### **QUANTITIES** AS-BUILT QUANTITIES QUANTITIES MANUF./SUPPLIER 8"WATER (PVC C900 DR18) 726 L.F. 1.5" WHC 262 L.F. FIRE HYDRANT 3 EACH FH TEE & VALVE 3 EACH 12"x8" TS&V 1 EACH 8" SEWER (PVC) MH (G-5.12)7 EACH MH (G-5.14)1 EACH 4" SHC 201 L.F. NAME OF UTILITY CONTRACTOR: SURVEY AND DRAFTING DIVISION AS-BUILT DATE:

THE EXISTING ONSITE WELL AND SEPTIC SYSTEM FOR LOT 12 (6645 ATHOL WOODS LANE) MUST BE PROPERLY ABANDONED WITH DOCUMENTATION SUBMITTED TO THE HEALTH DEPARTMENT PRIOR TO HEALTH DEPARTMENT APPROVAL. NO METERS WILL BE ALLOWED TO BE INSTALLED TO PROVIDING DOCUMENTATION FROM THE HEALTH DEPARTMENT THAT THE WELL AND SEPTIC SYSTEM HAS BEEN ABANDONED.

" WATER METER

--- 1.5" COPPER WHC

HO. CO. STD. W-3.28

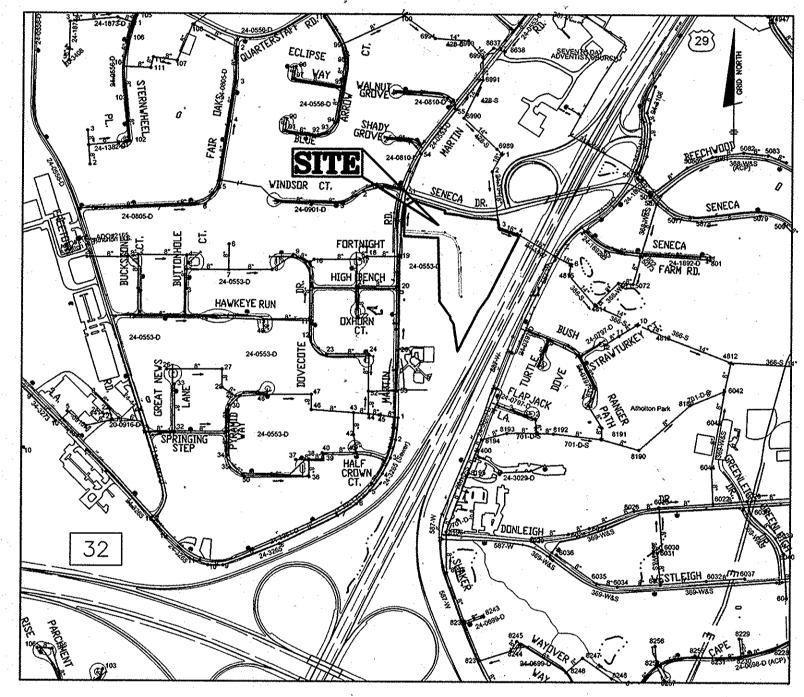
## PUBLIC WATER AND SEWER

# ATHOL WOODS

LOTS 1-12 AND OPEN SPACE LOTS 13-15

TAX MAP 36; PARCELS 4, 108 & 495; GRID 19 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

CONTRACT NO.: 24-4898-D



TYPE OF BUILDING: NO. OF BUILDABLE LOTS: NUMBER OF SHC'S:\_ NUMBER OF WHC'S: DRAINAGE AREA\_ MIDDLE PATUXENT TREATMENT PLANT: LITTLE PATUXENT WWP WATER ZONE: . TEST GRADIENT:\_\_

> LOCATION PLAN SCALE: 1" = 600'

LISA MARIE SMITH 6128 EDWARD HILL ROAD **ELLICOTT CITY, MD 21043** MICHELLE LYNN ARMSTRONG 6680 MARTIN ROAD COLUMBIA, MD 21044 DEVELOPER LEGACY INVESTMENTS, LLC C/O HOGAN DEVELOPMENT, LLC 2661 RIVA ROAD, SUIT 300 ANNAPOLIS, MD 21401

410-266-5100

NOTE: OVERHEAD LINES ALONG MD RTE. 29 TO BE PLACED UNDERGROUND BY BGE.

NOTE: ALL JOINTS AND CONNECTIONS LOCATED WITHIN STRUCTURAL FILL AREAS SHALL BE MECHANICALLY RESTRAINED IN ACCORDANCE WITH HOWARD COUNTY DESIGN MANUAL. VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (LATEST EDITION)

> NOTE: HOUSE CONNECTIONS TO BE SIZED ACCORDINGLY: SINGLE WHC = 1-1/2" TWIN WHC =1-1/2SINGLE SHC = 4"

HO. CO. #0070 (NAD '83) ELEV. 406.357 STANDARD DISC ON CONCRETE MONUMENT E OF RTE 29, NORTH OF SENECA DRIVE BRIDGE ELEV. 395.193 STANDARD DISC ON CONCRETE MONUMENT ISLE RTE 32 100' EAST OF RTE 29 NBL E 1348104.192

- APPROXIMATE LOCATION OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS 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. A TOPOGRAPHIC FIELD SURVEY WAS PERFORMED ON DECEMBER 2012 BY BENCHMARK ENGINEERING, INC.
- THE COORDINATES SHOWN ON THE DRAWINGS ARE BASED ON MARYLAND STATE REFERENCE SYSTEM, NAD 83/91 AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS 0070 AND 41C2. ALL VERTICAL CONTROLS ARE BASED ON NAVD 88. VERTICAL CONTROLS PROVIDED ON THE DRAWINGS ARE HO.CO. GEODETIC CONTROL STA. 0070 & 41C2.
- CLEAR ALL UTILITIES BY A MINIMUM OF 12". 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 THE 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. 6. 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 OPERATIONS AT HIS OWN EXPENSE.
- COLONIAL PIPELINE CO..... STATE HIGHWAY ADMINISTRATION.
- THE CONSTRUCTION STRIP ARE NOT TO BE REMOVED OR DAMAGED BY THE CONTRACTOR. 10. THE CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS ALONG LINE OF EXCAVATION. PAYMENT FOR SUCH REMOVA
- SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CONSTRUCTION OF THE MAIN.

  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 COUNTY CODE.

## PART 2 - WATER

BENCH MARKS NAD

HO. CO. #41C2 (NAD '83)

N 551616.419

- ALL WATER MAINS TO BE PVC C900 DR18 UNLESS OTHERWISE NOTED.
- TOPS OF ALL WATER MAINS TO HAVE A MINIMUM OF 3'-6" COVER UNLESS OTHERWISE NOTED.
- ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH THE 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 1005 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM.
- TRACE WIRE AND CONTINUITY TEST STATIONS SHALL BE INSTALLED ON ALL D.I.P. AND P.V.C. WATER MAINS IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL.
- FOR PVC WATER MAINS, ALL RECORDS FOR THE QUANTITY CONTROL AND QUALIFICATION TEST REQUIREMENTS NOTED IN SECTION 5.1 OF AWWA STANDARD C900 FOR PVC PRESSURE PIPE SHALL BE SUBMITTED WITH THE PIPE MATERIAL CERTIFICATIONS OR SHOP DRAWINGS PRIOR TO APPROVAL OF MATERIAL FOR USE. TEST RECORDS SHALL BE FOR THE IPE TO BE INSTALLED UNDER THIS CONTRACT. ALL PVC PIPE SHALL CONTAIN MARKINGS TO ALLOW CROSS REFERENCING F THE PIPE SUPPLIED TO THE TEST RECORD RECEIVED.
- 9. UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE SPECIFICATIONS, SACRIFICIAL ANODES SHALL BE INSTALLED ON ALL VALVES AND METALIC 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 HARNESSES. 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
- 10. PROPER ASSEMBLY OF GASKETED P.V.C. PIPE JOINTS: THE MANUFACTURER'S INSERTION LINE OF GAKETED PVC PIPE JOINTS INDICATES THE MAXIMUM DEPTH OF INSERTION OF THE SPIGOT INTO THE BELL. AFTER ASSEMBLY OF THE JOINT, THE INSERTION LINE SHALL REMAIN VISIBLE. DUAL INSERTION LINES ON GASKETED P.V.C. PIPE INDICATE THE MAXIMUM AND MINIMUM DEPTH OF INSERTION INTO THE SPIGOT BELL. THE CONTRACTOR SHALL NOT OVER INSERT OR OVER HOME THE SPIGOT INTO THE BELL. THE CONTRACTOR SHALL NOT OVER INSERT OR OVER HOME THE SPIGOT INTO THE BELL OF THE
- 11. ALL CHANGES IN HORIZONTAL AND VERTICAL DIRECTION OF P.V.C. WATER PIPE SHALL BE MADE WITH STANDARD BENDS, 5-DEGREE SWEEPS, OR HIGH-DEFLECTION (HD) COUPLINGS. NO BENDING OF THE PIPE OR DEFLECTING OF P.V.C. PIPE JOINTS IS PERMITTED. WHERE HIGH-DEFLECTION (HD) 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 (HD) COUPLINGS OR 5-DEGREE SWEEP. THE CONTRACTOR SHALL USE A VIBRATORY PLATE COMPACTOR OR OTHER APPROVED MEANS TO THOROUGHLY COMPACT THE THE #57 STONE ON BOTH SIDES OF THE HIGH-DEFLECTION (HD) COUPLING OR 5-DEGREE SWEEP, TAKING CARE NOT TO USE COMPACTION EQUIPMENT DIRECTLY OVER THE FITTING.
  - P.V.C. HIGH-DEFLECTION (HD) COUPLINGS SHALL BE LIMITED TO A TOTAL DEFLETION OF 3-DEGREES (1-1/2 DEGREES ON EITHER END OF THE COUPLING), SHALL BE RATED FOR A MINIMUM OF 200-PSI MEETING THE REQUIREMENTS OF AWWA-C900, SHALL HAVE A MINIMUM LAY LENGTH OF 9-INCHES AND SHALL HAVE CENTER STOPS. P.V.C. HIGH-DEFLECTION (HD) COUPLINGS SHALL BE CERTAIN-TEED P.V.C. HIGH-DEFLECTION (HD) COUPLINGS OR EQUAL.
- 5-DEGREE SWEEPS SHALL BE BELL BY SPIGOT, RATED FOR A MINIMUM 225-PSI, DR-18 MEETING THE REQUIREMENTS OF AWWA-C900, AND SHALL BE MULTI-FITTING (IPEX) BLUE BRUTE DR-18 OR EQUAL.
- 12. WHEN P.V.C. HIGH-DEFLECTION (HD) COUPLINGS OR P.V.C 5-DEGREE SWEEPS ARE USED TO FACILITATE CHANGES IN HORIZONTAL OR VERTICAL ALIGNMENTS OF AWWA-C900 P.V.C. PIPELINES, THE CONTRACTOR SHALL INSTALL DEVICES FOR THE PREVENTION OF OVER-INSERTION OF THE P.V.C. SPIGOTS OR PLAIN ENDS INTO THE PUSH ON BELL JOINT ON BOTH SIDES OF THE HIGH DEFLECTION (HD) 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
- 13. FIRE SPRINKLER SYSTEMS FOR ALL SINGLE FAMILY DWELLINGS SHALL HAVE A MINIMUM OF A 1-1/2" CONNECTION WITH A 1" OUTSIDE METER SETTING.

SPRING TO ALLOW FOR PIPE XPANSION AND CONTRACTION. THE BELL STOPS SHALL BE SERIES 5000 MEGA-STOP, AS

## PART 3 - SEWER

- 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.
- 3. 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 COVER, STANDARD DETAIL G-5.52. WHERE WATERTIGHT MANHOLE FRAMES AND COVERS ARE 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." INDICATES THAT CELLAR CANNOT BE SERVED.

ATHOL WOODS LOTS 1 THRU 12 AND OPEN SPACE LOTS 13 -15

TAX MAP 36; PARCELS 4,108 & 495; GRID 19

CONTRACT No. 24-4898-D

IPLEMENTED IN ACCORDANCE WITH SECTION 308 OF THE HOWARD COUNTY STANDARD SPECIFICATIONS AND AS PER APPROVED DEVELOPMENT PLANS F-16-007

DEPARTMENT OF PUBLIC WORKS DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND HOWARD COUNTY, MARYLAND

PUBLIC RIGHT-OF-WAY/WATER, SEWER

PVC WATER MAIN

TYPICAL WATER HOUSE CONNECTION

NOT TO SCALE

ALL WATER HOUSE CONNECTIONS ARE TO BE

1.5" WITH A 1" METER (OUTSIDE SETTING).

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND

& UTILITY EASEMENT

MOD. CURB AND GUTTER ---

BENCHMARK ENGINEERS A LAND SURVEYORS A PLANNERS ENGINEERING, INC (P) 410-465-6105 (F) 410-465-6644 WWW.BEI-CIVILENGINEERING.COM

SHEET INDEX

TITLE SHEET PUBLIC WATER & SEWER MAINS

PROFILE VIEWS PUBLIC WATER & SEWER MAINS

PLAN VIEW PUBLIC WATER & SEWER MAINS

DESCRIPTION

PROFESSIONAL CERTIFICATION:

hereby certify that these documents were prepared

engineer under the laws of the State of Maryland

poroved by me, and that I am a duly licensed pro

DATE: MAY 2016	BY	NO.	RE	VISIONS	I
DATE MAY 0016					
CHŘ. CAM	<u>.</u>				
			ý č		
DRN: JCO			*	,	
			* * * * * * * * * * * * * * * * * * * *		
DES: JCO			<u> </u>		

PUBLIC WATER AND SEWER TITLE SHEET

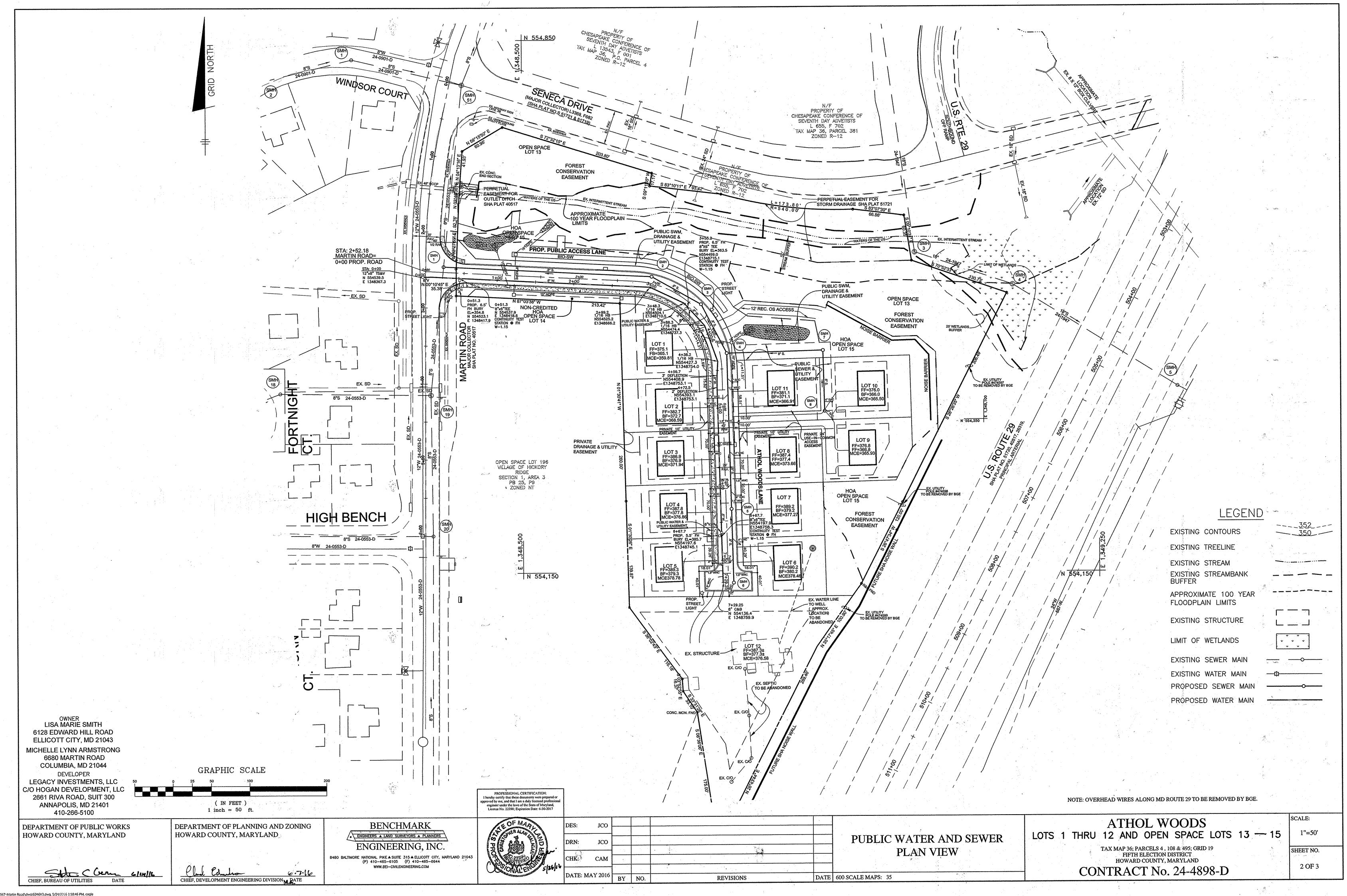
DATE 600 SCALE MAPS: 35 BLOCKS: 2

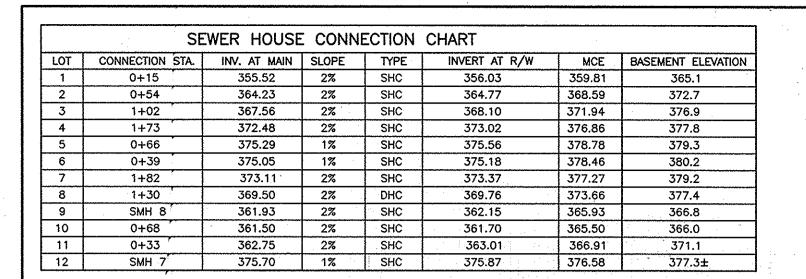
J:\2567-Martin Road\dwg\6009s1.dwg, 5/24/2016 1:17:57 PM, cogle

FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND SHEET NO.

AS SHOWN

SCALE:





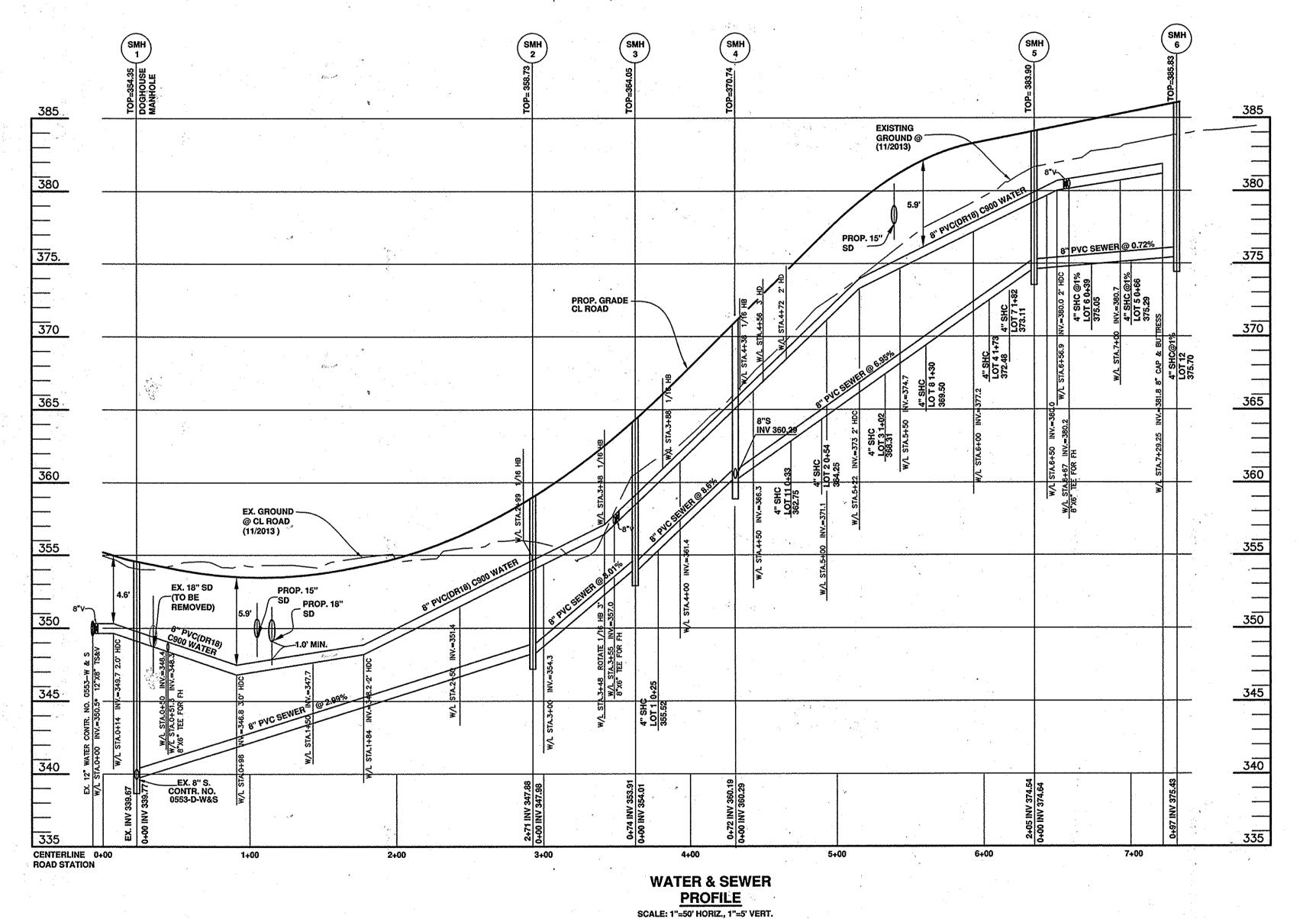
	SEWER	SERVIC	E AS-BUILT	LOCATION	TABLE	
LOT	ADDRESS		LOCATION DIMENS	ION #1	LOCATION DIMENSIO	N #2
1	6626 ATHOL WOODS LANE					
2	6630 ATHOL WOODS LANE				,	
3	6634 ATHOL WOODS LANE					
4	6638 ATHOL WOODS LANE					
5	6642 ATHOL WOODS LANE					
. 6	6641 ATHOL WOODS LANE		,			
7	6637 ATHOL WOODS LANE					
8	6633 ATHOL WOODS LANE	. /			,	
9	6629 ATHOL WOODS LANE	/				*********
10	6625 ATHOL WOODS LANE	T				
11	6621 ATHOL WOODS LANE					
12	6645 ATHOL WOODS LANE					

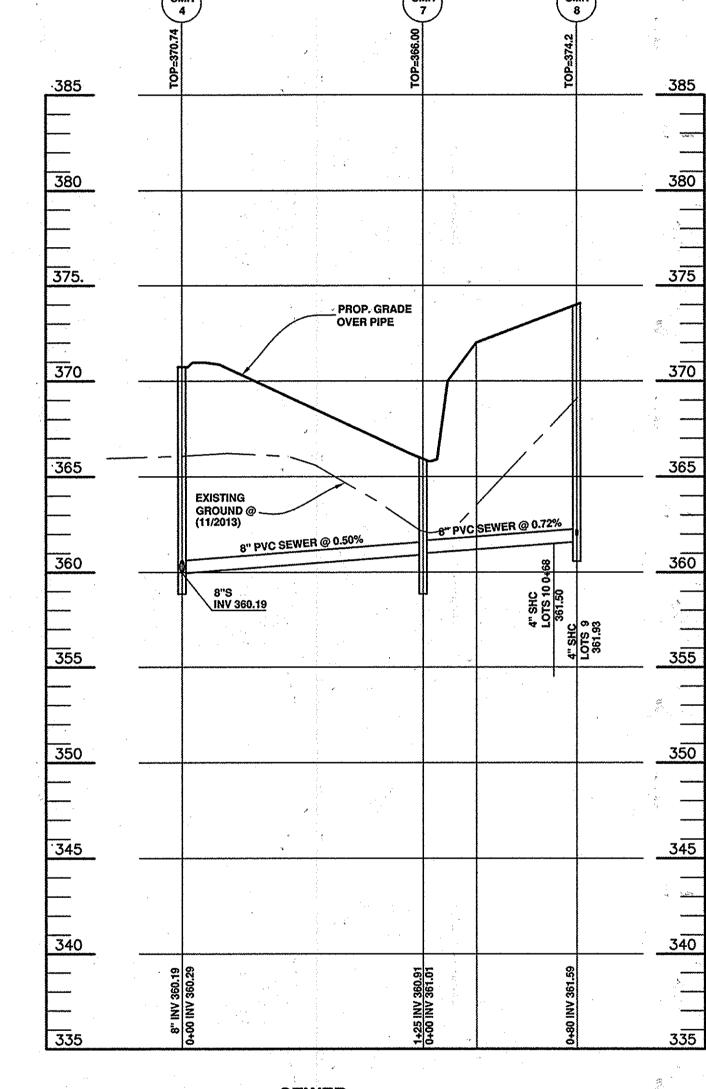
	WATER SEI	RVICE AS-BUILT LOCATION	TABLE
LOT	ADDRESS	LOCATION DIMENSION #1	LOCATION DIMENSION #2
1	6626 ATHOL WOODS LANE		•
2	6630 ATHOL WOODS LANE		
3	6634 ATHOL WOODS LANE		
4	6638 ATHOL WOODS LANE		
5	6642 ATHOL WOODS LANE		
6	6641 ATHOL WOODS LANE		
7	6637 ATHOL WOODS LANE	+1.7	
8	6633 ATHOL WOODS LANE	* · · · · · · · · · · · · · · · · · · ·	
9	6629 ATHOL WOODS LANE	V	
10	6625 ATHOL WOODS LANE		
11	6621 ATHOL WOODS LANE		
12	6645 ATHOL WOODS LANE		

		WATER LINE DATA CHART	. ,
APPURTENACE	WATERLINE STATION	LOCATION	COMMENT
12"x8" TS&V	0+00	N 554539.5 E 1348367.3	
8"x6"TEE FOR FH	0+51.3	N 554537.9 E 1348418.6	* *
1/16 HB	2+99.2	N 554525.2 E 1348666.2	
1/16 HB	3+48.3	N 554504.1 E 1348710.5	
1/16 HB	3+88.3	N 554474.4 E 1348737.3	
1/16 HB	4+38.2	N 554427.3 E 1348754.0	
3° DEFLECTION	4+56.7	N 554408.9 E 1348753.1	
2" DEFLECTION	4+72.5	N 554393.1 E 1348753.1	
8"x6"TEE FOR FH	6+67.7	N 554197.9 E 1348758.3	·
8" C&B	7+29.25	N 554136.4 E 1348759.9	

		SEWER MANH	OLE - STR	RUCTURE S	SCHEDULE			
NO.	TYPE	LOCATION	INVERT IN	SHC INV.	INVERT OUT	TOP ELEV.	HO.CO. STD.	REMARKS
SMH-1	DÓGHÓUSE	STA. 0+23.0, 7' LT.	339.77	-	EX. 339.67	354.35	G-5.14	
SMH-2	STD. 4.0'Ø PRE-CAST	STA. 2+92.7, 9' LT.	347.98	-	347.88	358.73	G-5.12	
SMH-3	STD. 4.0'Ø PRE-CAST	STA. 3+62.4 8.9' LT.	354.01		353.91	364.05	G-5.12	
SMH-4	STD. 4.0'Ø PRE-CAST	STA. 4+30.8 8.8' LT.	360.29	. –	360.19	370.74	G-5.12	
SMH-5	STD. 4.0'Ø PRE-CAST	STA. 6+34.4 7' LT.	374.74	<b>-</b> .	374.64	383.90	G-5.12	
SMH-6	STD. 4.0'Ø PRE-CAST	STA. 7+31.4 7' LT.	_	372.84	375.43	385.83	G-5.12	
SMH-7	STD. 4.0'Ø PRE-CAST	N. 554441.55 E. 1348891.09	361.01	_	360.91	368.00	G-5.12	-
SMH-8	STD. 4.0'Ø PRE-CAST	N. 554361.58 E. 1348893.20	<del>-</del> .	361.93	361.59	368.00	G-5.12	
NOTES: 1. STR	UCTURE LOCATION FOR MANHOL	ES IS AT THE CENTER OF THE STRUCTURE.						

SEWER	R MANHOLE — S	TRUCTURE	SCHEDULE
WATER LINE STA.	FITTING	LOC	ATION
0+00	12"X8" TS&V	N554539.5	E1348367.3
0+51.3	FIRE HYDRANT	N554523.1	E1348417.9
0+51.3	8"X6"TEE	N554537.9	E1348418.6
2+99.2	1/16 HB	N554525,2	E1348666.2
3+48.5	1/16 HB	N554503.9	E1348710.6
3+55.2	FIRE HYDRANT	N554489.3	E1348704.5
3+55.2	8"X6" TEE	N554499.0	£1348715.1
3+88.3	1/16 HB	N554474.4	E1348737.3
4+32.5	1/16 HB	N554432.7	E1348751.9
6+67.2	FIRE HYDRANT	N554197.6	E1348745.1
6+67.2	8"X6" TEE	N554197.9	E1348758.3
7+28.9	8" CAP & BUTTRESS	N554136.4	E1348759.9





SEWER PROFILE SCALE: 1"=50' HORIZ., 1"=5' VERT.

OWNER LISA MARIE SMITH 6128 EDWARD HILL ROAD ELLICOTT CITY, MD 21043 MICHELLE LYNN ARMSTRONG 6680 MARTIN ROAD COLUMBIA, MD 21044 DEVELOPER

LEGACY INVESTMENTS, LLC C/O HOGAN DEVELOPMENT, LLC 2661 RIVA ROAD, SUIT 300 ANNAPOLIS, MD 21401

( IN FEET ) 410-266-5100 1 inch = 50 ft.

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND

Chief, Development engineering division, pate

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

	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. 22390; Expiration Date: 6-30-2017
33	THE OF MARINE SPULL

	DATE: MAY 201	6 F	3Y	NO.	REVISIONS DATE	600 SCALE MAPS: 35
16	CHK: CAN	1	٠.			PROFILES
	DAN: JC	_		,		
	DRN: JC0	一				PUBLIC WATER AND SEWER
	DES: JCC	<b> </b>				

SCALE: ATHOL WOODS LOTS 1 THRU 12 AND OPEN SPACE LOTS 13 - 15

TAX MAP 36; PARCELS 4 , 108 & 495; GRID 19 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND CONTRACT No. 24-4898-D

AS SHOWN SHEET NO. 3 OF 3

J:\2567-Martin Road\dwo\6046V3.dwa, 5/24/2016 1:20:27 PM. coale