



SDP-20-027

GENERAL NOTES 1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY STANDARDS AND SPECIFICATIONS ALL WORK AND MATERIALS SHALL COMPLY WITH OSH A STANDARDS.	
SPECIFICATIONS. ALL WORK AND MATERIALS SHALL COMPLY WITH O.S.H.A. STANDARDS. 2. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1–800–257–7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK. 3. THE CONTRACTOR IS TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK ON THESE DRAWIN MISS UTILITY: 1–800–257–7777	NGS:
VERIZON: 1-800-743-0033 BUREAU OF UTILITIES: 410-313-4900 AT&T: 1-800-252-1133 B.G.&E. (CONSTRUCTION SERVICES): 410-637-8713	
B.G.&E. (EMERGENCY): 410–685–0123 STATE HIGHWAY ADMINISTRATION: 410–531–5533 COLONIAL PIPELINE CO.: 410–795–1390	
14. SITE ANALYSIS: PARCEL AREA: 3.00 AC. (*2.53 AC. DEVELOPABLE). SEE GEN. NOTE 60 FOR INFORMATION ON MINIMUM ACREAGE REQUIREMENTS. ELLICOTT GARDENS II GROSS PROJECT AREA (EXCLUDING RIGHT OF WAY): 2.53 AC. USE OF STRUCTURES: RESIDENTIAL APARTMENTS	
APARTMENT UNITS: 70 MIHU UNITS REQUIRED: 7 UNITS (70×10%) / MIHU UNITS PROVIDED: 7 UNITS OPEN SPACE REQUIRED (25% OF GROSS AREA): 64,469 SF	
ELLICOTT GARDENS I (3.40 AC. x 43560 x 25%) = 37,026 SF ELLICOTT GARDENS II (2.53 AC. x 43560 x 25%) = 27,443 SF OPEN SPACE PROVIDED: 69,505 SF RECREATIONAL OPEN SPACE REQUIRED (ELLICOTT GARDENS II) (400 SF PER UNIT): 28,000 SF	
RECREATIONAL OPEN SPACE REQUIRED (ELLICOTT GARDENS II): 49,134 SF (SEE REC. OPEN SPACE CHART THIS SHEET) BUILDING FLOOR SPACE: 103,718 S.F. TOTAL GARAGE LEVEL =20,979 S.F.	
1ST FLOOR =20,996 S.F. 2ND, 3RD AND 4TH FLOOR =20,581 S.F. BUILDING COVERAGE: 49,950 SF (1.147 AC. OR 45.34% OF GROSS AREA) PAVED DRIVEWAYS/PARKING LOT: 44,755 (1.03 AC. OR 40.61% OF GROSS AREA)	
AREA OF LANDSCÁPE ISLAND: 4,387 SF (Ò.10 AC. OR 3.95% OF GROSS AREA) AREA OF WETLANDS ON SITE: 0.00 AC. AREA OF WETLAND BUFFERS ON SITE: 0.01 AC.	
AREA OF STREAMS AND THEIR BUFFERS ON SITE: 0.02 AC. AREA OF ON—SITE 100 YEAR FLOODPLAIN: 0.00 AC. AREA OF EXISTING FOREST ON SITE: 2.20 AC. (INCLUDES 0.40 AC. CLEARED FROM SDP—10—021) AREA OF NRCS/MDE/HSCD STEEP SLOPES (20% OR GREATER): 0.36 AC.	
AREA OF STEEP SLOPES (25% OR GREATER): 0.22 AC. AREA OF ERODIBLE SOILS: 1.59 AC. LIMIT OF DISTURBED AREA: 2.21 AC. CUT: 3,441 CY FILL: 23,495 CY	
5. PROJECT BACKGROUND: LOCATION : COLUMBIA, MD. TAX MAP 31, BLOCK 19, PARCEL 428 & 467	
ZONING: POR SUBDIVISION: ELLICOTT GARDENS SECTION/AREA: N/A DEED REFERNCES: DEED 7894/473. DEED 10427/313	
DEED RÉFERNCES: DEED 7894/473, DEED 10427/313 DPZ REFERENCES: BA-06-005-V, BA-08-042V, BA-19-013V, AA-20-010; SDP-07-038, F08-009, F-08-064, SDP-07-137, WP-08-111, WP-09-085, SDP-10-021, S-19-009, ECP-19-040, WP-20-049 6. 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 THE START OF WORK. THE CONTRACTOR AND DEVELOPER OR A REPRESENTATIVE SHALL HAVE, ON THE JOB SITE, THE LATEST EDITION OF ALL APPLICABLE STANDARDS AND SPECIFICATIONS INCLUDING BUT NOT LIMITED TO HOWARD COUNTY DESIGN MANUAL, VOLUME IV, S.H.A. SPECIFICATION BOOK, AND LATEST MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL. 	
8. ANY DAMAGE TO PUBLIC RIGHT-OF-WAY, PAVING, OR EXISTING UTILITIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE. 9. EXISTING UTILITIES LOCATED FROM ROAD CONSTRUCTION PLANS, FIELD SURVEYS, PUBLIC WATER AND AND SEWER EXTENSION PLANS 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	AND
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. 10. TRAFFIC CONTROL DEVICES:	
 A. ALL STREET AND REGULATORY SIGNS SHALL MUST BE INSTALLED BEFORE BASE PAVING IS COMPLETED. B. THE TRAFFIC CONTROL DEVICE LOCATIONS SHOWN ON THE 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. C. ALL TRAFFIC CONTROL DEVICES AND THEIR LOCATIONS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MARYLAND MAI ON UNIFORM TRAFFIC CONTROL DEVICES (MdMUTCD). 	NUAL
D. 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 IN TO 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 EACH POST.	
11. PRIVATE ROAD STREET NAME SIGN ASSEMBLIES SHALL BE FABRICATED AND INSTALLED BY HOWARD COUNTY BUREAU OF HIGHWAYS AT T DEVELOPERS/OWNERS EXPENSE. CONTACT HOWARD COUNTY TRAFFIC DIVISION AT 410-313-5752 FOR DETAILS AND COST ESTIMATES. 12. ESTIMATES OF EARTHWORK QUANTITIES ARE PROVIDED SOLELY FOR THE PURPOSE OF CALCULATING FEES.	
 SOIL COMPACTION SPECIFICATIONS, REQUIREMENTS, METHODS AND MATERIALS ARE TO BE IN ACCORDANCE WITH THE RECOMMENDATIONS THE PROJECT GEOTECHNICAL ENGINEER. GEOTECHNICAL ENGINEER TO CONFIRM ACCEPTABILITY OF PROPOSED PAVING SECTION, BASED SOIL TEST PRIOR TO CONSTRUCTION. THE COORDINATES AND ELEVATIONS SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL, WHICH IS BASED UPON 	ON
THE MARYLAND STATE PLANE COORDINATE SYSTEM - NAD83(1991). HOWARD COUNTY MONUMENT NUMBERS 30IB AND 31GC WERE USI FOR THIS PROJECT. 15. THE PROPERTY LINES SHOWN HEREON IS BASED ON A BOUNDARY SURVEY PERFORMED BY ROBERT H. VOGEL ENGINEERING, INC.; DATE NOVEMBER 2004.	
16. THE TOPOGRAPHY SHOWN HEREON IS BASED ON AND A FIELD TOPOGRAPHICAL SURVEY WITH 2-FOOT CONTOUR INTERVALS; PERFORMED ROBERT H. VOGEL ENGINEERING, INC. DATED AUGUST 2004, AND BY VOGEL ENGINEERING + TIMMONS GROUP DATED 07/10/20 AND 01/29/21. OFFSITE AND SUPPLEMENTAL TOPOGRAPHY FROM HOWARD COUNTY GIS.	ı BY
17. GEÓTECHNICAL REPORT PREPARED BY ECS MID-ATLANDTIC, LLC, DATED NOVEMBER 9, 2019. 18. THE GEOTECHNICAL ENGINEER TO CONFIRM PAVING SECTION PRIOR TO CONSTRUCTION. REFERENCE SHEET 2 FOR PAVING SECTIONS. 19. ALL CURB AND GUTTER TO BE HOWARD COUNTY STANDARD DETAIL 3.01 UNLESS OTHERWISE NOTED (DETAILS, SHEET 3). 20. WHERE DRAINAGE FLOWS AWAY FROM CURB, CONTRACTOR TO REVERSE THE GUTTER PAN.	
 ALL ELEVATIONS ARE TO FLOWLINE/BOTTOM OF CURB UNLESS OTHERWISE NOTED. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED. CONTRACTOR RESPONSIBLE FOR CONSTRUCTING ALL HANDICAP RAMPS AND HANDICAP ACCESS IN ACCORDANCE WITH CURRENT ADA REQUIREMENTS. 	
24. ALL REINFORCED CONCRETE FOR STORM DRAIN STRUCTURES SHALL HAVE A MINIMUM OF 28 DAYS STRENGTH OF 3,500 P.S.I. 25. ALL STORMDRAIN PIPE BEDDING IS TO BE CLASS 'C', AS REQUIRED BY AASHTO—180. 26. ALL BUILDINGS TO HAVE ROOF LEADERS WHICH EMPTY INTO STORM DRAIN SYSTEM.	
27. THIS PROJECT IS SUBJECT TO COMPLIANCE WITH THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATION DEVELOPMENT OR CONSTRUCTION ON THIS PROPERTY MUST COMPLY WITH SETBACK AND BUFFER REGULATIONS IN EFFECT AT THE TIME OF SUBMISSION OF THE SITE DEVELOPMENT PLAN, ALTERNATIVE COMPLIANCE APPLICATION OR BUILDING/GRADING PERMIT APPLICATIONS 28. THE APFO TRAFFIC STUDY FOR THIS PROJECT WAS PREPARED BY THE TRAFFIC GROUP, DATED 02/27/2018; APPROVED 01/31/2020.	E
 A NOISE STUDY IS NOT REQUIRED FOR THIS PROJECT. THE SUBJECT PROPERTY IS ZONED POR PER THE 10/06/2013 COMPREHENSIVE ZONING PLAN. THERE IS NO 100-YR FLOODPLAIN, STREAMS, OR WETLANDS LOCATED ON-SITE. HOWEVER, THERE IS A WETLAND AND STREAM BUFFER LOCATED AT THE WESTERN EDGE OF THE PROPERTY. THERE ARE STEEP SLOPES AND SPECIMENT TREES ON-SITE. 	
 NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN THE WETLANDS, STREAMS, OR THEIR REQUIRED BUFFERS. REFERENCE MDE PERMIT# 20-NT-3156/202061192 FOR SEWER CONNECTION THROUGH NON-TIDAL WETLAND AND NON-TIDAL WETLAND)
BUFFER. 34. WETLAND AND FOREST STAND DELINEATION PREPARED BY ECO-SCIENCE PROFESSIONALS, INC., DATED 03/04/2019. FOREST STAND DELINEATION APPROVED 04/25/2019. 35. THE FOREST CONSERVATION OBLIGATIONS FOR THIS PROJECT HAS BEEN MET BY PROVIDING A FEE-IN-LIEU PAYMENT FOR THE REQUIRE	ED
3.00 AC OF REFORESTATION. THE OBLIGATION OF \$163,350.00 (3.00 ACx43560=130,680.00 SF. x \$1.25) HASS BEEN PAID TO THE HOWARD COUNTY FOREST CONSERVATION FUND. ALSO REFERENCE WP-20-049. 36. THIS PROECT IS SUBJECT TO WP-20-049, APPROVED TO WAIVE SECTION 16.12.09(a)(2) TO ALLOW A FEE-IN-LIEU PAYM	ENT GENERAL
TO FULFILL FOREST CONSERVATION REQUIREMENTS AND TO WAIVE SECTION 16.1205(a)(3) FOR THE REMOVAL OF 5 SPECIMEN TREES. APPROVAL SUBJECT TO THE FOLLOWING CONDITIONS: A. ALTERNATIVE COMPLIANCE APPROVAL IS LIMITED TO THE REMOVAL OF SPECIMEN TREES #1 THROUGH #5 AS DEPICTED ON THE MODIFIED ALTERNATIVE COMPLIANCE EXHIBIT. ANY PROPOSAL TO REMOVE ADDITIONAL SPECIMEN TREES WILL REQUIRE A NEW	55. THE OFFICI 56. THE SKETC PLAN ASSI
ALTERNATIVE COMPLIANCE REQUEST OR AN AMENDMENT TO THIS ALTERNATIVE COMPLIANCE REQUEST. B. A MINIMUM OF 10 ADDITIONAL, NATIVE, 3" DBH TREES SHALL BE PROVIDED ON SITE AS PART OF THE MITIGATION FOR THE SPECIM TREE REMOVAL (2:1 REPLACEMENT). THIS MITIGATION WILL BE ADDRESSED WITH THE PROJECT KNOWN AS "ELLICOTT GARDENS II" AN WILL BE IN ADDITION TO ANY REQUIRED LANDSCAPE OR FOREST CONSERVATION PLANTINGS.	ID WETLAND/
C. IT SHALL BE REQUIRED TO RETAIN AS MUCH FOREST POSSIBLE WHILE KEEPING THE DESIGN THAT RECEIVED THAT COMPETITIVE STA GRANT VIABLE. D. THE LOCATION OF THE OFF-SITE OBLIGATION SHALL BE IDENTIFIED PRIOR TO RECEIVING A TECHNICALLY COMPLETE ON THE SOP FO THE SITE.	(SDP-07-
 THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE, AND THE LANDSCAPE MANUAL. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE DEVELOPER'S AGREEMENT FOR THIS SITE 	E OF MINIMU 61. BASED ON 62. IN ACCORD
DEVELOPMENT PLAN IN THE AMOUNT OF \$26,680.00 FOR THE REQUIRED 60 SHADE TREES, 3 EVERGREEN TREES, 45 SHRUBS, AND 444LF OF RETAINING WALL. 39. ANY EXISTING STREET TREES DAMAGED OR DESTROYED DURING CONSTRUCTION WILL BE REPLACED BY THE CONTRACTOR. 40. FIRE LANES SHOULD BE PROVIDED IN THIS SITE TO ALLOW EMERGENCY VEHICLE ACCESS. EITHER FIRE LANE SIGNAGE SHOULD BE	WEEK. 63. REFERENCE GARDENS 64. REFERENCE
INSTALLED, OR THE CURBS SHOULD BE PAINTED IN RED AND STENCILED TO IDENTIFY THE ROAD AS A FIRE LANE. 41. A FIRE DEPARTMENT CONNECTION FOR FIRE PROTECTION SYSTEMS SHALL BE LOCATED: A. ON THE SIDE OF THE STRUCTURE DISPLAYING THE ADDRESS (UNLESS OTHERWISE APPROVED BY THE AHJ) AND BE CLEARLY VISIBL TO THE RESPONDING UNITS;	PARKING 1
B. WITHIN 100 FT. OF A FIRE HYDRANT; (II) THE APPROPRIATE SIGN SHALL BE MOUNTED ON THE BUILDING'S WALL BETWEEN 8 AND 12 FEET ABOVE THE FIRE DEPARTMENT CONNECTION;	66. IN ACCORD
 (III) A FREE-STANDING FIRE DEPARTMENT CONNECTION SHALL HAVE THE SIGN MOUNTED ON A POLE DIRECTLY BEHIND THE CONNEC APPROXIMATELY 6 FEET HIGH; (IV) SIGNS SHALL HAVE A WHITE REFLECTIVE BACKGROUND WITH A RED REFLECTIVE BORDER, RED REFLECTIVE LETTERS AND A RED REFLECTIVE ARROW. THE BORDER SHALL HAVE A 3/8" STROKE. THE LETTERS SHALL BE 6" HIGH WITH A 1" STROKE. THE ARRC 	SUBDIVISIC 67. *** REF. B
SHALL HAVE A STROKE NOTE LESS THAN 2". THE OVERALL SIGN MEASUREMENTS SHALL BE 12" BY 18"; (V) ANY OBSTRUCTION OR CONDITION THAT DETERS OR HINDERS ACCESS TO A FDC IS PROHIBITED. A MINIMUM CLEAR SPACE OF 1 FEET (7.5 FEET ON ALL SIDES) SHALL BE MAINTAINED.	5 68. ** REF. BA
42. A KNOX BOX'IS REQUIRED TO BE PLÁCED ON THE FRONT OF THE BUILDING. IT SHALL BE PLACED TO THE RIGHT OF THE MAIN ENTRA AT A RANGE OF 4-5' IN HEIGHT AND NO MORE THAN 6' LATERALLY FROM THE DOOR. IT'S LOCATION IS SHOWN ON THESE PLANS. TH BOX SHALL BE ELECTRONICALLY SUPERVISED TO NOTIFY THE OWNER THAT IT IS BEING ACCESSED (INTEGRATED WITH THE FIRE ALARM SYSTEM). THE CONTRACTOR SHOULD CONTACT THE OFFICE OF THE FIRE MARSHAL PRIOR TO PURCHASING AND INSTALLING KNOX BOXE	HE A. REDUCI HE B. INCREA
TO DETÉRMINE IF ADDITIONAL KNOX BOXES WILL BE REQUIRED, AS WELL AS TO VERIFY THE LOCATION(S) WHERE THEY ARE TO BE MOUNTED. 43. THE PROPOSED BUILDING WILL HAVE AN INSIDE METER SETTING, AND AN AUTOMATIC FIRE PROTECTION SPRINKLER SYSTEM.	5
 44. THIS PROPERTY IS WITHIN THE METROPOLITAN DISTRICT. 45. THIS DEVELOPMENT IS SUBJECT TO SECTION 18.122B OF THE HOWARD COUNTY CODE. PUBLIC WATER AND/OR SEWER SERVICE HAS BE GRANTED UNDER THE TERMS AND PROVISIONS, THEREOF, EFFECTIVE/, ON WHICH DATE DEVELOPER AGREEMENT # WAS FILED AND ACCEPTED. 	EN
 PUBLIC WATER AND SEWER THROUGH CONTRACT 14-5126-D, 14-4363-D, AND 14-1976-D. TO THE BEST OF THE OWNERS KNOWLEDGE, THERE ARE NO BURIAL GROUNDS OR CEMETERIES LOCATED ON THE SUBJECT PROPERTY OF THE COUNTY'S CEMETERY SITE MAP. 	JR
 THERE IS A HISTORIC SITE NOTED ON PARCEL 428 (HO#1007), WHICH WAS PREVIOUSLY DEMOLISHED. THERE ARE NO HISTORIC STRUCTURES CURRENTLY ON THIS SITE. WATERLOO ROAD IS CLASSIFIED AS A MINOR ARTERIAL ROAD. THIS SITE IS NOT LOCATED ON A SCENIC ROAD. STREET LIGHT PLACEMENT AND THE TYPE OF FIXTURE AND POLE SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ZONING 	
REGULATIONS, SECTION 134.0. A MINIMUM OF 20' SHALL BE MAINTAINED BETWEEN ANY STREET LIGHT AND ANY TREE. 51. ALL EXTERIOR LIGHTING TO COMPLY WITH THE REQUIREMENTS FOUND IN ZONING SECTION 134 OF THE HOWARD COUNTY ZONING REGULATIONS. LIGHT TRESPASS ONTO ANY PROPERTY ZONED OR USED FOR RESIDENTIAL PURPOSES SHALL BE LIMITED TO 0.5 FOOT CANDLES.	
52. EXCEPT FOR SPOTLIGHTS AND LOW INTENSITY LIGHTS AS DEFINED IN SECTION 134.O.C.2 AND 134.O.C.3, OF THE HOWARD COUNTY ZON REGULATIONS, ALL LIGHT FIXTURES SHALL BE FULLY OR PARTIALLY SHIELDED. 53. TRASH AND RECYCLING COLLECTION TO BE PRIVATE. 54. STORMWATER MANAGEMENT TO BE DESIGNED IN ACCORDANCE WITH THE 2007 MDE STORMWATER DESIGN MANUAL, CHAPTER 5,	IING
ENVIRONMENTAL SITE DESIGN. STORMWATER MANAGEMENT IS BEING PROVIDED FOR A LARGE MAJORITY OF THE IMPERVIOUS SURFACES. PRACTICES USED FOR STORMWATER MANAGEMENT (ESD) FOR THIS PROJECT INCLUDE A MICRO-BIORETENTION FACILITIES (M-6), AND A SUBMERGED GRAVEL WETLAND (M-2). STORMWATER QUANTITY MANAGEMENT FOR THE 10 & 100 YEAR STORM IS PROVIDED BY AN	
UNDERGROUND DETENTION FACILITY. ALL SWM FACILITIES TO BE PRIVATELY OWNED AND MAINTAINED.	

DATE

APPROVED:	HOWARD	COUNTY	DEPARTMENT	OF	PLANNING	AND	ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION	DATE
CHIEF, DIVISION OF LAND DEVELOPMENT	DATE
DIRECTOR	DATE

APPROVED : FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS

COUNTY HEALTH OFFICER HOWARD COUNTY HEALTH DEPARTMENT

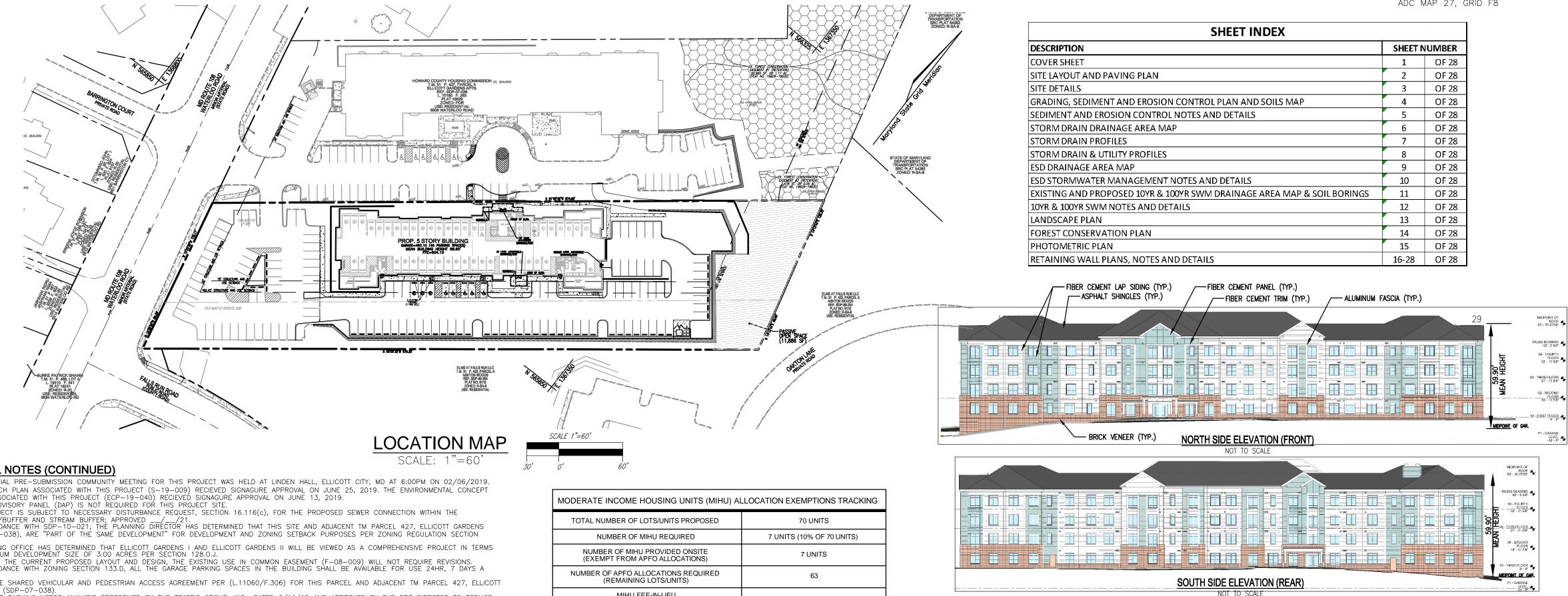
NOTES (CONTINUED)

- /ISORY PANEL (DAP) IS NOT REQUIRED FOR THIS PROJECT SITE.

- (SDP-07-038).

- (ING LOT TO 8.2'. -20-010, APPROVED NOVEMBER 4, 2020, TO:
- ASE THE MAXIMUM BUILDING HEIGHT FROM 50' TO 59.90' (INCREASE OF 9.90').

ELLICOTT GARDENS II HOUSING COMMISSION HOUSING DEVELOPMENT (70 APARTMENTS) PARCELS 428 & 467 TAX MAP 31 - BLOCK 19 SITE DEVELOPMENT PLAN



USD-07-036). E PARKING NEEDS ANALYSIS PERFORMED BY THE TRAFFIC GROUP, INC., DATED 6/11/19 AND APPROVED BY THE DPZ DIRECTOR TO REDUCE TO 1.7 SPACES PER APARTMENT UNIT. DANCE WITH SECTION 112.0.G OF THE 10/23/18 COMPREHENSIVE ZONING REGULATIONS, THIS SUBDIVISION IS SUBJECT TO MODERATE INCOME UNIT REQUIREMENTS. THE MIHU AGREEMENT AND MIHU COVENANTS IS REQUIRED IN ACCORDANCE WITH SECTION 13.402 OF THE HOWARD CORE FOR THE FORMER TO THE THE TOP THE ODE. THE MODERATE INCOME HOUSING UNIT AGREEMENT FOR THE 7 DWELLING UNITS (10% OF 70 UNITS) WAS RECORDED IN THE HOWARD AND RECORDS ON __/__/__, BY LIBER ______ AND FOLIO ______ ANCE WITH SECTION 128.J.1.g OF THE ZONING REGULATIONS, THIS PROJECT SHALL PROVIDE 25% OF GROSS ACREAGE FOR PASSIVE, NAL AND/OR AMENITY OPEN SPACE IN PROXIMITY TO THE RESIDENTIAL UNITS. AND IN ACCORDANCE WITH SECTION 16.121(a)(4)(vi) OF THE IN REGULATIONS, USABLE OUTDOOR SPACE FOR THIS APARTMENT PROJECT IS 400 SF/UNIT. 34-08-042V, APPROVED 01-05-2009 TO REDUCE THE REQUIRED 75' USE SETBACK FROM RESIDENTIAL DISTRICT TO 8.2' FOR PARKING USES TAINING WALL AND REDUCE THE 30' STRUCTURE AND USE SETBACK FROM A PUBLIC STREET RIGHT OF WAY TO 14.4' FOR PARKING USES. -19-013V, APPROVED DECEMBER 12, 2019; FOR A VARIANCE TO REDUCE THE 75' STRUCTURE AND USE SETBACK FOR THE RETAINING WALL

THE REQUIRED 75' BUILDING SETBACK TO RESIDENTIAL DISTRICT TO 65.96' (REDUCED BY 9.04').

MODERATE INCOME HOUSING UNITS (MIHU) ALLOCATION EXEMPTIONS TRAC TOTAL NUMBER OF LOTS/UNITS PROPOSED 70 UNITS	
NUMBER OF MIHU PROVIDED ONSITE (EXEMPT FROM APFO ALLOCATIONS)	7 UNITS
NUMBER OF APFO ALLOCATIONS REQUIRED (REMAINING LOTS/UNITS)	63
MIHU FEE-IN-LIEU (INDICATE LOT/UNIT NUMBERS)	N/A
	N/A

STORMWATER MANAGEMENT INFORMATION CHART					
LOT/PARCEL #	FACILITY NAME & NUMBER	PRACTICE TYPE (QUANTITY)	PUBLIC	PRIVATE	MAINTENANCE RESPONSIBILITY
PARCEL 428/467	SWM #1	M-6 Micro-Bioretention		Х	Owner
PARCEL 428/467	SWM #2	M-2 Submerged Gravel Wetland		Х	Owner
PARCEL 428/468	SWM #3	Underground Detention Pipe		Х	Owner

OPEN SPACE

OPEN SPACE REQUIRED IS 25% OF GROSS AREA FOR PASSIVE, RECREATION AND/OR OPEN SPACE IN PROXIMITY TO THE RESIDENTIAL UNITS FOR THE ENTIRE ELLICOTT GARDENS PROJECT (I & II).

TOTAL OPEN SPACE REQUIRED: ELLICOTT GARDENS I: OPEN SPACE REQUIRED (3.40 AC. X 25%) = <u>ELLICOTT GARDENS II: OPEN SPACE REQUIRED (2.53 AC. X 25%) =</u> TOTAL OPEN SPACE REQUIRED FOR ELLICOTT GARDENS I AND II =	37,026 SF. 27,443 SF.		
TOTAL OPEN SPACE REQUIRED FOR ELLICOTT GARDENS I AND II =	64,469 SF.		
TOTAL OPEN SPACE PROVIDED:		LOT/PARCEL#	
ELLICOTT GARDENS I: OPEN SPACE PROVIDED (SDP-07-038) = ELLICOTT GARDENS II: OPEN SPACE PROVIDED =	53,579 SF. 15,926 SF.	PARCEL 467	
11,886 SF. PASSIVE (PROTECTION OF THE ENVIRONMENT) 4.040 SF AMENITY RECREATION AREA	10,920 31.	PARCEL 428	
TOTAL OPEN SPACE PROVIDED FOR ELLICOTT GARDENS I AND II =	69,505 SF.		
RECREATION OPEN SPACE		SUBDI	
RECREATION OPEN SPACE REQUIRED: (400 S.F. x 70 APT. UNITS) = RECREATION OPEN SPACE PROVIDED:	28,000 SF.	WATERLOO	
– OPEN SPACE LAND AREA (ELLICOTT GARDENS II) =	15,926 SF.	PLAT NO.	BLOO
 RECREATION AMENITIES (6 BENCHES @ 200 SF) COMMUNITY CENTER (4,344 S.F./10 S.F. x 70 UNITS) = (INCLUDES CLUB ROOM, FITNESS ROOM, COMPUTER ROOM) 	2,800 SF. 30,408 SF.	12015/485 (PLAT)	1
TOTAL RECREATION OPEN SPACE PROVIDED =	49,134 SF.	WATER CODE	: G07

PARKING TABULATION - ELLICOTT GARDENS II

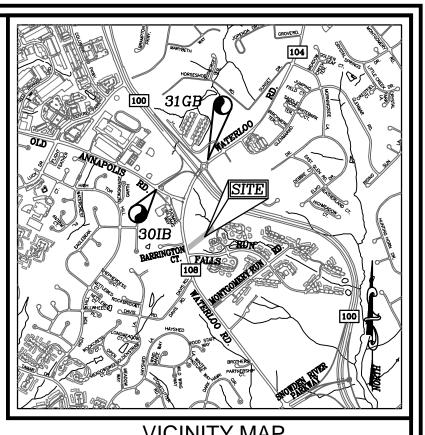
HOWARD COUNTY HOUSING COMMISSION DEVELOPMENT, APART	
	<u>REQUIRED</u>
APARTMENT BUILDING – 1.70 SPACES* @ 70 UNITS:	119 SPACES
ADDITIONAL SPACES FOR ELLICOTT GARDENS I (SDP-10-021)	55 SPACES
TOTAL SPACES REQUIRED:	174 SPACES
	PROVIDED
PROPOSED GARAGE SPACES:	46 SPACES
PROPOSED SURFACE PARKING SPACES:	78 SPACES
EXISTING SURFACE PARKING SPACES TO REMAIN:	50 SPACES
TOTAL SPACES PROVIDED:	174 SPACES
(INCLUDING 8 HC SPACES,	3 IN GARAGE)
(INCLUDING 8 HC SPACES, (INCLUDING 3 EV CHARGING SPACES –	1/25 UNITS)
* REF. GENERAL NOTE 64	

BENCHMARKS

BENCHMARK 30IB E 1366270.75	ELEV. 526.868
BENCHMARK 31GB E 1367353.38	ELEV. 512.080

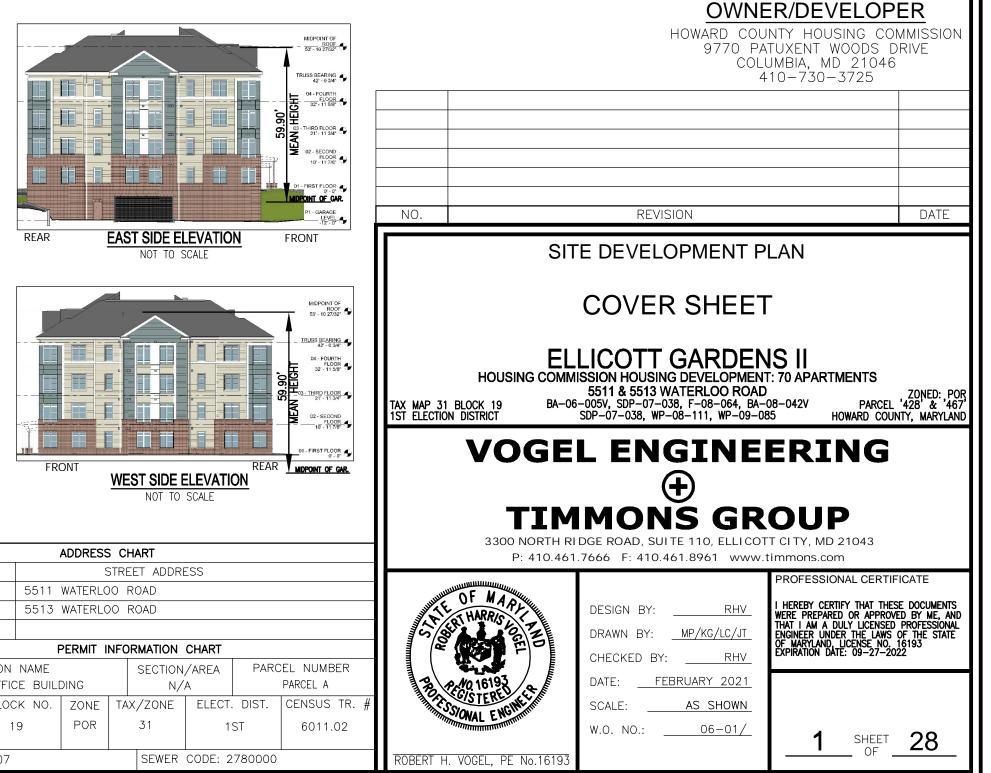
LEGEND

= = = = = = = = EXISTING CURB AND GUTTER PROPOSED CURB AND GUTTER GHT-OF-WAY LIN XISTING FOREST ONSERVATION EASEMEN PROP. SIDEWALK OPEN SPACE

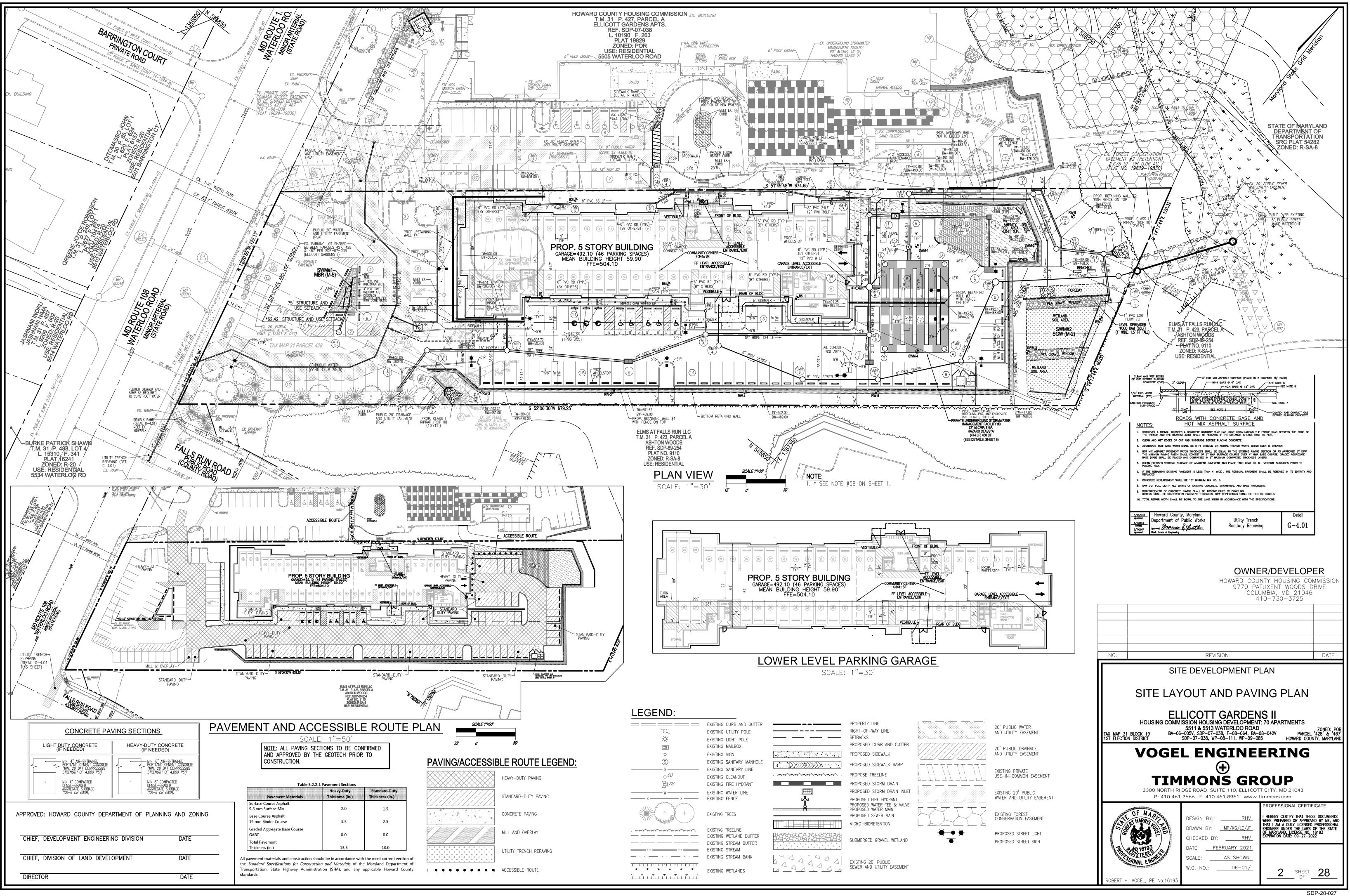


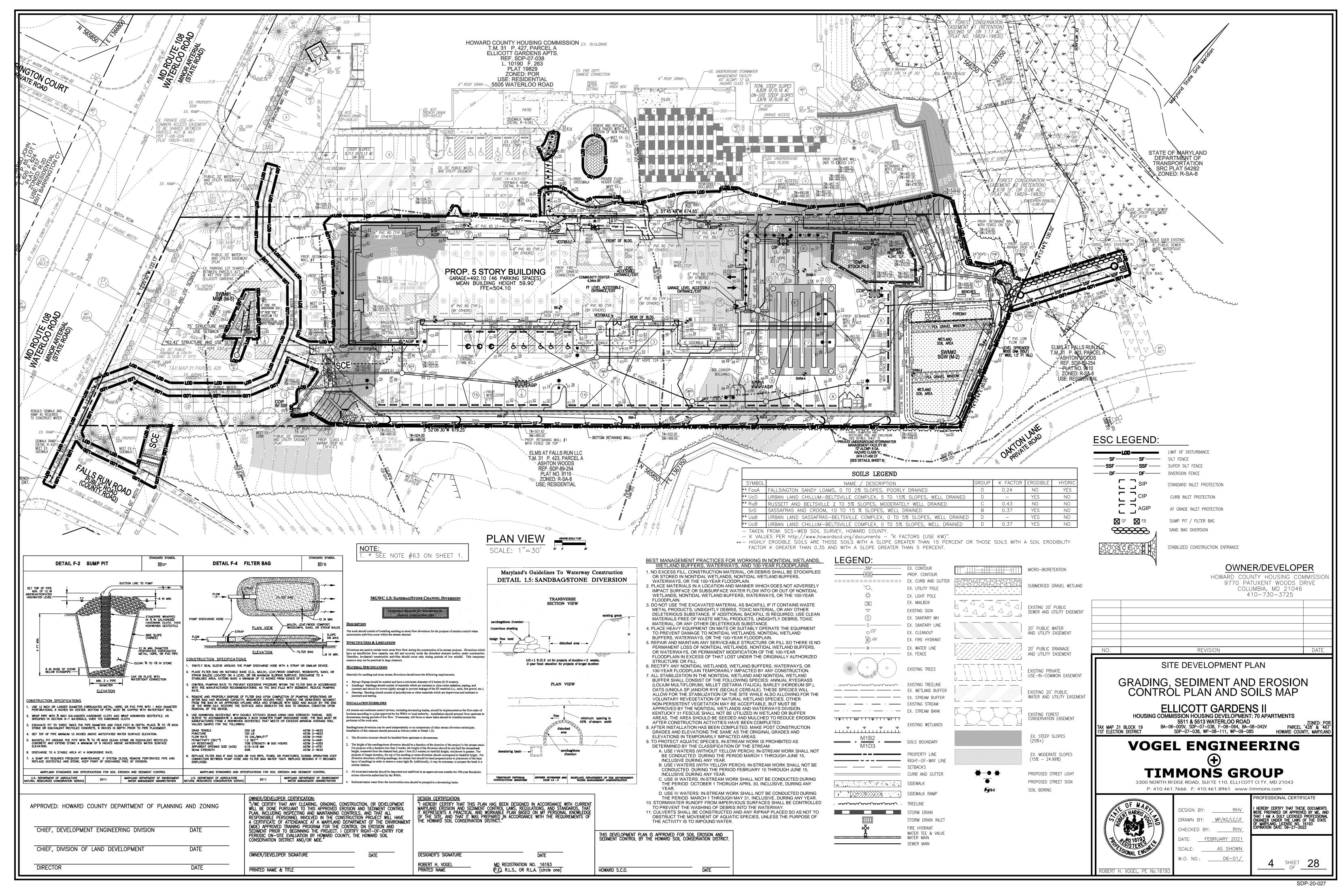
VICINITY MAP SCALE: 1"=2000' ADC MAP 27, GRID F8

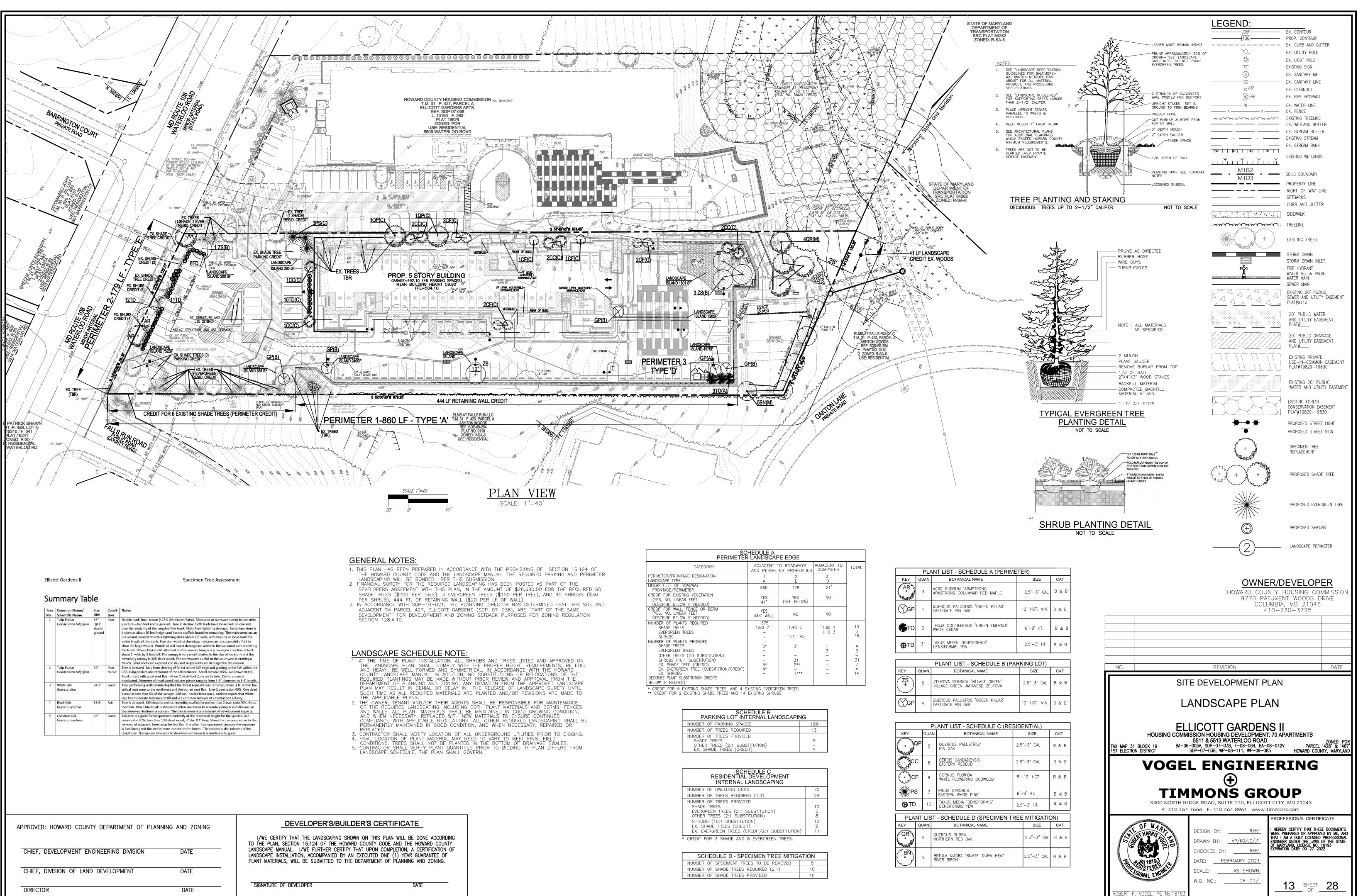
SHEET INDEX		
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SDP-20-027







SCHEDULE A PERIMETER LANDSCAPE EDGE				
CATEGORY		O ROADWAYS ER PROPERTIES	ADJACENT TO DUMPSTER	тот
PERIMETER/FRONTAGE DESIGNATION LANDSCAPE TYPE	1 A	2 E	3 D	
LINEAR FEET OF ROADWAY FRONTAGE/PERIMETER	860'	179'	21'	
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET DESCRIBE BELOW IF NEEDED)	YES 41'	YES (SEE BELOW)	NO	
CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET DESCRIBE BELOW IF NEEDED)	YES 444'WALL	NO	NO	
NUMBER OF PLANTS REQUIRED SHADE TREES EVERGREEN TREES SHRUBS	375' 1:60 7 	1:40_5 	1:60 1 1:10 3 -	1. 3 4!
NUMBER OF PLANTS PROVIDED SHADE TREES EVERGREEN TREES OTHER TREES (2:1 SUBSTITUTION) SHRUBS (10:1 SUBSTITUTION) EX. SHADE TREE (CREDIT) EX. SHADE TREE (SUBSITUTION/CREDIT) EX. SHRUBS DESCRIBE PLANT SUBSTITUTION CREDITS BELOW IF NEEDED)	0* _ _ 5* 4* _	3 31 2** - 14**	1 3 - - - -	4 3 3 7 4 1

SCHEDULE B PARKING LOT INTERNAL LANDSCAPII	NG
NUMBER OF PARKING SPACES	128
NUMBER OF TREES REQUIRED	13
NUMBER OF TREES PROVIDED SHADE TREES OTHER TREES (2:1 SUBSTITUTION) EX. SHADE TREES (CREDIT)	9 4

SCHEDULE C RESIDENTIAL DEVELOPMENT INTERNAL LANDSCAPING	
NUMBER OF DWELLING UNITS	70
NUMBER OF TREES REQUIRED (1:3)	24
NUMBER OF TREES PROVIDED SHADE TREES EVERGREEN TREES (2:1 SUBSTITUTION) OTHER TREES (2:1 SUBSTITUTION) SHRUBS (10:1 SUBSTITUTION) EX. SHADE TREES (CREDIT) EX. EVERGREEN TREES (CREDIT/2:1 SUBSTITUTION)	10 3 10 2) 11
CREDIT FOR 3 SHADE AND 8 EVERGREEN TREES.	
SCHEDULE D - SPECIMEN TREE MITIGA	ATION
NUMBER OF SPECIMENT TREES TO BE REMOVED	5
NUMBER OF SHADE TREES REQUIRED (2:1)	10
NUMBER OF SHADE TREES PROVIDED	10

PLANT LIST -								
KEY	QUAN.		BOTA					
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Øдр	1		QUERCUS PAL FASTIGIATE PII					
🏶 то	3		THUJA OCCIDE WHITE CEDAR					
⊕TD	31		TAXUS MEDIA DENSIFORMIS					
	,			PLANT LI				
KEY	QUAN.			BC				
ZS +	5		ZELKOVA SER VILLAGE GREE					
GP	4		QUERCUS PAL FASTIGIATE PII					
i								
PLANT LI								
KEY		QUA	N.					
Ċ	, QP			QUERCUS PIN OAK				
AND AND AND CO	С	8		CERCIS CA EASTERN F				
{	F	8		CORNUS F WHITE FLC				
₩ P\$	₩PS			PINUS STR EASTERN V				
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⊕ TD		10		DENSIFOR			
PLANT LIST - SCHEI							
KEY	QUAN.			B			
QR	4		QUERCUS RI NORTHERN F				
S. S	5		BETULA NIA(RIVER BIRCH				