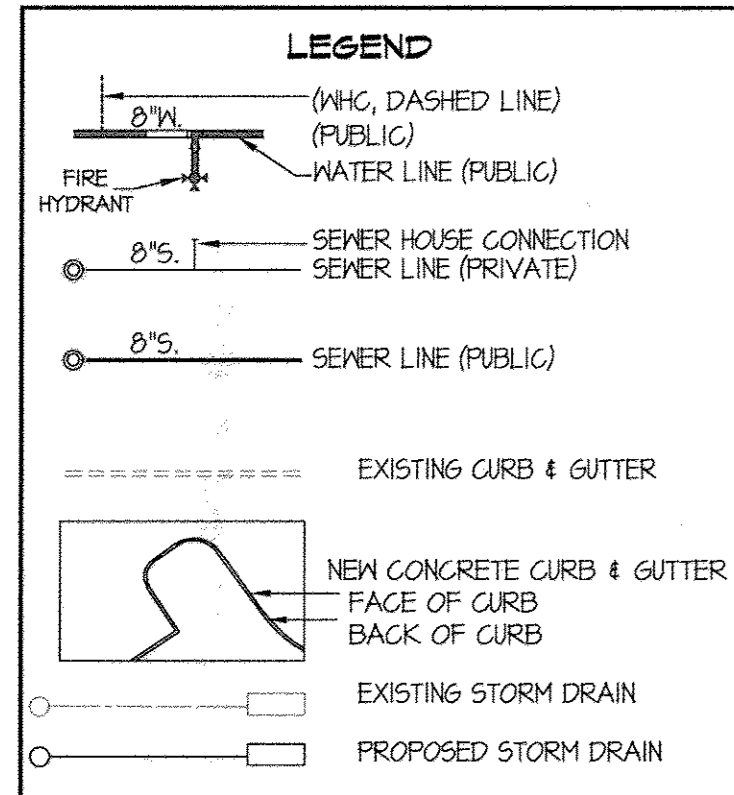


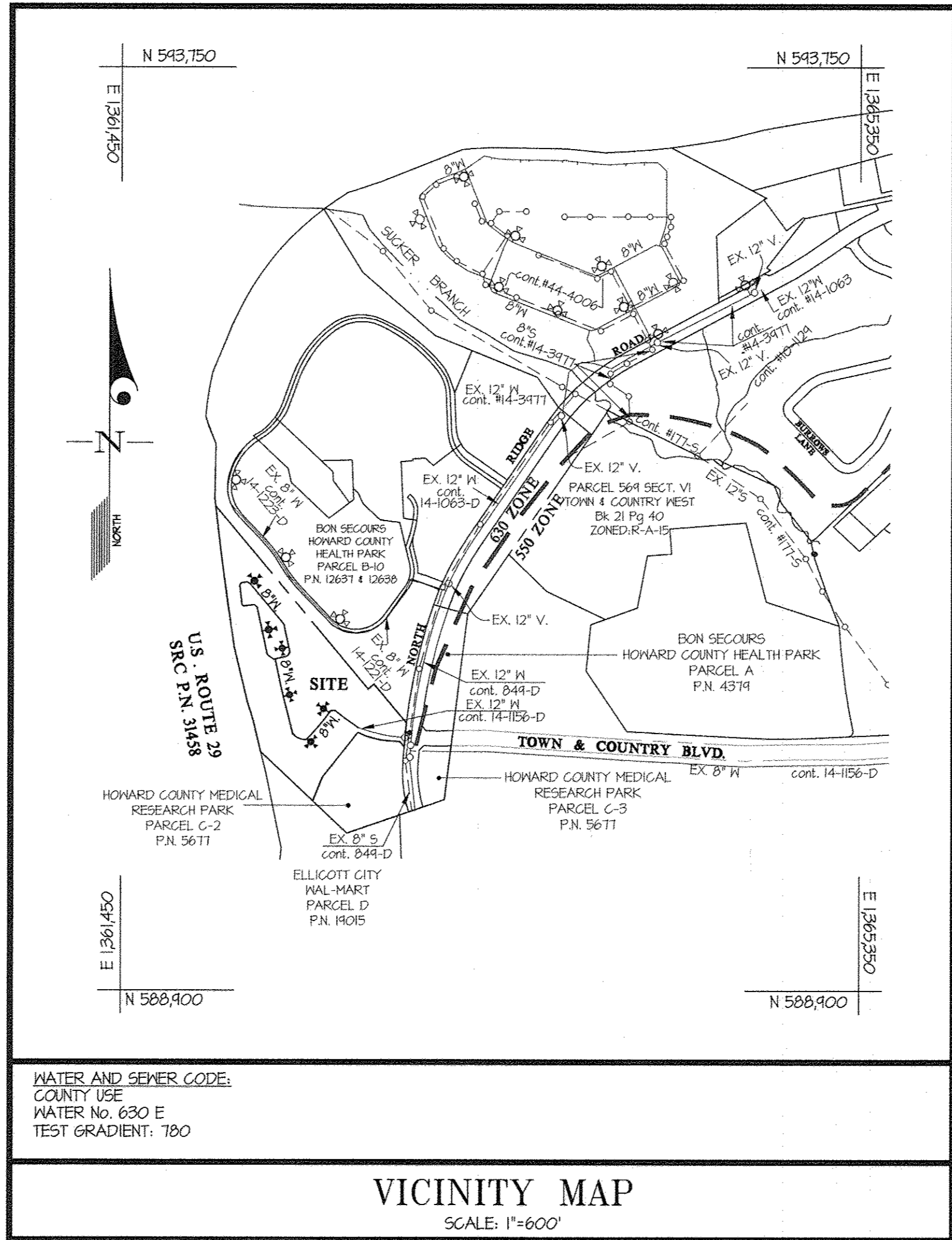
ITEMS	QUANTITIES ESTIMATED	AS-BUILT		MANUFACTURER / SUPPLIER
		QUANTITIES	TYPE	
12" x 8" REDUCER	1 EA.	1 EA.		GRIFFIN PIPE PRODUCTS
6" WATER MAIN	144 L.F.	201.5 L.F.		"
8" WATER MAIN	2,056 L.F.	2,051.5 L.F.		GRIFFIN PIPE PRODUCTS
1 1/2" WATER (WHC)	355 L.F.	450.5 L.F.		MUELLER INDUSTRIES
2" WATER (WHC)	10 L.F.	0 L.F.		
8" 1/8 HB.	13 EA.	15 EA.		GRIFFIN PIPE PRODUCTS
8" 1/16 HB.	6 EA.	6 EA.		GRIFFIN PIPE PRODUCTS
8" 1/32 HB.	2 EA.	2 EA.		GRIFFIN PIPE PRODUCTS
8" V.	3 EA.	3 EA.		MUELLER COMPANY
6" V.	4 EA.	10 EA.		MUELLER COMPANY
6" 1/8 H.B.	2 EA.	2 EA.		GRIFFIN PIPE PRODUCTS
8" x 8" TEE	3 EA.	3 EA.		"
8" x 6" TEE	3 EA.	3 EA.		"
8" x 6" F.H.T.	6 EA.	6 EA.		GRIFFIN PIPE PRODUCTS
FIRE HYDRANTS	6 EA.	6 EA.		MUELLER COMPANY
CONTINUITY TEST STATIONS	6 EA.	6 EA.		VESTAL MANUFACTURING
4" SEWER MANHOLE	1 EA.	1 EA.		ATLANTIC
8" SEWER MAIN	8 L.F.	8 L.F.		NORTH AMERICAN PIPE

NAME OF UTILITY CONTRACTOR: **MILFORD CONSTRUCTION CO.**

SURVEY AND DRAFTING DIV. CHECKBOX: AS-BUILT DATE: **10/25/13**



SHEET INDEX	
1.	COVER SHEET
2.	WATER & SEWER EXTENSION PLAN
3.	WATER & SEWER PROFILES



SHC	PULL #1	PULL #2	PULL #3
LOT 24	20.5' TO LOT 23 SHC	63.5' TO SMH-67	12.5' TO LOT 24 WHC
LOT 25	38' TO LOT 24 WHC	62' TO I-12	11.5' TO LOT 25 WHC
LOT 26	11' TO LOT 25 WHC	55.5' TO I-12	26.5' TO LOT 27 WHC
LOT 27	13' TO LOT 27 WHC	13' TO LOT 28 SHC	43' TO SMH-64
LOT 28	13' TO LOT 27 SHC	34.5' TO SMH-64	14.5' TO LOT 28 WHC
LOT 29	6' TO LOT 29 WHC	19' TO FH (STA. 5+09)	29.5' TO SMH-64
LOT 30	16' TO LOT 29 WHC	28' TO SMH-65	16' TO LOT 31 WHC
LOT 31	6.5' TO LOT 31 WHC	24' TO SMH-65	10' TO LOT 32 SHC
LOT 32	19' TO LOT 31 SHC	26.5' TO SMH-65	39' TO SMH-15
LOT 33	7' TO LOT 33 WHC	27.5' TO SMH-67	78.5' TO I-12
LOT 34	12' TO LOT 33 WHC	32.5' TO SMH-67	28' TO LOT 35 SHC
LOT 35	28' TO LOT 34 SHC	50.5' TO I-50	105' TO LOT 35 WHC
LOT 36	19' TO LOT 35 WHC	70.6' FH V (STA. 8+29)	47.5' TO FH (STA. 8+29)
LOT 37	26' TO FH (STA. 8+29)	41' TO FH (STA. 8+29)	115' TO LOT 37 WHC
LOT 38	13.5' TO LOT 37 WHC	49' TO FH (STA. 8+29)	27.5' TO LOT 38 SHC
LOT 39	27.5' TO LOT 38 SHC	10' TO LOT 39 WHC	42.5' TO I-54
LOT 40	10' TO LOT 39 WHC	40' TO SMH-66	32.5' TO LOT 41 SHC
LOT 41	32.5' TO LOT 40 SHC	26.5' TO SMH-66	13' TO LOT 42 SHC
LOT 42	13' TO LOT 41 SHC	25' TO SMH-66	7' TO LOT 42 WHC
LOT 43	47' TO I-54 (STA. 8+57)	16' TO LOT 43 WHC	41.5' TO LOT 43 SHC
LOT 44	2' TO LOT 43 WHC	41.5' TO LOT 43 SHC	30' TO LOT 44 SHC
LOT 45	30' TO LOT 44 SHC	42' TO LOT 44 WHC	17' TO LOT 45 WHC
LOT 46	13' TO LOT 45 WHC	43.5' TO LOT 45 SHC	79.5' TO FH (STA. 6+55)
AFT BUILDING 1	37' TO SMH-58	179.5' TO I-23	23' TO AFT BUILDING 1 WHC
AFT BUILDING 2	54.5' TO SMH-60	68' TO SMH-35	24' TO AFT BUILDING 2 WHC
AFT BUILDING 3	54.5' TO SMH-57	95' TO FH (STA. 6+55)	27.5' TO AFT BUILDING 3 WHC

SHC	PULL #1	PULL #2	PULL #3
LOT 1	0.8' TO SMH-50	13' TO LOT 1/2 WHC	30.5' TO SMH-51
LOT 2	16.5' TO SMH-50	11.5' TO LOT 1/2 WHC	33' TO LOT 3 SHC
LOT 3	33' TO LOT 2 SHC	37' TO SMH-51	11.5' TO LOT 3 WHC
LOT 4	12' TO LOT 3 WHC	85' TO SMH-51	83.5' TO LOT 5 SHC
LOT 5	83.5' TO LOT 4 SHC	13' TO LOT 5 WHC	16.5' TO SMH-52
LOT 6	11.5' TO LOT 5 WHC	30.5' TO SMH-52	18' TO LOT 6 WHC
LOT 7	11' TO LOT 6 WHC	35.5' TO LOT 8 SHC	51.5' TO SMH-53
LOT 8	55.5' TO LOT 7 SHC	8.5' TO LOT 8 WHC	21' TO SMH-53
LOT 9	11' TO LOT 8 WHC	16.5' TO SMH-53	
LOT 10	11' TO LOT 10 WHC	40.5' TO LOT 45 WHC	45.5' TO LOT 12 SHC
LOT 11	32.5' TO LOT 10 WHC	42.5' TO LOT 45 SHC	27.5' TO LOT 12 SHC
LOT 12	27.5' TO LOT 11 SHC	6.5' TO LOT 12 WHC	40' TO LOT 13 WHC
LOT 13	24.5' TO LOT 12 WHC	41.5' TO LOT 43 SHC	48.5' TO LOT 13 WHC
LOT 14	7.5' TO LOT 13 WHC	41.5' TO FH (STA. 1+15)	25.5' TO SMH-62
LOT 15	25' TO LOT 14 SHC	8' TO LOT 14 WHC	13' TO FH (STA. 1+15)
LOT 16	25' TO LOT 15 SHC	22.5' TO FH (STA. 1+15)	115' TO LOT 16 WHC
LOT 17	11' TO LOT 16 WHC	58.5' TO FH (STA. 1+15)	28.5' TO LOT 18 SHC
LOT 18	28.5' TO LOT 17 SHC	28.5' TO FH (STA. 1+15)	81' TO LOT 18 WHC
LOT 19	25' TO LOT 18 WHC	25' TO I-11	52.5' TO LOT 20 SHC
LOT 20	25' TO LOT 20 WHC	46' TO I-11	52.5' TO LOT 20 SHC
LOT 21	11.5' TO LOT 20 WHC	46' TO I-11	42.5' TO LOT 22 SHC
LOT 22	42.5' TO LOT 21 SHC	8' TO LOT 22 WHC	76' TO SMH-67
LOT 23	13' TO LOT 22 WHC	66.5' TO SMH-67	20.5' TO LOT 24 SHC

**GENERAL NOTES**

**PART I**

A. 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.

B. EXISTING TOPOGRAPHY AND FEATURES COMPILED FROM PHOTOGRAMMETRIC BY MCKENZIE SYNDER, INC. (MARCH 2011), PUBLIC INFORMATION AND SLN SURVEY DONE IN NOVEMBER, 2011.

C. THE COORDINATES SHOWN ON THE DRAWINGS ARE BASED ON MARYLAND STATE REFERENCE SYSTEM NAD 83/11 AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 171B AND NO. 171C.

D. ALL VERTICAL CONTROLS ARE BASED ON NAVD83. VERTICAL CONTROLS PROVIDED ON THE DRAWINGS ARE HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 171B AND NO. 171C.

E. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS UNLESS OTHERWISE NOTED ON THE PLANS.

F. 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 BY THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO SCHEDULE THE BRACING OF THE POLES.

G. 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.

H. WHERE TEST PITS HAVE BEEN MADE ON EXISTING UTILITIES, THEY ARE NOTED BY THE SYMBOL (P) 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.

I. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:

AT & T	1-800-252-4133
BGE (CONSTRUCTION SERVICES)	410-850-4620
BGE (EMERGENCY)	410-685-1400
BUREAU OF UTILITIES	410-318-4400
COLONIAL FIRELINE COMPANY	410-385-1390
MS&U	1-800-251-7111
STATE HIGHWAY ADMINISTRATION	410-591-5523
VERIZON	1-800-743-0033/410-224-4210

J. 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.

K. 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.

L. THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, AT (410)318-7450 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 DPM REQUIREMENTS PER SECTION 1014(A) OF THE HOWARD COUNTY CODE.

**PART II - WATER**

A. ALL WATER MAINS TO BE D.I.P. CLASS 54 UNLESS OTHERWISE NOTED.

B. TOPS OF ALL WATER MAINS TO HAVE A MINIMUM OF 3'-6" OF COVER UNLESS OTHERWISE NOTED.

C. VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.

D. ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS.

E. 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 DETAILS. THE SOIL AROUND THE FIRE HYDRANT SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1000 AND 1005 OF THE STANDARD SPECIFICATIONS.

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

G. ALL WATER HOUSE CONNECTIONS SHALL BE FOR OUTSIDE METER SETTINGS UNLESS OTHERWISE NOTED ON PLANS OR IN SPECIFICATIONS.

H. FOR SPRINKLER SYSTEM FOR ALL TOWN HOMES OR MULTI-FAMILY DWELLING UNITS SHOULD HAVE A MINIMUM OF 1/2" CONNECTION WITH A 1" OUTSIDE METER SETTING. SEE HO.CD. DETAILS W-3.20 AND W-3.32.

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

**PART III - SEWER**

A. ALL SEWER MAINS SHALL BE D.I.P. OR P.V.C. UNLESS OTHERWISE NOTED.

B. ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.

C. FORCE MAINS SHALL BE D.I.P. ONLY.

D. MANHOLES SHOWN WITH THE 12" AND 16" WALLS ARE FOR BRICK MANHOLES ONLY.

E. MANHOLES DESIGNATED M.T. IN PLAN AND PROFILE SHALL HAVE WATERTIGHT FRAME AND COVER, STANDARD DETAIL 65.52. WHERE WATERTIGHT MANHOLE FRAMES AND COVERS ARE USED, SET TOP OF FRAME 1'-6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.

F. HOUSE(S) WITH THE SYMBOL (C.N.S.) INDICATES THE CELLAR CANNOT BE SERVED.

CONTRACT No. 14-4738-D  
 THE GATHERINGS at ELLICOTT MILLS  
 PARCEL "A"  
 PLAT No. \_\_\_\_\_  
 HOWARD COUNTY, MARYLAND  
 DEPARTMENT OF PUBLIC WORKS

WHC	PULL #1	PULL #2	PULL #3
LOT 1/2	13' TO LOT 1 SHC	11.5' TO LOT 2 SHC	21' TO SMH-51
LOT 3/4	11.5' TO LOT 3 SHC	12' TO LOT 4 SHC	47' TO SMH-51
LOT 5	13' TO LOT 5 SHC	22' TO SMH-52	11.5' TO LOT 6 SHC
LOT 6/7	18' TO LOT 6 SHC	47' TO SMH-52	11' TO LOT 7 SHC
LOT 8/9	8.5' TO LOT 8 SHC	16' TO SMH-53	11' TO LOT 9 SHC
LOT 10/11	11' TO LOT 10 SHC	13.5' TO LOT 11 SHC	42' TO LOT 15 SHC
LOT 12/13	6.5' TO LOT 12 SHC	24.5' TO LOT 13 SHC	40.5' TO LOT 13 WHC
LOT 14/15	7.5' TO LOT 14 SHC	3' TO LOT 15 SHC	15' TO FH V (STA. 1+15)
LOT 16/17	17.5' TO LOT 16 SHC	49' TO FH (STA. 1+15)	11' TO LOT 17 SHC
LOT 18/19	16.5' TO LOT 18 SHC	98.5' TO FH	9.5' TO LOT 19 SHC
LOT 20/21	25.5' TO LOT 20 SHC	43.5' TO I-11	11.5' TO LOT 21 SHC
LOT 22/23	8' TO LOT 22 SHC	69.5' TO SMH-67	13' TO LOT 23 SHC
LOT 24	12.5' TO LOT 24 SHC	61' TO SMH-67	38' TO LOT 25 SHC
LOT 25/26	11.5' TO LOT 25 SHC	55' TO I-12	11' TO LOT 26 SHC
LOT 27/28	26.5' TO LOT 26 SHC	53.5' TO I-12	13' TO LOT 27 SHC
LOT 29/30	16' TO LOT 29 SHC	28' TO SMH-64	16' TO LOT 30 SHC
LOT 31/32	16' TO LOT 30 SHC	22' TO SMH-65	55' TO LOT 31 SHC
LOT 33/34	7' TO LOT 33 SHC	26.5' TO SMH-67	12' TO LOT 34 SHC
LOT 35/36	10.5' TO LOT 35 SHC	44.5' TO I-50	19' TO LOT 36 SHC
LOT 37/38	11.5' TO LOT 37 SHC	48' TO FH (STA. 8+29)	13.5' TO LOT 38 SHC
LOT 39/40	10' TO LOT 39 SHC	36' TO I-54	10' TO LOT 40 SHC
LOT 41/42	7' TO LOT 42 SHC	25' TO SMH-66	46.5' TO 8" V (STA. 8+57)
LOT 43/44	16' TO LOT 43 SHC	40' TO LOT 42 SHC	9' TO LOT 44 SHC
LOT 45/46	17' TO LOT 45 SHC	41.5' TO LOT 10 WHC	13' TO LOT 46 SHC

SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 308 OF THE SPECIFICATIONS AND WITH SDP-12-038.

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

APPROVED: *John P. Robertson* s/d/12  
 HOWARD S.C.D. DATE

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND

*Shirley Chen* s/d/12  
 CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING AND ZONING  
 HOWARD COUNTY, MARYLAND

*William D. Bennett* s/d/12  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

GLWGUTSCHICK 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

DATE: JULY, 2012  
 G.L.W. No. 11005  
 EXP. DATE: MAY 26, 2014

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. 129715  
 EXP. DATE: MAY 26, 2014

*CKR*  
 STATE OF MARYLAND  
 PROFESSIONAL ENGINEER

BY	NO	REVISION	DATE
CKR	1	AS-BUILT	2-2-2014

COVER SHEET

600' SCALE MAP NO. 17 BLOCK NO. 23

THE GATHERINGS at ELLICOTT MILLS  
 CONTRACT No. 14-4738-D  
 PARCEL A  
 PLAT No. \_\_\_\_\_  
 HOWARD COUNTY, MARYLAND  
 ELECTION DISTRICT No. 2

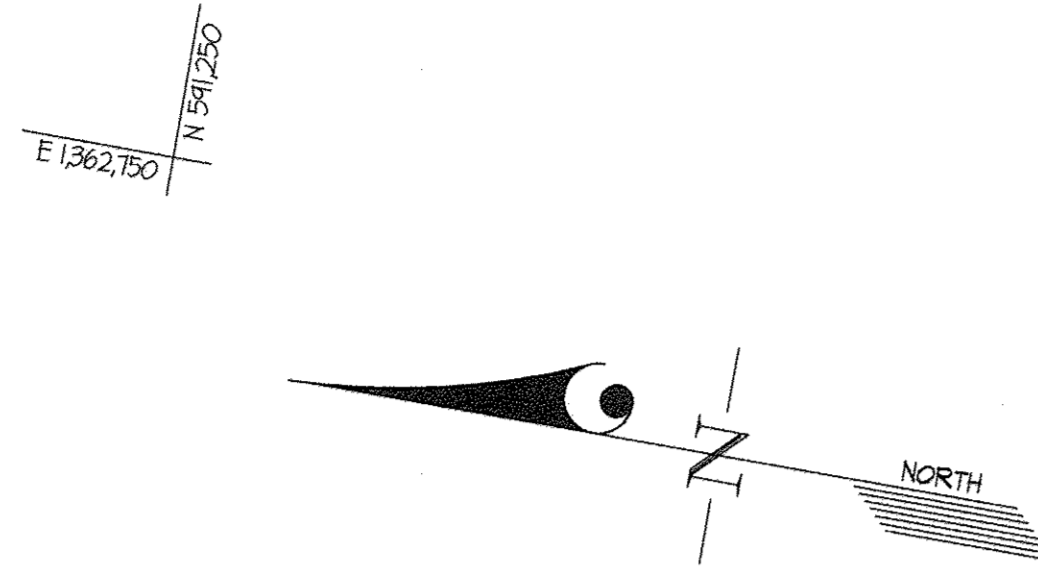
SCALE AS SHOWN  
 SHEET 1 OF 3

PREPARED FOR:  
 NORTHRIDGE, LLC  
 24012 FREDERICK ROAD  
 SUITE 200  
 CLARKSBURG, MARYLAND 20871  
 ATTN: JONATHAN W. SOULE  
 301-428-0800

FITTING CHART			
STATION	FITTING	NAD '83/'91 COORDINATES	
WATER MAIN 'A'			
0+00	12" x 8" RED.	N 540280.90	E 1362100.14
1+51	8" x 1/2" H.B.	N 540371.66	E 1362580.63
1+74	8" x 1/2" H.B.	N 540368.20	E 1362557.38
1+81	8" x 6" F.H.T.	N 540358.51	E 1362550.26
3+04	8" x 6" T.	N 540263.78	E 1362473.60
3+64	8" x 6" F.H.T.	N 540223.32	E 1362435.12
3+73	8" x 1/2" H.B.	N 540216.75	E 1362424.40
3+82	8" x 1/2" H.B.	N 540216.47	E 1362420.84
3+90	8" x 6" T.	N 540219.16	E 1362413.11
4+51	8" x 1/2" H.B.	N 540245.68	E 1362358.03
5+63	8" x 6" T.	N 540354.42	E 1362330.77
6+55	8" x 6" F.H.T.	N 540443.16	E 1362308.53
8+58	8" x 8" T.	N 540641.62	E 1362265.14
WATER MAIN 'B'			
0+00	8" x 8" T.	N 540641.62	E 1362265.14
0+51	8" x 1/2" H.B.	N 540653.34	E 1362320.47
0+64	8" x 1/2" H.B.	N 540654.85	E 1362330.50
0+81	8" x 1/2" H.B.	N 540610.15	E 1362331.23
0+44	8" x 1/2" H.B.	N 540682.84	E 1362334.62
1+5	8" x 6" F.H.T.	N 540703.63	E 1362335.26
2+25	8" x 1/2" H.B.	N 54081.30	E 1362312.68
2+38	8" x 8" T.	N 540822.47	E 1362306.43
2+48	8" x 1/2" H.B.	N 540831.68	E 1362302.65
5+04	8" x 6" F.H.T.	N 541031.78	E 1362134.40
5+15	8" x 1/2" H.B.	N 541036.55	E 1362130.40
5+31	8" x 1/2" H.B.	N 541044.12	E 1362116.36
5+65	8" x 1/2" H.B.	N 541034.84	E 1362083.62
5+78	8" x 1/2" H.B.	N 541024.13	E 1362075.33
6+84	8" x 1/2" H.B.	N 540924.58	E 1362088.86
6+44	8" x 1/2" H.B.	N 540918.47	E 1362046.78
7+44	8" x 1/2" H.B.	N 540925.54	E 1362151.84
7+71	8" x 1/2" H.B.	N 540912.44	E 1362168.42
8+99	8" x 6" F.H.T.	N 540718.16	E 1362145.14
10+27	8" x 1/2" H.B.	N 540661.84	E 1362221.47
10+67	8" x 1/2" H.B.	N 540634.62	E 1362255.56
10+77	8" x 8" T.	N 540641.62	E 1362265.14
WATER MAIN 'C'			
1+21	8" GAP	N 540888.94	E 1362408.22

FIRE HYDRANT CHART		
FH	NAD '83/'91 COORDINATES	
A	N 540373.64	E 1362524.84
B	N 540215.80	E 1362443.15
C	N 540444.07	E 1362332.13
D	N 540648.54	E 1362311.02
E	N 541034.40	E 1362143.44
F	N 540742.24	E 1362214.43

SEWER MANHOLE CHART		
MH	NAD '83/'91 COORDINATES	
50	N 540238.06	E 1362462.43



BON SECOURS  
HOWARD COUNTY HEALTH PARK  
PARCEL B-10  
P.N. 12637 & 12638

HEARTLANDS DRIVE  
(PRIVATE ROAD)

NOTE: FUTURE 8" WATER  
TO BE INSTALLED IF  
PERMISSION IS ACQUIRED  
FROM ADJACENT  
PROPERTY OWNER

EX. 20' PUBLIC WATER &  
UTILITY ESMT.  
P.N. 12637 & 12638  
& 300'± E. 12530'

EX. 20' PUBLIC WATER &  
UTILITY ESMT.  
P.N. 12637 & 12638  
& 300'± E. 12530'

EX. 20' PUBLIC WATER &  
UTILITY ESMT.  
P.N. 12637 & 12638  
& 300'± E. 12530'

EX. 20' PUBLIC WATER &  
UTILITY ESMT.  
P.N. 12637 & 12638  
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UTILITY ESMT.  
P.N. 12637 & 12638  
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UTILITY ESMT.  
P.N. 12637 & 12638  
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EX. 20' PUBLIC WATER &  
UTILITY ESMT.  
P.N. 12637 & 12638  
& 300'± E. 12530'

EX. 20' PUBLIC WATER &  
UTILITY ESMT.  
P.N. 12637 & 12638  
& 300'± E. 12530'

EX. 20' PUBLIC WATER &  
UTILITY ESMT.  
P.N. 12637 & 12638  
& 300'± E. 12530'

EX. 20' PUBLIC WATER &  
UTILITY ESMT.  
P.N. 12637 & 12638  
& 300'± E. 12530'

EX. 20' PUBLIC WATER &  
UTILITY ESMT.  
P.N. 12637 & 12638  
& 300'± E. 12530'

EX. 20' PUBLIC WATER &  
UTILITY ESMT.  
P.N. 12637 & 12638  
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P.N. 12637 & 12638  
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UTILITY ESMT.  
P.N. 12637 & 12638  
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EX. 20' PUBLIC WATER &  
UTILITY ESMT.  
P.N. 12637 & 12638  
& 300'± E. 12530'

EX. 20' PUBLIC WATER &  
UTILITY ESMT.  
P.N. 12637 & 12638  
& 300'± E. 12530'

EX. 20' PUBLIC WATER &  
UTILITY ESMT.  
P.N. 12637 & 12638  
& 300'± E. 12530'

EX. 20' PUBLIC WATER &  
UTILITY ESMT.  
P.N. 12637 & 12638  
& 300'± E. 12530'

EX. 20' PUBLIC WATER &  
UTILITY ESMT.  
P.N. 12637 & 12638  
& 300'± E. 12530'

FOR PUBLIC WATER & SEWER PROFILES SEE SHEET 3 OF 3  
FOR PRIVATE STORM DRAIN & SEWER PROFILES SEE SHEET SDP-12-038

U.S. ROUTE 29  
SRC P.N. 31458

PREPARED FOR:  
NORTHBRIDGE, LLC  
24012 FREDERICK ROAD  
SUITE 200  
CLARKSBURG, MARYLAND 20871  
ATTN: JONATHAN W. SOULE  
301-428-0800

DEPARTMENT OF  
PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

DEPARTMENT OF  
PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND

**GLWGUTSCHICK LITTLE & WEBER, P.A.**  
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK  
BURTONSVILLE, MARYLAND 20866  
TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-889-2524 FAX: 301-421-4188

DATE  
JULY,  
2012

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 28, 2012



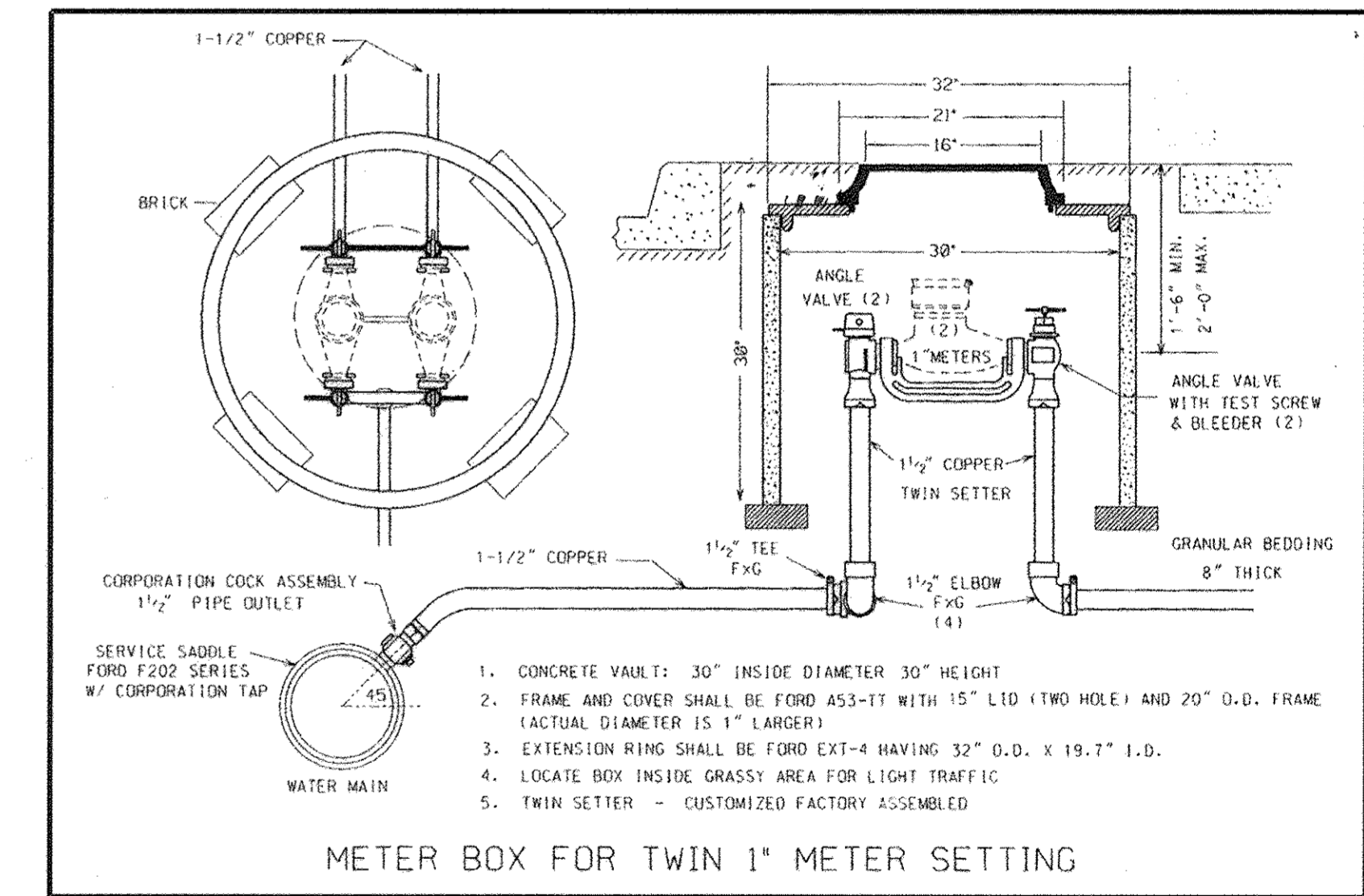
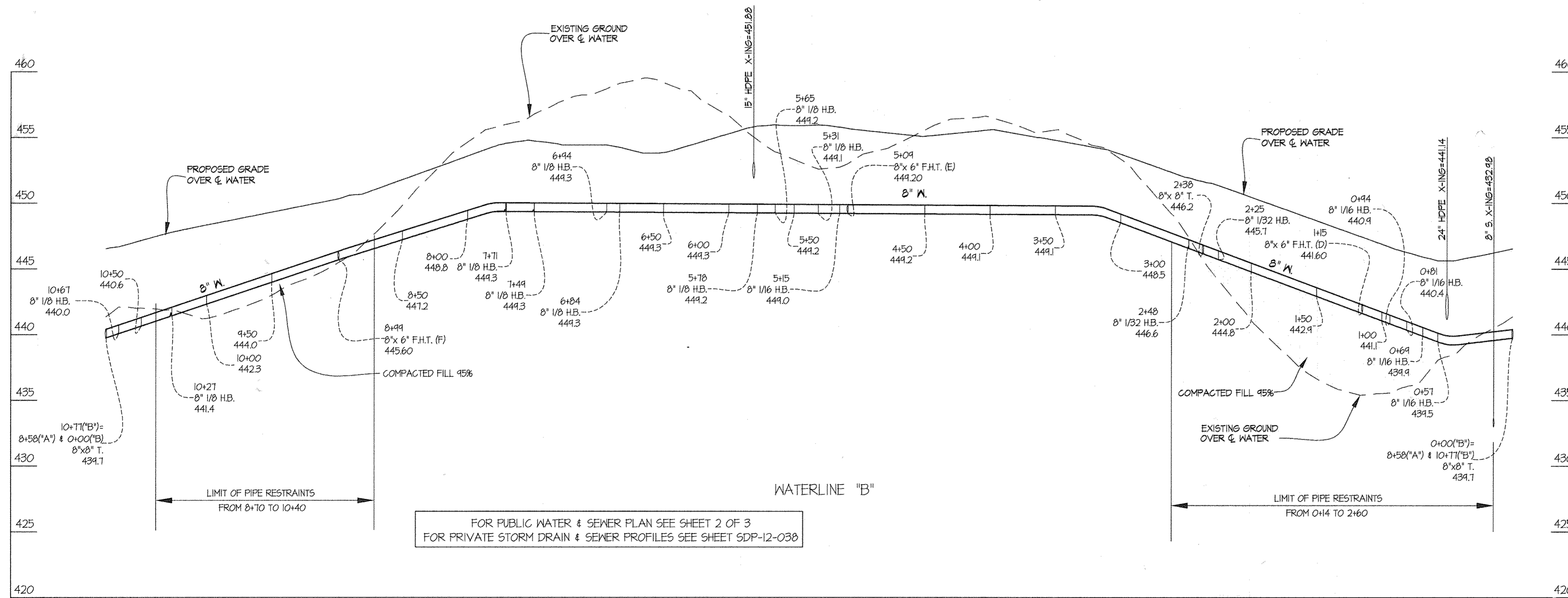
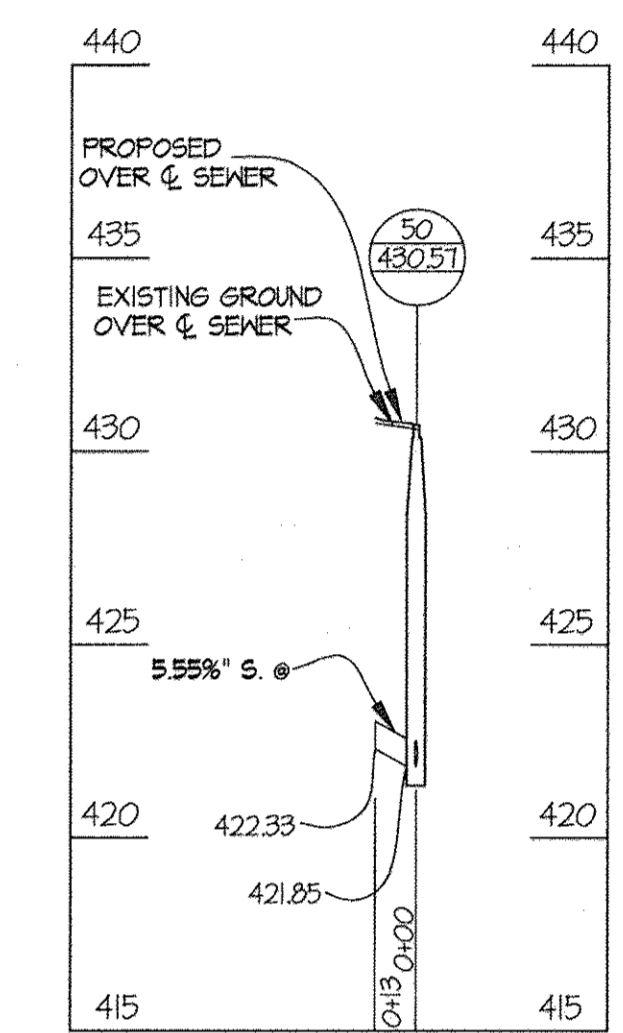
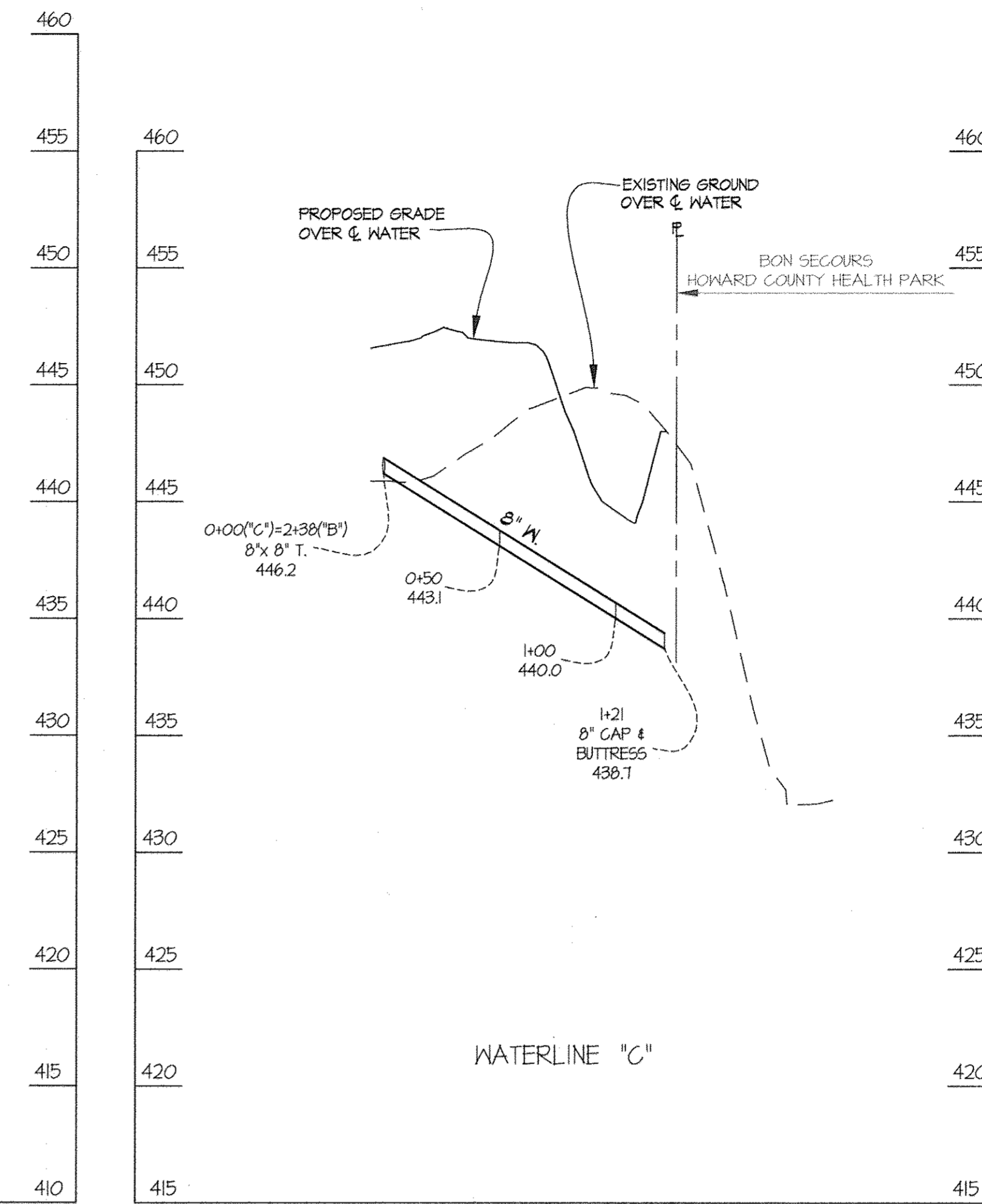
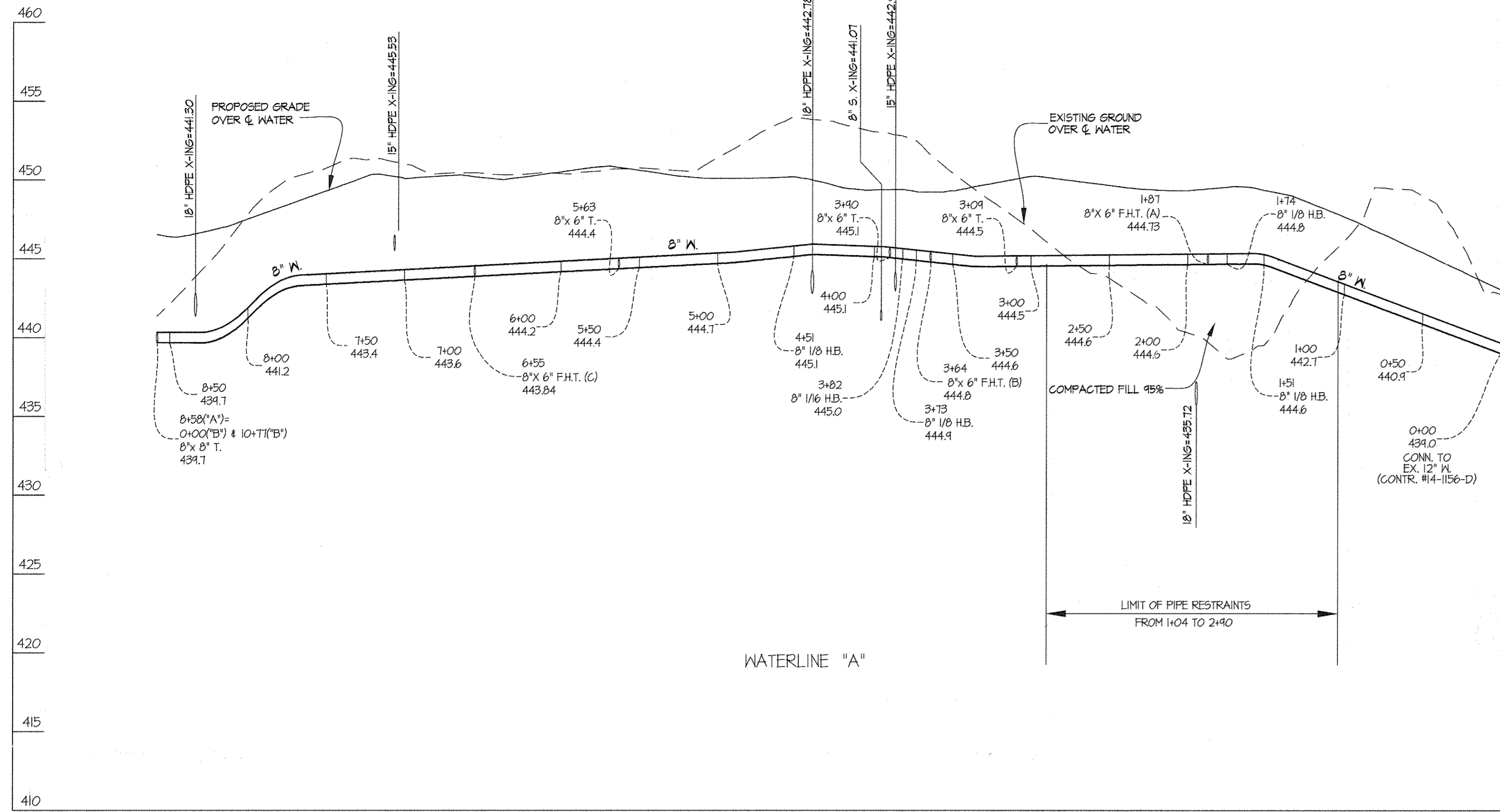
BY	NO	REVISION	DATE
AS-SULET			2-2-2014

WATER & SEWER EXTENSION  
PLAN

**THE GATHERINGS at  
ELLCOTT MILLS**  
CONTRACT No. 14-4738-D  
PARCEL A  
PLAT No.  
HOWARD COUNTY, MARYLAND  
ELECTION DISTRICT No. 2

SCALE  
1"=50'  
SHEET  
2 OF 3

L:\CADD\DRAWINGS\11005\PLANS BY G.L.W. (11005)DWG. PLOTTED: 7/26/2012 1:55 PM. LAST SAVED: 7/26/2012 1:53 PM. PLOTTED BY: Don Sawyer



FOR PUBLIC WATER & SEWER PLAN SEE SHEET 2 OF 3  
FOR PRIVATE STORM DRAIN & SEWER PROFILES SEE SHEET SDP-12-038

ALL PROFILES  
SCALE: 1" = 5' VERT.  
1" = 50' HORZ.

PREPARED FOR:  
NORTHDRIDGE, LLC  
24012 FREDERICK ROAD  
SUITE 200  
CLARKSBURG, MARYLAND 20871  
ATTN: JONATHAN W. SOULE  
301-428-0800

L:\CADD\DRAWINGS\11005\PLANS BY GLW\MS\11005PROFILES.dwg PLOTTED: 7/25/2012 5:00 PM, LAST SAVED: 7/25/2012 5:00 PM, PLOTTED BY: Don Swenney

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND  CHIEF, BUREAU OF UTILITIES	DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND  CHIEF, DEVELOPMENT ENGINEERING DIVISION	<b>GLWGUTSCHICK LITTLE &amp; WEBER, P.A.</b> CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK BURTONSVILLE, MARYLAND 20866 TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186	DATE JULY, 2012	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 28, 2014 	DES. WsJ DRN. WsJ CHK. DDS	G.L.W. No. 11005	BY NO REVISION DATE	WATER & SEWER PROFILES 600' SCALE MAP NO. 17 BLOCK NO. 23	SCALE AS SHOWN SHEET 3 OF 3
			THE GATHERINGS at <b>ELLCOTT MILLS</b> CONTRACT No. 14-4738-D PARCEL A PLAT No. HOWARD COUNTY, MARYLAND ELECTION DISTRICT No. 2						