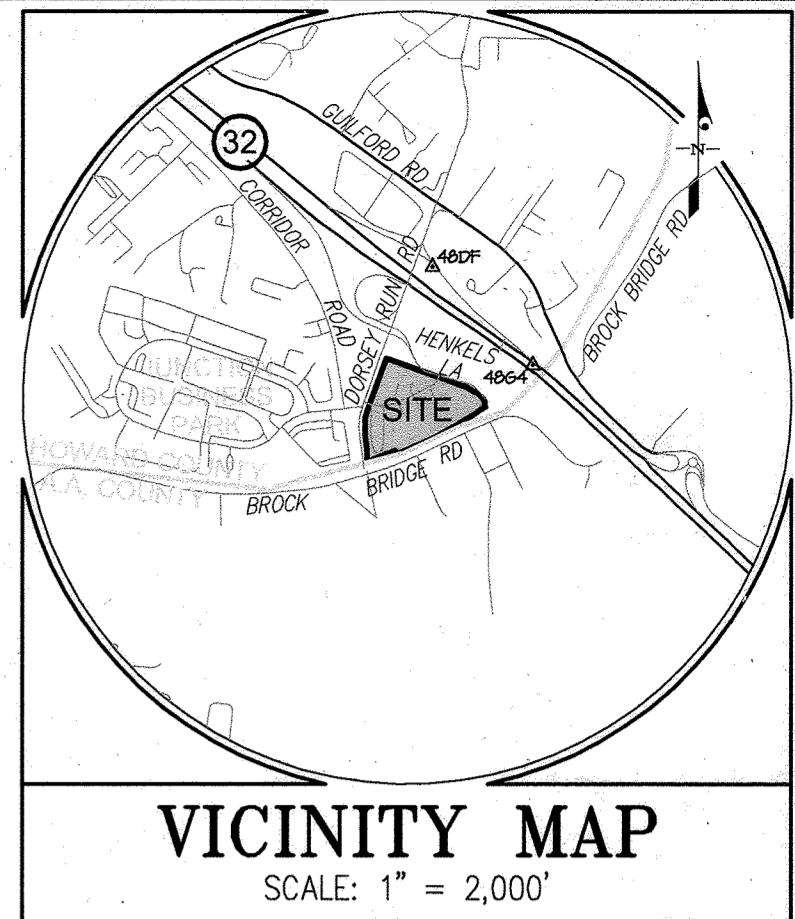


QUANTITIES				
ITEMS	QUANTITIES ESTIMATED	AS-BUILT		
		QUANTITIES	TYPE	MANUFACTURER/SUPPLIER
1-1/2" COPPER WATER	32 L.F.	32 L.F.	K	CAMBRIDGE LEE
4" (C400 DRIB PVC) WATER	31 L.F.	61 L.F.		NORTH AMERICAN PIPE
6" (C400 DRIB PVC) WATER	2.04 L.F.	192 L.F.		NORTH AMERICAN PIPE
8" (C400 DRIB PVC) WATER	1,342 L.F.	1,330 L.F.		NORTH AMERICAN PIPE
12" (C400 DRIB PVC) WATER	1,181 L.F.	1,181 L.F.		NORTH AMERICAN PIPE
12" DIP (CL 54) WATER	62 L.F.	62 L.F.		US PIPE
8" DIP (CL 54) WATER	20 L.F.	20 L.F.		US PIPE
12" 1/8 BEND	1 EA	1 EA		TYLER UNION - COATED
12" 1/2 BEND	13 EA	13 EA		TYLER UNION - COATED
12" 1/8 BEND	1 EA	1 EA		TYLER UNION - COATED
12" 5" SNEEP BEND	1 EA	1 EA		TYLER UNION - COATED
8" 1/2 BEND	3 EA	4 EA		TYLER UNION - COATED
8" 1/8 BEND	10 EA	10 EA		TYLER UNION - COATED
8" SNEEP BEND	1 EA	1 EA		TYLER UNION - COATED
8" 1/2 Bend	2 EA	2 EA		TYLER UNION - COATED
12" VALVE	10 EA	10 EA		RW GATE VALVES AMERICAN FLOW CONTROL
8" VALVE	6 EA	6 EA		RW GATE VALVES AMERICAN FLOW CONTROL
6" VALVE	1 EA	1 EA		RW GATE VALVES AMERICAN FLOW CONTROL
4" VALVE	1 EA	2 EA		RW GATE VALVES AMERICAN FLOW CONTROL
8"x8" TAPPING SLEEVE & VALVE	1 EA	1 EA		PCD STAINLESS STEEL
12"x8" REDUCER	2 EA	2 EA		TYLER UNION - COATED
12"x12" TEE	1 EA	1 EA		TYLER UNION - COATED
12"x8" TEE	3 EA	1 EA		TYLER UNION - COATED
12"x6" TEE	1 EA	1 EA		TYLER UNION - COATED
12"x4" TEE	1 EA	2 EA		TYLER UNION - COATED
8"x8" TEE	3 EA	3 EA		TYLER UNION - COATED
12"x6" FHT	4 EA	3 EA		TYLER UNION - COATED
8"x6" FHT	3 EA	3 EA		TYLER UNION - COATED
FIRE HYDRANT	1 EA	1 EA		AMERICAN FLOW CONTROL
6" (C400 DRIB PVC) SEWER	1,100 L.F.	1,100 L.F.		SM EAGLE/NORTH AMERICAN PIPE
4" SEWER MAIN (PVC)	8 L.F.	8 L.F.		SM EAGLE/NORTH AMERICAN PIPE
6" SEWER MAIN (PVC)	8 L.F.	8 L.F.		SM EAGLE/NORTH AMERICAN PIPE
8" SEWER MAIN (PVC)	1,844 L.F.	1,250 L.F.		SM EAGLE/NORTH AMERICAN PIPE
4" MANHOLE	15 EA	15 EA		ATLANTIC CONCRETE PROD.
24" STEEL CASING PIPE	7.4 L.F.			

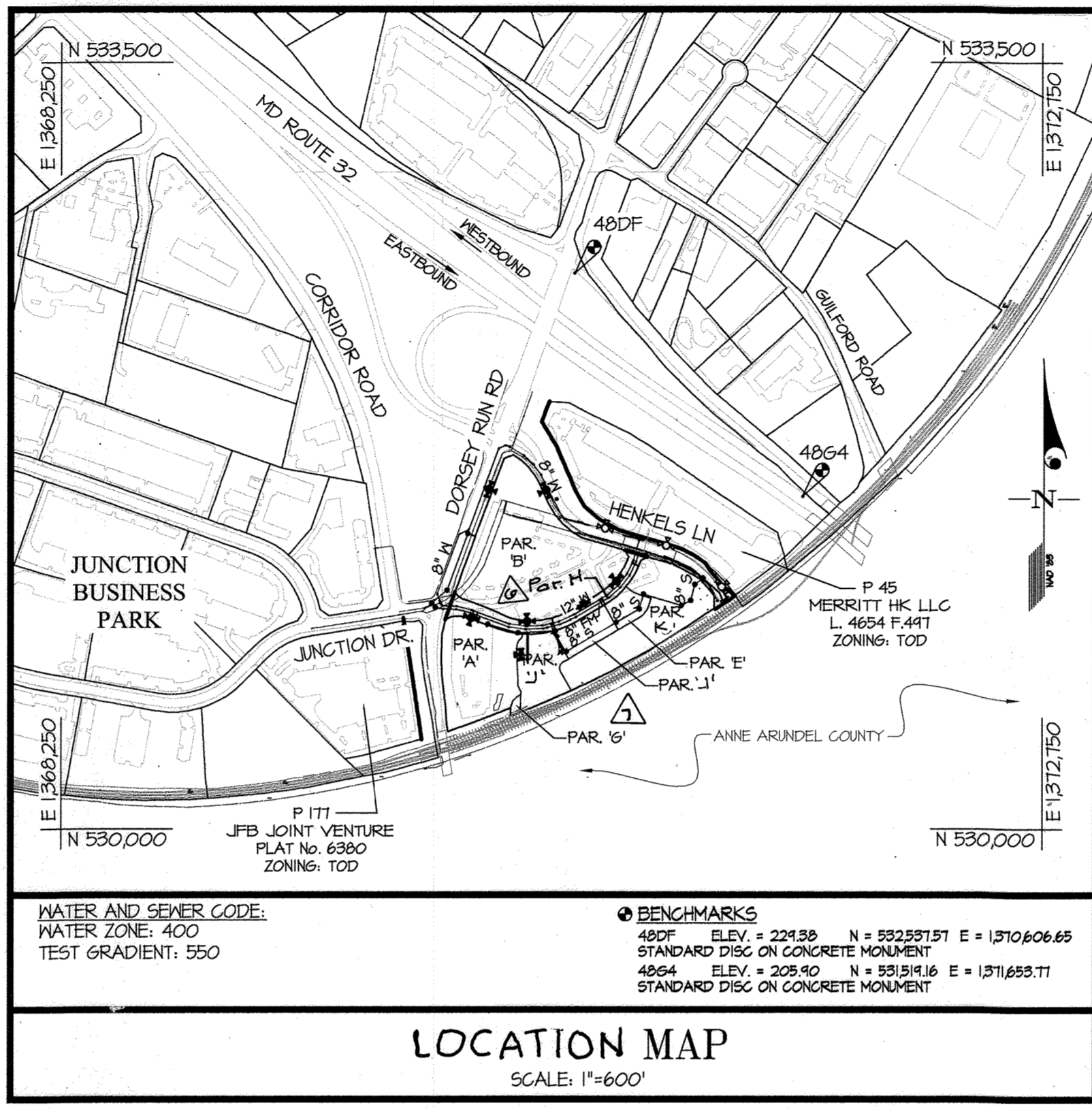
NAME OF UTILITY CONTRACTOR: DIXIE CONTRACTORS

SURVEY AND CHECKBOX: AS-BUILT DATE:



ADG MAP PAGE 41 GRID C-6

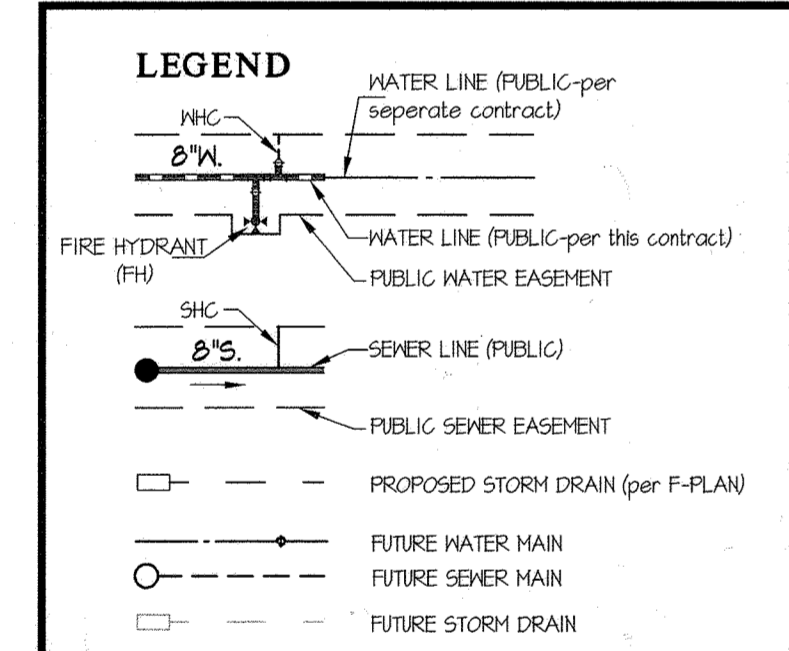
HOWARD COUNTY CONTROL STATIONS	
48DF	4864
NORTHING: 532,531.57	NORTHING: 531,519.16
EASTING: 1,310,606.65	EASTING: 1,371,653.77
ELEVATION: 224.30	ELEVATION: 205.40
STANDARD DISC ON CONCRETE MONUMENT	STANDARD DISC ON CONCRETE MONUMENT



WATER AND SEWER CODE: WATER ZONE: 400 TEST GRADIENT: 550

BENCHMARKS:
 48DF ELEV = 224.30 N = 532,531.57 E = 1,310,606.65 STANDARD DISC ON CONCRETE MONUMENT
 4864 ELEV = 205.40 N = 531,519.16 E = 1,371,653.77 STANDARD DISC ON CONCRETE MONUMENT

- 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 SEPTEMBER 5, 2006 BY CONTROL POINTS ASSOCIATES, INC. AND JUNE 2012 BY GUTSCHICK, LITTLE & WEBER, P.A.
 - 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. 4864 AND NO. 48DF.
 - ALL VERTICAL CONTROLS ARE BASED ON NAVD83. 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 BY THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO SCHEDULE THE BRACING OF THE POLES.
 - FOR DETAILS NOT SHOWN ON THE DRAWINGS, AND FOR MATERIALS AND CONSTRUCTION METHODS, USE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (LATEST EDITION). THE CONTRACTOR SHALL HAVE A COPY OF VOLUME IV ON THE JOB.
 - WHERE TEST PITS HAVE BEEN MADE ON EXISTING UTILITIES, THEY ARE NOTED BY THE SYMBOL AT THE LOCATIONS OF THE TEST PITS. A NOTE OR NOTES CONTAINING THE RESULTS OF THE TEST PIT OR PITS IN INCLUDED ON THE DRAWINGS. EXISTING UTILITIES IN THE VICINITY OF THE PROPOSED WORK FOR WHICH TEST PITS HAVE NOT BEEN MADE 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 |
| BSE (CONSTRUCTION SERVICES) | 410-697-8719 |
| BSE (EMERGENCY) | 410-698-0123 |
| BUREAU OF UTILITIES | 410-313-4400 |
| COLONIAL PIPELINE CO. | 410-745-1940 |
| M55 UTILITY | 1-800-291-7111 |
| 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)313-1450 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 10.14(A) OF THE HOWARD COUNTY CODE.



SHEET INDEX

- COVER SHEET
- WATER & SEWER PLAN
- WATER & SEWER PLAN (PHASE I)
- SEWER PROFILES
- WATER PROFILES (JUNCTION DRIVE)
- WATER PROFILES (DORSEY RUN RD & HENKELS LN)
- EXISTING CONDITIONS AND ABANDONMENT PLAN

TYPE OF BUILDING	RESIDENTIAL & COMMERCIAL
NUMBER OF UNITS	674
NUMBER OF S.H.C.'s	6
NUMBER OF W.H.C.'s	6
AREA OF COMMERCIAL LOT/PARCEL	9.90 ACRES
SEWER SHED	SAVAGE (LITTLE PATUXENT RIVER)
PUMPING STATION	N/A

DMR-22-027
 On July 11, 2012, DMR-22-027, requesting a waiver from section 5.4.09 (10 horizontal clearance between a public easement and permanent structure) of the Design Manual Vol. II, was approved. This waiver allows the sanitary sewer to remain under the proposed bldg, and allow the proposed canopy to be constructed above the sewer easement.

Note
 An easement has been conveyed as part of a plat of correction (Plat No. 25038) on Parcel H for the water, sewer, and sewer force main, which will be publicly owned and maintained by the County.

The plat of correction (Plat No. 25038) grants the County right-of-entry across Parcel H for maintenance purposes.

The curb, pavement, sidewalk, storm drain, street trees, street lights and striping within Parcel H will be privately owned and maintained by Annapolis Junction Town Center LLC.

CONTRACT No. 24-4788-D
ANNAPOLIS JUNCTION TOWN CENTER
AT SAVAGE STATION
PARCELS A THROUGH H
 (PART OF PARCEL A-1 AND ALL OF PARCELS A-2 THRU A-6, SAVAGE TOWNE CENTRE, PLAT NOS. 20130-10235, PART OF PARCEL B, GOLDEN KEY, PLAT NO. 5909 AND PART OF DORSEY RUN ROAD, SRC PLAT NO. 57272)

HOWARD COUNTY, MARYLAND
 DEPARTMENT OF PUBLIC WORKS

SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 308 OF THE SPECIFICATIONS AT FINAL ROAD PLAN STAGE.
SDP-13-048

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED: *John K. Holzman* 7/30/13
 HOWARD, S.C.D.

PREPARED FOR:
 ANNAPOLIS JUNCTION TOWN CENTER, LLC
 4816 DEL RAY AVENUE
 BETHESDA, MD 20815
 ATTN: PETER ZADORETZKY

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND <i>John C. Green</i> 7/10/13 CHIEF, BUREAU OF UTILITIES	DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND <i>[Signature]</i> 8/5/13 CHIEF, DEVELOPMENT ENGINEERING DIVISION	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: 410-850-1800 DC/VA: 301-389-2524 FAX: 301-421-4186	DATE JAN. 2013 G.L.W. No. 11107 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	REVISED WATER/SEWER QUANTITIES PER PLAN CHANGES 9/14/2012 REVISED TO INCLUDE PARCEL H ASSOCIATED NOTE 7/20/13 AS-BUILT REVISIONS 11/11/13 Update quantities for 8" water relocation in Henkels Lane 11/18/2014 Update quantities per plan changes 7/17/2014	COVER SHEET 600' SCALE MAP NO. 48 BLOCK NO. 20	ANNAPOLIS JUNCTION TOWN CENTER AT SAVAGE STATION CONTRACT No. 24-4788-D (PART OF PARCELS A-1 AND ALL OF PARCELS A-2 THRU A-6, SAVAGE TOWNE CENTRE, PLAT NOS. 20130-10235, PART OF PARCEL B, GOLDEN KEY, PLAT NO. 5909 AND PART OF DORSEY RUN ROAD, SRC PLAT NO. 57272) HOWARD COUNTY, MARYLAND ELECTION DISTRICT No. 6	SCALE AS SHOWN SHEET 1 OF 7
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L:\CAD\DRAWINGS\1107\PLANS BY GLW\110708-COVER.dwg PLOTTED: 7/17/2013 2:34 PM, LSE, 6460, 7/17/2013 2:34 PM, PLOTTED BY: [Name]

FITTING CHART		
STATION	FITTING	NAD '83/91 COORDINATES
WATERLINE 'A' (8" W - DORSEY RUN RD & HENKELS LN)		
0+00	12"x12" TEE	N 531,033.6 E 1364,941.9
0+07	12"x8" REDUCER	N 531,040.0 E 1364,949.3
0+42	8" 1/8 HB	N 531,073.3 E 1364,911.2
3+33	8" 1/8 HB	N 531,345.9 E 1370,071.8
3+82	8" 1/8 HB	N 531,366.1 E 1370,122.0
7+51	8" 1/8 HB	N 531,714.0 E 1370,250.9
8+18	8" 1/8 HB	N 531,740.7 E 1370,310.7
8+32	8" 1/32 HB	N 531,735.9 E 1370,323.9
9+04	8" 1/32 HB	N 531,704.6 E 1370,375.0
9+64	8" 1/32 HB	N 531,664.3 E 1370,418.6
10+27	8" 1/32 HB	N 531,611.2 E 1370,452.7
11+17	8" 5" BEND	N 531,535.6 E 1370,440.8
12+45	8" 1/8 HB	N 531,422.4 E 1370,551.4
WATERLINE 'B' (12" W - JUNCTION DRIVE)		
0+00	8"x8" TEE	N 531,321.7 E 1370,904.6
0+03	12"x8" REDUCER	N 531,214.1 E 1370,840.8
1+00	12" 1/32 HB	N 531,225.6 E 1370,811.0
1+12	12"x6" TEE	N 531,214.5 E 1370,811.6
1+67	12" 1/32 HB	N 531,165.2 E 1370,841.5
2+23	12" 1/32 HB	N 531,120.7 E 1370,813.6
2+34	12" 1/32 HB	N 531,111.7 E 1370,806.3
3+02	12" 1/32 HB	N 531,067.1 E 1370,756.5
3+31	12"x4" TEE	N 531,052.6 E 1370,731.6
3+48	12"x8" TEE	N 531,046.4 E 1370,721.3
4+76	12" 1/32 HB	N 530,914.4 E 1370,806.3
5+53	12" 1/32 HB	N 530,947.0 E 1370,535.7
5+91	12"x8" TEE	N 530,938.2 E 1370,499.0
6+30	12" 1/32 HB	N 530,924.0 E 1370,460.8
7+02	12"x6" FHT	N 530,926.2 E 1370,384.4
7+07	12" 1/32 HB	N 530,926.0 E 1370,383.8
7+12	12"x8" TEE	N 530,926.5 E 1370,378.7
7+85	12" 1/32 HB	N 530,936.2 E 1370,301.0
9+03	12"x6" TEE	N 530,911.2 E 1370,146.0
9+50	12"x6" FHT	N 530,949.3 E 1370,152.3
9+68	12" 5" BEND	N 530,949.5 E 1370,135.4
10+34	12" 1/32 HB	N 531,011.0 E 1370,066.0
11+03	12" 1/8 HB	N 531,018.8 E 1370,000.7
11+11	12" 1/16 HB	N 531,024.4 E 1369,945.4
6" SEWER (FORCE MAIN) (JUNCTION DRIVE)		
0+20	6" 1/8 HB	N 531,261.0 E 1370,917.3
0+42	6" 1/8 HB	N 531,250.8 E 1370,848.5
0+73	6" 1/32 HB	N 531,220.7 E 1370,810.2
1+43	6" 1/32 HB	N 531,151.8 E 1370,854.5
2+13	6" 1/32 HB	N 531,102.1 E 1370,811.1
2+83	6" 1/32 HB	N 531,055.7 E 1370,764.7
4+54	6" 1/32 HB	N 530,966.9 E 1370,612.4
5+25	1" AIR RELEASE	N 530,934.4 E 1370,552.8
5+34	6" 1/32 HB	N 530,933.7 E 1370,540.3
6+00	3" BLOW OFF	N 530,914.4 E 1370,480.7
6+44	6" 1/32 HB	N 530,915.0 E 1370,462.7
6+48	6" 1/32 HB	N 530,911.9 E 1370,383.1
7+18	6" 1/32 HB	N 530,922.6 E 1370,303.7
9+62	6" 1/32 HB	N 530,986.2 E 1370,131.3
10+31	6" 1/32 HB	N 531,003.1 E 1370,064.0
10+41	6" 1/32 HB	N 531,004.7 E 1370,004.8

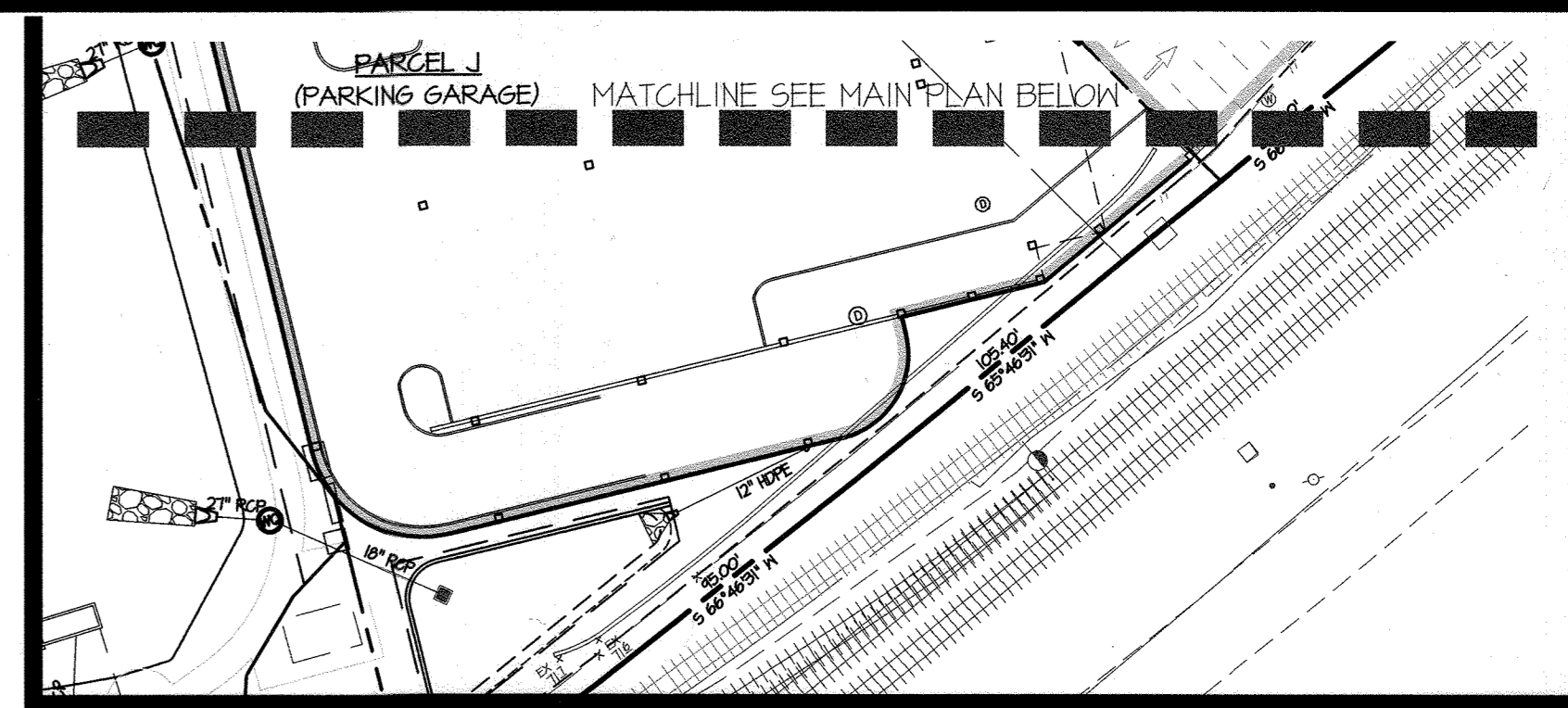
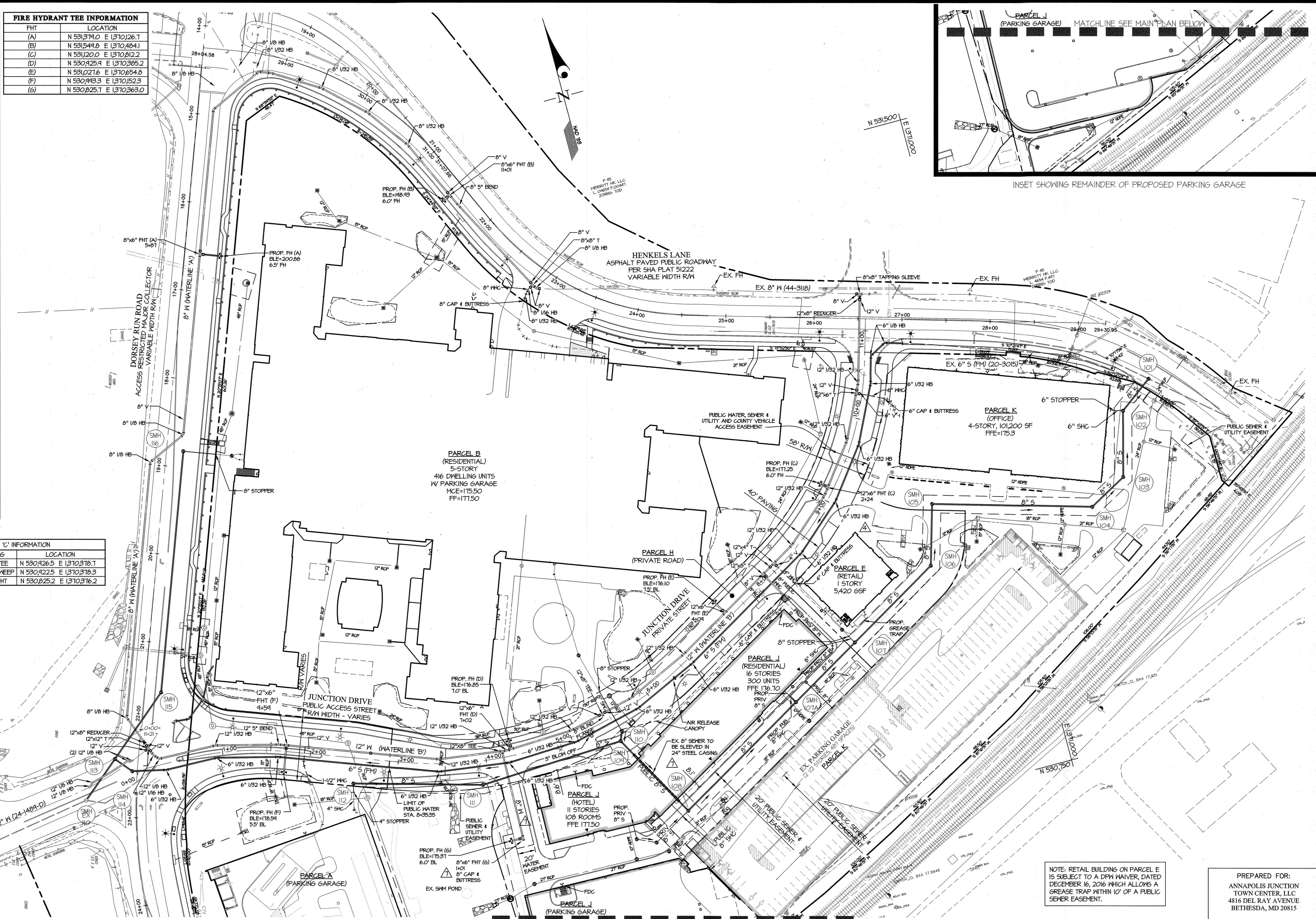
FIRE HYDRANT TEE INFORMATION		
FHT	LOCATION	
(A)	N 531,374.0 E 1370,126.7	
(B)	N 531,544.8 E 1370,484.1	
(C)	N 531,120.0 E 1370,812.2	
(D)	N 530,925.9 E 1370,385.2	
(E)	N 531,021.6 E 1370,654.8	
(F)	N 530,949.3 E 1370,152.3	
(G)	N 530,825.7 E 1370,363.0	

SEWER MANHOLE INFORMATION		
MH	LOCATION	
101	N 531,144.1 E 1371,196.0	
102	N 531,116.6 E 1371,158.6	
103	N 531,044.1 E 1371,134.5	
104	N 531,020.5 E 1371,046.8	
105	N 531,071.0 E 1370,922.4	
106	N 531,003.9 E 1370,903.0	
107	N 530,942.2 E 1370,741.1	
108	N 530,807.7 E 1370,566.5	
109	N 530,902.8 E 1370,511.5	
110	N 530,913.4 E 1370,515.7	
111	N 530,845.3 E 1370,347.6	
112	N 530,934.2 E 1370,208.9	
113	N 531,031.5 E 1369,952.0	
114	N 531,013.2 E 1369,967.5	
115	N 531,040.9 E 1370,022.2	
116	N 531,347.8 E 1370,112.2	

WATERLINE 'C' INFORMATION		
STATION	FITTING	LOCATION
0+00	12"x8" TEE	N 530,926.5 E 1370,310.7
0+04	8" 5" SWEEP	N 530,922.5 E 1370,370.3
1+01	8"x6" FHT	N 530,825.2 E 1370,376.2

NOTES:
1. ALL MANHOLES WILL BE STANDARD 4'-0" (6 5/12).

WATERLINE 'C' INFORMATION



INSET SHOWING REMAINDER OF PROPOSED PARKING GARAGE

NOTE: RETAIL BUILDING ON PARCEL E IS SUBJECT TO A DPM MAIVER, DATED DECEMBER 16, 2016 WHICH ALLOWS A GREASE TRAP WITHIN 10' OF A PUBLIC SEWER EASEMENT.

PREPARED FOR:
ANNAPOLIS JUNCTION TOWN CENTER, LLC
4816 DEL RAY AVENUE
BETHESDA, MD 20815
ATTN: PETER ZADORETZKY

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
[Signature]
CHIEF, BUREAU OF UTILITIES
DATE: 11-2-22

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND
[Signature]
CHIEF, DEVELOPMENT ENGINEERING DIVISION
DATE: 11/6/22

GLW GUTSCHICK LITTLE & WEBER, P.A.
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
3909 NATIONAL DRIVE - SUITE 250 - BURTONTVILLE OFFICE PARK
BURTONTVILLE, MARYLAND 20866
TEL: 301-421-4024 FAX: 301-421-4186

DATE: JAN. 2013
G.L.W. NO.: 11107

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, 2024
[Signature]

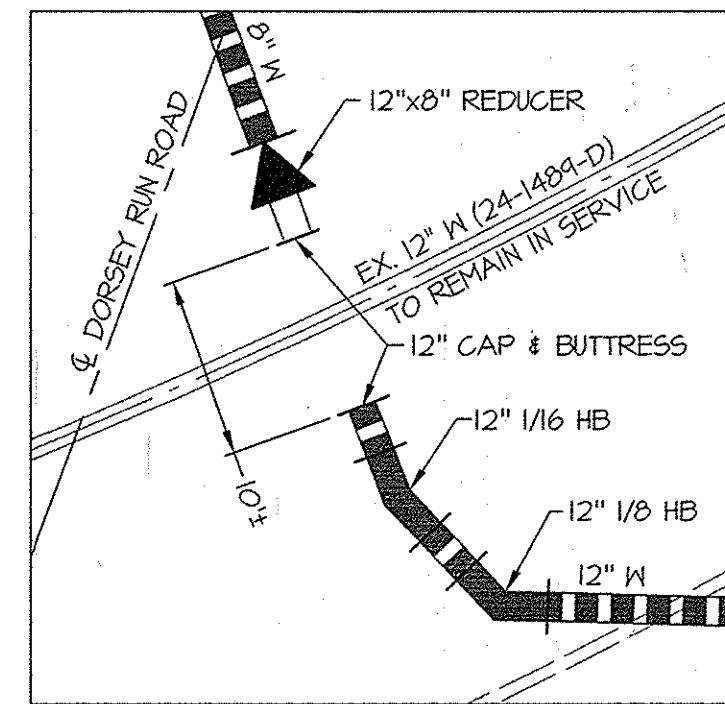


BY	NO	REVISION	DATE
AWL	7	ADDED HOTEL/RESIDENTIAL BLDG & REVISED WATER/SEWER	6/08/22
GT	6	REVISED JUNCTION DR R/W TO INCLUDE PARCEL H, SHOWED PRIV. ESMT	7/30/19
LMW	4	REVISED BANK TO RETAIL, ADDED GREASE TRAP	9/28/16
LMW	3	REVISED WATER & SEWER INTO OFFICE BUILDING	8/10/15

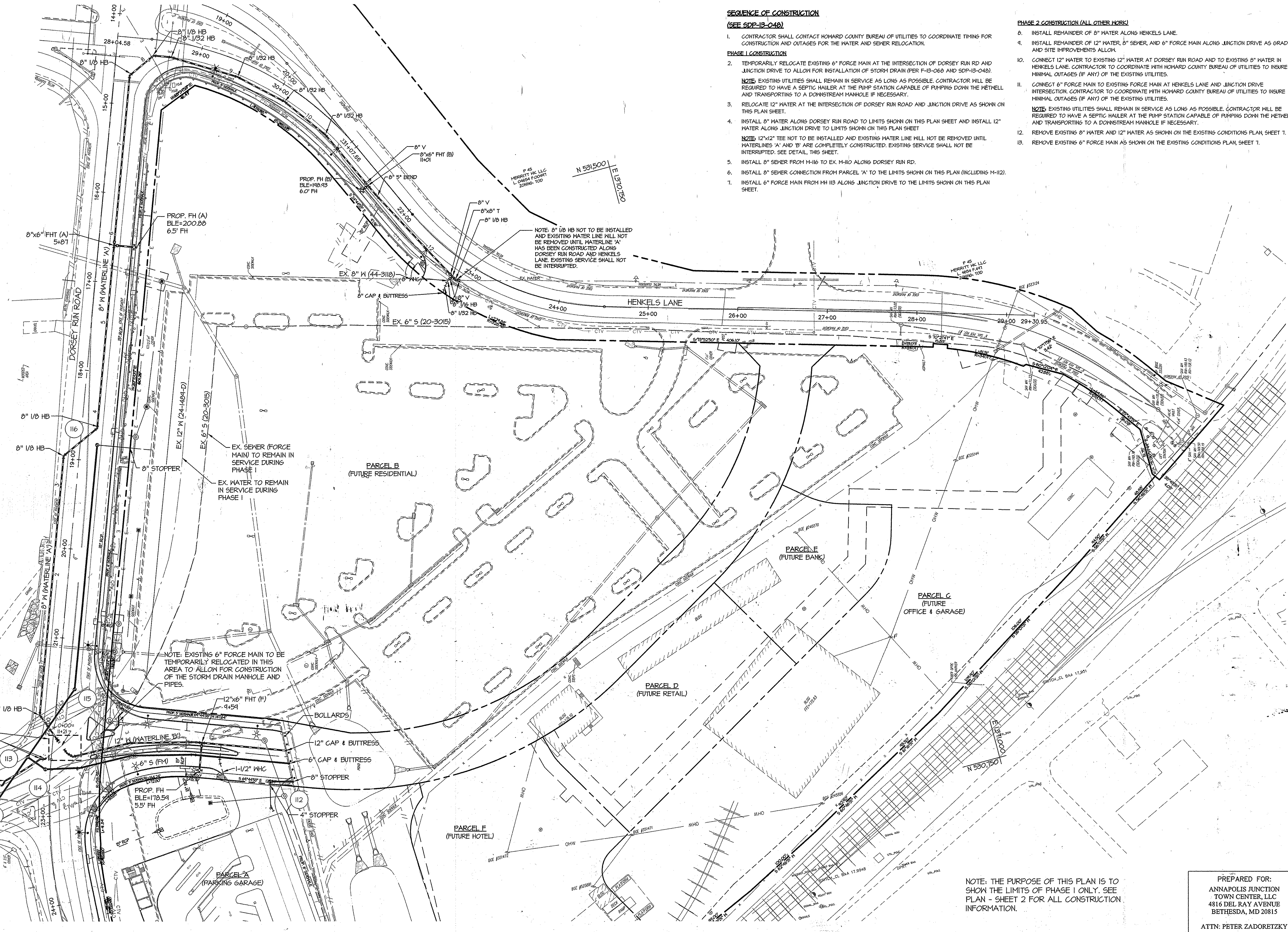
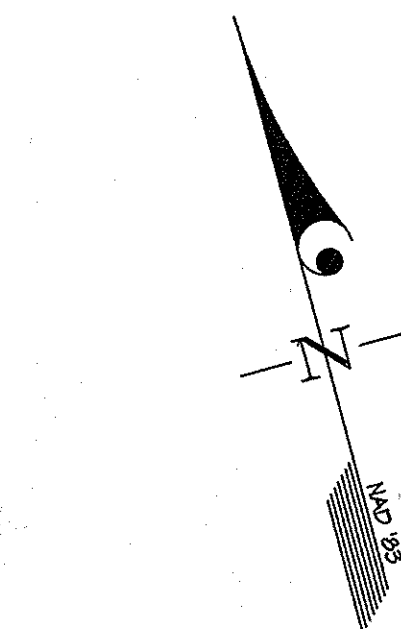
PLAN SHEET
600' SCALE MAP NO. 48 BLOCK NO. 20

ANNAPOLIS JUNCTION TOWN CENTER AT SAVAGE STATION
CONTRACT No. 24-4788-D
(PART OF PARCELS A-1 AND ALL OF PARCELS A-2 THRU A-6, SAVAGE TOWNE CENTRE, PLAT NOS. 20130-10233, PART OF PARCEL B, GOLDEN KEY, PLAT NO. 5909 AND PART OF DORSEY RUN ROAD, SEC PLAT NO. 5272)
HOWARD COUNTY, MARYLAND
ELECTION DISTRICT No. 6

SCALE: 1"=50'
SHEET: 2 OF 7



DETAIL
WATERLINE AT INTERSECTION OF DORSEY RUN ROAD
AND JUNCTION DRIVE
SCALE: 1"=10'



SEQUENCE OF CONSTRUCTION
(SEE SDP-13-048)

- CONTRACTOR SHALL CONTACT HOWARD COUNTY BUREAU OF UTILITIES TO COORDINATE TIMING FOR CONSTRUCTION AND OUTAGES FOR THE WATER AND SEWER RELOCATION.
- TEMPORARILY RELOCATE EXISTING 6" FORCE MAIN AT THE INTERSECTION OF DORSEY RUN RD AND JUNCTION DRIVE TO ALLOW FOR INSTALLATION OF STORM DRAIN (PER F-15-068 AND SDP-13-048).
NOTE: EXISTING UTILITIES SHALL REMAIN IN SERVICE AS LONG AS POSSIBLE. CONTRACTOR WILL BE REQUIRED TO HAVE A SEPTIC HAULER AT THE PUMP STATION CAPABLE OF PUMPING DOWN THE METERELL AND TRANSPORTING TO A DOWNSTREAM MANHOLE IF NECESSARY.
- RELOCATE 12" WATER AT THE INTERSECTION OF DORSEY RUN ROAD AND JUNCTION DRIVE AS SHOWN ON THIS PLAN SHEET.
- INSTALL 8" WATER ALONG DORSEY RUN ROAD TO LIMITS SHOWN ON THIS PLAN SHEET AND INSTALL 12" WATER ALONG JUNCTION DRIVE TO LIMITS SHOWN ON THIS PLAN SHEET.
NOTE: 12"x12" TEE NOT TO BE INSTALLED AND EXISTING WATER LINE WILL NOT BE REMOVED UNTIL WATERLINES 'A' AND 'B' ARE COMPLETELY CONSTRUCTED. EXISTING SERVICE SHALL NOT BE INTERRUPTED. SEE DETAIL, THIS SHEET.
- INSTALL 8" SEWER FROM M-116 TO EX. M-110 ALONG DORSEY RUN RD.
- INSTALL 8" SEWER CONNECTION FROM PARCEL 'A' TO THE LIMITS SHOWN ON THIS PLAN (INCLUDING M-112).
- INSTALL 6" FORCE MAIN FROM MH 115 ALONG JUNCTION DRIVE TO THE LIMITS SHOWN ON THIS PLAN SHEET.

PHASE 2 CONSTRUCTION (ALL OTHER WORK)

- INSTALL REMAINDER OF 8" WATER ALONG HENKELS LANE.
- INSTALL REMAINDER OF 12" WATER, 8" SEWER, AND 6" FORCE MAIN ALONG JUNCTION DRIVE AS GRADING AND SITE IMPROVEMENTS ALLOW.
- CONNECT 12" WATER TO EXISTING 12" WATER AT DORSEY RUN ROAD AND TO EXISTING 8" WATER IN HENKELS LANE. CONTRACTOR TO COORDINATE WITH HOWARD COUNTY BUREAU OF UTILITIES TO INSURE MINIMAL OUTAGES (IF ANY) OF THE EXISTING UTILITIES.
- CONNECT 6" FORCE MAIN TO EXISTING FORCE MAIN AT HENKELS LANE AND JUNCTION DRIVE INTERSECTION. CONTRACTOR TO COORDINATE WITH HOWARD COUNTY BUREAU OF UTILITIES TO INSURE MINIMAL OUTAGES (IF ANY) OF THE EXISTING UTILITIES.
NOTE: EXISTING UTILITIES SHALL REMAIN IN SERVICE AS LONG AS POSSIBLE. CONTRACTOR WILL BE REQUIRED TO HAVE A SEPTIC HAULER AT THE PUMP STATION CAPABLE OF PUMPING DOWN THE METERELL AND TRANSPORTING TO A DOWNSTREAM MANHOLE IF NECESSARY.
- REMOVE EXISTING 8" WATER AND 12" WATER AS SHOWN ON THE EXISTING CONDITIONS PLAN SHEET T.
- REMOVE EXISTING 6" FORCE MAIN AS SHOWN ON THE EXISTING CONDITIONS PLAN SHEET T.

NOTE: 12"x12" T NOT TO BE INSTALLED AND EXISTING WATER LINE WILL NOT BE REMOVED UNTIL WATERLINE 'A' HAS BEEN CONSTRUCTED ALONG DORSEY RUN ROAD AND HENKELS LANE. EXISTING SERVICE SHALL NOT BE INTERRUPTED. SEE DETAIL, THIS SHEET.

NOTE: EXISTING 6" FORCE MAIN TO BE TEMPORARILY RELOCATED IN THIS AREA TO ALLOW FOR CONSTRUCTION OF THE STORM DRAIN MANHOLE AND PIPES.

NOTE: 8" 1/8" HB NOT TO BE INSTALLED AND EXISTING WATER LINE WILL NOT BE REMOVED UNTIL WATERLINE 'A' HAS BEEN CONSTRUCTED ALONG DORSEY RUN ROAD AND HENKELS LANE. EXISTING SERVICE SHALL NOT BE INTERRUPTED.

NOTE: THE PURPOSE OF THIS PLAN IS TO SHOW THE LIMITS OF PHASE 1 ONLY. SEE PLAN - SHEET 2 FOR ALL CONSTRUCTION INFORMATION.

PREPARED FOR:
ANNAPOLIS JUNCTION
TOWN CENTER, LLC
4816 DEL RAY AVENUE
BETHESDA, MD 20815
ATTN: PETER ZADORETZKY

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

S.H. Cern
CHIEF, BUREAU OF UTILITIES

7/15/13
DATE

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

[Signature]
CHIEF, DEVELOPMENT ENGINEERING DIVISION

8/15/13
DATE

GLW GUTSCHICK LITTLE & WEBER, P.A.
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
3909 NATIONAL DRIVE - SUITE 230 - BURTNSVILLE OFFICE PARK
BURTNSVILLE, MARYLAND 20866
TEL: 301-421-4024 FAX: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

DATE: JAN. 2013
G.L.W. No. 11107

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]
2-11-13

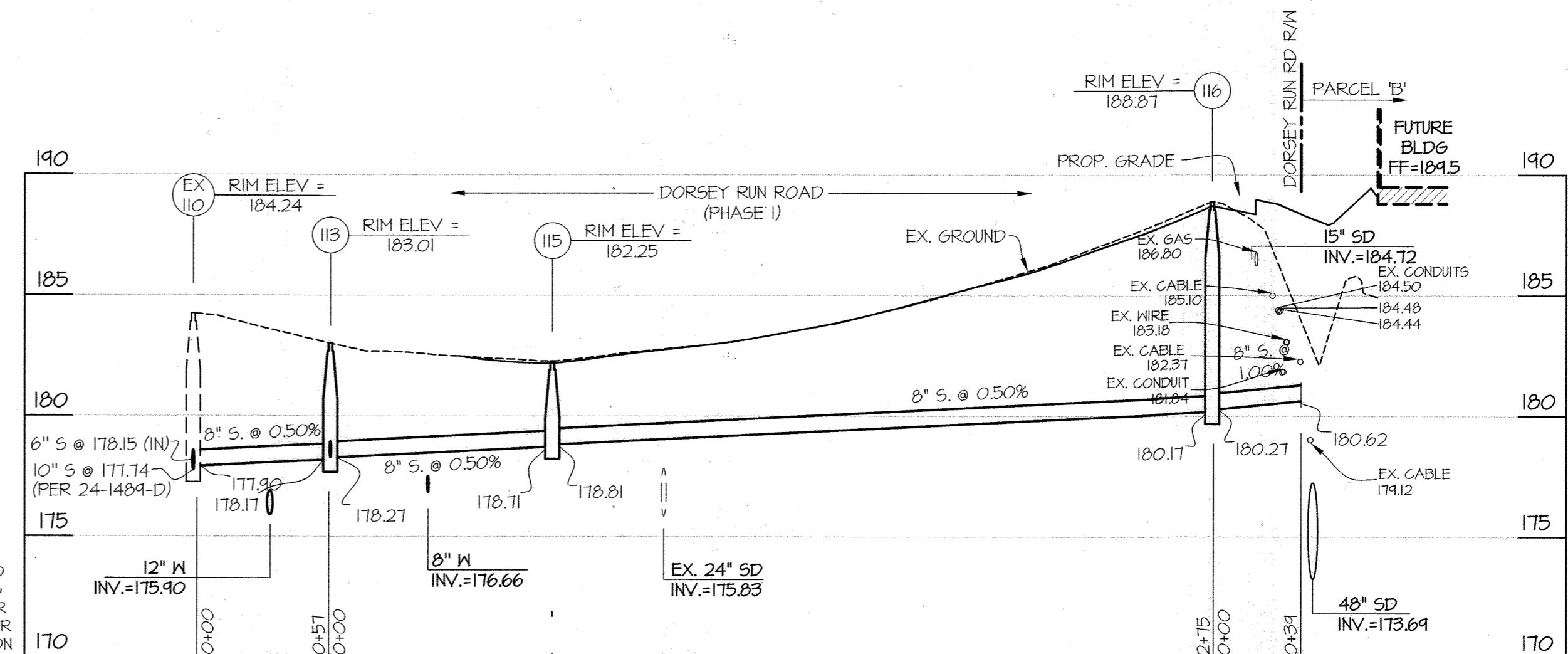
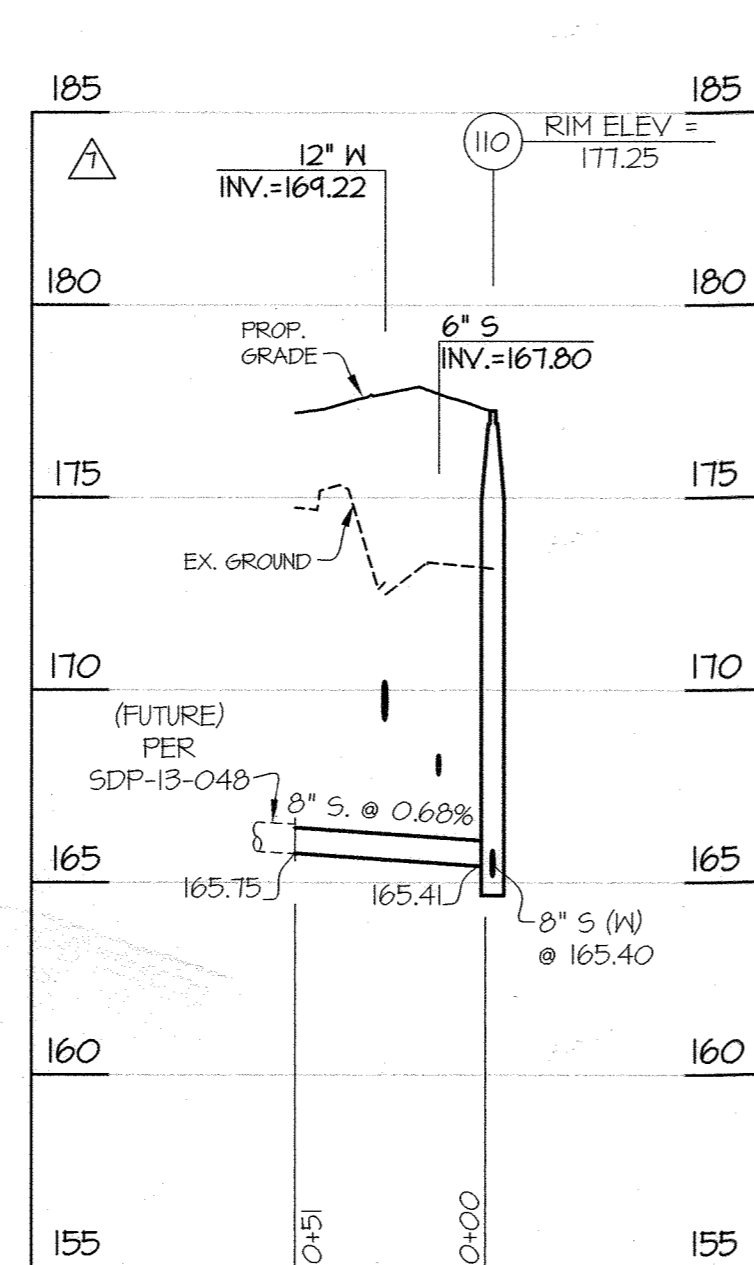
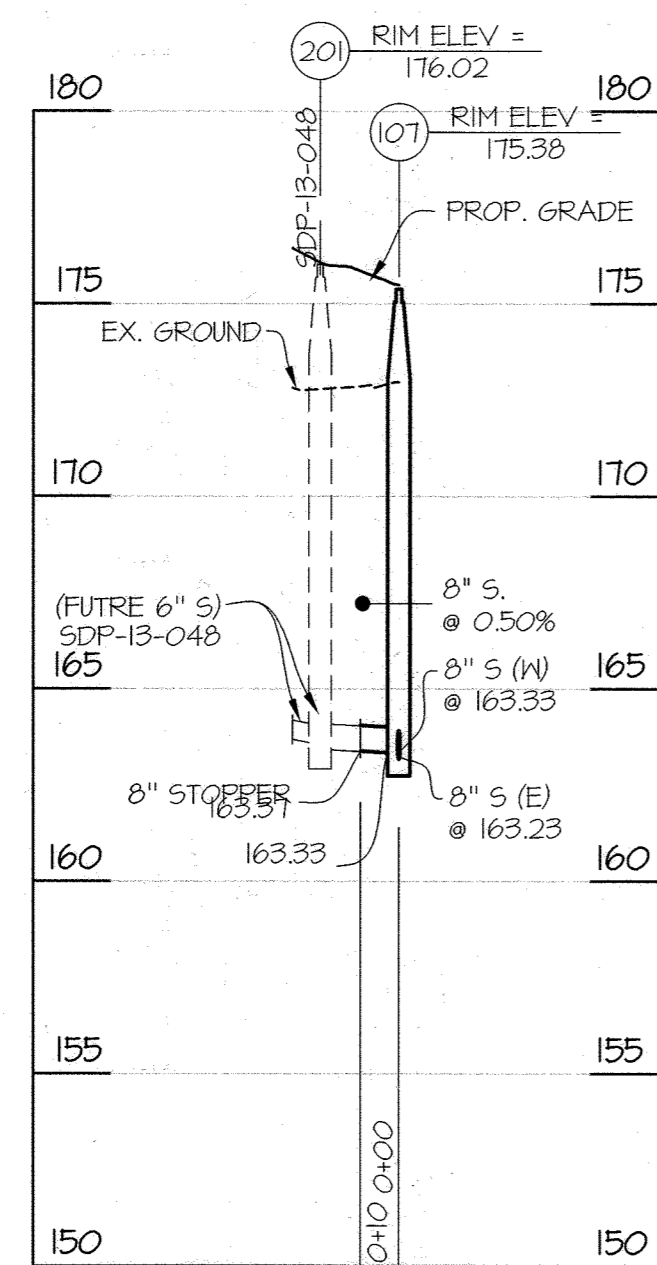
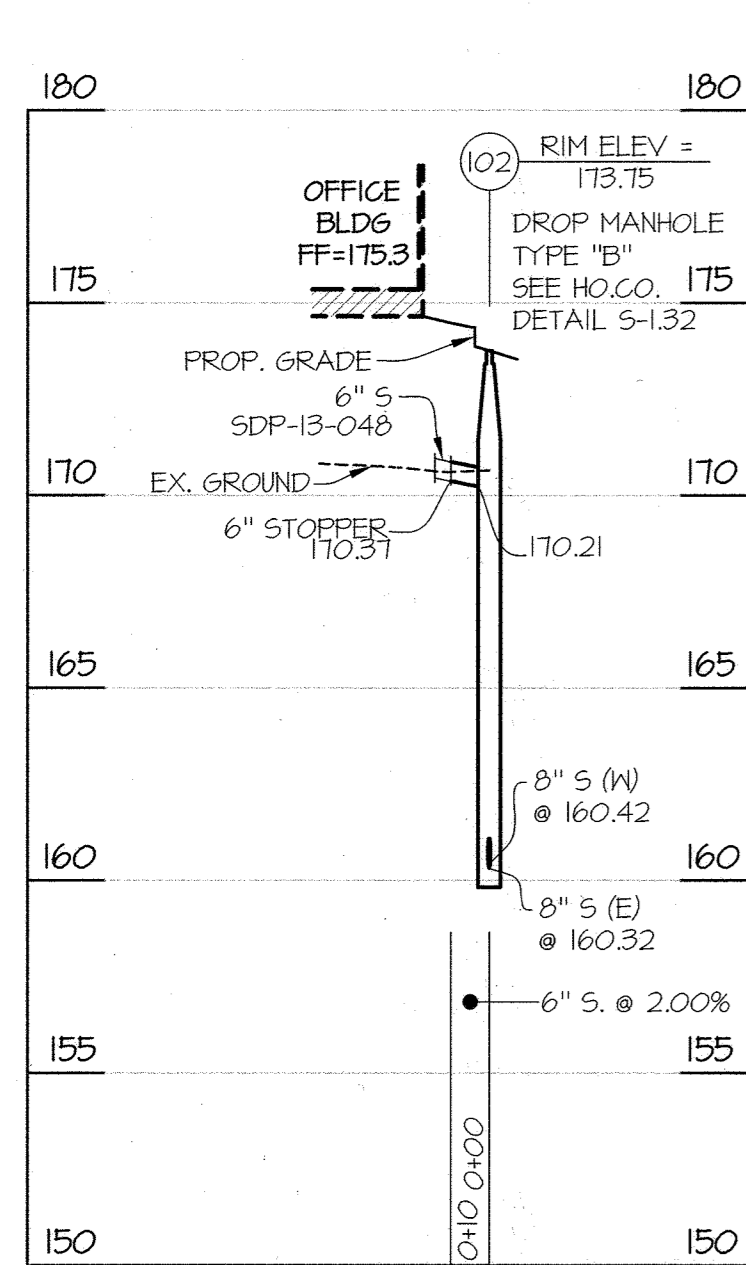
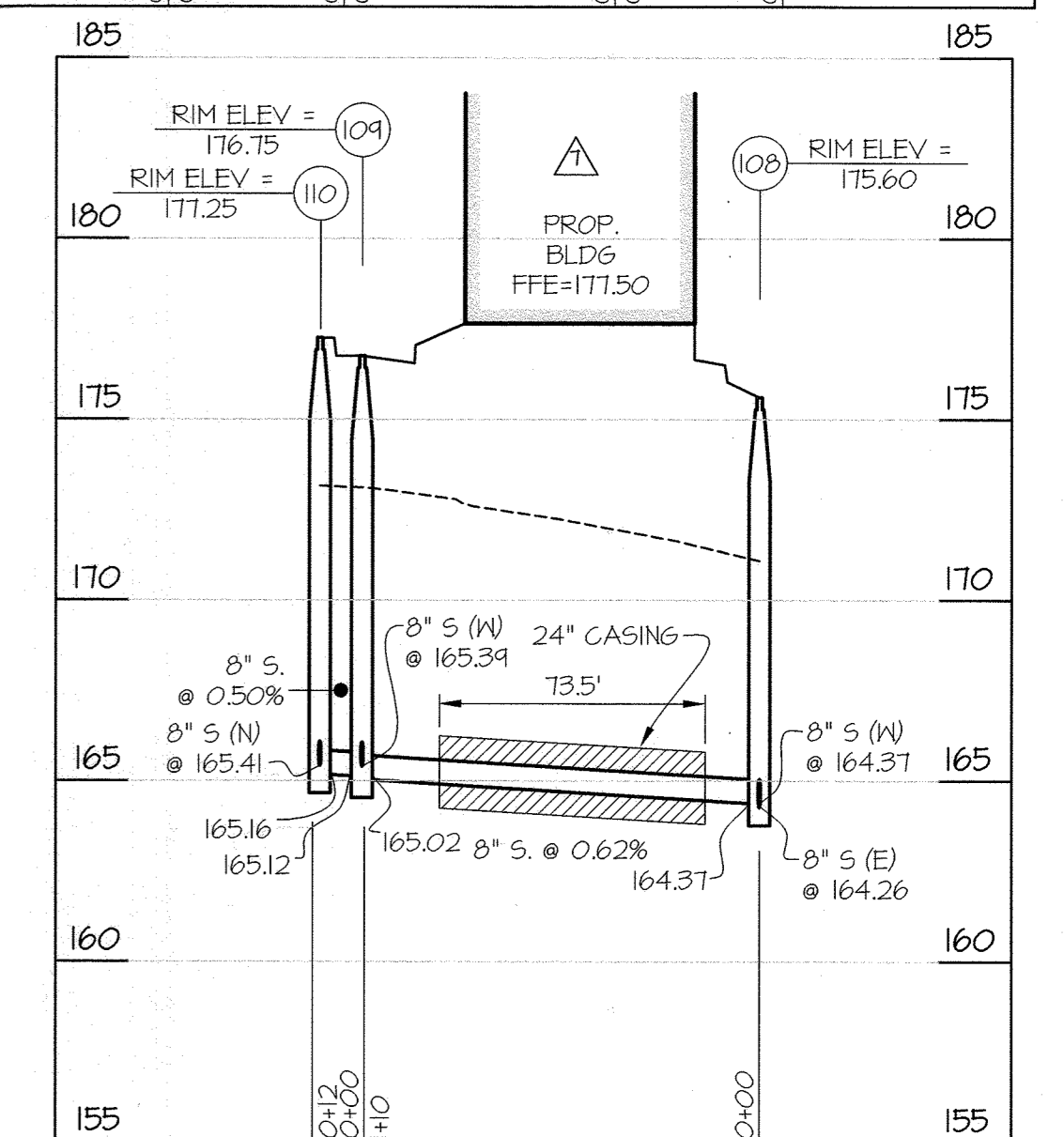
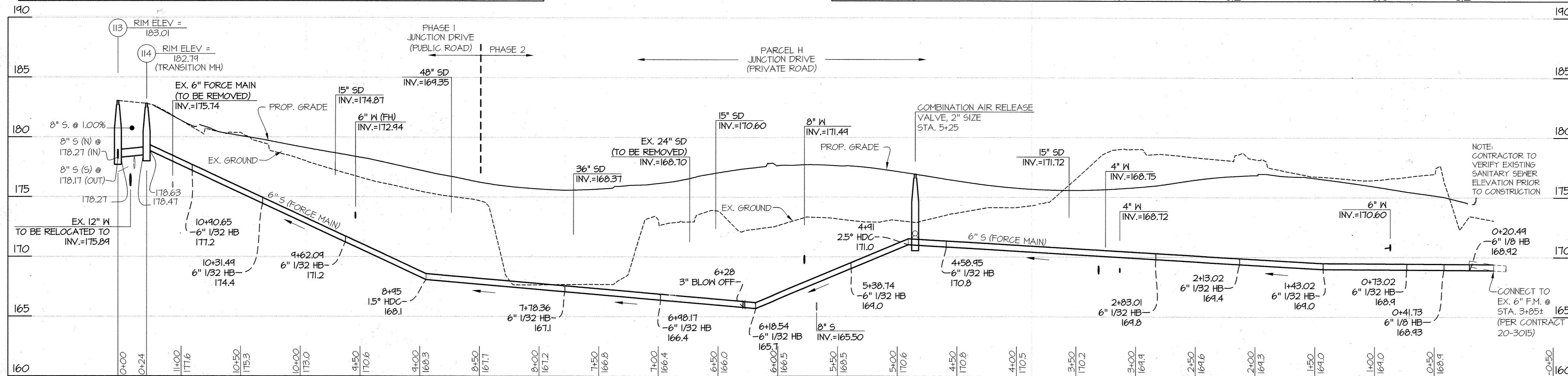
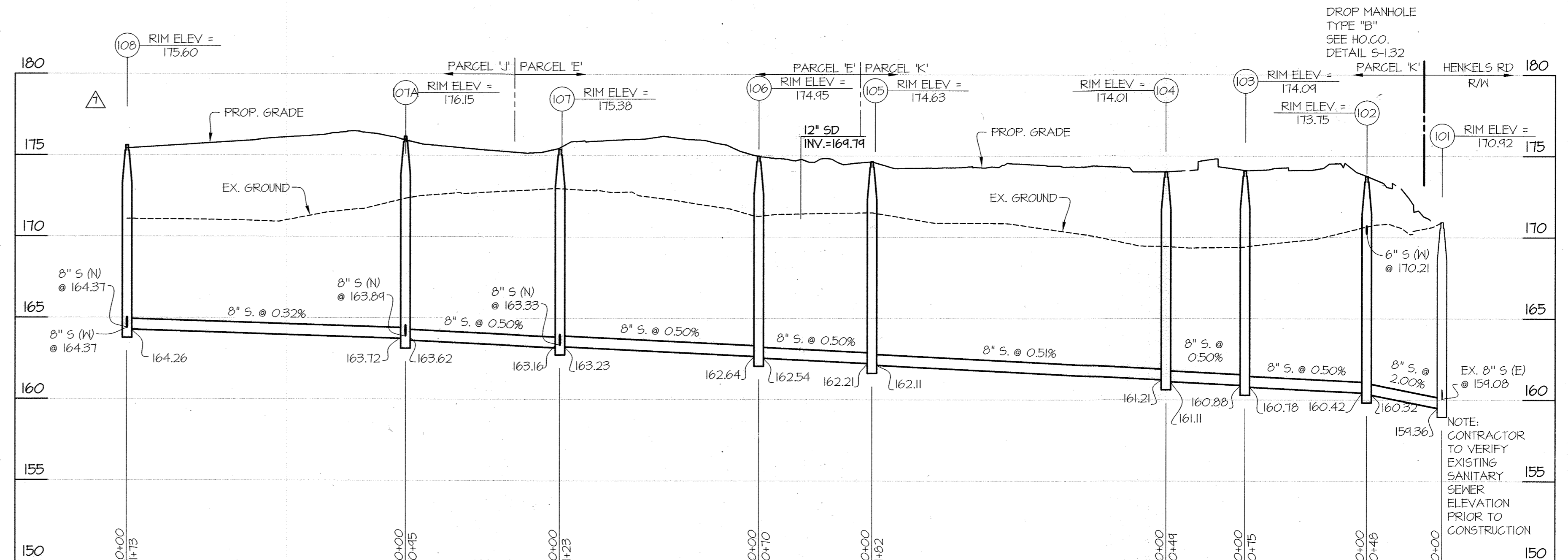
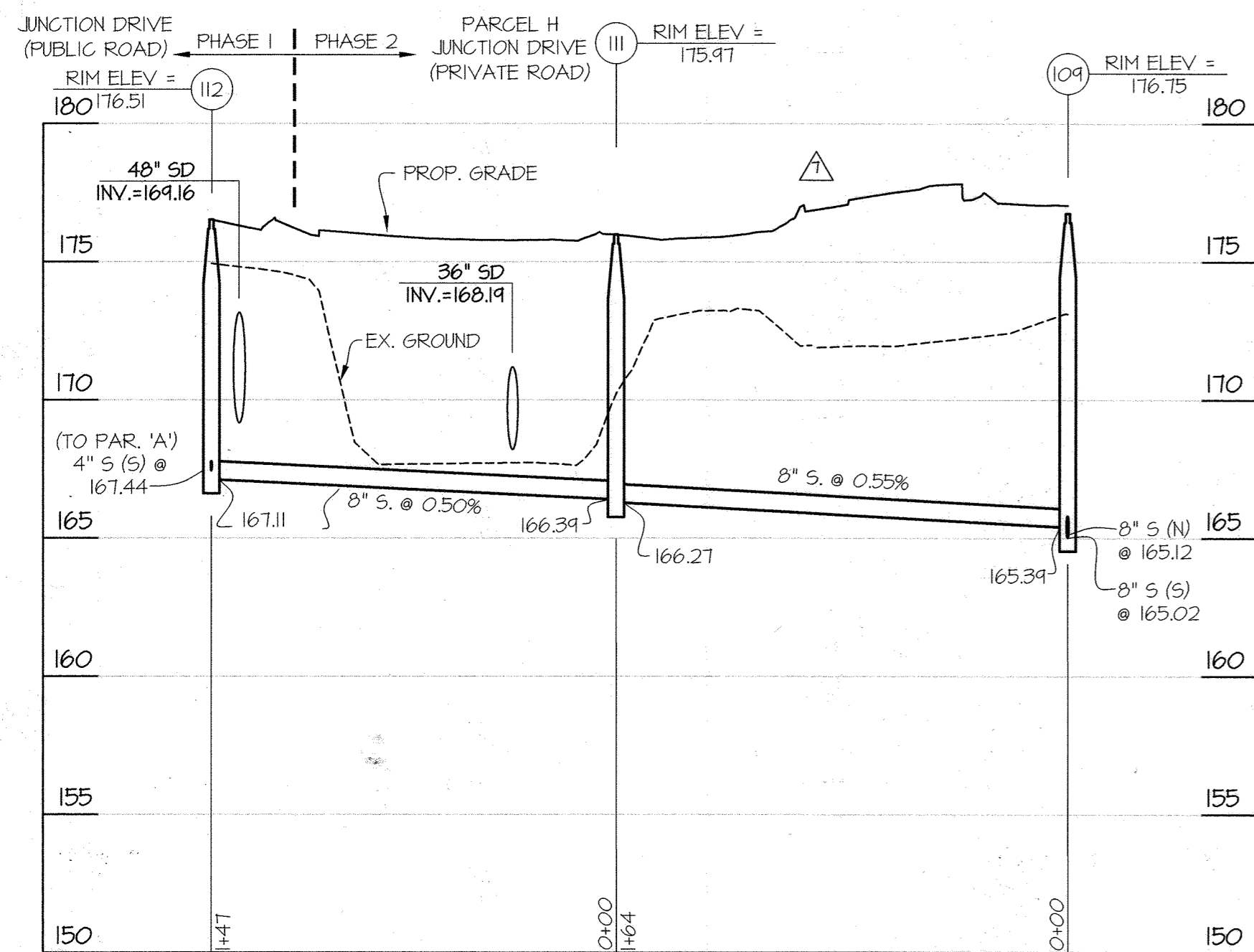
BY	NO	REVISION	DATE

PLAN SHEET
(PHASE 1 ONLY)

600' SCALE MAP NO. 48 BLOCK NO. 20

ANNAPOLIS JUNCTION
TOWN CENTER AT SAVAGE STATION
CONTRACT No. 24-4788-D
(PART OF PARCEL A-1 AND ALL OF PARCELS A-2 THRU A-6, SAVAGE TOWN CENTER, PLAT NOS. 20130-10235, PART OF PARCEL B, GOLDEN KEY, PLAT NO. 5809 AND PART OF DORSEY RUN ROAD, SRC PLAT NO. 57272)
HOWARD COUNTY, MARYLAND
ELECTION DISTRICT No. 6

SCALE
1"=50'
SHEET
3 OF 7



NOTE: CONTRACTOR TO VERIFY EXISTING SANITARY SEWER ELEVATION PRIOR TO CONSTRUCTION

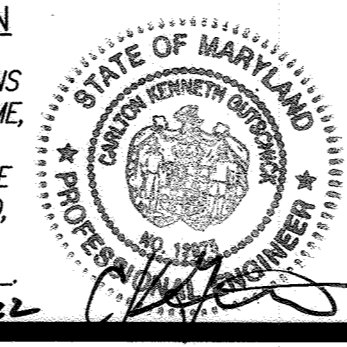
PREPARED FOR:
ANNAPOLIS JUNCTION
TOWN CENTER, LLC
4816 DEL RAY AVENUE
BETHESDA, MD 20815
ATTN: PETER ZADORETZKY

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
11-4-22

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND
11-16-22

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: 301-988-2524 FAX: 301-421-4186

DATE: JAN. 2013
G.L.W. No. 11107
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, 2024

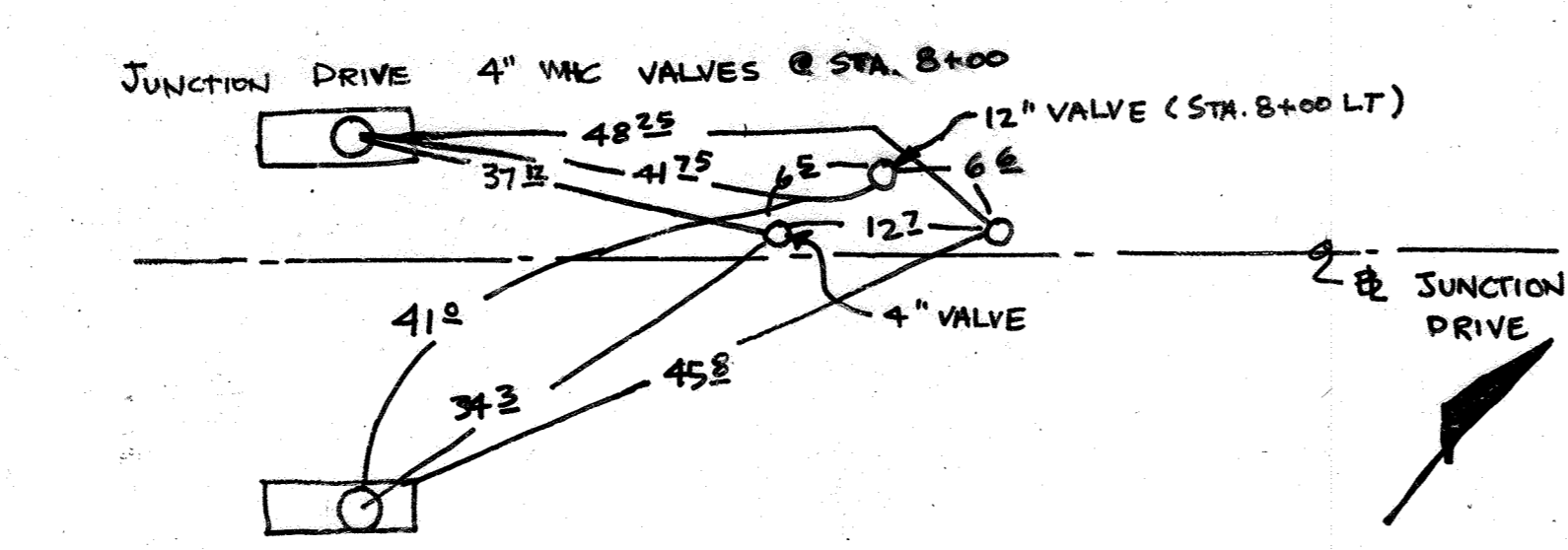
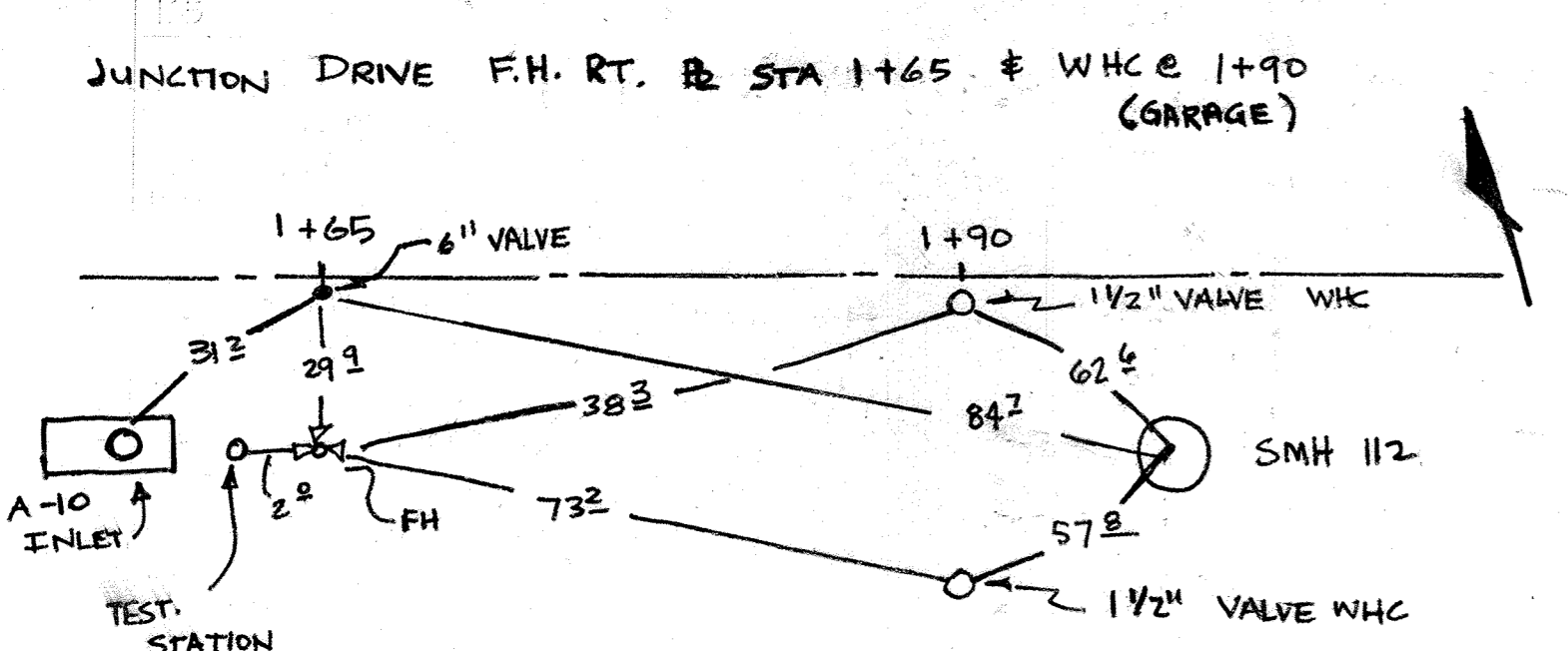
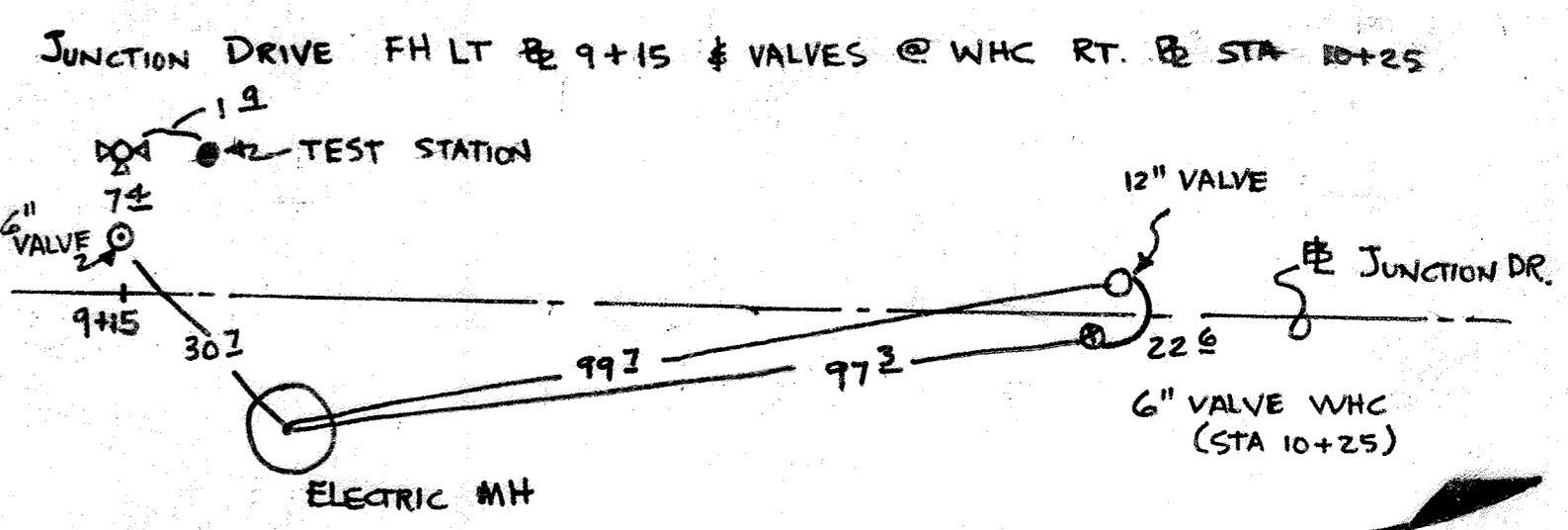
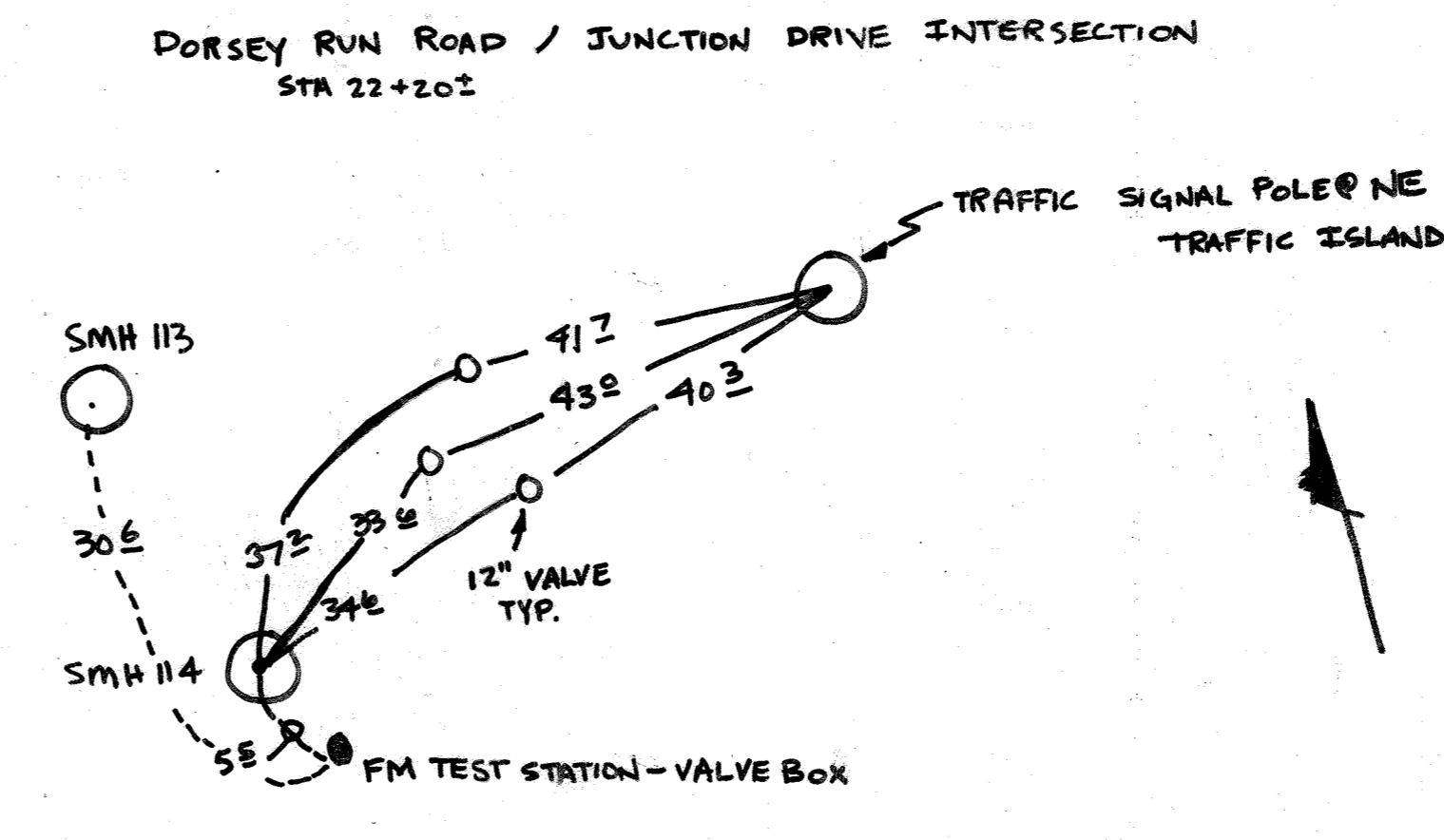
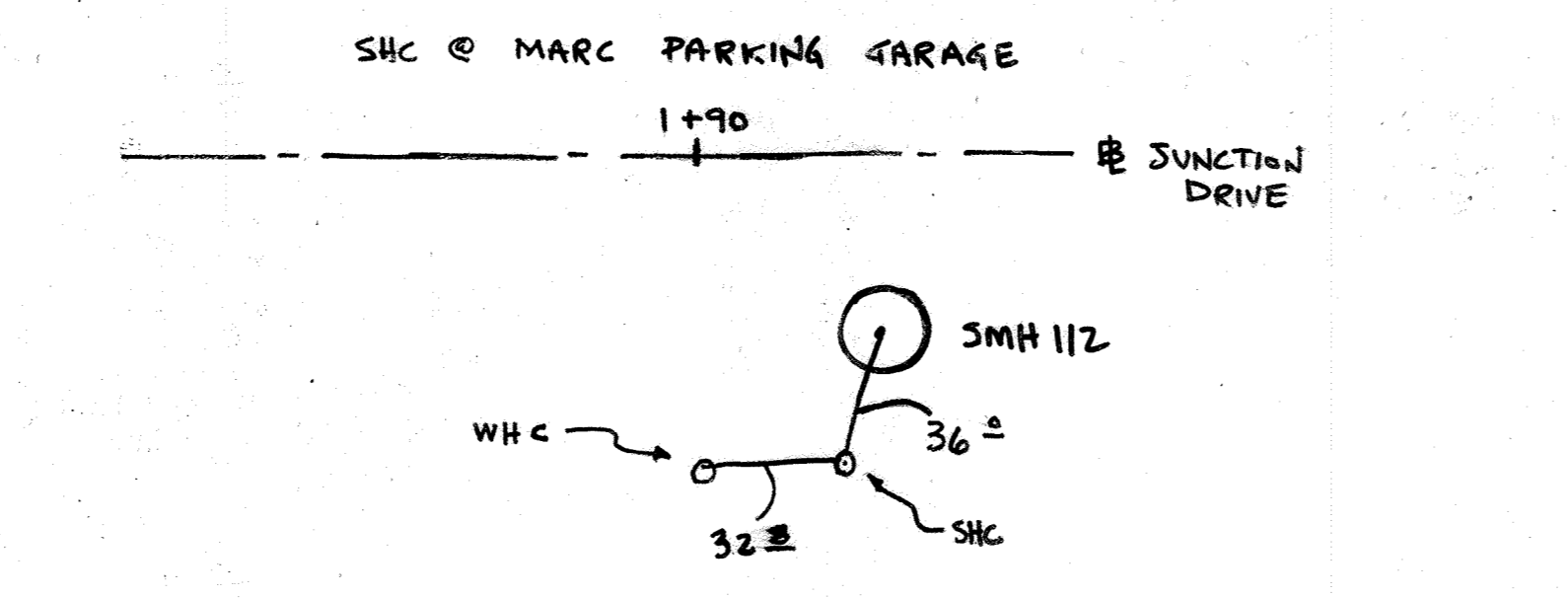
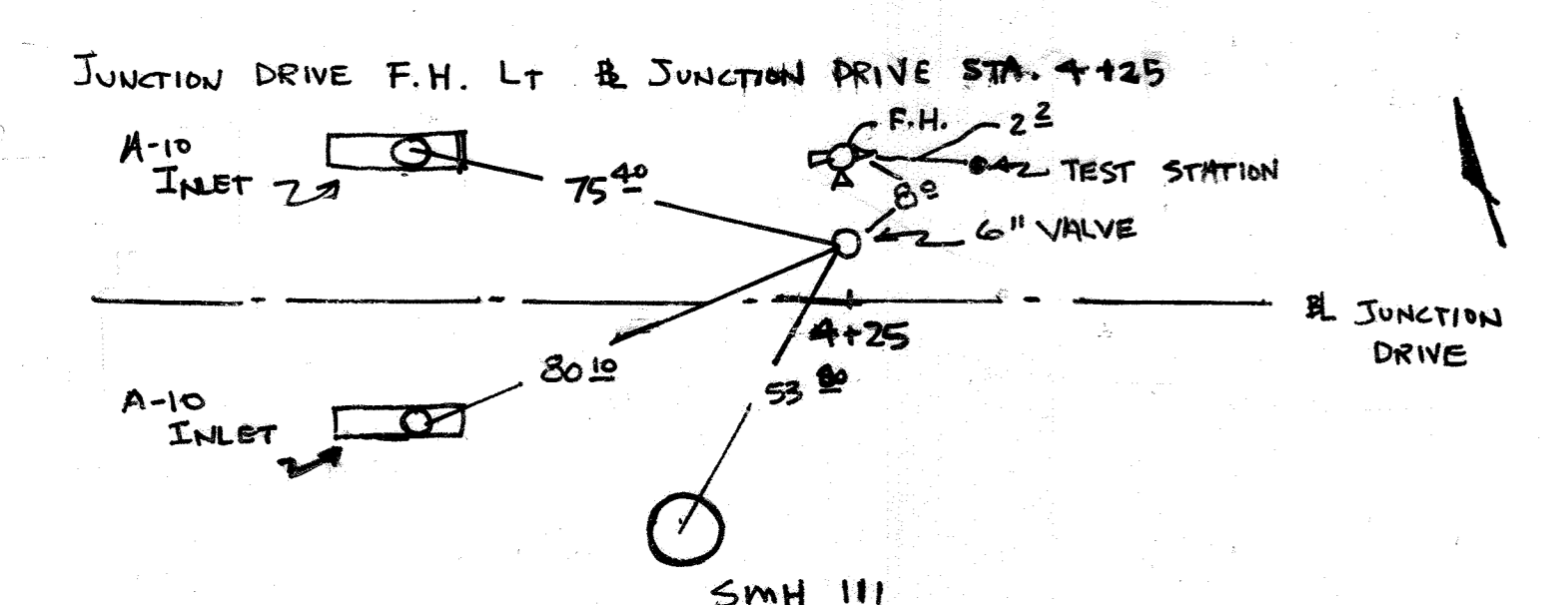
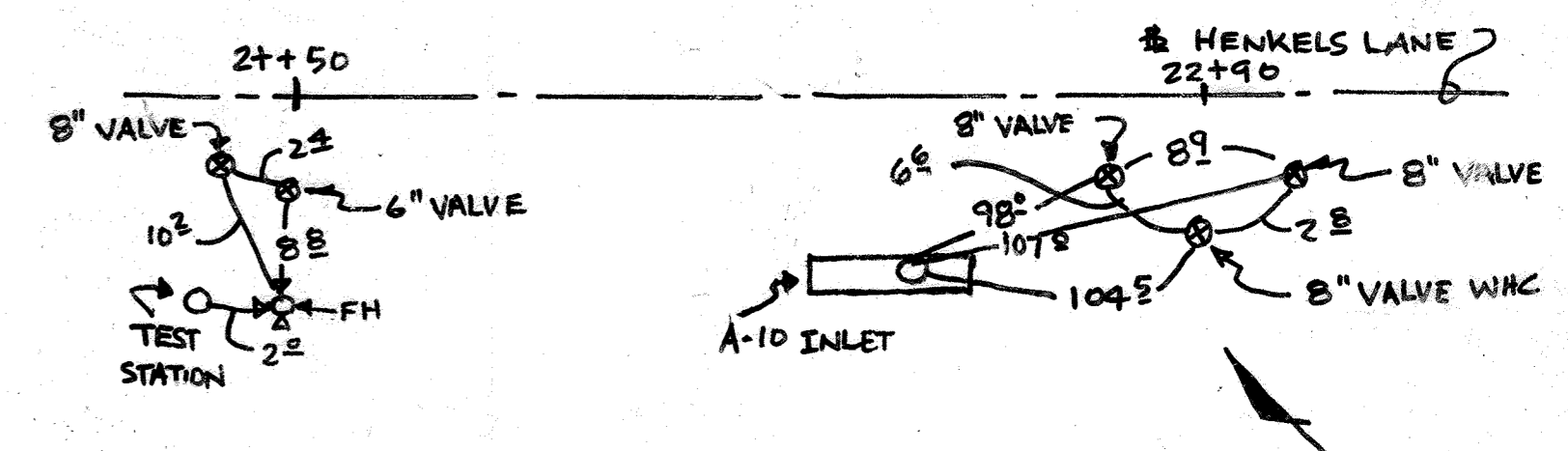
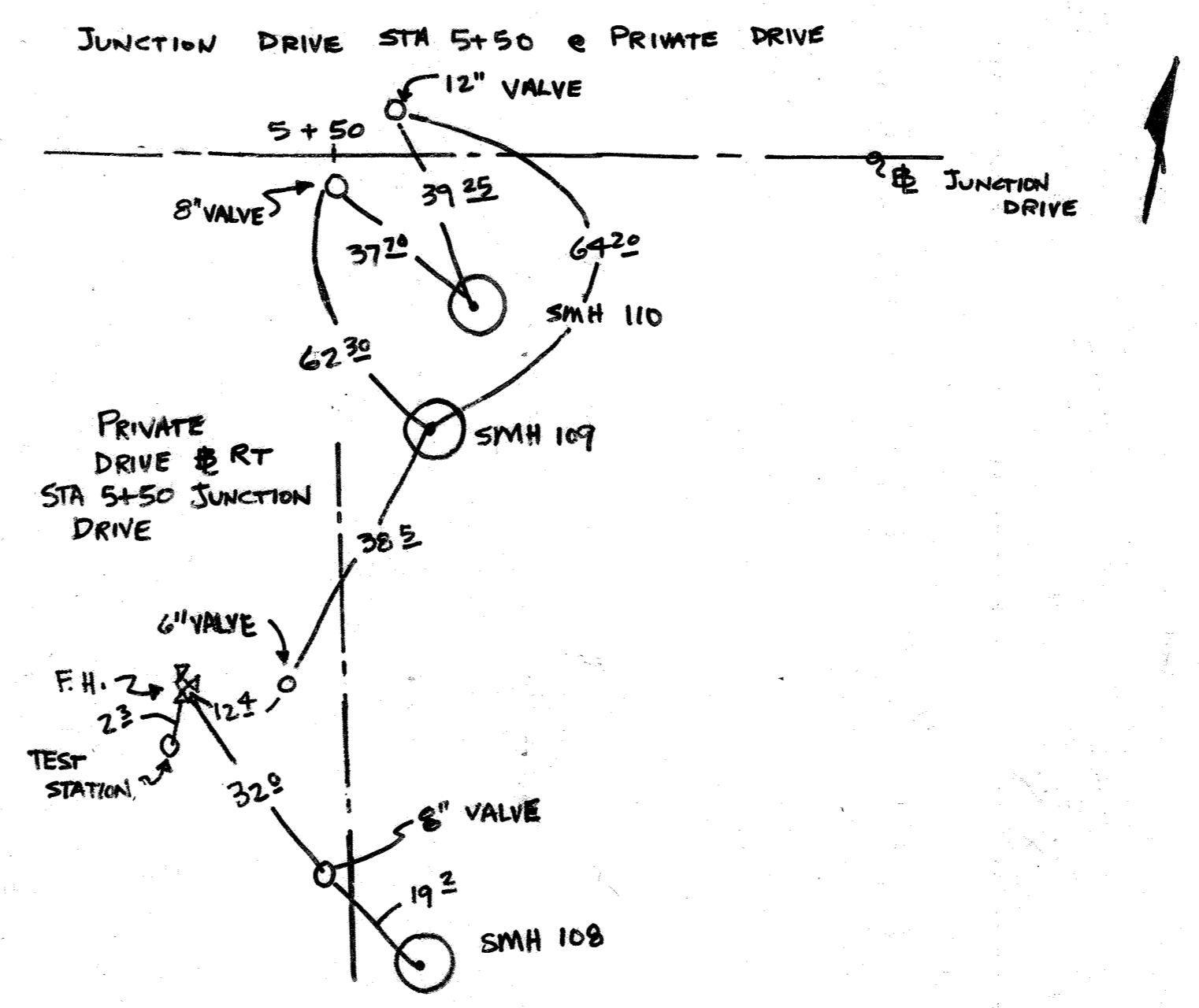
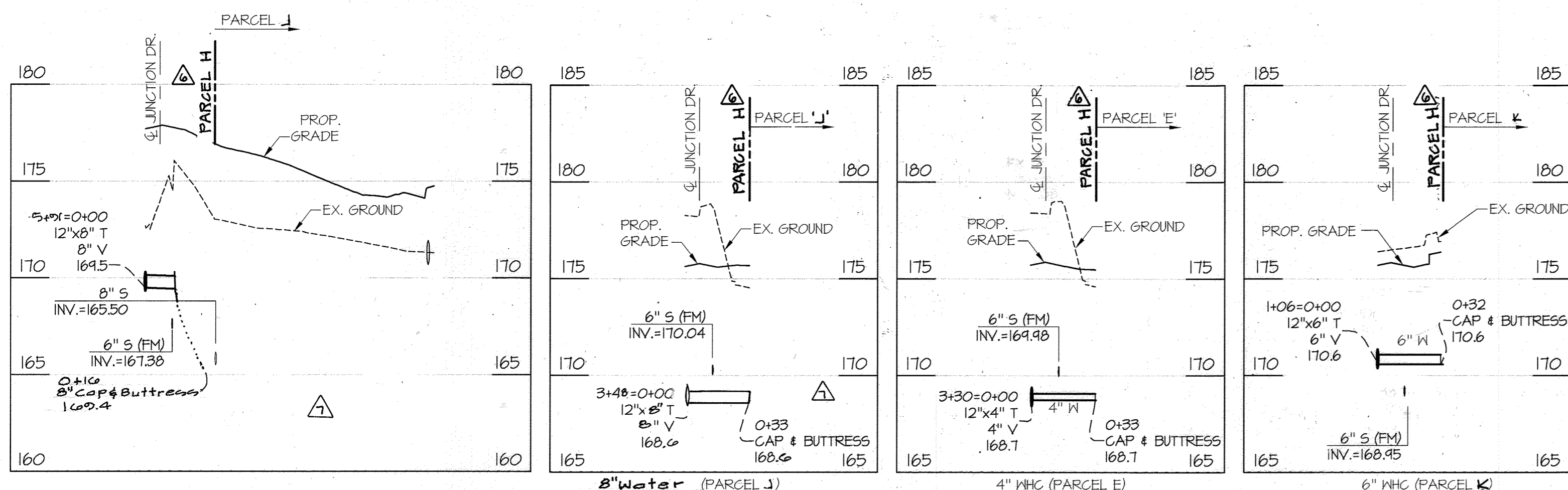
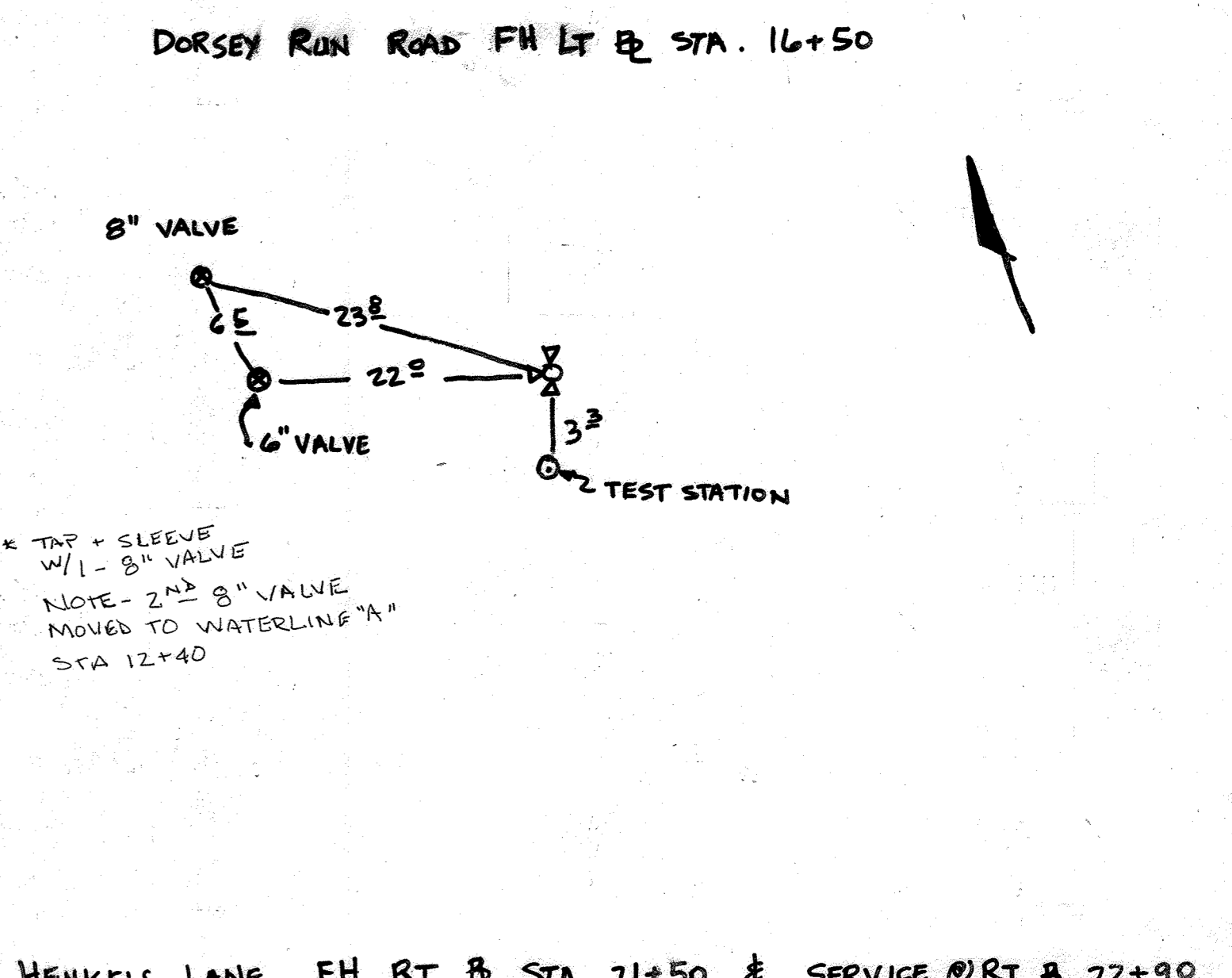
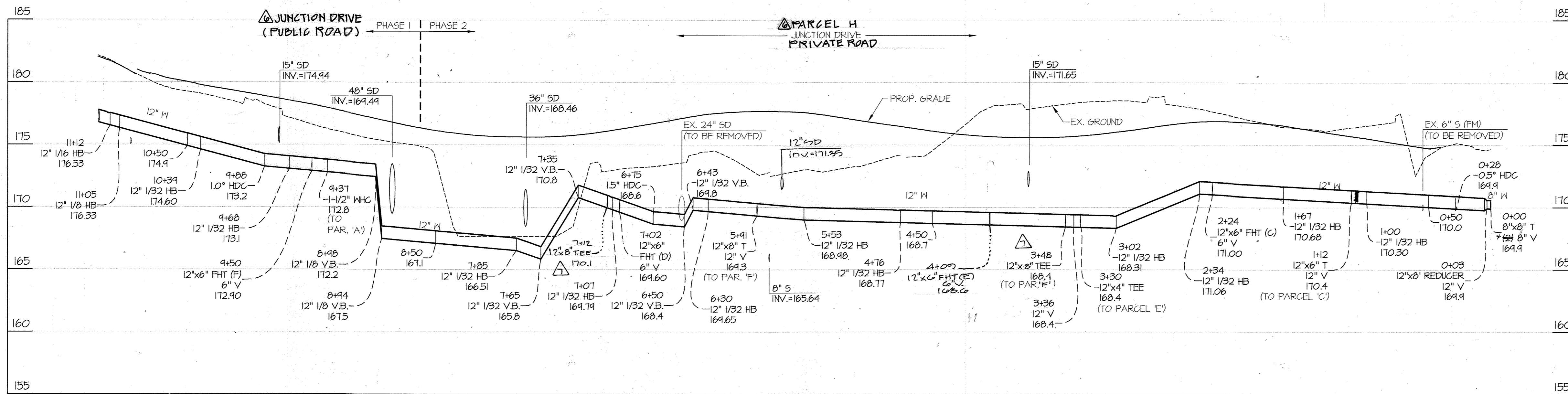


BY	NO	REVISION	DATE
AWL	7	ADDED HOTEL/RESIDENTIAL BLDG & REVISED WATER/SEWER	7/1/21
WSJ	6	IDENTIFIED PUBLIC & PRIVATE LIMITS OF JUNCTION DR.	7/30/19
	1	REVISED SEWER MANHOLE 102	9/29/15

PROFILE SHEET (SEWER)
600' SCALE MAP NO. 48 BLOCK NO. 20

ANNAPOLIS JUNCTION
TOWN CENTER AT SAVAGE STATION
CONTRACT No. 24-4788-D
(PART OF PARCELS A-1 AND ALL OF PARCELS A-2 THRU A-6, SAVAGE TOWNE CENTRE, PLAT NOS. 20130-10233, PART OF PARCEL B, GOLDEN KEY, PLAT NO. 5909 AND PART OF DORSEY RUN ROAD, SEC. PLAT NO. 5222)
HOWARD COUNTY, MARYLAND
ELECTION DISTRICT No. 6

SCALE
1"=50' (H)
1"=5' (V)
SHEET
4 OF 7



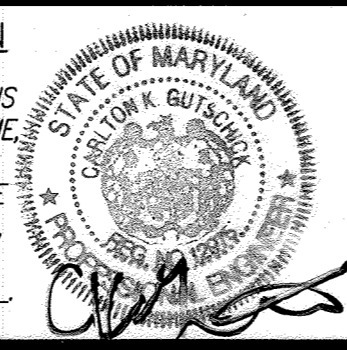
PREPARED FOR:
ANNAPOLIS JUNCTION
TOWN CENTER, LLC
4816 DEL RAY AVENUE
BETHESDA, MD 20815
ATTN: PETER ZADORETZKY

DEPARTMENT OF
PUBLIC WORKS
HOWARD COUNTY, MARYLAND
7/11/15

DEPARTMENT OF
PLANNING AND ZONING
HOWARD COUNTY, MARYLAND
7/11/15

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. 410-680-1820 DC/VA. 301-988-2524 FAX: 301-421-4188

DATE
JAN. 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 28, 2014

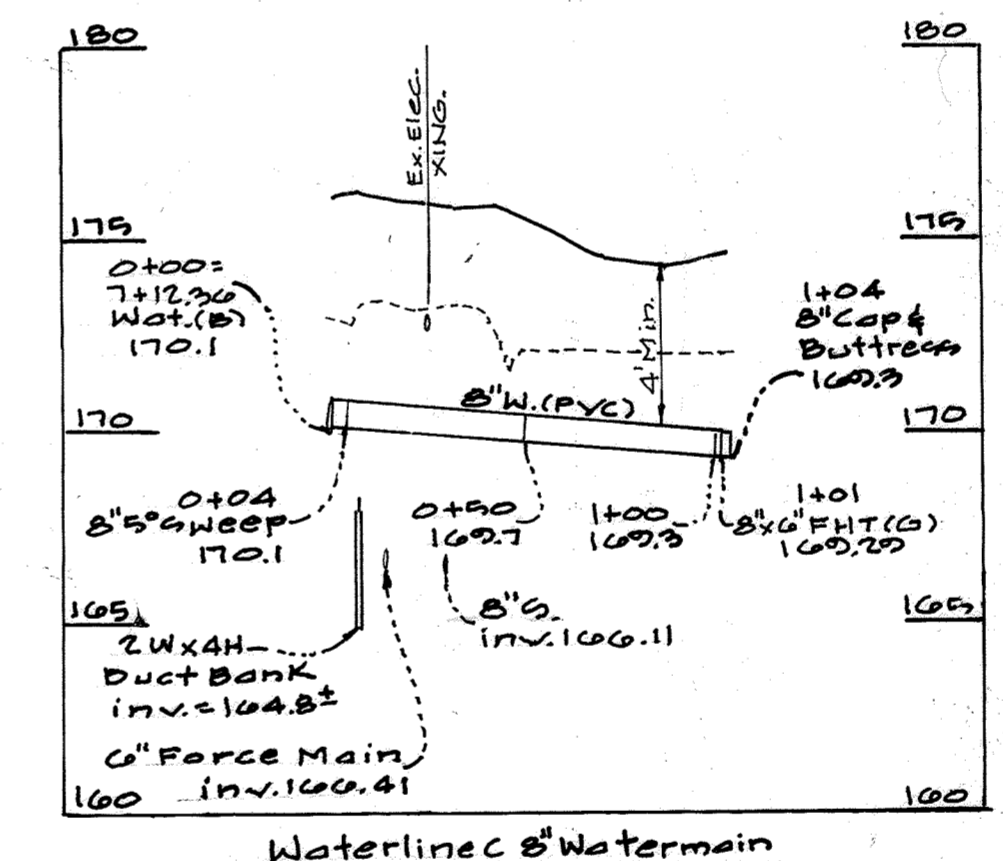
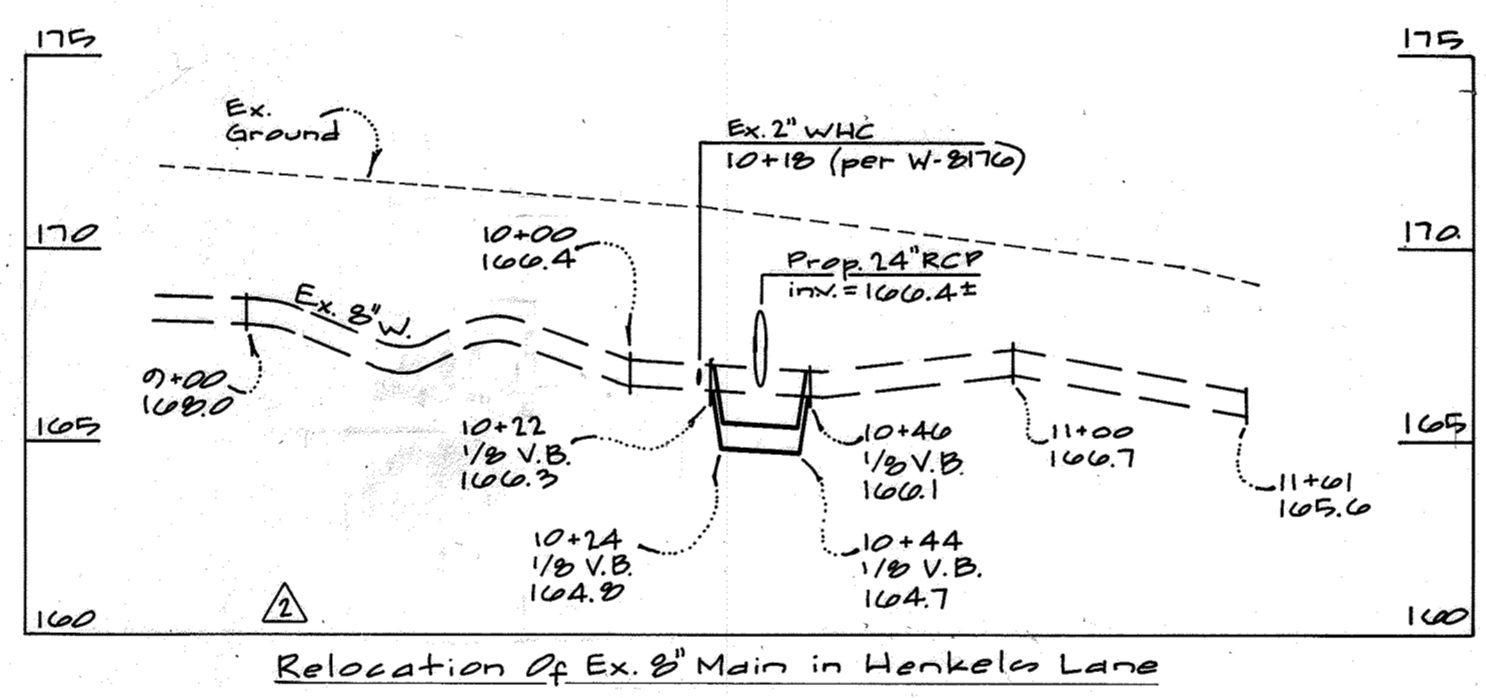
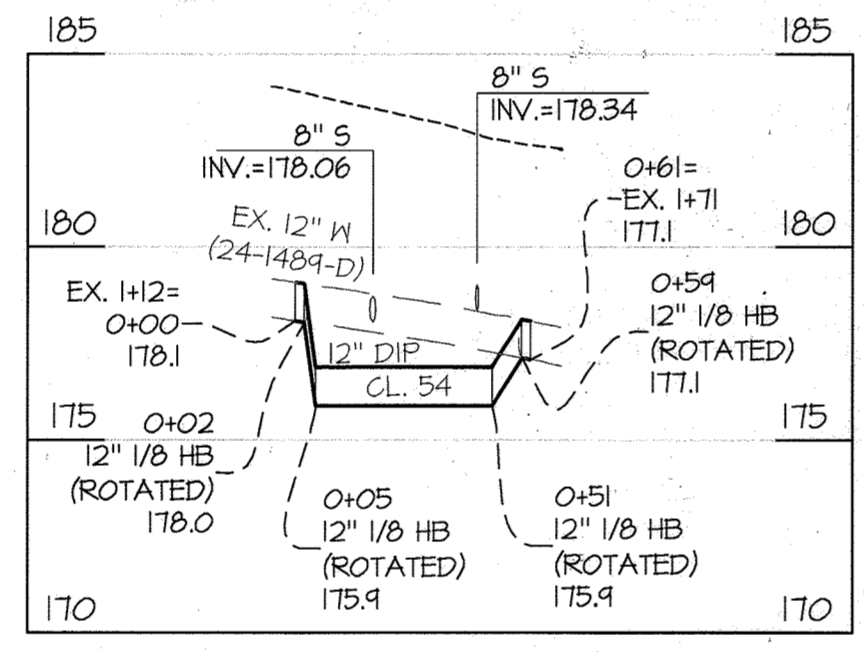
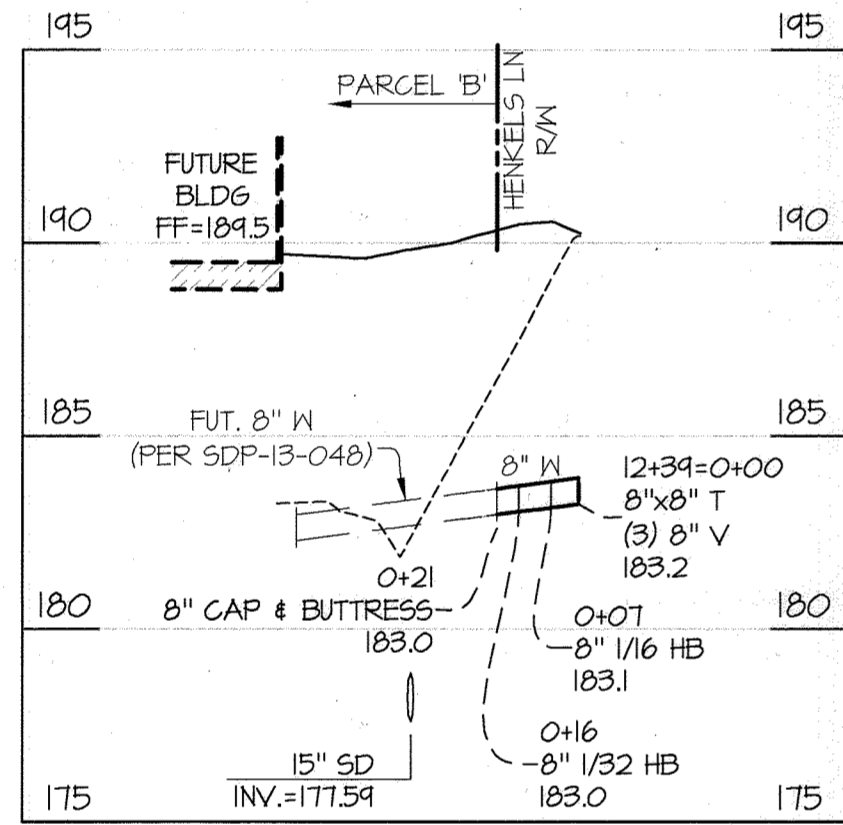
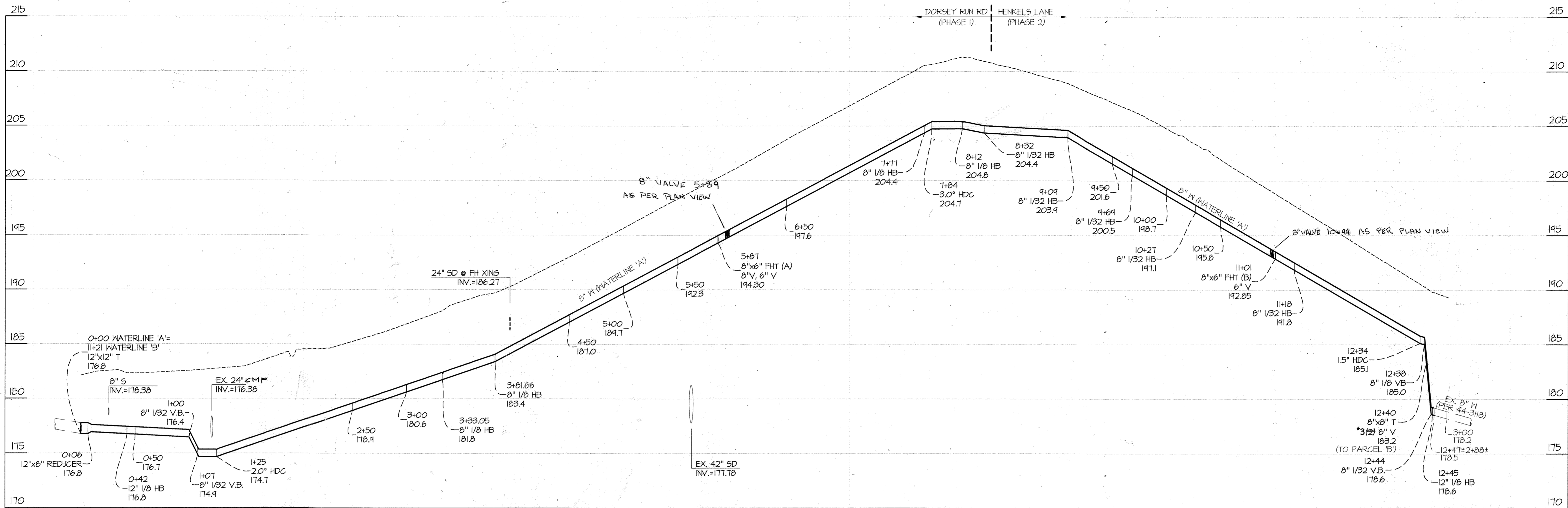


NO.	REVISION	DATE
1	ADDED HOTEL/RESIDENTIAL BUILDINGS & REVISED WATER/SEWER	9/14/2012
2	IDENTIFIED PUBLIC AND PRIVATE LIMITS OF JUNCTION DRIVE	7-7-14
3	AS-CORRECTED	11/10/15

PROFILES
(WATER)
JUNCTION DRIVE
600' SCALE MAP NO. 48 BLOCK NO. 20

ANNAPOLIS JUNCTION
TOWN CENTER AT SAVAGE STATION
CONTRACT No. 24-4788-D
PART OF PARCEL A-1 AND ALL OF PARCELS A-2 THRU A-6, SAVAGE TOWNE CENTRE,
PLAT NOS. 2013-10235, PART OF PARCEL B, GOLDEN KEY, PLAT NO. 5809 AND PART OF
DORSEY RUN ROAD, SRC PLAT NO. 57272
HOWARD COUNTY, MARYLAND
ELECTION DISTRICT No. 6

SCALE
1"=50' (H)
1"=5' (V)
SHEET
5 OF 7



PREPARED FOR:
ANNAPOLIS JUNCTION
TOWN CENTER, LLC
4816 DEL RAY AVENUE
BETHESDA, MD 20815

ATTN: PETER ZADORETZKY

DEPARTMENT OF
PUBLIC WORKS
HOWARD COUNTY, MARYLAND

John C. Gern
7/10/13
CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF
PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

[Signature]
6/17/13
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 20986
TEL: 301-421-4024 BALTO: 410-680-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

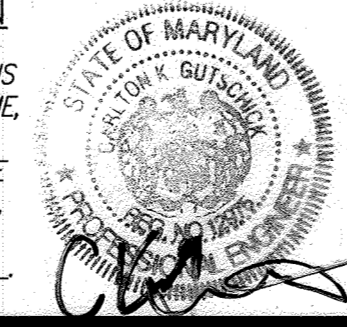
DES. MAJ DRN. AWL CHK. CKG

DATE
JAN. 2013

G.L.W. No.
11107

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]
7-11-13



BY	NO	REVISION	DATE
WWS	1	Added Waterline C Profile	02/14/2013
klp	2	Added ex. 8\"/>	11/16/2014

PROFILES
(WATER)
DORSEY RUN RD & HENKELS LANE

600' SCALE MAP NO. 48 BLOCK NO. 20

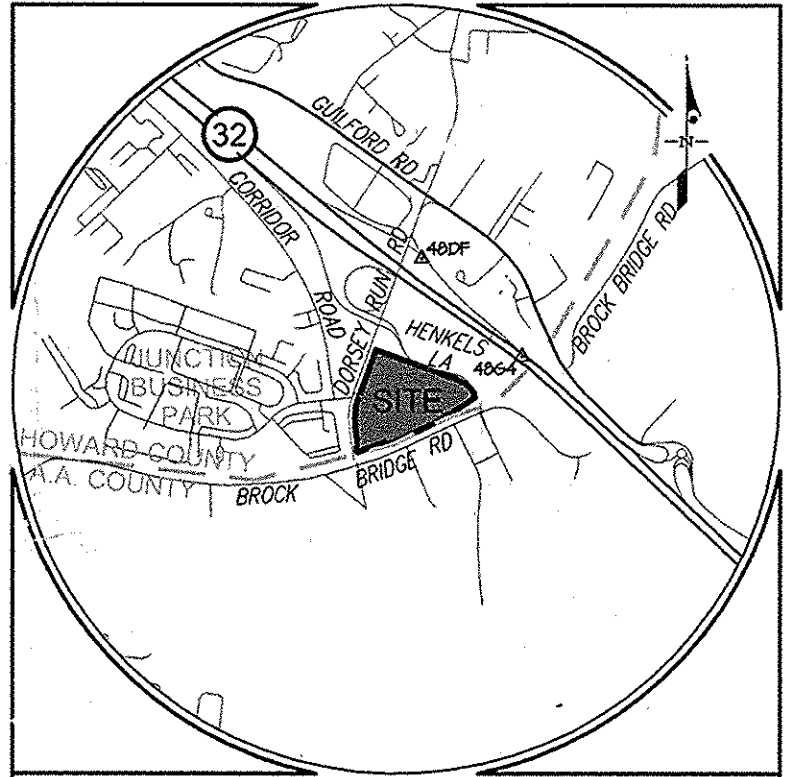
ANNAPOLIS JUNCTION
TOWN CENTER AT SAVAGE STATION
CONTRACT No. 24-4788-D

(PART OF PARCEL A-1 AND ALL OF PARCELS A-2 THRU A-6, SAVAGE TOWNE CENTRE,
PLAT NOS. 2013-10235, PART OF PARCEL B, GOLDEN KEY, PLAT NO. 5909 AND PART OF
DORSEY RUN ROAD, SRC PLAT NO. 57272)

HOWARD COUNTY, MARYLAND
ELECTION DISTRICT No. 6

SCALE
1"=50' (H)
1"=5' (V)

SHEET
6 OF 7



VICINITY MAP

SCALE: 1" = 2,000'

ADC MAP PAGES 5054 GRID C-10 & 5170 GRID C1

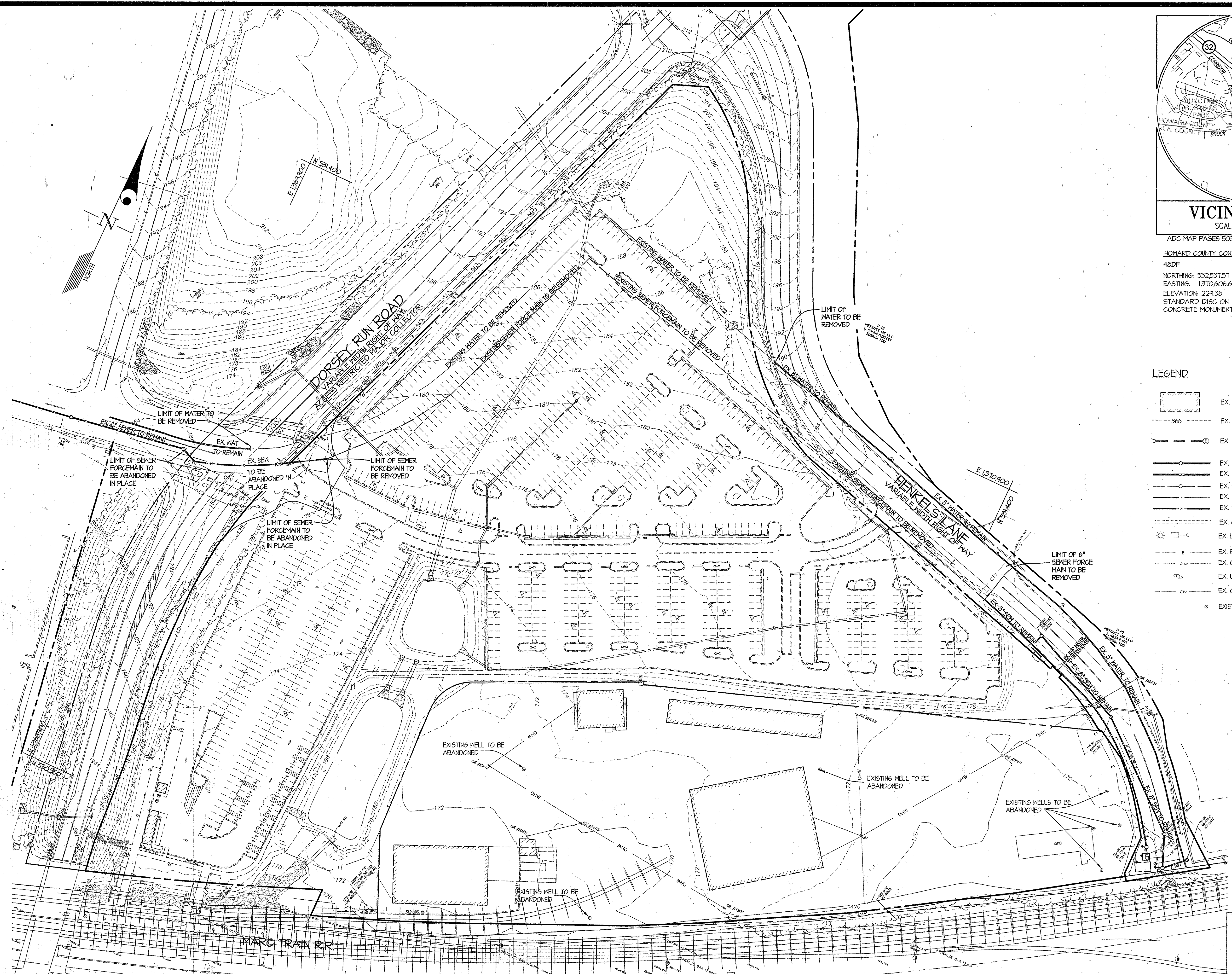
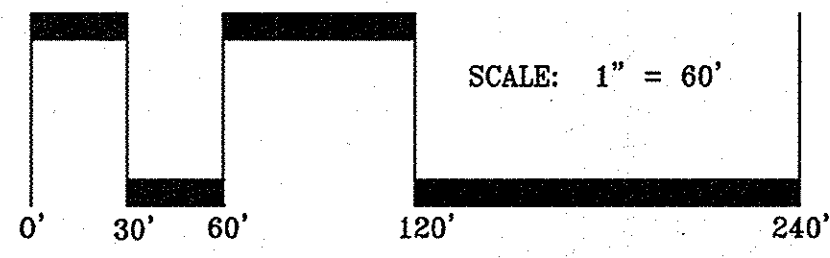
HOWARD COUNTY CONTROL STATIONS

480F	4864
NORTHING: 532,531.51	NORTHING: 531,514.16
EASTING: 1,370,606.65	EASTING: 1,371,653.77
ELEVATION: 224.38	ELEVATION: 205.90
STANDARD DISC ON CONCRETE MONUMENT	STANDARD DISC ON CONCRETE MONUMENT

LEGEND

- EX. BUILDING
- EX. CONTOUR
- EX. STORM DRAIN
- EX. SANITARY SEWER (TO REMAIN)
- EX. WATER (TO REMAIN)
- EX. SANITARY SEWER (TO BE REMOVED)
- EX. WATER (TO BE REMOVED)
- EX. SEWER (TO BE ABANDONED)
- EX. CURB & GUTTER
- EX. LIGHT FIXTURE & POLE
- EX. ELECTRIC LINE
- EX. OVERHEAD WIRE
- EX. UTILITY POLE
- EX. CABLE TV LINE
- EXISTING WELL TO BE ABANDONED

NOTE: SEE PHASE I PLAN FOR PHASING OF WATER LINE & FORCE MAIN REMOVAL. EXISTING SERVICE TO REMAIN IN USE AT ALL TIMES UNTIL NEW UTILITIES HAVE BEEN CONSTRUCTED & APPROVED FOR CONNECTION.



PREPARED FOR:
ANNAPOLIS JUNCTION
TOWN CENTER, LLC
4816 DEL RAY AVENUE
BETHESDA, MD 20815

ATTN: PETER ZADORETZKY

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

Silva Cherna
CHIEF, BUREAU OF UTILITIES

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

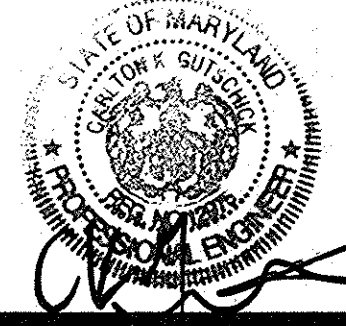
[Signature]
BRIEF, DEVELOPMENT ENGINEERING DIVISION

GLW GUTSCHICK LITTLE & WEBER, P.A.
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
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EXP. DATE: MAY 26, 2014

[Signature]
7-11-13



BY	NO	REVISION	DATE

EXISTING CONDITIONS AND ABANDONMENT PLAN

600' SCALE MAP NO. 48 BLOCK NO. 20

ANNAPOLIS JUNCTION TOWN CENTER AT SAVAGE STATION CONTRACT No. 24-4788-D
(PART OF PARCEL A-1 AND ALL OF PARCELS A-2 THRU A-6, SAVAGE TOWNE CENTRE, PLAT NOS. 20130-10235, PART OF PARCEL B, GOLDEN KEY, PLAT NO. 5909 AND PART OF DORSEY RUN ROAD, SRC PLAT NO. 57272)
HOWARD COUNTY, MARYLAND ELECTION DISTRICT No. 6

SCALE 1"=50'
SHEET 7 OF 7

L:\CAD\DRAWINGS\1107\PLANS BY GLW\110705-PLAN-EX Cond.dwg PLOTTED: 7/11/2013 9:20 AM, LAST SAVED: 7/10/2013 6:03 PM, PLOTTED BY: Tony Leppin