GENERAL NOTES

- . APPROXIMATE LOCATIONS OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT EXISTING MAINS AND SERVICES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE
- ENGINEER AT THE CONTRACTOR'S EXPENSE.

 THE EXISTING TOPOGRAPHY SHOWN HEREON IS TAKEN FROM AN AERIAL TOPOGRAPHIC SURVEY PREPARED BY ROBERT H. VOGEL ENGINEERING, INC. DATED OCTOBER 2012 & JANUARY 2013. OFFSITE TOPOGRAPHY FROM HOWARD COUNTY GIS.
- THE COORDINATES SHOWN ON THE DRAWINGS ARE BASED ON MARYLAND STATE REFERENCE SYSTEM NAD '83/'91 AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS 53HA AND 35HB. ALL VERTICAL CONTROLS ARE BASED ON NAVD' 88. VERTICAL CONTROLS PROVIDED ON DRAWINGS ARE: GEODETIC SURVEY CONTROL 42IA (N 543,390.41 E 1,364,912.66) BRASS DISC SET ON TOP OF A CONCRETE MONUMENT.

GEODETIC SURVEY CONTROL 4218 (N 542,107.89 E 1,362,386.04)
BRASS DISC SET ON TOP OF A CONCRETE MONUMENT.

- . ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS UNLESS OTHERWISE NOTED. 5. CLEAR ALL UTILITIES BY A MINIMUM OF 12 INCHES. CLEAR ALL POLES BY 5'-0" MINIMUM OR TUNNEL AS REQUIRED UNLESS OTHERWISE NOTED. THE OWNER HAS CONTACTED THE UTILITY COMPANIES AND HAS MADE ARRANGEMENTS FOR BRACING OF POLES AS SHOWN ON DRAWINGS. IN THE EVENT THE CONTRACTOR'S WORK REQUIRES THE BRACING OF ADDITIONAL POLES, ANY COST INCURRED BY THE OWNER FOR BRACING OF ADDITIONAL POLES OR DAMAGES SHALL BE DEDUCTED FROM MONIES OWED THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO SCHEDULE
- THE BRACING OF THE POLES. . FOR DETAILS NOT SHOWN ON THE DRAWINGS, AND FOR MATERIALS AND CONSTRUCTION METHODS USE,
- HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (LATEST EDITION). THE CONTRACTOR SHALL HAVE A COPY OF VOLUME IV ON THE JOB. WHERE TEST PITS HAVE BEEN MADE ON EXISTING UTILITIES, THEY ARE NOTED BY THE SYMBOL AT THE LOCATIONS OF THE TEST PITS. A NOTE OR NOTES CONTAINING THE RESULTS OF THE TEST PIT OR PITS IS INCLUDED ON THE DRAWINGS. EXISTING UTILITIES IN THE VICINITY OF THE PROPOSED WORK FOR WHICH TEST PITS HAVE NOT BEEN DUG SHALL BE LOCATED BY THE CONTRACTOR TWO WEEKS IN
- ADVANCE OF CONSTRUCTION OPERATION AT HIS OWN EXPENSE. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:

1-800-252-1133 BGE (CONTRUCTION SERVICES) BGE (EMERGENCY)_ BUREAU OF UTILITIES. COLONIAL PIPELINE CO ... _410-795-1390 MISS UTILITY___ 1-800-257-7777 STATE HIGHWAY ADMINISTRATION. __410-531-5533 1-800-743-0033

- . TREES AND SHRUBS ARE TO BE PROTECTED FROM DAMAGE TO THE MAXIMUM EXTENT. TREES AND SHRUBS LOCATED WITHIN THE CONSTRUCTION STRIP ARE NOT TO BE REMOVED OR DAMAGED BY THE
- THE CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS ALONG THE LINE OF EXCAVATION.
- 11. THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, AT (410) 313-7450 AT LEAST FIVE WORKING DAYS BEFORE OPEN CUTTING OR BORING/JACKING OF ANY COUNTY ROAD FOR LAYING WATER/SEWER MAINS OR HOUSE CONNECTIONS. THE APPROVAL OF THESE DRAWINGS WILL CONSTITUTE COMPLIANCE WITH DPW REQUIREMENTS PER SECTION 18.114(a) OF THE HOWARD

- ALL WATER MAINS SHALL BE AWWA STANDARD C900 DR18 PVC UNLESS OTHERWISE NOTED. TOPS OF ALL WATER MAINS SHALL HAVE A MINIMUM OF 3'-6" OF COVER UNLESS OTHERWISE NOTED. VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
- ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS.
- FIRE HYDRANTS SHALL BE SET TO THE BURY LINE ELEVATIONS SHOWN ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD DETAILS. THE SOIL AROUND THE FIRE HYDRANT SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1000 AND SECTION 1005 OF THE STANDARD SPECIFICATIONS.
- THE STANDARD SPECIFICATIONS.

 6. THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM.

 7. TRACER WIRE AND CONTINUITY TEST STATIONS SHALL BE INSTALLED ON ALL DIP AND PVC WATER MAINS IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL.

 8. FOR PVC WATER MAINS, ALL RECORDS FOR THE QUALITY CONTROL AND QUALIFICATIONS TEST REQUIREMENTS NOTED IN SECTION 5.1 OF THE AWWA STANDARD C 900 FOR PVC PRESSURE PIPES SHALL BE SUBMITTED WITH THE PIPE MATERIAL CERTIFICATIONS OR SHOP DRAWINGS PRIOR TO APPROVAL OF THE MATERIAL FOR USE. THE TEST RECORDS SHALL BE FOR THE PIPE TO BE INSTALLED UNDER THIS CONTRACT ALL PVC PIPE SHALL CONTAIN MARKINGS TO ALLOW CROSS REFERENCING OF THE PIPE SUPPLIED TO THE TEST RECORDS RECEIVED.
- SPRINKLER SYSTEM FOR SINGLE RESIDENTIAL DWELLING UNITS SHALL HAVE WATER HOUSE CONNECTIONS AND WATER METERS THAT ARE SIZED IN ACCORDANCE WITH THE DESIGN OF THE SPRINKLER SYSTEMS. SPRINKLER SYSTEMS FOR SINGLE RESIDENTIAL DWELLINGS SHALL
- HAVE A MINIMUM OF 1.5" SERVICE CONNECTION WITH A 1" OUTSIDE METER SETTING. 10. UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE SPECIFICATIONS, SACRIFICIAL ANODES SHALL BE INSTALLED ON ALL VALVES AND METALLIC FITTINGS USED WITH PVC WATER MAINS IN ACCORDANCE WITH VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION. SEVENTEEN (17) POUND MAGNESIUM ANODES SHALL BE INSTALLED ON ALL VALVES AND DUCTILE IRON FITTINGS INCLUDING RESTRAINTS AND HARNESES. TWELVE (12) POUND ZINC ANODES SHALL BE INSTALLED ON ALL STAINLESS STEEL FITTINGS AND SADDLES USED WITH PVC MAINS. ALL "TEES" USED WITH PVC MAINS SHALL BE DUCTILE IRON.
- PROPER ASSEMBLY OF GASKETED PVC PIPE JOINTS: THE MANUFACTURER'S INSERTION LINE OF GASKETED PVC PIPE JOINTS INDICATES THE MAXIMUM DEPTH OF INSERTION OF THE SPIGO INTO THE BELL. AFTER ASSEMBLY OF THE JOINT, THE INSERTION LINE SHALL REMAIN VISIBLE. DUAL INSERTION LINES ON GASKETED PVC PIPE INDICATE THE MAXIMUM AND MINIMUM DEPTH
- OF INSERTION OF THE SPIGOT INTO THE BELL. THE CONTRACTOR SHALL NOT OVER INSERT OR OVER HOME THE SPIGOT INTO THE BELL OF PVC PIPE. ALL CHANGES IN HORIZONTAL OR VERTICAL DIRECTION OF PVC WATER PIPE SHALL BE MADE WITH STANDARD BENDS, 5-DEGREE SWEEPS OR HIGH DEFINITION (HD) COUPLINGS. NO BENDING OF THE PIPE OR DEFLECTION OF PVC PIPE JOINTS IS PERMITTED. WHERE HIGH DEFLECTION COUPLINGS OR 5-DEGREE SWEEPS ARE PERMITTED, THE CONTRACTOR SHALL PROVIDE ONE FULL PIPE LENGTH (20-FOOT LONG) ON EITHER SIDE OF THE HIGH DEFLECTION COUPLING OR 5-DEGREE SWEEP. THE CONTRACTOR SHALL USE VIBRATORY PLATE COMPACTOR OR OTHER APPROVED MEANS TO THOROUGHLY COMPACT THE #57 STONE ON BOTH SIDES OF THE HIGH DEFLECTION COUPLING OR 5-DEGREE SWEEP, TAKING CÂRE NOT TO USE COMPACTION EQUIPMENT DIRECTLY OVER THE FITTING. PVC HIGH DEFLECTION COUPLINGS SHALL BE LIMITED TO A TOTAL DEFLECTION OF 3—DEGREES (1.5-DEGREE ON EITHER END OF THE COUPLING). SHALL BE RATED FOR A MINIMUM 200 PSI MEETING THE REQUIREMENTS OF AWWA C900, SHALL HAVE A MINIMUM LAY LENGTH OF 9-INCHES AND SHALL HAVE CENTER STOPS. PVC HIGH DEFLECTION COUPLINGS SHALL BE CERTAINTEED PVC HIGH DEFLECTION (HD) STOP COUPLINGS OR EQUAL. 5-DEGREE SWEEPS SHALL BE BELL BY SPIGOT, RATED FOR A MINIMUM 225 PSI, DR18 MEETING THE REQUIREMENTS OF AWWA C900 AND SHALL BE
- MULTI FITTINGS (IPEX) BLUE BRUTE DR18 OR EQUAL. WHEN PVC HIGH DEFLECTION COUPLINGS OR PVC 5-DEGREE SWEEPS ARE USED TO FACILITATE CHANGES IN HORIZONTAL OR VERTICAL ALIGNMENTS OF AWWA C900 PVC PIPELINES. THE CONTRACTOR SHALL INSTALL DEVICES FOR THE PREVENTION OF OVER—INSERTION OF THE PVC PIPE SPIGOTS OR PLAIN ENDS INTO THE PUSH ON BELL JOINT ON BOTH SIDES OF THE HIGH DEFLECTION COUPLINGS AND 5-DEGREE SWEEPS. BELL STOPS SHALL BE PLACED AT THE PROPER INSERTION LINE FOR THE FITTING. THE BELL STOP SHALL BE MANUFACTURED OF DUCTILE IRON AND INCORPORATE AN EXPANSION RETENTION SPRING TO ALLOW FOR PIPE EXPANSION AND CONTRACTION. THE BELL STOPS SHALL BE SERIES 5000 MEGA-STOP. AS MANUFACTURED BY EBAA IRON, INC., OR APPROVED EQUAL.

- . ALL SEWER MAINS SHALL BE D.I.P. OR P.V.C. UNLESS OTHERWISE NOTED. ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.
- . FORCE MAINS SHALL BE D.I.P. ONLY.
- 4. MANHOLES SHOWN WITH 12" AND 16" WALLS ARE FOR BRICK MANHOLES ONLY.
 5. MANHOLES DESIGNATED W.T. IN PLAN AND PROFILE SHALL HAVE WATERTIGHT FRAME AND COVERS, STANDARD
- DETAIL G5.52. WHERE WATERTIGHT FRAME AND COVER IS USED, SET TOP OF FRAME 1'-6" ABOVE FINISHED
- GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS. 6. HOUSE(S) WITH THE SYMBOL "C.N.S." INDICATED THAT CELLAR CANNOT BE SERVED.

SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 308 OF THE SPECIFICATIONS

THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

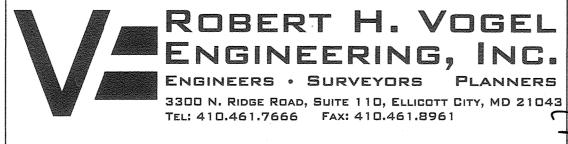
DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

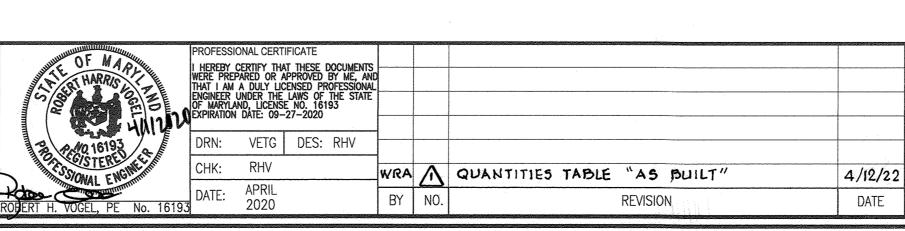
AND WITH FINAL PLAN F-19-051.

DEPARTMENT OF PLANNING & ZONING HOWARD COUNTY, MARYLAND



6.3.20





RESIDENTIAL

7 + 27 FUTURE = 34*

7 + 27 FUTURE = 34

7 + 27 FUTURE = 34

PATUXENT RIVER

PATUXENT RIVER (MIDDLE)

LOCATION MAP

SCALE: 1"=600'

* 3 WATER AND 3 SEWER SERVICE CONNECTIONS HAVE BEEN PROVIDED HEREON AS REQUIRED UNDER THE F-17-061 -

Type of Building :

Sewer Shed:

Treatment Plant

No. of Lots/Parcels :

No. of single Water House Connections No. of Twin Water House Connections

No. of Twin Sewer House Connections

No. of Sewer House Connections

FINAL WATER AND SEWER CONSTRUCTION PLAN

GREENWOOD VILLAGE

LOTS 1-4, NON BUILDABLE BULK PARCELS A-C

AND OPEN SPACE LOTS 5-11

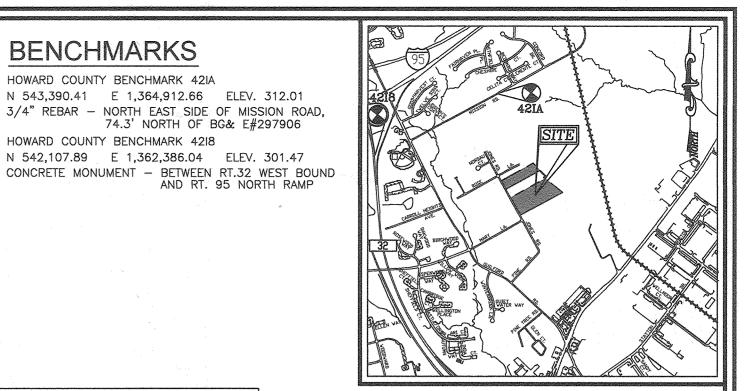
A RE-SUBDIVISION OF THE "NORDAU SUBDIVISION" - SECTION E-4

LOTS 2-4 (P.B. 3/51), 5R (L.16288 F.488), 8R (L.16288 F.502) AND 9

HÓWARD COUNTY, MARYLAND

BENCHMARKS

N 543,390.41 E 1,364,912.66 ELEV. 312.01 3/4" REBAR - NORTH EAST SIDE OF MISSION ROAD, 74.3' NORTH OF BG& E#297906 HOWARD COUNTY BENCHMARK 4218 N 542,107.89 E 1,362,386.04 ELEV. 301.47



SCALE: 1"=2000' ADC MAP COORDINATES: PAGE: 41 BLOCK: A2

SHEET INDEX					
DESCRIPTION	SHEET NO.				
COVER SHEET & LOCATION MAP	1 OF 4				
LAYOUT PLAN	2 OF 4				
WATER PROFILES	3 OF 4				
SEWER PROFILES	4 OF 4				

LEGEND

PROPERTY LINE	
RIGHT-OF-WAY LINE	ження на техновой по усточей посточного почення посточного поста в посточного почений в почений в почений в поч Почений в почений в
ADJACENT PROPERTY LINE EXISTING CURB AND GUTTER	
EXISTING UTILITY POLE	\sim
EXISTING OTHERT FOLE	
EXISTING LIGHT POLE	
EXISTING MAILBOX	\geq
EXISTING SIGN	0
EXISTING SANITARY MANHOLE	(SMF)
EXISTING SANITARY LINE	SS
EXISTING CLEANOUT	000
EXISTING FIRE HYDRANT	FH FH
EXISTING WATER LINE	
EXISTING TREELINE	
PROPOSED TREELINE	
PROPOSED WATER MAIN	
FIRE HYDRANT	
PROPOSED VALVE	-Ω-
PROPOSED TEE	-
STORM DRAIN	0
EXISTING STORM DRAIN	SD
EXISTING SEWER	SS
SEWER MANHOLE	\bigcirc
PRIVATE WATER HOUSE	productions assurances services services statements
CONNECTION PRIVATE SEWER HOUSE	
CONNECTION	
PROPOSED SEWER	

		QUANT	ITIES	
NAME OF UTILITY CONT	RACTOR:			
SURVEY AND DRAFTING	DIVISION AS-BUILT DAT	E:		ii.
	QUANTITIES		Α	AS-BUILT
ITEMS	ESTIMATED	QUANTITIES	TYPE	MANUFACTURER/SUPPLIER
		WATER		
8" WATER - Waran	9 1019 LF	1012	C900	NATIONAL PIPE AND PLASTICS
6" WATER - PVC-CO		712	C-900	NATIONAL PIPE AND PLASTICS
8" X 8" TAPPING SLEEVE	1 EA	1	665	SMITH BLAIR
8" X 6" TEE	6 EA	6	C-153	TYLER /UNION
8" VALVE	4 EA	4	C-153	MUELLER COMPANY
6" VALVE	6 EA	6	C-153	MUELLER COMPANY
6" FIRE HYDRANT	3 EA	3	C-153	MUELLER COMPANY
8" CAP AND BUTTRESS	1 EA	1	C-153	TYLER / UNION
6" CAP AND BUTTRESS	3 EA	3	C·153	TYLER/UHION
1/16 BEND	3 EA	3	C-153	TYLER / UNION
1/16 VERT. BEND	2 EA	2	C-153	TYLER/UNION
VERT COUPLING	2 EA	2	-	CERTAIN TEEP
		SEWER		
MANHOLE	13 EA	13	-	CONTRACTOR PRECAST
8" SEWER PVC	1,878 LF	1856		NATIONAL PIPE AND PLASTICS

OWNER/DEVELOPER HOWARD COUNTY HOUSING COMMISSION 9770 PATUXENT WOODS DR., SUITE 100 COLUMBIA, MD 21046 ATTN: PETER ENGEL (410) 313-6316

FINAL WATER AND SEWER CONSTRUCTION PLAN CONTRACT 24-5066-D

600' SCALE MAP NO. ____35___

24-1250-D

558-D-W

WATER ZONE:

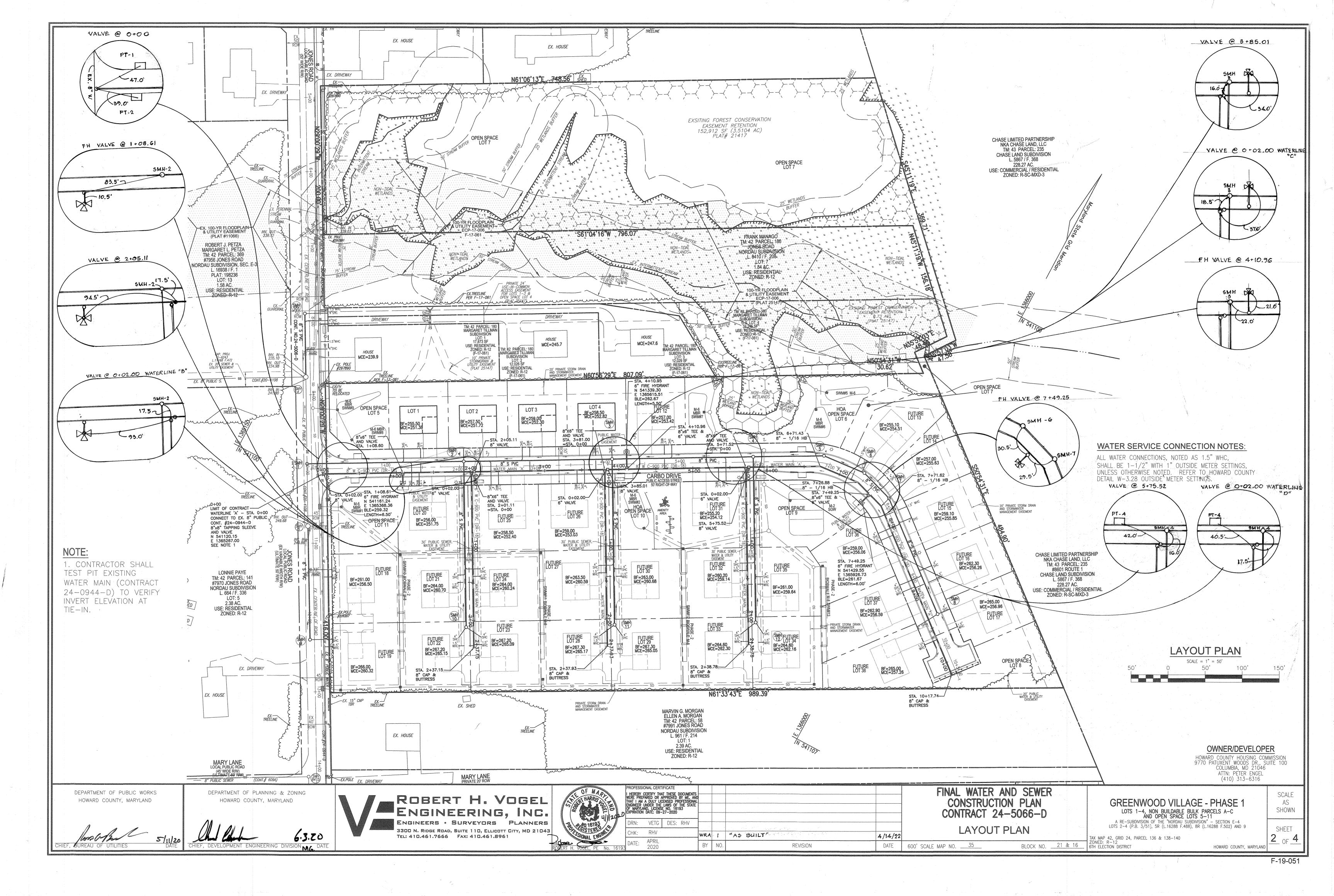
TEST PRESSURE: 185 psi

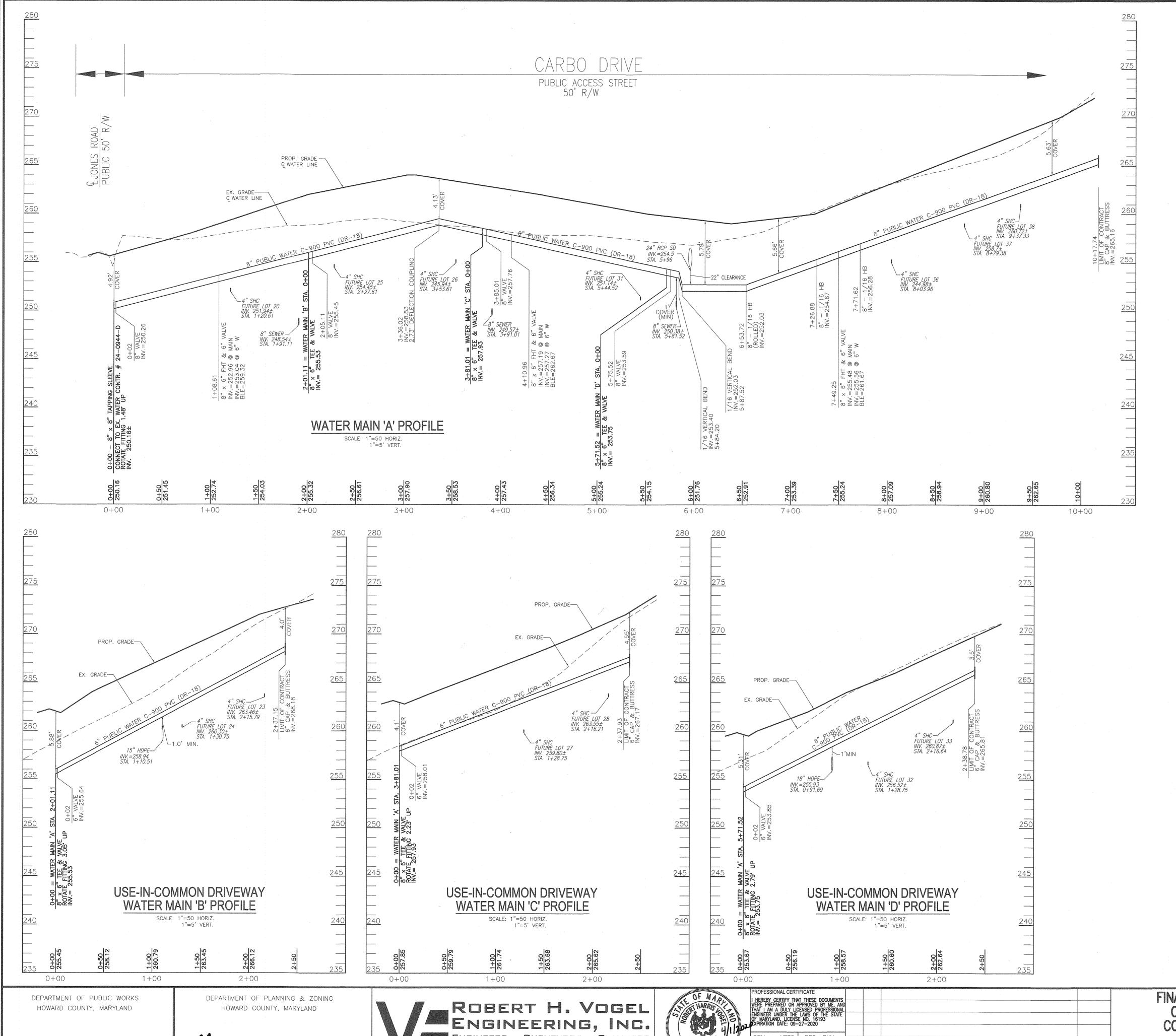
TEST GRADIENT: 677

COVER SHEET

GREENWOOD VILLAGE - PHASE 1

LOTS 1-4, NON BUILDABLE BULK PARCELS A-C AND OPEN SPACE LOTS 5-11 A RE-SUBDIVISION OF THE "NORDAU SUBDIVISION" - SECTION E-4 LOTS 2-4 (P.B. 3/51), 5R (L.16288 F.488), 8R (L.16288 F.502) AND 9 TAX MAP 42, GRID 24, PARCEL 136 & 138-140 BLOCK NO. 21 & 16 ZONED: R-12 6TH ELECTION DISTRICT





	WATER MAIN LOCATION CHART								
	STATION	APPURTENANCE	NORTHING	EASTING					
	WATER MAIN 'A'								
	WL 0+00.00	CONNECT TO EX. 8" WATER LINE 8"X8" TAPPING SLEEVE	541120.1487	1365267.0008					
	WL 0+02.00	8" VALVE	541121.1167	1365268.7510					
	WL 1+08.61	8" x 6" FHT & 6" VALVE	541172.7010	1365362.0172					
	WL 2+01.11	8" x 6" TEE (@ WATER LINE 'B')	541217.4701	1365442.9615					
	WL 2+05.11	8" VALVE	541219.4061	1365446.4617					
	WL 3+81.00	8" x 6" TEE (@ WATER LINE 'C')	541304.5735	1365600.4474					
	WL 3+85.01	8" VALVE	541306.5245	1365603.9749					
	WL 4+10.96	8" x 6" FHT & 6" VALVE	541319.0853	1365626.6853					
	WL 5+71.52	8" x 6" TEE (@ WATER LINE 'D')	541396.7979	1365767.1995					
	WL 5+75.52	8" VALVE	541398.7339	1365770.6929					
	WL 6+71.43	8" - 1/16 HB	541445.1547	1365854.6222					
	WL 7+26.88	8" - 1/16 HB	541450.1561	1365909.8411					
	WL 7+49.25	8" x 6" FHT & 6" VALVE	541443.3251	1365931.1444					
L	WL 7+71.62	8" - 1/16 HB	541436.4941	1365952.4478					
_	WL 10+17.74	8" CAP AND BUTTESS	541281.3494	1366148.4316					
		WATER MAIN 'B'							
	WL 0+00.00	8" x 6" TEE (@ WATER LINE 'A')	541217.4701	1365442.9615					
. \	WL 0+02.00	6" VALVE	541215.7200	1365443.9294					
	WL 2+37.15	6" CAP AND BUTTESS	541009.9957	1365557.6976					
		WATER MAIN 'C'							
1	WL 0+00.00	8" x 6" TEE (@ WATER LINE 'A')	541304.5735	1365600.4746					
	WL 0+02.00	6" VALVE	541302.8384	1365601.4426					
1	WL 2+37.93	6" CAP AND BUTTESS	541096.3830	1365715.6302					
		WATER MAIN 'D'							
	WL 0+00.00	8" x 6" TEE (@ WATER LINE 'A')	541396.7855	1365767.1995					
	WL 0+02.00	6" VALVE	541395.0478	1365768.1606					
Ī	WL 2+38.78	6" CAP AND BUTTESS	541187.8491	1365882.7593					

	AS BUIL		AND SEW		**************************************
			AE CONNECTION	WATER HOUSE	CONNECTION
LOT	STREET ADDRESS	LOCATION DIMENSION 1	LOCATION DIMENSION 2	LOCATION DIMENSION 1	COCATION DIMENSION 2
LOT 1	8701 CARBO PRIVE	FH 1+08.61 45.0	5MH-2 84.0	FH 1+08.61 50.0	SMH-2 62.0
LOT 2	8705 CARBO PRIVE	5MH-2 20.0	VALVE 2+05.11 35.0	SMH-2 29.0	VALVE 2+05.11 34.0
LOT 3	8709 CARBO DRIVE	SMH - 2 81.0	VALVE 2+05.11 83.0	SMH-2 91.0	VALVE 2+05.11 74.0
LOT 4	8713 CARBO DRIVE	SMH -3 19.0	FH 4+10.95 22.0	5MH-3 30.0	FH 4+10.95 42.6
FUTURE LOT 12	8717 CARBO PRIVE	FH 4+10.95 63.0	5MH-3 73.0	FH 4+10.95 54.0	SMH-5 832
FUTURE LOT 13	8731 CARBO PRIVE	FH 7+49.25 56.5		FH 7+49.25 GI.O	3MH - 7 68.
FUTURE LOT 14	8735 CARBO PRIVE	FH 7+49.25 46.5		FH 7+49.25 46.0	SMH - 7 32.0
	8739 CARBO DRIVE	FH 7+49.25 70.0		FH 7+49.25 61.0	5MH - 7 26.0
	8743 CARBO DRIVE	9MH - 8 65.0		5MH-8 49.0	WHC-37 50.0
	8747 CARBO DRIVE	SMH - 8 17.0	WHC-16 45.0	SMH-8 28.0	WHC-16 72.0
area and a decimal and a second a second and a second an	7983 JONES ROAD	3MH - 9 101.5	SMH - 5 66.0		5MH-5 75.0
	7987 JONES ROAD	SMH -9 30.0	BGE 226217 33.0	5MH-9 31.0	
FUTURE LOT 20		FH 1+08.G1	5MH-2 77.5	FH 1+08.61	SMH-2. 69.0
FUTURE LOT 21		5MH-10 72.0	WHC-24 33.5	SMH-10 60.0	
FUTURE LOT 22		5MH-10 19.5	WHC-21 74.0	SMH-10 29.0	
FUTURE LOT 23		SMH-10 26.0			WHC - 21 90.0
FUTURE LOT 24					WHC - 21 31.0
FUTURE LOT 25					
FUTURE LOT 26		VALVE 2+05,11 32.0			
	8504 GAITHER WAY	FH 4+10.95 69.0		FH 4+10.95 77.0	The state of the s
		5MH-11 83.0	WHC-30 35.0		WHC - 30 32.5
	8508 GAITHER WAY	SMH-11 26.0	WHC-30 85.0		WHC - 30 94.0
	8509 GAITHER WAY	SMH-11 18.0			WHC - 30 88.0
FUTURE LOT 30		5MH-11 76.5	1-19 60.0		1-19 71.0
FUTURE LOT 31	8720 CARBO DRIVE		VALVE 5+71.52 34.0	1000	VALVE 5+71.52 46.0
FUTURE LOT 32			SMH-12 82.5	Personal and the Control of the Cont	SMH-12 72.5
	8608 SCHAPPELL WAY		WHC-35 71.0		WHC-35 81.0
	8609 SCHAPPELL WAY		WHC-35 68.0		WHC - 35 77.0
	8605 SCHAPPELL WAY		SMH-12 60.0		5мн - 12 <u> </u>
	8738 CARBO DRIVE		SMH-7 52.0	FH 7+49.25 59.0	Carlotte Committee Committ
FUTURE LOT 37	8742 CARBO DRIVE		WHC-16 52,0		WHC-16 50.0
FUTURE LOT 38	8746 CARBO DRIVE		WHC-16 72.0		WHC-16 93.0
2	7951 JONES ROAD		3MM - 101 GO.0 3MH - 101 34.0		3MH-101 51.0 5MH-101 37.0
3	1959 JONES ROAD		SMH-101 34.0		3MH - 101 34.0

TAX MAP 42, GRID 24, PARCEL 136 & 138–140

BLOCK NO. 21 & 16 6TH ELECTION DISTRICT

OWNER/DEVELOPER HOWARD COUNTY HOUSING COMMISSION 9770 PATUXENT WOODS DR., SUITE 100 COLUMBIA, MD 21046 ATTN: PETER ENGEL (410) 313-6316

6.3.20
/ISION MG. DATE

ENGINEERS · SURVEYORS PLANNERS 3300 N. RIDGE ROAD, SUITE 110, ELLICOTT CITY, MD 21043 TEL: 410.461.7666 FAX: 410.461.8961

0+0	1+0	0		2+00		
OF MARY	PROFESSIONAL CERTIFICATE 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. 16193 EXPIRATION DATE: 09-27-2020	1				FINAL WATE CONSTRI CONTRACT
3 P. 40 16193	DRN: VETG DES: RHV					WATE
JAN 35 ONAL ENGINEER	CHK: RHV	WRA	1	"AS BUILT" CONNECTION TABLE	4/15/22	VVAIE
ROBERT H. VOGEL, PE No. 1619	DATE: APRIL 2020	BY	NO.	REVISION	DATE	600' SCALE MAP NO35

FINAL WATER AND SEWER CONSTRUCTION PLAN CONTRACT 24-5066-D WATER PROFILE

GREENWOOD VILLAGE - PHASE 1 LOTS 1-4, NON BUILDABLE BULK PARCELS A-C AND OPEN SPACE LOTS 5-11

A RE-SUBDIVISION OF THE "NORDAU SUBDIVISION" - SECTION E-4
LOTS 2-4 (P.B. 3/51), 5R (L.16288 F.488), 8R (L.16288 F.502) AND 9

SCALE SHOWN SHEET HOWARD COUNTY, MARYLAND

