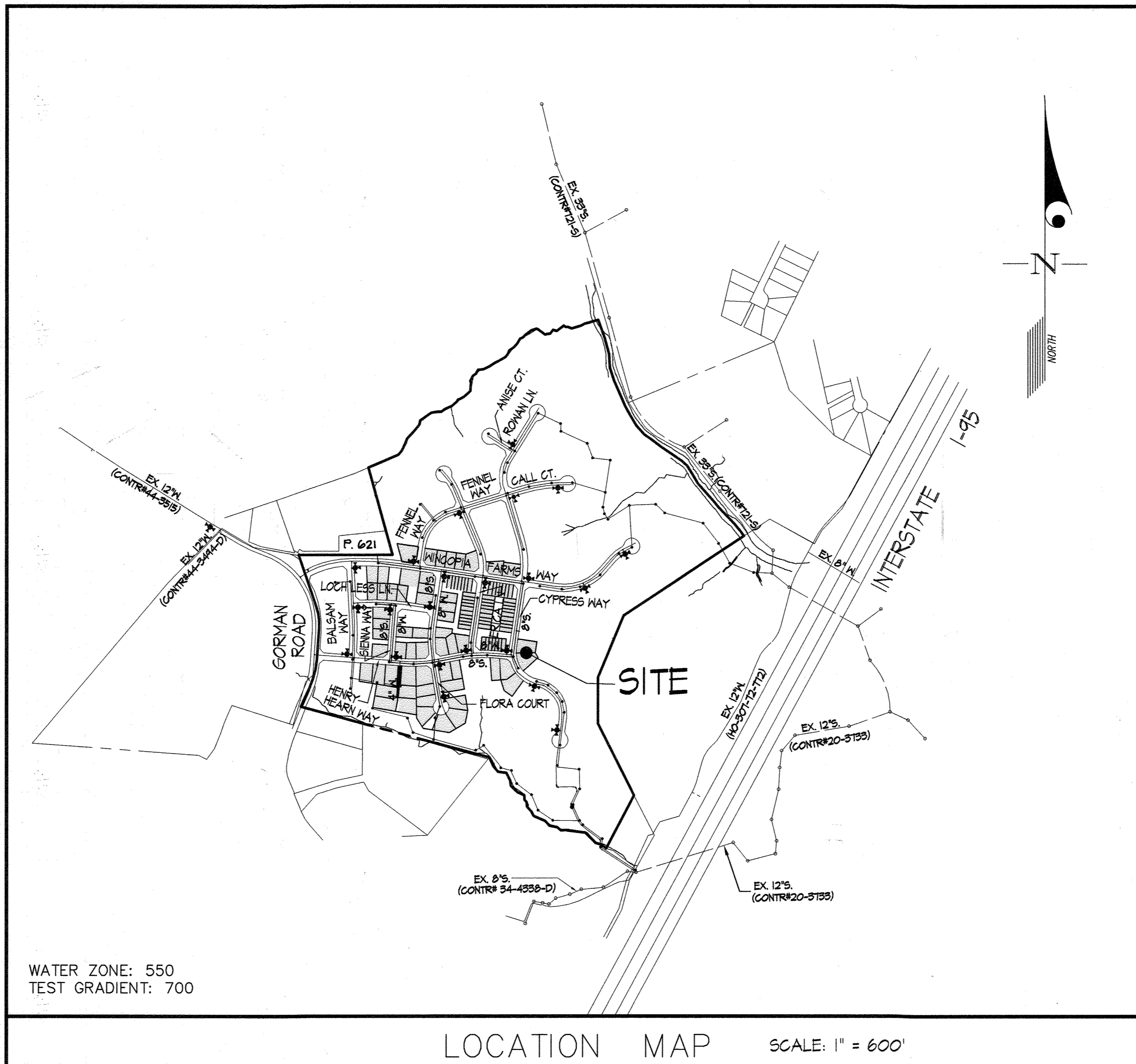


QUANTITIES Δ				
ITEMS	QUANTITIES ESTIMATED	AS-BUILT		
		QUANTITIES	TYPE	MANUFACTURER/SUPPLIER
8" WATER MAIN (C900 DR18 PVC)	5,710 LF	5,720 LF	C-900-PVC	NATIONAL PIPE
1" W/C	2,328 LF	1,916 LF	TYPE K COPPER	MUELLER INDUSTRIES
12" WATER MAIN	875 LF	875 LF	C-900-PVC	NATIONAL PIPE
4" WATER MAIN	254 LF	260 LF	C-900-PVC	"
1" W/C	10 LF	10 LF	TYPE K COPPER	MUELLER INDUSTRIES
8" x 8" T.	7	7	DIP	TYLER UNION FOUNDRY
8" x 4" T.	1	1	DIP	"
12" x 8" T.	1	1	DIP	"
8" CROSS	3	3	DIP	"
8" H.B.	5	5	DIP	"
8" x 6" F.H.T.	12	12	DIP	"
8" VALVE	21	21	GATE VALVE	MULLER INDUSTRIES
4" VALVE	1	1	"	"
6" VALVE	12	12	"	"
FIRE HYDRANT	12	12	A-423	"
8" 1/2 H.B.	7	7	DIP	TYLER UNION FOUNDRY
8" SEWER MAIN	4,110 LF	4,100 LF	SDR 35-PVC	NATIONAL PIPE
4" SHC	2,923 LF	2,920 LF	"	"
4" MANHOLE	22	22	PRECAST	CONTRACTORS PRECAST
Type A Drop Connection	2	2	"	"
Type B Drop Connection	3	3	"	"
8" 0.5" HDC	3	3	HDC	NORTH AMERICAN SPECIALTY
8" 1.0" HDC	3	3	"	"
8" 1.5" HDC	1	1	"	"
8" 2.0" HDC	6	6	"	"
8" 2.5" HDC	6	6	"	"
8" 3.0" HDC	10	10	"	"
4" 3.0" HDC	1	1	"	"
8" 5" Sweep Bend	29	29	"	"

NAME OF UTILITY CONTRACTOR: CONSOLIDATED CONSTRUCTION SERVICES

SURVEY AND CHECKBOX:.....
 DRAFTING DIV. AS-BUILT DATE: 12-1-14

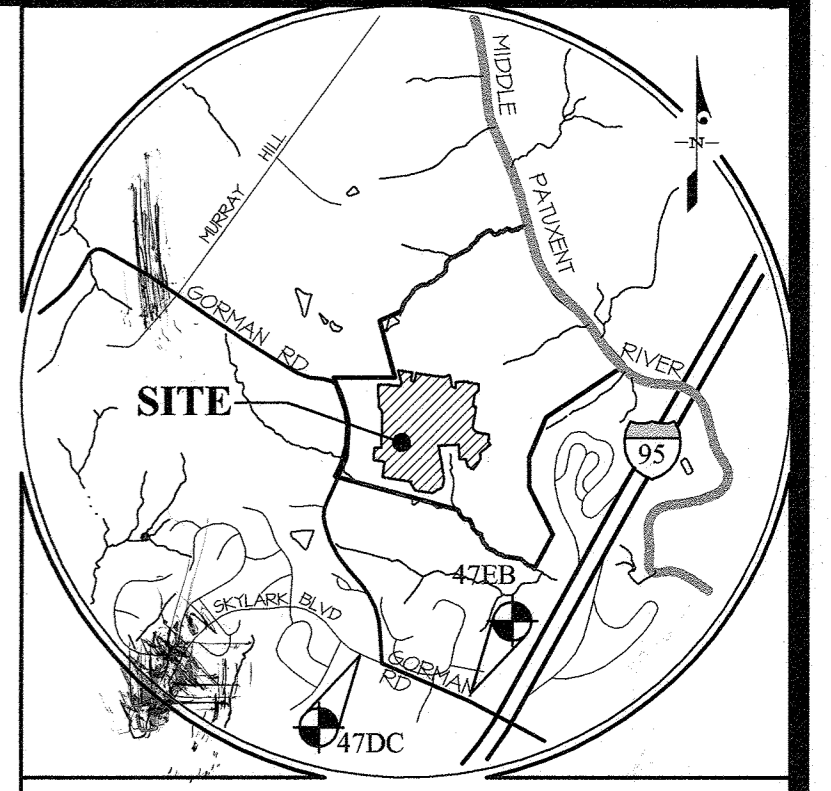


LOCATION MAP SCALE: 1" = 600'

CONTRACT No. 24-4812-D
 WINDCOPIA FARMS - PHASE 3
 LOTS 6 THRU 26, LOTS 41 & 42, LOTS 108 & 109,
 LOTS 115 THRU 119, 130 THRU 192, LOTS 197 THRU 203,
 LOTS 206 THRU 212

HOWARD COUNTY, MARYLAND
 DEPARTMENT OF PUBLIC WORKS

TYPE OF BUILDING	RESIDENTIAL
NUMBER OF LOTS	107
NUMBER OF S.H.C.'s	100
NUMBER OF W.H.C.'s	65 SINGLES & 22 TWINS
AREA OF COMMERCIAL LOT/PARCEL	N/A
SEWER SHED	MIDDLE PATUXENT
PUMPING STATION	LITTLE PATUXENT RECLAMATION PLANT



VICINITY MAP SCALE: 1" = 2,000'

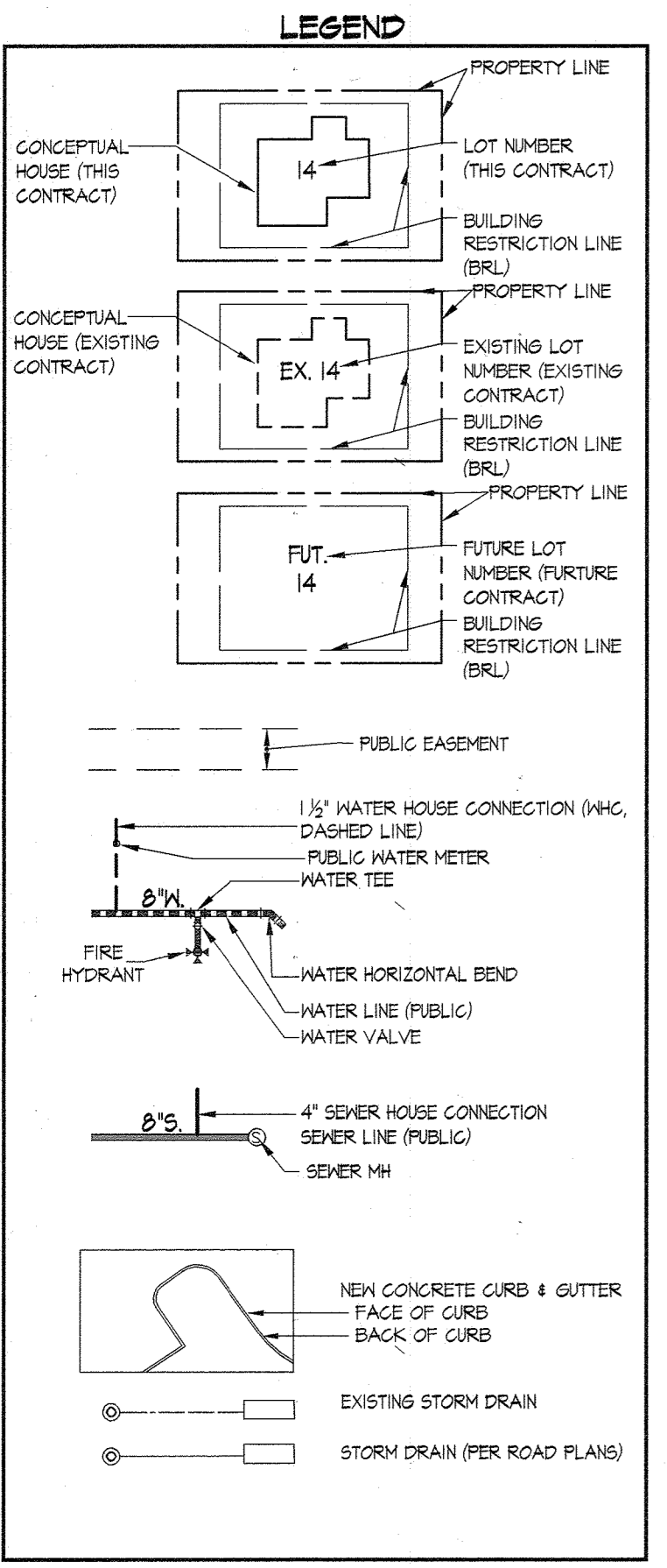
BENCHMARKS			
47DC	ELEV. 345.18	N = 536,615.00	E = 135,619.06
47EB	ELEV. = 354.23	N = 536,212.71	E = 135,463.51

ADC MAP: 40 GRID: B-3

GENERAL NOTES
 Revised - October 2013

- 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 AIR surveys were performed on DECEMBER, 2008 by MCKENZIE SUTNER.
 - The coordinates shown on the drawings are based on Maryland State Reference System NAD '83/741 as projected by Howard County Geodetic Control Stations No. 47DC, and No. 47EB.
 - 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 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..... 1-800-252-1133
 - BGE (Construction Services)..... 410-631-8713
 - BGE (Emergency) 410-685-0123
 - Bureau of Utilities..... 410-313-4400
 - Colonial Pipeline Co..... 410-745-1340
 - Miss Utility..... 1-800-251-7777
 - State Highway Administration..... 410-531-5533
 - Verizon..... 1-800-743-0033
- Part II**
- 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 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 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 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.
 - House(s) with the symbol "C.N.S." indicates that the cellar cannot be served.
- Part II WATER**
- All water mains shall be AWWA Standard C900 DR18 PVC. Δ
 - Tops of all water mains shall have a minimum of 3'-6" of cover unless otherwise noted.
 - Valves adjacent to trees shall be strapped to trees.
 - 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 1007 and Section 1005 of the Standard Specifications.
 - The contractor shall not operate any water main valves on the existing water system.
 - Tracer 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 ANNA Standard C900 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 received.
 - 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 harnesses. Twelve (12) pound Zinc anodes shall be installed on all stainless steel fittings and saddles used with PVC mains. All gaskets 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 force 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 (1 1/2-degree on either end of the coupling), shall be rated for a minimum 200 psi meeting the requirements of ANNA C400, shall have a minimum lay 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 ANNA C400 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 ANNA 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.



SHEET INDEX

- TITLE SHEET
- WATER & SEWER EXTENSION PLAN
- WATER & SEWER EXTENSION PLAN
- WATER & SEWER PROFILE PLAN
- WATER & SEWER PROFILE PLAN
- WATER & SEWER PROFILE PLAN
- WATER & SEWER PROFILE PLAN
- WATER & SEWER PROFILE PLAN
- WATER & SEWER PROFILE PLAN
- SHEET FOR MEASUREMENT CHART
- SHEET FOR MEASUREMENT CHART

SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH F-13-103, SECTION 308 OF THE SPECIFICATIONS AT FINAL PLAN STAGE.

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

APPROVED: 11/26/13
 HOWARD S.C.D. Date

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

11/26/13
 CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING AND ZONING
 HOWARD COUNTY, MARYLAND

12-9-13
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

GLWGUTSCHICK LITTLE & WEBER, P.A.
 CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
 3609 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 NOV. 2013
 G.L.W. No. 08052-
 DES. Wsj DRN. Wsj CHK. DDS

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, 2014

34	Δ	W/C Added For P. 621	8/19/14
34	Δ	Rev. Water per change to PVC, added 1" W/C	7/6/14
NO		REVISION	DATE

TITLE SHEET

600' SCALE MAP NO. 47 BLOCK NO. 2,3,8&9 ZONING: R-ED

WINDCOPIA FARMS
 PHASE 3
 LOTS 1 THRU 220 &
 OPEN SPACE LOTS 221 THRU 256
 HOWARD COUNTY, MARYLAND
 ELECTION DISTRICT No. 6
 CONTRACT NO. 24-4812-D TAX MAP: 47-3

PREPARED FOR:
 BEAZER HOMES CORP.
 8965 GUILFORD RD., SUITE 290
 COLUMBIA, MD 21046
 ATTN: BRIAN KNAUFF
 410-381-3222

SCALE AS SHOWN
 SHEET 11
 1 OF 9

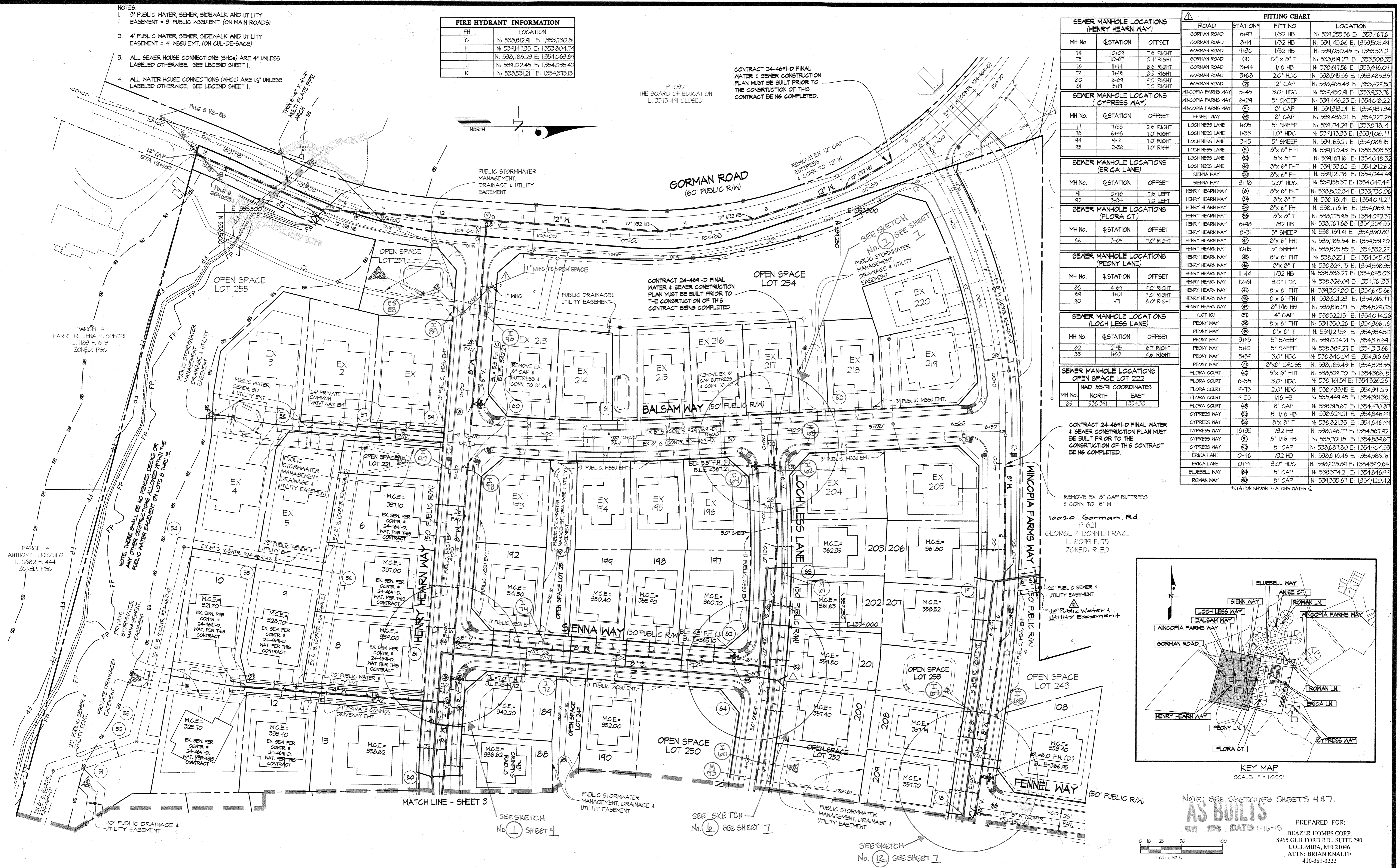
L:\CAD\DRAWINGS\08052-PUB-WAT-SEW\FINAL WMS\PHASE 3\08052-FWG-C6.dwg, 11/26/13 11:23 AM, LAST SAVED 11/26/2013 2:01 PM, PLOTTED BY: Don Sawyer

- NOTES:
- 3' PUBLIC WATER, SEWER, SIDEWALK AND UTILITY EASEMENT = 3' PUBLIC WGSU EMT. (ON MAIN ROADS)
 - 4' PUBLIC WATER, SEWER, SIDEWALK AND UTILITY EASEMENT = 4' WGSU EMT. (ON CUL-DE-SACS)
 - ALL SEWER HOUSE CONNECTIONS (SHCs) ARE 4" UNLESS LABELED OTHERWISE. SEE LEGEND SHEET I.
 - ALL WATER HOUSE CONNECTIONS (WHCs) ARE 1/2" UNLESS LABELED OTHERWISE. SEE LEGEND SHEET I.

FIRE HYDRANT INFORMATION		
FH	LOCATION	
C	N. 530,012.91	E. 1,353,730.01
H	N. 534,147.35	E. 1,353,004.74
I	N. 530,180.23	E. 1,354,063.04
J	N. 534,122.45	E. 1,354,035.42
K	N. 530,531.21	E. 1,354,375.15

P 1032
THE BOARD OF EDUCATION
L. 3513 441 CLOSED

CONTRACT 24-4691-D FINAL
WATER & SEWER CONSTRUCTION
PLAN MUST BE BUILT PRIOR TO
THE CONSTRUCTION OF THIS
CONTRACT BEING COMPLETED.



SEWER MANHOLE LOCATIONS (HENRY HEARNE WAY)			
MH No.	STATION	OFFSET	LOCATION
74	10+00	7.8' RIGHT	
75	10+67	8.4' RIGHT	
76	11+74	8.8' RIGHT	
77	14+28	8.5' RIGHT	
80	6+64	9.0' RIGHT	
81	5+17	7.0' RIGHT	

SEWER MANHOLE LOCATIONS (CYPRESS WAY)			
MH No.	STATION	OFFSET	LOCATION
77	7+55	2.8' RIGHT	
78	8+46	7.0' RIGHT	
84	9+14	7.0' RIGHT	
95	12+36	7.0' RIGHT	

SEWER MANHOLE LOCATIONS (ERICA LANE)			
MH No.	STATION	OFFSET	LOCATION
41	0+78	7.8' LEFT	
42	3+84	7.0' LEFT	
43	8+14	8.0' FHT	
44	12+14	8.0' FHT	

SEWER MANHOLE LOCATIONS (FLORA CT.)			
MH No.	STATION	OFFSET	LOCATION
86	3+08	7.0' RIGHT	

SEWER MANHOLE LOCATIONS (PEONY LANE)			
MH No.	STATION	OFFSET	LOCATION
88	4+64	9.0' RIGHT	
89	4+01	9.0' RIGHT	
90	1+71	8.0' RIGHT	

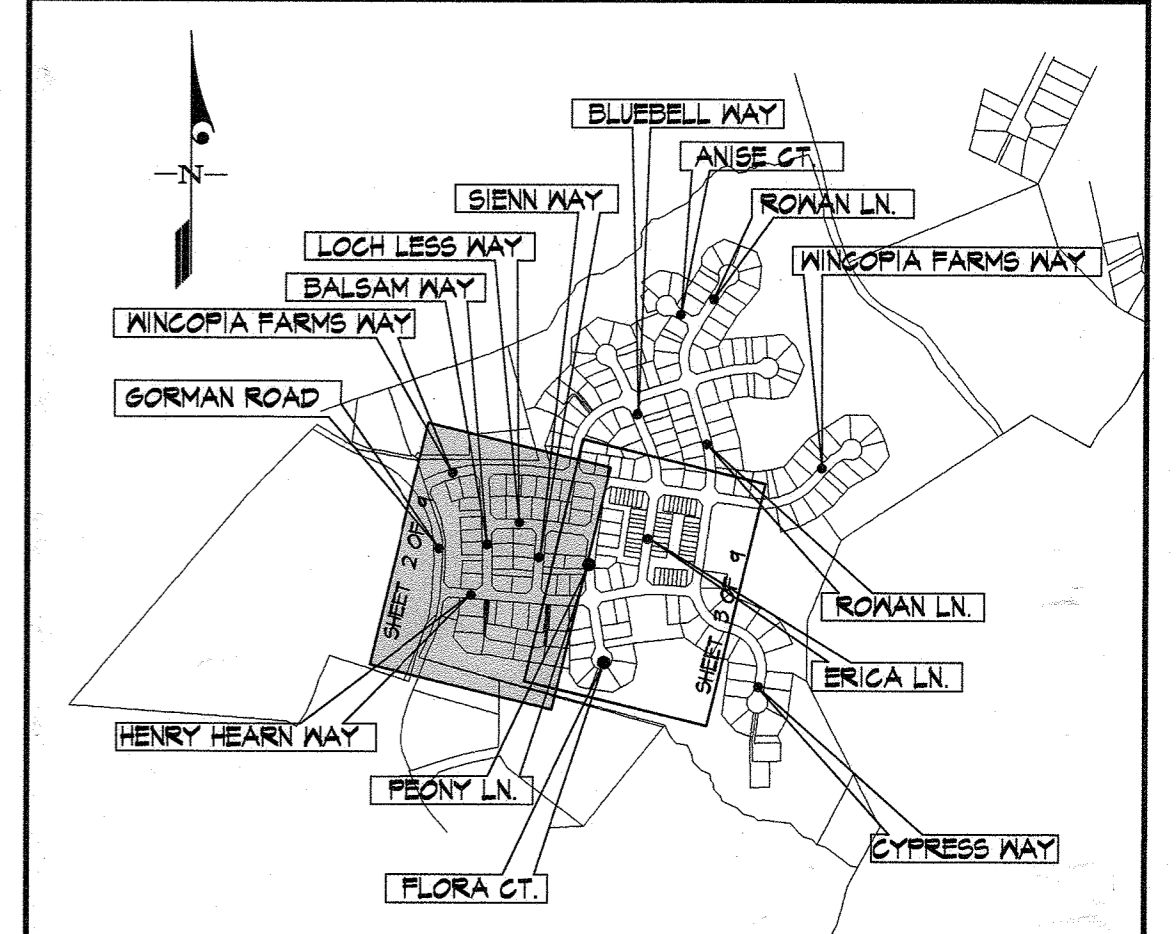
SEWER MANHOLE LOCATIONS (LOCH LESS LANE)			
MH No.	STATION	OFFSET	LOCATION
82	2+45	8.1' RIGHT	
83	1+62	4.6' RIGHT	

SEWER MANHOLE LOCATIONS (OPEN SPACE LOT 222)			
MH No.	NORTH	EAST	LOCATION
85	530,591	1,354,351	

FITTING CHART			
ROAD	STATION*	FITTING	LOCATION
GORMAN ROAD	6+47	1/32 HD	N. 534,255.56 E. 1,353,461.6
GORMAN ROAD	8+14	1/32 HD	N. 534,145.66 E. 1,353,505.44
GORMAN ROAD	9+30	1/32 HD	N. 534,030.40 E. 1,353,521.2
GORMAN ROAD	(4)	12" x 8" T	N. 530,814.21 E. 1,353,508.35
GORMAN ROAD	13+44	1/16 HD	N. 530,617.56 E. 1,353,446.04
GORMAN ROAD	13+68	2.0" HDC	N. 530,545.58 E. 1,353,485.38
GORMAN ROAD	(2)	12" CAP	N. 530,465.43 E. 1,353,424.50
WINCOPIA FARMS WAY	5+45	3.0" HDC	N. 534,450.91 E. 1,353,933.76
WINCOPIA FARMS WAY	6+24	5" SNEEP	N. 534,446.23 E. 1,354,018.22
WINCOPIA FARMS WAY	(6)	8" CAP	N. 534,313.01 E. 1,354,931.34
FENNEL WAY	(8)	8" CAP	N. 534,436.21 E. 1,354,221.28
LOCH LESS LANE	1+05	5" SNEEP	N. 534,174.24 E. 1,353,878.14
LOCH LESS LANE	1+33	1.0" HDC	N. 534,173.33 E. 1,353,916.71
LOCH LESS LANE	3+15	5" SNEEP	N. 534,163.27 E. 1,354,088.15
LOCH LESS LANE	(8)	8" x 6" FHT	N. 534,170.43 E. 1,353,803.53
LOCH LESS LANE	(9)	8" x 6" FHT	N. 534,161.16 E. 1,354,048.32
LOCH LESS LANE	(40)	8" x 6" FHT	N. 534,133.62 E. 1,354,242.62
SIENNA WAY	(8)	8" x 6" FHT	N. 534,121.78 E. 1,354,044.44
SIENNA WAY	3+78	2.0" HDC	N. 534,041.41
HENRY HEARNE WAY	(8)	8" x 6" FHT	N. 530,802.84 E. 1,353,730.06
HENRY HEARNE WAY	(9)	8" x 8" T	N. 534,014.21
HENRY HEARNE WAY	(8)	8" x 6" FHT	N. 530,778.16 E. 1,354,063.15
HENRY HEARNE WAY	(8)	8" x 8" T	N. 530,775.48 E. 1,354,042.57
HENRY HEARNE WAY	6+48	1/32 HD	N. 530,761.68 E. 1,354,204.55
HENRY HEARNE WAY	8+31	5" SNEEP	N. 530,784.41 E. 1,354,380.82
HENRY HEARNE WAY	(4)	8" x 6" FHT	N. 530,788.84 E. 1,354,351.40
HENRY HEARNE WAY	10+15	5" SNEEP	N. 530,823.85 E. 1,354,532.24
HENRY HEARNE WAY	(4)	8" x 6" FHT	N. 530,825.11 E. 1,354,545.45
HENRY HEARNE WAY	(4)	8" x 8" T	N. 530,824.75 E. 1,354,588.35
HENRY HEARNE WAY	11+44	1/32 HD	N. 530,836.27 E. 1,354,645.03
HENRY HEARNE WAY	12+61	3.0" HDC	N. 530,826.04 E. 1,354,761.33
HENRY HEARNE WAY	(4)	8" x 6" FHT	N. 534,304.80 E. 1,354,645.88
HENRY HEARNE WAY	(4)	8" x 6" FHT	N. 530,821.23 E. 1,354,816.77
HENRY HEARNE WAY	(4)	8" 1/16 HB	N. 530,816.27 E. 1,354,824.03
(LOT 10)	(8)	4" CAP	N. 530,522.13 E. 1,354,074.28
PEONY WAY	(8)	8" x 6" FHT	N. 534,350.26 E. 1,354,366.78
PEONY WAY	(8)	8" x 8" T	N. 534,121.54 E. 1,354,334.50
PEONY WAY	3+45	5" SNEEP	N. 534,004.21 E. 1,354,316.64
PEONY WAY	5+10	5" SNEEP	N. 530,894.27 E. 1,354,313.66
PEONY WAY	5+54	3.0" HDC	N. 530,840.04 E. 1,354,316.63
PEONY WAY	(4)	8" x 8" CROSS	N. 530,783.43 E. 1,354,323.55
FLORA COURT	(4)	8" x 6" FHT	N. 530,524.70 E. 1,354,366.18
FLORA COURT	6+30	3.0" HDC	N. 530,761.54 E. 1,354,326.26
FLORA COURT	9+73	2.0" HDC	N. 530,433.45 E. 1,354,391.25
FLORA COURT	9+55	1/16 HD	N. 530,444.45 E. 1,354,381.36
FLORA COURT	(4)	8" CAP	N. 530,318.67 E. 1,354,470.87
CYPRESS WAY	(8)	8" 1/16 HB	N. 530,824.21 E. 1,354,846.94
CYPRESS WAY	(8)	8" x 8" T	N. 530,821.33 E. 1,354,848.94
CYPRESS WAY	18+35	1/32 HD	N. 530,746.77 E. 1,354,861.42
CYPRESS WAY	(8)	8" 1/16 HB	N. 530,701.18 E. 1,354,884.67
CYPRESS WAY	(8)	8" CAP	N. 530,681.80 E. 1,354,804.53
ERICA LANE	0+46	1/32 HD	N. 530,876.48 E. 1,354,886.16
ERICA LANE	0+49	3.0" HDC	N. 530,428.84 E. 1,354,540.64
BLUEBELL WAY	(8)	8" CAP	N. 530,374.21 E. 1,354,846.94
ROMAN WAY	(8)	8" CAP	N. 534,335.67 E. 1,354,920.42

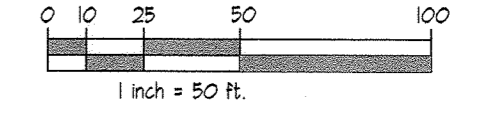
CONTRACT 24-4691-D FINAL WATER & SEWER CONSTRUCTION PLAN MUST BE BUILT PRIOR TO THE CONSTRUCTION OF THIS CONTRACT BEING COMPLETED.

REMOVE EX. 8" CAP BUTTRESS & CONN. TO 8" W.
10020 Gorman Rd
P 621
GEORGE & BONNIE FRAZE
L. 8099 F.715
ZONED: R-ED



NOTE: SEE SKETCHES SHEETS 4 & 7.

AS BUILTS
BY DFB, DATE 1-16-15
PREPARED FOR:
BEAZER HOMES CORP.
8965 GUILFORD RD., SUITE 290
COLUMBIA, MD 21046
ATTN: BRIAN KNAUFF
410-381-3222



DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
S. C. Green
CHIEF, BUREAU OF UTILITIES

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND
Charles Edwards
CHIEF, DEVELOPMENT ENGINEERING DIVISION
3-29-14

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 FAX: 301-989-2524

DATE NOV. 2013
G.L.W. No. 08052
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



BY	NO	REVISION	DATE
AWL	91	MHE and Public Water Emt. Added For P.C.1	8/19/14
AWL	92	CHANGED WATER TO PVC, ADDED 1" WHC, ADDED TWIN SHC	01/31/14

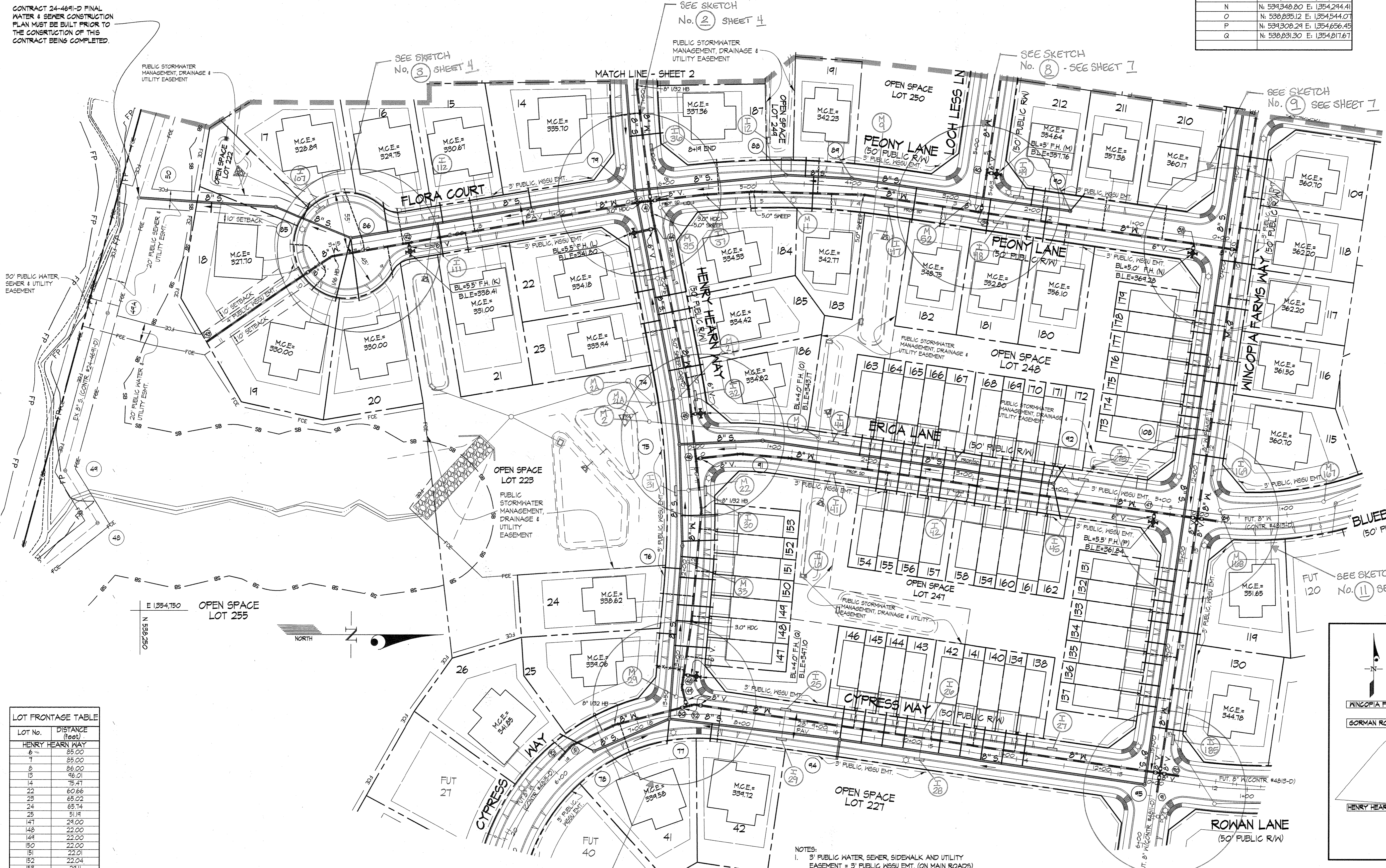
WATER and SEWER EXTENSION PLAN
600' SCALE MAP NO. 47 BLOCK NO. 2,3,8&9 ZONING: R-ED

WINCOPIA FARMS
PHASE 3
LOTS 1 THRU 220 & OPEN SPACE LOTS 221 THRU 256
HOWARD COUNTY, MARYLAND
ELECTION DISTRICT NO. 6
CONTRACT No. 24-4812-D TAX MAP: 47-3

SCALE 1"=50'
SHEET 11 OF 9

L:\CARD\DRAWINGS\08052\FIB-WAT-SEW\FINAL WGSU-PHASE 3\08052-FIB-WAT-SEW-PLAN 2-3.dwg, PLOTTED: 3/5/2014 2:04 PM, LAST SAVED: 3/5/2014 1:51 PM, PLOTTED BY: Tony Loggipini

CONTRACT 24-481-D FINAL
WATER & SEWER CONSTRUCTION
PLAN MUST BE BUILT PRIOR TO
THE CONSTRUCTION OF THIS
CONTRACT BEING COMPLETED.



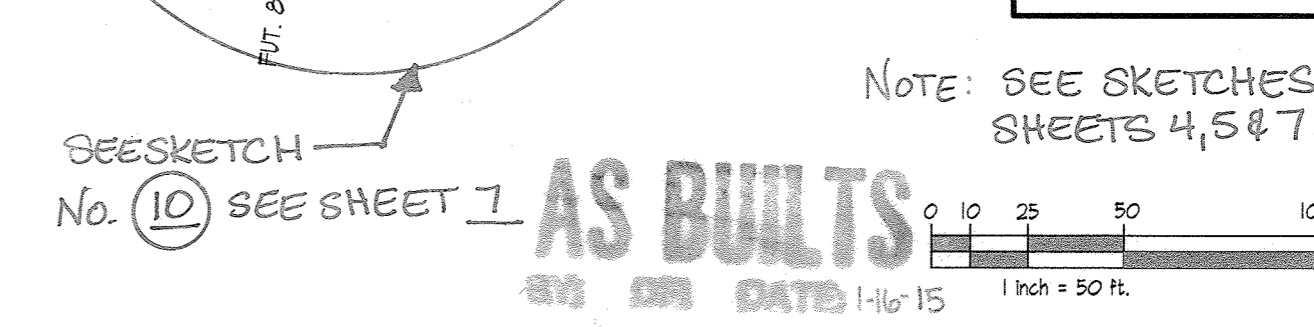
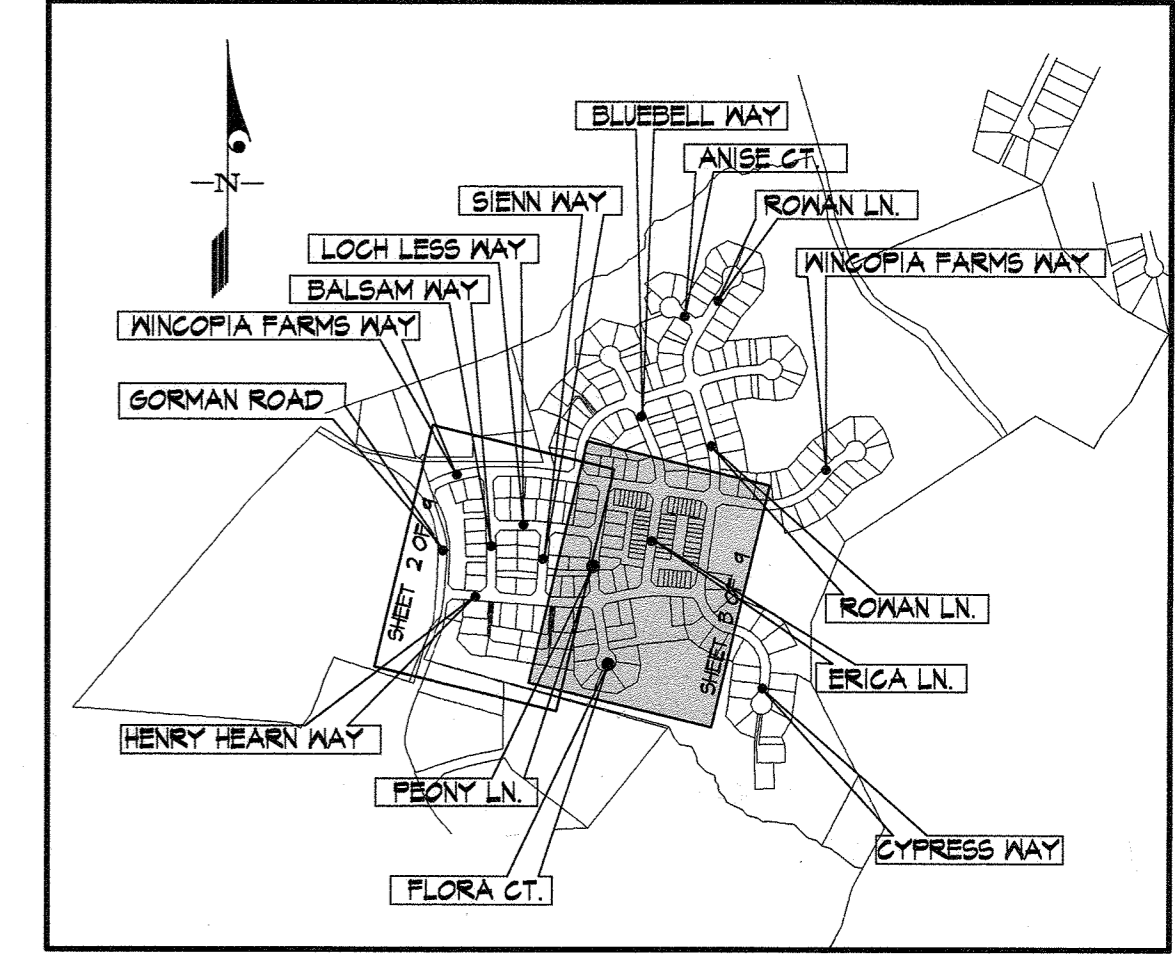
FIRE HYDRANT INFORMATION	
FH	LOCATION
K	N. 538.531.21 E. 1354.375.15
L	N. 538.165.18 E. 1354.356.50
M	N. 534.143.80 E. 1354.304.33
N	N. 534.348.80 E. 1354.294.41
O	N. 538.835.12 E. 1354.544.07
P	N. 534.308.24 E. 1354.656.45
Q	N. 538.831.30 E. 1354.811.67

MIN. CELLAR ELEVATIONS (M.C.E.)		
LOT	INV. @ MAIN/HH	M.C.E.
131	351.16	355.36
132	350.02	354.22
133	348.99	353.19
134	347.75	351.95
135	346.62	350.82
136	345.48	349.68
137	344.26	348.46
138	343.23	347.33
139	342.12	346.22
140	341.01	345.11
141	339.90	344.00
142	338.78	342.88
143	337.60	341.70
144	336.49	340.59
145	335.38	339.48
146	334.26	338.36
147	333.14	337.24
148	332.03	336.13
149	330.92	335.02
150	329.81	333.91
151	328.70	332.80
152	327.59	331.69
153	326.48	330.58
154	325.37	329.47
155	324.26	328.36
156	323.15	327.25
157	322.04	326.14
158	320.93	325.03
159	319.82	323.92
160	318.71	322.81
161	317.60	321.70
162	316.49	320.59
163	315.38	319.48
164	314.27	318.37
165	313.16	317.26
166	312.05	316.15
167	310.94	315.04
168	309.83	313.93
169	308.72	312.82
170	307.61	311.71
171	306.50	310.60
172	305.39	309.49
173	304.28	308.38
174	303.17	307.27
175	302.06	306.16
176	300.95	305.05
177	299.84	303.94
178	298.73	302.83
179	297.62	301.72
180	296.51	300.61
181	295.40	299.50
182	294.29	298.39
183	293.18	297.28
184	292.07	296.17
185	290.96	295.06
186	289.85	293.95
187	288.74	292.84
188	287.63	291.73
189	286.52	290.62
190	285.41	289.51
191	284.30	288.40
192	283.19	287.29
193	282.08	286.18
194	280.97	285.07
195	279.86	283.96
196	278.75	282.85
197	277.64	281.74
198	276.53	280.63
199	275.42	279.52
200	274.31	278.41
201	273.20	277.30
202	272.09	276.19
203	270.98	275.08
204	269.87	273.97
205	268.76	272.86
206	267.65	271.75
207	266.54	270.64
208	265.43	269.53
209	264.32	268.42
210	263.21	267.31
211	262.10	266.20
212	260.99	265.09
213	259.88	263.98
214	258.77	262.87
215	257.66	261.76
216	256.55	260.65
217	255.44	259.54
218	254.33	258.43
219	253.22	257.32
220	252.11	256.21
221	251.00	255.10
222	249.89	253.99
223	248.78	252.88
224	247.67	251.77
225	246.56	250.66
226	245.45	249.55
227	244.34	248.44
228	243.23	247.33
229	242.12	246.22
230	241.01	245.11
231	239.90	244.00
232	238.79	242.89
233	237.68	241.78
234	236.57	240.67
235	235.46	239.56
236	234.35	238.45
237	233.24	237.34
238	232.13	236.23
239	231.02	235.12
240	229.91	234.01
241	228.80	232.90
242	227.69	231.79
243	226.58	230.68
244	225.47	229.57
245	224.36	228.46
246	223.25	227.35
247	222.14	226.24
248	221.03	225.13
249	219.92	224.02
250	218.81	222.91
251	217.70	221.80
252	216.59	220.69
253	215.48	219.58
254	214.37	218.47
255	213.26	217.36
256	212.15	216.25
257	211.04	215.14
258	209.93	214.03
259	208.82	212.92
260	207.71	211.81
261	206.60	210.70
262	205.49	209.59
263	204.38	208.48
264	203.27	207.37
265	202.16	206.26
266	201.05	205.15
267	199.94	204.04
268	198.83	202.93
269	197.72	201.82
270	196.61	200.71
271	195.50	199.60
272	194.39	198.49
273	193.28	197.38
274	192.17	196.27
275	191.06	195.16
276	189.95	194.05
277	188.84	192.94
278	187.73	191.83
279	186.62	190.72
280	185.51	189.61
281	184.40	188.50
282	183.29	187.39
283	182.18	186.28
284	181.07	185.17
285	179.96	184.06
286	178.85	182.95
287	177.74	181.84
288	176.63	180.73
289	175.52	179.62
290	174.41	178.51
291	173.30	177.40
292	172.19	176.29
293	171.08	175.18
294	169.97	174.07
295	168.86	172.96
296	167.75	171.85
297	166.64	170.74
298	165.53	169.63
299	164.42	168.52
300	163.31	167.41

LOT FRONTAGE TABLE	
LOT No.	DISTANCE (feet)
CYPRESS WAY	
6	85.00
7	85.00
8	86.00
9	96.01
14	75.41
22	60.66
23	65.02
24	65.74
25	51.14
141	24.00
142	22.00
143	22.00
144	22.00
150	22.00
151	22.01
152	22.04
153	24.11
155	65.00
156	65.00
157	63.37
158	72.36
ERICA LANE	
154	24.00
155	22.00
156	22.00
157	50.00
158	22.00
159	22.00
160	22.00
161	22.00
162	24.00
163	22.00
164	22.00
165	22.00
166	22.00
167	30.00
168	30.00
169	22.00
170	22.00
171	22.00
172	22.00
173	22.00
174	22.00
175	22.00
176	22.00
177	22.00
178	22.00
179	22.00
FLORA CT.	
15	75.00
16	41.24
17	44.11
18	54.00
19	46.00
20	71.58
21	75.00
PEONY LANE	
180	65.00
181	65.00
182	65.00
183	10.84
184	200.18
185	63.99
186	65.00
187	65.00
188	65.00
189	52.50
LOCH LESS LANE	
196	171.51
197	184.26
200	65.00
201	65.00
202	65.00
203	65.00
SIENNA WAY	
140	70.00
141	70.00
142	60.00
143	60.00
144	61.00
145	61.00

LOT FRONTAGE TABLE	
LOT No.	DISTANCE (feet)
6	85.00
7	85.00
8	86.00
9	96.01
14	75.41
22	60.66
23	65.02
24	65.74
25	51.14
141	24.00
142	22.00
143	22.00
144	22.00
150	22.00
151	22.01
152	22.04
153	24.11
155	65.00
156	65.00
157	63.37
158	72.36

- NOTES:
- 3" PUBLIC WATER, SEWER, SIDWALK AND UTILITY EASEMENT = 3' PUBLIC W/SU EMT. (ON MAIN ROADS)
 - 4" PUBLIC WATER, SEWER, SIDWALK AND UTILITY EASEMENT = 4" W/SU EMT. (ON CUL-DE-SACS)
 - ALL SEWER HOUSE CONNECTIONS (SHCs) ARE 4" UNLESS LABELED OTHERWISE. SEE LEGEND SHEET 1.
 - ALL WATER HOUSE CONNECTIONS (WHCs) ARE 1/2" UNLESS LABELED OTHERWISE. SEE LEGEND SHEET 1.



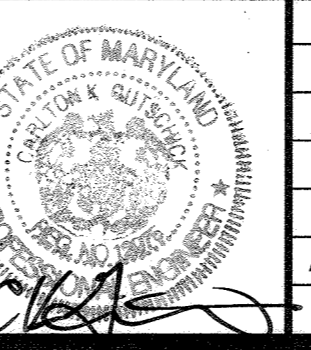
Note: SEE SKETCHES SHEETS 4, 5 & 7.

PREPARED FOR:
BEAZER HOMES CORP.
8965 GUILFORD RD., SUITE 290
COLUMBIA, MD 21046
ATTN: BRIAN KNAUFF
410-381-3222

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
DATE: 3/24/14

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND
DATE: 3-28-14

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 BAL: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186
G.L.W. No. 08052
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, 2014



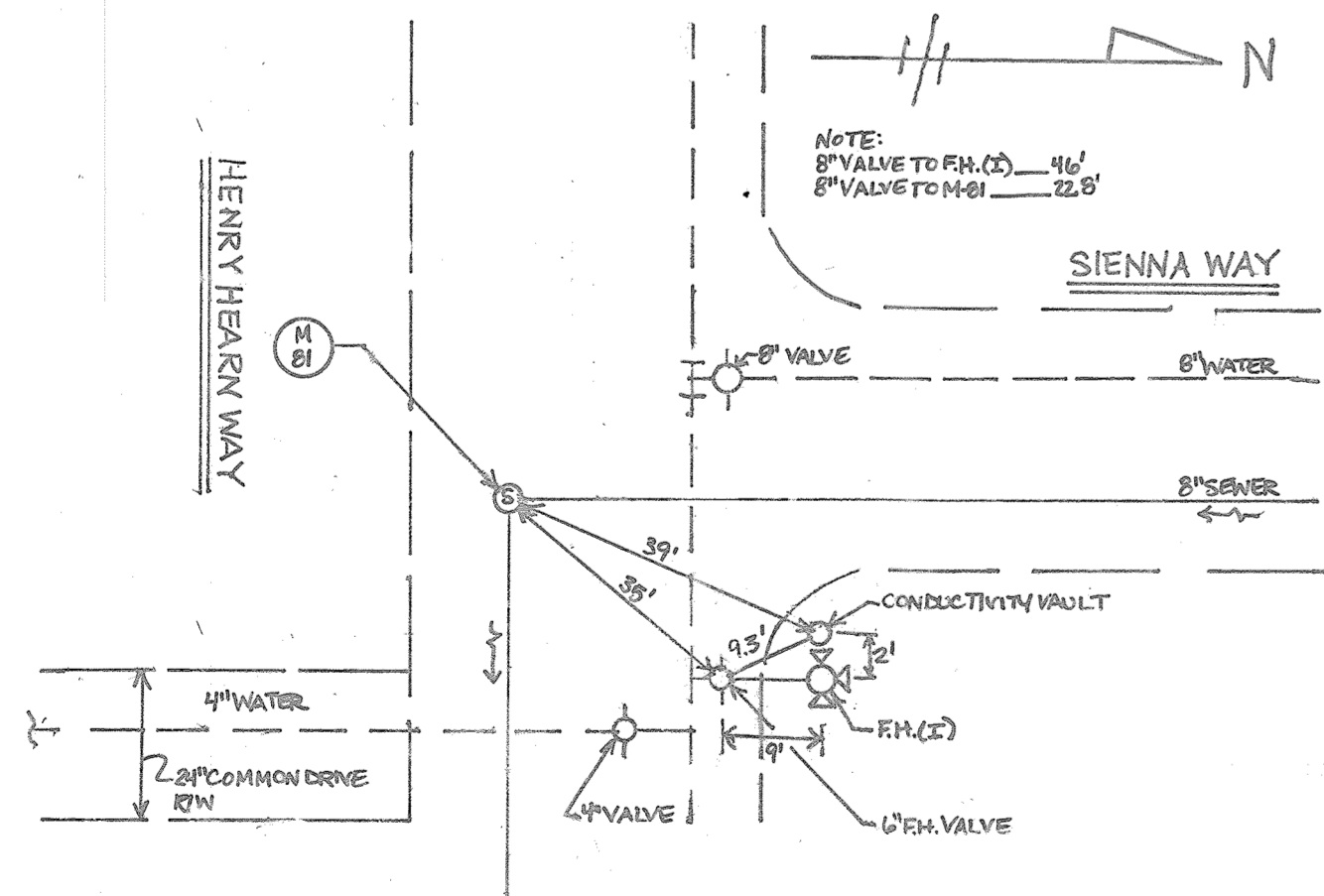
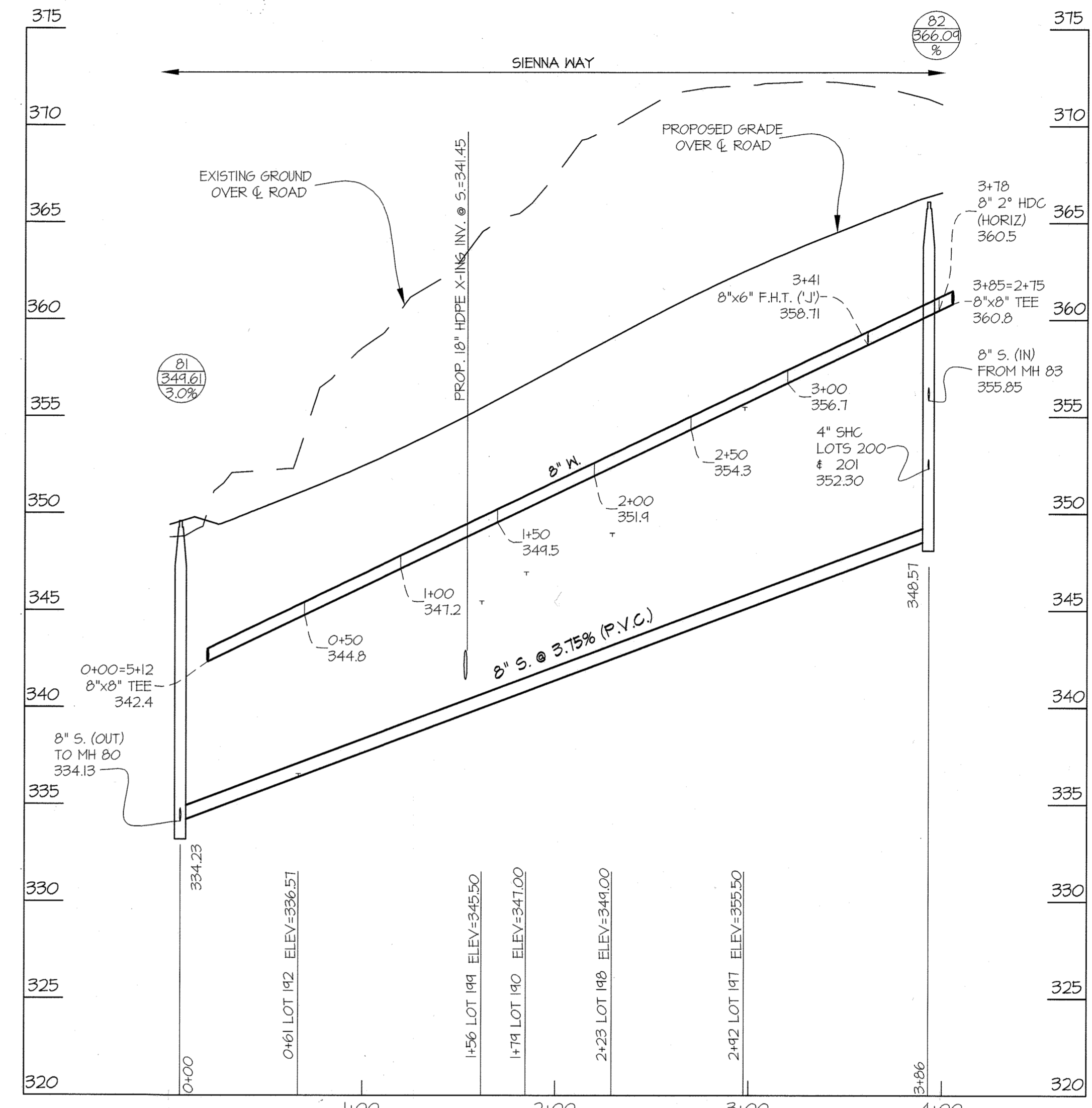
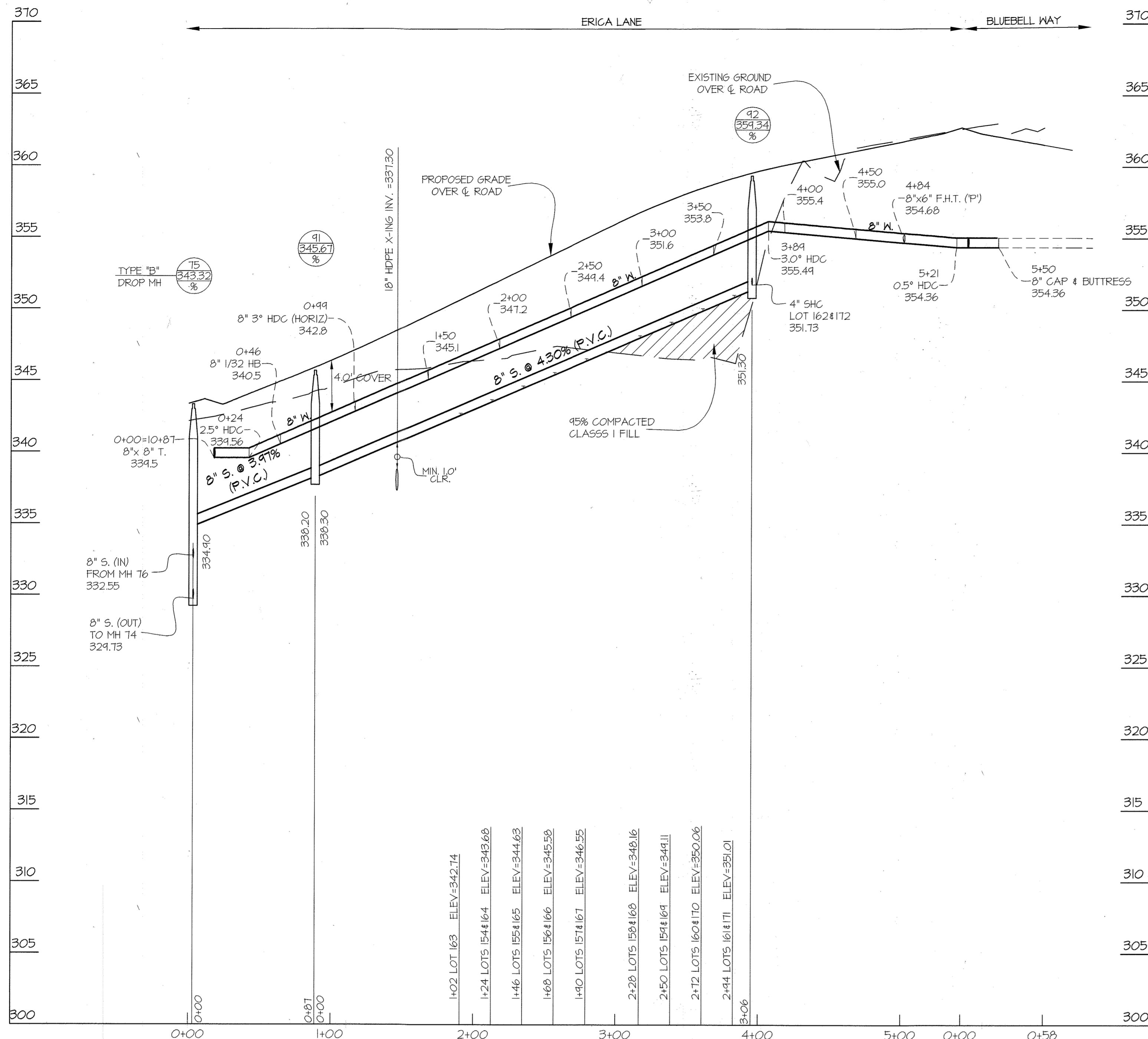
AWL	NO	REVISION	DATE
1		REVISED WATER PER CHANGE TO PVC	01/31/14
NO			

WATER and SEWER EXTENSION PLAN
600' SCALE MAP NO. 47 BLOCK NO. 2,3,8&9 ZONING: R-8D
WINGOPIA FARMS PHASE 3
LOTS 1 THRU 220 & OPEN SPACE LOTS 221 THRU 256
L 11388 F 733
HOWARD COUNTY, MARYLAND
ELECTION DISTRICT No. 6
CONTRACT No. 24-481-D TAX MAP: 47-3

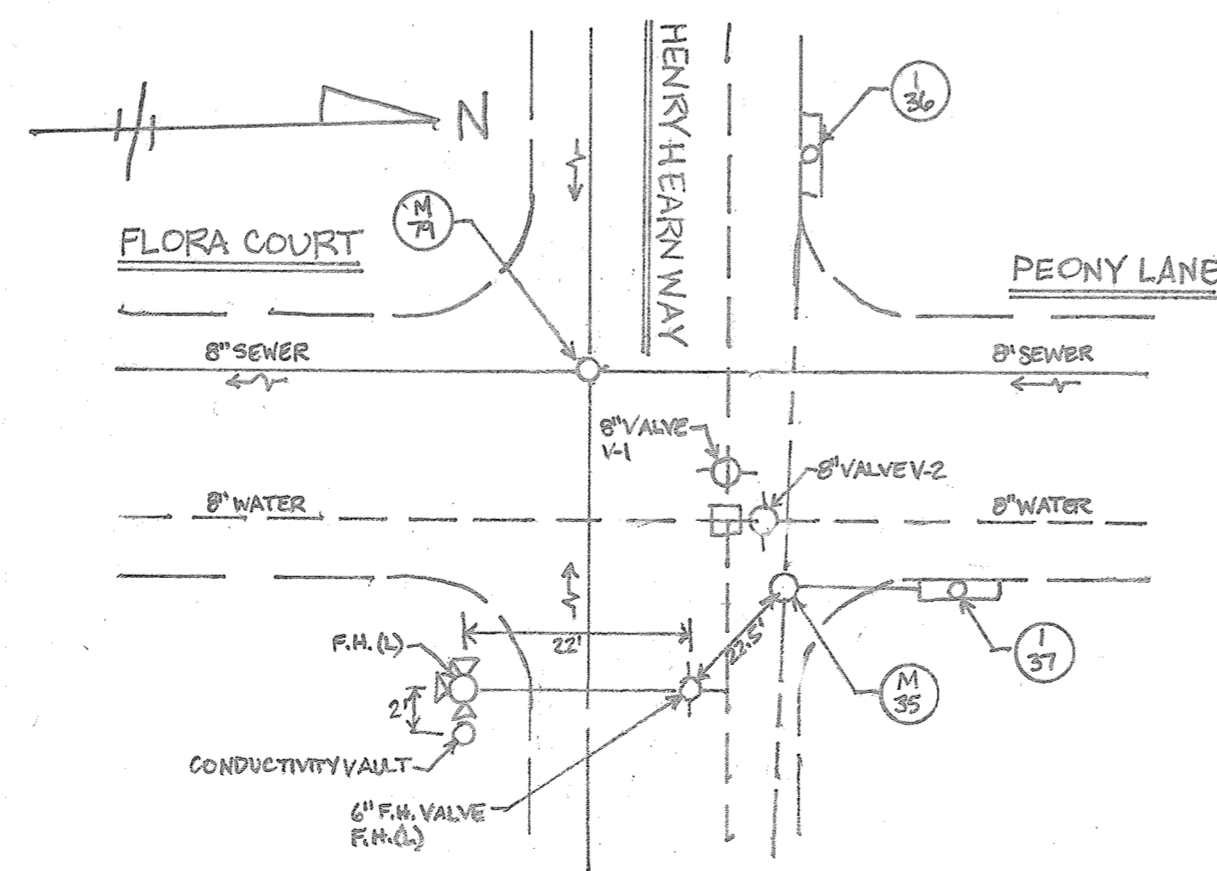
SCALE 1" = 50'
SHEET 3 OF 9

L:\CADD\DWG\PHASE 3\08052-FWS-WAT-SEW\FINAL WWS PLAN 2-3.dwg, PLOTTED: 2/25/2014 2:05 PM, LAST SAVED: 2/25/2014 1:53 PM, PLOTTED BY: Tony Leppner

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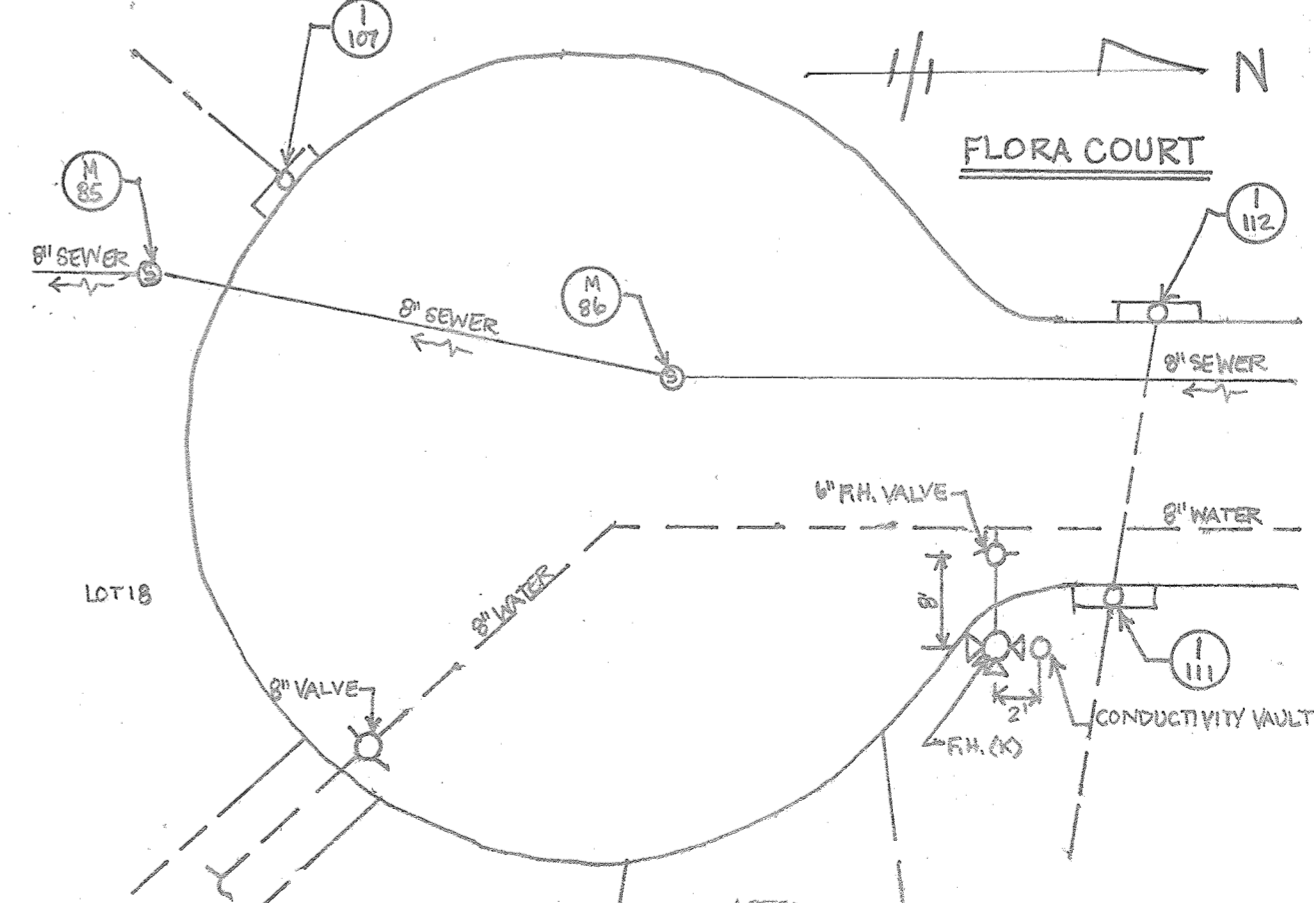


SKETCH - 1
HENRY HEARN WAY @ SIENNA WAY
NO SCALE



SKETCH - 2
HENRY HEARN WAY @ FLORA CT & PEONY LANE
NO SCALE

NOTES:
 8" F.V. VALVE TO 8" VALVE-1 21.5'
 8" F.V. VALVE-1 TO M-7 21.5'
 F.V. (S) TO 8" F.V. VALVE 22.0'
 F.V. (S) TO M-7 19.1'
 8" VALVE-2 TO 8" VALVE-2 3.5'
 8" VALVE-2 TO 8" F.V. VALVE 27.5'
 8" VALVE V-2 TO M-7 24.5'
 8" F.V. VALVE TO S.R. MH-35 22.5'



SKETCH - 3
FLORA COURT
NO SCALE

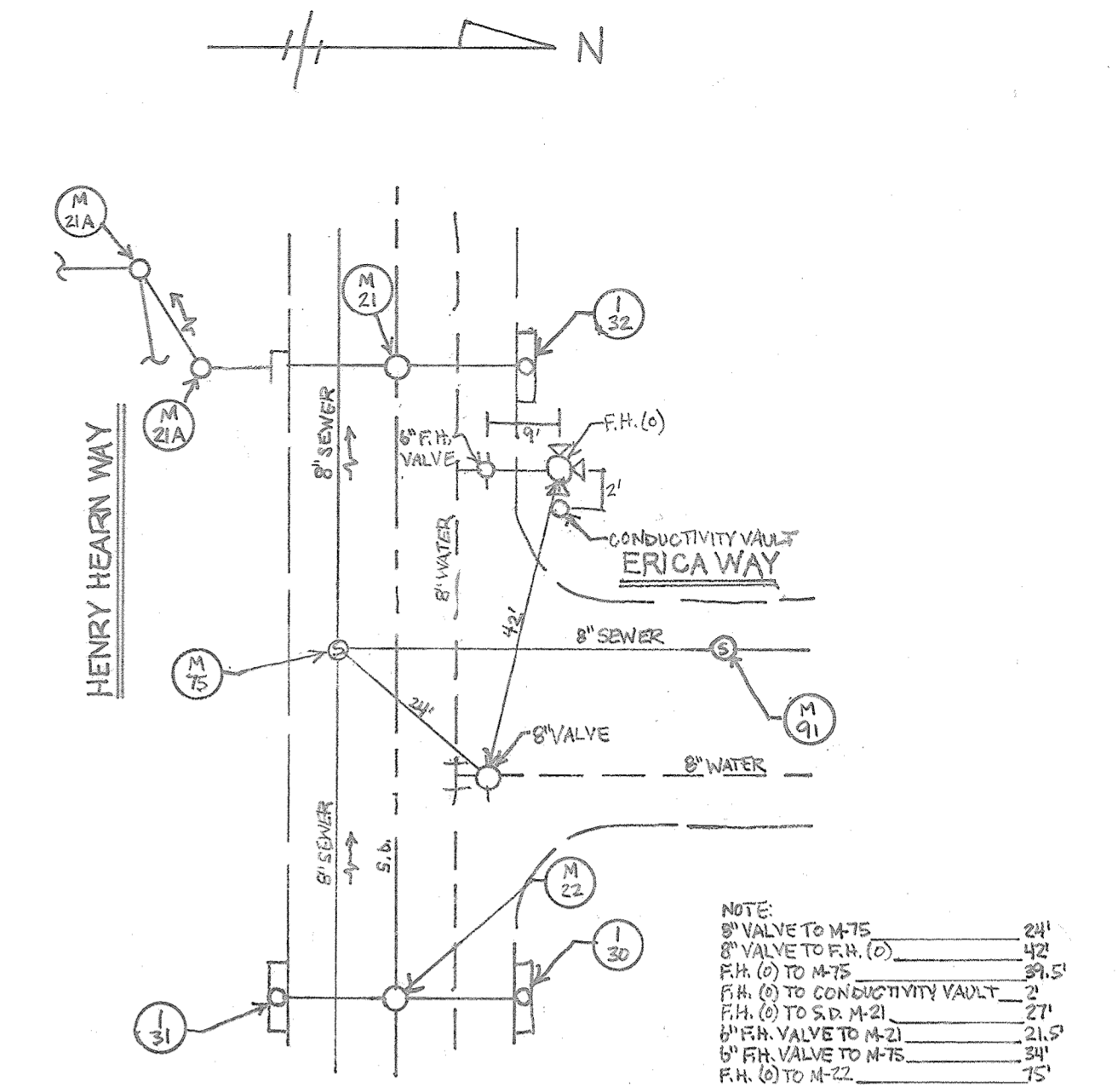
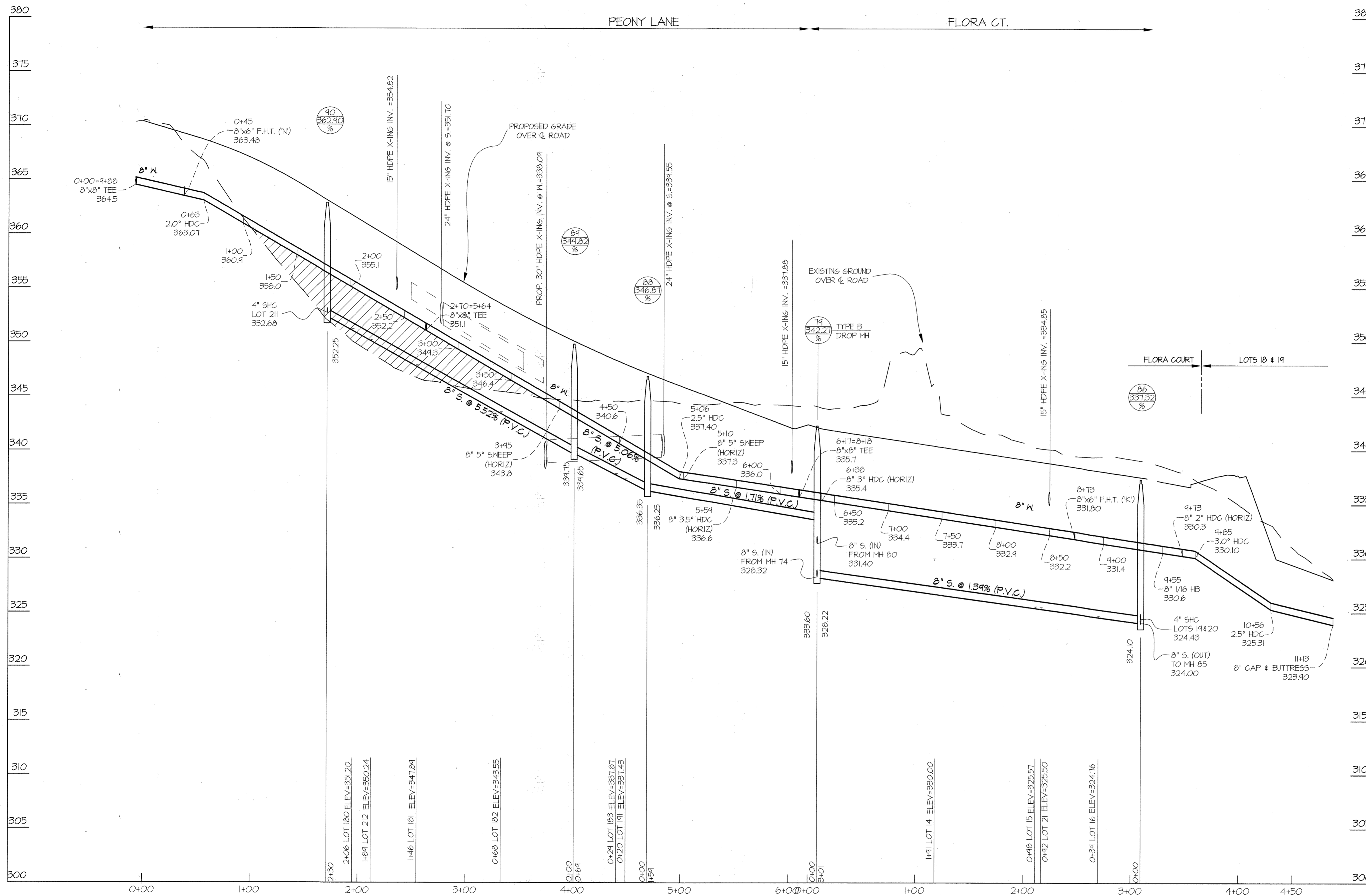
NOTES:
 8" VALVE TO M-55 76'
 8" VALVE TO M-55 50.5'
 F.V. (S) TO 8" F.V. VALVE 8'
 F.V. (S) TO CONDUCTIVITY VAULT 7'
 F.V. (S) TO M-56 64'
 F.V. VALVE TO M-56 61.5'
 F.V. VALVE TO CONDUCTIVITY VAULT 35'
 F.V. (S) TO INLET-111 25'
 F.V. (S) TO INLET-117 57'

AS BUILTS
 NO. 200 DATE 1-16-15

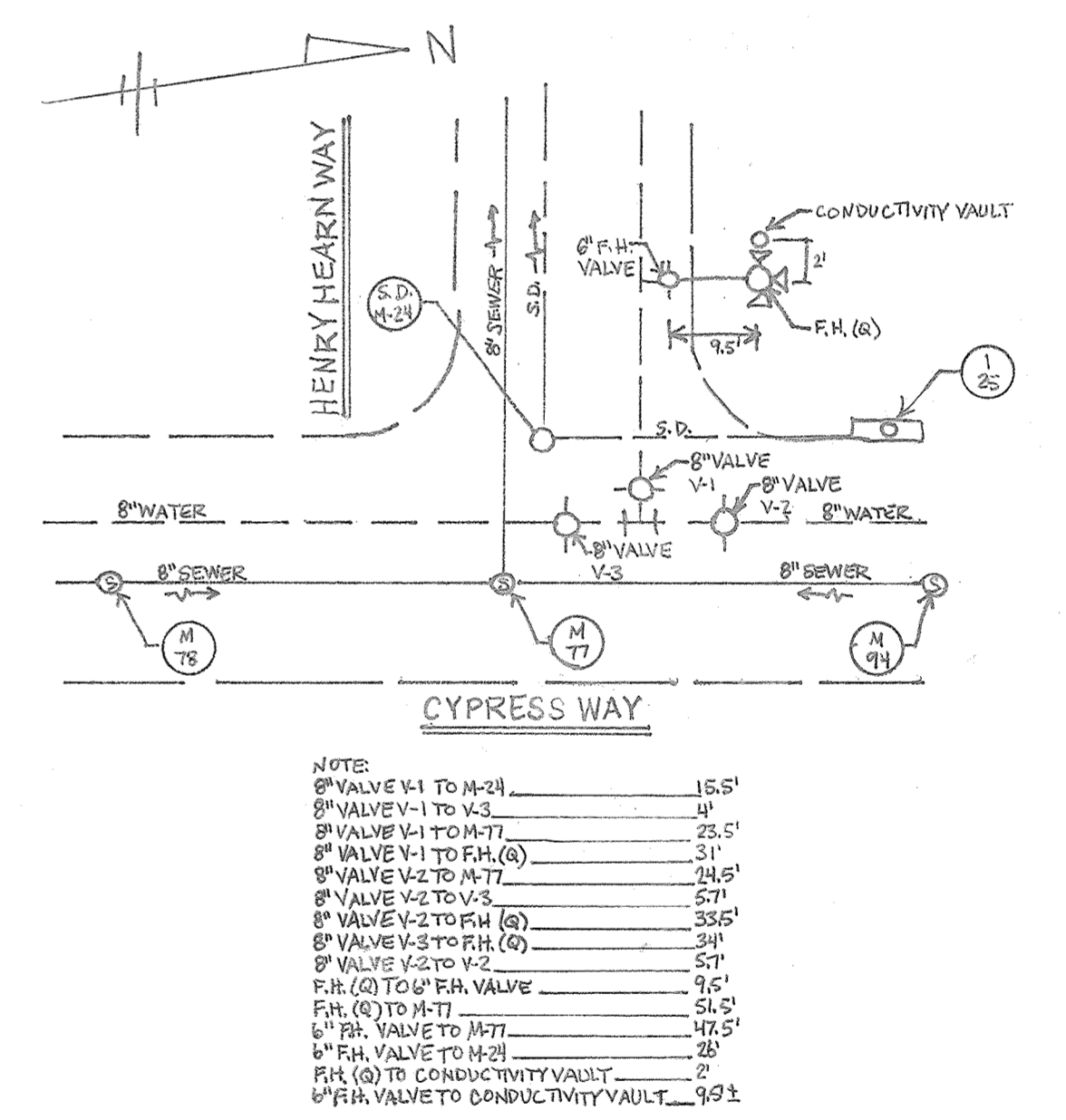
PREPARED FOR:
 BEAZER HOMES CORP.
 8965 GUILFORD RD., SUITE 290
 COLUMBIA, MD 21046
 ATTN: BRIAN KNAUFF
 410-381-3222

L:\CADD\DRAWINGS\08052\PHB-WAT-SEW\FINAL\WSS\PHASE 3\08052-FWS-4-7.dwg
 PLOTTED: 3/2/2014 12:26 PM, LAST SAVED: 3/2/2014 5:09 PM, PLOTTED BY: Tony Lenghi

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: 301-989-2524 FAX: 301-421-4166	DATE NOV., 2013	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, 2014 	AWL 1 REVISED WATER PER CHANGE TO PVC 01/31/14	WINCOPIA FARMS PHASE 3 LOTS 1 THRU 220 & OPEN SPACE LOTS 221 THRU 256 L-11388 F-725 HOWARD COUNTY, MARYLAND ELECTION DISTRICT No. 6 CONTRACT No. 24-4812-D TAX MAP-47-3	SCALE AS SHOWN SHEET 4 OF 9
			G.L.W. No. 08052		BY NO REVISION DATE 600' SCALE MAP NO. 47 BLOCK NO. 2,3,8&9 ZONING: R-ED		



SKETCH - 4
 HENRY HEARN WAY @ ERICA WAY
 No SCALE



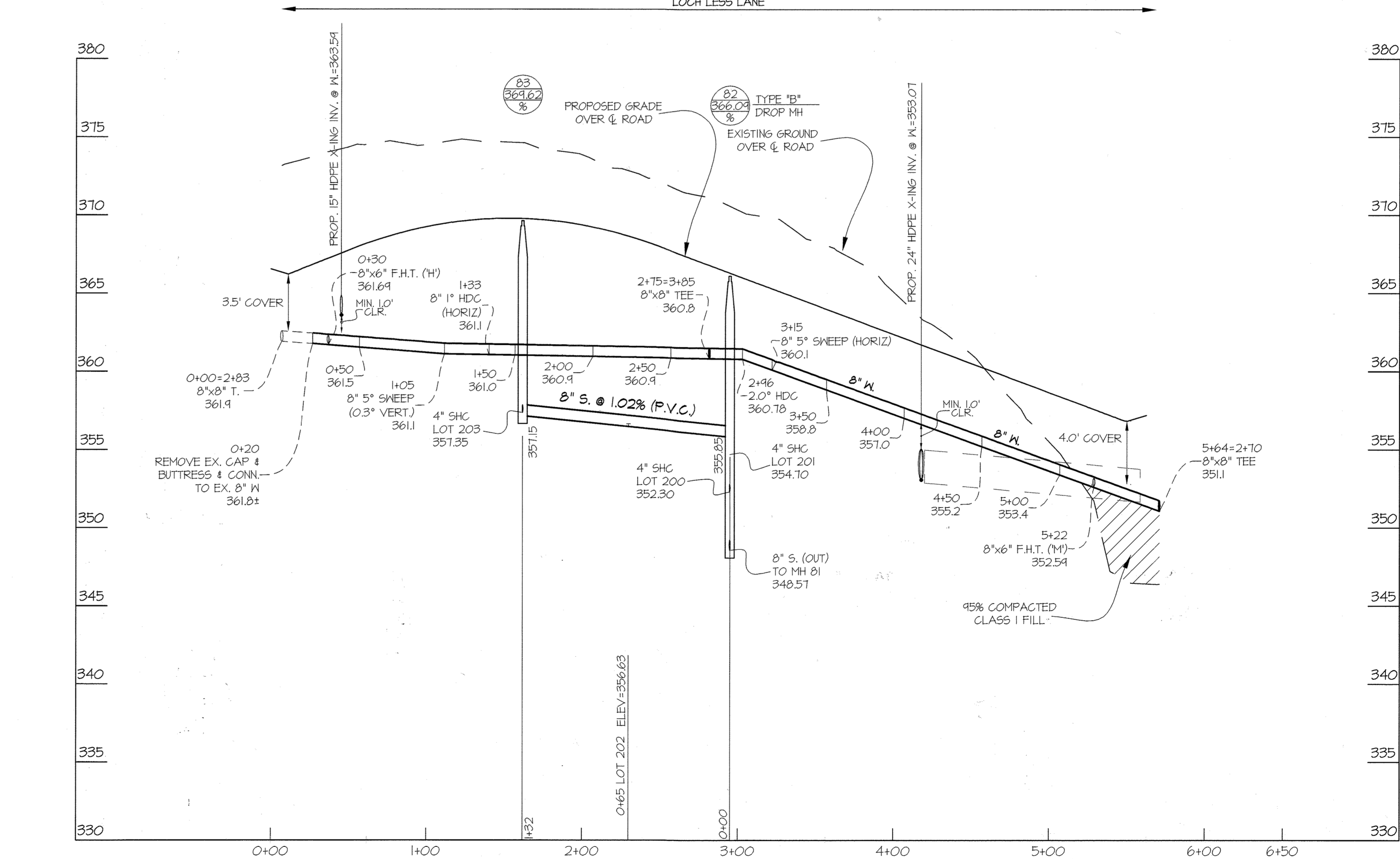
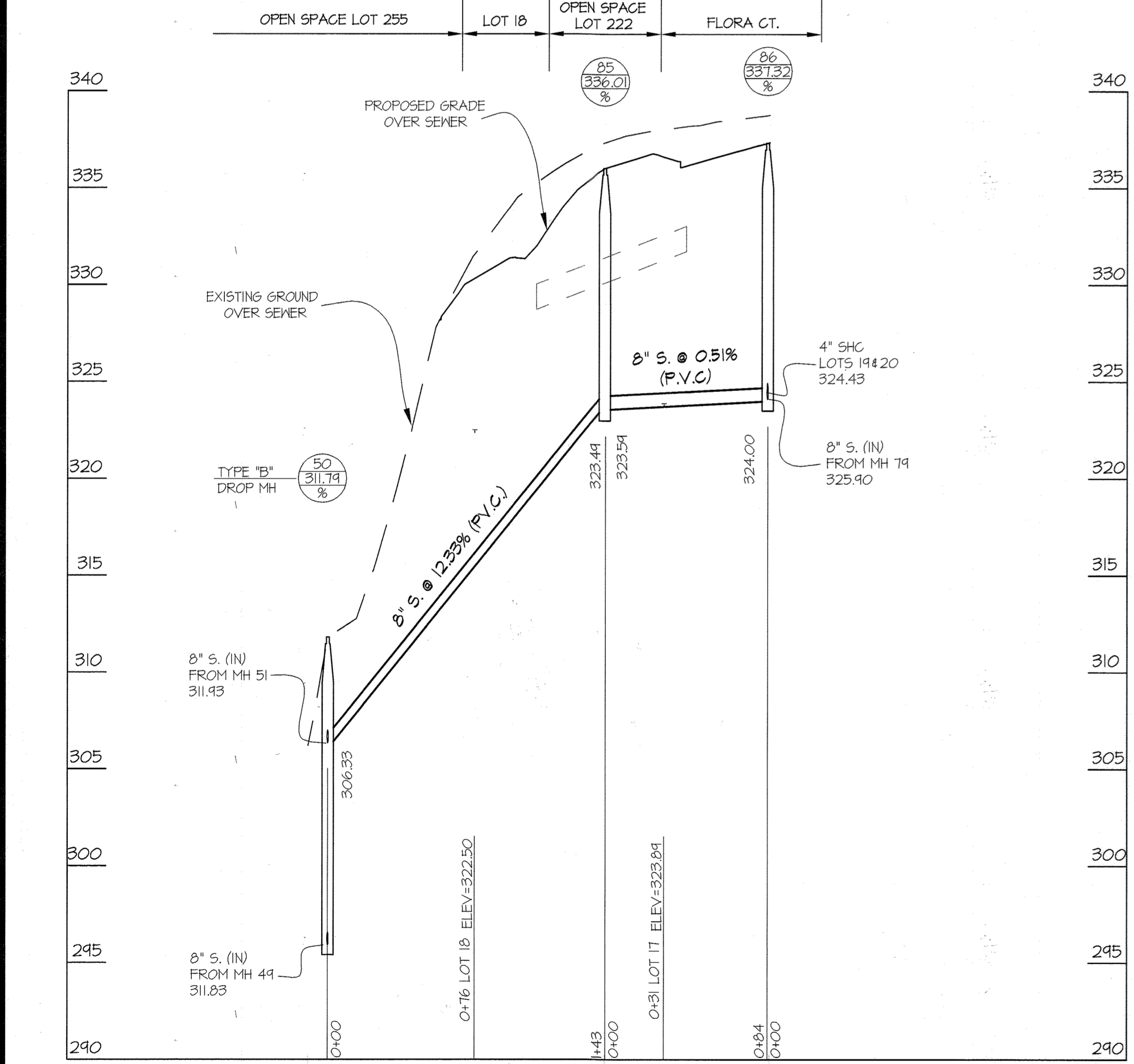
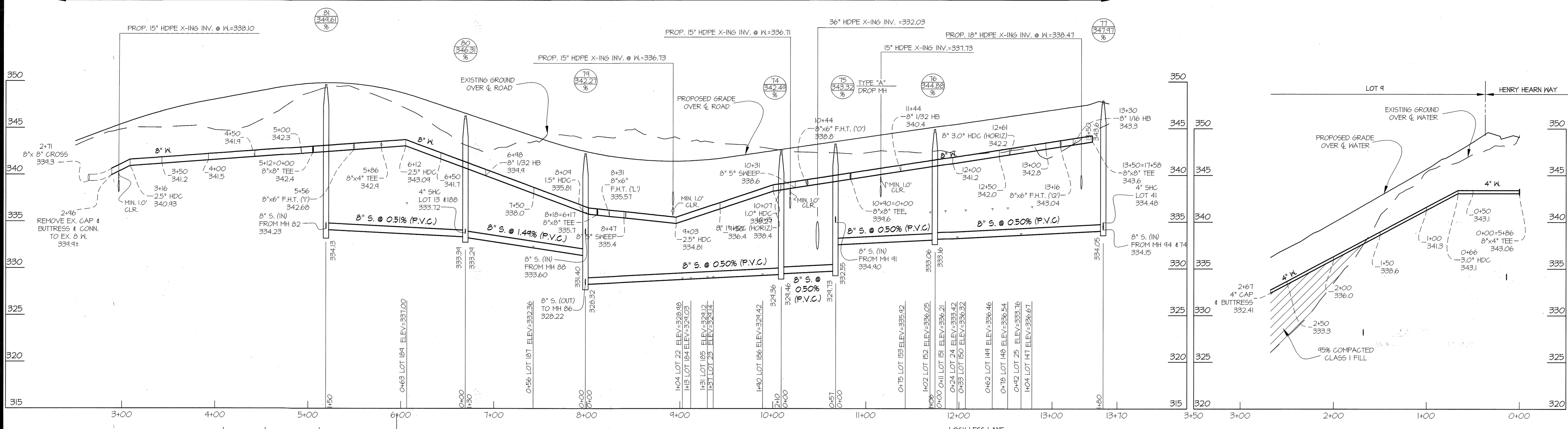
SKETCH - 5
 CYPRESS WAY @ HENRY HEARN WAY
 No SCALE

AS BUILTS
 03.03.15 DATE 1-16-15

PREPARED FOR:
 BEAZER HOMES CORP.
 8965 GUILFORD RD., SUITE 290
 COLUMBIA, MD 21046
 ATTN: BRIAN KNAUFF
 410-381-3222

L:\CAD\DRAWINGS\08052\10B-WA1-SEW\FINAL MKS\PHASE 3\08052-FWG-4-7.dwg
 PLOTTED 3/25/2014 12:25 PM. LAST SAVED 3/24/2014 5:09 PM. PLOTTED BY: Tony Leggett

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 BAL: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186	DATE NOV., 2013	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, 2014 	AWL 1 BY NO	REVISION REVISED WATER PER CHANGE TO PVC	DATE 1/31/14	WATER and SEWER PROFILES 600' SCALE MAP NO. 47 BLOCK NO. 2,3,8&9 ZONING: R-ED	WINCOPIA FARMS PHASE 3 LOTS 1 THRU 220 & OPEN SPACE LOTS 221 THRU 256 L-11388 E 725 HOWARD COUNTY, MARYLAND ELECTION DISTRICT No. 6 CONTRACT No. 24-4812-D TAX MAP: 47-3	SCALE AS SHOWN
			G.L.W. No. 08052		DES. Wsj DRN. Wsj CHK. DDS	DATE 3-5-14	SHEET 11 OF 9			

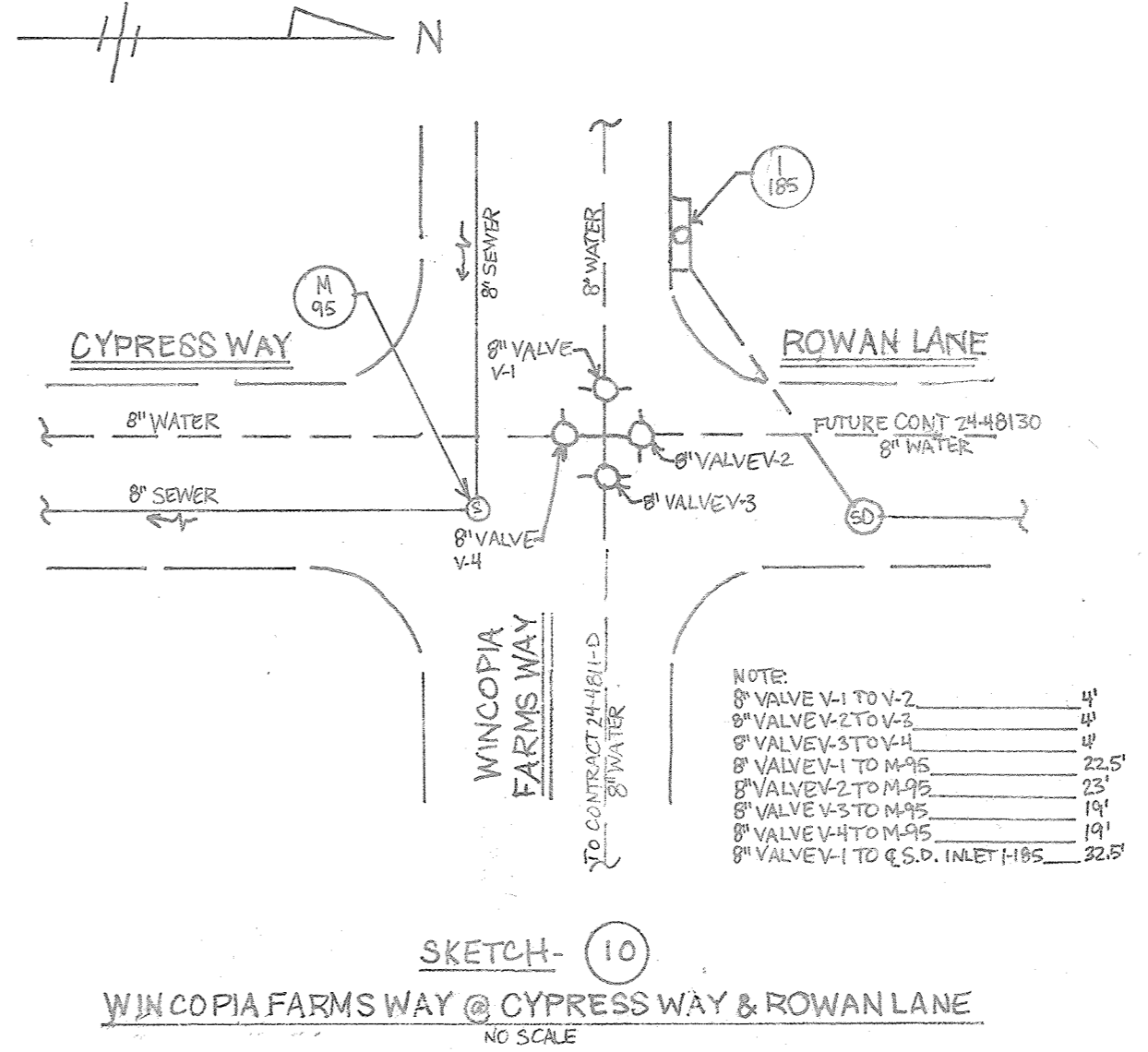
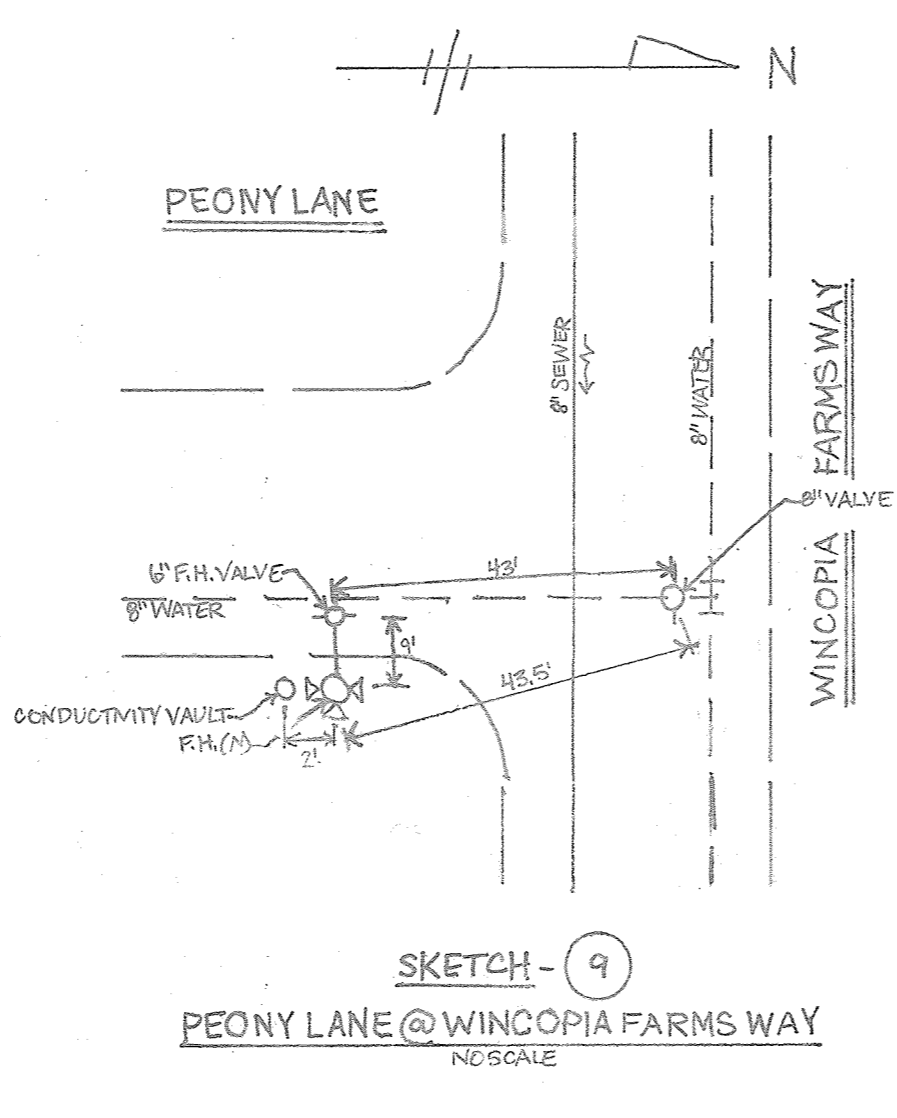
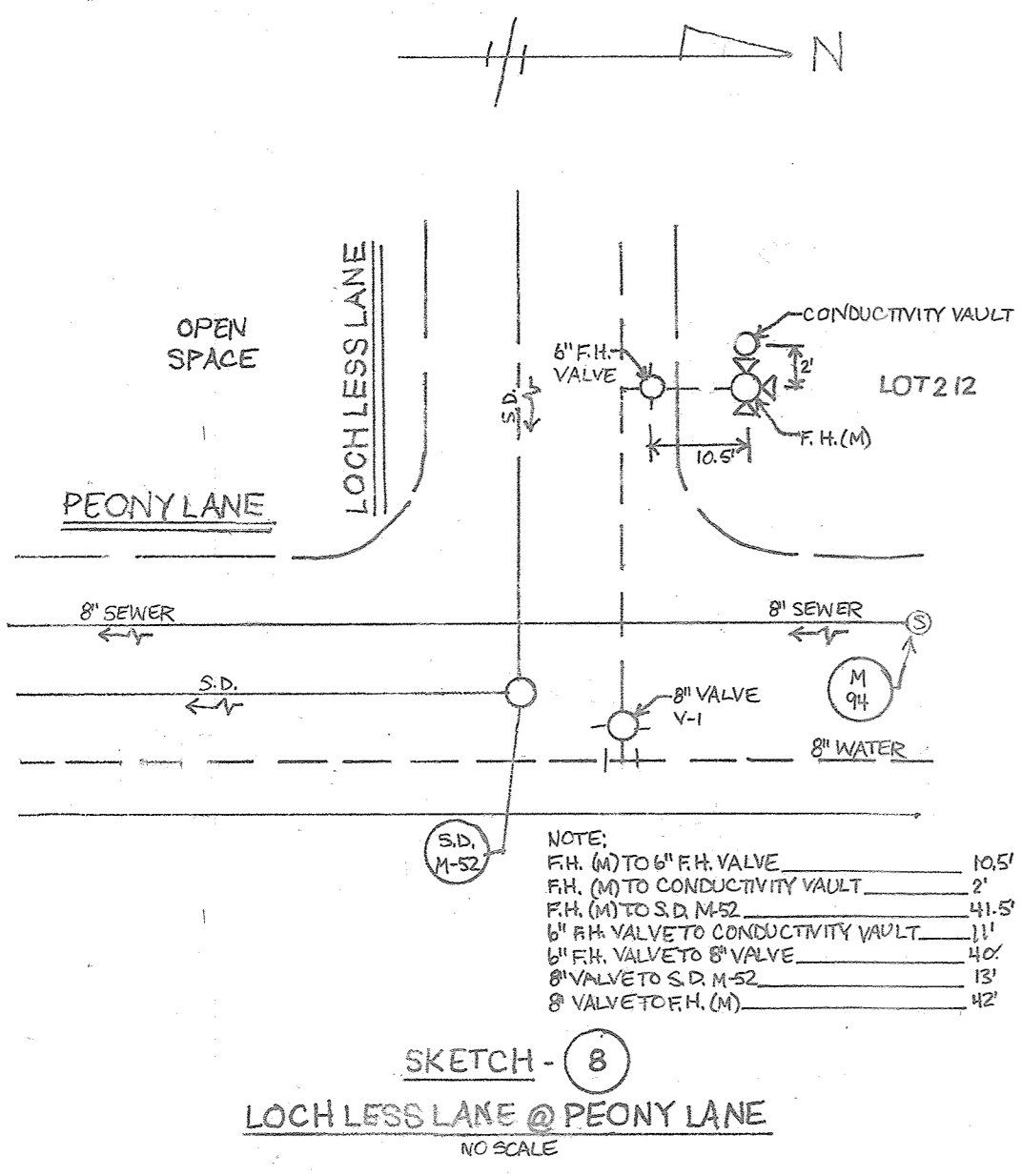
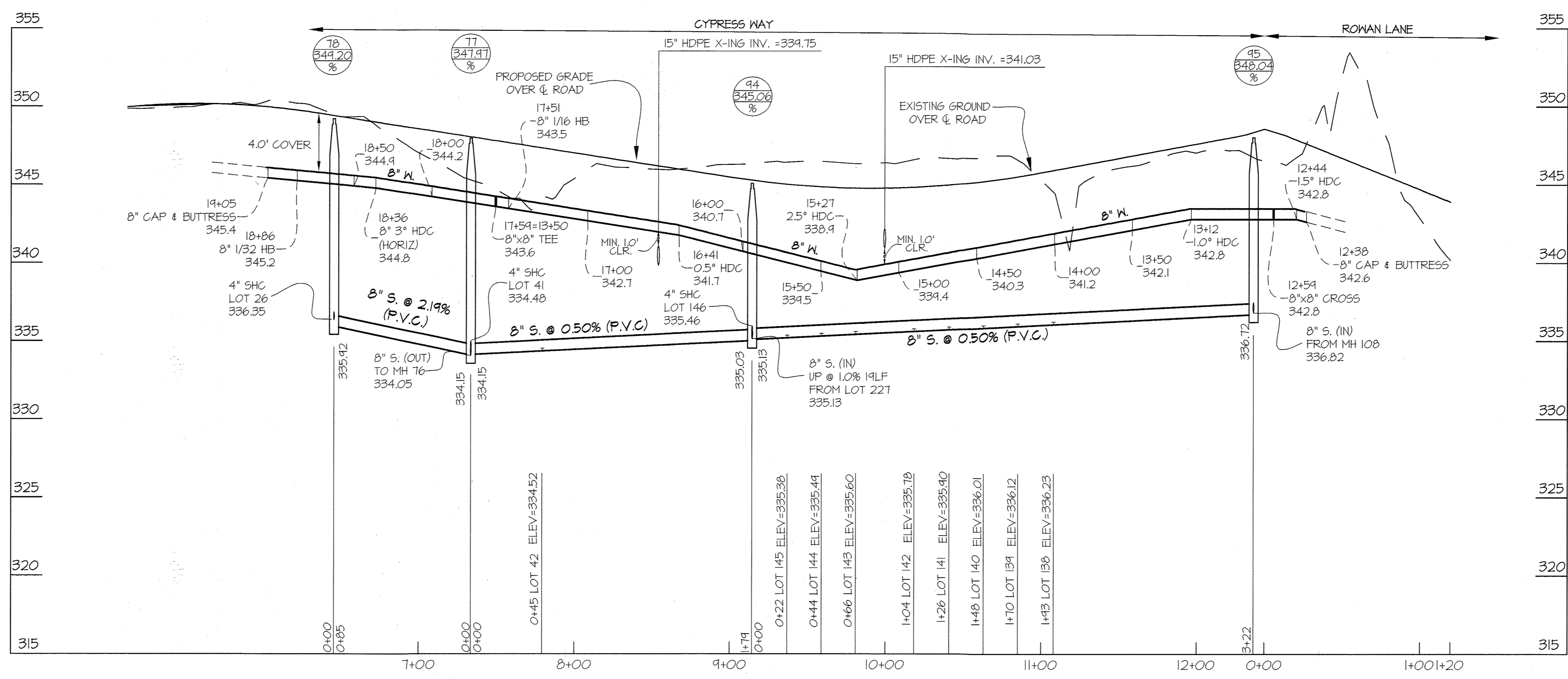
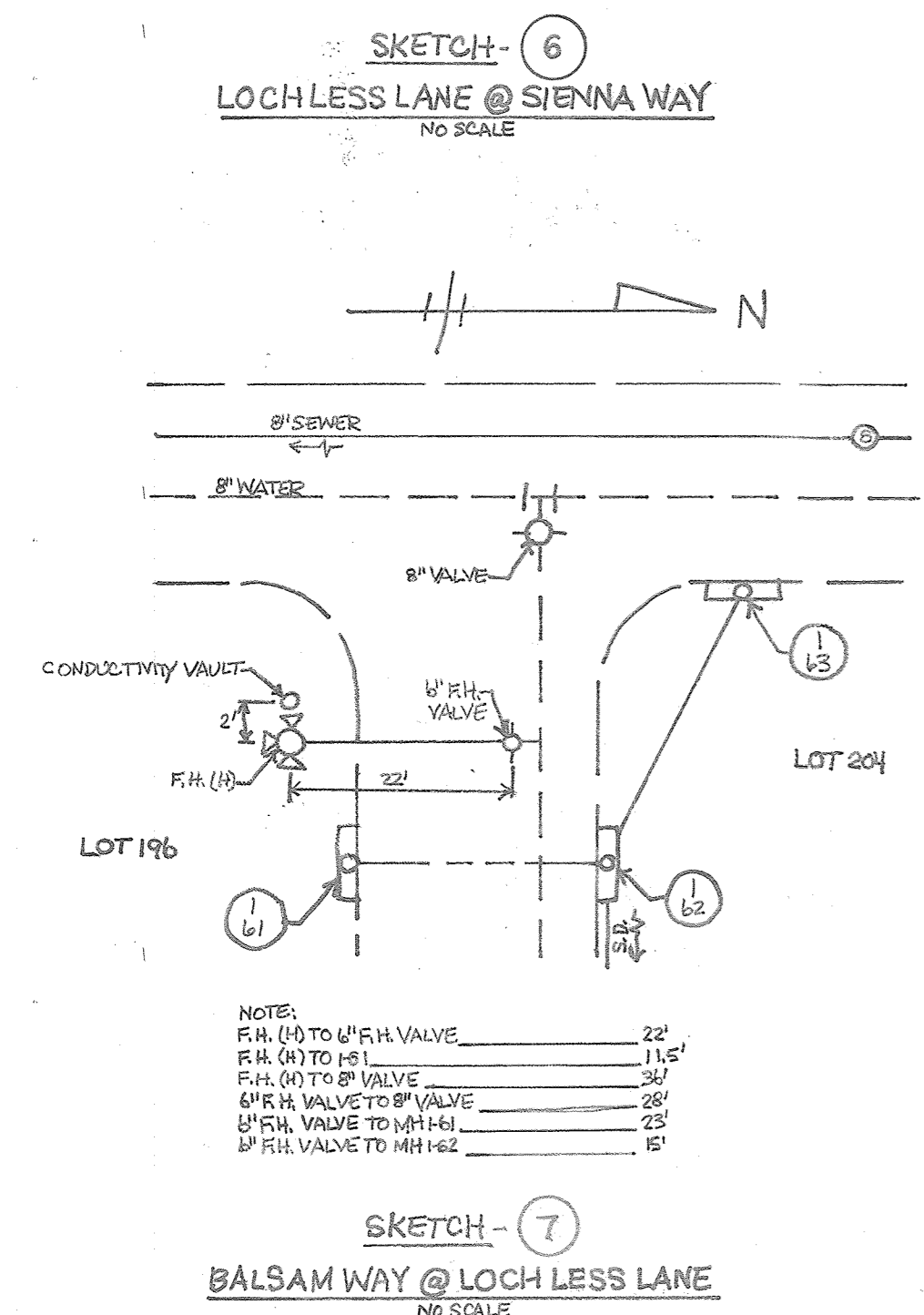
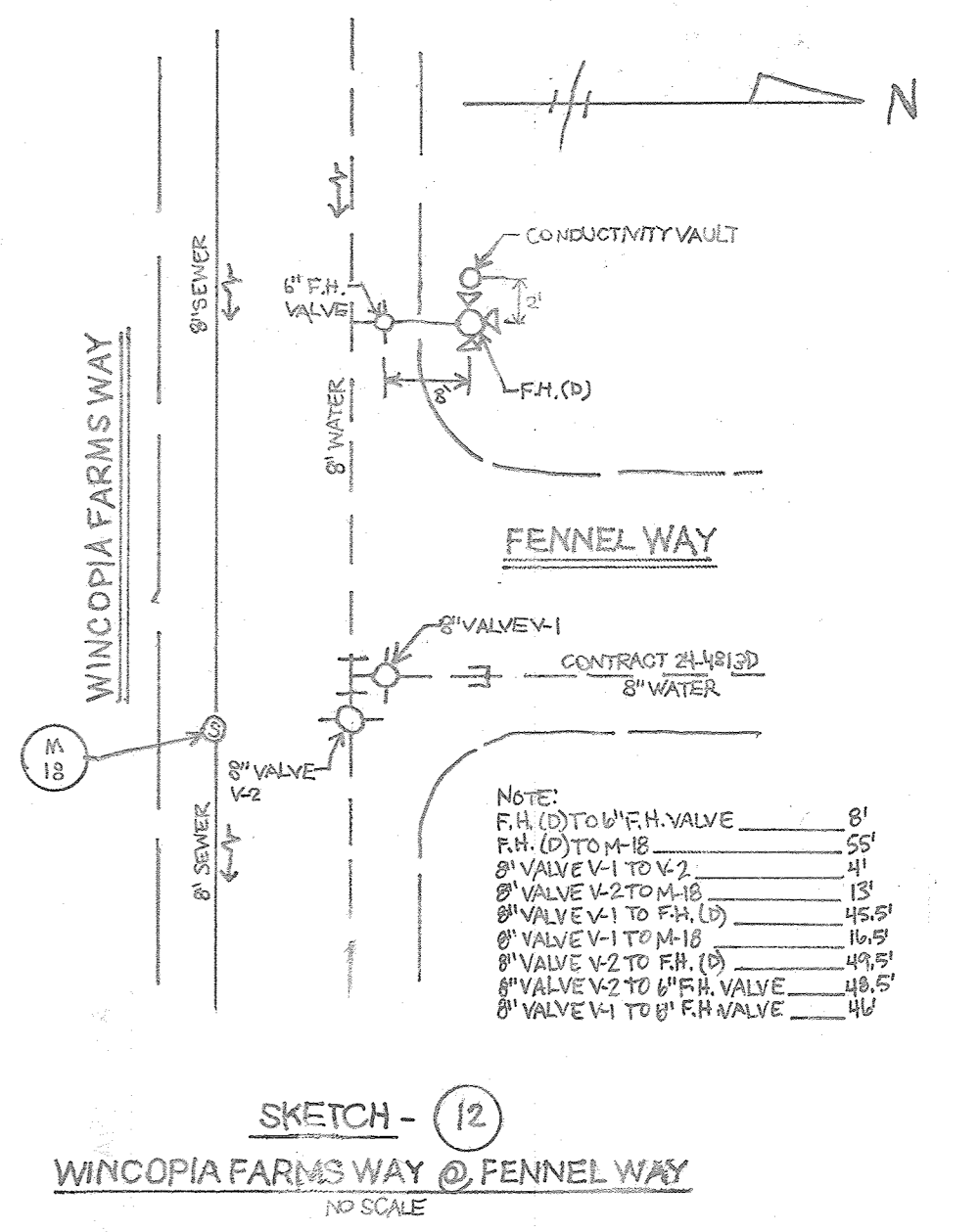
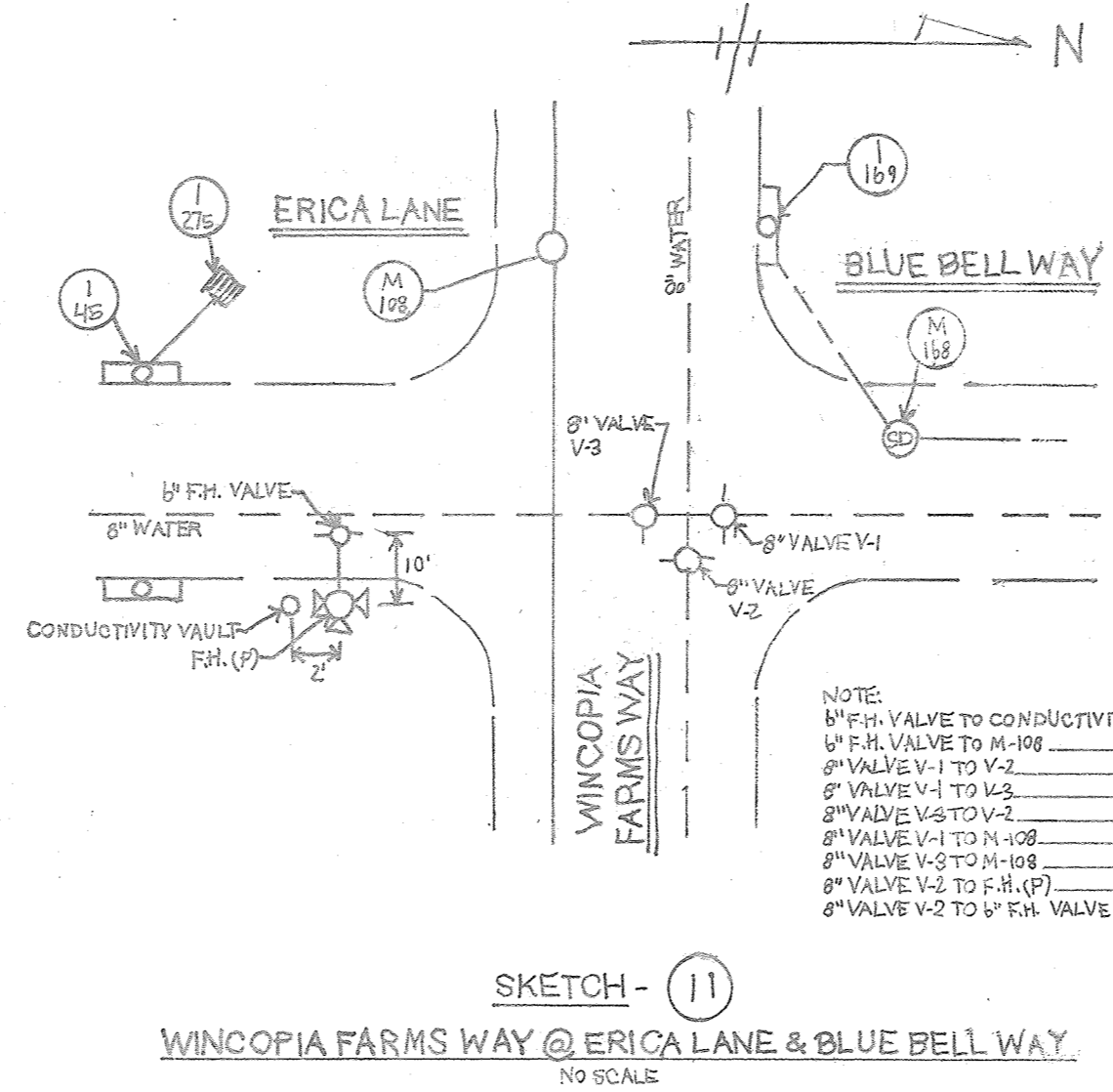
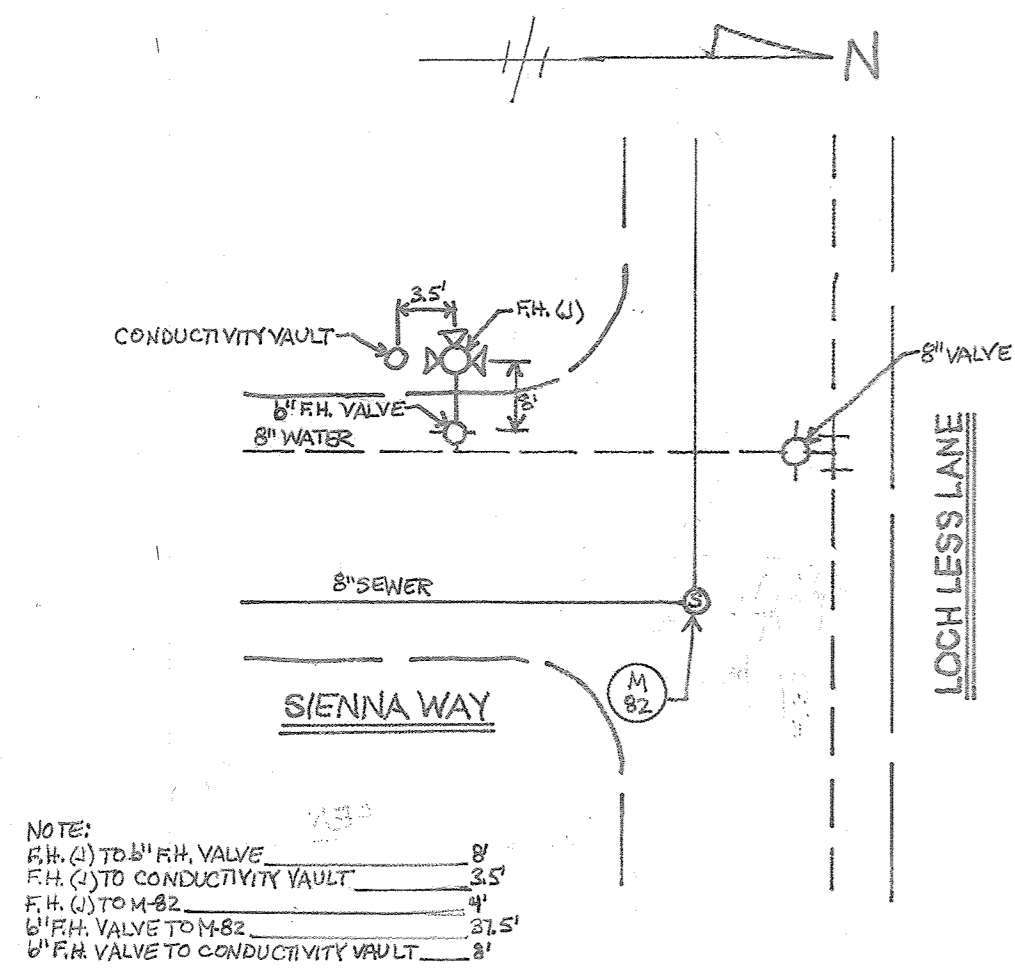


AS BUILT
BY: OPN DATE: 1-16-15

PREPARED FOR:
BEAZER HOMES CORP.
8965 GUILFORD RD., SUITE 290
COLUMBIA, MD 21046
ATTN: BRIAN KNAUFF
410-381-3222

L:\CAD\DRAWINGS\0855A\DWG-WAT-SEW\FINAL W&S\PHASE 3\0855A-FWG-4-7.dwg
PLOTTED: 3/2/2014 12:24 PM, LAST SAVED: 3/1/2014 5:09 PM, PLOTTED BY: Tony Leggett

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND <i>Steve Clemen</i> CHIEF, BUREAU OF UTILITIES	DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND <i>John E. Edwards</i> CHIEF, DEVELOPMENT ENGINEERING DIVISION	GLWGUTSCHICK LITTLE & WEBER, P.A. CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE ARCHITECTS BURTONSVILLE, MARYLAND 20866 TEL: 301-421-4024 BALT. 410-880-1820 DC/VA. 301-989-2524 FAX: 301-421-4186	DATE NOV., 2013	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. 12975-1 EXP. DATE: MAY 26, 2014 <i>3-5-14</i>	AWL1 1 REVISED WATER PER CHANGE TO PVC BY NO REVISION DATE	1/31/14	60' SCALE MAP NO. 47 BLOCK NO. 2,3,8&9 ZONING: R-ED	WINCOPIA FARMS PHASE 3 LOTS 1 THRU 220 & OPEN SPACE LOTS 221 THRU 256 L. 11388 P. 25 HOWARD COUNTY, MARYLAND ELECTION DISTRICT No. 6 CONTRACT No. 24-4812-D TAX MAP: 47-3	SCALE AS SHOWN
			G.L.W. No. 08052						SHEET 6 OF 9



L:\CAD\DRAWINGS\08052A-PUB-WAT-SEW\FINAL WKS\PHASE 3\08052-FIN-4-7.dwg
 PLOTTED: 3/2/2014 12:23 PM. LAST SAVED: 3/1/2014 5:09 PM. PLOTTED BY: Tony Leightner

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 Chief, Bureau of Utilities
 Date: 3/11/14

DEPARTMENT OF PLANNING AND ZONING
 HOWARD COUNTY, MARYLAND
 Chief, Development Engineering Division
 Date: 3-28-14

GLW GUTSCHICK 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 BAL: 410-880-1820 DC/WA: 301-989-2524 FAX: 301-421-4186

DATE NOV., 2013
 G.L.W. No. 08052

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, 2014
 3-5-14

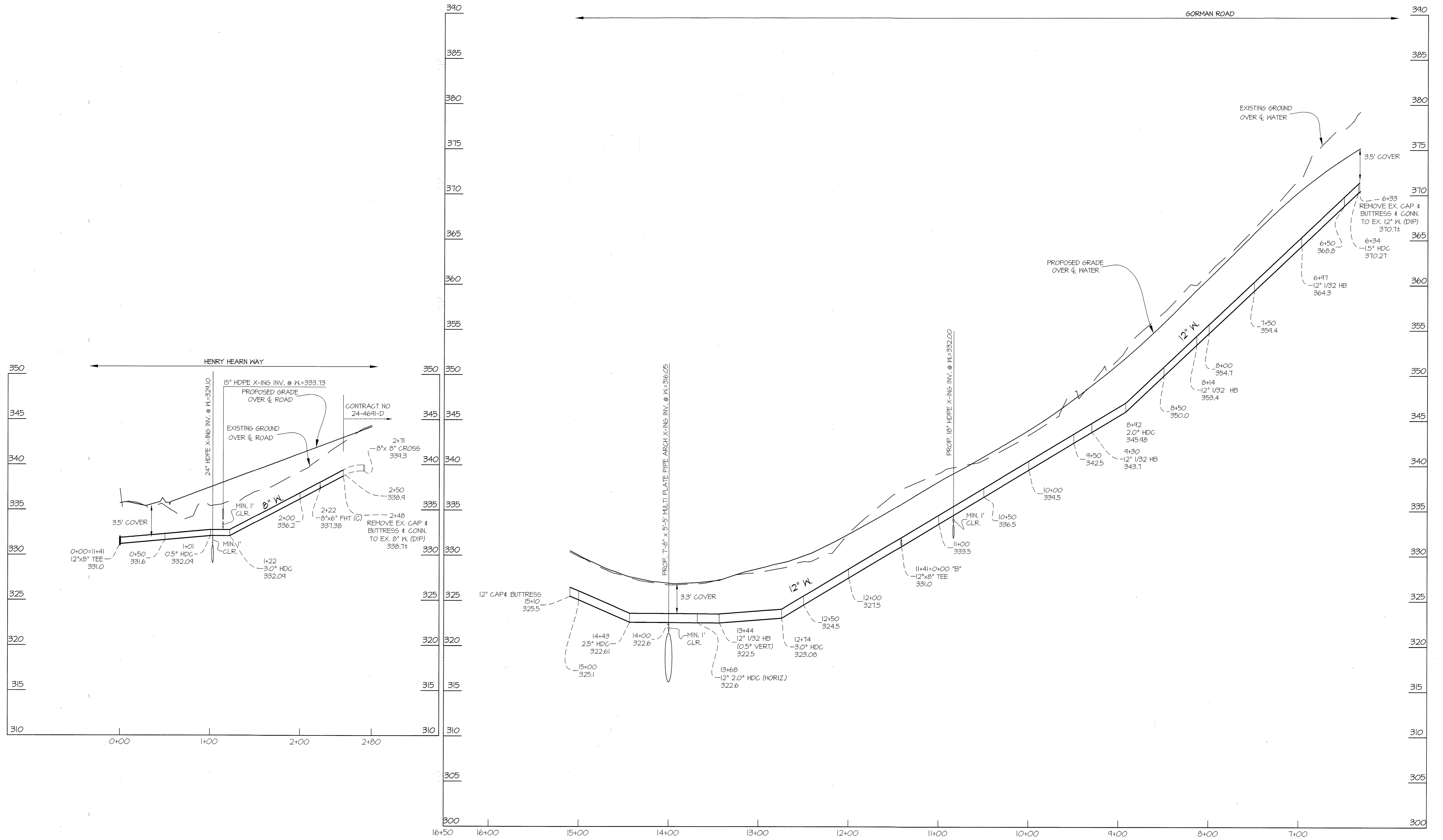
AWL	NO	REVISION	DATE
1	1	REVISED WATER PER CHANGE TO PVC	1/31/14
BY	NO	REVISION	DATE

WATER and SEWER PROFILES
 600' SCALE MAP NO. 47 BLOCK NO. 2,3,8&9
 ZONING: R-ED

WINCOPIA FARMS
 PHASE 3
 LOTS 1 THRU 220 &
 OPEN SPACE LOTS 221 THRU 256
 L. 11388 F. 725
 HOWARD COUNTY, MARYLAND
 ELECTION DISTRICT No. 6
 CONTRACT No. 24-4812-D TAX MAP: 47-3

SCALE AS SHOWN
 SHEET 7 OF 8

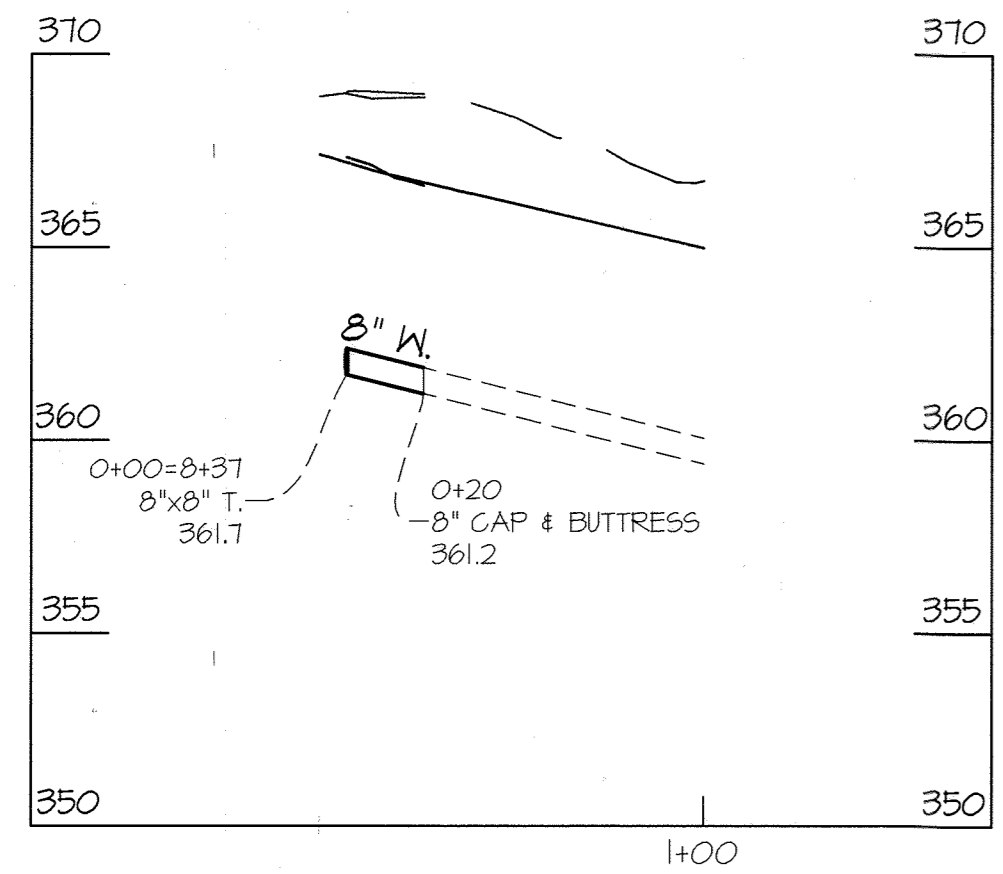
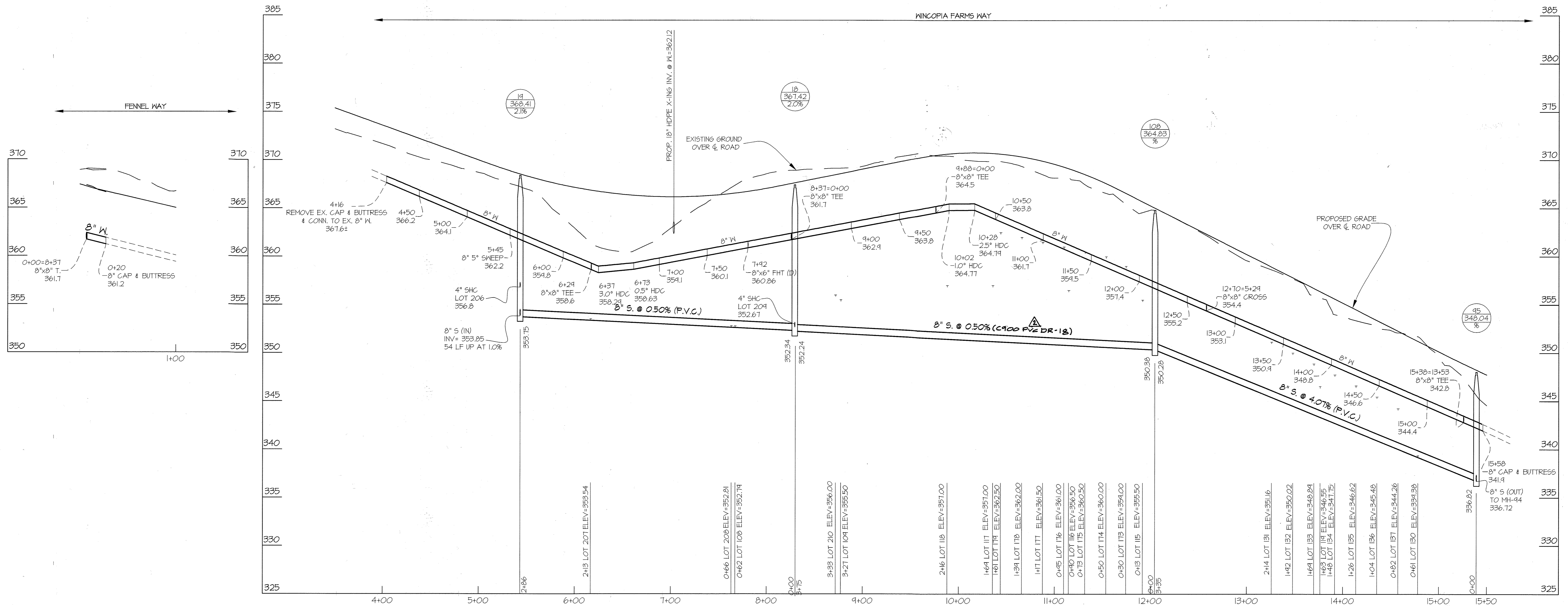
AS BUILT
 PREPARED FOR:
 BEAZER HOMES CORP.
 8965 GUILFORD RD., SUITE 290
 COLUMBIA, MD 21046
 ATTN: BRIAN KNAUFF
 410-381-3222



AS BUILT
 BY: DFI DATE: 1-16-15
 PREPARED FOR:
 BEAZER HOMES CORP.
 8965 GUILFORD RD., SUITE 290
 COLUMBIA, MD 21046
 ATTN: BRIAN KNAUFF
 410-381-3222

L:\CADD\DRAWINGS\08052\08052-PUB-WAT-SEW\PHASE 3\08052-PWS-8.dwg
 PLOTTED: 5/25/2014 12:28 PM, LAST SAVED: 3/27/2014 5:24 PM, PLOTTED BY: Tony Leggett

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND <i>Stuart C. Gorman</i> 5/14/14 CHIEF, BUREAU OF UTILITIES DATE	DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND <i>John J. Gorman</i> 3-28-14 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 20866 TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186	DATE NOV., 2013 G.L.W. No. 08052	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, 2014 <i>Stuart C. Gorman</i> 3-5-14	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">AWL</td> <td style="width: 5%;">1</td> <td style="width: 60%;">REVISED WATER PER CHANGE TO PVC</td> <td style="width: 30%;">01/24/14</td> </tr> <tr> <td>BY</td> <td>NO</td> <td>REVISION</td> <td>DATE</td> </tr> </table>	AWL	1	REVISED WATER PER CHANGE TO PVC	01/24/14	BY	NO	REVISION	DATE	WATER and SEWER PROFILES 600' SCALE MAP NO. 47 BLOCK NO. 2,3,8&9 ZONING: R-ED	WINCOPIA FARMS PHASE 3 LOTS 1 THRU 220 & OPEN SPACE LOTS 221 THRU 256 HOWARD COUNTY, MARYLAND ELECTION DISTRICT No. 6 CONTRACT No. 24-4812-D TAX MAP: 47-3	SCALE AS SHOWN SHEET 11 8 OF 9
AWL	1	REVISED WATER PER CHANGE TO PVC	01/24/14													
BY	NO	REVISION	DATE													



AS BUILTS
BY: [Signature] DATE: 1-16-15

PREPARED FOR:
BEAZER HOMES CORP.
8965 GUILFORD RD., SUITE 290
COLUMBIA, MD 21046
ATTN: BRIAN KNAUFF
410-381-3222

L:\CAD\DRAWINGS\08052\PLB-WA1-SEW\PLB-WA1-SEW\PHASE 3\08052-FWS-9.dwg
PLOTTED: 3/27/2014 12:30 PM. LAST SAVED: 3/27/2014 5:35 PM. PLOTTED BY: Tony Leggett

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND [Signature] 3/14/14 CHIEF, BUREAU OF UTILITIES DATE	DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND [Signature] 3-28-14 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 20866 TEL: 301-421-4024 BAL: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186	DATE NOV., 2013	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, 2014 [Signature]	<table border="1"> <tr> <td>3+</td> <td>AWL</td> <td>1</td> <td>SEWER PIPE MATERIAL REVISED FROM MH 18 - MH 108</td> <td>8/19/14</td> </tr> <tr> <td></td> <td></td> <td></td> <td>REVISED 8" W PER CHANGE TO PVC</td> <td>01/24/14</td> </tr> <tr> <td></td> <td></td> <td></td> <td>BY NO</td> <td>REVISION</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>DATE</td> </tr> </table>	3+	AWL	1	SEWER PIPE MATERIAL REVISED FROM MH 18 - MH 108	8/19/14				REVISED 8" W PER CHANGE TO PVC	01/24/14				BY NO	REVISION					DATE	WATER and SEWER PROFILES 600' SCALE MAP NO. 47 BLOCK NO. 2,3,8&9 ZONING: R-ED	WINCOPIA FARMS PHASE 3 LOTS 1 THRU 220 & OPEN SPACE LOTS 221 THRU 256 L-11388 F-725 HOWARD COUNTY, MARYLAND ELECTION DISTRICT No. 6 CONTRACT No. 24-4812-D TAX MAP: 47-3	SCALE AS SHOWN
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