

QUANTITIES table with columns for ITEM, ESTIMATED, AS-BUILT QUANTITIES, TYPE, and SUPPLIER. Includes items like PVC pipe, manholes, valves, and hydrants.

Table with 3 columns: ITEM, ESTIMATED, AS-BUILT QUANTITIES. Lists various pipe fittings and valves.

BENCHMARK INFORMATION. B.M.#1 - HOWARD COUNTY CONTROL STATION #38A... B.M.#2 - HOWARD COUNTY CONTROL STATION #38A...

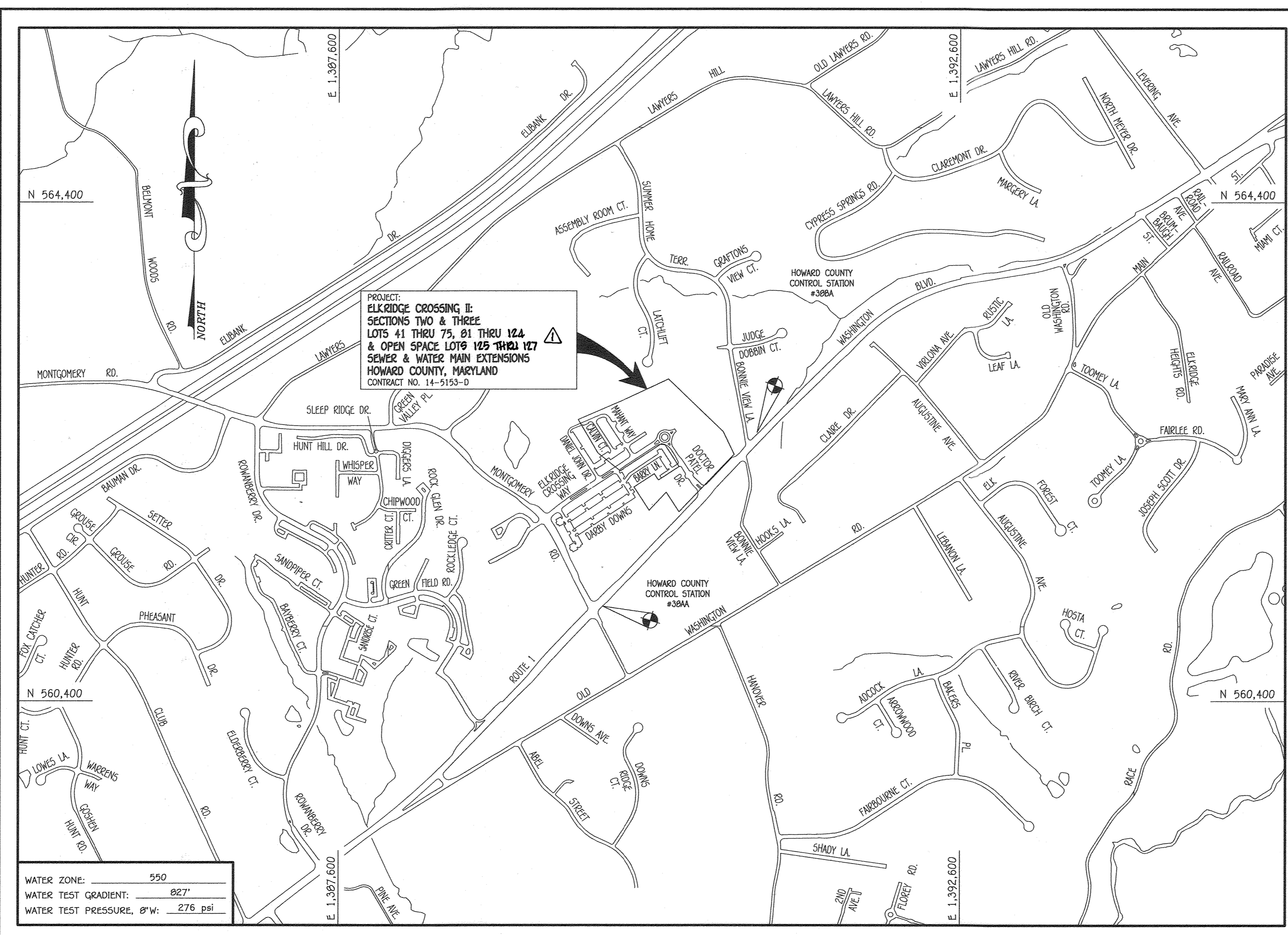
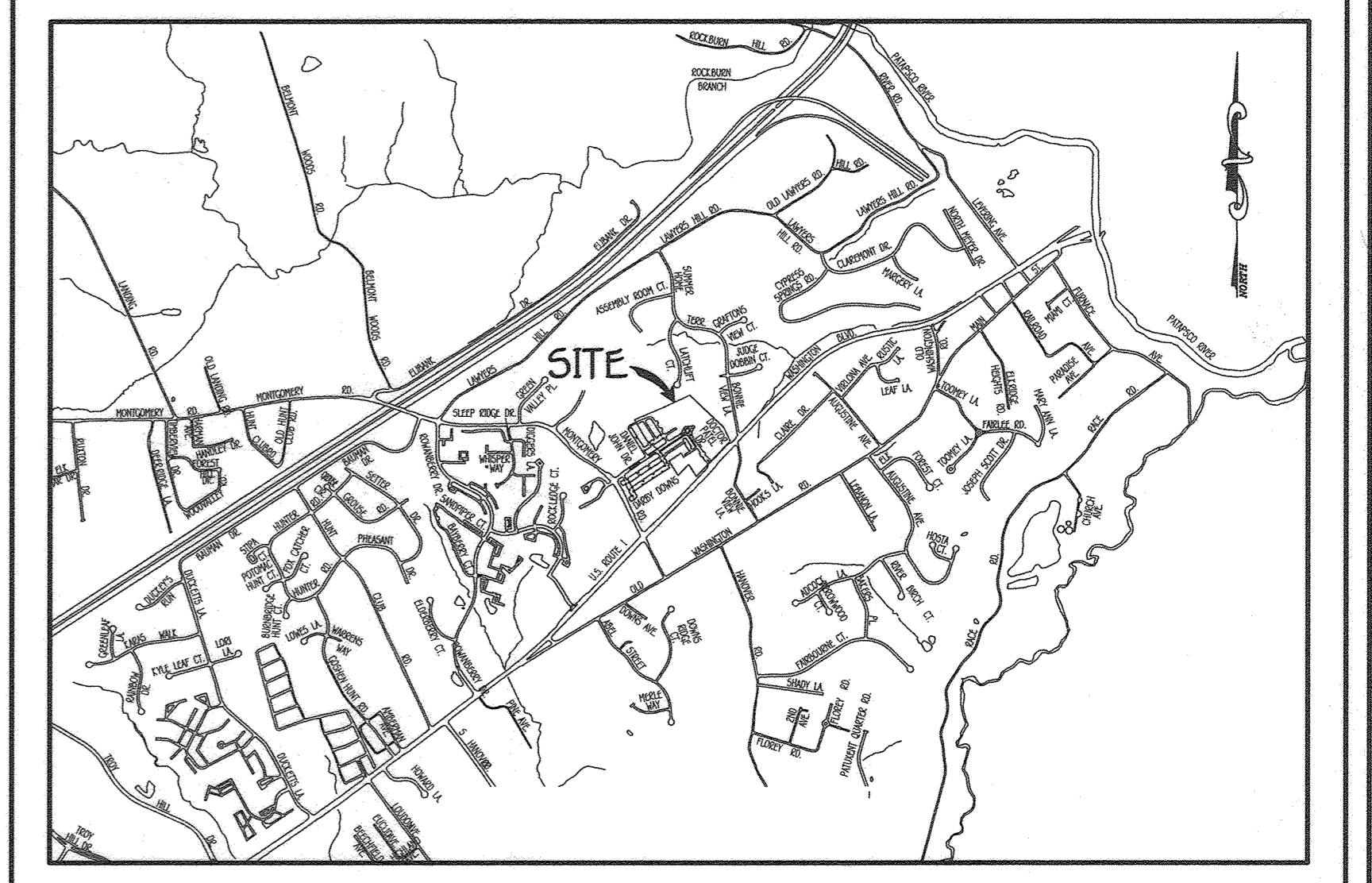


Table with columns for TYPE OF BUILDING, NUMBER OF LOTS, NO. OF WATER HOUSE CONNECTIONS, NO. OF SEWER HOUSE CONNECTIONS, SEWER SHED, and TREATMENT PLANT.

LOCATION MAP SCALE: 1" = 60'

PLAN REFERENCE NUMBERS: F-20-053 (RECORDED PLAT) 5DP-20-053 ECF-19-032 S-19-005



GENERAL NOTES VICINITY MAP SCALE: 1" = 200'

- 1. APPROXIMATE LOCATIONS OF EXISTING MANS ARE SHOWN... 2. TOPOGRAPHIC FIELD SURVEYS WERE PERFORMED... 3. HORIZONTAL AND VERTICAL SURVEY CONTROLS...

- 1. ALL WATER MAINS SHALL BE ANNA C900 PVC, DR-14... 2. TOPS OF ALL WATER MAINS SHALL HAVE A MINIMUM OF 3'-6" OF COVER... 3. VALVES ADJACENT TO TIES SHALL BE STRAPPED TO TIES...

DEVELOPER'S CERTIFICATION

I HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT...

Paul W. Koebel; FOR: ELK RIDGE DEVELOPERS, LLC 03-18-21

ENGINEER'S CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN...

Paul W. Koebel; FOR: ELK RIDGE DEVELOPERS, LLC 03-18-21

SEDMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 308 OF THE HOWARD COUNTY DESIGN MANUAL...

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY HOWARD SOIL CONSERVATION DISTRICT. APPROVED: Alexander Butcher, 04/09/21

WAIVER DM2-21-022

BY LETTER DATED MAY 24, 2021 MR. JOHN WEAVER, ACTING CHIEF, BUREAU OF ENGINEERING, DEVELOPMENT AND CONSTRUCTION, APPROVED WAIVER DM2-21-022...

LEGEND table with columns for SYMBOL and DESCRIPTION. Lists symbols for water main, sewer main, manhole, etc.

CONTRACT NO. 14-5153-D ELK RIDGE CROSSING II SECTIONS TWO & THREE LOTS 41 THRU 75, 81 THRU 124 & OPEN SPACE LOTS 125 THRU 127 SEWER AND WATER MAIN EXTENSIONS HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND. Chief, Bureau of Utilities: Alexander Butcher, 3-25-21

DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND. Chief, Development Engineering Division: M.G., 5-3-21

FISHER, COLLINS & CARTER, INC. CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

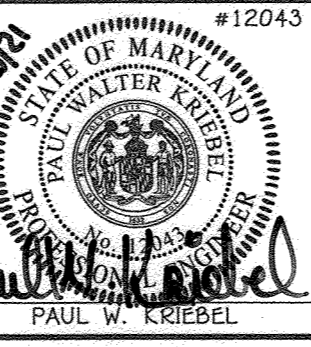
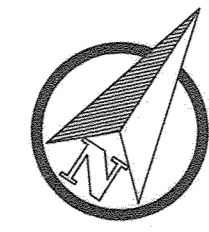


Table with columns for DESIGNED BY, DRAWN BY, CHECKED BY, DATE, and REVISION.

SEWER & WATER MAIN EXTENSIONS TITLE SHEET. 600' SCALE MAP NO. 30 BLOCK NO. 2 & 3 F.C.C. WORK ORDER NO. 18017

ELK RIDGE CROSSING II SECTIONS TWO & THREE LOTS 41 THRU 75, 81 THRU 124 & OPEN SPACE LOTS 125 THRU 127 SEWER AND WATER MAIN EXTENSIONS CONTRACT NO. 14-5153-D FIRST ELECTION DISTRICT HOWARD COUNTY, MARYLAND

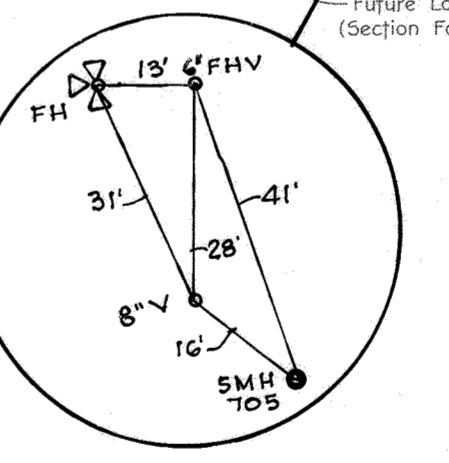
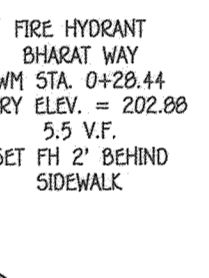
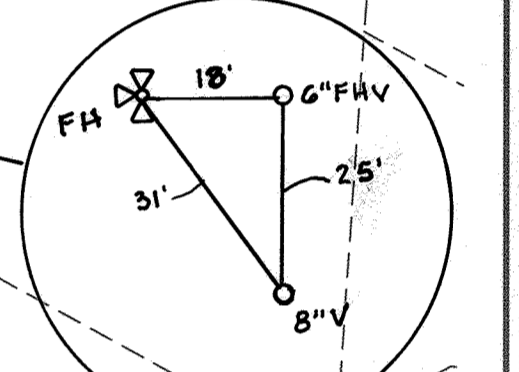
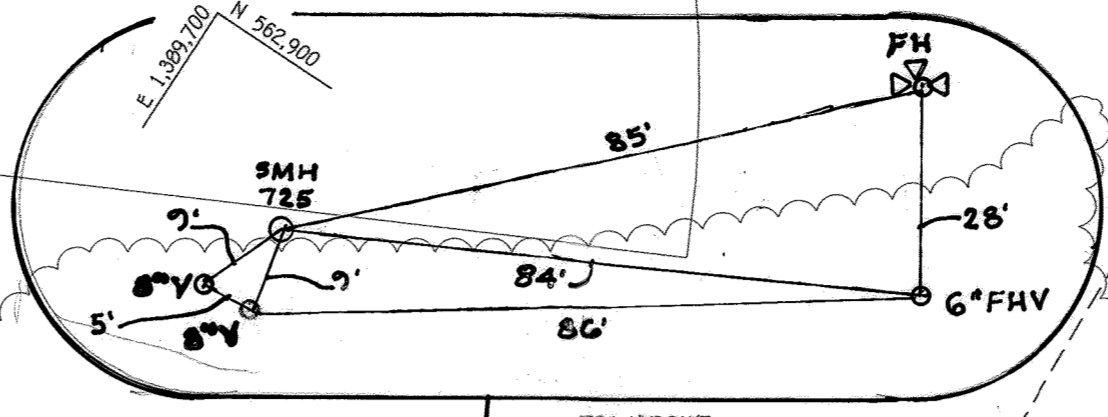
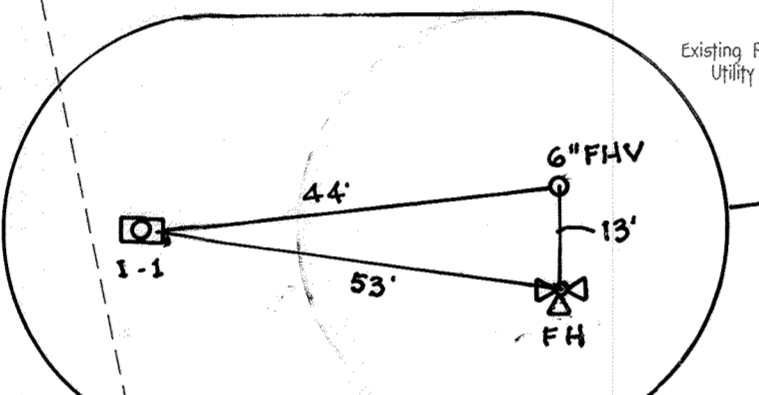
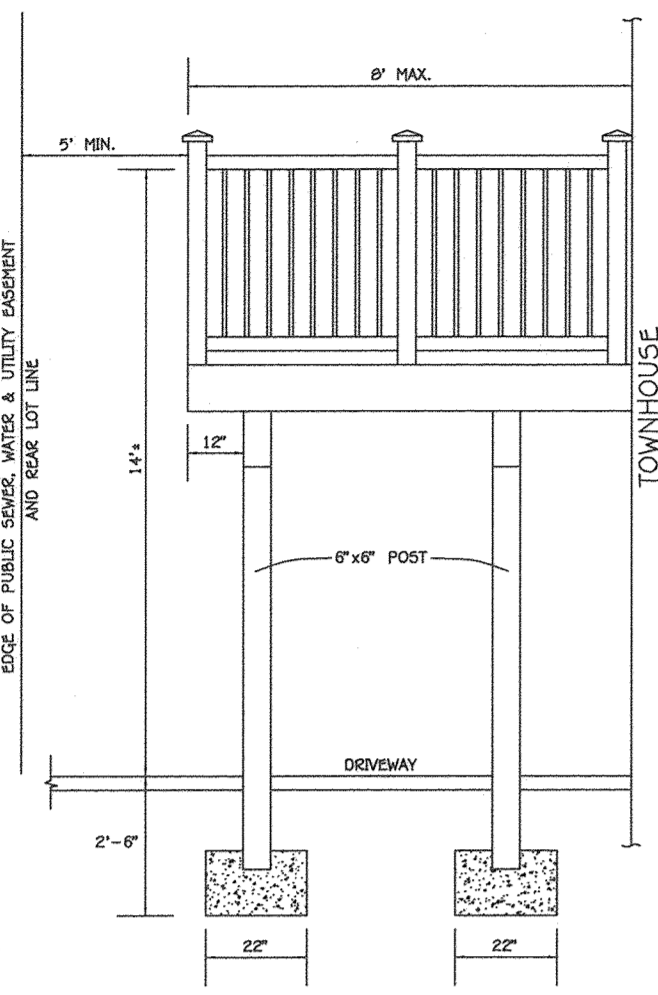
SCALE AS SHOWN SHEET 1 OF 7



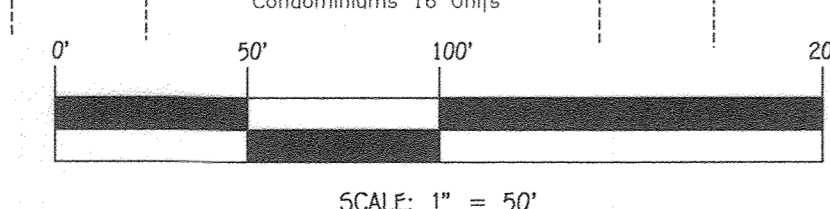
WAIVER (DMV2-21-022); CONDITIONS & LIMITATIONS

1. Decks (maximum depth thereof) shall be such that the approved deck plan (permit approved) allows that any structural post, footing and/or overhang limits shall be a minimum of five (5) feet from any water valve, sewer cleanout or water/sewer appurtenance (e.g. meter).
2. The construction of access steps, from/to exterior grade, for the decks shall not be permitted.
3. The deck conditions and size limitations approved herein shall be noted and documented on the Water and Sewer contract drawings, Site Development Plans and elsewhere as may be directed by Development Engineering.

DECK DETAIL ELEVATION SIDE VIEW  
NO SCALE



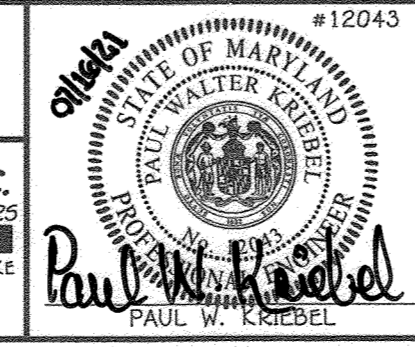
Mohitkumar Property  
Parcel 635  
139/237  
Zoned: R-ED



DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A QUALY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 12043 EXPIRATION DATE 5/7/16/22.



DESIGNED BY: J.C.L.  
DRAWN BY: J.C.L.  
CHECKED BY: P.W.K.  
DATE: JULY, 2021

FISHER, COLLINS & CARTER, INC.  
CIVIL ENGINEERING, CONSULTANTS & LAND SURVEYORS  
CENTRAL SQUARE OFFICE PARK - 10272 BALDOR NATIONAL PIKE  
ELKRIE CITY, MARYLAND 21042  
(410) 461-2095

WRA AS BUILT  
FCC REVISE LAYOUT TO INCLUDE 7 ADDITIONAL TOWNHOUSE UNITS, ADD ANNA PLACE, DECKS 5 & DECK DETAIL  
DATE: 7/16/23

SEWER & WATER MAIN EXTENSIONS PLAN  
600' SCALE MAP NO. 38 BLOCK NO. 2 & 3  
F.C.C. WORK ORDER NO. 18017  
FILE NAME: SEWER & WATER MAIN CONTRACT PLANS

ELKRIDGE CROSSING II  
SECTIONS TWO & THREE  
LOTS 41 THRU 75, 81 THRU 124 & OPEN SPACE LOT 125 THRU 127  
SEWER AND WATER MAIN EXTENSIONS  
CONTRACT NO. 14-5153-D  
FIRST ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

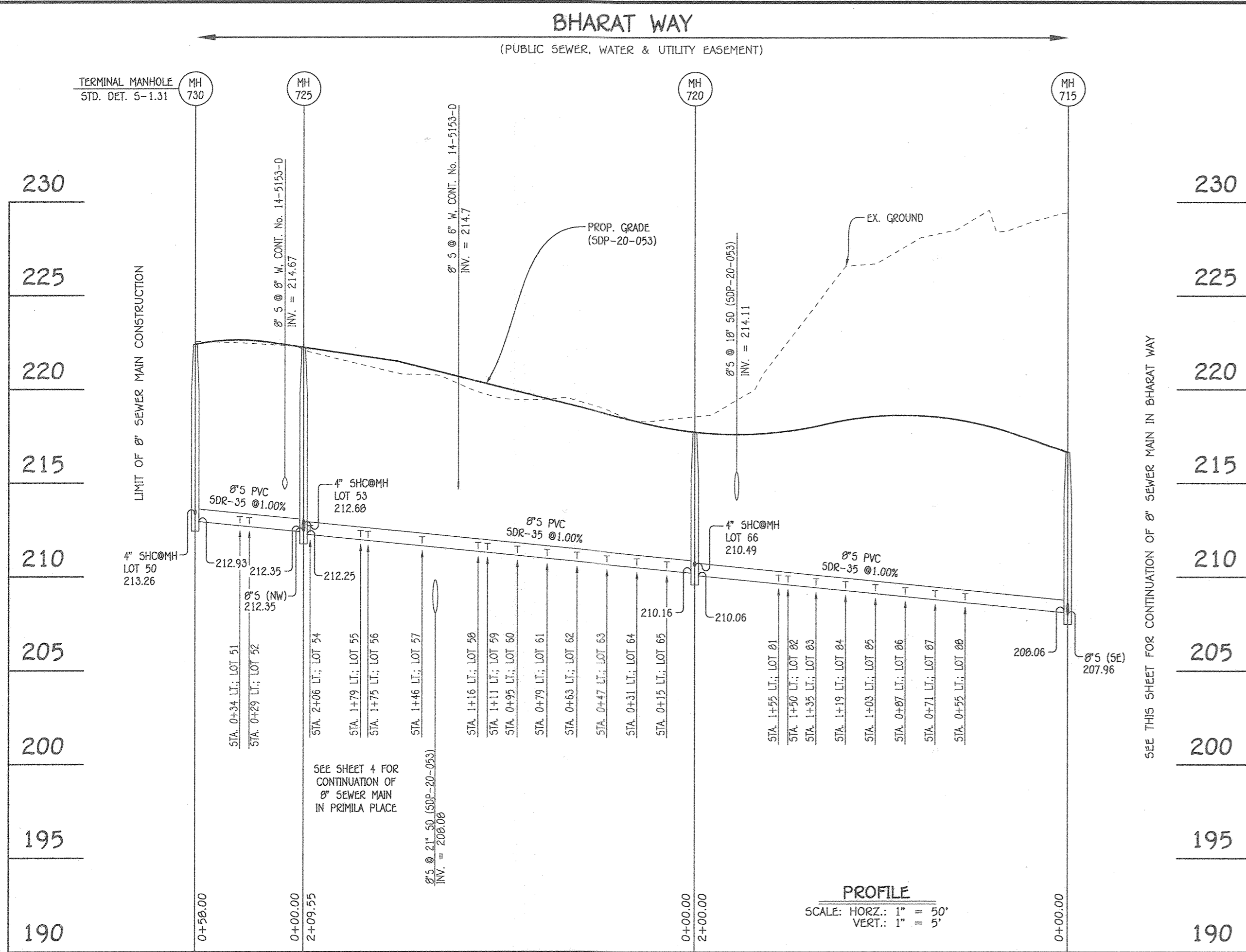
SCALE AS SHOWN  
SHEET 2 OF 7

NOTE:  
THIS ORIGINAL CONSTRUCTION PLAN, SHEET 2 OF 7 SUPERSEDES THE SEWER AND WATER MAIN CONSTRUCTION PLAN PREVIOUSLY APPROVED AND SIGNED BY THE DEPARTMENT OF PLANNING AND ZONING ON MAY 3, 2021.  
REPLACEMENT SHEET

PRIVATE UTILITY NOTE:  
THE COUNTY SHALL BEAR ABSOLUTELY NO RESPONSIBILITY FOR THE RECONSTRUCTION, REPAIR OR REPEATED MAINTENANCE REQUIRED DUE TO ANY DAMAGE TO THE PRIVATE UTILITIES INCLUDING, BUT NOT LIMITED TO STORM DRAINS, STORM DRAIN STRUCTURES (e.g. INLETS AND MANHOLES), MICRO BIO-RETENTION FACILITIES AND OTHER PRIVATE SYSTEMS OR FEATURES RESULTING FROM OR INCURRED DURING MAINTENANCE AND/OR REPAIR OF THE PUBLIC WATER, SEWER OR UTILITIES. ANY COSTS INCURRED BY THE COUNTY THAT IS ASSOCIATED WITH RECONSTRUCTION OF PRIVATE UTILITIES, BY THE COUNTY, SHALL BE THE RESPONSIBILITY OF THE OWNER OR ITS SUCCESSORS OR ASSIGNS. THE AFOREMENTIONED INCLUDES PRIVATE UTILITIES AND OR STRUCTURES PERMITTED WITHIN THE EASEMENT OR WITHIN THE 10 FOOT EASEMENT SETBACK VIA APPROVED WATER FROM THE DEPARTMENT OF PUBLIC WORKS.

CONTRACT NO. 14-5153-D  
ELKRIDGE CROSSING II  
SECTIONS TWO & THREE  
LOTS 41 THRU 75, 81 THRU 124 & OPEN SPACE LOT 125 THRU 127  
SEWER AND WATER MAIN EXTENSIONS  
HOWARD COUNTY, MARYLAND

I:\2018\18017\Engineering\DWG\18017-001\_Sewer & Water Contract\Phase 2 WS Cont. No. 24 - D:\final 2021\headline units 2021 with Anna place\18017 Sewer and Water Contract plans.dwg, plan, 7/16/2021 11:02:44 AM, 1:1

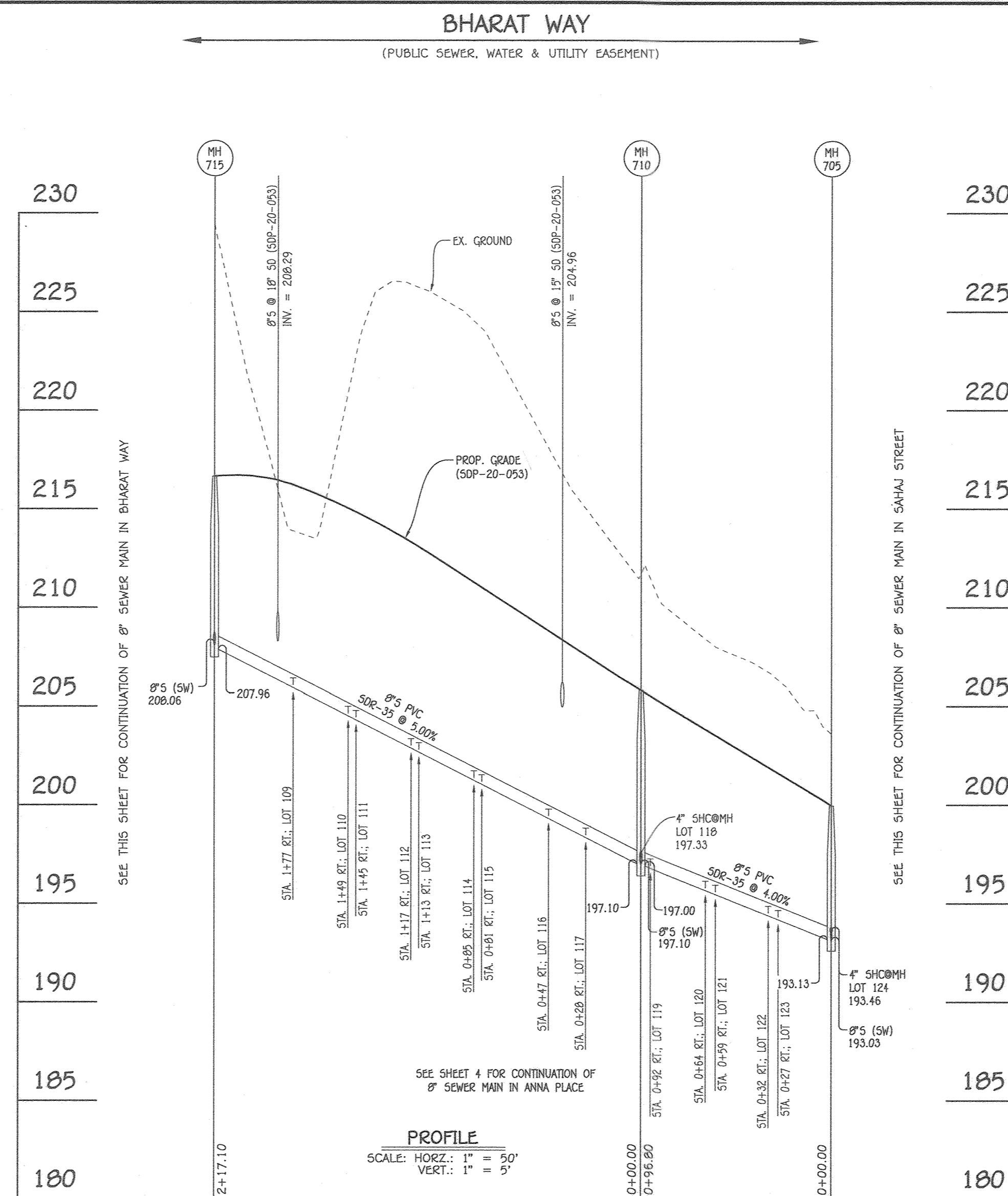


8" SEWER MAIN: BHARAT WAY; MH 715 TO MH 730

MANHOLE TABULATION CHART			
NO.	NORTHING	EASTING	RIM ELEVATION
715	562894.42	1390229.56	216.66
720	562784.87	1390062.24	217.73
725	562670.09	1389886.92	222.23
730	562638.32	1389838.39	222.40

NOTE: SET MH RIMS FLUSH W/PROPOSED GRADE.

SEWER HOUSE CONNECTION CHART					
STATION	LOT	ELEVATION AT MAIN	ELEVATION AT EDGE OF EASEMENT	M.C.E.	SLAB ELEV.
MH 715 TO MH 720: BHARAT WAY					
0+55 LT.	80	208.78	209.18	213.08	219.92
0+71 LT.	87	208.94	209.34	213.24	219.92
0+87 LT.	86	209.10	209.50	213.40	220.59
1+03 LT.	85	209.26	209.66	213.56	220.59
1+19 LT.	84	209.42	209.82	213.72	220.59
1+35 LT.	83	209.58	209.98	213.88	220.59
1+50 LT.	82	209.73	210.13	214.03	220.59
1+55 LT.	81	209.78	210.18	214.08	219.92
MH 720 TO MH 725: BHARAT WAY					
0+15 LT.	65	210.48	210.88	214.78	219.68
0+31 LT.	64	210.64	211.04	214.94	220.35
0+47 LT.	63	210.80	211.20	215.10	221.02
0+63 LT.	62	210.96	211.36	215.26	221.02
0+79 LT.	61	211.12	211.52	215.42	221.69
0+95 LT.	60	211.28	211.68	215.58	221.69
1+11 LT.	59	211.44	211.84	215.74	222.36
1+16 LT.	58	211.49	211.89	215.79	222.36
1+46 LT.	57	211.79	212.19	216.09	223.53
1+75 LT.	56	212.08	212.48	216.38	223.53
1+79 LT.	55	212.12	212.52	216.42	223.53
2+06 LT.	54	212.39	212.79	216.69	223.53
MH 725 TO MH 730: BHARAT WAY					
0+29 LT.	53	212.68	213.08	216.98	223.53
0+34 LT.	52	212.81	213.21	217.11	223.53
0+34 LT.	51	212.86	213.36	217.16	223.53
0+34 LT.	50	213.26	213.66	217.56	223.53

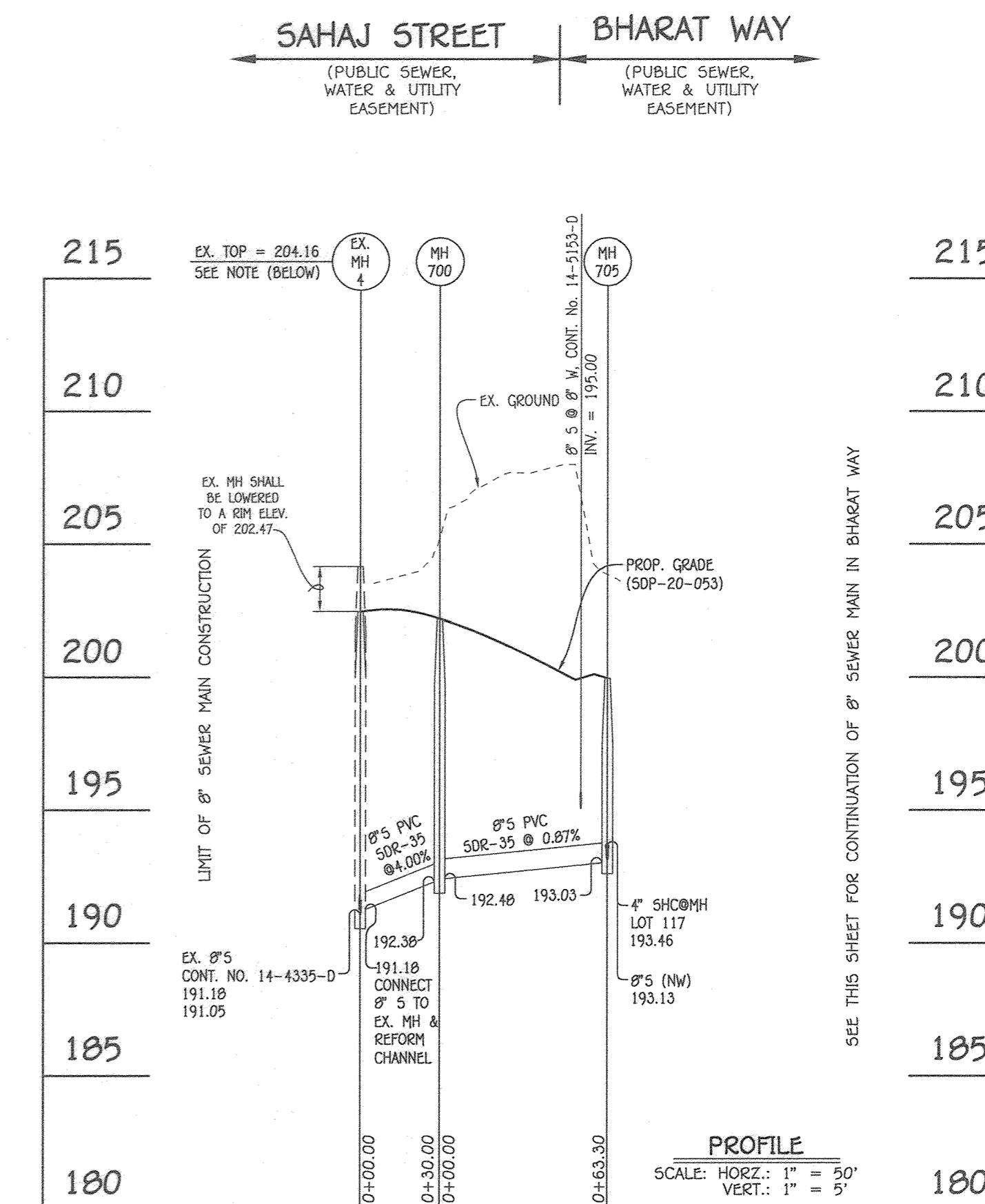


8" SEWER MAIN: BHARAT WAY; MH 705 TO MH 715

MANHOLE TABULATION CHART			
NO.	NORTHING	EASTING	RIM ELEVATION
705	562631.74	1390401.47	199.97
710	562712.75	1390348.46	205.81
715	562894.42	1390229.56	216.66

NOTE: SET MH RIMS FLUSH W/PROPOSED GRADE.

SEWER HOUSE CONNECTION CHART					
STATION	LOT	ELEVATION AT MAIN	ELEVATION AT EDGE OF EASEMENT	M.C.E.	SLAB ELEV.
MH 705 TO MH 710: BHARAT WAY					
0+27 RT.	124	194.46	194.78	198.64	202.90
0+27 RT.	123	194.38	194.70	198.56	203.57
0+32 RT.	122	194.58	194.90	198.76	204.24
0+59 RT.	121	195.66	195.98	199.84	205.57
0+64 RT.	120	195.86	196.18	200.04	206.24
0+92 RT.	119	196.98	197.30	201.16	206.91
0+92 RT.	118	197.33	197.65	201.51	208.24
MH 710 TO MH 715: BHARAT WAY					
0+28 RT.	117	198.67	198.99	202.85	209.57
0+47 RT.	116	199.62	199.94	202.80	211.24
0+81 RT.	115	201.32	201.64	205.50	212.57
0+85 RT.	114	201.52	201.84	205.70	213.90
1+13 RT.	113	202.92	203.24	207.10	214.57
1+17 RT.	112	203.12	203.44	207.30	215.24
1+45 RT.	111	204.52	204.84	208.70	215.91
1+49 RT.	110	204.72	205.04	208.90	216.58
1+77 RT.	109	206.12	206.44	210.30	217.25



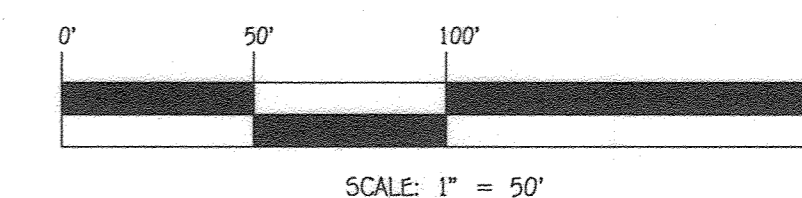
8" SEWER MAIN: SAHAJ STREET; EX. MH 4 TO MH 705

MANHOLE TABULATION CHART			
NO.	NORTHING	EASTING	RIM ELEVATION
EX. MH 4	562578.15	1390326.47	202.47: SEE NOTE THIS SHEET
700	562597.07	1390348.50	202.20
705	562631.74	1390401.47	199.97

NOTE: SET MH RIMS FLUSH W/PROPOSED GRADE.

NOTE:  
THIS ORIGINAL CONSTRUCTION PLAN, SHEET 3 OF 7 SUPERSEDES THE SEWER AND WATER MAIN CONSTRUCTION PLAN PREVIOUSLY APPROVED AND SIGNED BY THE DEPARTMENT OF PLANNING AND ZONING ON MAY 3, 2021.

REPLACEMENT SHEET

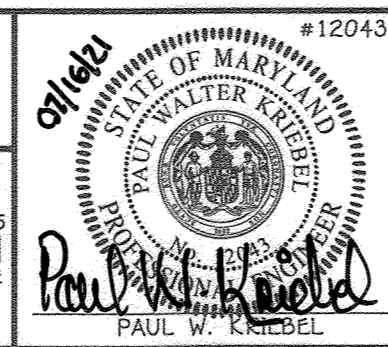


CONTRACT NO. 14-5153-D  
ELKRIDGE CROSSING II  
SECTIONS TWO & THREE  
LOTS 41 THRU 75, 81 THRU 124  
& OPEN SPACE LOT 125 THRU 127  
SEWER AND WATER MAIN EXTENSIONS  
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND  
7/23/2021

DEPARTMENT OF PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND  
1/1/21

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 12843 EXPIRATION DATE IS 7/16/22.  
FISHER, COLLINS & CARTER, INC.  
CIVIL ENGINEERING, CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PARK  
ELKRIE CITY, MARYLAND 21042  
(410) 461-2895



DESIGNED BY: J.C.L.  
DRAWN BY: J.C.L.  
CHECKED BY: P.W.K.  
DATE: JULY, 2021  
FCC REVISE LOT LAYOUT, ADD ANNA PLACE, DECKS & DECK DETAIL  
7/16/21

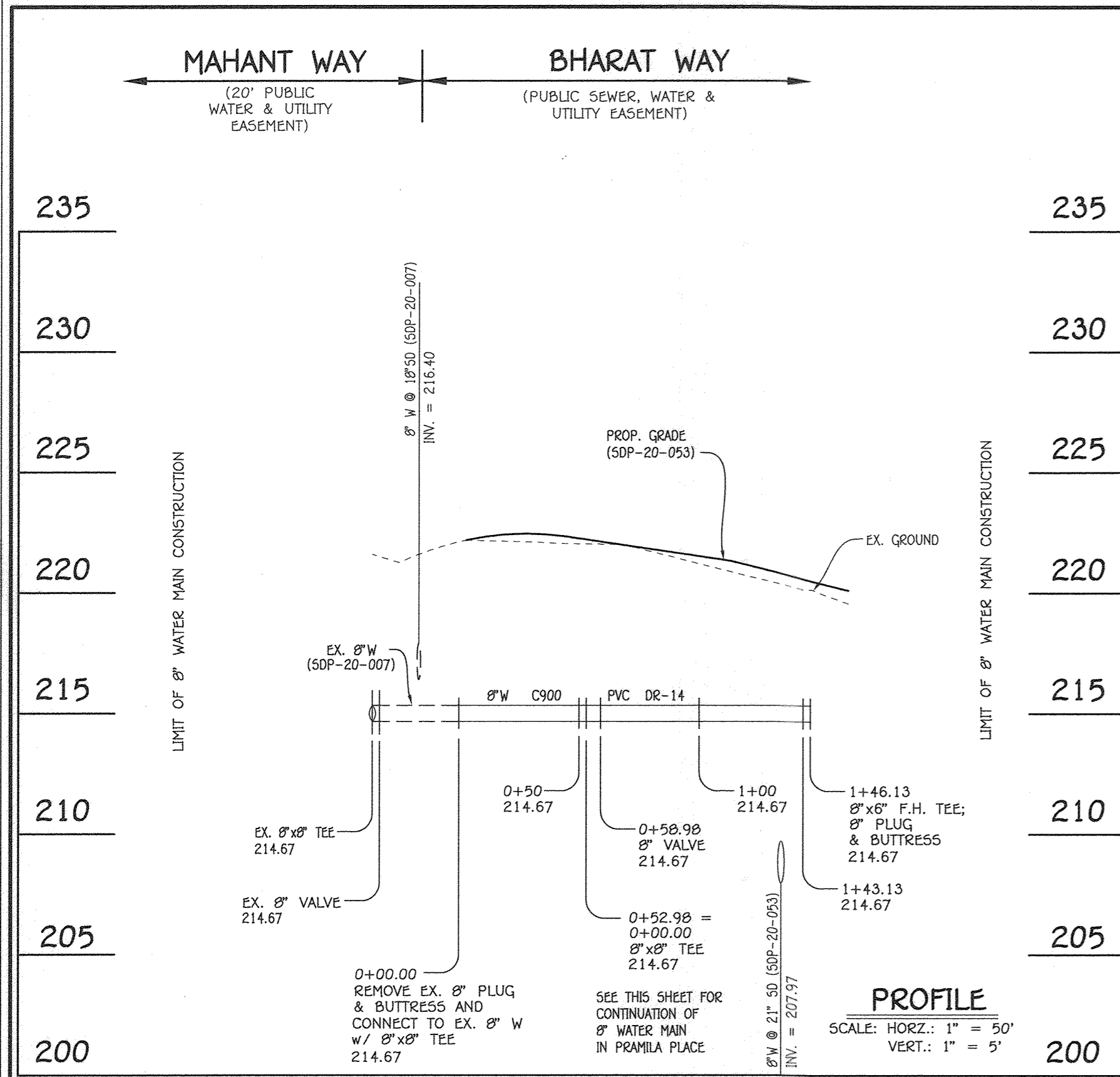
SEWER MAIN EXTENSIONS  
PROFILES & CHARTS

600' SCALE MAP NO. 38 BLOCK NO. 2 & 3  
F.C.C. WORK ORDER NO. 18017  
FILE NAME: SEWER & WATER MAIN CONTRACT PLANS

ELKRIDGE CROSSING II  
SECTIONS TWO & THREE  
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CONTRACT NO. 14-5153-D  
FIRST ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

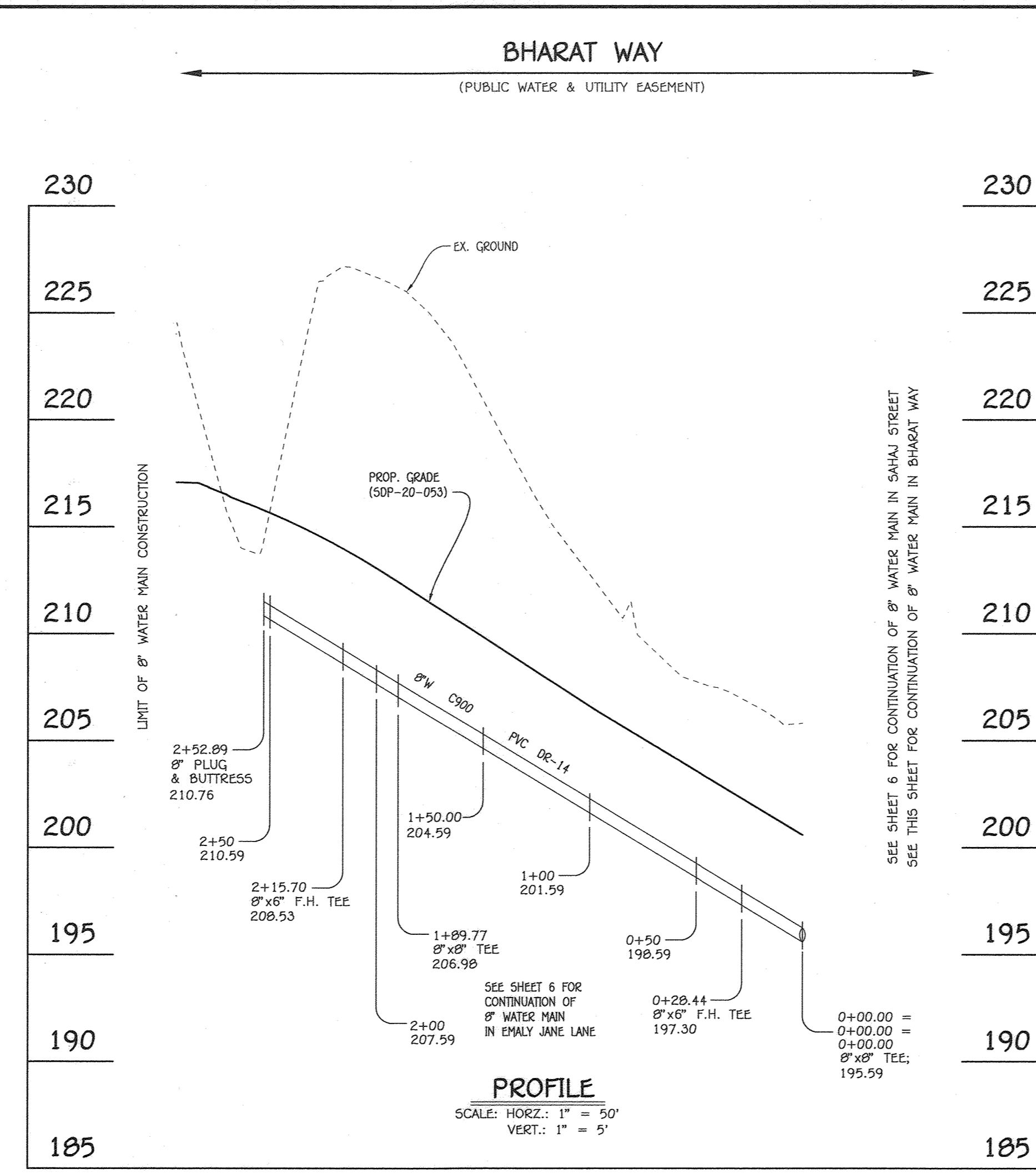
SCALE AS SHOWN  
SHEET 3 OF 7





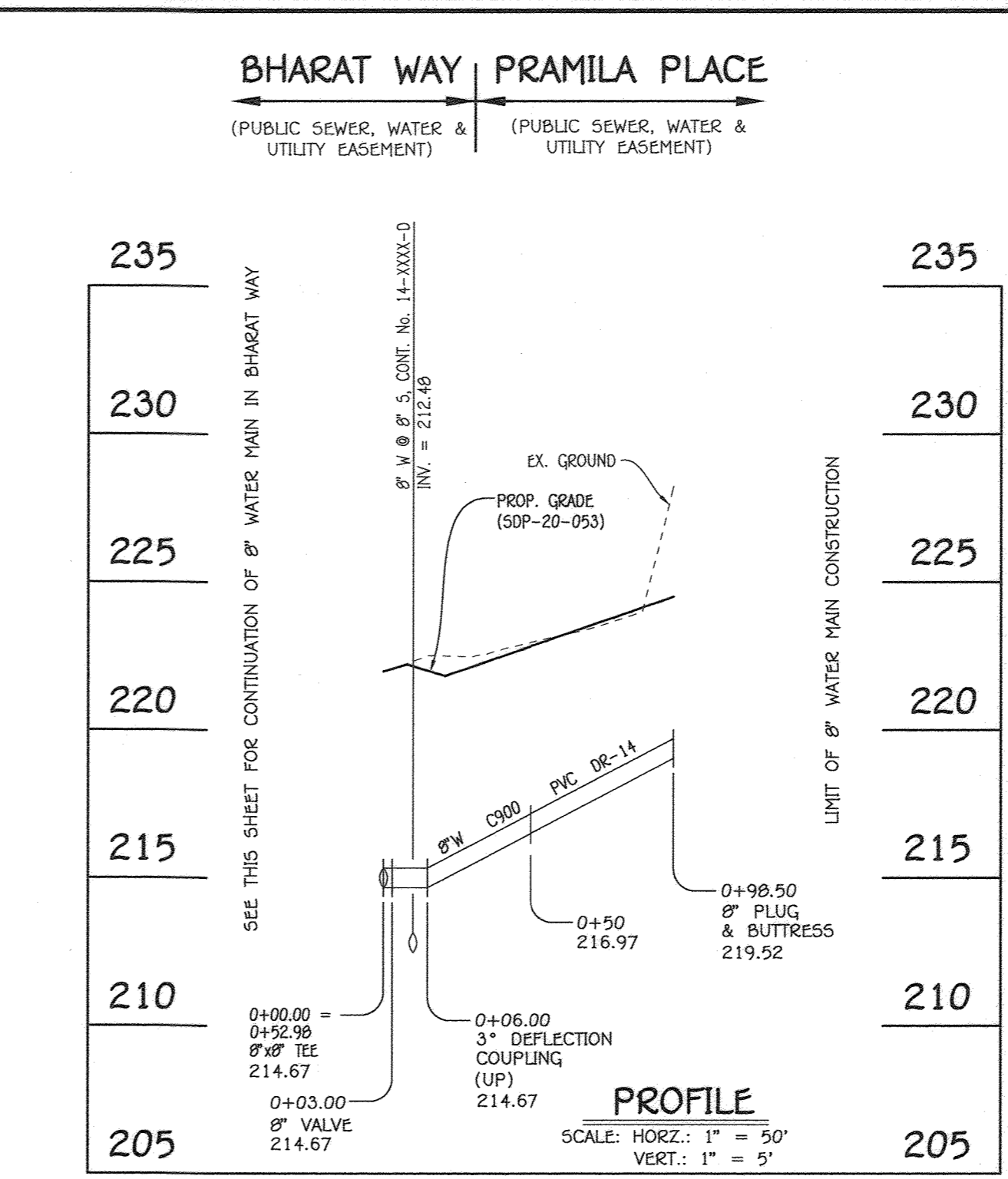
**8" WATER MAIN: BHARAT WAY**

W.M. STA.	APPURTENANCE	NORTHING	EASTING
8" WATER MAIN: BHARAT WAY			
0+52.98	8" X 8" TEE	562656.22	1309884.02
0+58.98	8" VALVE	562659.53	1309889.05
1+53.00	8" X 6" F.H. TEE	562711.10	1309967.89
1+53.00	8" PLUG & BUTTRESS	562711.10	1309967.89



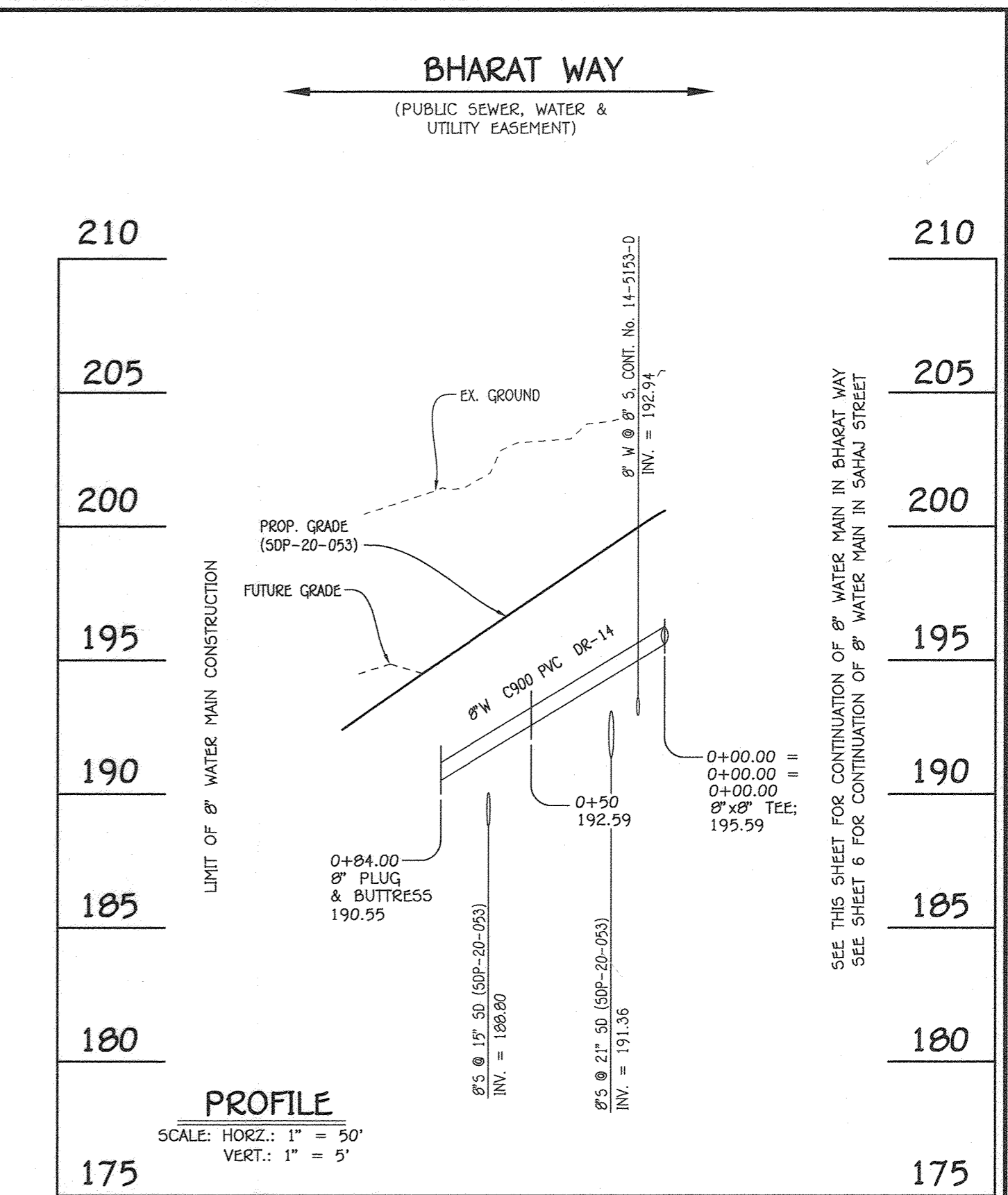
**8" WATER MAIN: BHARAT WAY**

W.M. STA.	APPURTENANCE	NORTHING	EASTING
8" WATER MAIN: BHARAT WAY			
0+00.00	8" X 8" TEE	562634.58	1390387.49
0+28.44	8" X 6" F.H. TEE	562658.42	1390371.95
1+09.77	8" X 8" TEE	562793.49	1390283.59
2+15.70	8" X 6" F.H. TEE	562815.02	1390289.35
2+52.09	8" PLUG & BUTTRESS	562846.21	1390249.16



**8" WATER MAIN: PRAMILA PLACE**

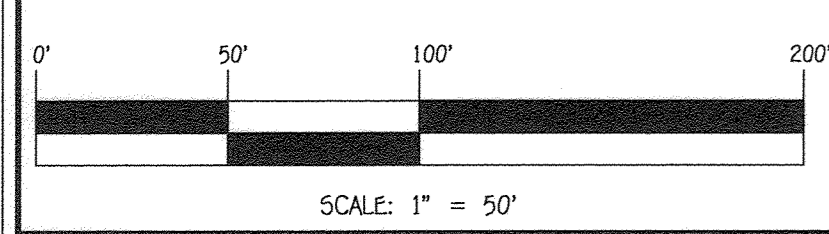
W.M. STA.	APPURTENANCE	NORTHING	EASTING
8" WATER MAIN: PRAMILA PLACE			
0+00.00	8" X 8" TEE	562656.22	1309884.02
0+03.00	8" VALVE	562658.73	1309882.38
0+06.00	3" DEFLECTION COUPLING	562661.25	1309880.75
0+98.50	8" PLUG & BUTTRESS	562738.65	1309830.08



**8" WATER MAIN: BHARAT WAY**

W.M. STA.	APPURTENANCE	NORTHING	EASTING
8" WATER MAIN: BHARAT WAY			
0+00.00	8" X 8" TEE	562634.58	1390387.49
0+84.00	8" PLUG & BUTTRESS	562564.42	1390433.58

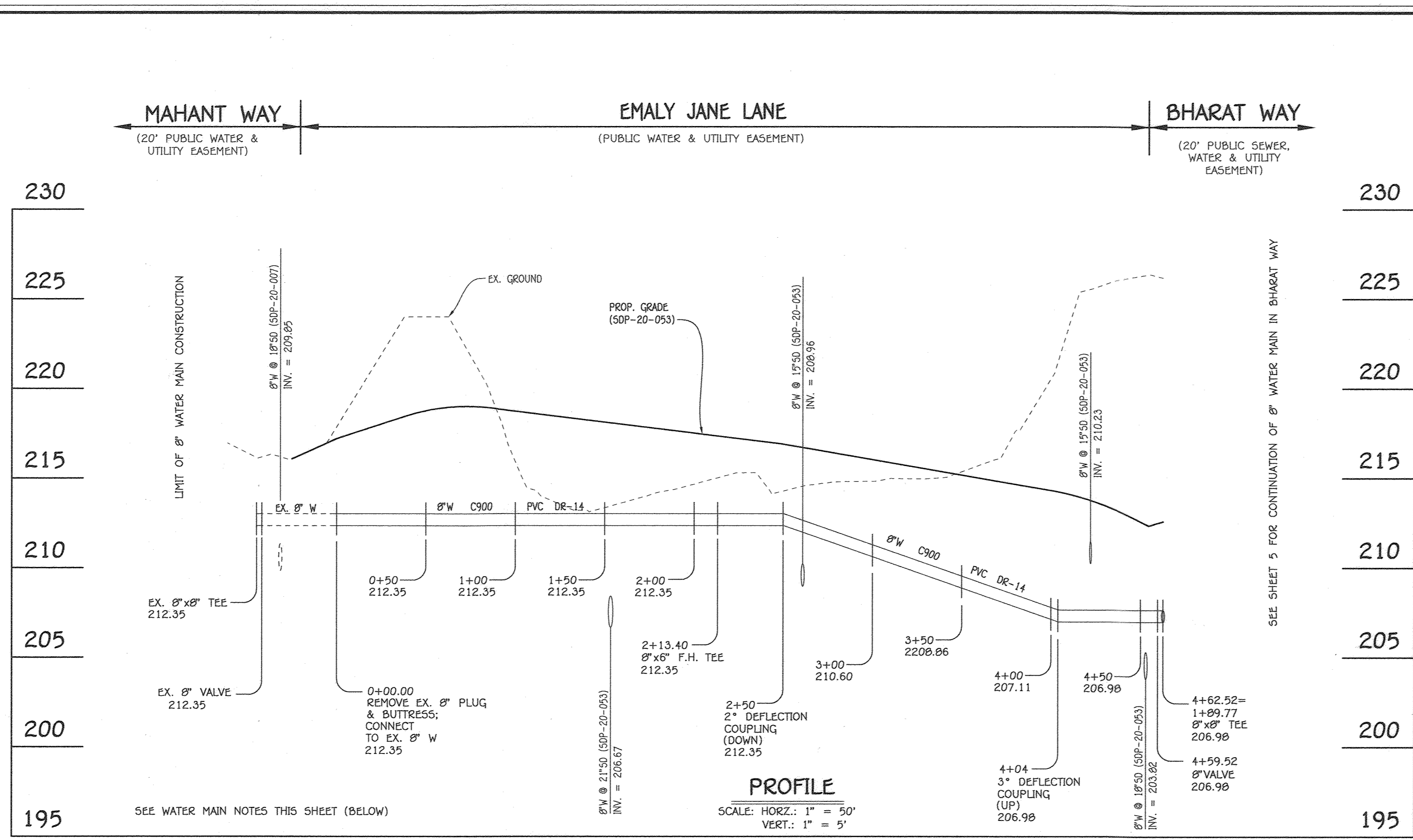
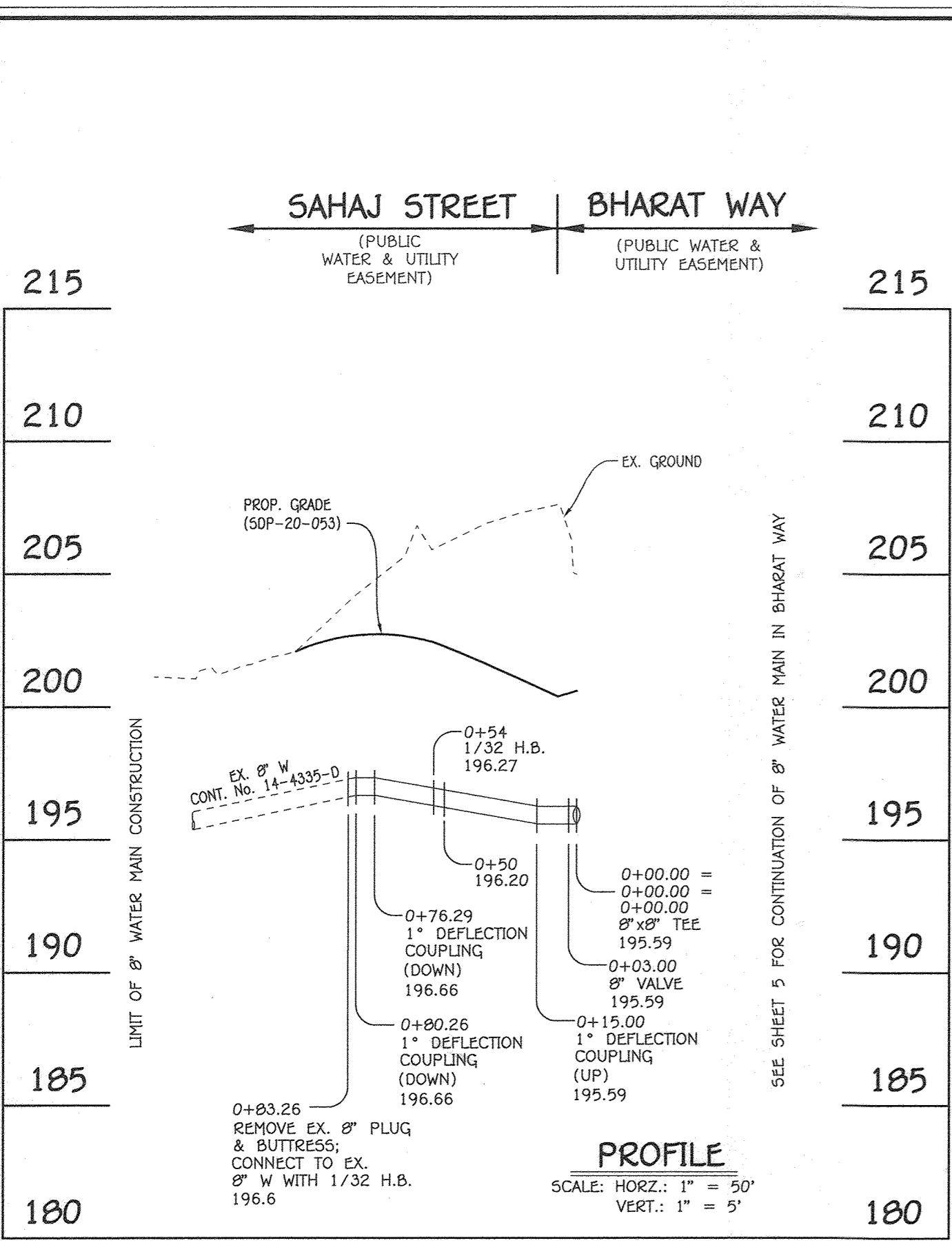
- WATER MAIN NOTES:**
- ALL WATER MAINS SHALL BE AWWA C900 PVC PIPE, DR-14.
  - ALL PIPE BEDDING, TRACER WIRE, LOCATING TAPE AND OTHER APPURTENANCES SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV - WATER AND SEWER STANDARDS FOR AWWA C900 PVC WATER PIPE INSTALLATION.
  - DEFLECTION COUPLINGS SHALL BE CERTAIN-TEED PVC HIGH DEFLECTION COUPLINGS.
  - ALL WATER HOUSE CONNECTIONS AND TAPS SHALL BE PERFORMED USING A SADDLE.



<p>DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND</p> <p><i>[Signature]</i> CHIEF, BUREAU OF UTILITIES</p>	<p>DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND</p> <p><i>[Signature]</i> CHIEF, DEVELOPMENT ENGINEERING DIVISION</p>	<p>I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 12043 EXPIRATION DATE 6/7/16/22.</p> <p><b>FISHER, COLLINS &amp; CARTER, INC.</b> CIVIL ENGINEERING CONSULTANTS &amp; LAND SURVEYORS CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE ELICOTT CITY, MARYLAND 21042 (410) 461-2895</p>	<p>DESIGNED BY: J.C.L.</p> <p>DRAWN BY: J.C.L.</p> <p>CHECKED BY: P.W.K.</p> <p>DATE: MARCH, 2021</p>	<p>WATER MAIN EXTENSIONS PROFILES, CHARTS &amp; NOTES</p> <p>600' SCALE MAP NO. 38 BLOCK NO. 2 &amp; 3 F.C.C. WORK ORDER NO. 18017</p> <p>FILE NAME: SEWER &amp; WATER MAIN CONTRACT PLANS</p>	<p>ELKRIDGE CROSSING II SECTIONS TWO &amp; THREE LOTS 41 THRU 75, 81 THRU 124 &amp; OPEN SPACE LOTS 125 THRU 127</p> <p>SEWER AND WATER MAIN EXTENSIONS CONTRACT NO. 14-5153-D FIRST ELECTION DISTRICT HOWARD COUNTY, MARYLAND</p>	<p>SCALE AS SHOWN</p> <p>SHEET 5 OF 7</p>
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CONTRACT NO. 14-5153-D  
ELKRIDGE CROSSING II  
SECTIONS TWO & THREE  
LOTS 41 THRU 75, 81 THRU 124  
& OPEN SPACE LOTS 125 THRU 127  
SEWER AND WATER MAIN EXTENSIONS  
HOWARD COUNTY, MARYLAND

I:\2018\18017\Engineering\Drawings\18017-3001\_Sewer & Water Contract\Phase 2 WS Cont. No. 24 - 01final 2021118017 Water and Sewer Contract plans.dwg, water profiles, 3/18/2021 2:36:36 PM, 1:1



WATER HOUSE CONNECTION A5-BUILT LOCATION TABLE			
LOT NUMBER	ADDRESS	LOCATION DIMENSION 1	LOCATION DIMENSION 2
41		SMH 795	22'
42		SMH 795	22'
43		SMH 795	45'
44		SMH 796	45'
45		SMH 795	75'
46		SMH 795	57'
47		SMH 795	57'
48		SMH 795	26'
49		SMH 795	26'
50		SMH 795	22'
51		SMH 795	22'
52		SMH 795	47'
53		SMH 795	47'
54		SMH 795	79'
55		SMH 795	79'
56		SMH 795	107'
57		SMH 795	107'
58		FH EMALY JANE 2+13	74'
59		FH EMALY JANE 2+13	74'
60		FH EMALY JANE 2+13	54'
61		FH EMALY JANE 2+13	54'
62		FH EMALY JANE 2+13	50'
63		FH EMALY JANE 2+13	50'
64		FH EMALY JANE 2+13	65'
65		FH EMALY JANE 2+13	65'
66		FH EMALY JANE 2+13	90'
67		1-3	47'
68		1-3	44'
69		1-3	44'
70		1-3	55'
71		1-3	55'
72		1-3	76'
73		1-3	76'
74		1-3	104'
75		1-3	104'
81		1-7	76'
82		1-7	76'
83		1-7	102'
84		1-7	102'
85		1-7	132'
86		1-7	132'
87		1-7	164'
88		1-7	164'
89		1-7	173'
90		1-7	143'
91		1-7	143'
92		1-7	111'
93		1-7	111'
94		1-7	79'
95		1-7	79'
96		1-7	48'
97		1-7	48'
98		1-7	24'
99		EX.SMH 3	93'
100		EX.SMH 3	93'
101		EX.SMH 3	64'
102		EX.SMH 3	64'
103		EX.SMH 3	38'
104		EX.SMH 3	38'
105		SMH 700	34'
106		SMH 700	34'
107		SMH 700	25'
108		SMH 700	25'
109		FH BHARAT WAY 2+15	55'
110		FH BHARAT WAY 2+15	55'
111		FH BHARAT WAY 2+15	45'
112		FH BHARAT WAY 2+15	45'
113		FH BHARAT WAY 2+15	54'
114		FH BHARAT WAY 2+15	54'
115		FH BHARAT WAY 2+15	77'
116		FH BHARAT WAY 2+15	77'
117		FH BHARAT WAY 0+28	81'
118		FH BHARAT WAY 0+28	81'
119		FH BHARAT WAY 0+28	56'
120		FH BHARAT WAY 0+28	56'
121		FH BHARAT WAY 0+28	40'
122		FH BHARAT WAY 0+28	40'
123		FH BHARAT WAY 0+28	47'
124		FH BHARAT WAY 0+28	47'

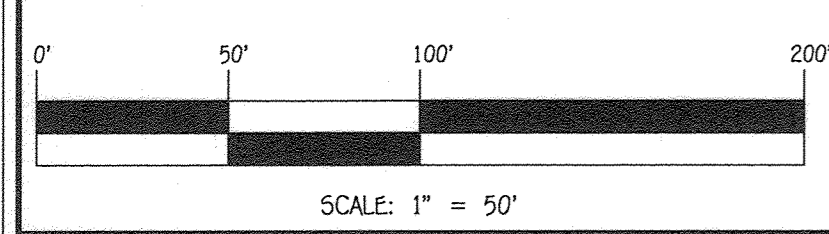
8" WATER MAIN: SAHAJ STREET

8" WATER MAIN: EMALY JANE LANE

WATER MAIN TABULATION CHART			
W.M. STA.	APPURTENANCE	NORTHING	EASTING
8" WATER MAIN: SAHAJ STREET			
0+00.00	8" X 8" TEE	562634.50	1390387.49
0+03.00	8" VALVE	562632.99	1390385.12
0+15.00	1" DEFLECTION COUPLING	562626.49	1390375.05
0+54.00	1/32" H.B.	562605.19	1390342.40
0+76.29	1" DEFLECTION COUPLING	562599.53	1390326.19
0+80.26	1" DEFLECTION COUPLING	562596.68	1390323.34
0+83.26	1/32" H.B.	562584.74	1390321.27

WATER MAIN TABULATION CHART			
W.M. STA.	APPURTENANCE	NORTHING	EASTING
8" WATER MAIN: EMALY JANE LANE			
2+50.00	2" DEFLECTION COUPLING	562677.14	1390105.32
2+13.40	8" X 6" F.H. TEE	562657.01	1390075.25
4+04.00	2" DEFLECTION COUPLING	562761.45	1390234.69
4+59.52	8" VALVE	562791.85	1390281.16
4+62.52	8" X 8" TEE	562793.49	1390283.59

- WATER MAIN NOTES:**
- ALL WATER MAINS SHALL BE AWWA C900 PVC PIPE, DR-14.
  - ALL PIPE BEDDING, TRACER WIRE, LOCATING TAPE AND OTHER APPURTENANCES SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV - WATER AND SEWER STANDARDS FOR AWWA C900 PVC WATER PIPE INSTALLATION.
  - DEFLECTION COUPLINGS SHALL BE CERTAIN-TEED PVC HIGH DEFLECTION COUPLINGS.
  - ALL WATER HOUSE CONNECTIONS AND TAPS SHALL BE PERFORMED USING A SADDLE.



DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND CHIEF, BUREAU OF UTILITIES DATE: 3-25-21	DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE: 5-3-21
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I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 12043 EXPIRATION DATE IS 7/16/22.

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
 ELICOTT CITY, MARYLAND 21042  
 (410) 461-2995

DESIGNED BY: J.C.L.	CHECKED BY: P.W.K.	DATE: MARCH, 2021
DRAWN BY: J.C.L.	DATE: 7/19/22	REVISION:

WATER MAIN EXTENSIONS  
 PROFILES, CHARTS, TABLE & NOTES

600' SCALE MAP NO. 38 BLOCK NO. 2 & 3  
 F.C.C. WORK ORDER NO. 18017

FILE NAME: SEWER & WATER MAIN CONTRACT PLANS

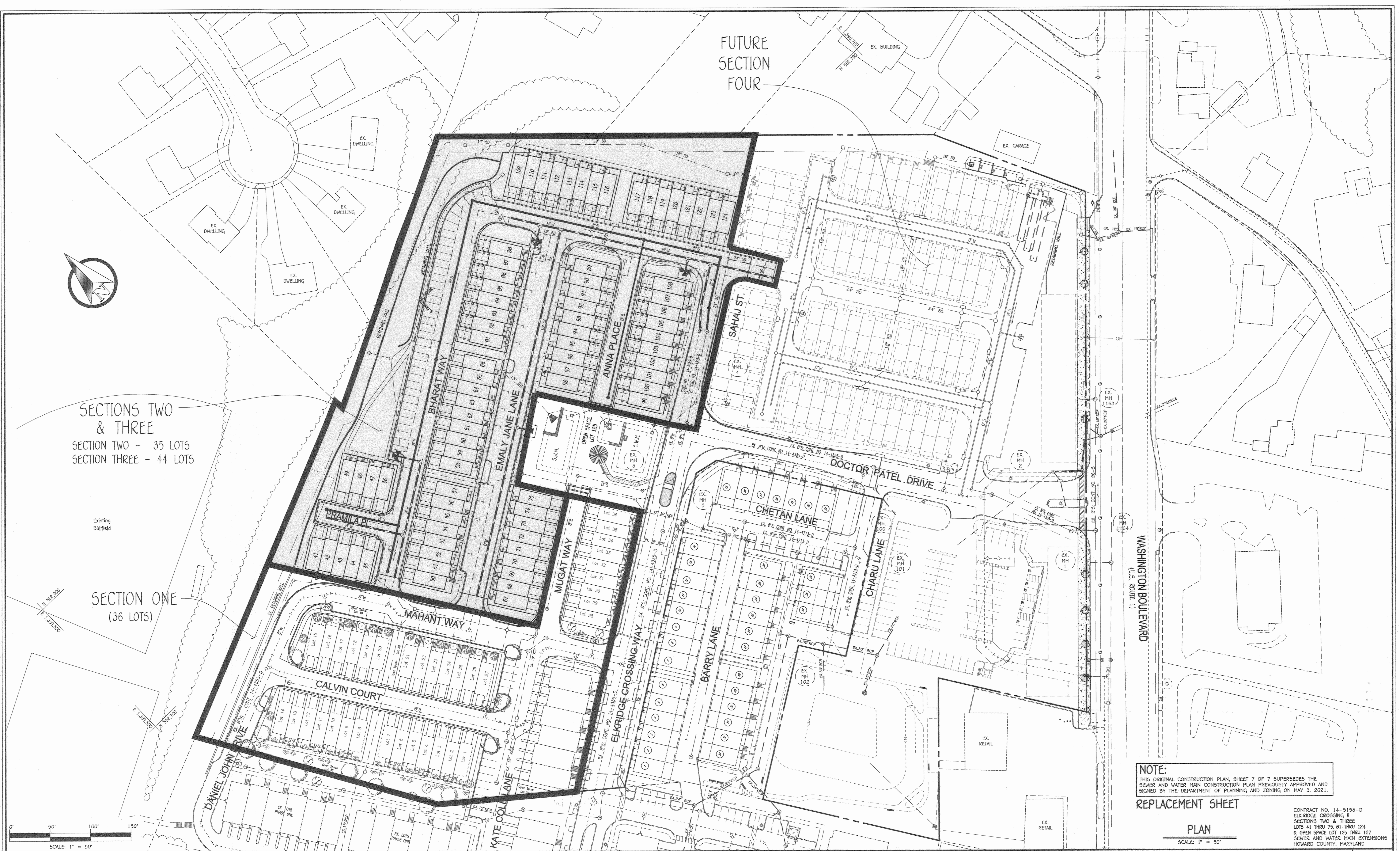
ELKRIDGE CROSSING II  
 SECTIONS TWO & THREE  
 LOTS 41 THRU 75, 81 THRU 124 & OPEN SPACE LOTS 125 THRU 127

SEWER AND WATER MAIN EXTENSIONS  
 CONTRACT NO. 14-5153-D  
 FIRST ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

SCALE AS SHOWN

SHEET 6 OF 7

I:\2018\18017\Engineering\Drawings\18017-3001 Sewer & Water Contract\Phase 2 WS Cont. No. 24 - 01.dwg 2021/03/21 10:07 AM



SECTIONS TWO & THREE  
 SECTION TWO - 35 LOTS  
 SECTION THREE - 44 LOTS

SECTION ONE  
 (36 LOTS)

FUTURE SECTION FOUR

**NOTE:**  
 THIS ORIGINAL CONSTRUCTION PLAN, SHEET 7 OF 7 SUPERSEDES THE SEWER AND WATER MAIN CONSTRUCTION PLAN PREVIOUSLY APPROVED AND SIGNED BY THE DEPARTMENT OF PLANNING AND ZONING ON MAY 3, 2021.

**REPLACEMENT SHEET**

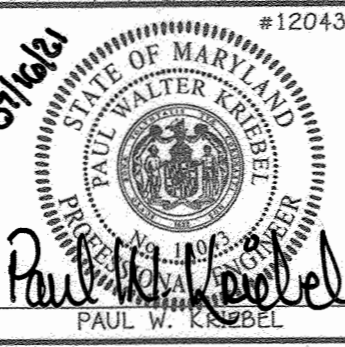
**PLAN**  
 SCALE: 1" = 50'

CONTRACT NO. 14-5153-D  
 ELKRIDGE CROSSING II  
 SECTIONS TWO & THREE  
 LOTS 41 THRU 75, 81 THRU 124  
 & OPEN SPACE LOT 125 THRU 127  
 SEWER AND WATER MAIN EXTENSIONS  
 HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND  
 [Signature]  
 CHIEF, BUREAU OF UTILITIES  
 DATE: 7/23/2021

DEPARTMENT OF PLANNING AND ZONING  
 HOWARD COUNTY, MARYLAND  
 [Signature]  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION  
 DATE: 8/1/21

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO. 12043 EXPIRATION DATE IS 7/16/22.  
**FISHER, COLLINS & CARTER, INC.**  
 CIVIL, ENGINEERING, CONSULTANTS & LAND SURVEYORS  
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
 ELKLOTT CITY, MARYLAND 21042  
 (410) 461-2295



DESIGNED BY: J.C.L.  
 DRAWN BY: J.C.L.  
 CHECKED BY: P.W.K.  
 DATE: JULY, 2021  
 FCC REVISE LOT LAYOUT, ADD ANNA PLACE, DECKS & DECK DETAIL 7/16/21  
 BY NO. REVISION DATE

**SEWER & WATER MAIN EXTENSIONS PROJECT OVERVIEW**  
 600' SCALE MAP NO. 38 BLOCK NO. 2 & 3  
 F.C.C. WORK ORDER NO. 18017  
 FILE NAME: SEWER & WATER MAIN CONTRACT PLANS

**ELKRIDGE CROSSING II**  
 SECTIONS TWO & THREE  
 LOTS 41 THRU 75, 81 THRU 124 & OPEN SPACE LOT 125 THRU 127  
 SEWER AND WATER MAIN EXTENSIONS  
 CONTRACT NO. 14-5153-D  
 FIRST ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

SCALE AS SHOWN  
 SHEET 7 OF 7

P:\2018\18017\Engineering\Drawings\18017-3001\_Sewer & Water Contracts\Phase 2\_WS\_Contr. No. 24 - D\Final 2021\Utility Units 2021 with Anna Place\18017 Water and Sewer Contract plans sheet 7.dwg, Plan Sheet 7, 7/16/2021 10:55:58 AM, 1:1