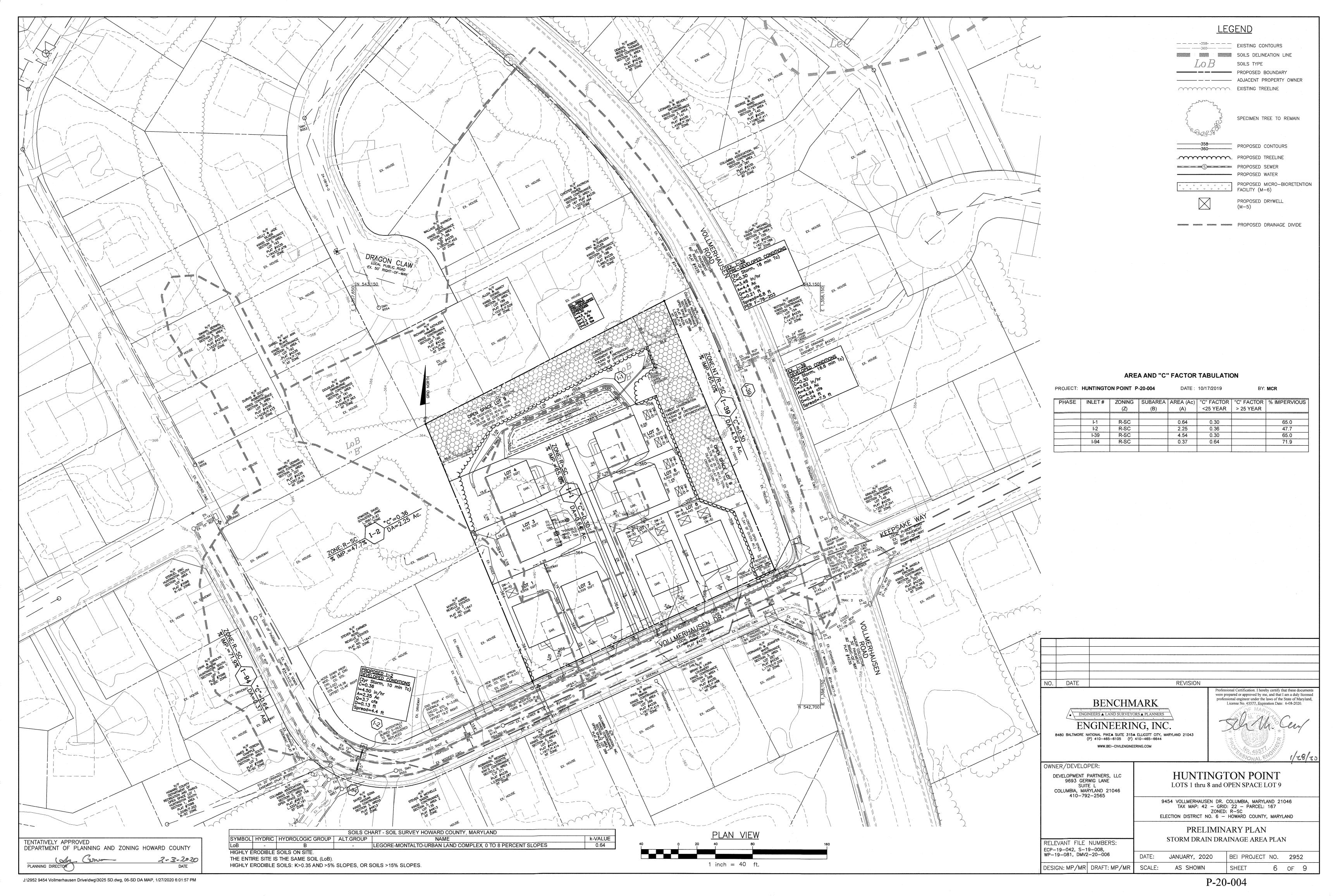
SHEET

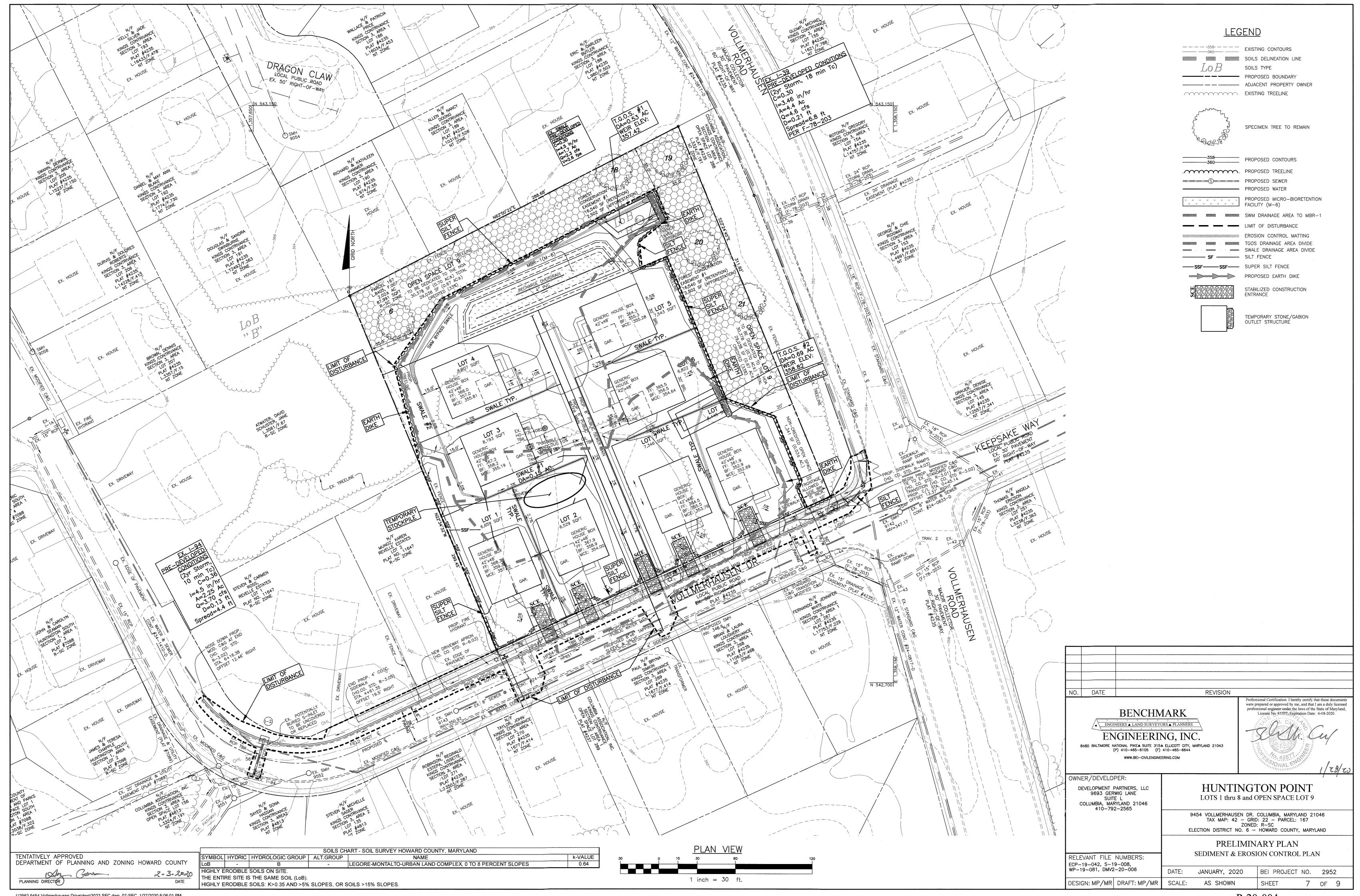


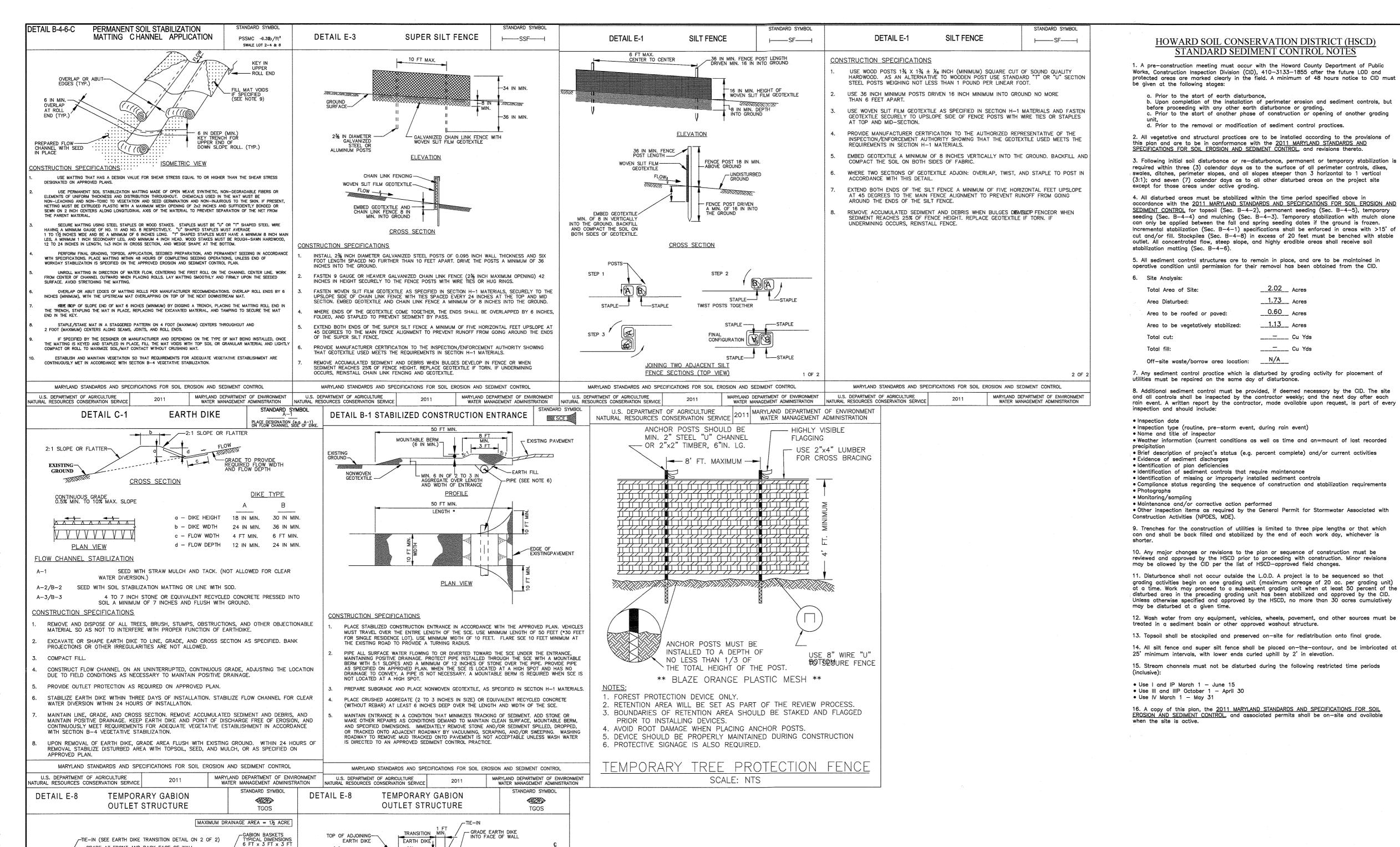


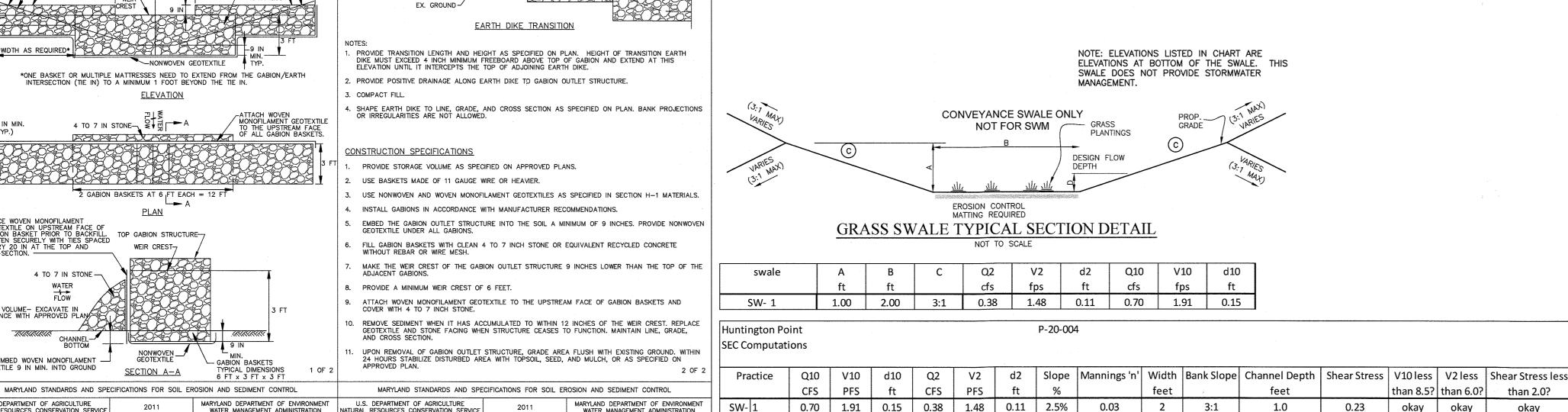












Weir

358.67 | 357.92 | 18

Uphill |Volume |Adequate

|Length | Provided | Volume?

1283 Yes

24

Temporary Stone/Gabion Outlet Structure

30062 | 0.69 | TGOS | 1242 | 357.4 | 356.57 | 359.57 | 358.82 | 20 | 27 |

Inv. Elev. Elev.

Designation| Drainage Area |Practice |Volume |Ground |Facility |Embankment|Weir

Required Elev.

0.57 | TGOS | 1028 | 356.5 | 355.67 |

TEMPORARY TRAFFIC CONTROL TYPICAL APPLICATION DELETE 'REVERSE CURVE' WARNING SIGNS, AND THERE SHALL BE A MINIMUM OF SEVEN CHANNELIZING DEVICES IN THE SHOULDER TAPER. CHANNELIZING DEVICE DIRECTION OF TRAFFIC WORK SITE Maryland Department of Transportation 104 STATE HIGHWAY ADMINISTRATION APPROVED STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES LANE SHIFT RIGHT OR LEFT SIDE/2-LANE, 2-WAY EQL/LESS THAN 40 MPH/15 MIN -12 HRS. OR DAYTIME ONLY FOR WORK WITHIN VOLMERHAUSEN ROAD

HOWARD SOIL CONSERVATION DISTRICT (HSCD)

b. Upon completion of the installation of perimeter erosion and sediment controls, but

c. Prior to the start of another phase of construction or opening of another grading

_____1.73___ Acres

____0.60___ Acres

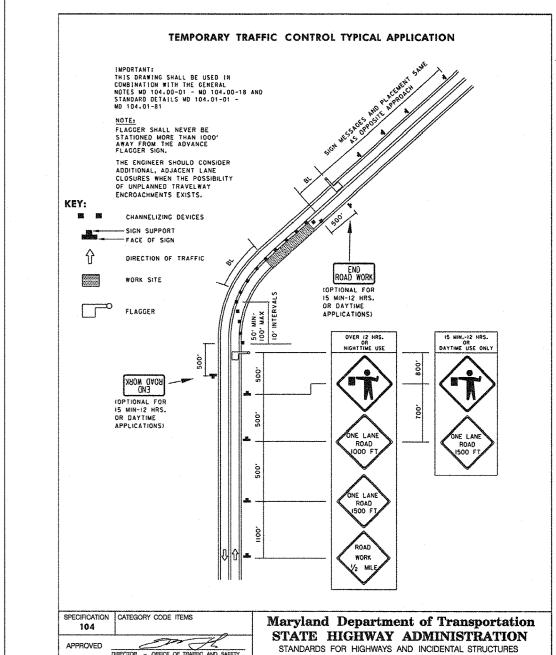
_____1.13___ Acres

_____ Cu Yds

____ Cu Yds

than 2.0?

STANDARD SEDIMENT CONTROL NOTES



MAINTENANCE OF TRAFFIC DETAILS NOT TO SCALE

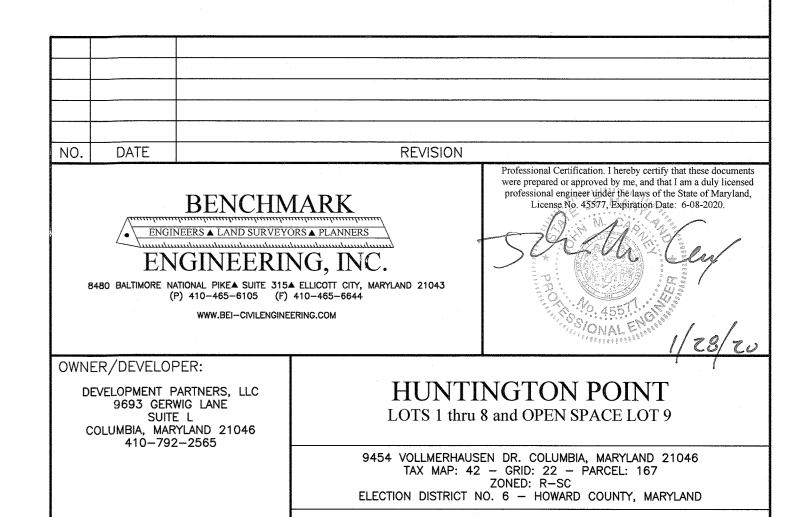
FOR WORK WITHIN VOLMERHAUSEN DRIVE

STANDARD NO.

FLAGGING OPERATION/2-LANE, 2-WAY

EQL/LESS THAN 40 MPH

MD 104.02-10



DATE:

SCALE:

RELEVANT FILE NUMBERS:

DESIGN: MP/MR DRAFT: MP/MR

ECP-19-042, S-19-008,

WP-19-081, DMV2-20-006

J:\2952 9454 Vollmerhausen Drive\dwg\3023 SEC.dwg, 08-SEC NOTES, 1/27/2020 6:06:31 PM

2 - 3-2020

#2

DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY

4 TO 7 IN STONE -

EMBED WOVEN MONOFILAMENT

SEOTEXTILE 9 IN MIN. INTO GROUND

U.S. DEPARTMENT OF AGRICULTURE TURAL RESOURCES CONSERVATION SERVICE

TENTATIVELY APPROVED

PLANNING DIRECTOR

TIE-IN \ 1 FT*

30 IN TYPE 'B' DIKE

P-20-004

SHEET

BEI PROJECT NO. 2952

8 of 9

PRELIMINARY PLAN

SEDIMENT & EROSION CONTROL NOTES AND DETAILS

JANUARY, 2020

AS SHOWN

