


GENERAL NOTES

- PART I**
- APPROXIMATE LOCATIONS OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL 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.
 - TOPOGRAPHICAL FIELD SURVEYS WERE PERFORMED MARCH 1995 BY WINGS AERIAL MAPPING COMPANY, INC.
 - THE PROJECT BOUNDARY IS BASED ON A BOUNDARY SURVEY PREPARED BY FISHER, COLLINS & CARTER DATED FEB. 14, 2000 AND VERIFIED AS CORRECT BY ROBERT H. VOGEL ENGINEERING, INC. DATED MARCH 2010.
 - HORIZONTAL AND VERTICAL SURVEY CONTROLS: THE COORDINATES SHOWN ON THE DRAWINGS ARE BASED ON MARYLAND STATE REFERENCE SYSTEM MAD '83/91 AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 2411 AND 2413. ALL VERTICAL CONTROLS ARE BASED ON (NAVD' 88). VERTICAL CONTROLS PROVIDED ON THE DRAWINGS ARE:
 GEODETIC SURVEY CONTROL 2411 (N 577298.65, E 1366075.16)
 ELEVATION: 437.12
 CONCRETE MONUMENT
 GEODETIC SURVEY CONTROL 2413 (N 580648.90, E 1364974.47)
 ELEVATION: 463.77
 CONCRETE MONUMENT
 - ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS UNLESS OTHERWISE NOTED.
 - 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 TO THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO SCHEDULE THE BRACING OF THE POLES.
 - FOR DETAILS NOT SHOWN ON THE DRAWING, 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 LOCATION OF THE TEST PIT. A NOTES 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 THESE PLANS:
 AT&T 1-800-252-1133
 BGE (CONTRACTOR SERVICE) 410-637-8713
 BGE (EMERGENCY) 410-685-0123
 BUREAU OF UTILITIES 410-313-4900
 COLONIAL PIPELINE CO 410-795-1390
 MISS UTILITY 1-800-257-7777
 STATE HIGHWAY ADMINISTRATION 410-531-5533
 VERIZON 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 CONTRACTOR.
 - THE CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS ALONG THE LINE OF EXCAVATION. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE CONSTRUCTION OF THE MAIN.
 - THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, AT (410) 313-7450 AT LEAST FIVE WORKING DAYS BEFORE ANY 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(c) OF THE HOWARD COUNTY CODE.

PART II - WATER

- ALL WATER MAINS SHALL BE D.I.P. CLASS 54 UNLESS OTHERWISE NOTED.
- TOPS OF ALL WATER MAINS SHALL HAVE A MINIMUM OF 3'-6" 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 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 RESTRAINED AND BUTTRESSED WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAIL. 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.
- 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.

PART III - 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.
- FORCE MAINS SHALL BE D.I.P. ONLY.
- MANHOLES SHOWN WITH 12" AND 16" WALLS ARE FOR BRICK MANHOLES ONLY.
- MANHOLES DESIGNATED W.T. IN PLAN AND PROFILE SHALL HAVE WATERTIGHT FRAME AND COVERS. STANDARD DETAIL C5.52, WHERE WATERTIGHT FRAME AND COVER IS USED, SET TOP OF FRAME 1'-6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- HOUSE(S) WITH THE SYMBOL "C.N.S." INDICATES THAT CELLAR CANNOT BE SERVED.

SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 308 OF THE SPECIFICATIONS AND WITH FINAL PLAN F 13-081.

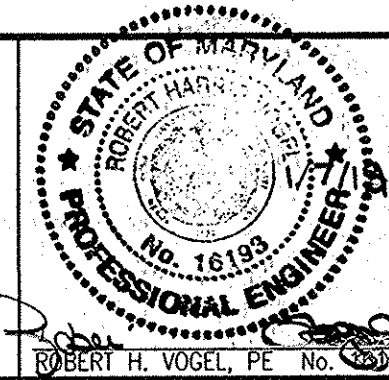
THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

John L. Roberts 2/4/14
 SOIL CONSERVATION DISTRICT DATE

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
Silvia Con 11/2/14
 CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING & ZONING
 HOWARD COUNTY, MARYLAND
Chad Edinger 2/7/14
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

ROBERT H. VOGEL ENGINEERING, INC.
 ENGINEERS • SURVEYORS • PLANNERS
 8407 MAIN STREET TEL: 410.461.7666
 ELLICOTT CITY, MD 21043 FAX: 410.461.8961



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. 16189, EXPIRATION DATE: 09-27-2014

DRN: KG/EDS DES: RHV
 CHK: RHV
 DATE: JANUARY 2014

BY	NO.	REVISION	DATE

FINAL WATER & SEWER PLAN COVER SHEET

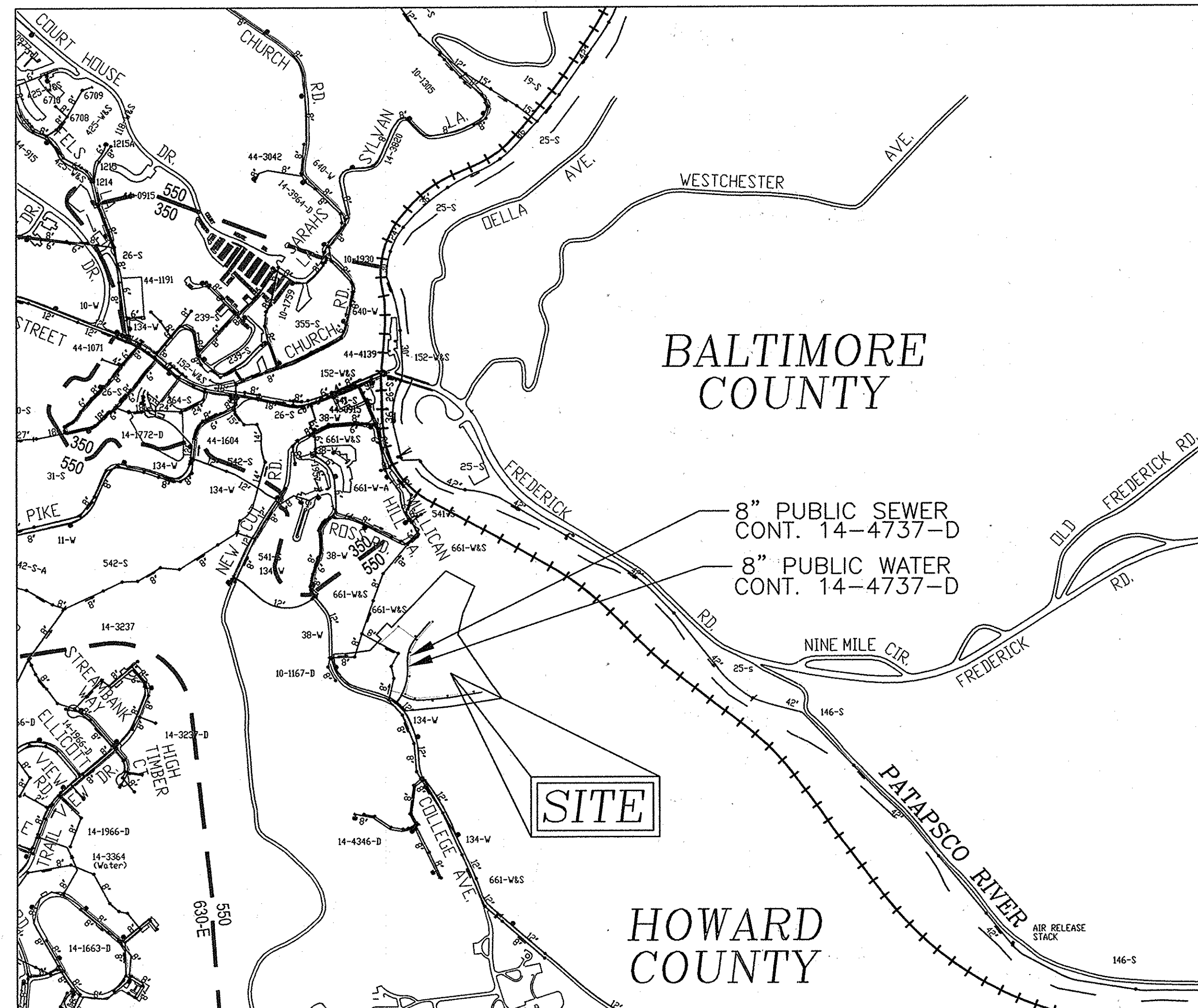
600' SCALE MAP NO. 25 BLOCK NO. 14

AUTUMN OVERLOOK LOTS 1-20, & OPENSACE LOT 21 PARCELS 56 & 309 (L. 12833 / F. 00446) PARCEL 95 (L. 13244 / F. 00037) CONTRACT 14-4737-D

TAX MAP: 25 GRID: 14 ZONING: R-ED
 2ND ELECTION DISTRICT PARCELS: 56, 309, & 95
 DPZ REF'S: CONT. 661-W&S, CONT. 134-W HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
 SHEET 1 OF 4

**FINAL WATER AND SEWER PLAN
 AUTUMN OVERLOOK
 LOTS 1-20, & OPEN SPACE LOT 21
 PARCELS 56 & 309 (L. 12833 / F. 00446)
 PARCEL 95 (L. 13244 / F. 00037)
 CONTRACT 14-4737-D
 HOWARD COUNTY, MARYLAND**

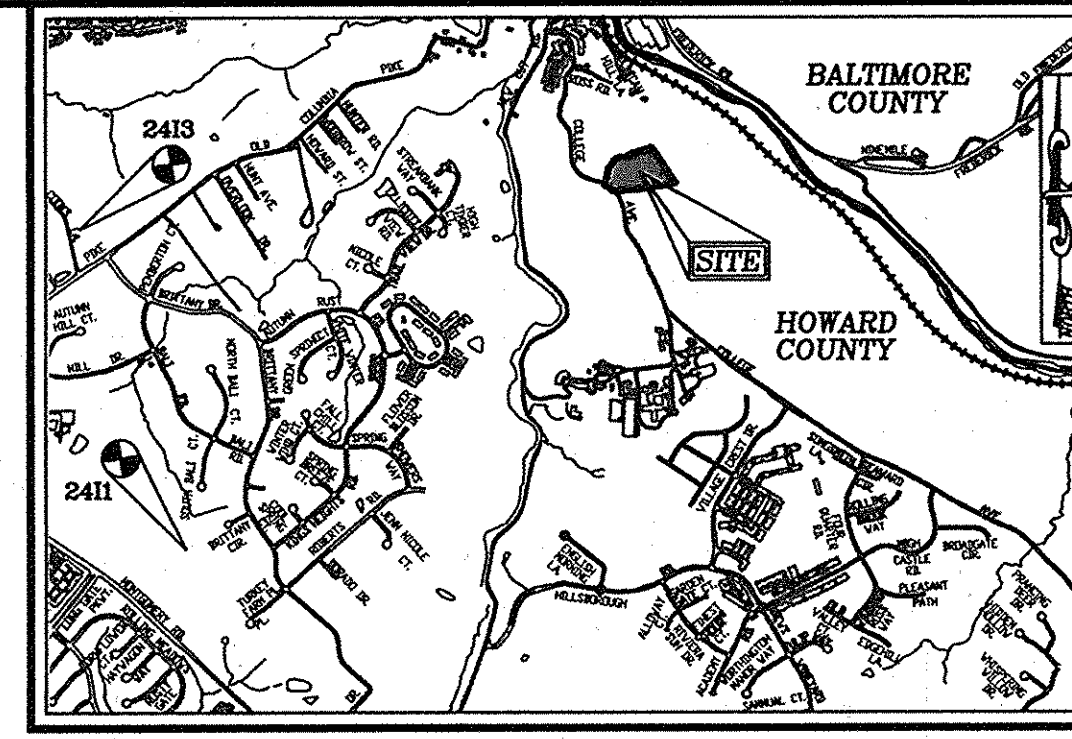


VICINITY MAP
 SCALE: 1"=600'

WATER ZONE: 550
 TEST GRADIENT: 700

TYPE OF BUILDING:	SINGLE FAMILY DETACHED
NO. OF LOTS/PARCELS:	20
NO. OF SINGLE WATER HOUSE CONNECTIONS:	20
NO. OF TWIN WATER HOUSE CONNECTIONS:	0
NO. OF SEWER HOUSE CONNECTIONS:	20
NO. OF TWIN SEWER HOUSE CONNECTIONS:	0
DRAINAGE AREA:	PATAPSCO RIVER
TREATMENT PLANT:	PATAPSCO RIVER

BENCHMARKS
 HOWARD COUNTY BENCHMARK 2411 (CONC. MON.)
 N 577298.65 E 1366075.16 ELEV. 437.12
 HOWARD COUNTY BENCHMARK 2413 (CONC. MON.)
 N 580648.90 E 1364974.47 ELEV. 463.77



LOCATION MAP
 SCALE: 1"=2,000'
 ADC MAP COORDINATE: 4816, C8

LEGEND

- EXISTING TREELINE
- PROPOSED TREELINE
- EXISTING WATER MAIN
- PROPOSED WATER MAIN
- FIRE HYDRANT
- PROPOSED VALVE
- PROPOSED TEE
- PROPOSED STORM DRAIN
- EXISTING STORM DRAIN
- PROPOSED PRIVATE SEWER
- EXISTING SEWER
- SEWER MANHOLE
- WATER HOUSE CONNECTION
- SEWER HOUSE CONNECTION
- PROPOSED LIGHT

QUANTITIES

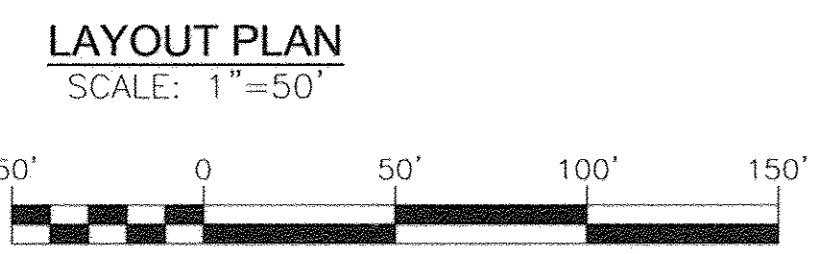
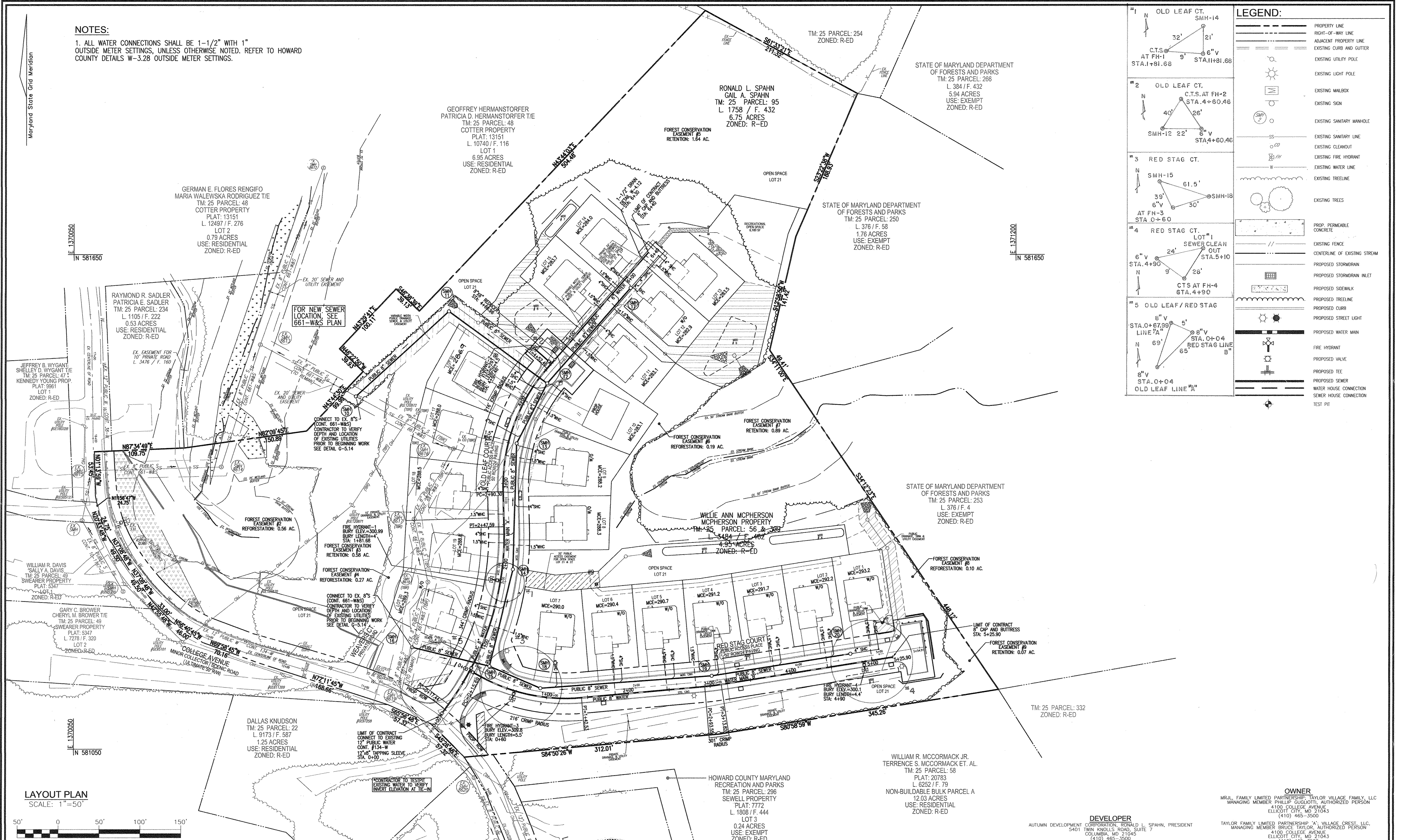
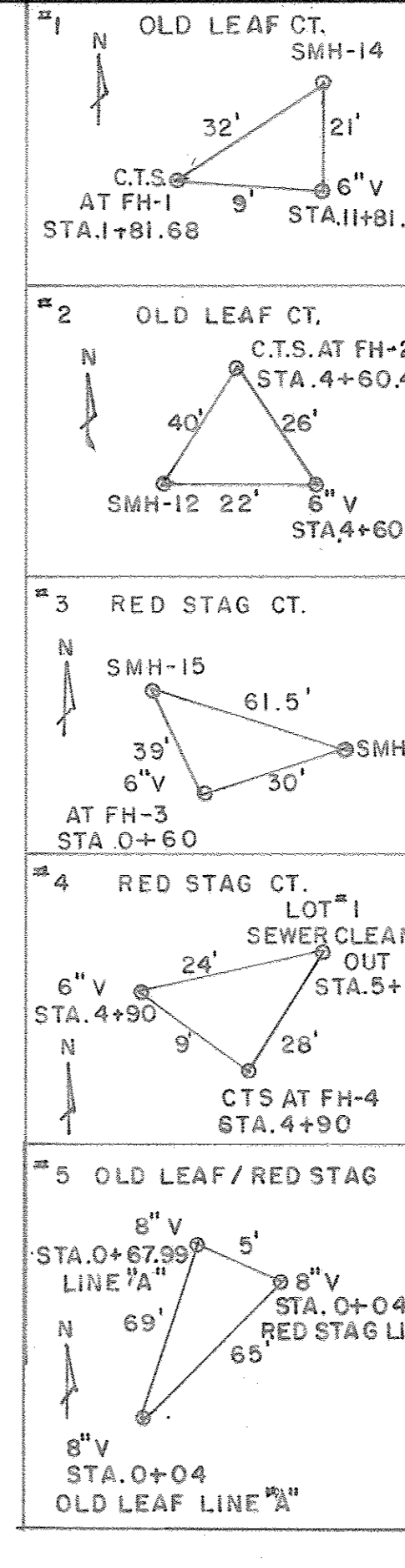
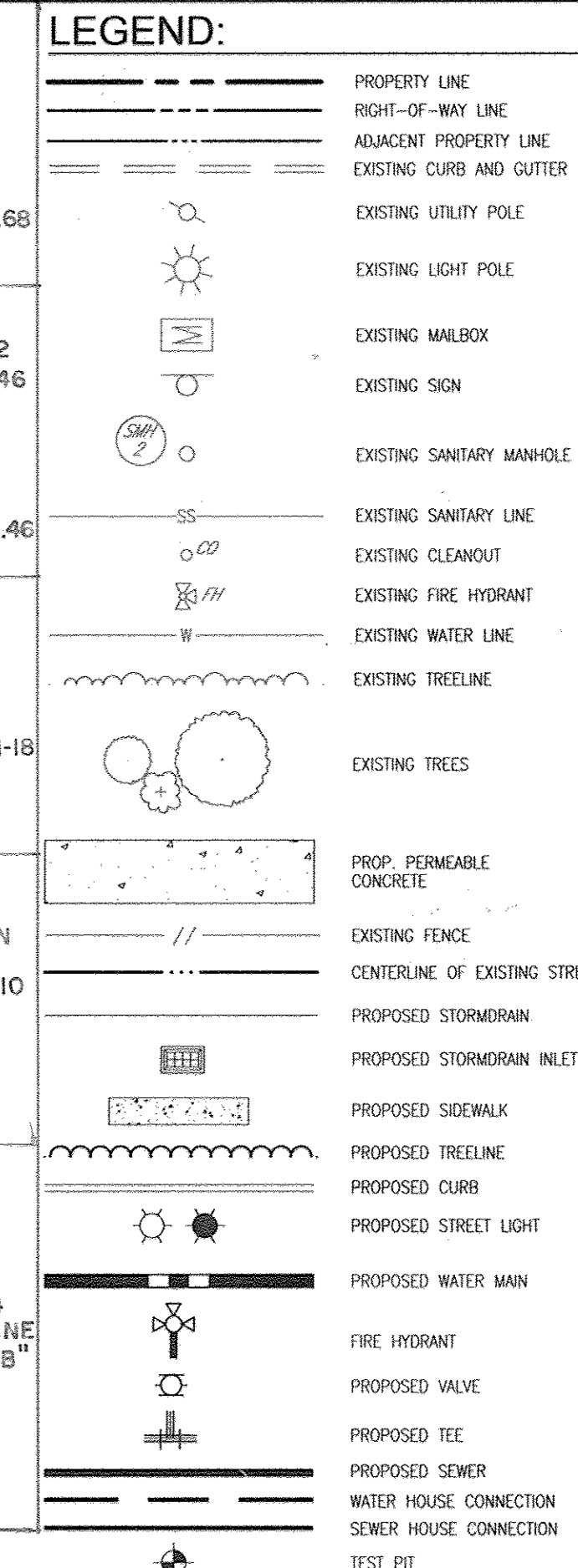
ITEMS	QUANTITIES ESTIMATED	AS-BUILT		
		QUANTITIES	TYPE	MANUFACTURER/SUPPLIER
WATER				
8" WATER (DIP)	993 LF	992 LF	DIP	US PIPE
6" WATER (DIP)	232 LF	232 LF	DIP	US PIPE
12"X8" TAPPING SLEEVE	1 EA	1		FORD
8"X8" TEE	1 EA	1	DIP	STAR PIPE
8"X6" TEE	4 EA	4	DIP	STAR PIPE
8"X6" REDUCER	1 EA	1	DIP	STAR PIPE
8" VALVE	3 EA	3	8" VALVE	KENNEDY
6" VALVE	4 EA	4	6" VALVE	KENNEDY
FIRE HYDRANT	4 EA	4	FIRE HYDRANT	KENNEDY
1 1/2" WHC	486 LF	536 LF	COPPER	CAMBRIDGE-LEE
8"-216" CRIMP RADIUS	2 EA	2	DIP	US PIPE
8"-301" CRIMP RADIUS	1 EA	1	DIP	US PIPE
8"-344" CRIMP RADIUS	1 EA	1	DIP	US PIPE
8"-CAP AND BUTTRESS	1 EA	1	DIP	US PIPE
8"-CAP AND BUTTRESS	1 EA	1	DIP	US PIPE
1-1/2" DRAIN	1 EA	1	COPPER	CAMBRIDGE-LEE
SEWER				
8" SEWER (PVC)	552 LF	542 LF	SDR-35	NORTH AMERICAN
8" SEWER (DIP)	814 LF	667 LF	DIP	US PIPE
MANHOLES	11 EA	230 LF	PRECAST	C.P.C.
4" SHC	562 LF	342 LF	SDR-35	US PIPE
4" SHC		147 LF	SDR-35	NORTH AMERICAN
8" C-900		1	DIP	US PIPE
11" HB		2	DIP	US PIPE
22" HB				

OWNER
 MR.J. FAMILY LIMITED PARTNERSHIP; TAYLOR VILLAGE FAMILY, LLC
 MANAGING MEMBER PHILLIP CUGLIOTTI, AUTHORIZED PERSON
 4100 COLLEGE AVENUE
 ELLICOTT CITY, MD 21043
 (410) 465-3500

DEVELOPER
 AUTUMN DEVELOPMENT CORPORATION; RONALD L. SPAHN, PRESIDENT
 3401 TWIN KNOLLS ROAD, SUITE 7
 COLUMBIA, MD 21045
 (410) 465-3500

TAYLOR FAMILY LIMITED PARTNERSHIP; VILLAGE CREST, LLC
 MANAGING MEMBER BRUCE TAYLOR, AUTHORIZED PERSON
 4100 COLLEGE AVENUE
 ELLICOTT CITY, MD 21043
 (410) 465-3500

NOTES:
 1. ALL WATER CONNECTIONS SHALL BE 1-1/2" WITH 1" OUTSIDE METER SETTINGS, UNLESS OTHERWISE NOTED. REFER TO HOWARD COUNTY DETAILS W-3.28 OUTSIDE METER SETTINGS.



DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

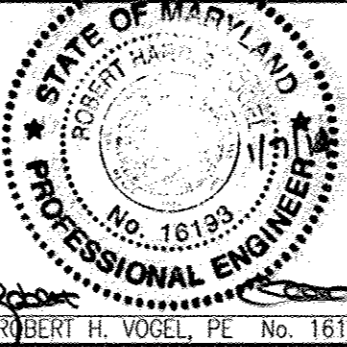
John C. Green
 CHIEF, BUREAU OF UTILITIES

DEPARTMENT OF PLANNING & ZONING
 HOWARD COUNTY, MARYLAND

Chad Edwards
 CHIEF, DEVELOPMENT ENGINEERING DIVISION

DATE: 2.7.14

ROBERT H. VOGEL ENGINEERING, INC.
 ENGINEERS • SURVEYORS • PLANNERS
 8407 MAIN STREET TEL: 410.461.7666
 ELLICOTT CITY, MD 21043 FAX: 410.461.8961



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: 09-27-2014

DRN: KG/EDS DES: RHV
 CHK: RHV
 DATE: JANUARY 2014

NO.	REVISION	DATE
1	REVISE MCE LOT 16, ADD SHC CHART	7/22/16

FINAL WATER & SEWER PLAN
LAYOUT PLAN

600' SCALE MAP NO. 25
 BLOCK NO. 14

AUTUMN OVERLOOK
 LOTS 1-20, & OPENSACE LOT 21
 PARCELS 56 & 309 (L. 12833 / F. 00448)
 PARCEL 95 (L. 13244 / F. 00037)
 CONTRACT 14-4737-D

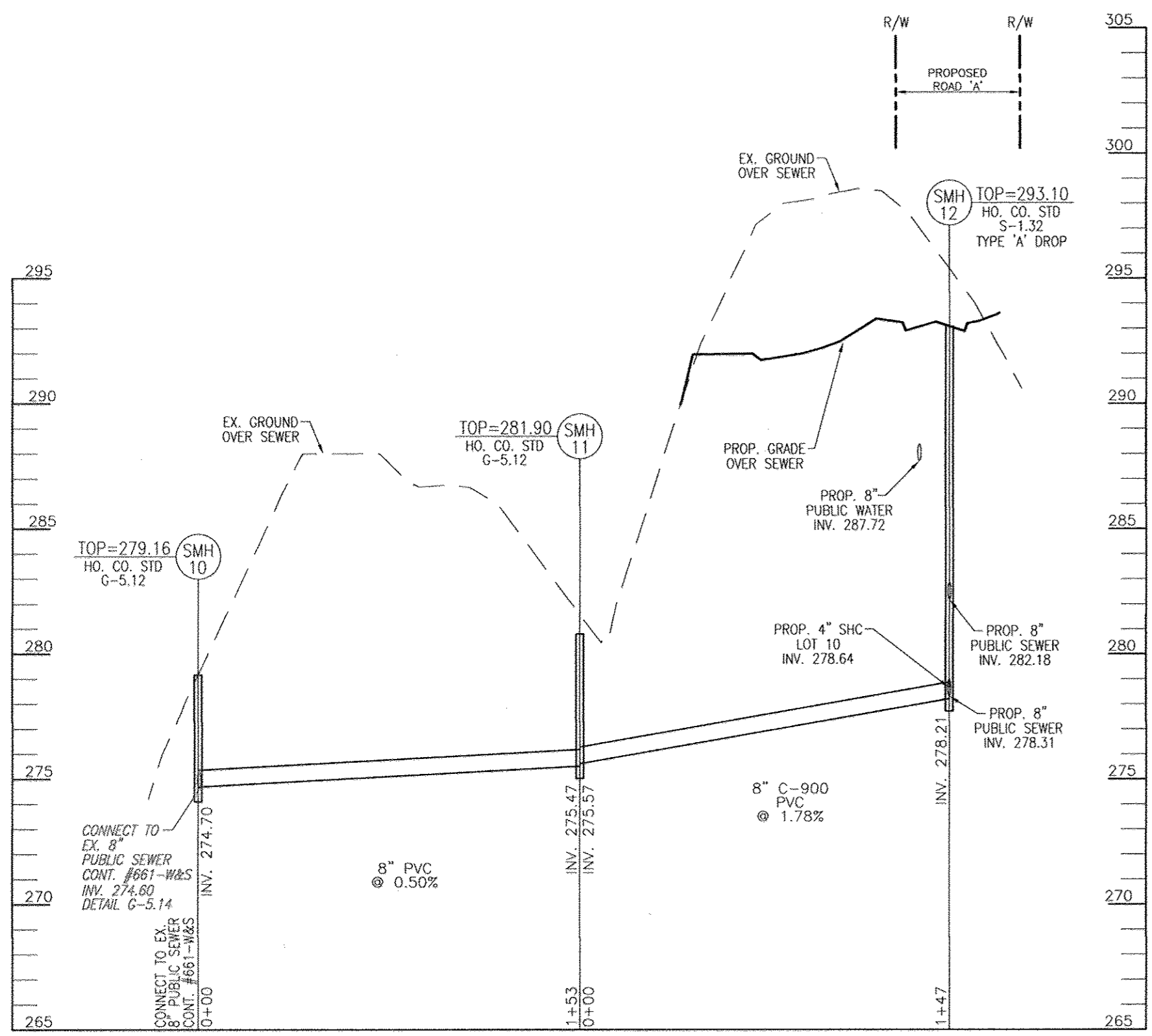
TAX MAP: 25 GRID: 14
 DPZ REF'S: CONT. 661-W&S, CONT. 134-W
 ZONING: R-ED
 HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
 SHEET 2 OF 4

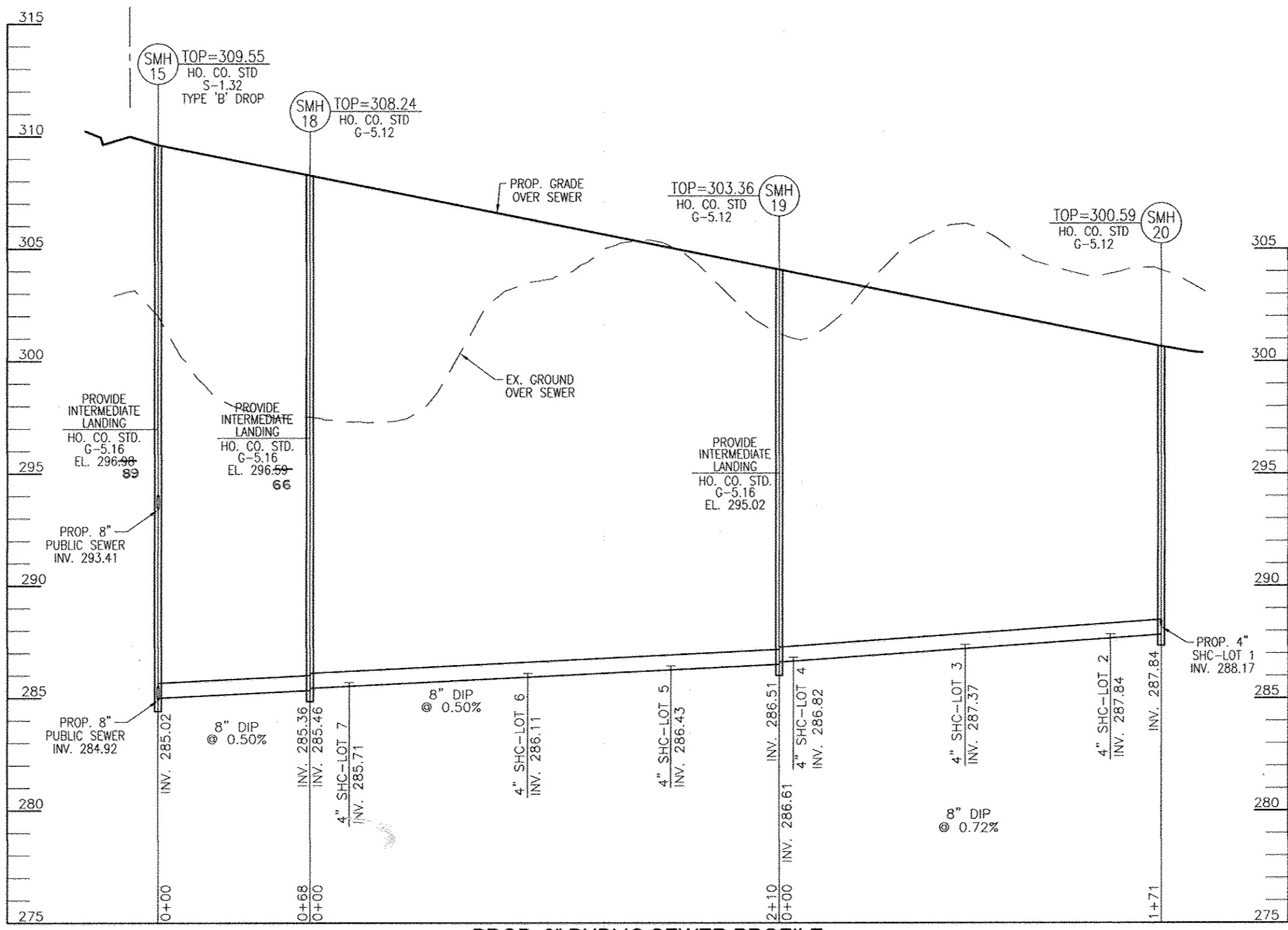
OWNER
 MRJL FAMILY LIMITED PARTNERSHIP, TAYLOR VILLAGE FAMILY, LLC
 MANAGING MEMBER PHILLIP GUGLIOTTI, AUTHORIZED PERSON
 4100 COLLEGE AVENUE
 ELLICOTT CITY, MD 21043
 (410) 465-3500

DEVELOPER
 AUTUMN DEVELOPMENT CORPORATION, RONALD L. SPAHN, PRESIDENT
 5401 TWIN KNOLLS, 304D, SUITE 7
 COLUMBIA, MD 21045
 (410) 465-3500

TAYLOR FAMILY LIMITED PARTNERSHIP "A", VILLAGE CREST, LLC
 MANAGING MEMBER BRUCE TAYLOR, AUTHORIZED PERSON
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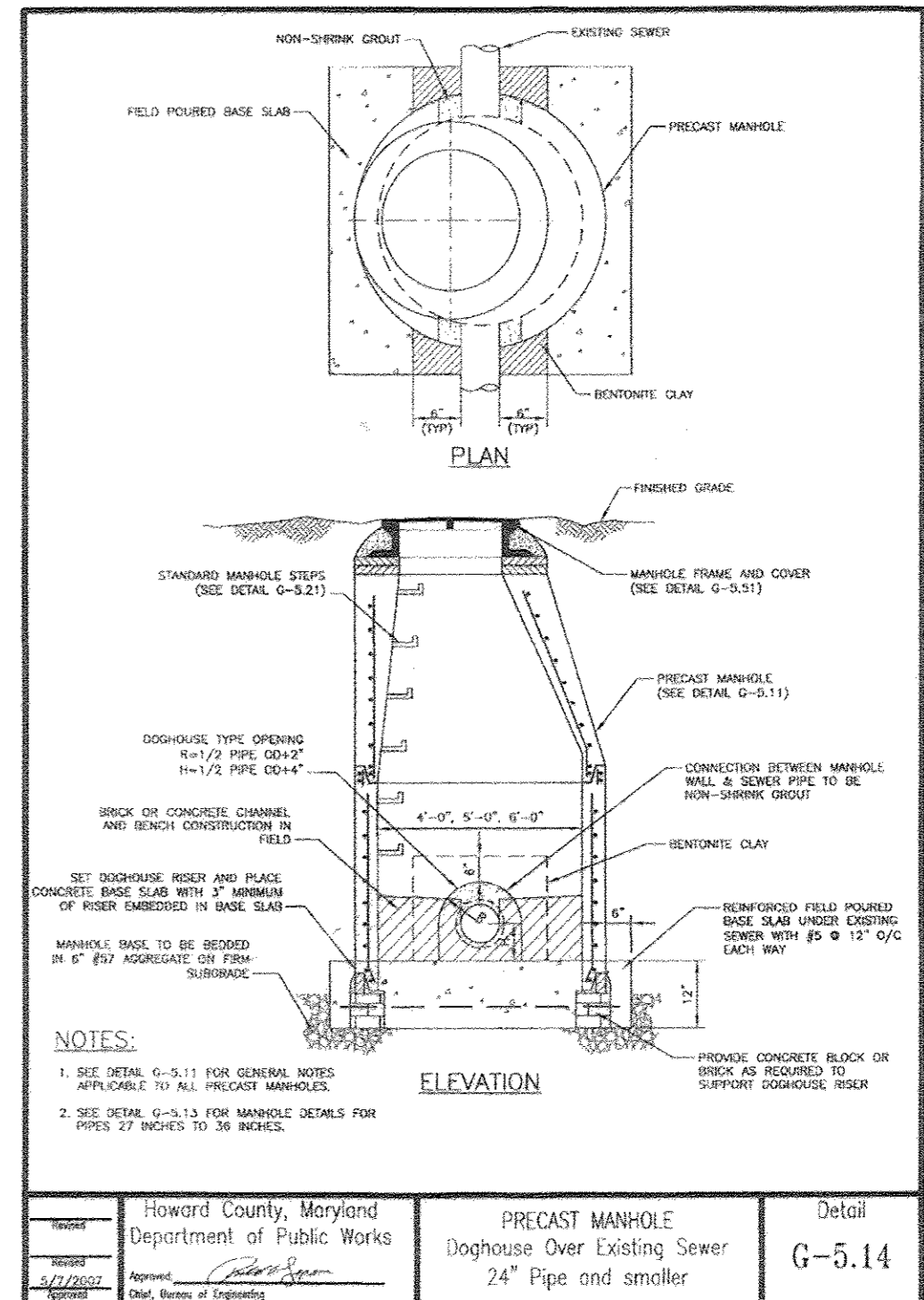


**PROP. 8" PUBLIC SEWER PROFILE
OPEN SPACE LOT 21**
SCALE: HORIZONTAL - 1"=50'
VERTICAL - 1"=5'

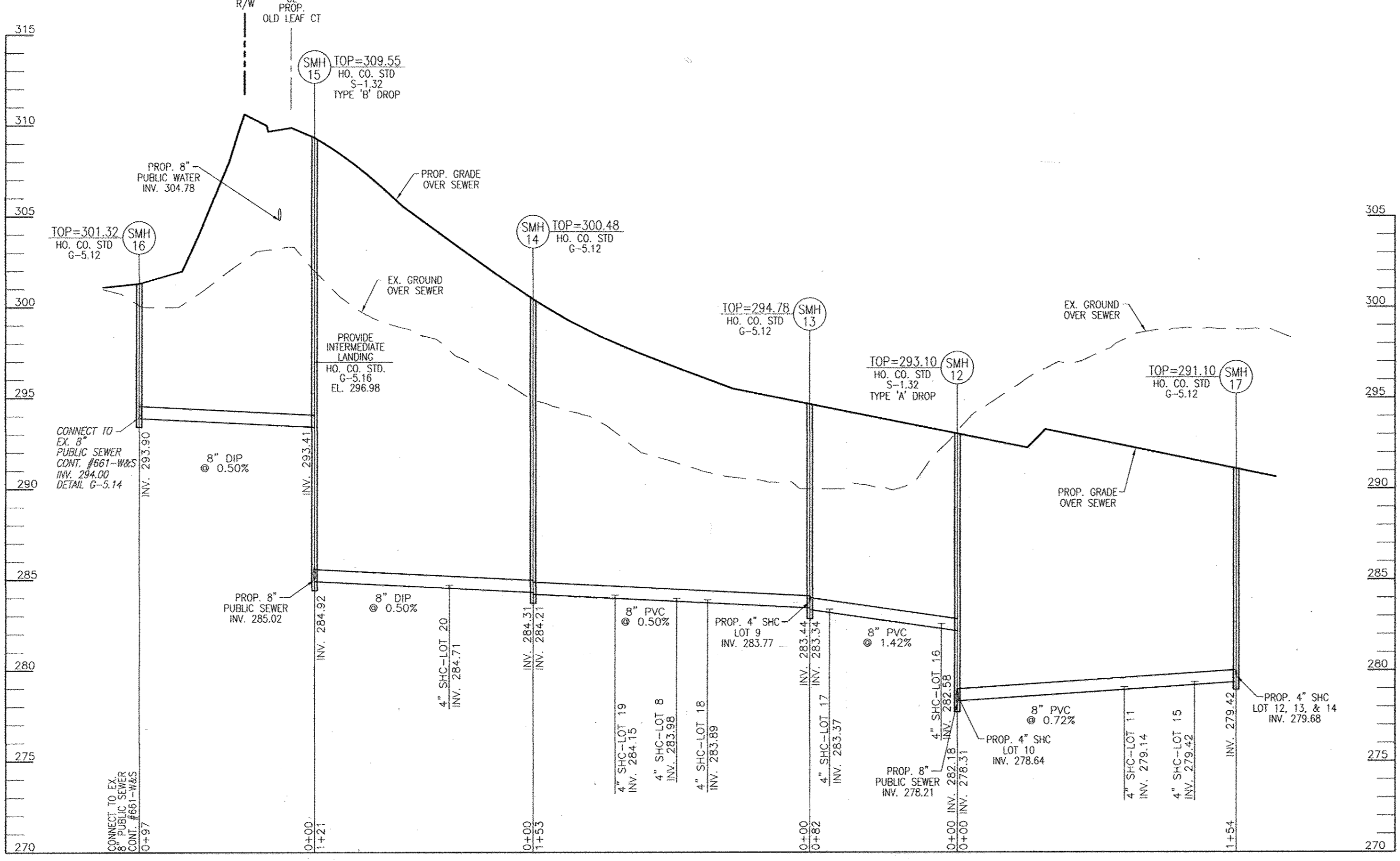


**PROP. 8" PUBLIC SEWER PROFILE
RED STAG COURT**
SCALE: HORIZONTAL - 1"=50'
VERTICAL - 1"=5'

MANHOLE LOCATION CHART						
MH No.	TYPE	LOCATION	TOP ELEV.	INV. IN.	INV. OUT	
SMH 10	STD. PRECAST MANHOLE (G-5.12)	N 981477.9 E 1370394.5	279.16	274.70	274.60	
SMH 11	STD. PRECAST MANHOLE (G-5.12)	N 981581.1 E 1370508.1	281.50	275.57	275.47	
SMH 12	TYPE "A" DROP (S-1.32)	4+53.59 CL OLD LEAF CT. 5.96' RT.	293.10	282.18	278.84	278.21
SMH 13	STD. PRECAST MANHOLE (G 5.12)	3+69.45 CL OLD LEAF CT. 4' RT.	294.78	283.97	283.34	
SMH 14	STD. PRECAST MANHOLE (G 5.12)	2+15.74 CL OLD LEAF CT. 7.03' RT.	300.48	284.31	284.21	
SMH 15	TYPE "B" DROP (S-1.32)	0+12.54 CL OLD LEAF CT. 9.98' LT.	309.55	293.41	285.92	284.92
SMH 16	STD. PRECAST MANHOLE (G 5.12)	N 981173.7 E 1370463.6	301.32	294.00	293.90	
SMH 17	STD. PRECAST MANHOLE (G 5.12)	N 981609.7 E 1370729.8	291.10	279.68 (5)	279.42	
SMH 18	STD. PRECAST MANHOLE (G 5.12)	0+82.46 CL RED STAG CT. 3.91' LT.	308.24	285.46	285.36	
SMH 19	STD. PRECAST MANHOLE (G 5.12)	2+93.89 CL RED STAG CT. 6' LT.	303.36	286.61	286.51	
SMH 20	STD. PRECAST MANHOLE (G 5.12)	4+65.40 CL RED STAG CT. 6' LT.	300.59	288.17	287.84	



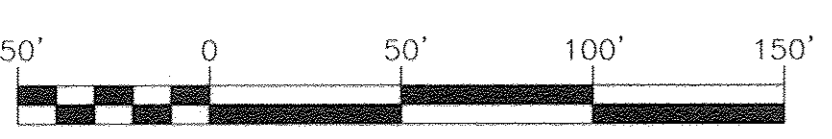
SEWER HOUSE CONNECTION AS-BUILT LOCATION TABLE			
LOT #	ADDRESS	LOCATION DIMENSION 1	LOCATION DIMENSION 2
LOT 1		46' TO FH-4	39' TO SMH-20
LOT 2		31' TO SMH-20	9' TO LOT 2 WHC
LOT 3		69' TO SMH-19	11' TO LOT 3 WHC
LOT 4		22' TO SMH-19	28' TO LOT 4 WHC
LOT 5		53' TO SMH-19	9' TO LOT 5 WHC
LOT 6		8' TO LOT 6 WHC	76' TO LOT 7 SHC
LOT 7		76' TO LOT 6 SHC	68' TO LOT 6 WHC
LOT 8		42' TO LOT 8 WHC	83' TO SMH-13
LOT 9		15' TO LOT 9 WHC	25' TO SMH-13
LOT 10		20' TO SMH-12	32' TO LOT 10 WHC
LOT 11		36' TO LOT 11 WHC	96' TO SMH-12
LOT 12		14.5' TO SMH-17	29' TO LOT 12 WHC
LOT 13		12' TO SEWER CO STA 6+40	12' TO LOT 13 WHC
LOT 14		22' TO SMH-17	36.5' TO LOT 12 SHC
LOT 15		21' TO LOT 15 WHC	39' TO LOT 11 SHC
LOT 16		42' TO FH STA 4+66.96	48' TO 6" VALVE STA 4+56.96
LOT 17		52.5' TO LOT 16 WHC	16' TO LOT 17 WHC
LOT 18		64' TO LOT 17 WHC	34' TO LOT 18 WHC
LOT 19		56' TO LOT 8 WHC	18' TO LOT 18 WHC
LOT 20		34' TO FH STA 1+81	60' TO SMH-14
LOT 21	OPEN SPACE		



**PROP. 8" PUBLIC SEWER PROFILE
OLD LEAF COURT**
SCALE: HORIZONTAL - 1"=50'
VERTICAL - 1"=5'

MIN. CELLAR ELEV. CHART						
DROP THRU SLAB						
LOT #	INV 4" @ MAIN	TYPE	DIST TO ESMT / R/W	ELEV @ ESMT / R/W	DIST TO HOUSE	EL @ HOUSE
1	288.17	SHC	54	289.25	71.0	290.67
2	287.84	SHC	20	288.24	72.0	289.68
3	287.37	SHC	20	287.77	71.0	289.19
4	286.82	SHC	20	287.22	72.0	288.66
5	286.43	SHC	19	286.81	71.0	288.23
6	286.11	SHC	18	286.47	71.0	287.89
7	285.71	SHC	19	286.09	72.0	287.53
8	283.98	SHC	19	284.36	74.0	285.84
9	283.77	SHC	22	284.21	74.0	285.69
10	278.64	SHC	33	279.30	64.0	280.58
11	279.08	SHC	10	279.28	66.0	280.60
12	279.68	SHC	10	279.78	65.0	280.43
13	279.68	SHC	61	280.29	66.0	280.95
14	279.68	SHC	22	280.12	67.0	281.46
15	279.36	SHC	22	279.80	70.0	281.20
16	282.58	SHC	36	283.30	55.0	284.40
17	283.37	SHC	33	284.03	74.0	285.51
18	283.89	SHC	35	284.59	71.0	286.01
19	284.15	SHC	32	284.79	75.0	286.29
20	284.71	SHC	31	285.33	75.0	286.83

1. LOT 12 & 13 = 1% SHC EASEMENT TO HOUSE



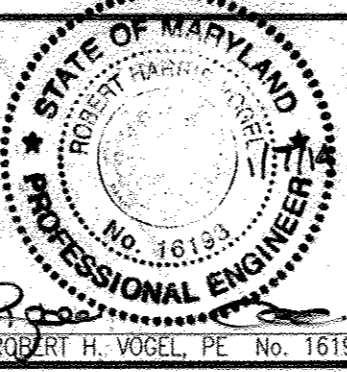
DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING & ZONING
HOWARD COUNTY, MARYLAND

Steve Chern 1/17/14
CHIEF, BUREAU OF UTILITIES

Chad Edwards 2.7.14
CHIEF, DEVELOPMENT ENGINEERING DIVISION

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DRN: KG/EDS DES: RHV
CHK: RHV
DATE: JANUARY 2014

BY: *RHV* NO. *1* REVISION: *REVISE MCH LOT 16, ADD SHC CHART* DATE: *7/22/16*

**FINAL WATER & SEWER PLAN
SEWER PROFILES**

600' SCALE MAP NO. 25
BLOCK NO. 14

OWNER
MIRA, FAMILY LIMITED PARTNERSHIP; TAYLOR VILLAGE FAMILY, LLC
MANAGING MEMBER PHILIP CUGLIOTTI, AUTHORIZED PERSON
4100 COLLEGE AVENUE
ELLICOTT CITY, MD 21043
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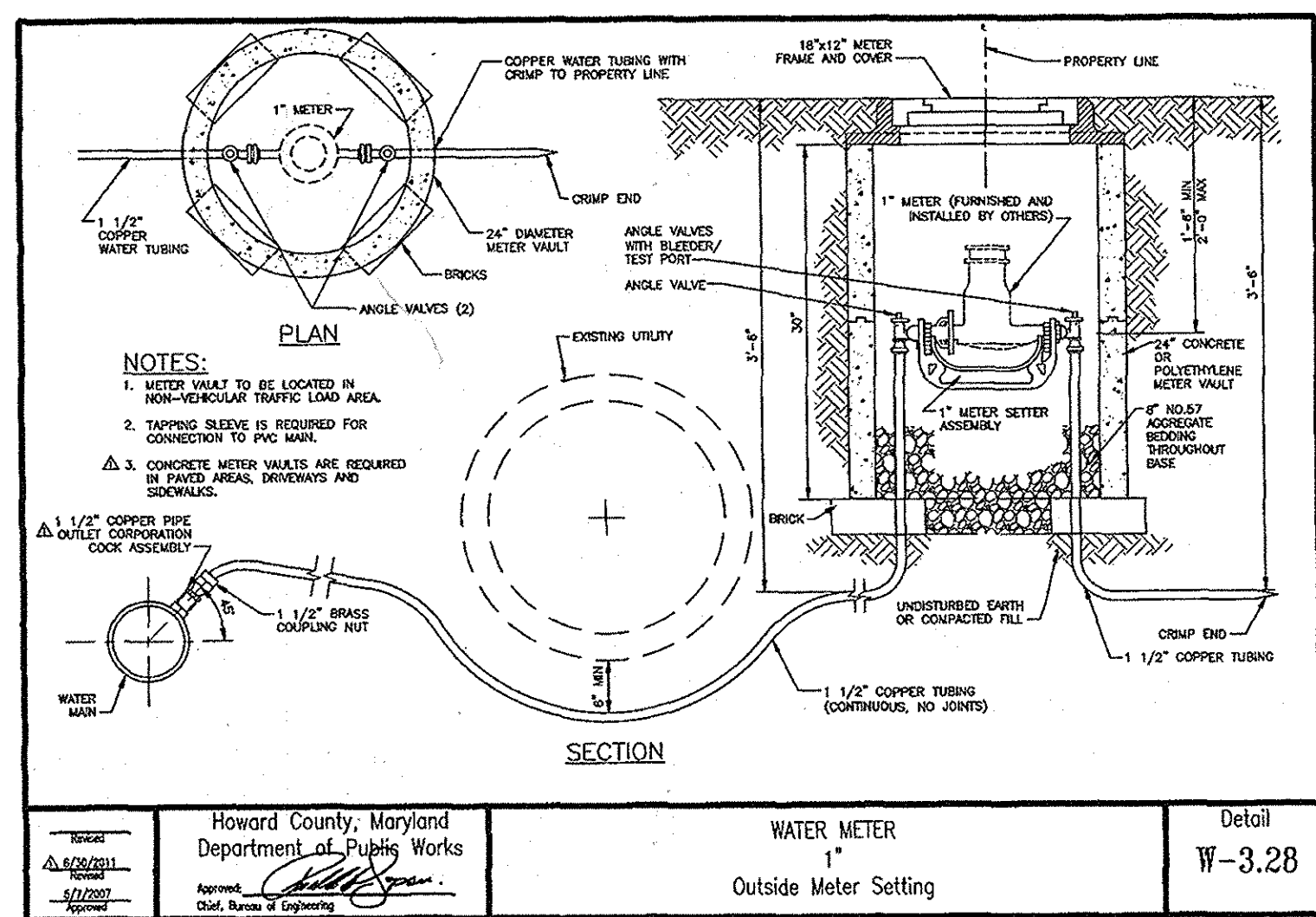
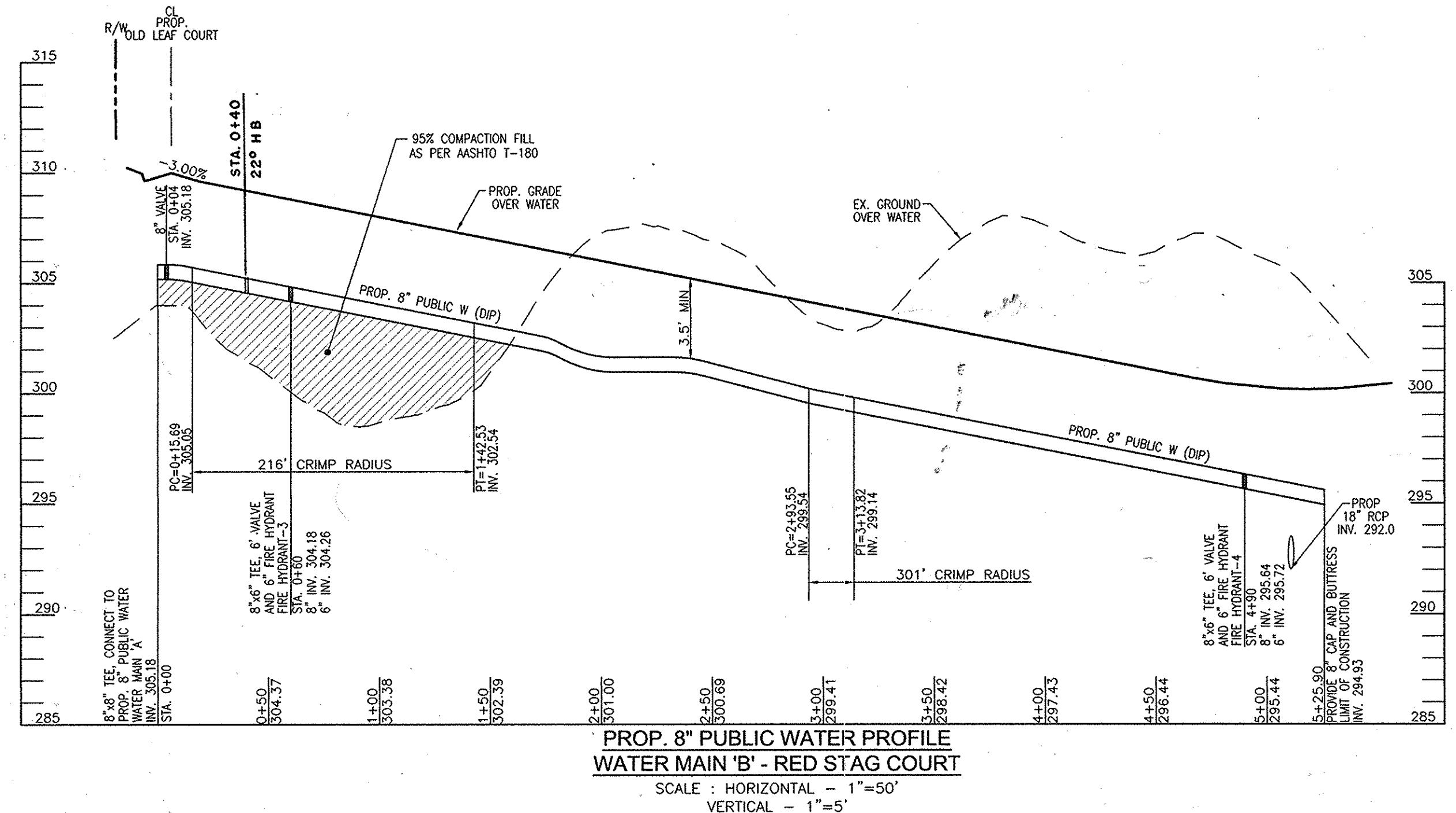
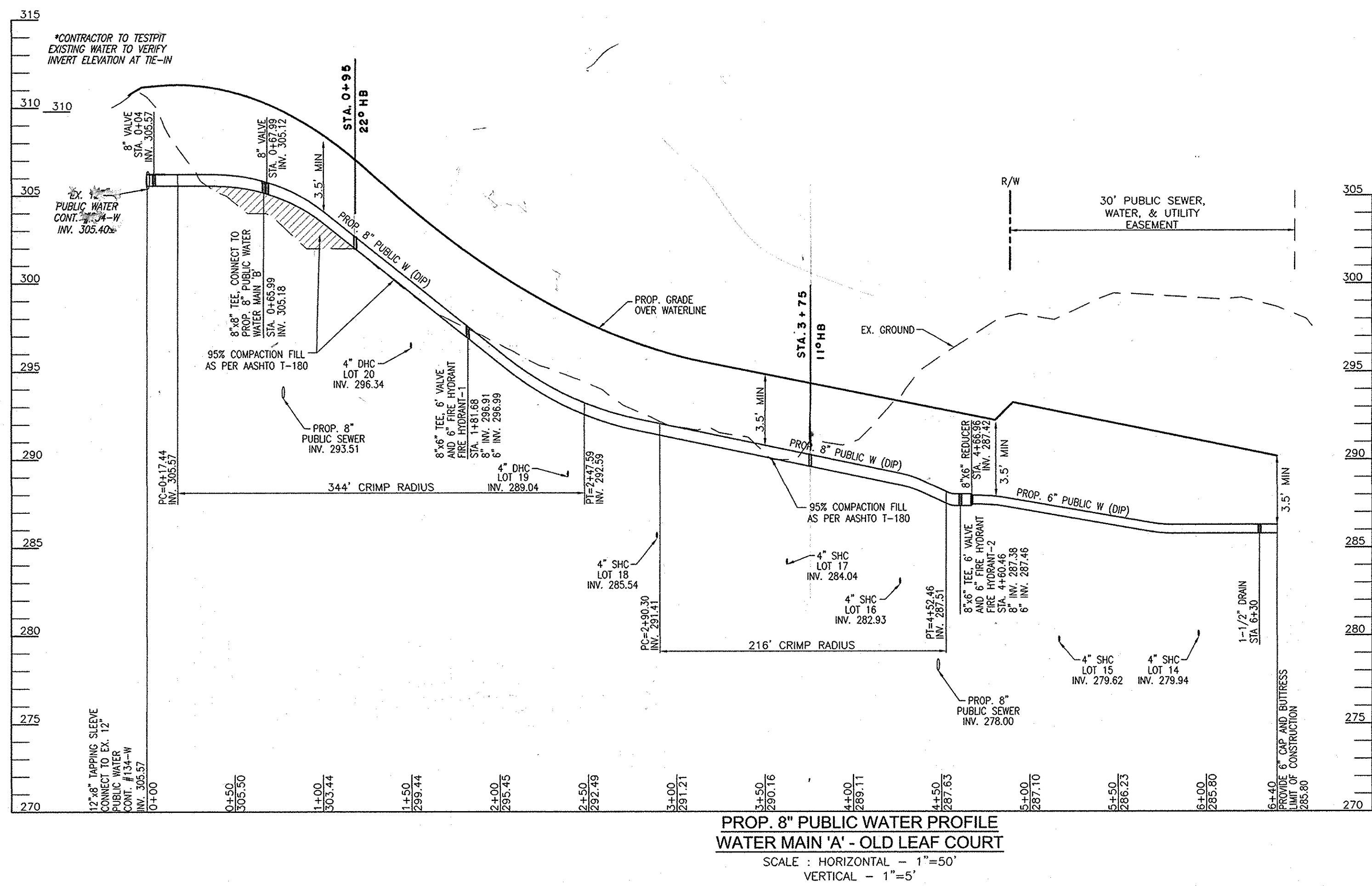
TAYLOR FAMILY LIMITED PARTNERSHIP "A"; VILLAGE CREST, LLC
MANAGING MEMBER BRUCE TAYLOR, AUTHORIZED PERSON
4100 COLLEGE AVENUE
ELLICOTT CITY, MD 21043
(410) 465-3500

AUTUMN OVERLOOK
LOTS 1-20, & OPENSACE LOT 21
PARCELS 56 & 309 (L. 12833 / F. 00446)
PARCEL 95 (L. 13244 / F. 00037)
CONTRACT 14-4737-D

TAX MAP: 25 GRID: 14
2ND ELECTION DISTRICT
DPZ REF'S: CONT. 661-W&S, CONT. 134-W

ZONING: R-ED
PARCELS: 56, 309, & 95
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
SHEET 3 OF 4



NOTES:
 1. ALL WATER CONNECTIONS SHALL BE 1-1/2\"/>

WATER MAIN LOCATION CHART	
PROP. WATER MAIN 'A'	
WL STA. 0+00.00	12\"/>

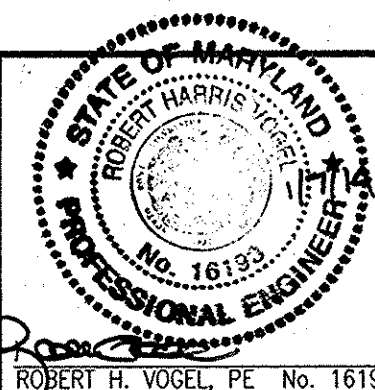
WATER HOUSE CONNECTION AS-BUILT LOCATION TABLE			
LOT #	ADDRESS	LOCATION DIMENSION 1	LOCATION DIMENSION 2
LOT 1		42.5' TO FH-4	9' TO LOT #1 SHC
LOT 2		65' TO LOT #3 WHC	35.5' TO SMH-20
LOT 3		11' TO LOT #3 SHC	65' TO LOT #2 WHC
LOT 4		39' TO LOT #5 WHC	28' TO LOT #4 SHC
LOT 5		9' TO LOT #5 SHC	39' TO LOT #4 WHC
LOT 6		8' TO LOT #6 SHC	68' TO LOT #7 SHC
LOT 7		76' TO SMH-18	74' TO SMH-14
LOT 8		56' TO LOT #19 SHC	42' TO LOT #8 SHC
LOT 9		15' TO LOT #9 SHC	32' TO SMH-13
LOT 10		52' TO LOT #10 SHC	37.5' TO SMH-12
LOT 11		36' TO LOT #11 SHC	60' TO SMH-12
LOT 12		29' TO LOT #12 SHC	28' TO SMH-17
LOT 13		13' TO LOT #13 SHC	26.5' TO DRAIN STA 6+50.00, OLD LEAF
LOT 14		11' TO LOT #14 SHC	25' TO SMH-17
LOT 15		21' TO LOT #15 SHC	39' TO LOT #11 SHC
LOT 16		11' TO LOT #16 SHC	50.5' TO LOT #10 WHC
LOT 17		16' TO LOT #17 SHC	64' TO LOT #18 SHC
LOT 18		34' TO LOT #18 SHC	18' TO LOT #19 SHC
LOT 19		12' TO LOT #19 SHC	46' TO SMH-14
LOT 20		13' TO LOT #20 SHC	48.5' TO 6\"/>



DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING & ZONING
 HOWARD COUNTY, MARYLAND

ROBERT H. VOGEL ENGINEERING, INC.
 ENGINEERS • SURVEYORS • PLANNERS
 8407 MAIN STREET TEL: 410.461.7666
 ELLICOTT CITY, MD 21043 FAX: 410.461.8961



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: 09-27-2014

DRN: KG/EDS	DES: RHV
CHK: RHV	
DATE: JANUARY 2014	
BY NO.	REVISION
DATE	

FINAL WATER & SEWER PLAN
WATER PROFILES

DEVELOPER
 AUTUMN DEVELOPMENT CORPORATION, RONALD L. SPAHN, PRESIDENT
 5401 TWIN KNOLLS ROAD, SUITE 7
 COLUMBIA, MD 21045
 (410) 465-3500

OWNER
 MRJL FAMILY LIMITED PARTNERSHIP, TAYLOR VILLAGE FAMILY, LLC
 MANAGING MEMBER PHILLIP GUGLIOTTI, AUTHORIZED PERSON
 4100 COLLEGE AVENUE
 ELLICOTT CITY, MD 21043
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 2ND ELECTION DISTRICT PARCELS: 56, 309, & 95
 DPZ REF'S. CONT. 661-W&S, CONT. 134-W HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
 SHEET 4 OF 4