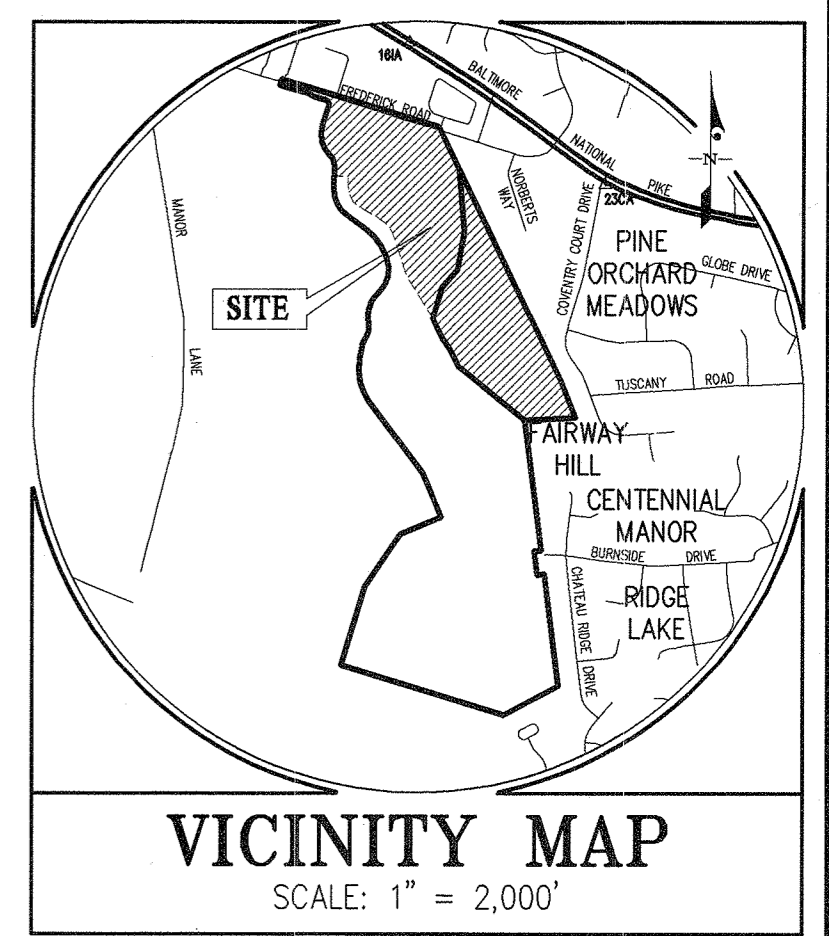


TYPE OF BUILDING	RESIDENTIAL
NUMBER OF UNITS	50
NUMBER OF S.H.C.'s	59
NUMBER OF W.H.C.'s	61 SINGLE
AREA OF COMMERCIAL LOT/PARCEL	0.0 AC.
SEWER WATERSHED	MIDDLE PATUXENT
PUMPING STATION	N/A



**BENCHMARKS**

16HC: NORTHING: 584,780.408	16HD: NORTHING: 590,674.711
EASTING: 134,530.147	EASTING: 134,074.336

ADC MAP COORDINATES: MAP 14 GRID E6 4 F6  
GRID ET 4 FT

9 OF THE CONNECTIONS BEING PROVIDED AS PART OF THIS CONTRACT ARE BEING PROVIDED FOR LOTS THAT WILL BE CREATED WITH THE RESUBDIVISION OF NON-BUILDABLE BULK PARCEL 'B' (F 16-061).

**GENERAL NOTES**

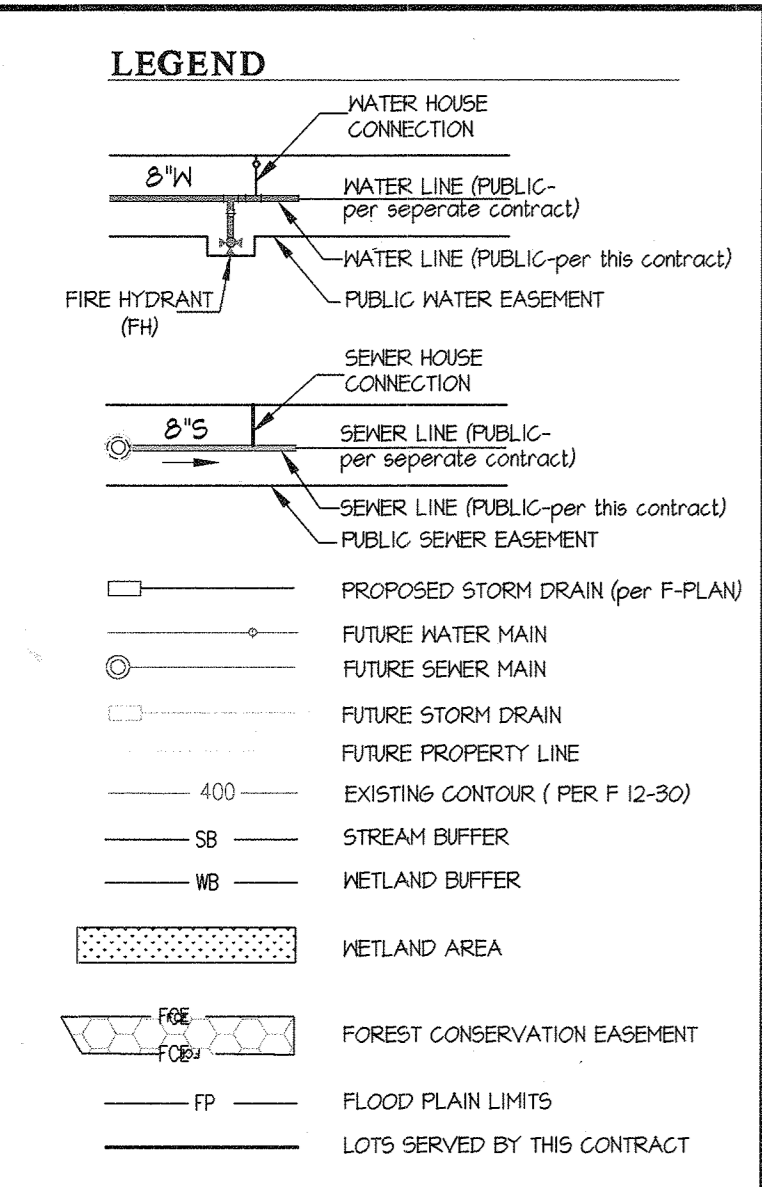
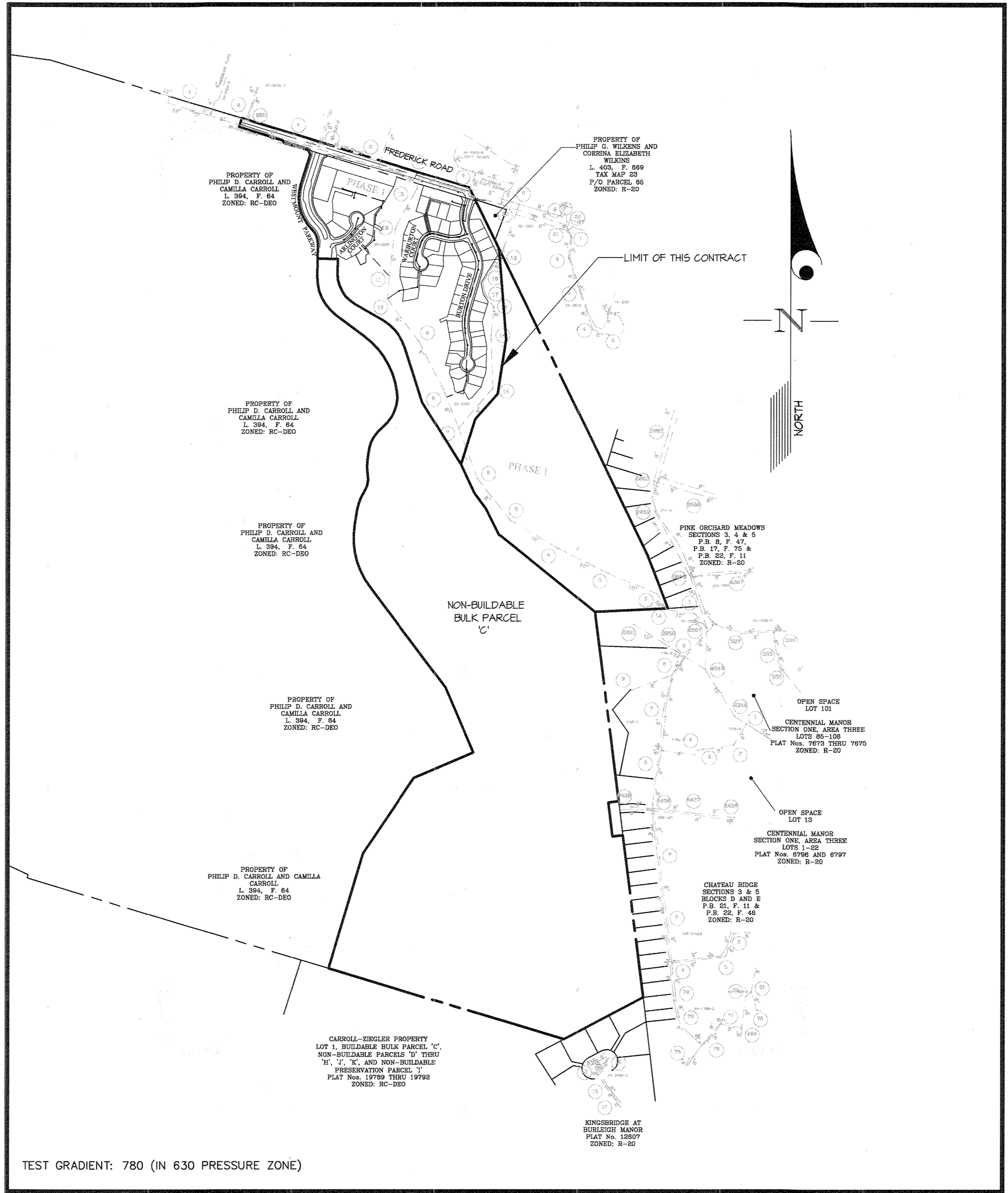
- Part I**
- Approximate locations of existing mains are shown. The contractor shall take all necessary precautions to protect existing mains and services and maintain uninterrupted service. Any damage incurred shall be repaired immediately to the satisfaction of the Engineer at the contractor's expense.
  - Topographic field surveys were performed on March, 1987 by 3DI and then updated by grade checks performed by Gutschick, Little & Weber, PA and based on F 13-008. The boundary information is based upon a field survey prepared by Gutschick, Little & Weber, PA on or about June, 2001.
  - Horizontal and Vertical Survey Controls: The coordinates shown on the drawings are based on Maryland State Reference System NAD 83/71 as projected by Howard County Geodetic Control Stations No. 46BC and No. 41EA. All vertical controls are based on NAVD 88. Vertical controls provided on the drawings are standard discs on concrete monuments. All pipe elevations shown are invert elevations unless otherwise noted on the plans.
  - 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 the drawings. In the event the contractor's work requires the bracing of additional poles, any cost incurred by the owner for the 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 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  $\Phi$  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.
  - The contractor shall notify the following utility companies or agencies at least five working days before starting work shown on these plans:  
 AT&T..... 1-800-252-1333  
 BGE (Construction Services)..... 410-637-8713  
 BGE (Emergency)..... 410-625-0123  
 Bureau of Utilities..... 410-318-4900  
 Colonial Pipeline Co..... 410-785-1340  
 Mesa Utility..... 1-800-257-7111  
 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 construction of the main.
  - The contractor shall notify the Bureau of Highways, Howard County, at (410)-313-7450 at least five working days before opening or boring/jacking of any County road for laying water/sewer mains or house connections. The approval of these drawings will constitute compliance with DPM requirements per Section 18.11(a) 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" 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 top 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 1005 of the Standard Specifications.
  - The contractor shall not operate any water main valves on the existing water system.
  - Traction wires and continuity test stations shall be installed on all DIP and PVC water mains in accordance with the Howard County Design Manual.
  - For PVC water mains, all records for the Quality Control and Qualification Test. Requirements noted in Section 51 of the ANWA Standard C400 for PVC pressure pipe 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 retained.
  - 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 hammers. 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 spigot 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 have 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 deflection (HD) couplings. No bending of the pipe or deflecting 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 a 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 care not to use compaction equipment directly over the fitting.
  - PVC high deflection couplings shall be limited to a total deflection of 3-degrees (14-degree on either end of the coupling), shall be rated for a minimum 200 psi meeting the requirements of ANWA C400, shall have a minimum length of 4-inches and shall have center stops. PVC high deflection couplings shall be CertainTeed PVC High Deflection (HD) Stop Couplings or equal. Five degree sweeps shall be bell by spigot, rated for a minimum 225 psi, DR18 meeting the requirements of ANWA C400 and shall be Multi Fittings (px) 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 ANWA C-400 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.
  - For single family dwellings, the fire sprinkler code requires a minimum 1-1/2' MHC with a 1' meter, outside 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 M.T. in plan and profile shall have watertight frame and cover, Standard Detail 6532. Where watertight manhole frames and covers are 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 the cellar cannot be served.

**QUANTITIES**

ITEMS	TYPE	QUANTITIES ESTIMATED	AS-BUILT		
			QUANTITIES	TYPE	MANUFACTURER/SUPPLIER
8" WATER MAIN	D.I.P.	2781 L.F.	2880	DIP	American Cast Iron Pipe
6" WATER MAIN	D.I.P.	1438 L.F.	1165	DIP	American Cast Iron Pipe
1-1/2" MHC		1595 L.F.	1466	Copper	
1-1/2" METER VAULT		61 EA.	59	Concrete	Home Concrete
8"x8" T.S.I.V.		2 EA.	2	DIP	Smith Blair
8"x6" TEE		1 EA.	1	DIP	Tyler/Union Foundry
8"x8" TEE		2 EA.	2	DIP	Tyler/Union Foundry
8"x6" TEE		1 EA.	1	DIP	Tyler/Union Foundry
8"x6" FHT		4 EA.	8	DIP	Tyler/Union Foundry
8" 1/8 HB		1 EA.	1	DIP	Tyler/Union Foundry
8" 1/16 HB		8 EA.	8	DIP	Tyler/Union Foundry
8" 1/32 HB		5 EA.	6	DIP	Tyler/Union Foundry
8" 1/32 VB		2 EA.	2	DIP	Tyler/Union Foundry
6" 1/8 HB		3 EA.	3	DIP	Tyler/Union Foundry
6" 1/16 HB		2 EA.	2	DIP	Tyler/Union Foundry
6" 1/32 HB		1 EA.	1	DIP	Tyler/Union Foundry
8"x6" REDUCER		3 EA.	3	DIP	Tyler/Union Foundry
8" VALVE		5 EA.	5	DIP	Mueller Company
6" VALVE		11 EA.	11	DIP	Mueller Company
8" CAP		5 EA.	1	DIP	Tyler/Union Foundry
6" CAP		1 EA.	1	DIP	Tyler/Union Foundry
4" MANHOLES		42 EA.	42		Capitol Foundry
8" SEWER MAIN	PVC	3143 L.F.	3111	SDR-35	National Pipe and Fittings/Neht
6" SEWER MAIN	DIP	874 L.F.	1021	DIP	American Cast Iron Pipe
4" SHC	PVC	1246 L.F.	1278	SDR-35	National Pipe and Fittings/Neht
4" CLEANOUT		54 EA.	59		Multi Fittings
RIVER CROSSING		1 EA.	1		

NAME OF UTILITY CONTRACTOR: HTI

SURVEY AND DRAFTING DIV. CHECKBOX: \_\_\_\_\_  
AS-BUILT DATE: \_\_\_\_\_



**SHEET INDEX**

- COVER SHEET
- WATER AND SEWER PLAN (11'-50')
- WATER AND SEWER PLAN (11'-50')
- WATER AND SEWER PROFILE (11'-50')
- WATER AND SEWER PROFILE (11'-50')
- WATER AND SEWER PROFILE (11'-50')

SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH F 15-087, SECTION 308 OF THE SPECIFICATIONS AT FINAL ROAD PLAN STAGE.

On April 17, 2017 the Howard County Department of Public Works approved a Design Manual Waiver to allow the use of an alternative installation technique per Section 51 of the Howard County Design Manual Volume 11. The alternative installation technique being proposed is boring and jacking for the installation of a sewer main. The following conditions were placed on the approval:

- Cont. #24-4876-D must be redlined to reflect the revisions to the existing sewer main.
- Should field conditions determine that the approved alignment and alternative construction technique cannot be achieved, further remedial work may be required at the Developer's expense, and may include sewer reconstruction that impacts the disturbance limits within the approved MBE permit.

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

APPROVED: *John C. Roberts* 8/11/16  
HOWARD S.C.D. DATE

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*John C. Roberts* 8/11/16  
CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND

*Chad Edmondson* 9-18-16  
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

**GLW GUTSCHICK LITTLE & WEBER, P.A.**  
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK  
BURTONSVILLE, MARYLAND 20886  
TEL: 301-421-4024 BALT. 410-880-1820 DC/WA. 301-989-2524 FAX: 301-421-4186

DES. JRD DRN. JRD CHK. DEV

DATE: JULY, 2016

PROFESSIONAL CERTIFICATION  
I HEREBY CERTIFY THAT THESE PLANS 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. 12975  
EXP. DATE: MAY 26, 2018

G.L.W. No. 13013

BY	NO	REVISION	DATE
3+	3+	Revised quantities for irrigation water	11-17-17
3+	3+	Revised sewer MH, Main & SHC totals	5-20-17

WATER and SEWER TITLE SHEET

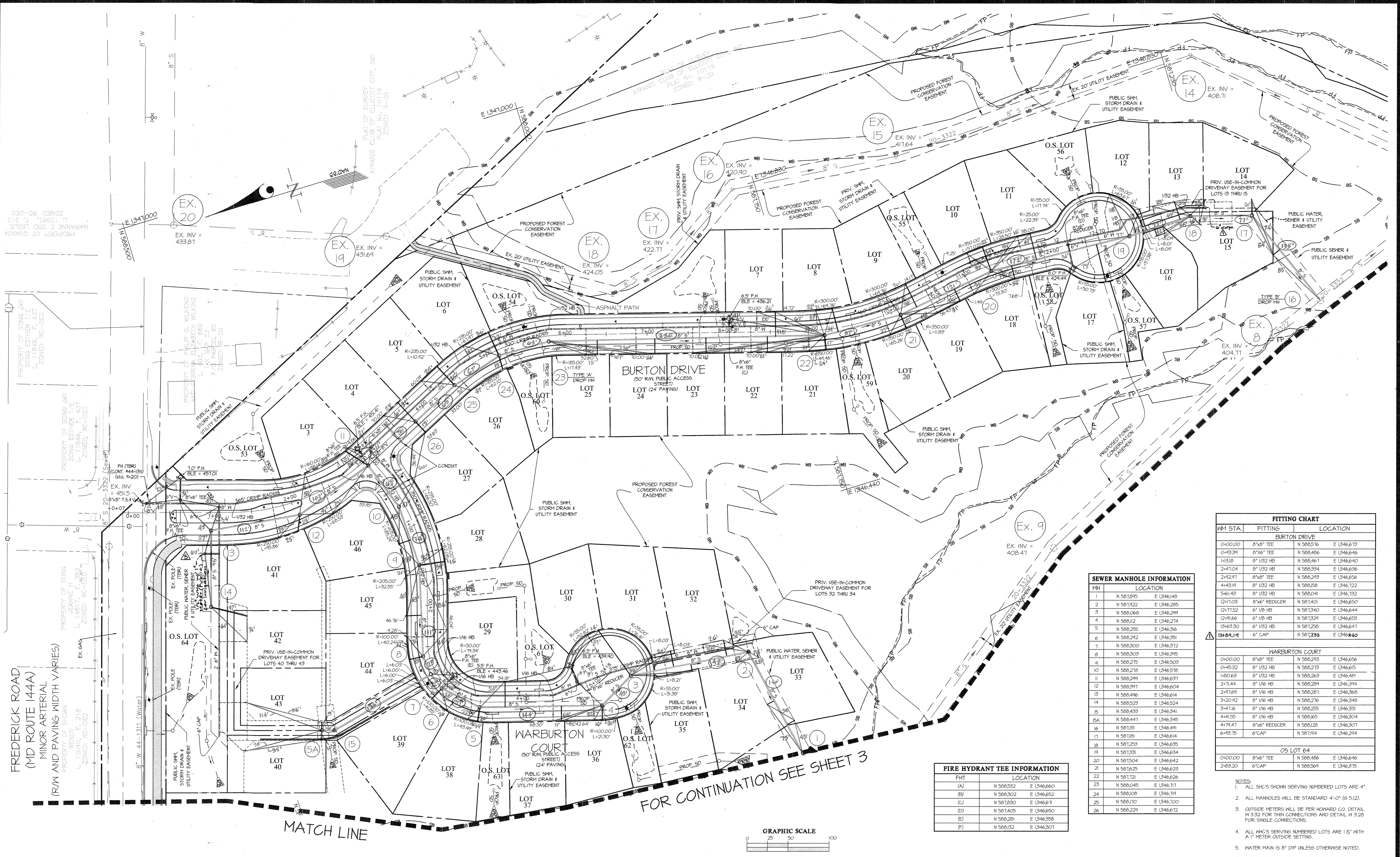
600' SCALE MAP NO. 23 BLOCK NO. 6 & 12

PREPARED FOR:  
WESTMOUNT DEVELOPMENT CORPORATION  
3500 MANOR LANE  
ELLCOTT CITY, MARYLAND 21042  
443-367-0422  
ATTN.: CAMILLA CARROLL

**WESTMOUNT CONTRACT No. 24-4876-D**  
PHASE 1  
CREDITED OPEN SPACE LOT 1,  
LOTS 3 THRU 52, OPEN SPACE LOTS 53 THRU 71  
AND NON-BUILDABLE BULK PARCELS 'B' AND 'C'  
HOWARD COUNTY, MARYLAND  
ELECTION DISTRICT No. 2

SCALE AS SHOWN  
SHEET 1 OF 6





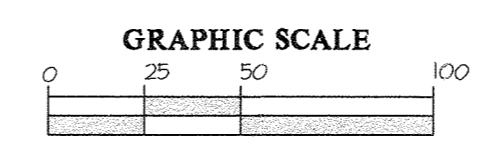
FITTING CHART			
WM STA.	FITTING	LOCATION	
BURTON DRIVE			
0+00.00	8"x8" TEE	N 588.576	E 1346.673
0+33.34	8"x6" TEE	N 588.486	E 1346.646
1+13.18	8" 1/2" HB	N 588.461	E 1346.640
2+41.04	8" 1/2" HB	N 588.334	E 1346.636
2+42.41	8"x8" TEE	N 588.243	E 1346.656
4+43.14	8" 1/2" HB	N 588.158	E 1346.722
5+61.43	8" 1/2" HB	N 588.041	E 1346.732
12+17.03	8"x6" REDUCER	N 587.401	E 1346.650
12+17.52	6" 1/2" HB	N 587.340	E 1346.644
12+18.66	6" 1/2" HB	N 587.324	E 1346.658
13+63.30	6" 1/2" HB	N 587.258	E 1346.647
13+63.14	6" CAP	N 587.233	E 1346.640
WARBURTON COURT			
0+00.00	8"x8" TEE	N 588.243	E 1346.656
0+45.32	8" 1/2" HB	N 588.273	E 1346.675
1+00.63	8" 1/2" HB	N 588.263	E 1346.649
2+11.44	8" 1/2" HB	N 588.284	E 1346.344
2+16.61	8" 1/2" HB	N 588.281	E 1346.368
3+20.42	8" 1/2" HB	N 588.276	E 1346.348
3+41.16	8" 1/2" HB	N 588.255	E 1346.331
4+41.55	8" 1/2" HB	N 588.165	E 1346.304
4+74.41	8"x6" REDUCER	N 588.128	E 1346.307
6+43.75	6" CAP	N 587.914	E 1346.294
OS LOT 64			
0+00.00	8"x6" TEE	N 588.486	E 1346.646
2+63.20	6" CAP	N 588.561	E 1346.575

SEWER MANHOLE INFORMATION	
MH	LOCATION
1	N 587.925 E 1346.148
2	N 587.922 E 1346.285
3	N 588.068 E 1346.249
4	N 588.112 E 1346.274
5	N 588.255 E 1346.316
6	N 588.242 E 1346.351
7	N 588.300 E 1346.372
8	N 588.303 E 1346.395
9	N 588.275 E 1346.503
10	N 588.278 E 1346.578
11	N 588.244 E 1346.637
12	N 588.341 E 1346.604
13	N 588.446 E 1346.614
14	N 588.523 E 1346.524
15	N 588.433 E 1346.341
15A	N 588.447 E 1346.345
16	N 587.121 E 1346.441
17	N 587.121 E 1346.614
18	N 587.253 E 1346.635
19	N 587.331 E 1346.634
20	N 587.504 E 1346.642
21	N 587.625 E 1346.623
22	N 587.121 E 1346.626
23	N 588.045 E 1346.717
24	N 588.108 E 1346.714
25	N 588.170 E 1346.700
26	N 588.224 E 1346.672

FIRE HYDRANT TEE INFORMATION	
FHT	LOCATION
(A)	N 588.532 E 1346.660
(B)	N 588.302 E 1346.652
(C)	N 587.830 E 1346.671
(D)	N 587.405 E 1346.650
(E)	N 588.281 E 1346.358
(F)	N 588.132 E 1346.307

- NOTES:
- ALL SHCS SHOWN SERVING NUMBERED LOTS ARE 4".
  - ALL MANHOLES WILL BE STANDARD 4'-0" (6' 5/2).
  - OUTSIDE METERS WILL BE PER HOWARD CO. DETAIL N 332 FOR TWIN CONNECTIONS AND DETAIL N 328 FOR SINGLE CONNECTIONS.
  - ALL PKCS SERVING NUMBERED LOTS ARE 1 1/2" WITH A 1" METER OUTSIDE SETTING.
  - WATER MAIN IS 8" DIP UNLESS OTHERWISE NOTED.
  - CONDUITS ARE 4" PVC PIPES LAID FLAT.

FOR CONTINUATION SEE SHEET 3



DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND

**GLW** GUTSCHICK LITTLE & WEBER, P.A.  
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
3909 NATIONAL DRIVE - SUITE 250 - BURTONVILLE OFFICE PARK  
BURTONVILLE, MARYLAND 20866  
TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

DATE JULY, 2016  
G.L.W. No. 13013  
PROFESSIONAL CERTIFICATION  
I HEREBY CERTIFY THAT THESE PLANS 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. 12375  
EXP. DATE: MAY 26, 2018

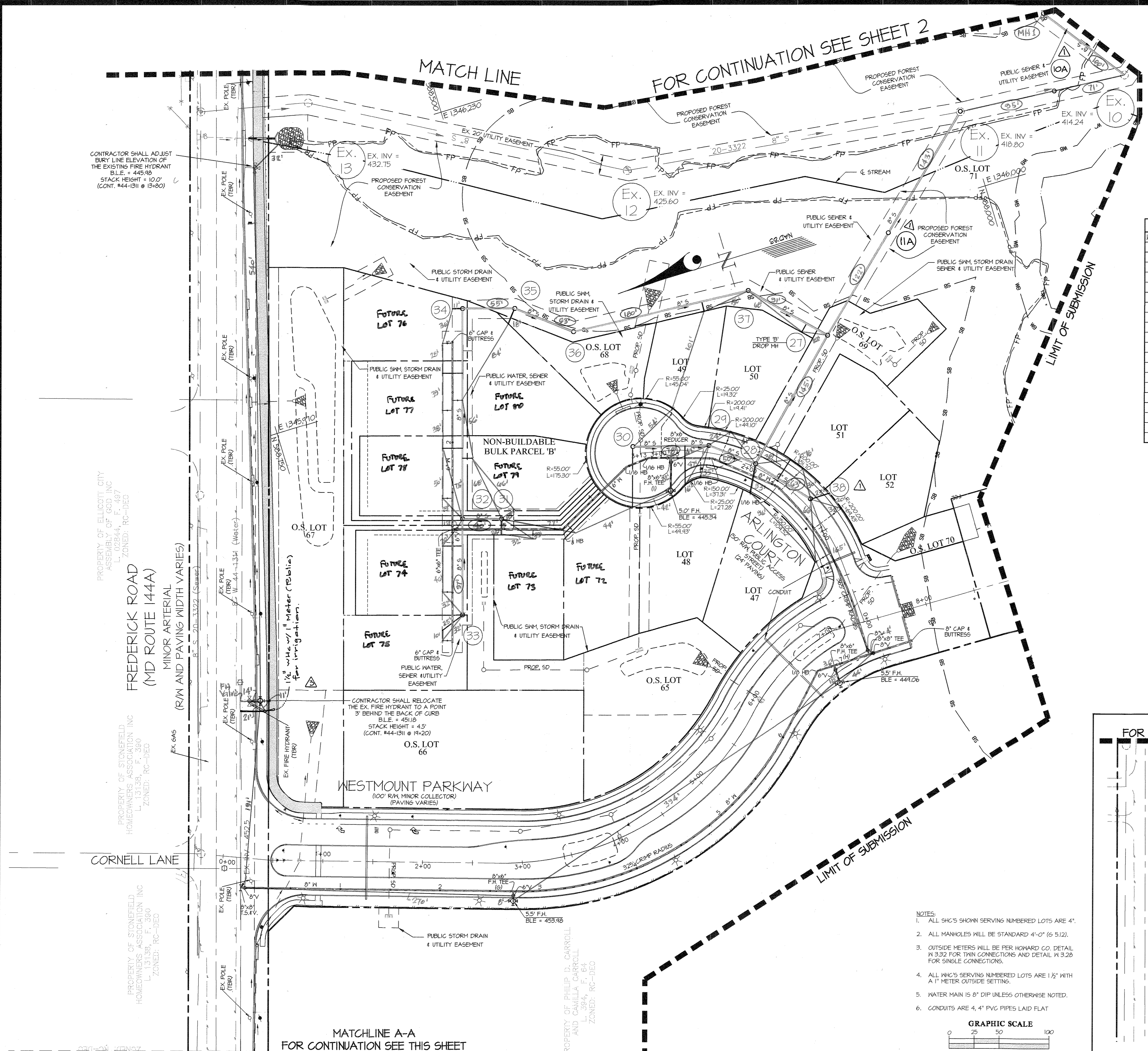
BY	NO	REVISION	DATE
34	1	Added w/hc for entry feature irrigation	11.17.17
34	2	Added water meter to lot 33, w/hc for lot 33	11.17.17

WATER and SEWER PLAN  
600' SCALE MAP NO. 23 BLOCK NO. 6 & 12

**WESTMOUNT**  
CONTRACT No. 24-4876-D  
PHASE 1  
CREDITED OPEN SPACE LOT 1,  
LOTS 3 THRU 52, OPEN SPACE LOTS 53 THRU 71  
AND NON-BUILDABLE BULK PARCELS 'B' AND 'C'  
HOWARD COUNTY, MARYLAND  
ELECTION DISTRICT No. 2

SCALE AS SHOWN  
SHEET 2 OF 6



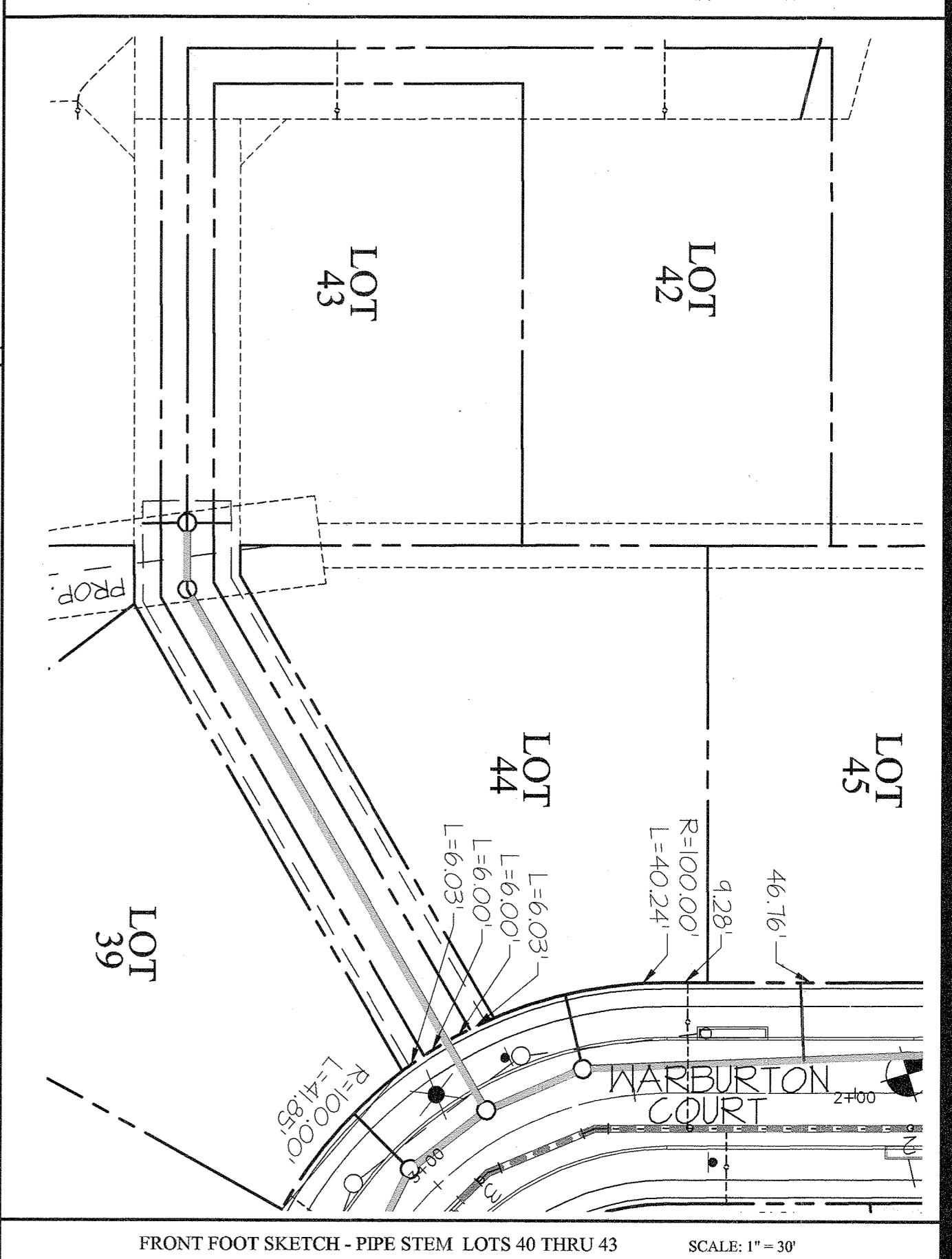
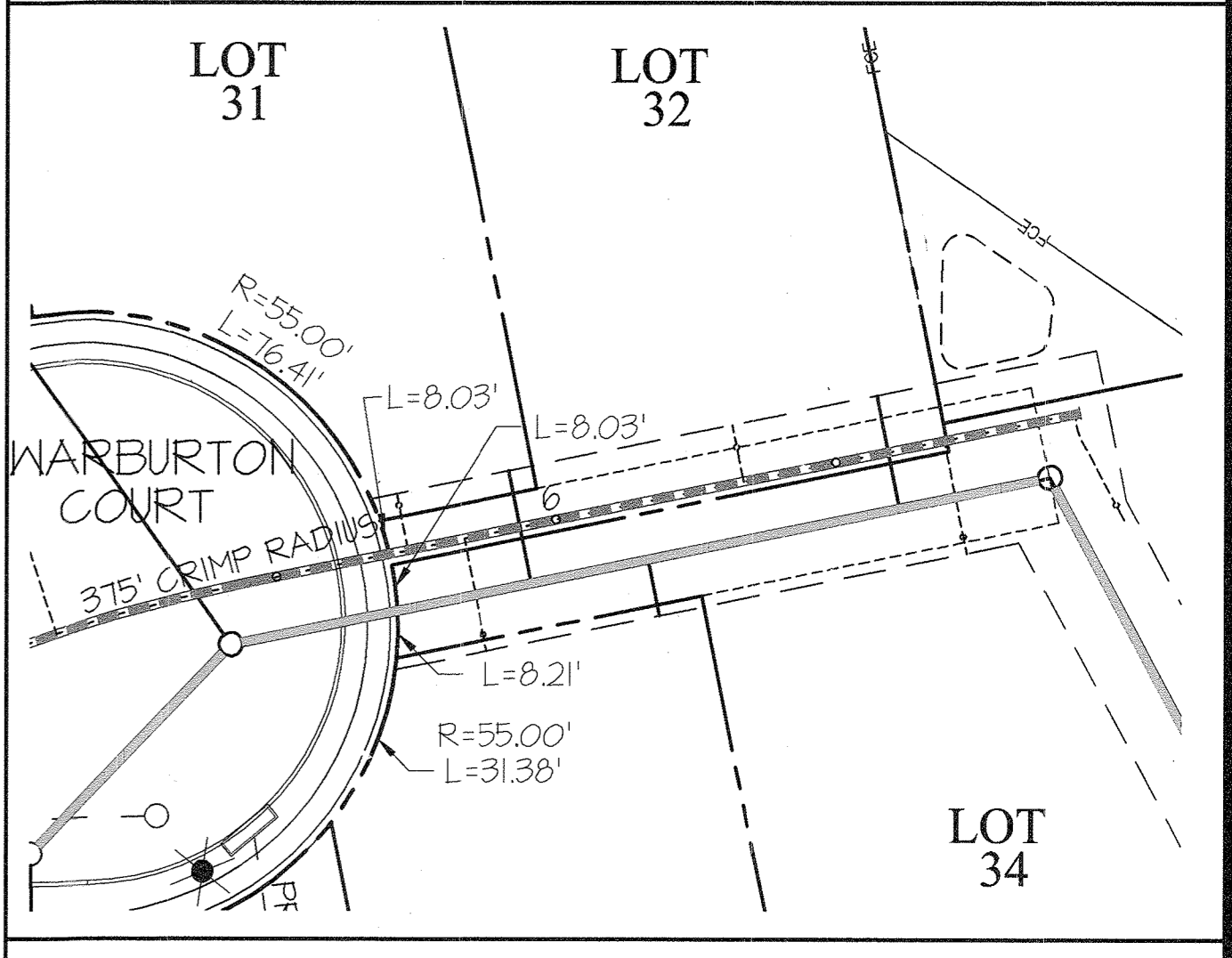
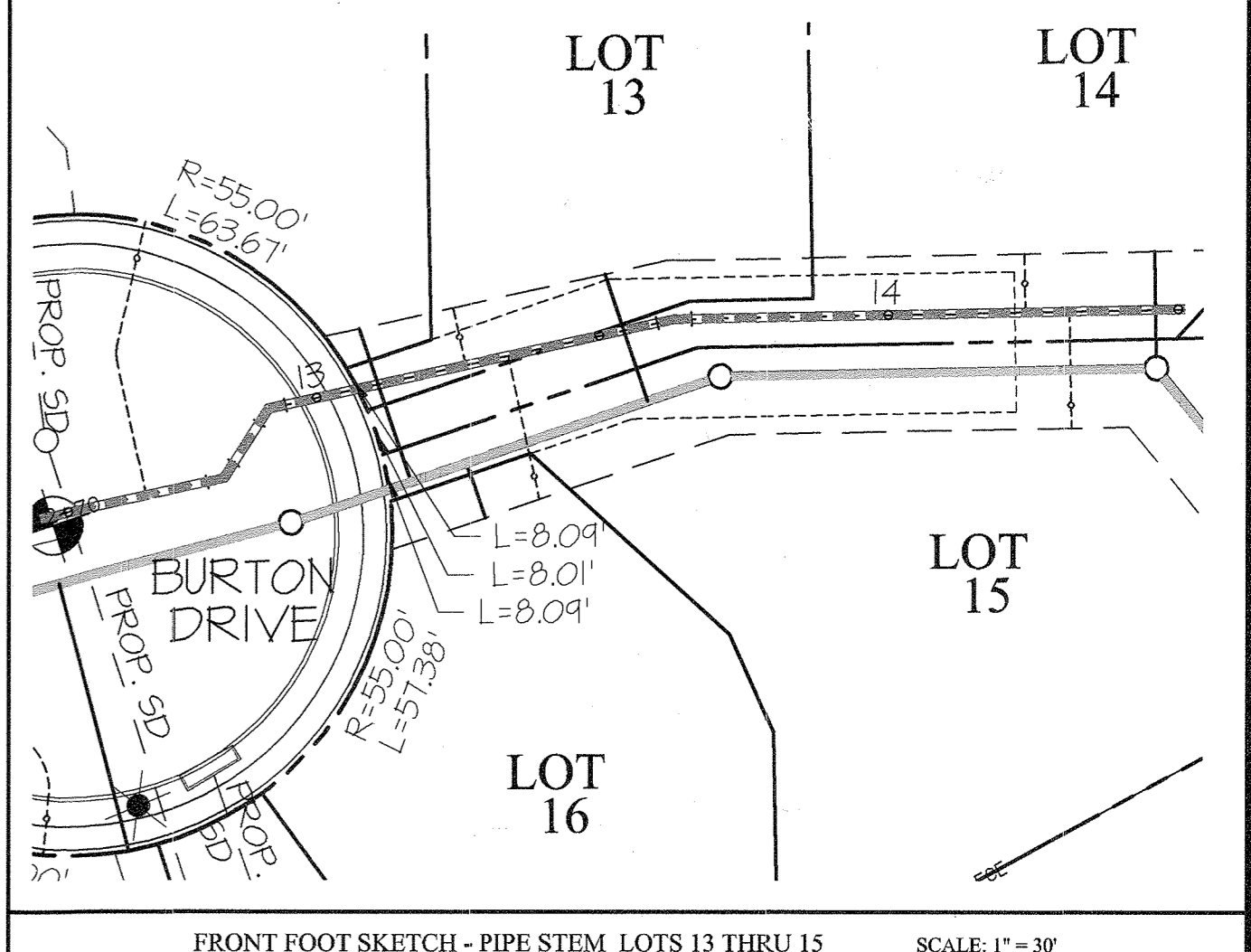
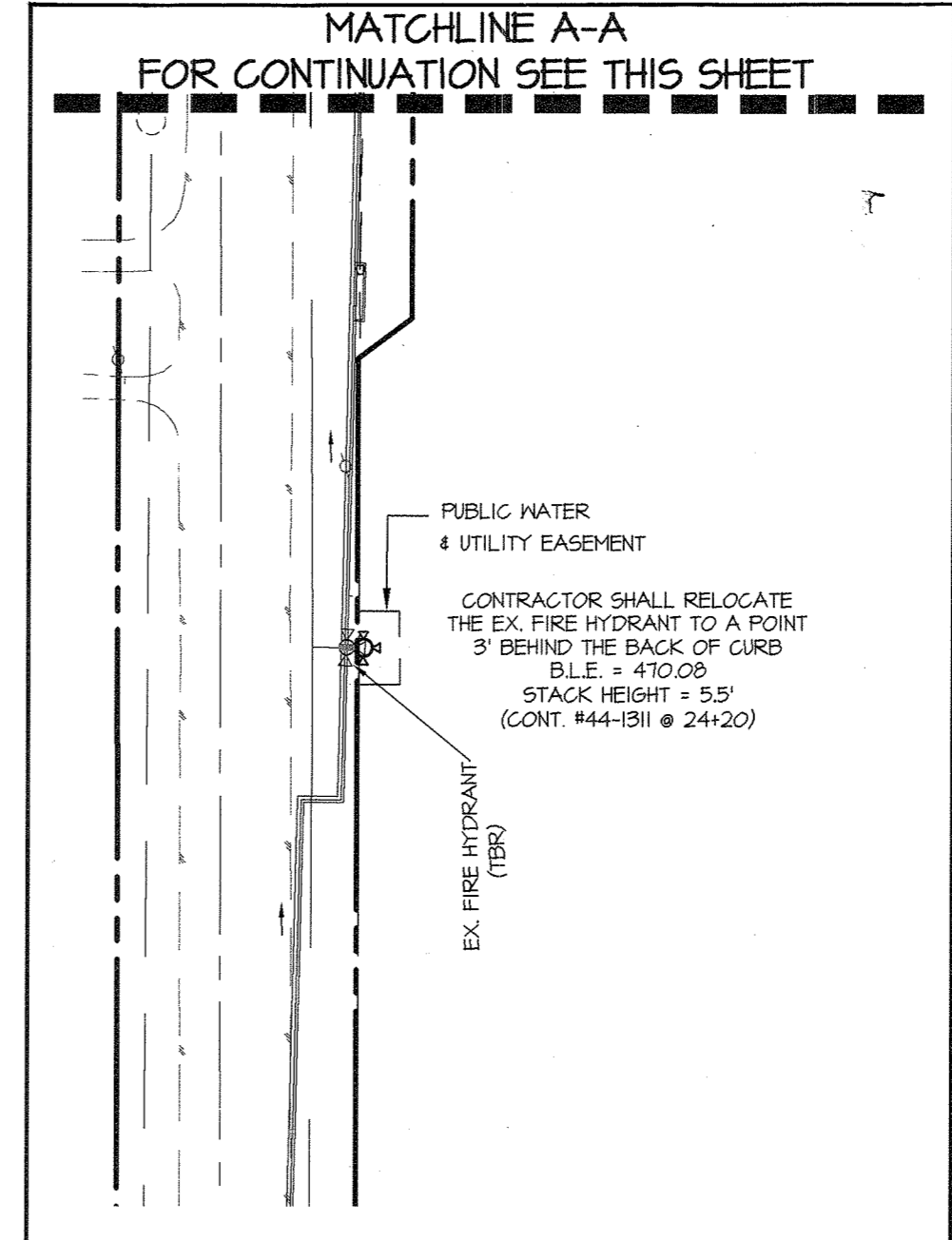


Note: Existing Manhole 11 to be removed and replaced in its current location.

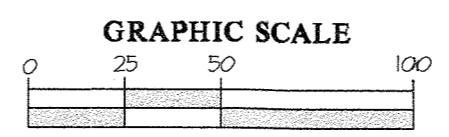
FITTING CHART			
MM STA.	FITTING	LOCATION	
WESTMOUNT PARKWAY			
0+00.00	8" x 8" TEE	N 588,917	E 1345,546
6+14.94	8" 1/8" HB	N 588,301	E 1345,586
7+24.00	8" x 8" TEE	N 588,247	E 1345,586
7+13.80	8" CAP	N 588,202	E 1345,587
ARLINGTON COURT			
0+00.00	8" x 8" TEE	N 588,241	E 1345,586
1+13.76	8" 1/8" HB	N 588,226	E 1345,774
2+64.98	8" 1/8" HB	N 588,341	E 1345,814
3+11.20	8" x 8" REDUCER	N 588,384	E 1345,833
3+26.45	8" 1/8" HB	N 588,402	E 1345,834
3+52.54	6" 1/8" HB	N 588,425	E 1345,837
4+41.36	6" 1/8" HB	N 588,504	E 1345,746
5+52.05	6" x 6" TEE	N 588,610	E 1345,828
NON-BUILDABLE BULK PARCEL 'B'			
0+00.00	6" CAP	N 588,643	E 1345,714
1+13.38	6" x 6" TEE	N 588,610	E 1345,828
3+01.08	6" CAP	N 588,556	E 1346,008

FIRE HYDRANT TEE INFORMATION	
FHT	LOCATION
(G)	N 588,657 E 1345,483
(H)	N 588,284 E 1345,586
(I)	N 588,380 E 1345,832

SEWER MANHOLE INFORMATION	
MH	LOCATION
27	N 588,185 E 1345,403
28	N 588,301 E 1345,802
29	N 588,340 E 1345,833
30	N 588,414 E 1345,854
31	N 588,560 E 1345,823
32	N 588,548 E 1345,835
33	N 588,625 E 1345,743
34	N 588,537 E 1346,036
35	N 588,487 E 1346,021
36	N 588,437 E 1345,981
37	N 588,258 E 1345,964
38	N 588,274 E 1345,752
11A	N 588,108 E 1345,983
10A	N 587,906 E 1346,071



- NOTES:
- ALL SHCS SHOWN SERVING NUMBERED LOTS ARE 4".
  - ALL MANHOLES WILL BE STANDARD 4'-0" (6 5/12).
  - OUTSIDE METERS WILL BE PER HOWARD CO. DETAIL H 3.32 FOR THIN CONNECTIONS AND DETAIL H 3.28 FOR SINGLE CONNECTIONS.
  - ALL PKCS SERVING NUMBERED LOTS ARE 1 1/2" WITH A 1" METER OUTSIDE SETTING.
  - WATER MAIN IS 8" DIP UNLESS OTHERWISE NOTED.
  - CONDUITS ARE 4, 4" PVC PIPES LAID FLAT.



DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND

**GLW** GUTSCHICK LITTLE & WEBER, P.A.  
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK  
BURTONSVILLE, MARYLAND, 20886  
TEL: 301-421-4024 FAX: 301-389-2524

DATE: JULY, 2016  
PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE PLANS 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. 12875, EXP. DATE: MAY 25, 2018

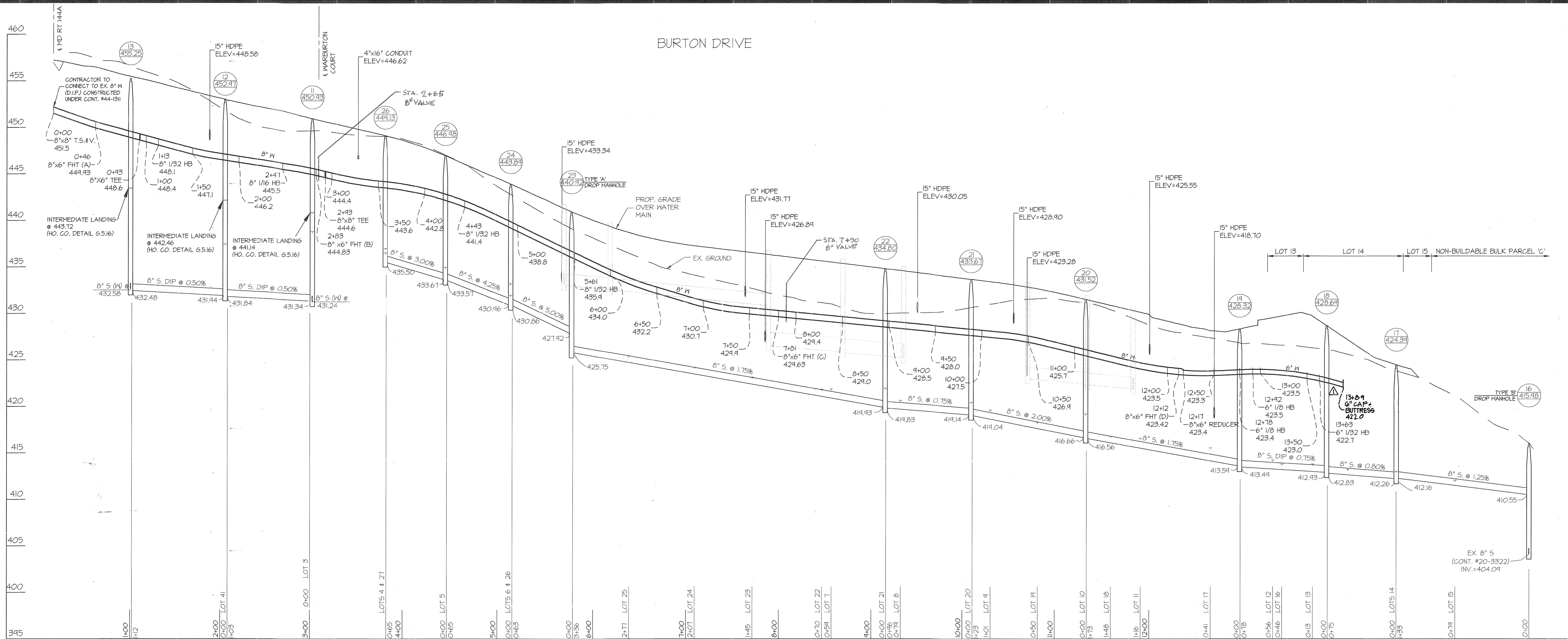
BY	NO	REVISION	DATE
34	1	Added note for entry feature irrigation	11-17-17
34	2	Added note manholes replacement note. Revised lot 27, 28, 11A & sewer house conn.	5-16-17

WATER and SEWER PLAN  
600' SCALE MAP NO. 23 BLOCK NO. 6 & 12

**WESTMOUNT**  
CONTRACT No. 24-4876-D  
PHASE 1  
CREDITED OPEN SPACE LOT 1, LOTS 3 THRU 52, OPEN SPACE LOTS 53 THRU 71 AND NON-BUILDABLE BULK PARCELS 'B' AND 'C'  
HOWARD COUNTY, MARYLAND  
ELECTION DISTRICT No. 2

SCALE AS SHOWN  
SHEET 3 OF 6





AS-BUILT INFORMATION											
LOT #	ADDRESS	WATER HOUSE CONNECTION AS BUILT		SEWER HOUSE CONNECTION AS BUILT		LOT #	ADDRESS	WATER HOUSE CONNECTION AS BUILT		SEWER HOUSE CONNECTION AS BUILT	
		LOCATION DIM. 1	LOCATION DIM. 2	LOCATION DIM. 1	LOCATION DIM. 2			LOCATION DIM. 1	LOCATION DIM. 2	LOCATION DIM. 1	LOCATION DIM. 2
3	BURTON DRIVE	MH 12 52'	SHC LOT 3 53'	MH 11 31'	WHC LOT 3 53'	28	WARBURTON COURT	MH 9 35'	SHC LOT 28 15'	MH 9 34'	WHC LOT 28 15'
4	BURTON DRIVE	MH 26 46'	SHC LOT 4 23'	MH 26 33'	WHC LOT 4 23'	29	WARBURTON COURT	MH 9 86'	MH 8 44'	MH 5 24'	WHC STA. 4+74 01'
5	BURTON DRIVE	MH 25 42'	SHC LOT 5 25'	MH 25 35'	WHC LOT 5 25'	30	WARBURTON COURT	EX. STA. 4+74 48'	SHC LOT 30 16'	EX. STA. 4+74 57'	WHC LOT 30 14'
6	BURTON DRIVE	MH 24 47'	SHC LOT 6 35'	MH 24 32'	WHC LOT 6 35'	31	WARBURTON COURT	MH 3 39'	SHC LOT 31 28'	MH 3 56'	WHC LOT 31 26'
7	BURTON DRIVE	MH 22 88'	SHC LOT 7 26'	MH 22 67'	WHC LOT 7 26'	32	WARBURTON COURT	MH 2 56'	SHC LOT 32 26'	MH 2 35'	WHC LOT 32 26'
8	BURTON DRIVE	MH 22 33'	SHC LOT 8 22'	MH 22 34'	WHC LOT 8 22'	33	WARBURTON COURT	MH 2 15'	WHC LOT 8 26'	MH 1 43'	SHC LOT 33 38'
9	BURTON DRIVE	MH 21 32'	SHC LOT 9 30'	MH 21 36'	WHC LOT 9 30'	34	WARBURTON COURT	MH 2 19'	WHC LOT 9 26'	MH 1 75'	SHC LOT 34 38'
10	BURTON DRIVE	MH 20 39'	SHC LOT 10 22'	MH 20 34'	WHC LOT 10 22'	35	WARBURTON COURT	MH 3 45'	SHC LOT 35 33'	MH 3 78'	WHC LOT 35 33'
11	BURTON DRIVE	MH 20 54'	SHC LOT 11 15'	MH 20 01'	WHC LOT 11 15'	36	WARBURTON COURT	MH 4 22'	SHC LOT 36 10'	MH 4 20'	WHC LOT 36 10'
12	BURTON DRIVE	MH 19 56'	SHC LOT 12 41'	MH 19 35'	WHC LOT 12 41'	37	WARBURTON COURT	MH 4 63'	SHC LOT 37 11'	MH 4 52'	WHC LOT 37 11'
13	BURTON DRIVE	MH 18 49'	SHC LOT 13 29'	MH 18 25'	WHC LOT 13 29'	38	WARBURTON COURT	MH 5 22'	SHC LOT 38 14'	MH 5 20'	WHC LOT 38 14'
14	BURTON DRIVE	MH 16 26'	SHC LOT 14 21'	MH 17 20'	WHC LOT 14 21'	39	WARBURTON COURT	MH 6 20'	SHC LOT 39 26'	MH 6 28'	WHC LOT 39 26'
15	BURTON DRIVE	MH 16 16'	WHC LOT 15 31'	MH 16 59'	MH 17 34'	40	WARBURTON COURT	MH 15A 28'	SHC LOT 40 35'	MH 15A 10'	WHC LOT 40 35'
16	BURTON DRIVE	MH 15 36'	SHC LOT 16 10'	MH 16 47'	WHC LOT 16 10'	41	WARBURTON COURT	MH 12 33'	SHC LOT 41 25'	MH 12 23'	WHC LOT 41 25'
17	BURTON DRIVE	MH 13 71'	SHC LOT 17 15'	MH 13 65'	WHC LOT 17 15'	42	WARBURTON COURT	MH 14 61'	SHC LOT 42 31'	MH 14 47'	WHC LOT 42 31'
18	BURTON DRIVE	MH 20 34'	SHC LOT 18 52'	MH 20 30'	WHC LOT 18 52'	43	WARBURTON COURT	MH 15A 114'	SHC LOT 43 35'	MH 15A 91'	WHC LOT 43 35'
19	BURTON DRIVE	MH 21 46'	SHC LOT 19 31'	MH 21 75'	WHC LOT 19 31'	44	WARBURTON COURT	MH 6 31'	SHC LOT 44 27'	MH 6 19'	WHC LOT 44 27'
20	BURTON DRIVE	MH 21 27'	SHC LOT 20 22'	MH 21 15'	WHC LOT 20 22'	45	WARBURTON COURT	MH 9 21'	SHC LOT 45 40'	MH 9 63'	WHC LOT 45 40'
21	BURTON DRIVE	MH 22 27'	SHC LOT 21 24'	MH 22 17'	WHC LOT 21 24'	46	WARBURTON COURT	MH 12 41'	MH 11 78'	MH 10 45'	MH 9 35'
22	BURTON DRIVE	MH 22 22'	SHC LOT 22 21'	MH 22 12'	WHC LOT 22 21'	47	ARLINGTON COURT	MH 3E 66'	SHC LOT 47 30'	MH 2E 33'	WHC LOT 47 30'
23	BURTON DRIVE	MH 22 162'	SHC LOT 23 16'	MH 22 147'	WHC LOT 23 16'	48	ARLINGTON COURT	MH 29 35'	SHC LOT 48 16'	MH 29 47'	WHC LOT 48 16'
24	BURTON DRIVE	MH 23 187'	SHC LOT 24 24'	MH 23 130'	WHC LOT 24 24'	49	ARLINGTON COURT	MH 30 54'	SHC LOT 49 101'	MH 37 50'	WHC LOT 49 101'
25	BURTON DRIVE	MH 23 48'	SHC LOT 25 15'	MH 23 62'	WHC LOT 25 15'	50	ARLINGTON COURT	MH 29 24'	MH 26 41'	MH 27 27'	MH 37 66'
26	BURTON DRIVE	MH 25 20'	SHC LOT 26 47'	MH 24 19'	WHC LOT 26 47'	51	ARLINGTON COURT	MH 38 30'	SHC LOT 51 16'	MH 26 38'	WHC LOT 51 16'
27	BURTON DRIVE	MH 10 37'	SHC LOT 27 60'	MH 26 19'	WHC LOT 27 60'	52	ARLINGTON COURT	MH 38 32'	SHC LOT 52 20'	MH 38 23'	WHC LOT 52 20'

MINIMUM CELLAR ELEVATIONS (M.C.E.)								
LOT	INV. @ MAIN/MH	INV. @ R/W	M.C.E.	LOT	INV. @ MAIN/MH	INV. @ R/W	M.C.E.	
3	438.03	438.65	442.85	28	433.23	433.83	438.13	
4	436.25	436.85	441.05	29	425.76	426.38	430.78	
5	434.19	434.79	438.99	30	424.75	426.09	430.39	
6	431.19	431.79	435.99	31	420.73	421.13	426.03	
7	421.09	421.71	426.01	32	417.80	418.20	422.50	
8	419.86	420.48	424.78	33	415.31	415.47	418.31	
9	418.81	419.43	423.63	34	415.78	415.98	420.08	
10	418.43	419.03	423.33	35	419.80	420.00	424.70	
11	415.75	416.41	420.81	36	425.18	425.50	429.80	
12	413.50	414.06	418.46	37	425.08	425.44	429.84	
13	413.18	413.64	418.04	38	424.25	424.57	434.27	
14	412.49	412.85	416.75	39	426.31	426.75	431.55	
15	411.68	411.88	416.08	40	428.22	428.38	432.78	
16	413.43	413.63	417.83	41	436.42	437.24	441.74	
17	414.44	415.38	419.68	42	433.53	433.70	437.40	
18	416.31	416.63	420.43	43	430.88	431.04	435.24	
19	417.79	418.13	422.33	44	430.36	430.66	435.16	
20	419.97	420.29	424.69	45	430.26	430.62	434.92	
21	421.48	421.80	426.10	46	430.81	431.11	435.41	
22	421.29	421.67	425.97	47	433.34	433.43	438.73	
23	422.60	422.98	427.28	48	432.75	433.53	438.03	
24	423.68	424.04	428.34	49	427.45	427.65	432.25	
25	424.91	425.25	429.55	50	426.44	426.64	430.94	
26	423.71	423.03	431.33	51	432.66	433.12	437.82	
27	436.04	436.36	440.86	52	433.43	433.75	437.45	

AS-BUILT INFORMATION (FUTURE LOTS)					
LOT #	ADDRESS	WATER HOUSE CONNECTION AS BUILT		SEWER HOUSE CONNECTION AS BUILT	
		LOCATION DIM. 1	LOCATION DIM. 2	LOCATION DIM. 1	LOCATION DIM. 2
72	ARLINGTON COURT	MH 31 77'	SHC LOT 72 44'	EX. STA. 5+11 48'	WHC LOT 72 44'
73	ARLINGTON COURT	MH 31 33'	SHC LOT 73 32'	MH 31 24'	WHC LOT 73 32'
74	ARLINGTON COURT	MH 33 32'	SHC LOT 74 46'	6" V. STA. 5+50 20'	WHC LOT 74 46'
75	ARLINGTON COURT	MH 33 32'	SHC LOT 75 16'	MH 33 25'	WHC LOT 75 10'
76	ARLINGTON COURT	SHC LOT 76 28'	SHC LOT 76 30'	MH 34 11'	WHC LOT 76 30'
77	ARLINGTON COURT	SHC LOT 77 30'	SHC LOT 78 38'	SHC LOT 76 28'	WHC LOT 77 30'
78	ARLINGTON COURT	MH 32 24'	SHC LOT 78 56'	MH 32 75'	WHC LOT 78 50'
79	ARLINGTON COURT	MH 31 15'	SHC LOT 79 66'	MH 31 68'	WHC LOT 79 66'
80	ARLINGTON COURT	SHC LOT 79 56'	SHC LOT 80 84'	MH 35 18'	SHC LOT 80 84'

MINIMUM CELLAR ELEVATIONS (M.C.E.) (FUTURE LOTS)								
LOT	INV. @ MAIN/MH	INV. @ R/W	M.C.E.	LOT	INV. @ MAIN/MH	INV. @ R/W	M.C.E.	
72	433.02	433.84	437.84	77	431.07	431.27	434.22	
73	433.10	433.35	437.45	78	431.82	432.02	434.47	
74	433.16	433.56	437.66	79	431.42	432.07	435.51	
75	434.83	435.24	434.34	80	424.35	424.50	432.80	
76	430.50	430.60	433.75					

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*S. C. Chen*  
CHIEF, BUREAU OF UTILITIES

DEPARTMENT OF PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND

*Chad E. ...*  
CHIEF, DEVELOPMENT ENGINEERING DIVISION

**GLW** GUTSCHICK LITTLE & WEBER, P.A.  
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
3909 NATIONAL DRIVE - SUITE 250 - BURTONVILLE OFFICE PARK  
BURTONVILLE, MARYLAND 20886  
TEL: 301-421-4024 FAX: 301-989-2524

DATE: JULY, 2016  
PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
G.L.W. No. 13013  
EXP. DATE: MAY 26, 2018

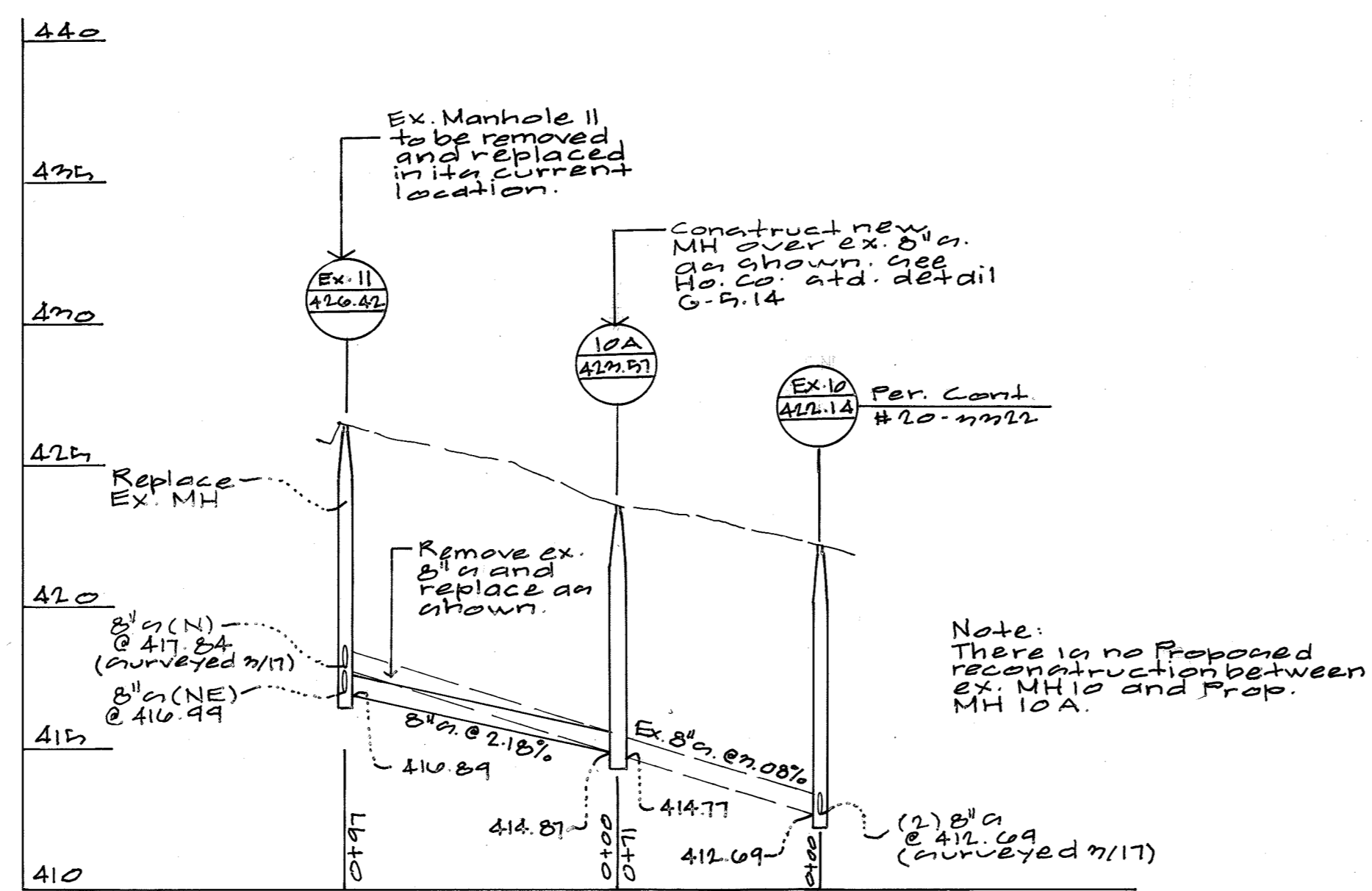
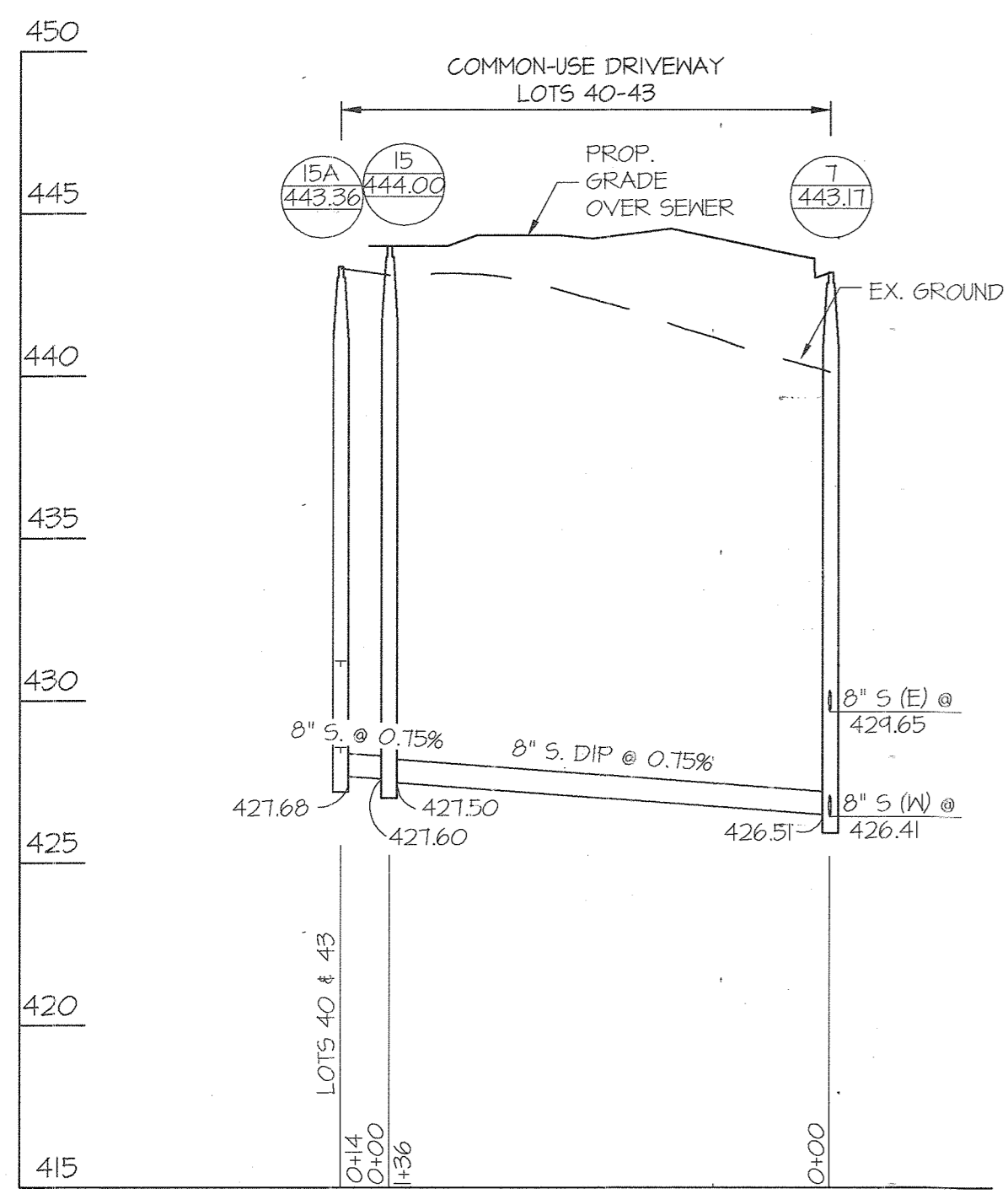
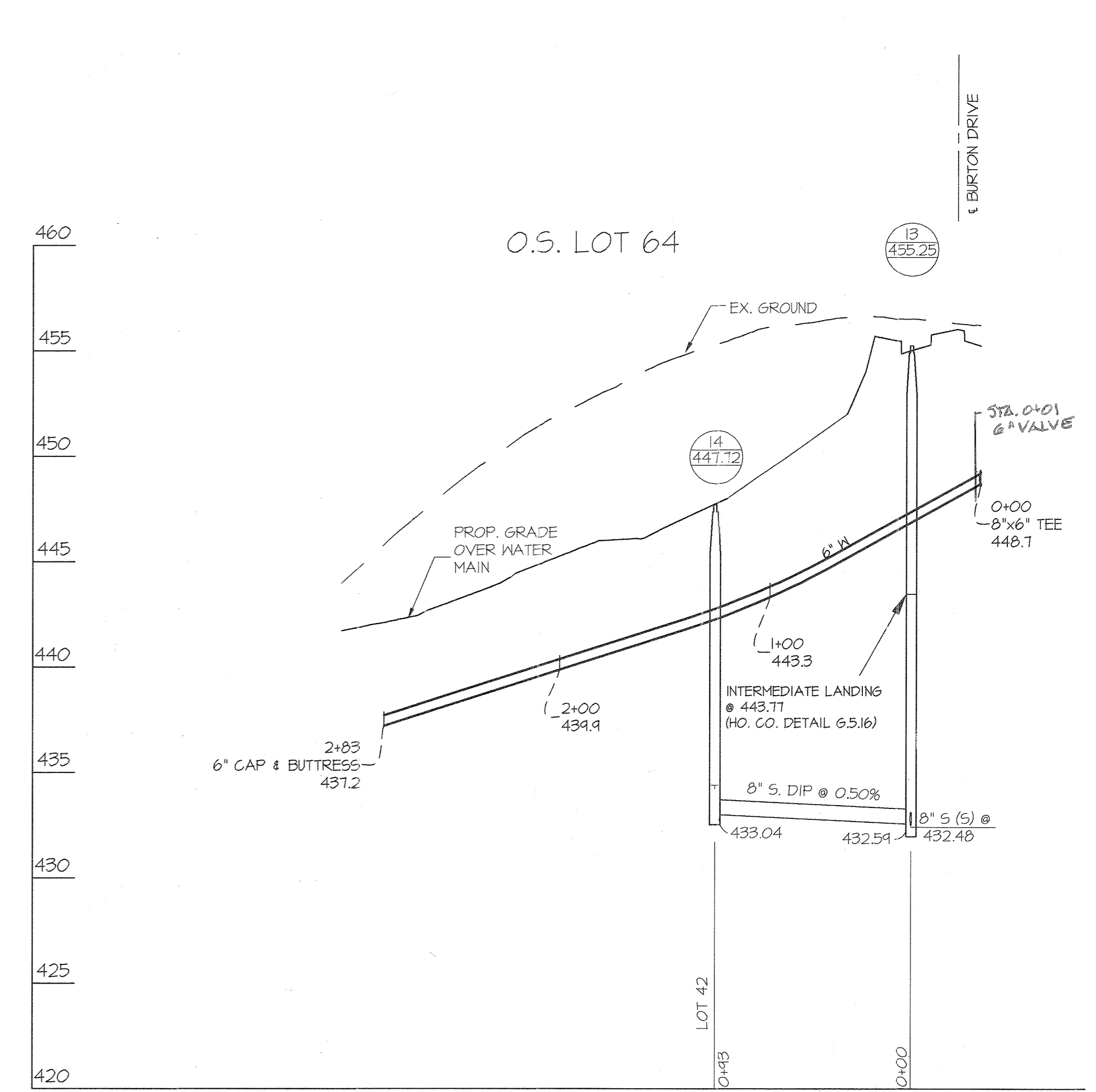
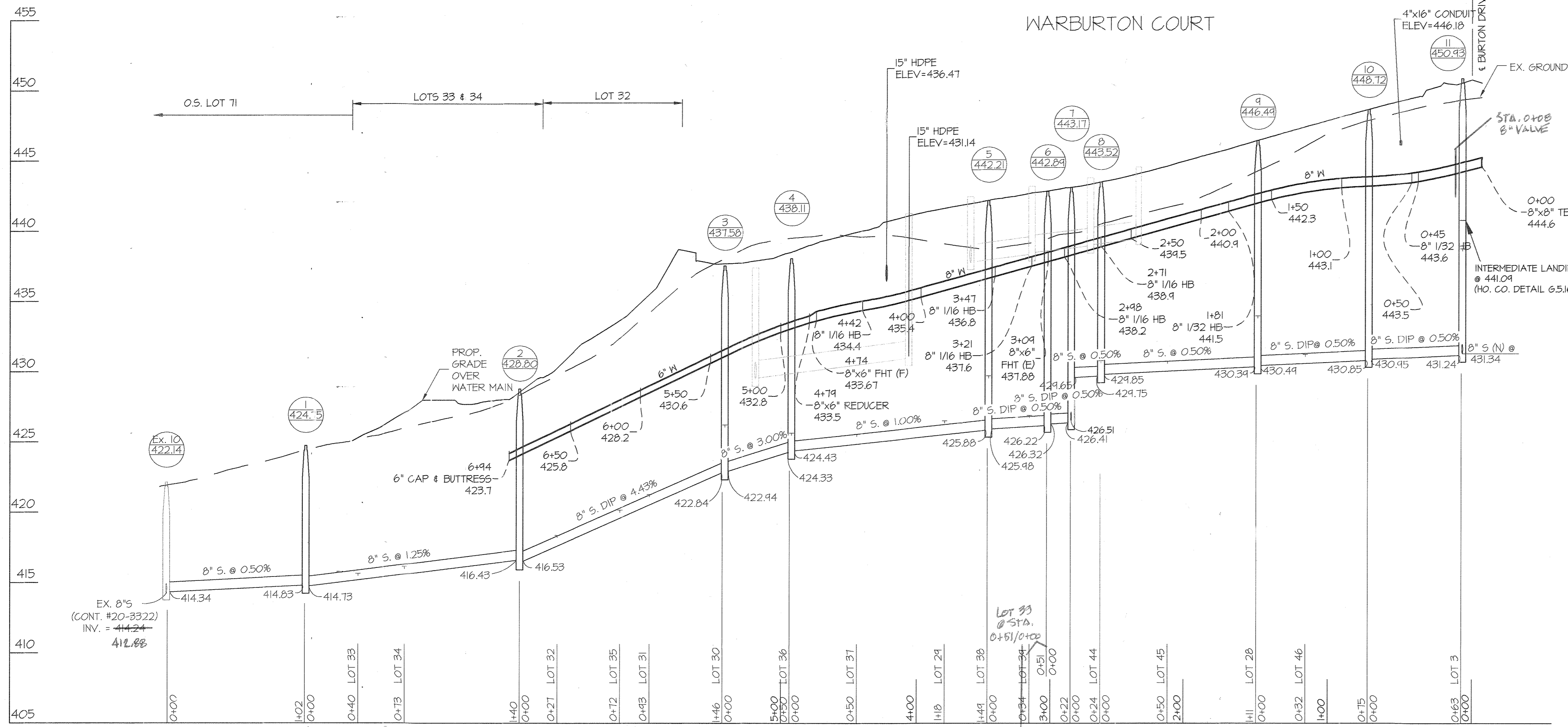
BY: *[Signature]*  
NO. 91  
REVISION: shorten waterline by 60', rev. whc loc. in lots 14 & rev. R/W in 20' & 11' & 17' easement.

WATER and SEWER PROFILES  
DATE: 4/1/17  
60' SCALE MAP NO. 23 BLOCK NO. 6 & 12

**WESTMOUNT**  
CONTRACT NO. 24-4876-D  
PHASE I  
CREDITED OPEN SPACE LOT 1,  
LOTS 3 THRU 52, OPEN SPACE LOTS 53 THRU 71  
AND NON-BUILDABLE BULK PARCELS 'B' AND 'C'  
HOWARD COUNTY, MARYLAND  
ELECTION DISTRICT No. 2

SCALE: HOR. 1"=50' VERT. 1"=5'  
SHEET 4 OF 6





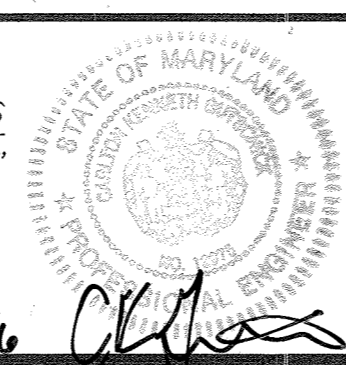
DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND

**GLW** GUTSCHICK LITTLE & WEBER, P.A.  
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
3909 NATIONAL DRIVE - SUITE 250 - BURTONTOWN, MARYLAND 20866  
TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

DATE: JULY, 2016  
G.L.W. No. 13013

PROFESSIONAL CERTIFICATION  
I HEREBY CERTIFY THAT THESE PLANS 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. 12975  
EXP. DATE: MAY 26, 2018

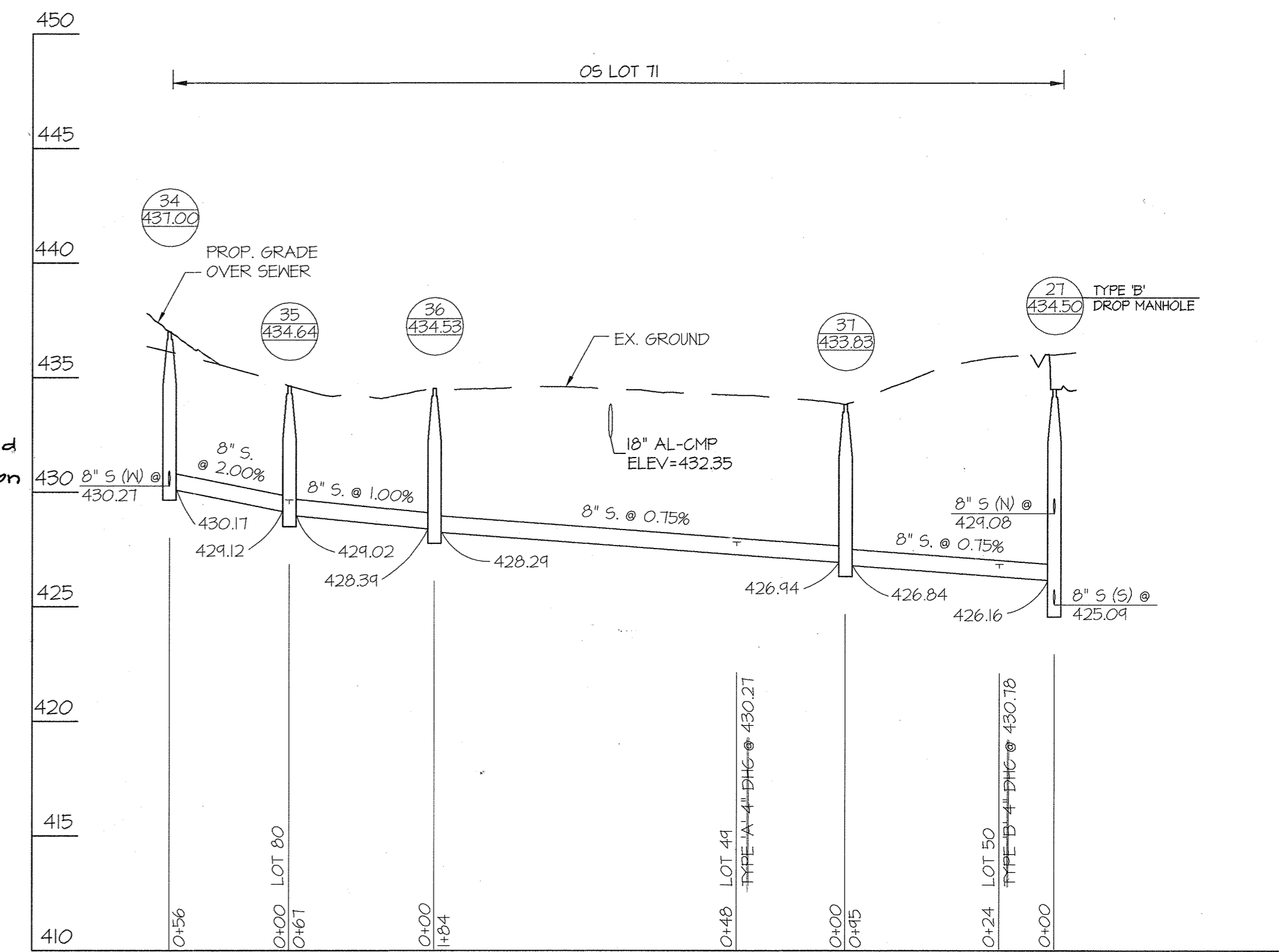
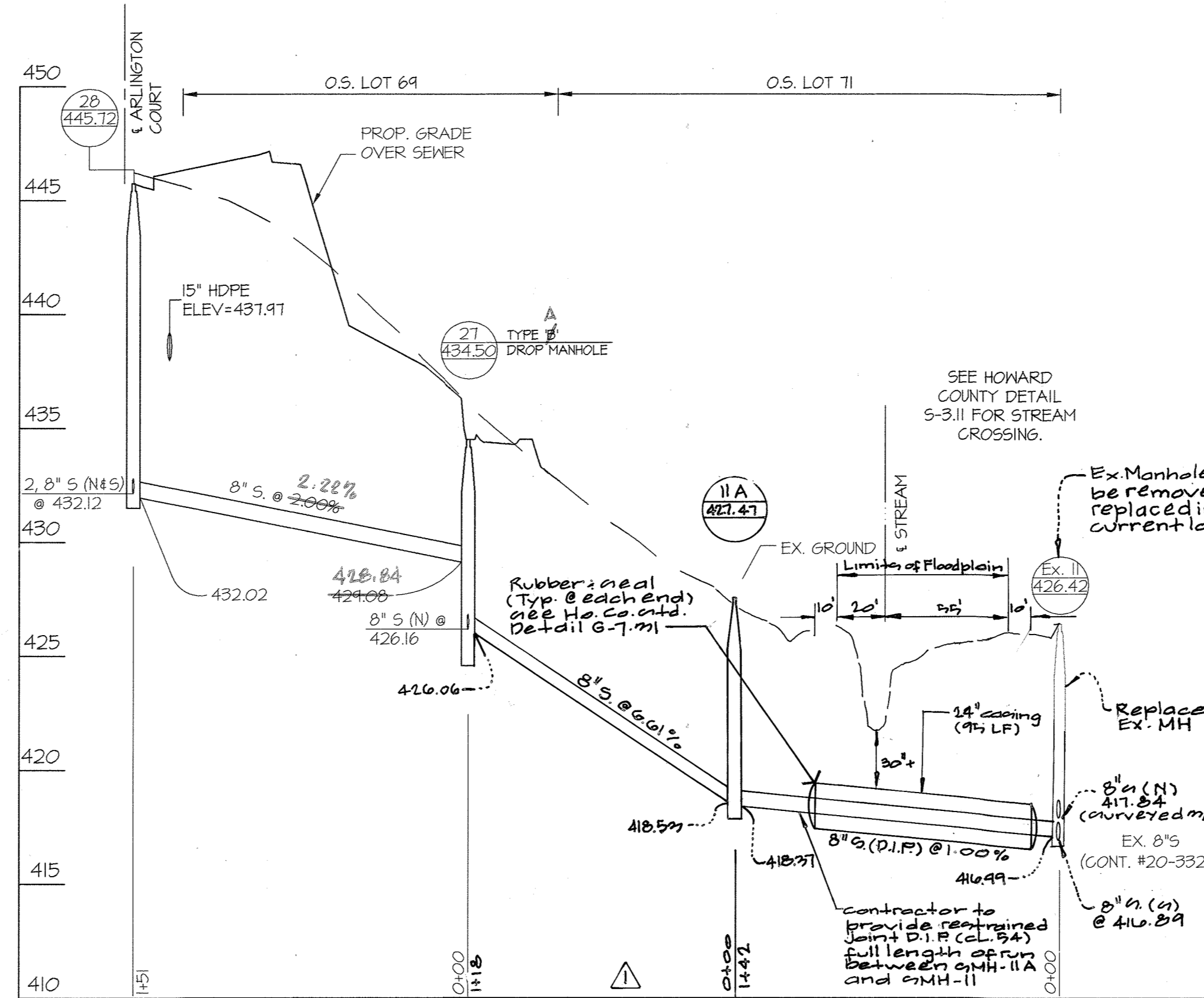
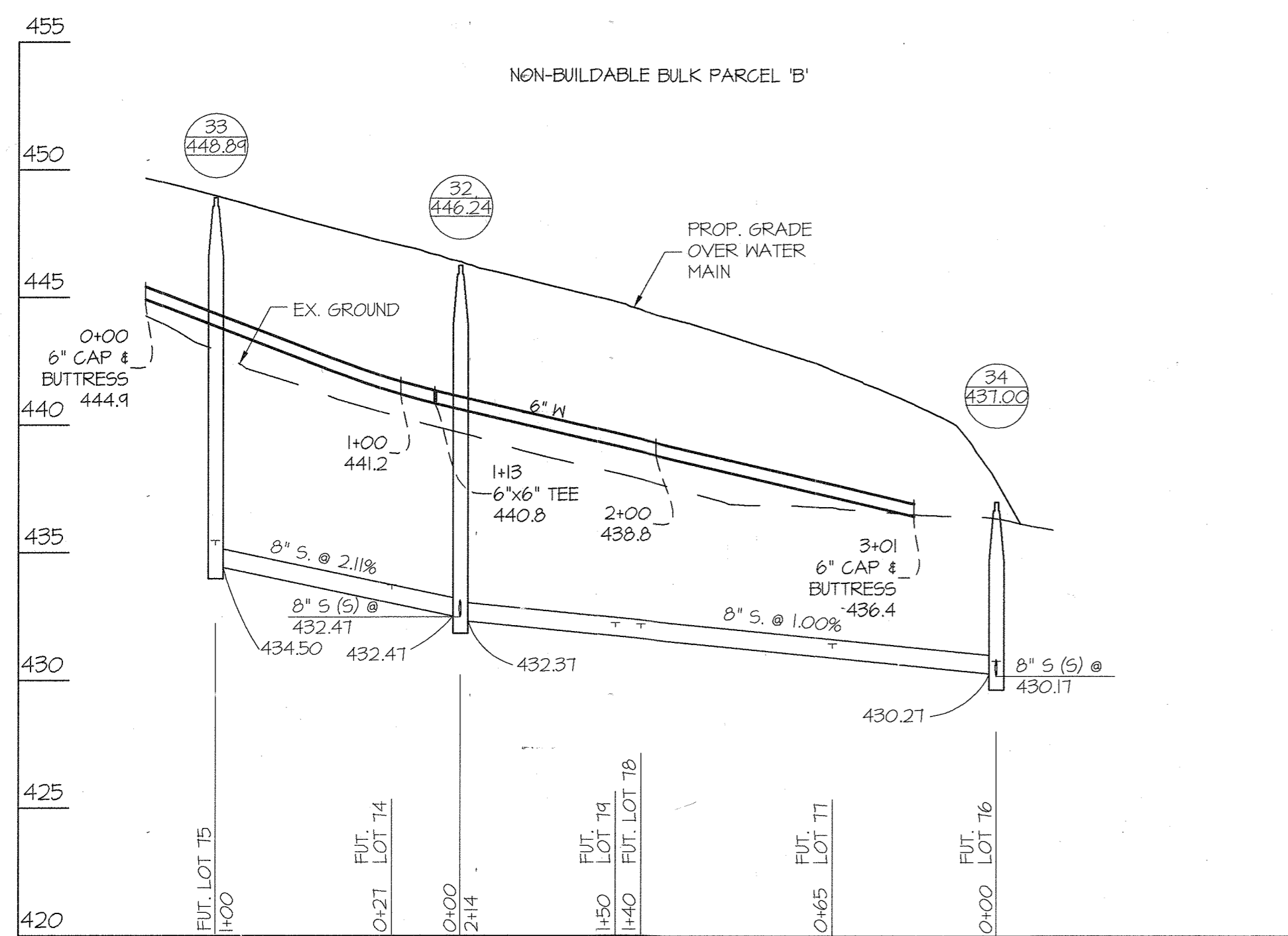
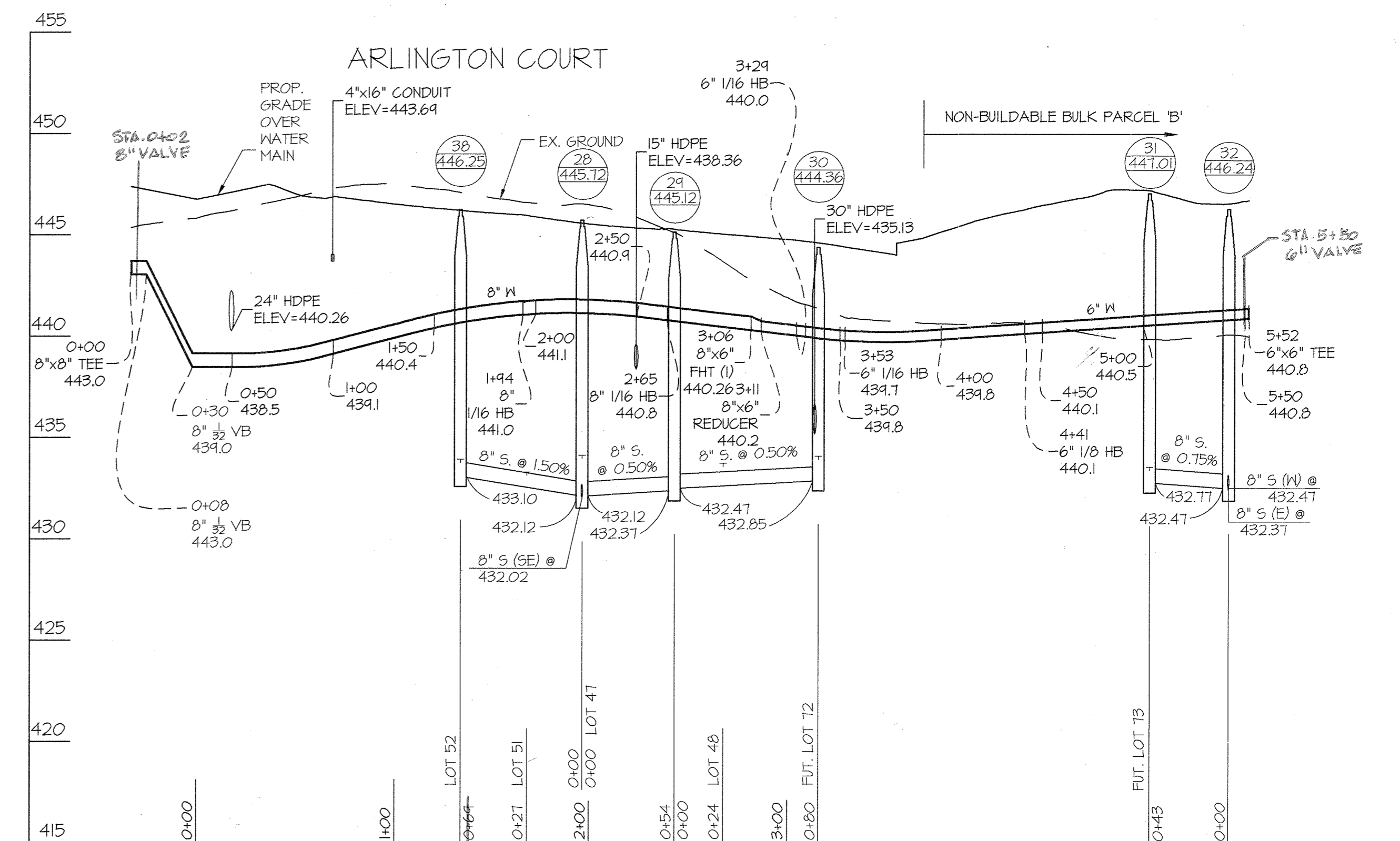
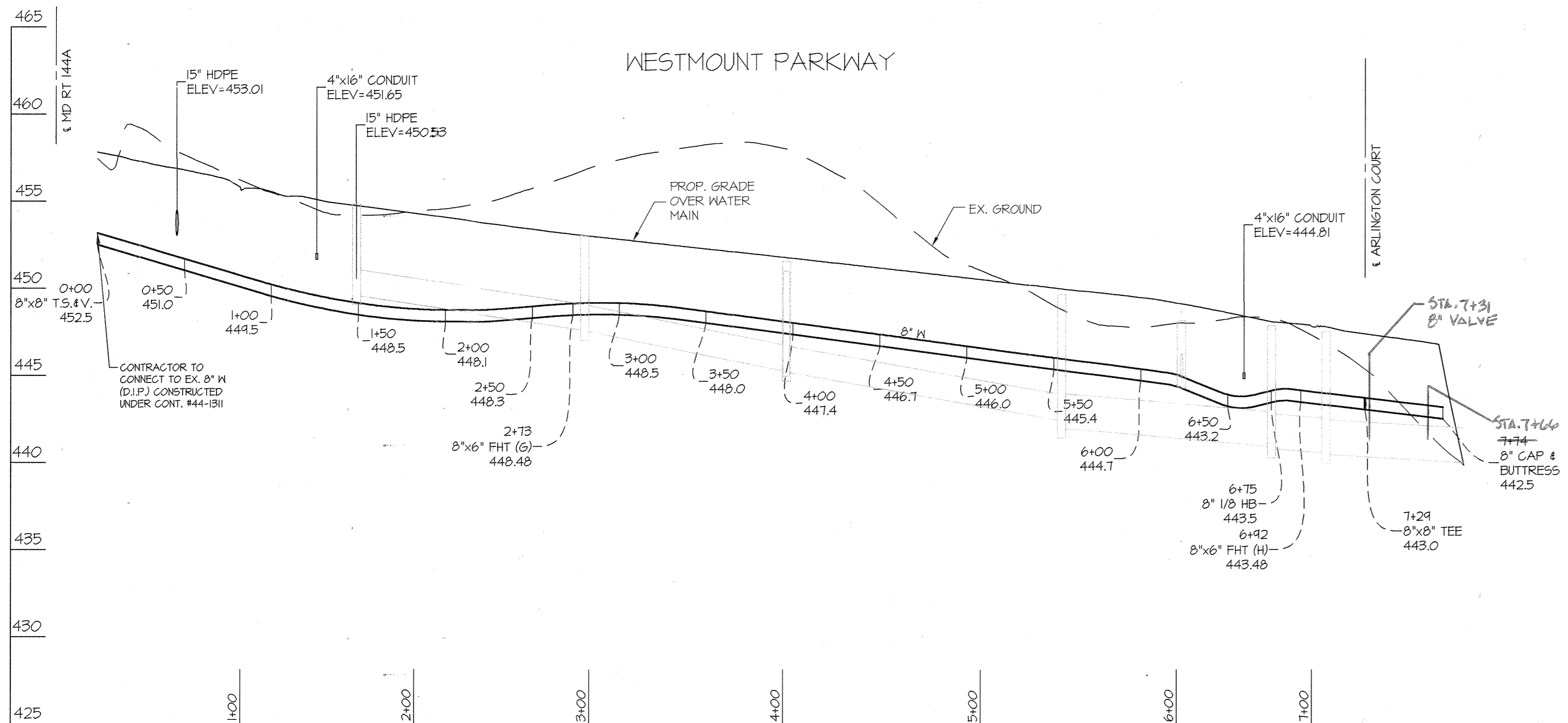


BY	NO	REVISION	DATE
31	Δ	Added Ex. sewer run due to revision and doghouse manhole	5.26.17

WATER and SEWER PROFILES  
600' SCALE MAP NO. 23 BLOCK NO. 6 & 12

**WESTMOUNT**  
CONTRACT No. 24-4876-D  
PHASE I  
CREDITED OPEN SPACE LOT 1,  
LOTS 3 THRU 52, OPEN SPACE LOTS 53 THRU 71  
AND NON-BUILDABLE BULK PARCELS 'B' AND 'C'  
HOWARD COUNTY, MARYLAND  
ELECTION DISTRICT No. 2

SCALE: HOR. 1"=50' VERT. 1"=5'  
SHEET 5 OF 6



DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*Silva C. Cain*  
CHIEF, BUREAU OF UTILITIES

DEPARTMENT OF PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND

*Paul Chubb*  
CHIEF, DEVELOPMENT ENGINEERING DIVISION

8-19-16  
DATE

**GLW** GUTSCHICK LITTLE & WEBER, P.A.  
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK  
BURTONSVILLE, MARYLAND 20886  
TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

DES. JRD DRN. JRD CHK. DEV

DATE  
JULY, 2016

G.L.W. No.  
13013

PROFESSIONAL CERTIFICATION  
I HEREBY CERTIFY THAT THESE PLANS 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. 12975  
EXP. DATE: MAY 26, 2018

*Therese*  
Professional Engineer

BY	NO	REVISION	DATE
		Revised sewer run	5-20-17

WATER and SEWER PROFILES

600' SCALE MAP NO. 23 BLOCK NO. 6 & 12

**WESTMOUNT**  
CONTRACT No. 24-4876-D  
PHASE I  
CREDITED OPEN SPACE LOT 1,  
LOTS 3 THRU 52, OPEN SPACE LOTS 53 THRU 71  
AND NON-BUILDABLE BULK PARCELS 'B' AND 'C'  
HOWARD COUNTY, MARYLAND  
ELECTION DISTRICT No. 2

SCALE  
HOR. 1"=50'  
VERT. 1"=5'

SHEET  
6 OF 6