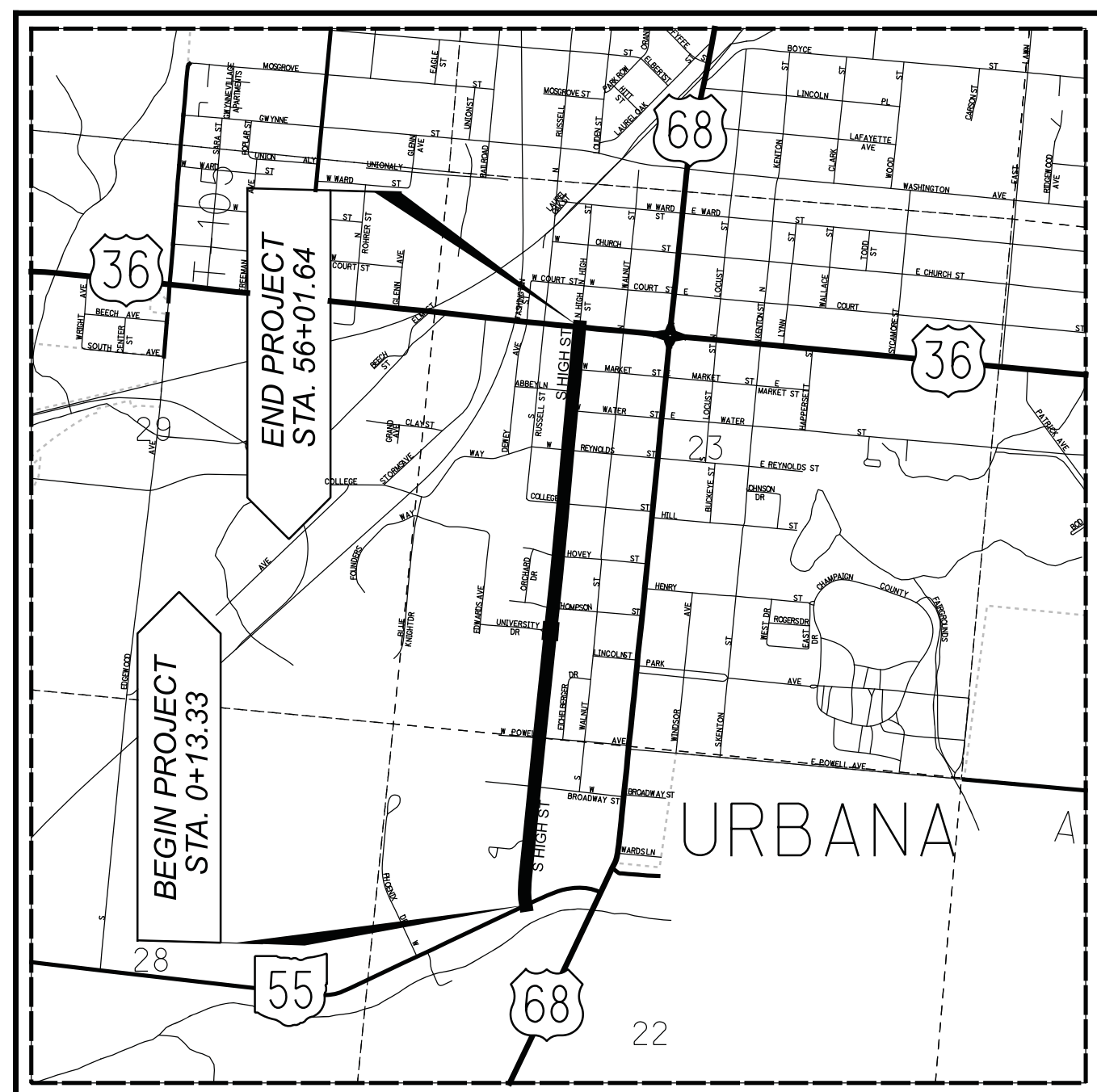


# STATE OF OHIO DEPARTMENT OF TRANSPORTATION

## CHP-S. HIGH STREET-0.00

CITY OF URBANA  
CHAMPAIGN COUNTY



**LOCATION MAP**

LATITUDE: 40°06'03" N LONGITUDE: 83°45'23" W



PORTION TO BE IMPROVED	=====
INTERSTATE HIGHWAY	=====
FEDERAL ROUTES	=====
STATE ROUTES	=====
COUNTY & TOWNSHIP ROADS	=====
OTHER ROADS	-----

**DESIGN DESIGNATION**

CURRENT ADT (2018)	2188
DESIGN YEAR ADT (2042)	2458
DESIGN HOURLY VOLUME (20 )	N/A
DIRECTIONAL DISTRIBUTION	N/A
TRUCKS (24 HOUR B&C)	N/A
DESIGN SPEED	25 MPH
LEGAL SPEED	25 MPH

**DESIGN FUNCTIONAL CLASSIFICATION:**

URBAN MINOR COLLECTOR  
NHS PROJECT ----- NO

**DESIGN EXCEPTIONS ADA DESIGN WAIVERS**

NONE NONE

**UNDERGROUND UTILITIES**

Contact Two Working Days  
Before You Dig

**OHIO811.org**  
Before You Dig

**OHIO811. 8-1-1. or 1-800-362-2764**  
(Non members must be called directly)

**PLAN PREPARED BY:**

DESIGN AGENCY

LJB Inc. • 2500 Newmark Drive  
Miamisburg, OH 45342  
(937) 259-5000 tel • (937) 259-5100 fax • LJBinc.com

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**ENGINEER'S SEAL**

ROADWAY  
SHEETS 1-127 & 150-177

Digitally signed by Matthew A. Gardner  
DN: cn=Matthew A. Gardner, o=LJB Inc., ou=Engineering, email=matg@ljbinc.com, c=US  
Date: 2023.03.31 15:04:59-0400'

Matt Gardner

**ENGINEER'S SEAL**

WATER & SANITARY  
SHEETS 128-149

Digitally signed by Brant Gressel  
DN: cn=Brant Gressel, o=LJB Inc., ou=Engineering, email=brantg@ljbinc.com, c=US  
Date: 2023.03.31 15:16:49-0400'

Brant Gressel

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ODOT STANDARD CONSTRUCTION DRAWINGS				CITY OF URBANA SCD'S				SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS		
BP-2.1	1/21/22	MT-97.10	4/19/19	TC-83.10	1/17/20	1167.05	04/10/19	1167.52	01/13/06	800-2023	
BP-2.2	1/15/21	MT-99.20	4/19/19			1167.06	08/05/21	1167.53	04/10/19	SEE PROPOSAL	
BP-3.1	1/21/22	MT-101.60	1/17/20			1167.07	08/05/21	1167.54	10/03/22	832	7/15/22
BP-7.1	1/20/23	MT-101.90	7/17/20			1167.08	08/05/21	1167.55	05/17/22	878	1/21/22
		MT-105.10	1/17/20			1167.09	04/10/19	1167.56	09/25/18	895	4/18/14
CB-6	1/21/22	MT-110.10	7/19/13			1167.10	08/05/21	1167.57	07/02/09	1015	1/21/22
						1167.13	04/10/19	1167.81	04/10/19		
DM-1.1	7/17/20	TC-41.20	10/18/13			1167.31	04/10/19	1167.84	08/05/21		
DM-1.2	7/16/21	TC-41.30	10/18/13			1167.32	01/13/06	1167.85	10/03/22		
DM-3.1	1/18/13	TC-41.40	10/18/13			1167.35	01/13/06	1167.86	12/20/12		
		TC-42.20	10/18/13			1167.36	08/05/21	1167.87	04/10/19		
RM-1.1	1/20/23	TC-52.10	10/18/13			1167.38	04/10/19	1167.88	12/20/12		
		TC-52.20	1/15/21			1167.39	04/10/19	1167.89	07/02/09		
HL-30.11	1/15/21	TC-71.10	7/15/22			1167.43	01/13/06	1167.91	12/20/12		
		TC-74.10	1/20/23			1167.44	01/13/06	1167.92	12/20/12		
MT-95.31	7/19/19	TC-82.10	7/19/19			1167.51	05/17/22	1167.93	01/13/06		

**FEDERAL PROJECT NUMBER**

E200615

**RAILROAD INVOLVEMENT**

NONE

**PROJECT DESCRIPTION**

5600' OF RECONSTRUCTION OF SOUTH HIGH STREET FROM SOUTH END AT SR 55 (LEWIS B. MOORE DRIVE) TO NORTH END AT US 36/SR 29 (MIAMI STREET). PROJECT INCLUDES CURB AND GUTTER, SIDEWALKS STORM SEWER SYSTEM, CROSS-SECTION OF WATER LINE REPLACEMENT, AND CROSS-SECTION OF SANITARY SEWER REPLACEMENT.

**EARTH DISTURBED AREAS**

PROJECT EARTH DISTURBED AREA: 9.16 ACRES  
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.25 ACRES  
NOTICE OF INTENT EARTH DISTURBED AREA: 9.41 ACRES

**2023 SPECIFICATIONS**

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS AND CHANGES LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE A BLOCK BY BLOCK CLOSURE OF SOUTH HIGH STREET WITH DETOURS INDICATED, VIA NOTES, ON SHEET 8.

Digitally signed by Tyler Bumbalough  
DN: cn=Tyler Bumbalough, o=City of Urbana, ou=Engineering, email=tyler.bumbalough@ci.urban.a.oh.us, c=US  
Date: 2023.04.03 09:57:52 -0400'

APPROVED \_\_\_\_\_  
DATE \_\_\_\_\_ CITY OF URBANA, CITY ENGINEER

TITLE SHEET

DESIGN AGENCY	
DESIGNER	NRP
REVIEWER	MAG 02/27/23
PROJECT ID	112019
SHEET	TOTAL
1	222

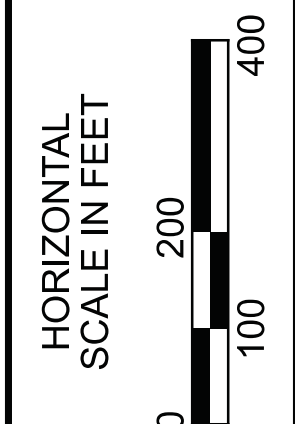
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C:\City of Urbana\0118055A.00 - South High Street\112019\400-Engineering\Roadway\Sheets\112019\_GT001.dgn

MR 152  
 CURVE NO. 1  
 CURVE DATA  
 P.I. = Sta. 1+63.79  
 $\Delta = 13^{\circ}24'09''$  RT  
 $D_c = 28^{\circ}38'52''$   
 $R = 200.00'$   
 $T = 23.5'$   
 $L = 46.78'$   
 $E = 1.38'$

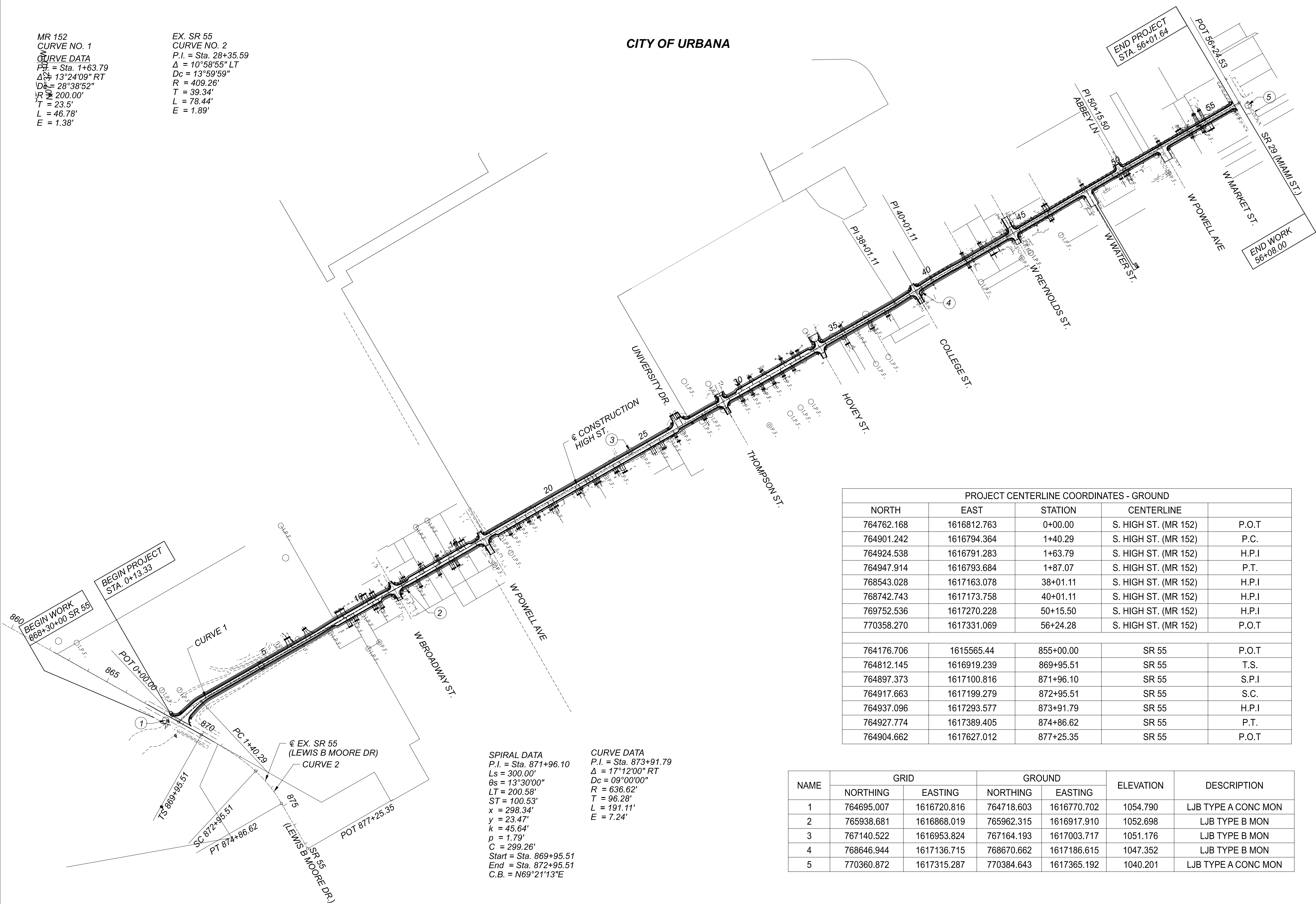
EX. SR 55  
 CURVE NO. 2  
 P.I. = Sta. 28+35.59  
 $\Delta = 10^{\circ}58'55''$  LT  
 $D_c = 13^{\circ}59'59''$   
 $R = 409.26'$   
 $T = 39.34'$   
 $L = 78.44'$   
 $E = 1.89'$

CITY OF URBANA



CHP-S. HIGH STREET

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PROJECT CENTERLINE COORDINATES - GROUND				
NORTH	EAST	STATION	CENTERLINE	
764762.168	1616812.763	0+00.00	S. HIGH ST. (MR 152)	P.O.T
764901.242	1616794.364	1+40.29	S. HIGH ST. (MR 152)	P.C.
764924.538	1616791.283	1+63.79	S. HIGH ST. (MR 152)	H.P.I
764947.914	1616793.684	1+87.07	S. HIGH ST. (MR 152)	P.T.
768543.028	1617163.078	38+01.11	S. HIGH ST. (MR 152)	H.P.I
768742.743	1617173.758	40+01.11	S. HIGH ST. (MR 152)	H.P.I
769752.536	1617270.228	50+15.50	S. HIGH ST. (MR 152)	H.P.I
770358.270	1617331.069	56+24.28	S. HIGH ST. (MR 152)	P.O.T
764176.706	1615565.44	855+00.00	SR 55	P.O.T
764812.145	1616919.239	869+95.51	SR 55	T.S.
764897.373	1617100.816	871+96.10	SR 55	S.P.I
764917.663	1617199.279	872+95.51	SR 55	S.C.
764937.096	1617293.577	873+91.79	SR 55	H.P.I
764927.774	1617389.405	874+86.62	SR 55	P.T.
764904.662	1617627.012	877+25.35	SR 55	P.O.T

SPIRAL DATA  
 P.I. = Sta. 871+96.10  
 $L_s = 300.00'$   
 $\theta_s = 13^{\circ}30'00''$   
 $LT = 200.58'$   
 $ST = 100.53'$   
 $x = 298.34'$   
 $y = 23.47'$   
 $k = 45.64'$   
 $p = 1.79'$   
 $C = 299.26'$   
 Start = Sta. 869+95.51  
 End = Sta. 872+95.51  
 C.B. =  $N69^{\circ}21'13''E$

CURVE DATA  
 P.I. = Sta. 873+91.79  
 $\Delta = 17^{\circ}12'00''$  RT  
 $D_c = 09^{\circ}00'00''$   
 $R = 636.62'$   
 $T = 96.28'$   
 $L = 191.11'$   
 $E = 7.24'$

NAME	GRID		GROUND		ELEVATION	DESCRIPTION
	NORTHING	EASTING	NORTHING	EASTING		
1	764695.007	1616720.816	764718.603	1616770.702	1054.790	LJB TYPE A CONC MON
2	765938.681	1616868.019	765962.315	1616917.910	1052.698	LJB TYPE B MON
3	767140.522	1616953.824	767164.193	1617003.717	1051.176	LJB TYPE B MON
4	768646.944	1617136.715	768670.662	1617186.615	1047.352	LJB TYPE B MON
5	770360.872	1617315.287	770384.643	1617365.192	1040.201	LJB TYPE A CONC MON

SCHEMATIC PLAN

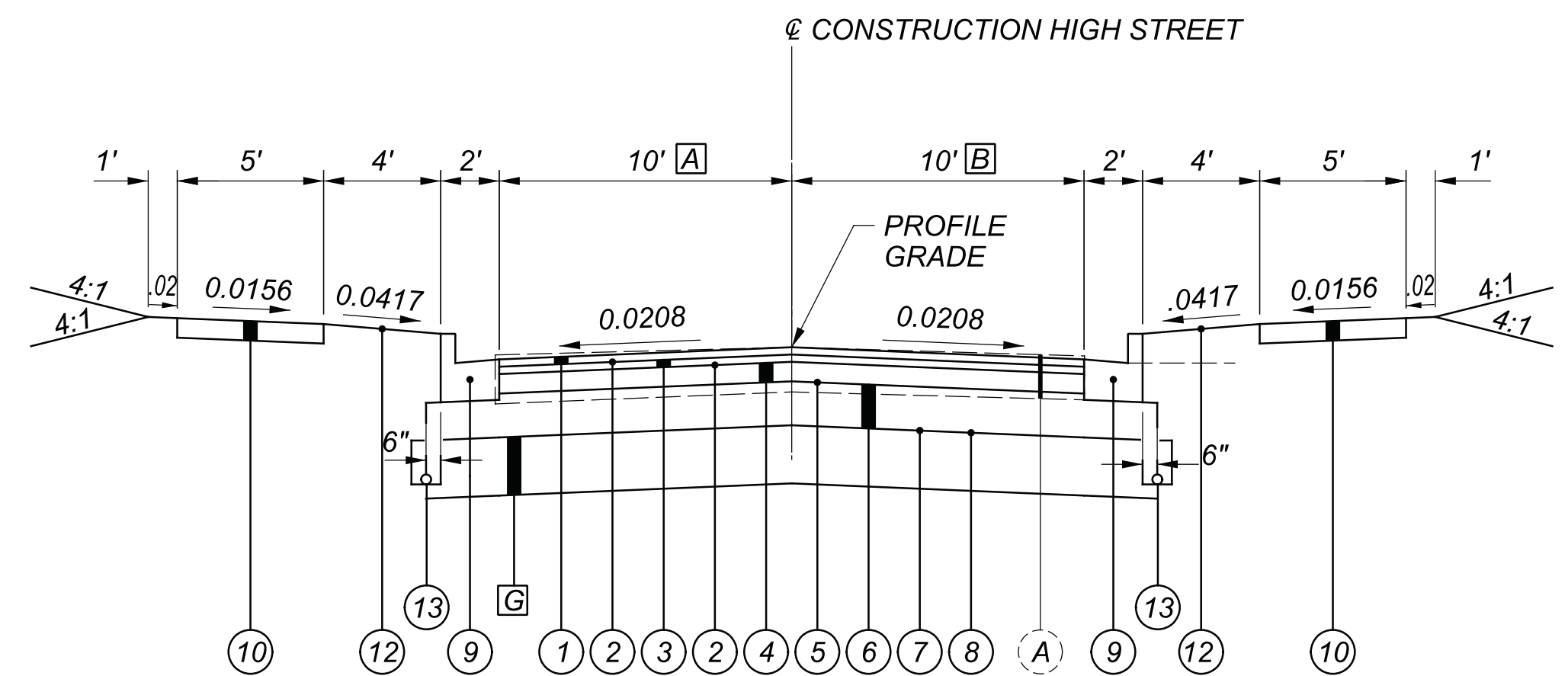
DESIGN AGENCY



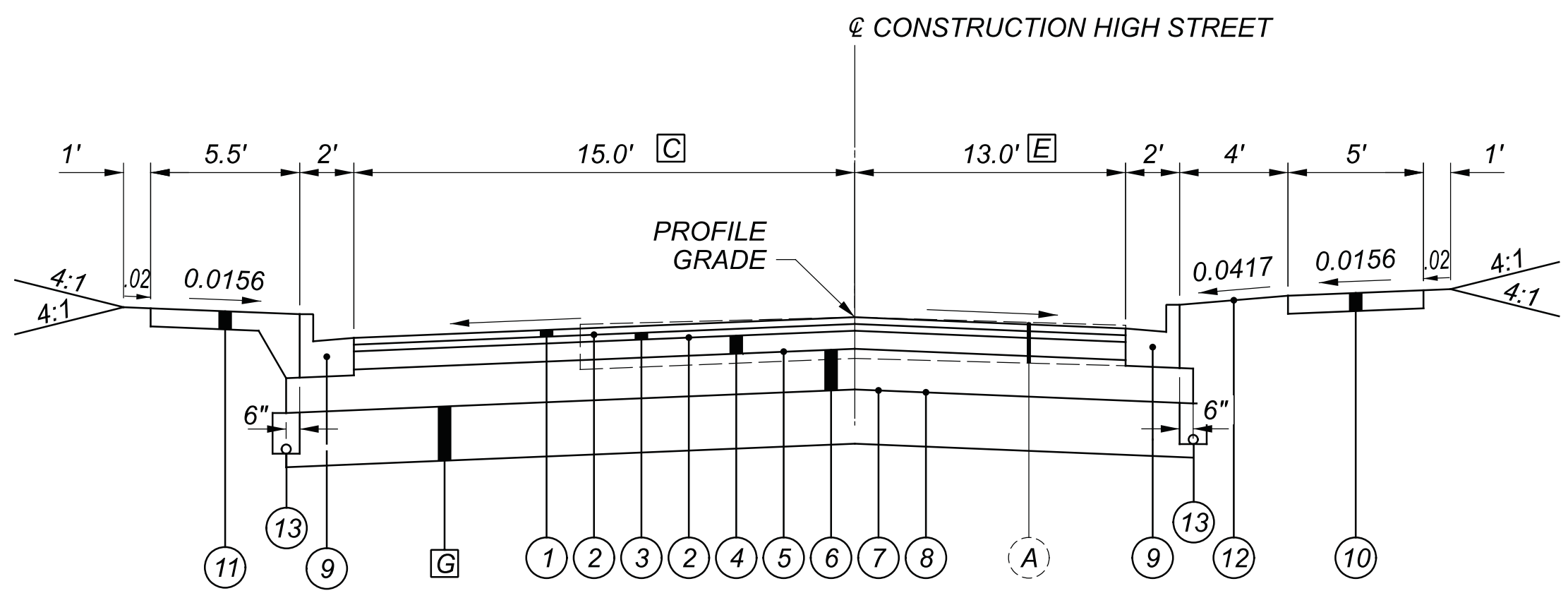
DESIGNER  
 NRP  
 REVIEWER  
 MAG 02/27/23  
 PROJECT ID  
 112019  
 SHEET TOTAL  
 2 | 222

# LEGEND

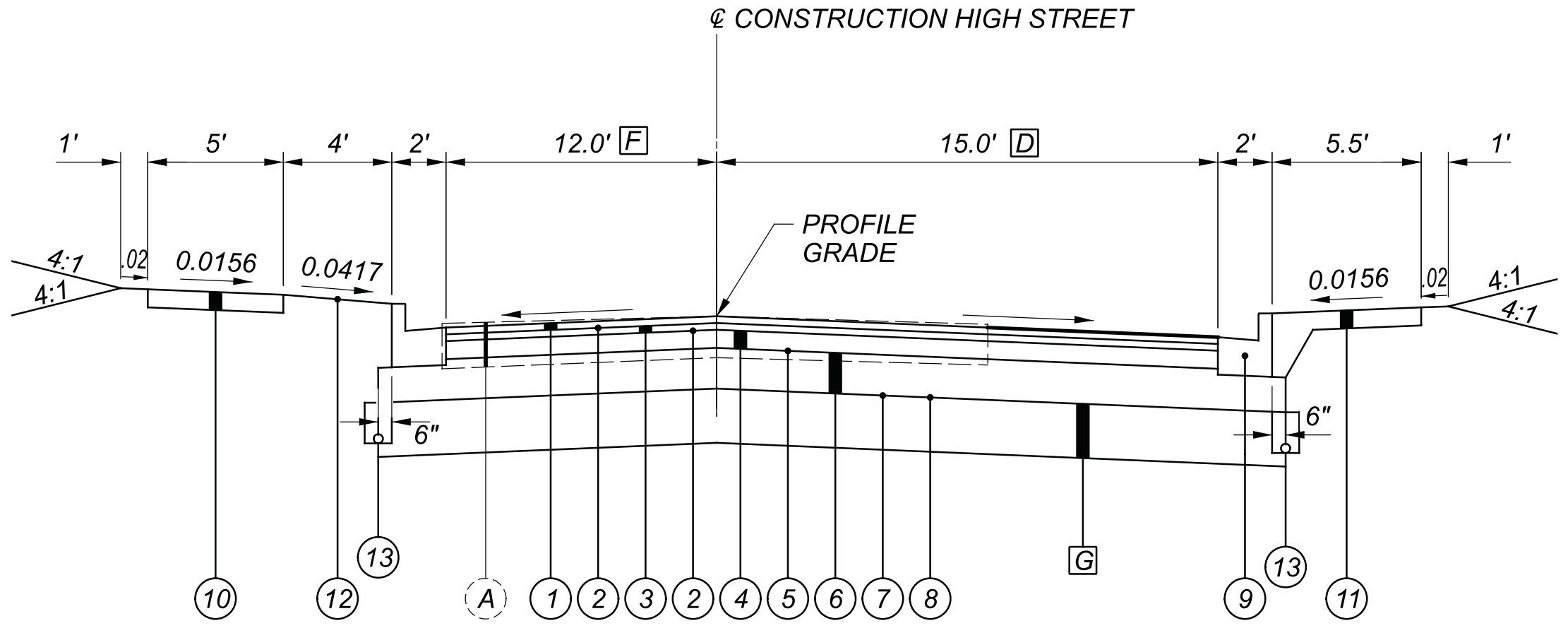
- |  |   |  |
|--|---|--|
| ① ITEM 441 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22      | ⑨ ITEM 609 - CURB, MISC: TYPE 2 CURB AND GUTTER (CITY OF URBANA)              | ⑰ ITEM 204 - EXCAVATION OF SUBGRADE (15")                |
| ② ITEM 407 - TACK COAT (APPLIED AT 0.08 GAL/SY)                                  | ⑩ ITEM 608 - 4" CONCRETE WALK   | ⑱ ITEM 203 - GRANULAR MATERIAL, TYPE C (12")             |
| ③ ITEM 441 - 1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), PG64-22 | ⑪ ITEM 608 - 4" CONCRETE WALK, AS PER PLAN                                    | ⑲ ITEM 204 - GEOTEXTILE FABRIC                           |
| ④ ITEM 301 - 4" ASPHALT CONCRETE BASE  | ⑫ ITEM 659 - SEEDING AND MULCHING   | Ⓐ EXISTING PAVEMENT (4 3/4" MIN. 9" MAX)                 |
| ⑤ ITEM 408 - PRIME COAT (APPLIED AT 0.40 GAL/SY)                                 | ⑬ ITEM 605 - 6" BASE PIPE UNDERDRAIN (MAX DEPTH = 18")                        | Ⓐ VARIES 20.0' TO 10.0'<br>STA. 0+36.31 TO STA. 1+87.07  |
| ⑥ ITEM 304 - 9" AGGREGATE BASE (APPLY IN TWO EQUAL COURSES)                      | ⑭ ITEM 609 - CURB, TYPE 7   | VARIES 10.0' TO 13.4'<br>STA. 7+51.11 TO STA. 8+40.73    |
| ⑦ ITEM 204 - SUBGRADE COMPACTION   | ⑮ ITEM 452 - 8" NON-REINFORCED CONCRETE PAVEMENT CLASS QC 1P WITH QC/QA       | VARIES 13.5' TO 11.3'<br>STA. 10+93.93 TO 11+39.41       |
| ⑧ ITEM 204 - PROOF ROLLING   | ⑯ ITEM 609 - CURB, MISC: TYPE 2 CURB AND GUTTER, AS PER PLAN (CITY OF URBANA) | VARIES 8.6' TO 6.6'<br>STA. 11+92.84 TO STA. 12+33.59    |
|  |   | VARIES 7.1' TO 8.3'<br>STA. 15+73.69 TO STA. 16+05.27    |
|  |   | VARIES 10.2' TO 11.5'<br>STA. 16+53.18 TO 16+87.72       |
|  |   | 12.0'<br>STA. 27+22.17 TO STA. 28+26.11                  |
|  |   | VARIES 12.0' TO 10.5'<br>STA. 28+26.11 TO STA. 28+67.88  |
|  |   | VARIES 8.6' TO 7.1'<br>STA. 29+20.02 TO S STA. 29+63.45  |
|  |   | VARIES 7.3' TO 7.8'<br>STA. 33+61.52 TO STA. 33+76.51    |
|  |   | VARIES 9.3' TO 10.0'<br>STA. 34+28.66 TO STA. 34+50.00   |
|  |   | VARIES 10.0' TO 8.0'<br>STA. 41+00.00 TO STA. 41+50.00   |
|  |   | 8.0'<br>STA. 41+50.00 TO STA. 44+50.00                   |
|  |   | Ⓑ VARIES 13.9' TO 10.0'<br>STA. 0+63.58 TO STA. 1+07.31  |
|  |   | VARIES 10.0' TO 6.6'<br>STA. 7+51.11 TO STA. 8+40.73     |
|  |   | VARIES 6.6' TO 8.3'<br>STA. 10+95.65 TO STA. 11+29.11    |
|  |   | VARIES 11.8' TO 13.5'<br>STA. 12+00.87 TO STA. 12+35.81  |
|  |   | VARIES 12.9' TO 12.0'<br>STA. 15+73.69 TO STA. 15+95.72  |
|  |   | VARIES 9.3' TO 8.5'<br>STA. 16+67.75 TO STA. 16+87.72    |
|  |   | 8.0'<br>STA. 26+60.57 TO STA. 28+26.11                   |
|  |   | VARIES 8.0' TO 9.3'<br>STA. 28+26.11 TO STA. 28+63.35    |
|  |   | VARIES 11.6' TO 12.9'<br>STA. 29+26.83 TO STA. 29+63.45  |
|  |   | VARIES 12.7' TO 12.4'<br>STA. 33+61.52 TO STA. 33+70.99  |
|  |   | VARIES 10.6' TO 10.0'<br>STA. 34+31.73 TO STA. 34+50.00  |
|  |   | VARIES 10.0' TO 11.6'<br>STA. 41+00.00 TO STA. 41+39.92  |
|  |   | Ⓒ VARIES 6.6' TO 15.0'<br>STA. 12+33.59 TO STA. 12+46.38 |
|  |   | VARIES 15.0' TO 7.1'<br>STA. 15+61.14 TO 15+73.69        |
|  |   | VARIES 7.1' TO 15.5'<br>STA. 29+63.45 TO 29+76.19        |
|  |   | 15.5'<br>STA. 29+76.19 TO STA. 33+49.04                  |
|  |   | VARIES 15.5' TO 7.3'<br>STA. 33+49.04 TO 33+61.52        |
|  |   | 16.5'<br>STA. 17+00.04 TO STA. 26+47.93                  |
|  |   | VARIES 13.4' TO 13.5'<br>STA. 12+33.59 TO STA. 12+35.81  |
|  |   | 13.5'<br>STA. 12+35.81 TO STA. 15+57.40                  |
|  |   | VARIES 13.5' TO 12.9'<br>STA. 15+57.40 TO STA. 15+73.69  |
|  |   | VARIES 12.9' TO 13.0'<br>STA. 29+63.45 TO STA. 29+65.98  |
|  |   | Ⓓ VARIES 6.6' TO 15.0'<br>STA. 8+40.73 TO STA. 8+53.48   |
|  |   | VARIES 15.0' TO 6.6'<br>STA. 10+83.03 TO STA. 10+95.65   |
|  |   | VARIES 6.6' TO 15.0'<br>STA. 8+40.52 TO STA. 8+53.48     |
|  |   | VARIES 15.0' TO 6.6'<br>STA. 10+82.87 TO 10+95.65        |
|  |   | VARIES 15.0' TO 6.6'<br>STA. 10+82.87 TO 10+95.65        |
|  |   | VARIES 16.5' TO 8.0'<br>STA. 26+47.93 TO 26+60.57        |
|  |   | Ⓔ VARIES 13.4' TO 13.5'<br>STA. 8+40.73 TO STA. 8+42.91  |
|  |   | 13.5'<br>STA. 8+42.91 TO STA. 10+93.93                   |
|  |   | VARIES 11.5' TO 12.0'<br>STA. 16+87.72 TO STA. 17+01.11  |



**SOUTH HIGH STREET CURB AND GUTTER SECTION**  
 STA. 0+00.00 TO STA. 8+40.73  
 STA. 10+95.65 TO STA. 12+33.59  
 STA. 15+73.69 TO STA. 16+87.72  
 STA. 26+60.57 TO STA. 29+63.45  
 STA. 33+61.52 TO STA. 44+50.00 LT  
 STA. 33+61.52 TO STA. 41+39.92 RT



**SOUTH HIGH STREET WEST PARKING SECTION**  
 STA. 12+33.59 TO STA. 15+73.69  
 STA. 29+63.45 TO STA. 33+61.52



**SOUTH HIGH STREET EAST PARKING SECTION**  
 STA. 8+40.73 TO STA. 10+95.65  
 STA. 16+87.72 TO STA. 26+60.57

- |  |  |
|--|--|
| Ⓒ STA. 10+35.00 TO STA. 18+61.00<br>STA. 30+50.00 TO STA. 42+04.00 | ⑰ ITEM 204 - EXCAVATION OF SUBGRADE (12")    |
|  | ⑱ ITEM 203 - GRANULAR MATERIAL, TYPE C (12") |
|  | ⑲ ITEM 204 - GEOTEXTILE FABRIC               |

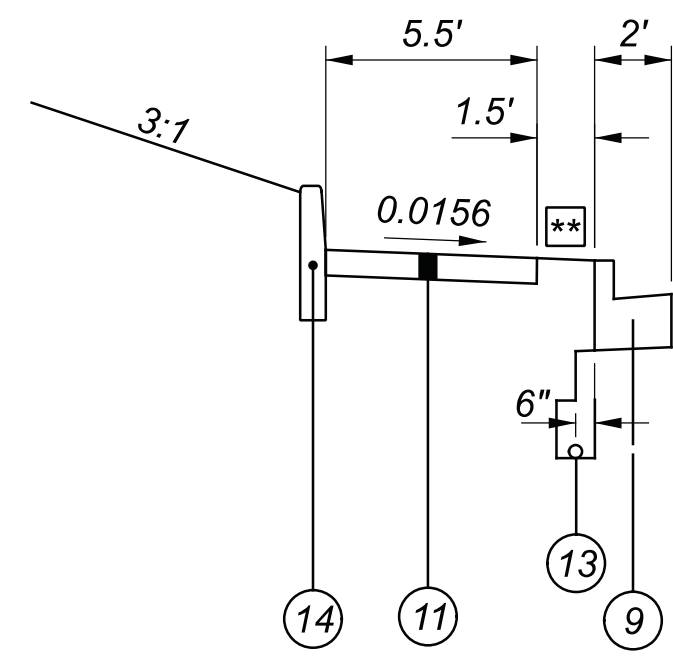
TYPICAL SECTIONS

CTY-RTE-SECTION

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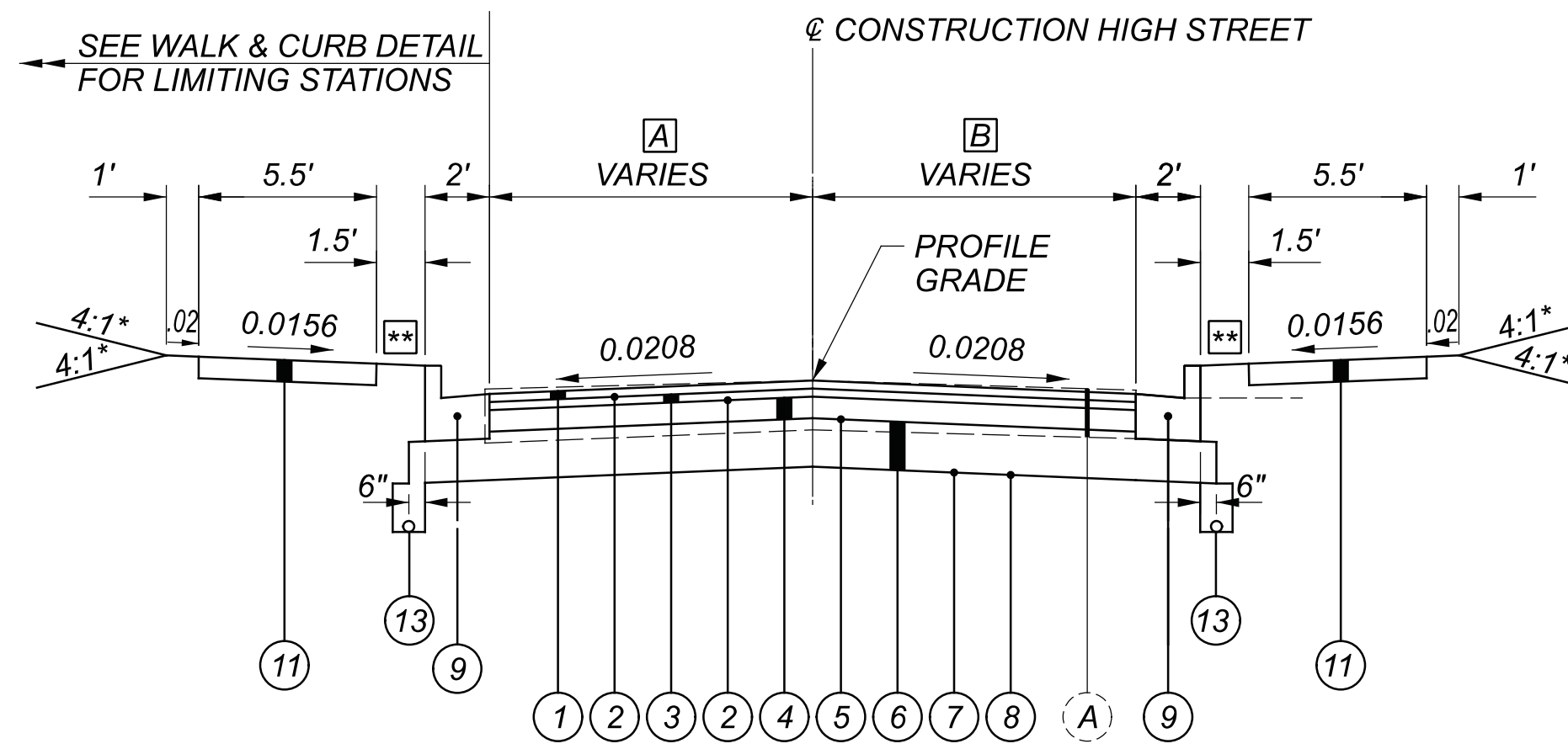
DESIGN AGENCY

DESIGNER: JLM  
 REVIEWER: JLM  
 MAG 06/09/22  
 PROJECT ID: 112019  
 SHEET: 3 TOTAL: 208



**WALK & CURB DETAIL**  
 STA. 55+50.00 TO STA. 56+00.10

\*\* MATCH SIDEWALK SLOPE

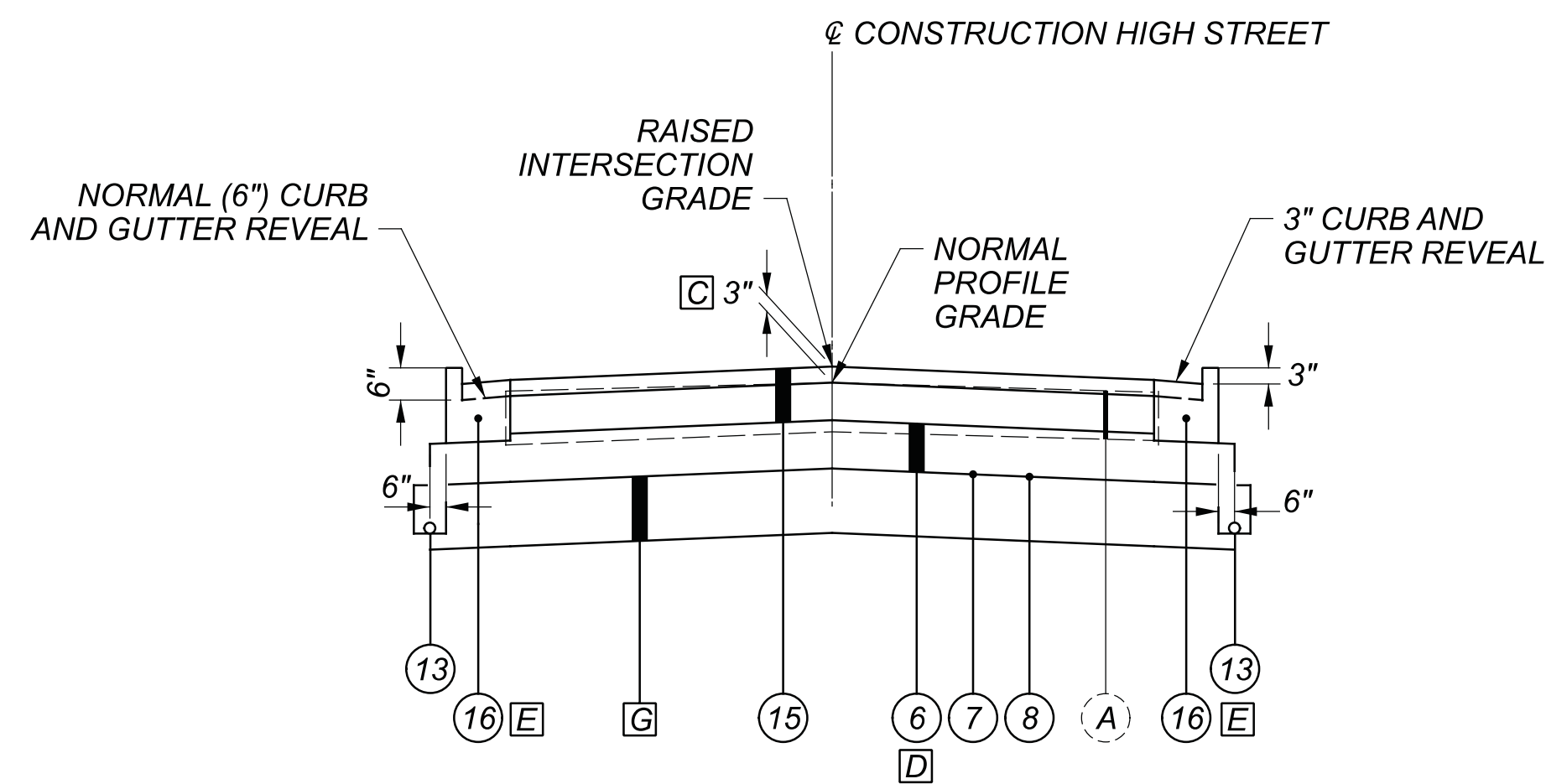


**SOUTH HIGH STREET CURB AND GUTTER SECTION (REDUCED TREE LAWN)**  
 STA. 41+39.92 RT TO STA. 56+00.10  
 STA. 44+50.00 LT TO STA. 56+00.10

**A** 8.0'  
 STA. 44+50.00 TO STA. 46+32.64  
 VARIES 8.0' TO 9.0'  
 STA. 46+32.64 TO STA. 47+00.00  
 9.0'  
 STA. 47+00.00 TO STA. 56+00.10

**B** 11.6' TO 12.0'  
 STA. 41+39.92 TO STA. 41+50.00  
 12'  
 STA. 41+50.00 TO STA. 46+32.64  
 VARIES 12.0' TO 11.0'  
 STA. 46+32.64 TO STA. 47+00.00  
 11.0'  
 STA. 47+00.00 TO STA. 56+00.10

**E** TRANSITION ITEM 609 - CURB AND GUTTER, MISC (APP) FROM NORMAL (6") CURB REVEAL TO 3" CURB REVEAL OVER 7' SINUSOIDAL TRANSITION.



**SOUTH HIGH STREET 3" RAISED INTERSECTION DETAIL**  
 STA. 11+31.35 TO STA. 11+99.92  
 STA. 15+90.07 TO STA. 16+69.08  
 STA. 28+62.22 TO STA. 29+25.09  
 STA. 33+70.24 TO STA. 34+34.67  
 STA. 38+28.97 TO STA. 39+43.21  
 STA. 43+95.41 TO STA. 44+63.37  
 STA. 49+55.81 TO STA. 50+49.86

NOTE: STATION RANGES ABOVE ARE FOR INFORMATION ONLY.  
 NORMAL TYPICAL SECTION STATION RANGES APPLY TO ITEMS LOCATED BEHIND THE CURB.

SEE INTERSECTION DETAILS FOR CROSS SLOPE INFORMATION

**C** TRANSITION FROM PROFILE GRADE TO 3" RAISED INTERSECTION TO OCCUR 7' AHEAD/BACK OF STATION RANGES OUTLINED BELOW. SEE SINUSOIDAL TRANSITION DETAIL ON SHEET 5.

**D** TRANSITION ITEM 304 - AGGREGATE BASE FROM 9" THICKNESS TO 12" THICKNESS OVER 7' SINUSOIDAL TRANSITION.

**G** STA. 10+35.00 TO STA. 18+61.00  
 STA. 30+50.00 TO STA. 42+04.00

- 17** ITEM 204 - EXCAVATION OF SUBGRADE (12")
- 18** ITEM 203 - GRANULAR MATERIAL, TYPE C (12")
- 19** ITEM 204 - GEOTEXTILE FABRIC

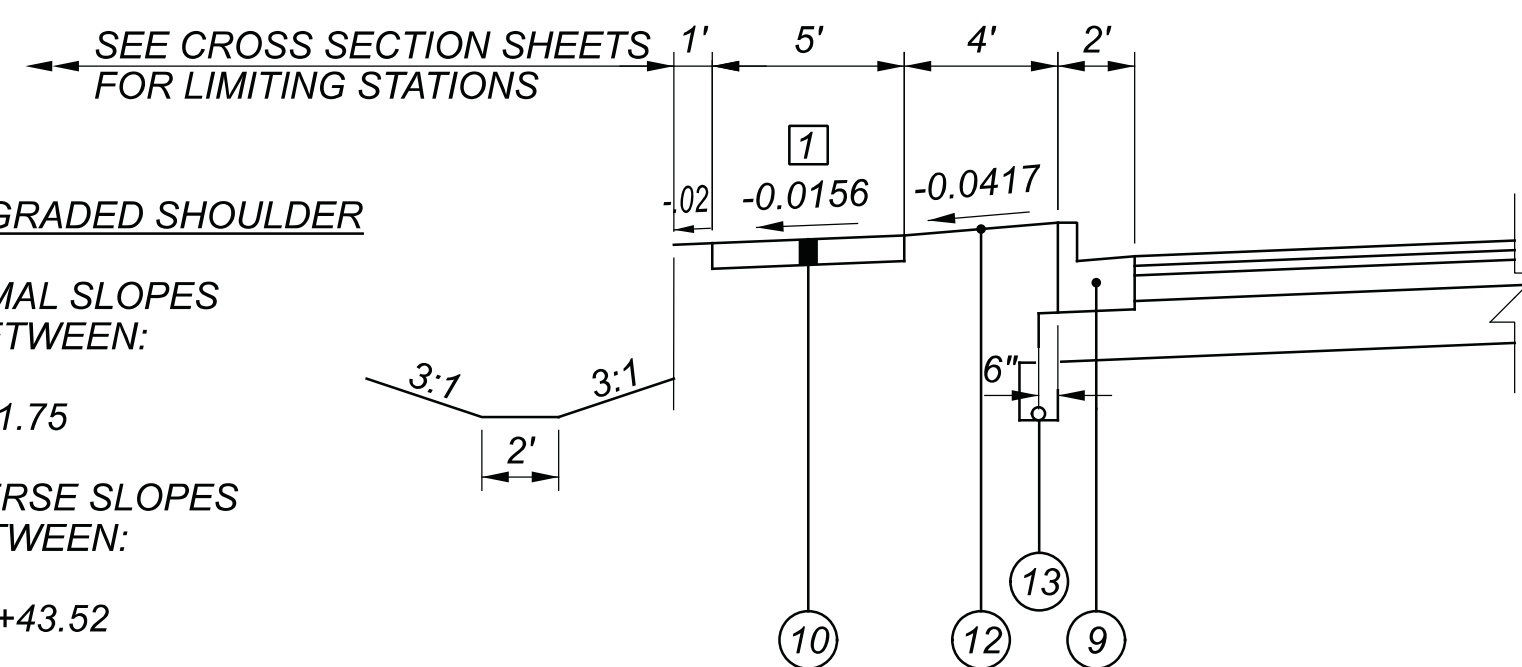
**1** TREE LAWN, WALK AND GRADED SHOULDER

TRANSITION FROM NORMAL SLOPES TO REVERSE SLOPES BETWEEN:

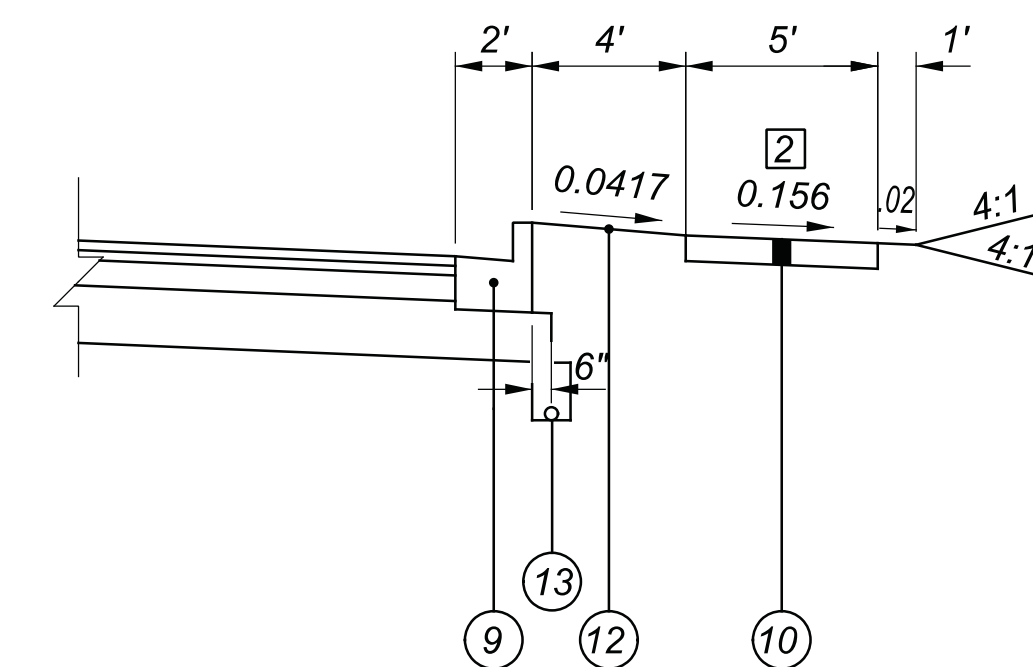
STA. 9+21.75 TO STA. 9+31.75

TRANSITION FROM REVERSE SLOPES TO NORMAL SLOPES BETWEEN:

STA. 10+33.52 TO STA. 10+43.52



**REVERSE TREE LAWN AND WALK DETAIL**



**REVERSE TREE LAWN AND WALK DETAIL RIGHT**

**2** TREE LAWN, WALK AND GRADED SHOULDER

TRANSITION FROM NORMAL SLOPES TO REVERSE SLOPES BETWEEN:

STA. 1+90.00 TO STA. 2+00.00  
 STA. 33+30.00 TO STA. 33+40.00

TRANSITION FROM REVERSE SLOPES TO NORMAL SLOPES BETWEEN:

STA. 5+50.00 TO STA. 5+60.00  
 STA. 33+65.00 TO STA. 33+75.00



**UTILITIES**

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

**CITY OF URBANA**  
205 SOUTH MAIN STREET  
URBANA, OH 43078

TYLER BUMBALOUGH, P.E.  
(937)-652-4324  
TYLER.BUMBALOUGH@CI.URBANA.OH.US

**ELECTRIC**

**AES OHIO (DISTRIBUTION)**  
1900 DRYDEN ROAD  
DAYTON, OHIO 45439

BILL WARD  
(937)-554-9063  
WILLIAM.WARD@AES.COM

**AES OHIO (TRANSMISSION)**  
P.O. BOX 1247  
DAYTON, OHIO 45401

GREGORY TOKAR  
(937)-331-4647  
GREGORY.TOKAR@AES.COM

**SANITARY**

**CITY OF URBANA - SEWER**  
1263 MUZZY ROAD  
URBANA, OHIO 43078

BRAD YOST  
(937)-652-4331  
BRAD.YOST@CI.URBANA.OH.US

**WATER**

**CITY OF URBANA - WATER**  
416 TAFT AVENUE  
URBANA, OHIO 43078

JOE SAMPSON  
(937)-652-4335  
JOE.SAMPSON@CI.URBANA.OH.US

**GAS**

**COLUMBIA GAS OF OHIO**  
2101 W. MAIN ST.  
SPRINGFIELD, OHIO 45504

ALISON GARBASH  
(937)-327-7114  
AGARBASH@NISOURCE.COM

**COMMUNICATIONS**

**CHAMPAIGN TELEPHONE**  
**C.T. COMMUNICATIONS**  
126 SCIOTO STREET  
URBANA, OHIO 43078

ROGER BARNHART  
(937)-653-2233  
ROGER@CTCOMMUNICATIONS.COM

**CHARTER-SPECTRUM (TWCABLE)**  
3691 TURNER ROAD  
DAYTON, OHIO 45415

EIN WHATLEY  
(937)-396-8591  
EIN.WHATLEY@CHARTER.COM

**SIGNALS**

**CITY OF URBANA - STREET DEPARTMENT**  
416 TAFT AVENUE  
URBANA, OHIO 43078

MARK MUIRHEAD  
(937)-652-4334  
MARK.MUIRHEAD@CI.URBANA.OH.US

**LIGHTING**

**MIAMI VALLEY LIGHTING**

ROBYN LIVESAY  
(937)-475-8627  
ROBYN.LIVESAY@AES.COM

**SURVEYING PARAMETERS**

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE SHEET 2 OF THE PLANS FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION.

USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

**PROJECT CONTROL**

POSITIONING METHOD: ODOT VRS  
MONUMENT TYPE: LJB TYPE A/B

**VERTICAL POSITIONING**

ORTHOMETRIC HEIGHT DATUM: NAVD88  
GEOID: GEOID18 (CONUS)

**HORIZONTAL POSITIONING**

REFERENCE FRAME: NAD83(2011)  
ELLIPSOID: GRS80  
MAP PROJECTION: LAMBERT CONFORMAL CONIC TWO PARALLEL COORDINATE SYSTEM: OHIO STATE PLANE, SOUTH ZONE  
COMBINED SCALE FACTOR: 0.999969144  
PROJECT ADJUSTMENT FACTOR: 1.000030857  
ORIGIN OF COORDINATE SYSTEM: 0, 0

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS 623.

UNITS ARE IN U.S. SURVEY FEET.

**CONSTRUCTION NOISE**

ACTIVITIES AND LAND USE ADJACENT TO THIS PROJECT MAY BE AFFECTED BY CONSTRUCTION NOISE. IN ORDER TO MINIMIZE ANY ADVERSE CONSTRUCTION NOISE IMPACTS, THE CONTRACTOR SHALL COMPLY WITH THE CITY OF URBANA NOISE ORDINANCES AT ALL TIMES. IN ADDITION, DO NOT OPERATE AT ANY TIME ANY DEVICE IN SUCH A MANNER THAT THE NOISE CREATED SUBSTANTIALLY EXCEEDS THE NOISE CUSTOMARILY AND NECESSARILY ATTENDANT TO THE REASONABLE AND EFFICIENT PERFORMANCE OF SUCH EQUIPMENT.

**CITY OF URBANA NOTES AND DETAILS**

UNLESS OTHERWISE STATED, ALL MATERIALS, MEANS AND METHODS SHALL COMPLY WITH CITY OF URBANA STANDARD NOTES, DRAWINGS AND SPECIFICATIONS.

**WORK LIMITS**

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

**CLEARING AND GRUBBING**

REMOVE ALL TREES AND STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE CONSTRUCTION LIMITS UNDER THE LUMP SUM BID FOR ITEM 201, CLEARING AND GRUBBING. THE FOLLOWING IS AN APPROXIMATE ESTIMATE OF THE NUMBER OF TREES AND STUMPS TO BE REMOVED.

SIZES	NO. TREES	TOTAL
18"	18	18
30"	5	5
48"	15	15

**MONUMENT ASSEMBLIES**

CONSTRUCT MONUMENT ASSEMBLIES IN ACCORDANCE WITH THE DETAILS SHOWN ON THE STANDARD CONSTRUCTION DRAWINGS AND AT THE LOCATIONS SHOWN ON SHEETS 172 - 174.

**AIRWAY/HIGHWAY CLEARANCE FOR AIRPORTS AND HELIPORTS**

THIS PROJECT HAS BEEN IDENTIFIED AS BEING WITHIN THE INFLUENCE AREA OF A PUBLIC USE AIRPORT OR HELIPORT. NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT AT MAXIMUM OPERATING HEIGHT SHALL EXCEED A HEIGHT OF 83' FT. IF ANY TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT WILL EXCEED THIS HEIGHT, FURTHER COORDINATION WITH THE FEDERAL AVIATION ADMINISTRATION (FAA), AND ODOT OFFICE OF AVIATION, WILL BE NECESSARY PRIOR TO ERECTING SUCH TEMPORARY STRUCTURES OR OPERATING SUCH EQUIPMENT ON THE PROJECT. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT FORM 7460-1 TO THE FAA. NOTIFY THE ODOT OFFICE OF AVIATION WHEN SUBMITTING FAA FORM 7460-1.

NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT SHALL EXCEED THE PERMISSIBLE HEIGHT, UNTIL A COPY OF THE FAA APPROVAL AND THE ODOT OFFICE OF AVIATION PERMIT HAS BEEN FURNISHED TO THE PROJECT ENGINEER.

FEDERAL AVIATION ADMINISTRATION  
SOUTHWEST REGIONAL OFFICE  
OBSTRUCTION EVALUATION GROUP  
10101 HILLWOOD PARKWAY  
FORT WORTH, TX 76177  
FAX: (817) 222-5920  
HTTP://CEAAA.FAA.GOV

OHIO DEPARTMENT OF TRANSPORTATION  
OFFICE OF AVIATION  
2829 WEST DUBLIN-GRANVILLE ROAD  
COLUMBUS, OHIO 43235  
OHIO.AIRPORT.PROTECTION@DOT.OHIO.GOV

**ITEM 204 - SUBGRADE COMPACTION AND PROOF ROLLING**

CONSTRUCT THE SUBGRADE AS FOLLOWS AND IN THE FOLLOWING SEQUENCE:

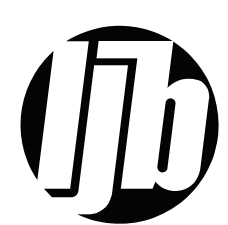
- SHAPE THE SUBGRADE TO WITHIN 0.2 FEET OF THE PLAN SUBGRADE ELEVATION.
- EXCAVATE AND REPLACE UNSUITABLE SUBGRADE BEFORE PROOF ROLLING. THE EXCAVATION LIMITS ARE SHOWN AND LABELED ON THE CROSS SECTIONS AS UNSUITABLE SUBGRADE. UNSUITABLE SUBGRADE INCLUDES UNSUITABLE SOIL (A-4B, A-2-5, A-5, A-7-5, AND SOIL WITH A LIQUID LIMIT GREATER THAN 65) AND ANY COAL, SHALE, OR ROCK WHICH NEEDS TO BE REMOVED ACCORDING TO SECTION 204.05 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS (C&MS).  
  
IF THERE IS UNSUITABLE SUBGRADE IN A SHALLOW FILL LOCATION, EXCAVATE AND REPLACE THE UNSUITABLE SUBGRADE BEFORE CONSTRUCTING THE SHALLOW FILL AND SHAPING THE SUBGRADE.
- COMPACT THE SUBGRADE ACCORDING TO C&MS 204.03.
- APPROXIMATE LIMITS FOR EXCAVATION OF UNSTABLE SUBGRADE ARE SHOWN AND LABELED ON THE CROSS SECTIONS AS UNSTABLE SUBGRADE. THE ENGINEER WILL IDENTIFY THE ACTUAL LIMITS OF EXCAVATION FOR UNSTABLE SUBGRADE BASED ON THE PROOF ROLLING RESULTS AND VISUAL OBSERVATIONS.  
  
PROOF ROLL THE COMPACTED SUBGRADE ACCORDING TO C&MS 204.06.

- EXCAVATE UNSTABLE SUBGRADE AS DIRECTED BY THE ENGINEER AND STABILIZE BY REPLACING WITH THE SPECIFIED MATERIALS ACCORDING TO C&MS 204.07. EXCAVATIONS WILL EXTEND 18 INCHES BEYOND THE EDGE OF THE SURFACE OF THE PAVEMENT, PAVED SHOULDERS, OR PAVED MEDIANS.
- PROOF ROLL THE STABILIZED AREAS ACCORDING TO C&MS 204.06 TO VERIFY STABILITY.
- FINE GRADE THE SUBGRADE TO THE SPECIFIED GRADE.

THE QUANTITIES FOR EXCAVATING THE UNSUITABLE SUBGRADE AND UNSTABLE SUBGRADE ARE BOTH PAID UNDER ITEM 204, EXCAVATION OF SUBGRADE.

**PROTECTION OF DRINKING WATER RESOURCES**

BEST CONSTRUCTION PRACTICES ARE TO BE IMPLEMENTED TO MINIMIZE WATER QUALITY IMPACTS. IDLE EQUIPMENT, PETROCHEMICALS, AND TOXIC/HAZARDOUS MATERIALS SHALL NOT BE STORED NEAR DRAINAGE WAYS, DITCHES OR STREAMS. REFUELING SHALL NOT BE UNDERTAKEN NEAR DRAINAGE WAYS, DITCHES OR STREAMS. A SPILL CONTAINMENT KIT IS TO BE MAINTAINED ON-SITE THROUGHOUT CONSTRUCTION ACTIVITIES. SPILLS OF FUELS, OILS, CHEMICALS, OR OTHER MATERIALS WHICH COULD POSE A THREAT TO GROUNDWATER SHALL BE CLEANED UP IMMEDIATELY. IF THE SPILL IS A REPORTABLE AMOUNT, THE LOCAL FIRE DEPARTMENT (911), LOCAL EMERGENCY COORDINATOR (937-605-1786) AND THE OEPA (1-800-282-9378) MUST BE CONTACTED WITHIN 30 MINUTES OF KNOWLEDGE OF THE RELEASE.



**SEEDING AND MULCHING**

THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS:

659, TOPSOIL	1,984 CU. YD.
659, SEEDING AND MULCHING	17,850 SQ. YD.
659, REPAIR SEEDING AND MULCHING	893 SQ. YD.
659, INTER-SEEDING	893 SQ. YD.
659, COMMERCIAL FERTILIZER	2.49 TON
659, LIME	3.69 ACRES
659, WATER	102 M. GAL.

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES, AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS.

**DRAINAGE DISCHARGE CONTINUANCE**

FURNISH A DRAINAGE DISCHARGE CONTINUANCE FOR ANY DRAINAGE DISCHARGE DISTURBED BY THE WORK AND NOT SHOWN IN THE PLANS. THE LOCATION, TYPE (CONDUIT OR SWALE), SIZE AND GRADE OF THE DRAINAGE DISCHARGE CONTINUANCE WILL BE AGREED TO BY THE ENGINEER

FURNISH AN INSPECTION WELL AT THE RIGHT OF WAY LINE IN ACCORDANCE WITH SCD DM-3.1 FOR EACH DRAINAGE DISCHARGE THAT OUTLETS THROUGH A CURB OPENING, OR INTO A STORM SEWER OR DRAINAGE STRUCTURE. THE COST IS INCLUDED IN ITEM 611, INSPECTION WELL.

FURNISH A WELL GRADED TRANSITION BETWEEN THE DITCH AND THE SWALE WHEN OUTLETTING A SWALE TO A DITCH. THE COST FOR THE GRADED TRANSITION IS INCLUDED IN ITEM 203, EMBANKMENT AS PER PLAN.

FURNISH AN EROSION CONTROL PAD AS SHOWN IN SCD DM-1.1 WHEN OUTLETTING A CONDUIT TO A DITCH. THE COST FOR THE EROSION CONTROL PAD IS INCLUDED IN ITEM 611, CONDUIT, MISC: TYPE C FOR DRAINAGE DISCHARGE CONTINUANCE.

FURNISH A DRILLED HOLE OR A CURB SECTION WITH A HOLE WHEN OUTLETTING A CONDUIT THROUGH A CURB OPENING. THE COST OF DRILLING, OR FURNISHING THE CURB SECTION WITH HOLE IS INCLUDED IN ITEM 611, CONDUIT, MISC.: TYPE B FOR DRAINAGE DISCHARGE CONTINUANCE.

FURNISH A DRILLED CORE HOLE WHEN OUTLETTING INTO A STORM SEWER OR DRAINAGE STRUCTURE. THE COST OF THE DRILLED CORE HOLE IS INCLUDED IN ITEM 611, CONDUIT, MISC.: TYPE B FOR DRAINAGE DISCHARGE CONTINUANCE.

**DOCUMENTATION**

THE CONTRACTOR SHALL FURNISH WRITTEN DOCUMENTATION TO THE ENGINEER AND TO THE DISTRICT R/W PERMIT OFFICE. THE DOCUMENTATION INCLUDES THE CONSTRUCTION PROJECT NUMBER, PID, COUNTY, ROUTE, SECTION, LATITUDE AND LONGITUDE OF THE DRAINAGE DISCHARGE AT THE RW, THE NAME OF PROPERTY OWNER WITH ADDRESS, THE DATE THE DRAINAGE DISCHARGE WAS LOCATED, THE DATE THE DRAINAGE DISCHARGE CONTINUANCE WAS FURNISHED, A DETAILED DESCRIPTION OF THE WORK AND PICTURES OF THE DRAINAGE DISCHARGE CONTINUANCE (IN PDF OR JPEG FORMAT). THE DOCUMENTATION IS INCLUDED IN ITEM 611, CONDUIT, MISC.: TYPE \_ FOR DRAINAGE DISCHARGE CONTINUANCE OR ITEM 203, EMBANKMENT AS PER PLAN.

**DRAINAGE DISCHARGE CONTINUANCE**

DRAINAGE DISCHARGE CONTINUANCE REMOVAL  
 THE ENGINEER MAY REQUIRE THE NEWLY INSTALLED DRAINAGE DISCHARGE CONTINUANCE TO BE REMOVED.

REMOVE THE NEWLY INSTALLED CONDUIT AND ANY EXISTING CONDUIT TO THE RIGHT OF WAY LINE. FOR CONDUIT THAT OUTLETS THROUGH THE CURB RESTORE THE CURB BY FILLING THE HOLE WITH CLASS QC 1 CONCRETE OR REPLACE THE CURB SECTION. FOR CONDUIT THAT OUTLETS TO A STORM SEWER OR DRAINAGE STRUCTURE LEAVE 6 INCHES PROTRUDING OUTSIDE OF THE CONDUIT. PLUG THE PROTRUDING CONDUIT WITH EITHER A MANUFACTURED CAP OR CLASS QC 1 CONCRETE. FOR CONDUIT THAT OUTLETS TO THE DITCH REMOVE THE EROSION CONTROL PAD. RESTORE ALL AREAS AS REQUIRED. PLUG THE EXISTING CONDUIT REGARDLESS OF SIZE AT THE RIGHT OF WAY LINE WITH CLASS QC 1 CONCRETE AND RESTORE ALL AREAS AS REQUIRED. ALL COSTS ARE INCLUDED IN ITEM 202, REMOVAL MISC. CONDUIT.

DAM THE SWALE THAT OUTLETS TO THE DITCH AT THE RW AS DIRECTED BY THE ENGINEER. ALL COSTS ARE INCLUDED IN ITEM 203, EMBANKMENT AS PER PLAN.

REMOVE THE INSPECTION WELL AND RESTORE ALL AREAS AS REQUIRED. THE COST IS INCLUDED IN ITEM 202, REMOVAL MISC. INSPECTION WELL.

**CONDUIT MATERIAL TYPES**

THE FOLLOWING CONDUIT MATERIAL TYPES ARE PERMITTED: 707.33, 707.41 NON- PERFORATED, 707.42, 707.43, 707.45, 707.46, 707.47, 707.51, AND 707.52 SDR35.

**PAY ITEMS**

EACH OF THE PAY ITEMS LISTED BELOW FOR CONDUIT MISCELLANEOUS TYPES B, C, E AND F FOR DRAINAGE DISCHARGE CONTINUANCE INCLUDE CONDUIT SIZES 2 INCH TO 10 INCH. THERE IS NO COST DIFFERENTIATION FOR SIZE IN THESE PAY ITEMS.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER IN MAKING THE ABOVE DRAINAGE DISCHARGE CONTINUANCE:

- ITEM 611, 5 EACH INSPECTION WELL
- ITEM 611, 250 FT. CONDUIT, MISC TYPE B FOR DRAINAGE DISCHARGE CONTINUANCE
- ITEM 611, 250 FT. CONDUIT, MISC TYPE C FOR DRAINAGE DISCHARGE CONTINUANCE
- ITEM 611, 250 FT. CONDUIT, MISC TYPE E FOR DRAINAGE DISCHARGE CONTINUANCE
- ITEM 611, 250 FT. CONDUIT, MISC TYPE F FOR DRAINAGE DISCHARGE CONTINUANCE
- ITEM 202, 500 FT. REMOVAL MISC CONDUIT
- ITEM 202, 5 EACH REMOVAL MISC INSPECTION WELL
- ITEM 203, 50 CUBIC YARD EMBANKMENT AS PER PLAN

**CONCRETE COLLARS FOR PIPE CONNECTIONS**

WHERE CONNECTIONS ARE MADE BETWEEN RIGID AND FLEXIBLE PIPE SECTIONS OR BETWEEN PIPE SECTIONS OF DIFFERENT KIND OR TYPE OF END FABRICATION, WHETHER REQUIRED BY THE PLANS OR ENCOUNTERED IN CONNECTION TO EXISTING FACILITIES, THE JOINT SHALL BE SEALED BY MEANS OF A CONCRETE COLLAR, AS PER STANDARD CONSTRUCTION DRAWING DM-1.1. COST SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEMS.

**CROSSINGS AND CONNECTIONS TO EXISTING PIPES AND UTILITIES**

WHERE PLANS PROVIDE FOR A PROPOSED CONDUIT TO BE CONNECTED TO, OR CROSS OVER OR UNDER AN EXISTING SEWER OR UNDERGROUND UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING PIPES OR UTILITIES BOTH AS TO LINE AND GRADE BEFORE STARTING TO LAY THE PROPOSED CONDUIT.

IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING CONDUIT, OR EXISTING APPURTENANCE TO BE CONNECTED, DIFFERS FROM THE PLAN ELEVATION OR RESULTS IN A CHANGE IN THE PLAN CONDUIT SLOPE, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WILL BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATIONS.

IF IT IS DETERMINED THAT THE PROPOSED CONDUIT WILL INTERSECT AN EXISTING SEWER OR UNDERGROUND UTILITY IF CONSTRUCTED AS SHOWN ON THE PLAN, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY.

PAYMENT FOR ALL THE OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEM.

**REVIEW OF DRAINAGE FACILITIES**

BEFORE ANY WORK IS STARTED ON THE PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY THE CITY, REPRESENTATIVES OF THE CITY AND THE CONTRACTOR, SHALL MAKE AN INSPECTION OF ALL EXISTING SEWERS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCES SHALL BE DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION SHALL BE KEPT IN WRITING BY THE CITY.

ALL NEW CONDUITS, INLETS, CATCH BASINS, AND MANHOLES CONSTRUCTED AS A PART OF THE PROJECT SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEAN CONDITION BEFORE THE PROJECT WILL BE ACCEPTED BY THE CITY.

ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE MENTIONED PARTIES SHALL BE MAINTAINED AND LEFT IN A CONDITION REASONABLY COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. ANY CHANGE IN THE CONDITION RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEMS.

**MANHOLE, CATCH BASINS, AND INLETS REMOVED OR ABANDONED**

ALL CASTINGS SHALL BE CAREFULLY REMOVED AND STORED WITHIN THE RIGHT-OF-WAY FOR SALVAGE BY CITY FORCES.

PAYMENT FOR THE ABOVE WORK SHALL BE INCLUDED IN THE CONTRACT PRICE BID FOR THE PERTINENT 202 ITEM.

**SHALLOW UTILITIES**

THE CONTRACTOR IS ADVISED THAT SHALLOW UTILITIES EXIST ALONG THE PROJECT ROUTES. REFER TO CROSS SECTIONS. FIELD VERIFICATION BY HAND DIGGING MAY BE REQUIRED.

**UNRECORDED ACTIVE SANITARY SEWER CONNECTIONS**

FURNISH A CONTINUANCE FOR ALL UNRECORDED ACTIVE SANITARY SEWER CONNECTIONS SUCH AS SANITARY, WASTEWATER, CURTAIN/GRADIENT DRAINS, AND FOUNDATION FLOOR DRAINS DISTURBED BY THE WORK. FURNISH AN UNOBSTRUCTED CONTINUANCE OF THE UNRECORDED ACTIVE SANITARY SEWER CONNECTIONS TO THE SATISFACTION OF THE ENGINEER. ALL SUCH CONTINUANCE REQUIRES A RIGHT-OF-WAY USE PERMIT. ALL SANITARY AND SANITARY WASTEWATER CONTINUANCE MAY ALSO REQUIRE A NPDES PERMIT FROM THE OHIO ENVIRONMENTAL PROTECTION AGENCY. REPORT ALL CONTINUANCE TO THE LOCAL HEALTH DEPARTMENT.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER FOR THE WORK NOTED ABOVE:

- 611, 6" CONDUIT, TYPE B, FOR SANITARY CONNECTION 250 FT.
- 611, 6" CONDUIT, TYPE C, FOR SANITARY CONNECTION 250 FT.

**ITEM 611 - CATCH BASIN 3A, AS PER PLAN: CITY OF URBANA, TYPE 1**

THIS WORK INVOLVES THE PLACEMENT OF THE CATCH BASIN, TYPE 1 AS DETAILED IN THE CITY OF URBANA STANDARD CONSTRUCTION DRAWING 1167.31. STRUCTURES ARE LABELED CB-1 IN THE PLANS AND ARE PAID FOR AS CATCH BASIN 3A, AS PER PLAN: CITY OF URBANA, TYPE 1.

**ITEM 611 - CATCH BASIN 2-2B, AS PER PLAN: CITY OF URBANA TYPE 2-2B**

THIS WORK INVOLVES THE PLACEMENT OF THE CATCH BASIN, TYPE 2-2B AS DETAILED IN THE CITY OF URBANA STANDARD CONSTRUCTION DRAWING 1167.32. STRUCTURES ARE LABELED CB-2-2B IN THE PLANS AND ARE PAID FOR AS CATCH BASIN 2-2B, AS PER PLAN: CITY OF URBANA, TYPE 2-2B.

**ITEM 611 - MANHOLE, TYPE 3 AS PER PLAN: CITY OF URBANA TYPE 3**

THIS WORK INVOLVES THE PLACEMENT OF THE MANHOLE, TYPE 3 AS DETAILED IN THE CITY OF URBANA STANDARD CONSTRUCTION DRAWINGS 1167.35 AND 1167.36. STRUCTURES ARE LABELED MH-3 IN THE PLANS AND ARE PAID FOR AS MANHOLE, TYPE 3, AS PER PLAN: CITY OF URBANA TYPE 3.

**POST CONSTRUCTION STORM WATER TREATMENT**

THIS PLAN UTILIZES STRUCTURAL BEST MANAGEMENT PRACTICES (BMP'S) FOR POST CONSTRUCTION STORM WATER TREATMENT.

**MANUFACTURED WATER QUALITY STRUCTURE**

THIS PLAN UTILIZES MANUFACTURED WATER QUALITY STRUCTURES FOR WATER QUALITY TREATMENT. AREAS HAVE BEEN SHOWN IN THE PLANS FOR PLACEMENT OF AN OFF-LINE SYSTEM. PAYMENT FOR THESE DEVICES SHALL BE MADE AT THE CONTRACT UNIT PRICE FOR ITEM 895, MANUFACTURED WATER QUALITY STRUCTURE, TYPES 2 AND 4.

DESIGN AGENCY



DESIGNER

BMG

REVIEWER

MAG 02/27/23

PROJECT ID

112019

SHEET

6

TOTAL

222

**ITEM 609 - CURB, MISC: TYPE 2 CURB AND GUTTER  
 (CITY OF URBANA)**

THIS WORK INVOLVES PLACEMENT OF CONCRETE CURB AND GUTTER, TYPE 2, AS DETAILED IN CITY STANDARD CONSTRUCTION DRAWING 1167.05. THE CONTRACTOR SHOULD BE AWARE THAT DUE TO STAGEING REQUIREMENTS AND MAINTENANCE OF DRIVEWAY TRAFFIC, SOME CURB MAY HAVE TO BE HAND-FORMED.

PRIOR TO PLACEMENT OF THE CURB AND GUTTER, THE CONTRACTOR SHALL PLACE THE FORMS OR STRING LINE ACCORDING TO PLAN ELEVATIONS. THE ENGINEER SHALL INSPECT THE LINE AND GRADE THE FORMS/STRING LINE AND FIELD ADJUST, AS NECESSARY, TO ELIMINATE POTENTIAL PONDING AND/OR TRANSITIONS PRIOR TO CASTING THE CURB. CATCH BASIN INLETS AND MANHOLES GRATES SHALL BE ADJUSTED AS NECESSARY.

PAYMENT FOR THE ADDITIONAL WORK DESCRIBED ABOVE SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT PRICE BID FOR ITEM 609 - CURB, MISC: TYPE 2 CURB AND GUTTER (CITY OF URBANA).

**ITEM 609 - CURB, MISC: TYPE 2 CURB AND GUTTER, AS PER PLAN  
 (CITY OF URBANA)**

IN ADDITION TO THE REQUIREMENTS LISTED ABOVE, WORK PERFORMED UNDER THIS ITEM IS FOR THE INCREASED MATERIAL AND LABOR DUE TO THE RAISED INTERSECTIONS. AT LOCATIONS SPECIFIED IN THE PLANS, INCREASE THE CONCRETE GUTTER THICKNESS TO ACHIEVE A 3" CURB AND GUTTER REVEAL, AS SHOWN ON SHEET 4.

PAYMENT FOR ADDITIONAL MATERIAL AND LABOR SHALL BE INCIDENTAL TO THE CONTRACT UNIT BID PRICE FOR ITEM 609 - CURB, MISC: TYPE 2 CURB AND GUTTER, AS PER PLAN (CITY OF URBANA).

**ITEM 608 - 4" CONCRETE WALK, AS PER PLAN**

IN ADDITIONAL TO THE REQUIRMENTS OF ITEM 608 OF THE ODOT CMS, CONSTRUCT SIDEWALK ADJACENT TO TYPE 2 CURB ACCORDING TO CITY OF URBANA STANDARD CONSTRUCTION DRAWING 1167.08. SIDEWALK CROSS SLOPE SHALL BE NO GREATER THAN 64:1 OR 1.56%, AS NOTED ON THE PROJECT TYPICAL SECTIONS.

PAYMENT FOR ADDITIONAL MATERIAL AND LABOR SHALL BE INCIDENTAL TO THE CONTRACT UNIT BID PRICE FOR ITEM 608 - 4" CONCRETE WALK, AS PER PLAN.

**PRIVATE SIDEWALK CONNECTIONS**

WHILE NOT SPECIFICALLY CALLED OUT IN THE PLANS, ALL PRIVATE SIDEWALKS SHALL BE CONNECTED TO THE SIDEWALK PROPOSED AS A PART OF THIS PROEJCT. ALL SIDEWALK CONNECTIONS SHALL MEET OR EXCEED ADA REQUIREMENTS AND/OR SPECIFICATIONS SHOWN IN ITEM 608 OF THE ODOT CMS.

THE FOLLOWING QUANTITIES ARE CARRIED TO THE GENERAL SUMMARY AND SHALL BE USED IN PRIVATE SIDEWALK CONNECTIONS:

ITEM 202 - WALK REMOVED: 750 SF  
 ITEM 608 - 4" CONCRETE WALK: 1000 SF

**OUPS PRECONSTRUCTION VIDEO**

FOLLOWING THE COMPLETION OF ALL UNDERGROUND UTILITY MARKINGS, THE CONTRACTOR SHALL RECORD A VIDEO OF THE CORRIDOR'S UTILITIES AND SUBMIT SAID VIDEO TO THE CITY OF URBANA ENGINEERING DEPARTMENT. COST OF VIDEO SHALL BE INCIDENTAL AND INCLUDED IN THE UNIT COST FOR ITEM 623 - CONSTRUCTION LAYOUT STAKES AND SURVEYING.

DESIGN AGENCY



DESIGNER

BMG

REVIEWER

MAG 02/27/23

PROJECT ID

112019

SHEET

TOTAL

7 | 222

**ITEM 614, MAINTAINING TRAFFIC**

A MINIMUM OF ONE LANE OF LOCAL TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES OUTSIDE OF THE SECTION OF THE PROJECT UNDER ACTIVE CONSTRUCTION. THROUGH TRAFFIC MAY BE DETOURED AS DESCRIBED IN THESE NOTES.

MAINTAIN SAFE AND ADEQUATE ACCESS TO DRIVEWAYS AND WALKWAYS IN FOR PASSENGER VEHICLES, TRUCKS, AND SAFETY EQUIPMENT TO ALL ADJOINING PROPERTIES.

NOTICE OF CLOSURE SIGNS (W20-H13) SHALL BE ERECTED BY THE CONTRACTOR PRIOR TO THE SCHEDULED ROAD CLOSURE IN ACCORDANCE WITH THE NOTICE OF CLOSURE TIME TABLE BELOW. [AT THE APPROVAL OF THE ENGINEER, PORTABLE CHANGEABLE MESSAGE SIGNS MAY BE USED IN LIEU OF THE STANDARD FLATSHEET SIGN FOR CLOSURE DURATIONS OF LESS THAN 1 WEEK.]

THE SIGNS SHALL BE ERECTED ON THE RIGHT-HAND SIDE OF THE ROAD FACING TRAFFIC. THEY SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. ON ROADWAYS, THEY SHOULD BE ERECTED AT OR NEAR THE POINT OF CLOSURE.

**NOTICE OF CLOSURE SIGN TIME TABLE**

ITEM	DURATION OF CLOSURE	SIGN DISPLAYED TO PUBLIC
ROAD CLOSURES	>=2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	7 CALENDAR DAYS PRIOR TO CLOSURE
	<= 12 HOURS	2 BUSINESS DAYS PRIOR TO CLOSURE

THE SIGN SHALL DISPLAY THE DATE OF THE CLOSURE IN MMM-DD FORMAT AND THE NUMBER OF DAYS OF THE CLOSURE. THE LAST LINE OF THE W20-H13 SIGN LISTS A PHONE NUMBER WHICH A MOTORIST MAY CALL FOR ADDITIONAL INFORMATION. UNLESS DIRECTED OTHERWISE, THIS SHALL BE THE NUMBER FOR THE URBANA CITY ENGINEER: 937-652-4324.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DETERMINED BY THE ENGINEER FOR THE MAINTENANCE OF TRAFFIC.

ITEM 410,	TRAFFIC COMPACTED SURFACE, TYPE A OR B	100 CU. YD.
ITEM 614,	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	100 CU. YD.
ITEM 616,	WATER	50 M. GAL.

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN SIGNS AND SIGN SUPPORTS, AS DETAILED IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AND TYPE III BARRICADES OF THE TYPE AND LOCATION AS FOLLOWS:

SOUTH HIGH STREET

- AT MIAMI STREET (US 36/SR 29) FACING NORTH ROAD CLOSED TO THRU TRAFFIC R11-4-60 AND DETOUR M4-10-48 (LEFT ARROW) ON TYPE III BARRICADE
- LEFT ARROW M4-10-48 ON TYPE III BARRICADE
- JUST NORTH OF WORK AREA ROAD CLOSED R11-2-48 ON TYPE III BARRICADE
- JUST SOUTH OF WORK AREA ROAD CLOSED R11-2-48 ON TYPE III BARRICADE
- AT LEWIS B MOORE DRIVE (SR 55) FACING SOUTH ROAD CLOSED TO THRU TRAFFIC R11-4-60 AND DETOUR M4-10-48 (RIGHT ARROW) ON TYPE III BARRICADE

MIAMI STREET (US 36/SR 29)

- ROAD WORK AHEAD W20-1-36 700 FEET EAST AND WEST OF SOUTH HIGH STREET
- STREET NAME SIGN D3-1 AND ROAD CLOSED AHEAD W20-3-36 350 FEET EAST AND WEST OF SOUTH HIGH STREET
- END ROAD WORK G20-2-48 350 FEET EAST AND WEST OF SOUTH HIGH STREET

WEST MARKET STREET

- ROAD CLOSED TO THRU TRAFFIC R11-4-60 JUST EAST OF SOUTH HIGH STREET
- ROAD CLOSED AHEAD W20-3-36 100 FEET EAST OF SOUTH HIGH STREET

ABBEY LANE

- ROAD CLOSED TO THRU TRAFFIC R11-4-60 JUST WEST OF SOUTH HIGH STREET
- ROAD CLOSED AHEAD W20-3-36 100 FEET WEST OF SOUTH HIGH STREET

WEST WATER STREET

- ROAD CLOSED TO THRU TRAFFIC R11-4-60 JUST WEST OF SOUTH MAIN STREET US 68, JUST EAST OF SOUTH HIGH STREET, AND ON SOUTH WALNUT STREET 50 FEET NORTH AND SOUTH OF WEST WATER STREET (PHASE 1 STEP 1B)
- STREET NAME SIGN D3-1 AND ROAD CLOSED AHEAD W20-3-36 100 FEET NORTH AND SOUTH OF WEST WATER STREET ON SOUTH MAIN
- STREET NAME SIGN D3-1 AND ROAD CLOSED AHEAD W20-3-36 100 FEET NORTH AND SOUTH OF WEST WATER STREET ON SOUTH MAIN STREET US 68, ON SOUTH WALNUT STREET 200 FEET NORTH AND SOUTH OF WEST WALNUT STREET AND ON SOUTH HIGH STREET 200 FEET NORTH AND SOUTH OF WEST WALNUT STREET (PHASE 1 STEP 1B)
- ROAD CLOSED TO THRU TRAFFIC R11-4-60 JUST EAST OF SOUTH HIGH STREET (PHASE 1 STEPS 1C AND 1D)
- ROAD CLOSED AHEAD W20-3-36 100 FEET EAST OF SOUTH HIGH STREET (PHASE 1 STEPS 1C AND 1D)

WEST REYNOLDS STREET

- ROAD CLOSED TO THRU TRAFFIC R11-4-60 JUST EAST AND WEST OF SOUTH HIGH STREET
- ROAD CLOSED AHEAD W20-3-36 100 FEET EAST AND WEST OF SOUTH HIGH STREET

COLLEGE STREET

- ROAD CLOSED TO THRU TRAFFIC R11-4-60 JUST EAST AND WEST OF SOUTH HIGH STREET
- ROAD CLOSED AHEAD W20-3-36 100 FEET EAST AND WEST OF SOUTH HIGH STREET

HOVEY STREET

- ROAD CLOSED TO THRU TRAFFIC R11-4-60 JUST EAST AND WEST OF SOUTH HIGH STREET
- ROAD CLOSED AHEAD W20-3-36 100 FEET EAST AND WEST OF SOUTH HIGH STREET

THOMPSON STREET

- ROAD CLOSED TO THRU TRAFFIC R11-4-60 JUST EAST AND WEST OF SOUTH HIGH STREET
- ROAD CLOSED AHEAD W20-3-36 100 FEET EAST AND WEST OF SOUTH HIGH STREET

WEST POWELL STREET

- ROAD CLOSED TO THRU TRAFFIC R11-4-60 JUST EAST OF SOUTH HIGH STREET
- ROAD CLOSED AHEAD W20-3-36 100 FEET EAST OF SOUTH HIGH STREET

WEST BROADWAY STREET

- ROAD CLOSED TO THRU TRAFFIC R11-4-60 JUST EAST AND WEST OF SOUTH HIGH STREET
- ROAD CLOSED AHEAD W20-3-36 100 FEET EAST AND WEST OF SOUTH HIGH STREET

LEWIS B MOORE DRIVE (SR 55)

- ROAD WORK AHEAD W20-1-36 700 FEET EAST AND WEST OF SOUTH HIGH STREET
- STREET NAME SIGN D3-1 AND ROAD CLOSED AHEAD W20-3-36 350 FEET EAST AND WEST OF SOUTH HIGH STREET
- END ROAD WORK G20-2-48 350 FEET EAST AND WEST OF SOUTH HIGH STREET

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

**PLACEMENT OF ASPHALT CONCRETE**

TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES EXCEPT THAT ONE-WAY TRAFFIC WILL BE PERMITTED FOR MINIMUM PERIODS OF TIME CONSISTENT WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR PROTECTION OF COMPLETED ASPHALT CONCRETE COURSES. PERMANENT TRAFFIC CONTROL IS TO BE IN PLACE PRIOR TO OPENING TO TRAFFIC.

**TRENCH FOR WIDENING**

TRENCH EXCAVATION FOR BASE WIDENING SHALL BE ONLY ON ONE SIDE OF THE PAVEMENT AT A TIME. THE OPEN TRENCH SHALL BE ADEQUATELY MAINTAINED AND PROTECTED WITH DRUMS OR BARRICADES AT ALL TIMES. PLACEMENT OF PROPOSED SUBBASE AND BASE MATERIAL SHALL FOLLOW AS CLOSELY AS POSSIBLE BEHIND EXCAVATION OPERATIONS. THE LENGTH OF WIDENING TRENCH WHICH IS OPEN AT ANY ONE TIME SHALL BE HELD TO A MINIMUM AND SHALL AT ALL TIMES BE SUBJECT TO APPROVAL OF THE ENGINEER.

**DUST CONTROL**

THE CONTRACTOR SHALL FURNISH AND APPLY WATER FOR DUST CONTROL AS DIRECTED BY THE ENGINEER. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED FOR DUST CONTROL PURPOSES:

ITEM 616,	WATER	50 M. GAL.
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**MAINTENANCE OF TRAFFIC SIGNAL DETECTION**

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC SIGNAL DETECTION WITHIN THE PROJECT UNDER THE FOLLOWING CONDITIONS:

1. EXISTING DETECTION IS TO BE MAINTAINED AS LONG AS POSSIBLE UNTIL PAVEMENT OPERATIONS DISTURB THE EXISTING LOOP DETECTION.
2. DISTURBED LOOP DETECTORS MAY BE REPLACED WITH A TEMPORARY INDUCTIVE LOOP OR ANOTHER DETECTION METHOD SUCH AS VIDEO, RADAR, MICROWAVE, OR OTHER APPROVED METHOD. PLACING THE APPROACH ON RECALL IS NOT ACCEPTABLE WITHOUT PRIOR APPROVAL.

ALL COSTS RESULTING FROM THE ABOVE REQUIREMENTS SHALL BE CONSIDERED TO BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614, MAINTAINING TRAFFIC.

**SOUTH HIGH STREET DETOUR**

DETOUR SOUTH HIGH STREET VIA MIAMI STREET (US 36/SR29), SOUTH MAIN STREET (US 68), AND LEWIS B MOORE DRIVE (SR 55). ERECT SIGNS AS FOLLOWS:

SOUTHBOUND

1. ON MIAMI STREET 200' WEST OF SOUTH MAIN STREET, ERECT A D3-1-30 AND A M4-9R-30 WITH AN ADVANCE TURN ARROW.
2. ON THE SOUTH SPLITTER ISLAND OF THE SOUTH MAIN STREET ROUNDABOUT, ERECT A D3-1-30 AND A M4-9R-30.
3. ON SOUTH MAIN STREET JUST NORTH OF COLLEGE STREET AND JUST NORTH OF POWELL AVENUE, ERECT A D3-1-30 AND A M4-9-30 WITH A STRAIGHT ARROW.
4. ON SOUTH MAIN STREET 200' NORTH OF LEWIS B MOORE DRIVE, ERECT A D3-1-30 AND A M4-9R-30 WITH AN ADVANCE TURN ARROW.
5. ON SOUTH MAIN STREET JUST NORTH OF LEWIS B MOORE DRIVE, ERECT A D3-1-30 AND A M4-9R-30.
6. ON LEWIS B MOORE DRIVE AT SOUTH HIGH STREET, ERECT A D3-1-30 AND A M4-8a-24.

NORTHBOUND

1. ON LEWIS B MOORE DRIVE 200' WEST OF SOUTH MAIN STREET, ERECT A D3-1-30 AND A M4-9L-30 WITH AN ADVANCE TURN ARROW.
2. ON LEWIS B MOORE JUST WEST OF SOUTH MAIN STREET ERECT, A D3-1-30 AND A M4-9L-30.
3. ON SOUTH MAIN STREET JUST SOUTH OF POWELL AVENUE AND COLLEGE STREET, ERECT A D3-1-30 AND A M4-9-30 WITH A STRAIGHT ARROW.
4. ON SOUTH MAIN STREET 200' SOUTH OF MIAMI STREET, ERECT A D3-1-30 AND A M4-9L-30 WITH AN ADVANCE TURN ARROW.
5. ON THE WEST SPLITTER ISLAND OF THE MIAMI STREET ROUNDABOUT, ERECT A D3-1-30 AND A M4-9R-30.
6. ON MIAMI STREET AT SOUTH HIGH STREET, ERECT A D3-1-30 AND A M4-8a-24.

DESIGN AGENCY



DESIGNER	LAS
REVIEWER	MAG 02/27/23
PROJECT ID	112019
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8	222



**SEQUENCE OF CONSTRUCTION**

SOUTH HIGH STREET WILL BE CONSTRUCTED IN SECTIONS AS DETAILED BELOW. THROUGH TRAFFIC WILL BE DETOURED AS DETAILED IN THESE NOTES. SIDE STREETS WILL BE CLOSED AS EACH SECTION IS UNDER CONSTRUCTION. SECTIONS NOT UNDER CONSTRUCTION SHALL BE OPEN TO LOCAL TRAFFIC. SECTIONS UNDER CONSTRUCTION ARE CLOSED TO ALL TRAFFIC EXCEPT AS NEEDED FOR ADJACENT PROPERTY ACCESS. ROAD CLOSED SIGNS (R11-2-48) ON TYPE III BARRICADES ARE TO BE RELOCATED AS WORK PROGRESSES.

HOVEY ST. AND THOMPSON ST. WEST OF HIGH ST. HAVE LIMITED ACCESS. ONLY CLOSE ONE INTERSECTION AT A TIME TO MAINTAIN ACCESS TO THOSE PROPERTIES WEST OF HIGH ST.

WATER WORKS WILL BE COMPLETED IN STEP 1A AND PHASE 2. COMPLETE EACH SECTION'S STORM SEWER, SANITARY SEWER, PAVEMENT BASE, CURB, INTERMEDIATE PAVEMENT COURSES AND PERMANENT TRAFFIC CONTROL BEFORE MOVING ON TO THE NEXT SECTION. OBTAIN THE ENGINEER'S APPROVAL PRIOR TO BEGINNING THE NEXT PHASE OR STEP.

**PHASE 1**

CONSTRUCT STATION 11+25 TO 56+00 IN THE FOLLOWING STEPS:

STEP 1A CONSTRUCT ALL WATER WORK FROM 11+25 TO 56+00 APPROXIMATELY W. BROADWAY TO MIAMI ST. (US 36/SR 29)

STEP 1B CONSTRUCT STORM SEWER OUTLET ALONG W. WATER ST.

STEP 1C STATION 48+25 TO STATION 56+00 APPROXIMATELY W. WATER ST. TO MIAMI ST. (US 36/SR 29)

STEP 1D STATION 44+50 TO STATION 48+25 APPROXIMATELY W. REYNOLDS ST. TO W. WATER ST.

STEP 1E STATION 39+25 TO STATION 44+50 APPROXIMATELY COLLEGE ST. TO W. REYNOLDS ST.

STEP 1F STATION 33+75 TO STATION 39+25 APPROXIMATELY HOVEY ST. TO COLLEGE ST.

STEP 1G STATION 28+50 TO STATION 33+75 APPROXIMATELY THOMPSON ST. TO HOVEY ST.

STEP 1H STATION 16+25 TO STATION 28+50 APPROXIMATELY W. POWELL ST. TO THOMPSON ST.

STEP 1I STATION 11+25 TO STATION 16+25 APPROXIMATELY W. BROADWAY ST. TO W. POWELL ST.

**PHASE 2**

CONSTRUCT STATION 0+00 TO STATION 11+25 APPROXIMATELY LEWIS B. MOORE DRIVE (SR 55) TO W. BROADWAY ST.

CONSTRUCT WATER WORK, STORM SEWER, SANITARY SEWER, BASE, CURB AND INTERMEDIATE PAVEMENT COURSES.

**PHASE 3**

PLACE FINAL SURFACE COURSE AND FINAL PAVEMENT MARKINGS. REMOVE ROAD CLOSURE AND DETOUR SIGNING.

**NOTIFICATION OF TRAFFIC RESTRICTIONS**

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM THE SPECIAL HAULING PERMITS SECTION (HAULING.PERMITS@DOT.OHIO.GOV) AND THE DISTRICT PUBLIC INFORMATION OFFICE (PIO). THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

INFORMATION SHOULD INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

**NOTIFICATION OF TRAFFIC RESTRICTIONS TIME TABLE**

ITEM	DURATION OF CLOSURE	NOTICE DUE TO PERMITS & PIO
ROAD CLOSURES	>= 2 WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	<= 12 HOURS	4 CALENDAR DAYS PRIOR TO CLOSURE
LANE CLOSURES & RESTRICTIONS	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 2 WEEKS	5 BUSINESS DAYS PRIOR TO CLOSURE
START OF CONSTRUCTION & TRAFFIC PATTERN CHANGES	N/A	14 CALENDAR DAYS PRIOR TO IMPLEMENTATION

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TIME TABLE.

DESIGN AGENCY




DESIGNER	LAS
REVIEWER	MAG
PROJECT ID	02/27/23
	112019
SHEET	TOTAL
9	222

SHEET NUM.													PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
OFFICE CALCS	6	7		14	16	17	18	19	20	78	131	183		EXT	TOTAL				
														201	11000	LS	CLEARING AND GRUBBING		
15,970		750		11,224				1,782	651					202	23000	18,403	SY	PAVEMENT REMOVED	
				2,161										202	30000	11,974	SF	WALK REMOVED	
				3,585							2,079			202	32500	2,161	FT	CURB AND GUTTER REMOVED	
				1,003										202	35100	5,664	FT	PIPE REMOVED, 24" AND UNDER	
														202	35200	1,003	FT	PIPE REMOVED, OVER 24"	
				9							9			202	58000	18	EACH	MANHOLE REMOVED	
				25										202	58100	25	EACH	CATCH BASIN REMOVED	
				189										202	75000	189	FT	FENCE REMOVED	
	5													202	98100	5	EACH	REMOVAL MISC.:INSPECTION WELL	6
	500													202	98200	500	FT	REMOVAL MISC.:CONDUIT	6
								82	28	5,522				203	10000	5,632	CY	EXCAVATION	
										3,659				203	20000	3,659	CY	EMBANKMENT	
	50													203	20001	50	CY	EMBANKMENT, AS PER PLAN	6
1,410														203	35120	1,410	CY	GRANULAR MATERIAL, TYPE C	
20,752														204	10000	20,752	SY	SUBGRADE COMPACTION	
1,410														204	13000	1,410	CY	EXCAVATION OF SUBGRADE	
11														204	45000	11	HOUR	PROOF ROLLING	
		1,000		34,338	2,891									608	10000	38,229	SF	4" CONCRETE WALK	
				7,572	232									608	10001	7,804	SF	4" CONCRETE WALK, AS PER PLAN	7
							7,347							608	52000	7,347	SF	CURB RAMP	
													22	623	38500	22	EACH	MONUMENT ASSEMBLY, TYPE C	
													148	623	40520	148	EACH	RIGHT-OF-WAY MONUMENT, TYPE B	
			1											625	75400	1	EACH	LIGHT POLE REMOVED	
														878	25000	LS		INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS	
																		<b>EROSION CONTROL</b>	
1,984														659	00300	1,984	CY	TOPSOIL	
17,850														659	10000	17,850	SY	SEEDING AND MULCHING	
893														659	14000	893	SY	REPAIR SEEDING AND MULCHING	
893														659	15000	893	SY	INTER-SEEDING	
2.49														659	20000	2.49	TON	COMMERCIAL FERTILIZER	
	3.69													659	31000	3.69	ACRE	LIME	
102														659	35000	102	MGAL	WATER	
														832	15000	LS		STORM WATER POLLUTION PREVENTION PLAN	
														832	15002	LS		STORM WATER POLLUTION PREVENTION INSPECTIONS	
														832	15010	LS		STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE	
														832	30000	80,000	EACH	EROSION CONTROL	

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER  
**BMG**

REVIEWER  
 MAG 02/27/23

PROJECT ID  
 112019


SHEET TOTAL  
 10 | 222



SHEET NUM.												PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
6	131	139	140	152	153	154	155	156	157	158			ITEM	EXT	TOTAL			
		1											638	09400	1	EACH	8" X 8" TAPPING SLEEVE, VALVE AND VALVE BOX	
		1											638	09710	1	EACH	12" X 8" TAPPING SLEEVE, VALVE AND VALVE BOX	
		13											638	10201	13	EACH	6" FIRE HYDRANT, AS PER PLAN	138
		6											638	10480	6	EACH	FIRE HYDRANT REMOVED	
		9											638	10800	9	EACH	VALVE BOX ADJUSTED TO GRADE	
		2											SPECIAL	63820610	2	EACH	14" INSERTING VALVE WITH VALVE BOX	138
			842										SPECIAL	63820768	842	FT	¾" POLYETHYLENE WATER SERVICE LINE	138
		3											638	98000	3	EACH	WATER WORK, MISC.: 8" X 4" TAPPING SLEEVE, VALVE AND VALVE BOX	138
			36										638	98000	36	EACH	WATER WORK, MISC.: CITY OF URBANA CURB STOP	138
		30											638	98600	30	FT	WATER WORK, MISC.:14" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS, AWWA C900, DR18	138
250													611	00900	250	FT	6" CONDUIT, TYPE B, FOR SANITARY CONNECTION	
	560												611	00901	560	FT	6" CONDUIT, TYPE B, AS PER PLAN	130
250													611	01100	250	FT	6" CONDUIT, TYPE C, FOR SANITARY CONNECTION	
	1,714												611	01800	1,714	FT	8" CONDUIT, TYPE B	
	10												611	99574	10	EACH	MANHOLE, NO. 3, SANITARY	
													611	99654	12	EACH	MANHOLE ADJUSTED TO GRADE	
				210	224	252	224	210	266	112			630	03100	1,498	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	
				28	28		28	28	42				630	08520	154	FT	STREET NAME SIGN SUPPORT, NO. 3 POST	
				8	11	10	10	12	13	10			630	08600	74	EACH	SIGN POST REFLECTOR	
				215	126.76	139.25	121.51	122.76	155.13	76			630	80100	956.41	SF	SIGN, FLAT SHEET	
				9	17		8	8	11				630	80500	53	EACH	SIGN, DOUBLE FACED, STREET NAME	150
				6	14	5	12	19	6				630	85000	62	EACH	REMOVAL OF GROUND MOUNTED SIGN AND STORAGE	
				5	8	3	8	12	5				630	86002	41	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
							2	2	2				630	87510	6	EACH	REMOVAL OF POLE MOUNTED SIGN AND STORAGE	
				2									630	97700	2	EACH	SIGNING, MISC.:SOLAR-POWERED RECTANGULAR RAPID FLASHING BEACON (RRFB) SIGN ASSEMBLY	150

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER  
 BMG

REVIEWER  
 MAG 02/27/23

PROJECT ID  
 112019

SHEET TOTAL  
 12 | 222



**CHP-S. HIGH STREET**

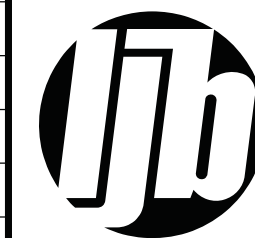
MODEL: Sheet PAPER: 34x22 (in.) DATE: 3/30/2023 TIME: 12:29:05 PM USER: bgressel  
 C:\City of Urbana\018055A.00 - South High Street\112019\400-Engineering\Roadway\Sheets\112019\_GS001.dgn

REF NO.	SHEET NO.	STATION TO STATION					202	202	202	202	202	202
							WALK REMOVED	CURB AND GUTTER REMOVED	PIPE REMOVED, 24" AND UNDER	PIPE REMOVED, OVER 24"	CATCH BASIN REMOVED	MANHOLE REMOVED
						SF	FT	FT	FT	EACH	EACH	
S. HIGH ST.												
R-1	29	3+34.29	LT/RT	TO	3+34.29	LT/RT			80			
R-2	29	6+08.83	LT	TO	6+12.33	LT		22				
R-3	29	6+36.33	LT	TO	6+39.79	LT	31	27				
R-4	30	11+87.78	RT	TO	16+02.05	RT			412	1		
R-5	31	16+02.05	LT/RT	TO	16+02.43	LT/RT			23	1		
R-6	31	16+02.05	RT	TO	16+51.18	RT			47	1		
R-7	31 - 32	16+51.18	RT	TO	22+12.01	RT			559	1		
R-8	32	22+11.82	LT/RT	TO	22+12.01	LT/RT			27	1		
R-9	32 - 34	22+12.01	RT	TO	28+72.70	RT			658	1		
R-10	34	28+72.70	RT	TO	29+17.00	RT			42	1		
R-11	34 - 35	29+17.00	RT	TO	33+77.97	RT			459	1		
R-12	35	33+77.97	RT	TO	34+24.71	RT			45	1		
R-13	35	34+24.71	RT	TO	35+79.32	RT			153	1		
R-14	35 - 36	35+79.32	RT	TO	39+10.93	RT				328	1	
R-15	36	38+77.48	RT	TO	39+10.93	RT			34	1		
R-16	36	38+79.90	LT	TO	39+10.93	LT			33	1		
R-17	36	38+90.03	RT	TO	38+94.92	RT	68					
R-18	36	39+10.93	RT	TO	41+75.25	RT					260	
R-19	36	39+23.66	RT	TO	39+28.56	RT	87	41				
R-20		NOT USED										
R-21	36 - 37	39+31.92	LT	TO	44+10.91	LT	1876	319				
R-22	36	39+94.35	RT	TO	39+97.47	RT	14					
R-23	36	41+63.80	LT	TO	41+75.25	RT			16	1		
R-24		NOT USED										
R-25		NOT USED										
R-26	36	41+72.55	RT	TO	41+75.25	RT			3	1		
R-27	36 - 37	41+75.25	RT	TO	44+02.65	RT			223		1	
R-28	36 - 37	41+88.61	RT	TO	44+17.69	RT	115	329				
R-29	37	43+39.99	RT	TO	43+50.79	LT			21	1		
R-30		NOT USED										
R-31	37	43+50.79	LT	TO	44+02.65	RT			51	1		
R-32	37	44+02.65	RT	TO	44+64.77	RT			58		1	
R-33	37	44+16.60	LT	TO	44+02.65	RT			30	1		
R-34	37	44+43.98	LT	TO	46+04.72	LT	824	173			1	
R-35	37	44+42.34	RT	TO	46+02.81	RT	848	201				
R-36	37	44+43.21	LT	TO	44+64.77	RT			34	1		
R-37	37	44+64.77	RT	TO	46+12.38	RT			58		1	
R-38	37	46+01.12	RT	TO	46+12.38	RT			10	1		
R-39	37	46+03.18	LT	TO	46+12.38	RT			15	1		
R-40		NOT USED										
R-41	37 - 38	46+12.38	RT	TO	48+24.38	RT			208		1	
R-42		NOT USED										
R-43	37	46+24.49	RT	TO	47+99.08	RT	924	239				
R-44	37 - 38	46+33.37	LT	TO	48+02.89	LT	759	155				
R-45		NOT USED										
R-46	37 - 38	47+95.13	LT	TO	48+24.38	RT			39	1		
R-47	38	48+20.21	LT	TO	49+85.67	LT	684	178				
R-48	38	48+24.38	RT	TO	48+46.19	RT			20	1		
R-49	38	48+24.38	RT	TO	50+18.97	RT			191		1	
R-50		NOT USED										
TOTALS CARRIED TO GENERAL SUMMARY							6230	1684	3549	588	22	8

REF NO.	SHEET NO.	STATION TO STATION					202	202	202	202	202	202	625	202
							WALK REMOVED	CURB AND GUTTER REMOVED	PIPE REMOVED, 24" AND UNDER	PIPE REMOVED, OVER 24"	CATCH BASIN REMOVED	MANHOLE REMOVED	LIGHT POLE REMOVED	FENCE REMOVED
						SF	FT	FT	FT	EACH	EACH	EACH	FT	
R-51	38	48+35.00	RT	TO	50+15.10	RT	837	74						
R-52	38	50+18.97	RT	TO	50+23.54	LT			12		1			
R-53	38	50+18.97	RT	TO	50+45.29	RT			24		1			
R-54	38	50+28.64	RT	TO	51+92.47	RT	881	78						
R-55	38 - 39	50+10.36	LT	TO	53+09.16	LT	1179	57						
R-56	38 - 39	52+33.02	RT	TO	53+48.60	RT	556	106						
R-57	39	53+34.34	LT	TO	54+22.90	LT	387							
R-58	39	53+65.01	RT	TO	54+10.00	RT	203	43						
R-59	39	54+24.25	RT	TO	55+97.91	RT	798	98						
R-60	39	55+75.87	LT	TO	55+97.59	LT	153	21						
R-61	29	6+42.34 LT											1	
R-62	108	48+27.18 RT										1		
R-63	108	48+36.96 RT									1			
R-64	108	48+24.38	RT	TO	48+38.27	RT			415					
R-65	36	41+88.95	RT	TO	42+28.23	RT								112
R-66	37	43+40.44	RT	TO	44+02.85	RT								77
TOTALS CARRIED TO GENERAL SUMMARY							4994	477	36	415	3	1	1	189

**ROADWAY SUBSUMMARY**

DESIGN AGENCY



DESIGNER

ARW

REVIEWER

BMG 02/27/23

PROJECT ID

112019

SHEET

14

TOTAL

222

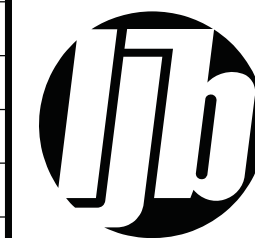
**CHP-S. HIGH STREET**

MODEL: Sheet PAPER: 34x22 (in.) DATE: 3/30/2023 TIME: 12:29:06 PM USER: bgressel  
 C:\City of Urbana\018055A.00 - South High Street\112019\400-Engineering\Roadway\Sheets\112019\_GS002.dgn

REF NO.	SHEET NO.	STATION TO STATION				609		609		609	
						CURB, TYPE 6		CURB, MISC.: TYPE 2 CURB AND GUTTER (CITY OF URBANA)		CURB, MISC.: TYPE 2 CURB AND GUTTER, AS PER PLAN (CITY OF URBANA)	
S. HIGH ST.											
C-1	28 - 29	0+13.03	LT	TO	4+57.75	LT		1029			
C-2	28 - 29	0+32.79	RT	TO	4+57.75	RT		429			
C-3	29	4+57.75	LT	TO	4+71.75	LT			14		
C-4	29	4+57.75	RT	TO	4+71.75	RT		14			
C-5	29 - 30	4+71.75	LT	TO	11+31.92	LT		660			
C-6	29 - 30	4+71.75	RT	TO	11+30.94	RT		665			
C-7	29	6+08.83	LT	TO	6+12.33	LT	29				
C-8	29	6+36.33	LT	TO	6+39.79	LT	29				
C-9	30	11+30.94	RT	TO	11+52.67	RT			43		
C-10	30	11+31.92	LT	TO	11+54.86	LT			37		
C-11	30	11+69.06	LT	TO	12+00.34	LT			43		
C-12	30	11+74.32	RT	TO	11+99.27	RT			43		
C-13	30 - 31	11+99.27	RT	TO	15+90.54	RT		391			
C-14	30 - 31	12+00.34	LT	TO	15+89.78	LT		395			
C-15	31	15+89.78	LT	TO	16+19.49	LT			44		
C-16	31	15+90.54	RT	TO	16+21.64	RT			42		
C-17	31	16+19.49	LT	TO	16+19.36	LT		5			
C-18	31	16+21.64	RT	TO	16+22.86	RT		19			
C-19	31	16+37.28	LT	TO	16+37.40	LT		4			
C-20	31	16+37.40	LT	TO	16+68.67	LT			44		
C-21	31	16+43.72	RT	TO	16+69.43	RT			38		
C-22	31 - 32	16+68.67	LT	TO	21+69.42	LT		501			
C-23	31 - 32	16+69.43	RT	TO	21+69.42	RT		503			
C-24	32	21+69.42	LT	TO	21+83.42	LT			14		
C-25	32	21+69.42	RT	TO	21+83.42	RT			14		
C-26	32 - 33	21+83.42	LT	TO	26+48.38	LT		471			
C-27	32 - 34	21+83.42	RT	TO	28+61.89	RT		682			
C-28	33	26+64.71	LT	TO	26+74.90	LT	65				
C-29	33	26+93.32	LT	TO	28+62.60	LT		177			
C-30		NOT USED									
C-31	34	28+61.89	RT	TO	28+82.69	RT			31		
C-32	34	28+62.60	LT	TO	28+82.60	LT			31		
C-33	34	28+82.69	RT	TO	28+83.83	RT		30			
C-34	34	28+82.60	LT	TO	28+77.85	LT		11			
C-35	34	29+01.78	RT	TO	29+01.59	RT		28			
C-36	34	29+01.59	RT	TO	29+24.68	RT			30		
C-37	34	29+13.41	LT	TO	29+06.99	LT		15			
C-38	34	29+06.99	LT	TO	29+25.40	LT			31		
C-39	34 - 35	29+24.68	RT	TO	33+70.61	RT		446			
C-40		NOT USED									
C-41	34 - 35	29+25.40	LT	TO	33+70.02	LT		986			
C-42	35	33+70.02	LT	TO	33+91.20	LT			34		
C-43	35	33+70.61	RT	TO	33+91.54	RT			29		
C-44	35	33+91.20	LT	TO	33+83.73	LT		17			
C-45	35	33+83.73	LT	TO	33+82.79	LT	17				
C-46	35	33+91.54	RT	TO	33+91.49	RT		9			
C-47	35	34+12.11	RT	TO	34+34.99	RT			32		
C-48	35	34+23.35	LT	TO	34+23.35	LT	15				
C-49	35	34+23.35	LT	TO	34+14.72	LT		18			
C-50		NOT USED									
TOTALS CARRIED TO GENERAL SUMMARY							155	7507	596		

REF NO.	SHEET NO.	STATION TO STATION				609		609		609		609	
						CURB, TYPE 6		CURB, MISC.: TYPE 2 CURB AND GUTTER (CITY OF URBANA)		CURB, MISC.: TYPE 2 CURB AND GUTTER, AS PER PLAN (CITY OF URBANA)		CURB, TYPE 7	
ROADWAY SUBSUMMARY													
C-51	35	34+14.72	LT	TO	34+34.39	LT				32			
C-52	35 - 36	34+34.39	LT	TO	38+78.97	LT		444					
C-53	35 - 36	34+34.99	RT	TO	38+78.97	RT		444					
C-54	36	38+78.97	LT	TO	39+01.71	LT				35			
C-55	36	38+78.97	RT	TO	38+97.90	RT				40			
C-56	36	38+97.90	RT	TO	38+97.15	RT		22					
C-57	36	39+17.59	RT	TO	39+18.39	RT		22					
C-58	36	39+18.39	RT	TO	39+43.21	RT				47			
C-59	36	39+20.92	LT	TO	39+43.21	LT				36			
C-60		NOT USED											
C-61	36 - 37	39+43.21	LT	TO	43+95.41	LT		453					
C-62	36 - 37	39+43.21	RT	TO	43.95.41	RT		452					
C-63	37	43+95.41	RT	TO	44+18.19	RT				36			
C-64	37	43+95.41	LT	TO	44+16.30	LT				36			
C-65	37	44+16.30	LT	TO	44+15.94	LT		50					
C-66	37	44+18.19	RT	TO	44+18.32	RT	20						
C-67	37	44+42.34	RT	TO	44+42.36	RT		20					
C-68	37	44+43.44	LT	TO	44+43.33	LT	32						
C-69	37	44+42.36	RT	TO	44+63.37	RT				36			
C-70	37	44+43.33	LT	TO	44+41.77	LT		18					
C-71	37	44+41.77	LT	TO	44+63.37	LT				34			
C-72	37	44+63.37	LT	TO	49+55.81	LT		492					
C-73	37	44+63.37	RT	TO	47+98.95	RT		343					
C-74	37	47+98.95	RT	TO	47+99.31	RT	51						
C-75	38	48+34.90	RT	TO	48+35.00	RT	51						
C-76	38	48+35.00	RT	TO	49+55.81	RT		128					
C-77	38	49+55.81	LT	TO	49+87.63	LT				45			
C-78	38	49+55.81	RT	TO	50+49.86	RT				95			
C-79	38	49+87.63	LT	TO	49+87.74	LT		2					
C-80		NOT USED											
C-81	38	50+08.86	LT	TO	50+08.85	LT		2					
C-82	38	50+08.86	LT	TO	50+49.86	LT				54			
C-83	38	50+49.86	RT	TO	51+93.31	RT		151					
C-84	38	50+49.86	LT	TO	55+98.96	LT		553					
C-85	38	51+93.31	RT	TO	51+93.76	RT	42						
C-86	38	52+33.23	RT	TO	52+33.19	RT	42						
C-87	38 - 39	52+33.19	RT	TO	56+00.10	RT		381					
C-88	39	55+50.24	LT	TO	55+74.33	LT				24			
C-89	115	48+36.94	RT	TO	48+49.84	RT	33						
TOTALS CARRIED TO GENERAL SUMMARY							272	3979	525	25			

DESIGN AGENCY



DESIGNER

ARW

REVIEWER

BMG 02/27/23

PROJECT ID

112019

SHEET

15

TOTAL

222

CHP-S. HIGH STREET

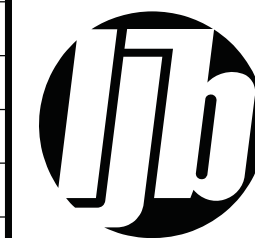
MODEL: Sheet PAPER: 34x22 (in.) DATE: 3/30/2023 TIME: 12:29:07 PM USER: bgressel  
 C:\City of Urbana\0118055A\_00 - South High Street\112019\400-Engineering\Roadway\Sheets\112019\_GS003.dgn

REF NO.	SHEET NO.	STATION TO STATION						608	608			
								4" CONCRETE WALK	4" CONCRETE WALK, AS PER PLAN			
							SF	SF				
S. HIGH ST.												
W-1	28	0+04.77	LT	TO	0+30.80	LT	158					
W-2	28 - 29	0+42.81	LT	TO	6+09.35	LT	2847					
W-3	28 - 29	0+58.11	RT	TO	8+40.73	RT	4351					
W-4	29	6+36.83	LT	TO	7+05.52	LT	375					
W-5	29 - 30	7+32.77	LT	TO	8+74.50	LT	688					
W-6	30	8+40.73	RT	TO	8+97.46	RT		316				
W-7	30	9+13.71	RT	TO	9+35.02	RT		97				
W-8	30	9+16.25	LT	TO	10+12.62	LT	468					
W-9	30	9+52.42	RT	TO	10+36.30	RT		436				
W-10	NOT USED											
W-11	30	10+74.02	LT	TO	11+40.00	LT	323					
W-12	30	10+81.91	RT	TO	10+95.65	RT		82				
W-13	30	10+95.65	RT	TO	11+36.79	RT	202					
W-14	30	11+36.79	RT	TO	11+46.54	RT	56					
W-15	30	11+78.37	LT	TO	11+88.87	LT	54					
W-16	30	11+81.48	RT	TO	11+91.52	RT	54					
W-17	30	11+92.22	RT	TO	12+69.11	RT	374					
W-18	30	11+92.68	LT	TO	12+15.54	LT	110					
W-19	30 - 31	12+33.59	LT	TO	13+14.29	LT		456				
W-20	NOT USED											
W-21	30 - 31	12+81.11	RT	TO	13+71.96	RT	442					
W-22	31	13+35.29	LT	TO	14+01.25	LT		336				
W-23	31	13+83.96	RT	TO	14+38.42	RT	260					
W-24	31	14+13.25	LT	TO	15+01.66	LT		462				
W-25	31	14+77.71	RT	TO	15+99.16	RT	599					
W-26	31	15+50.20	LT	TO	15+73.87	LT		132				
W-27	31	15+73.87	LT	TO	15+98.54	LT	123					
W-28	31	16+59.26	LT	TO	26+10.24	LT	4752					
W-29	31	16+61.83	RT	TO	16+87.72	RT	125					
W-30	NOT USED											
W-31	31	16+87.72	RT	TO	17+44.55	RT		315				
W-32	31	17+56.38	RT	TO	17+87.48	RT		146				
W-33	32	18+05.48	RT	TO	18+44.74	RT		191				
W-34	32	18+56.74	RT	TO	18+94.29	RT		182				
W-35	32	19+06.29	RT	TO	19+61.85	RT		281				
W-36	32	20+03.19	RT	TO	21+04.77	RT		529				
W-37	32	21+39.61	RT	TO	21+97.67	RT		296				
W-38	32 - 33	22+27.29	RT	TO	23+03.66	RT		395				
W-39	33	23+55.67	RT	TO	24+97.58	RT		728				
W-40	NOT USED											
W-41	33	25+15.16	RT	TO	25+46.75	RT		150				
W-42	33	25+63.82	RT	TO	26+06.24	RT		221				
W-43	33	26+20.24	LT	TO	26+37.82	LT		88				
W-44	33	26+35.15	RT	TO	26+60.57	RT		145				
W-45	33	26+60.57	RT	TO	27+04.97	RT	224					
W-46	33	27+14.90	RT	TO	27+77.26	RT	305					
W-47	33	27+16.71	LT	TO	28+69.63	LT	758					
W-48	33 - 34	27+91.27	RT	TO	28+67.31	RT	371					
W-49	34	28+71.93	LT	TO	28+77.23	LT	58					
W-50	NOT USED											
TOTALS CARRIED TO GENERAL SUMMARY							18077	5984				

REF NO.	SHEET NO.	STATION TO STATION						608	608			
								4" CONCRETE WALK	4" CONCRETE WALK, AS PER PLAN			
							SF	SF				
W-51	34	29+13.45	LT	TO	29+19.51	LT	65					
W-52	34	29+19.29	RT	TO	29+70.12	RT	244					
W-53	34	29+24.75	LT	TO	29+63.45	LT	195					
W-54	34	29+63.45	LT	TO	29+88.24	LT		140				
W-55	34	29+83.12	RT	TO	30+24.34	RT	194					
W-56	34	30+00.24	LT	TO	30+47.76	LT		237				
W-57	34	30+36.34	RT	TO	30+78.06	RT	196					
W-58	34	30+63.76	LT	TO	31+14.35	LT		254				
W-59	34	30+90.06	RT	TO	31+34.40	RT	209					
W-60	NOT USED											
W-61	34	31+29.27	LT	TO	32+14.88	LT		446				
W-62	34	31+46.40	RT	TO	31+88.26	RT	197					
W-63	34	32+00.26	RT	TO	32+42.60	RT	199					
W-64	34	32+26.88	LT	TO	32+72.64	LT		227				
W-65	34 - 35	32+54.61	RT	TO	33+74.54	RT	598					
W-66	35	33+10.19	LT	TO	33+61.52	LT		284				
W-67	35	33+61.52	LT	TO	33+71.51	LT	49					
W-68	35	33+77.80	LT	TO	33+83.41	LT	144					
W-69	35	34+21.06	LT	TO	34+26.91	LT	144					
W-70	NOT USED											
W-71	35	34+28.96	RT	TO	35+11.84	RT	405					
W-72	35	34+29.97	LT	TO	35+27.51	LT	478					
W-73	35	35+30.34	RT	TO	36+48.58	RT	579					
W-74	35 - 36	35+39.63	LT	TO	38+83.97	LT	1711					
W-75	35	36+63.58	RT	TO	37+38.27	RT	361					
W-76	35 - 36	37+53.52	RT	TO	38+78.28	RT	590					
W-77	36	38+89.64	RT	TO	38+94.61	RT	5					
W-78	36	39+23.66	RT	TO	39+27.82	RT	4					
W-79	36	39+38.21	LT	TO	41+72.97	LT	1172					
W-80	NOT USED											
W-81	36	39+42.21	RT	TO	41+73.64	RT	1141					
W-82	36	41+85.54	RT	TO	42+91.44	RT	512					
W-83	36	41+84.98	LT	TO	42+67.33	LT	399					
W-84	36 - 37	42+79.33	LT	TO	44+00.41	LT	599					
W-85	37	43.19.69	RT	TO	43+96.31	RT	371					
W-86	37	44+07.16	LT	TO	44+10.91	LT	13					
W-87	37	44+62.37	RT	TO	46+04.67	RT	703					
W-88	37	44+62.93	LT	TO	46+05.45	LT	703					
W-89	37	46+22.67	RT	TO	47+72.45	RT	739					
W-90	NOT USED											
W-91	37	46+29.84	LT	TO	47+72.49	LT	706					
W-92	37 - 38	47+90.49	LT	TO	48+04.98	LT	64					
W-93	38	48+18.84	LT	TO	48+43.55	LT	115					
W-94	38	48+35.40	RT	TO	48+40.78	RT	240					
W-95	38	48+61.50	RT	TO	49+55.81	RT	472					
W-96	38	48+61.55	LT	TO	49+55.81	LT	471					
W-97	38	50+49.86	LT	TO	51+66.81	LT	585					
W-98	38	50+49.86	RT	TO	51+66.81	RT	585					
W-99	38	51+84.81	LT	TO	52+07.56	LT	105					
W-100	NOT USED											
TOTALS CARRIED TO GENERAL SUMMARY							16261	1588				

ROADWAY SUBSUMMARY

DESIGN AGENCY



DESIGNER

ARW

REVIEWER

BMG 02/27/23

PROJECT ID

112019

SHEET

16

TOTAL

222



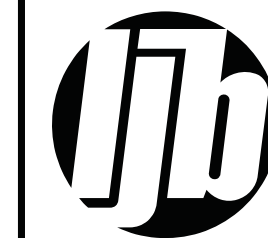
**CHP-S. HIGH STREET**

MODEL: Sheet PAPER: 34x22 (in.) DATE: 3/30/2023 TIME: 12:29:07 PM USER: bgressel  
 C:\City of Urbana\0118055A.00 - South High Street\112019\400-Engineering\Roadway\Sheets\112019\_GS004.dgn

REF NO.	SHEET NO.	STATION TO STATION					608	608				
							4" CONCRETE WALK	4" CONCRETE WALK, AS PER PLAN				
						SF	SF					
W-101	38	52+20.06	LT	TO	52+41.69	LT	99					
W-102	38	52+37.61	RT	TO	52+44.46	RT	27					
W-103	38 - 39	52+59.69	LT	TO	53+08.81	LT	237					
W-104	38 - 39	52+59.73	RT	TO	53+54.59	RT	466					
W-105	39	53+32.77	LT	TO	54+06.06	LT	347					
W-106	39	53+66.45	RT	TO	54+11.07	RT	205					
W-107	39	54+19.99	LT	TO	54+40.59	LT	86					
W-108	39	54+52.59	LT	TO	55+74.33	LT	600					
W-109	39	54+66.64	RT	TO	55+74.64	RT	532					
W-110	30	10+38.62	LT	TO	10+54.00	LT	65					
W-111	30	10+54.80	RT	TO	10+67.96	RT		47				
W-112	31	14+55.01	RT	TO	14+65.81	RT	42					
W-113	31	15+13.66	LT	TO	15+26.17	LT		44				
W-114	32	19+74.89	RT	TO	19+86.19	RT		38				
W-115	33	23+22.25	RT	TO	23+36.17	RT		52				
W-116	34	32+84.62	LT	TO	32+98.18	LT		50				
W-117	38	49+89.78	RT	TO	50+01.22	RT	45					
W-118	39	54+23.35	RT	TO	54+40.14	RT	68					
W-119	115	48+43.27	RT	TO	48+48.03	RT	71					
TOTALS CARRIED TO GENERAL SUMMARY							2891	232				

**ROADWAY SUBSUMMARY**

DESIGN AGENCY



DESIGNER

ARW

REVIEWER

BMG 02/27/23

PROJECT ID

112019

SHEET

17

TOTAL

222



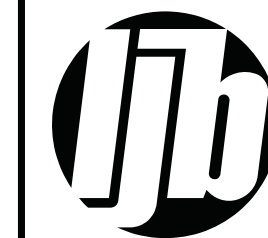
**CHP-S. HIGH STREET**

MODEL: Sheet PAPER: 34x22 (in.) DATE: 3/30/2023 TIME: 12:29:08 PM USER: bgressel  
 C:\City of Urbana\0118055A.00 - South High Street\112019\400-Engineering\Roadway\Sheets\112019\_GS006.dgn

DRIVE TYPE	SHEET NO.	STATION TO STATION	202	203		304	304		441	452			
			PAVEMENT REMOVED SY	EXCAVATION CY		AGGREGATE BASE (T=4") CY	AGGREGATE BASE (T=8") CY		ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 CY	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P SY			
S. HIGH ST. (DRIVEWAYS)													
ASPH.		6+24.33 LT	121			13			8				
ASPH.		7+23.16 LT	111			11			7				
GRAVEL		8+96.25 LT		21			17			47			
ASPH.		9+05.21 RT	59			5			3	13			
CONC.		9+45.68 RT	35							40			
ASPH.		10+25.12 LT	106			8			5	31			
CONC.		10+45.55 RT	35							42			
CONC.		10+64.02 LT	59							58			
CONC.		10+74.91 RT	42							48			
ASPH.		12+23.32 LT	36			2			1	20			
			0										
ASPH.		12+75.11 RT	39			3			3	17			
GRAVEL		13+20.29 LT		3			5			15			
ASPH.		13+77.96 RT	41							43			
GRAVEL		14+15.75 LT		5			4			10			
ASPH.		14+46.67 RT	70							70			
GRAVEL		14+71.81 RT		6			8			17			
GRAVEL		15+07.66 LT		6			7			10			
ASPH.		15+38.17 LT	74							71			
GRAVEL		17+51.13 RT		5			7			10			
ASPH.		17+96.48 RT	42			3			3	14			
ASPH.		18+50.74 RT	21			1			1	10			
ASPH.		19+00.79 RT	27			2			1	10			
ASPH.		19+68.35 RT	35			3			1	11			
ASPH.		19+94.69 RT	40			3			1	13			
ASPH.		21+13.27 RT	41			3			3	13			
ASPH.		21+32.35 RT	8							10			
CONC.		22+03.67 RT	19							28			
CONC.		22+21.29 RT	23							29			
ASPH.		23+12.91 RT	46			3			3	14			
ASPH.		23+45.92 RT	86			7			5	15			
CONC.		25+06.34 RT	74							73			
CONC.		25+55.29 RT	67							66			
CONC.		26+29.15 RT	19							22			
CONC.		27+83.69 RT	26							34			
CONC.		29+76.62 RT	39							42			
DIRT		29+94.24 LT		4			3			10			
GRAVEL		30+30.34 RT		5			4			17			
DIRT		30+53.76 LT		6			5			13			
ASPH.		30+84.06 RT	34			2			1	17			
ASPH.		31+30.17 LT	35			3			1	12			
CONC.		31+40.40 RT	35							41			
										0			
DIRT		31+94.26 RT		4			3			17			
GRAVEL		32+20.88 LT		4			5			10			
CONC.		32+48.61 RT	21							31			
GRAVEL		32+78.64 LT		4			4			10			
GRAVEL		33+04.19 LT		4			4			10			
CONC.		35+21.09 RT	80							86			
DIRT		35+36.52 LT		5			54			17			
ASPH.		36+56.08 RT	67			7			4	20			
ASPH.		40+05.61 RT	32			4			1	20			
ASPH.		41+79.74 LT	37			5			1	17			
TOTALS CARRIED TO GENERAL SUMMARY			1782	82		218			55	1314			

**DRIVEWAY SUBSUMMARY**

DESIGN AGENCY



DESIGNER

ARW

REVIEWER

BMG 02/27/23

PROJECT ID

112019

SHEET

19

TOTAL

222

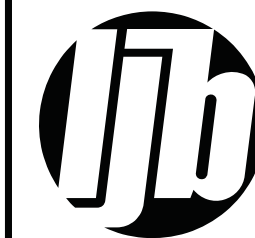
**CTY-RTE-SECTION**

MODEL: Sheet PAPER: 34x22 (in.) DATE: 3/30/2023 TIME: 12:26:09 PM USER: bgressel  
 C:\City of Urbana\0118055A.00 - South High Street\112019\400-Engineering\Roadway\Sheets\112019\_GS007.dgn

DRIVE TYPE	SHEET NO.	STATION TO STATION	202	203		304	304		441	452
			PAVEMENT REMOVED	EXCAVATION		AGGREGATE BASE (T=4")	AGGREGATE BASE (T=8")		ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
			SY	CY		CY	CY		CY	SY
ASPH.		41+80.07 RT	33			2			1	11
DIRT		42+73.33 LT		7			7			17
CONC.		43+08.69 RT	125							119
ASPH.		46+13.67 RT	56			4			3	16
ASPH.		46+16.84 LT	47			7			5	21
GRAVEL		48+11.93 LT		7			5			13
ASPH.		49+82.81 RT	24			2			1	13
GRAVEL		50+07.22 RT		4			1			12
ASPH.		50+22.86 RT	25			1			1	11
ASPH.		52+14.29 LT	33			2			1	12
GRAVEL		53+19.57 LT		10			7			21
ASPH.		53+60.59 RT	22			1			17	12
BRICK		54+11.65 LT	65							63
ASPH.		54+16.22 RT	29			3			1	12
ASPH.		54+46.59 LT	59			6			28	12
CONC.		54+53.64 RT	133							133
TOTALS CARRIED TO GENERAL SUMMARY			651	28		46			60	498

**DRIVEWAY SUBSUMMARY**

DESIGN AGENCY



DESIGNER

ARW

REVIEWER

BMG 02/27/23

PROJECT ID

112019

SHEET


20

TOTAL

222


REF NO.	SHEET NO.	STATION TO STATION						602	611	611	611	611	611	611	611	611	611	611	611	895	895	611	611						
								CONCRETE MASONRY	12" CONDUIT, TYPE B	15" CONDUIT, TYPE B	18" CONDUIT, TYPE B	24" CONDUIT, TYPE B	27" CONDUIT, TYPE B	30" CONDUIT, TYPE B	36" CONDUIT, TYPE B	42" CONDUIT, TYPE B	72" CONDUIT, TYPE B	24" X 38" CONDUIT, TYPE B, 706.04	CATCH BASIN, NO. 3A, AS PER PLAN: CITY OF URBANA, TYPE 1	CATCH BASIN, NO. 2-2B	MANHOLE, NO. 3	MANHOLE, NO. 3 (72")	MANHOLE, NO. 3 WITH 108" BASE I.D. AND 12" WEIR	MANUFACTURED WATER QUALITY STRUCTURE, TYPE 2	MANUFACTURED WATER QUALITY STRUCTURE, TYPE 4	12" CONDUIT, TYPE C	14" X 23" CONDUIT, TYPE B, 706.04		
							CY	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	FT	FT		
D-1	29	3+34.18	LT	TO	3+34.00	LT	0.44																						
D-2	29	3+34.40	RT	TO	3+34.18	LT	0.44																						
D-3	29	3+75.00	LT	TO	3+34.18	LT																							
D-4	29	3+75.00	LT	TO	3+75.00	LT																							
D-5	29	4+28.00	RT	TO	4+28.00	LT		17																					
D-6	29	4+28.00	LT	TO	4+28.00	LT																							
D-7	29	4+28.00	LT	TO	3+75.00	LT																							
D-8	29	4+73.50	RT	TO	4+76.50	LT																							
D-9	29	4+73.50	LT	TO	4+76.50	LT																							
D-10		NOT USED																											
D-11	29	4+76.50	LT	TO	4+28.00	LT																							
D-12	29	6+75.00	RT	TO	6+75.00	LT																							
D-13	29	6+75.00	LT	TO	6+75.00	LT																							
D-14	29	6+75.00	LT	TO	4+76.50	LT																							
D-15	30	11+24.85	LT	TO	11+29.01	LT																							
D-16	30	11+29.01	RT	TO	11+26.00	LT																							
D-17	30	11+29.01	LT	TO	11+26.00	LT																							
D-18	30	11+26.00	LT	TO	12+04.50	LT																							
D-19	30	11+44.75	RT	TO	11+48.59	RT																							
D-20	30	9+78.00	LT	TO	9+79.84	LT																							
D-21	30	11+48.59	RT	TO	11+79.93	RT																							
D-22	30	11+49.69	LT	TO	11+77.68	LT																							
D-23	30	11+77.68	LT	TO	12+01.76	LT																							
D-24	30	11+79.93	RT	TO	12+00.69	RT																							
D-25	30	11+80.00	RT	TO	11+79.93	RT																							
D-26	30	12+00.69	RT	TO	12+04.50	LT																							
D-27	30	12+01.76	LT	TO	12+04.50	LT																							
D-28	30 - 31	12+04.50	LT	TO	14+24.00	LT																							
D-29	31	13+65.00	RT	TO	14+24.00	RT																							
D-30		NOT USED																											
D-31	31	14+24.00	RT	TO	14+24.00	LT																							
D-32	31	14+24.00	LT	TO	14+60.37	LT																							
D-33	31	14+60.37	RT	TO	14+60.37	LT																							
D-34	31	14+60.37	LT	TO	15+05.00	LT																							
D-35	31	15+05.00	RT	TO	15+05.00	LT																							
D-36	31	15+05.00	LT	TO	15+58.00	LT																							
D-37	31	15+58.00	RT	TO	15+58.00	LT																							
D-38	31	15+58.00	LT	TO	15+58.00	LT																							
D-39	31	15+58.00	LT	TO	16+18.00	LT																							
D-40		NOT USED																											
D-41	31	16+07.50	RT	TO	16+12.23	RT																							
D-42	31	16+12.23	RT	TO	16+18.00	LT																							
D-43	31	16+18.00	LT	TO	16+75.00	LT																							
D-44	31	16+12.96	LT	TO	16+18.00	LT																							
D-45	31	16+18.00	RT	TO	16+07.50	RT																							
<b>TOTALS CARRIED TO GENERAL SUMMARY</b>							1	732	95	71	354	117																	

**DRAINAGE SUBSUMMARY**

DESIGN AGENCY	
DESIGNER	
REVIEWER	BMG 02/27/23
PROJECT ID	112019
SHEET TOTAL	21   222


REF NO.	SHEET NO.	STATION TO STATION					602	611	611	611	611	611	611	611	611	611	611	611	611	895	895	611	611			
							CONCRETE MASONRY	12" CONDUIT, TYPE B	15" CONDUIT, TYPE B	18" CONDUIT, TYPE B	24" CONDUIT, TYPE B	27" CONDUIT, TYPE B	30" CONDUIT, TYPE B	36" CONDUIT, TYPE B	42" CONDUIT, TYPE B	72" CONDUIT, TYPE B	24" X 38" CONDUIT, TYPE B, 706.04	CATCH BASIN, NO. 3A, AS PER PLAN: CITY OF URBANA, TYPE 1	CATCH BASIN, NO. 2-2B	MANHOLE, NO. 3	MANHOLE, NO. 3 (72")	MANHOLE, NO. 3 WITH 108" BASE I.D. AND 12" WEIR	MANUFACTURED WATER QUALITY STRUCTURE, TYPE 2	MANUFACTURED WATER QUALITY STRUCTURE, TYPE 4	CATCH BASIN, NO. 6	MANHOLE, NO. 3 (60")
						CY	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	EACH	EACH	EACH	EACH	EACH	EACH		
D-46	31	16+43.38	LT	TO	16+71.36	LT		28																		
D-47	31	16+52.08	RT	TO	16+57.00	RT		7																		
D-48	31	16+52.75	RT	TO	16+57.00	RT		15																		
D-49	31	16+57.00	RT	TO	16+72.24	RT		19																		
D-50		NOT USED																								
D-51	31	16+71.36	LT	TO	16+75.00	LT		7																		
D-52	31	16+72.24	RT	TO	16+75.00	LT		17																		
D-53	31	16+75.00	LT	TO	17+75.00	LT							100													
D-54	31 - 32	17+75.00	LT	TO	18+41.00	LT							66													
D-55	31	17+75.00	LT	TO	17+75.00	LT							46													
D-56	32	18+41.00	LT	TO	18+41.00	LT		7																		
D-57	32	18+41.00	LT	TO	19+20.00	LT																				
D-58	32	19+20.00	LT	TO	19+20.00	LT		7																		
D-59	32	19+20.00	LT	TO	20+22.07	LT																				
D-60		NOT USED																								
D-61	32	19+85.00	RT	TO	20+22.00	RT		37																		
D-62	32	19+85.00	LT	TO	20+22.07	LT		37																		
D-63	32	20+22.00	RT	TO	20+22.07	LT		25																		
D-64	32	20+22.07	LT	TO	20+22.07	LT		7																		
D-65	32	20+22.07	LT	TO	21+65.00	LT																				
D-66	32	21+68.00	RT	TO	21+65.00	LT		25																		
D-67	32	21+68.00	LT	TO	21+65.00	LT		7																		
D-68	32	21+65.00	LT	TO	22+58.00	LT																				
D-69	32	22+58.00	RT	TO	22+58.00	LT		25																		
D-70		NOT USED																								
D-71	32	22+58.00	LT	TO	22+58.00	LT		7																		
D-72	32 - 33	22+58.00	LT	TO	23+15.00	LT																				
D-73	33	23+15.00	LT	TO	23+15.00	LT		7																		
D-74	33	23+15.00	LT	TO	26+07.00	LT																				
D-75	33	25+32.00	RT	TO	26+03.00	RT		71																		
D-76	33	26+03.00	RT	TO	26+07.00	LT		25																		
D-77	33	26+07.00	LT	TO	26+07.00	LT		7																		
D-78	33	26+07.00	LT	TO	27+62.01	LT																				
D-79	33	27+62.01	RT	TO	27+62.01	RT		14																		
D-80		NOT USED																								
D-81	33	27+62.01	RT	TO	27+62.01	LT		17																		
D-82	33 - 34	27+62.01	LT	TO	28+58.00	LT																				
D-83	34	28+60.42	RT	TO	28+58.00	LT		17																		
D-84	34	28+61.24	LT	TO	28+58.00	LT		7																		
D-85	34	28+58.00	LT	TO	28+89.25	LT																				
D-86	34	28+81.28	RT	TO	28+89.25	LT		38																		
D-87	34	28+80.35	LT	TO	28+89.25	LT		29																		
D-88	34	28+89.25	LT	TO	30+70.00	LT																				
D-89	34	29+02.72	RT	TO	28+81.28	RT		22																		
D-90		NOT USED																								
<b>TOTALS CARRIED TO GENERAL SUMMARY</b>								531					212	474	755					23	2	7	1	1	1	5

DRAINAGE SUBSUMMARY

DESIGN AGENCY  
  
 DESIGNER: SJM  
 REVIEWER: BMG 02/27/23  
 PROJECT ID: 112019  
 SHEET: 22 TOTAL: 222

REF NO.	SHEET NO.	STATION TO STATION					602	611	611	611	611	611	611	611	611	611	611	611	611	895	895	611				
							CONCRETE MASONRY	12" CONDUIT, TYPE B	15" CONDUIT, TYPE B	18" CONDUIT, TYPE B	24" CONDUIT, TYPE B	27" CONDUIT, TYPE B	30" CONDUIT, TYPE B	36" CONDUIT, TYPE B	42" CONDUIT, TYPE B	72" CONDUIT, TYPE B	24" X 38" CONDUIT, TYPE B, 706.04	CATCH BASIN, NO. 3A, AS PER PLAN: CITY OF URBANA, TYPE 1	CATCH BASIN, NO. 2-2B	MANHOLE, NO. 3	MANHOLE, NO. 3 (72")	MANHOLE, NO. 3 WITH 108" BASE I.D. AND 12" WEIR	MANUFACTURED WATER QUALITY STRUCTURE, TYPE 2	MANUFACTURED WATER QUALITY STRUCTURE, TYPE 4	MANHOLE, NO. 3 (60")	
						CY	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH			
D-91	34	29+09.32	LT	TO	28+80.35	LT		29									1									
D-92	34	30+65.00	RT	TO	30+70.00	LT		23									1									
D-93	34	30+75.00	LT	TO	30+70.00	LT		10									1									
D-94	34	30+70.00	LT	TO	31+42.00	LT							72										1			
D-95	34	31+24.00	RT	TO	31+45.00	RT		22									1									
D-96	34	31+42.00	LT	TO	31+42.00	LT		9									1									
D-97	34	31+42.00	LT	TO	31+45.00	RT						16											1			
D-98	34 - 35	31+45.00	RT	TO	33+90.05	RT							245					1								
D-99	35	33+40.00	RT	TO	33+90.09	RT		50									1									
D-100		NOT USED																								
D-101	35	33+90.09	RT	TO	33+90.05	RT		25									1									
D-102	35	33+90.05	RT	TO	35+79.32	RT							190						1							
D-103	35	34+18.00	RT	TO	33+90.09	RT		31									1									
D-104	35	35+79.32	RT	TO	36+07.00	RT					6		28						1							
D-105	35	36+07.00	RT	TO	36+07.00	RT		7									1									
D-106	35	36+07.00	LT	TO	36+07.00	RT		17									1									
D-107	35	36+07.00	RT	TO	36+96.00	RT							89						1							
D-108	35	36+96.00	RT	TO	36+96.00	RT		7									1									
D-109	35	36+96.00	LT	TO	36+96.00	RT		17									1									
D-110		NOT USED																								
D-111	35 - 36	36+96.00	RT	TO	39+40.00	RT							244						1							
D-112	36	38+97.23	LT	TO	39+26.23	LT		29									1									
D-113	36	39+26.23	LT	TO	39+31.00	LT		15									1									
D-114	36	39+31.00	LT	TO	39+26.29	LT		7											1							
D-115	36	39+26.29	LT	TO	39+40.00	RT		25									1			1						
D-116	36	39+40.00	RT	TO	41+52.00	RT							212						1							
D-117	36	41+52.00	RT	TO	41+52.00	RT		6									1									
D-118	36	41+52.00	LT	TO	41+52.00	RT		17									1									
D-119	36	41+52.00	RT	TO	42+20.00	RT							68						1							
D-120		NOT USED																								
D-121	36	42+20.00	RT	TO	42+20.00	RT		6									1									
D-122	36	42+20.16	LT	TO	42+20.00	RT		17									1									
D-123	36 - 37	42+20.00	RT	TO	43+34.00	RT							114						1							
D-124	36	42+58.00	LT	TO	42+20.16	LT		38									1									
D-125	37	43+34.00	RT	TO	43+34.00	RT		6									1									
D-126	37	43+34.00	LT	TO	43+34.00	RT		17									1									
D-127	37	43+34.00	RT	TO	44+64.00	RT							130						1							
D-128	37	44+16.29	LT	TO	44+43.28	LT		27									1									
D-129	37	44+43.28	LT	TO	44+64.00	RT		44									1									
D-130	37	44+64.00	RT	TO	44+65.00	RT		8									1									
D-131	37	44+64.00	RT	TO	45+90.00	RT							126						1							
D-132	37	45+90.00	LT	TO	45+90.00	RT		18									1									
D-133	37	45+90.00	RT	TO	47+25.00	RT							135						1							
D-134	37	46+71.00	RT	TO	47+25.00	RT		54									1									
D-135	37	46+71.00	LT	TO	47+25.00	LT		11									1									
TOTALS CARRIED TO GENERAL SUMMARY								592					6	88	1581			24	4	1	11			2		

DRAINAGE SUBSUMMARY

DESIGN AGENCY  
  
 DESIGNER: SJM  
 REVIEWER: BMG 02/27/23  
 PROJECT ID: 112019  
 SHEET: 23 TOTAL: 222





**CHP-S. HIGH STREET**

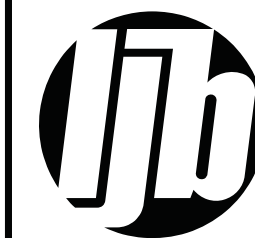
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REF NO.	SHEET NO.	STATION TO STATION						605		611		BENDS AND BRANCHES	
								6" BASE PIPE UNDERDRAINS	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	FOR INFORMATION ONLY		6" X45 <sup>A</sup> BEND	6" X90 <sup>A</sup> BEND
										FT	FT		
UD-1	116 - 117	0+14.49	LT	TO	3+34.20	RT	319	10			1		
UD-2	116 - 117	0+35.03	RT	TO	3+34.20	RT	302	10			1		
UD-3	117	3+37.66	LT	TO	3+75.00	LT	31	10			1		
UD-4	117	3+37.34	RT	TO	4+26.25	RT	79	10					
UD-5	117	3+77.41	LT	TO	4+26.25	LT	39	10					
UD-6	117	4+29.75	RT	TO	4+70.36	RT	31	10					
UD-7	117	4+29.75	LT	TO	4+69.95	LT	31	10					
UD-8	117	4+75.25	RT	TO	6+71.83	RT	187	10					
UD-9	117	4+75.25	LT	TO	6+71.64	LT	187	10					
UD-10		NOT USED											
UD-11	117 - 118	6+76.75	RT	TO	9+74.00	RT	291	10			2		
UD-12	117 - 118	6+76.75	LT	TO	9+74.00	LT	288	10					
UD-13	118	9+78.00	RT	TO	11+27.20	RT	143	10			2		
UD-14	118	9+78.00	LT	TO	11+27.30	LT	140	10					
UD-15	118	11+30.80	LT	TO	11+47.66	LT	8	10					
UD-16	118	11+50.14	LT	TO	11+52.36	LT	7	10					
UD-17	118	11+71.56	LT	TO	11+77.17	LT	6	10					
UD-18	118	11+79.68	LT	TO	12+00.06	LT	12	10					
UD-19	118	11+76.82	RT	TO	11+79.85	RT	8	10					
UD-20		NOT USED											
UD-21	118	11+81.75	RT	TO	11+94.41	RT	6	10					
UD-22	118	12+02.39	RT	TO	12+71.58	RT	60	10					
UD-23	118	12+03.77	LT	TO	12+72.07	LT	62	10			2		
UD-24	118 - 119	12+75.29	RT	TO	13+63.25	RT	78	10					
UD-25	118 - 119	12+75.98	LT	TO	15+56.25	LT	271	10					
UD-26	119	13+71.13	RT	TO	14+22.25	RT	42	10					
UD-27	119	14+64.07	RT	TO	15+03.25	RT	30	10					
UD-28	119	15+06.75	RT	TO	15+56.29	RT	40	10					
UD-29	119	15+59.79	RT	TO	16+10.21	RT	42	10					
UD-30		NOT USED											
UD-31	119	15+59.75	LT	TO	16+10.88	LT	45	10			2		
UD-32	119	16+12.84	RT	TO	16+20.36	RT	26	10					
UD-33	119	16+13.65	LT	TO	16+16.86	LT	13	10					
UD-34	119	16+39.78	LT	TO	16+42.87	LT	10	10					
UD-35	119	16+45.43	LT	TO	16+69.57	LT	15	10					
UD-36	119	16+46.22	RT	TO	16+51.60	RT	7	10					
UD-37	119	16+54.07	RT	TO	16+70.53	RT	8	10					
UD-38	119	16+74.03	RT	TO	17+61.79	RT	81	10			2		
UD-39	119	16+73.07	LT	TO	17+61.79	LT	79	10					
UD-40		NOT USED											
UD-41	119 - 120	17+65.05	RT	TO	19+82.83	RT	208	10					
UD-42	119 - 120	17+65.05	LT	TO	18+39.25	LT	65	10					
UD-43	120	18+43.92	LT	TO	19+18.25	LT	65	10					
UD-44	120	19+22.79	LT	TO	19+83.25	LT	51	10					
UD-45	120	19+87.17	RT	TO	20+20.25	RT	24	10					
TOTALS CARRIED TO GENERAL SUMMARY							3437	410					

REF NO.	SHEET NO.	STATION TO STATION						605		611		BENDS AND BRANCHES	
								6" BASE PIPE UNDERDRAINS	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	FOR INFORMATION ONLY		6" X45 <sup>A</sup> BEND	6" X90 <sup>A</sup> BEND
										FT	FT		
UD-46	120	19+86.75	LT	TO	20+20.32	LT	24	10					
UD-47	120	20+23.75	RT	TO	21+07.99	RT	75	10					
UD-48	120	20+23.82	LT	TO	21+07.99	LT	75	10					
UD-49	120	21+12.11	RT	TO	21+66.25	RT	45	10					
UD-50		NOT USED											
UD-51	120	21+13.71	LT	TO	21+66.25	LT	43	10					
UD-52	120	21+73.60	RT	TO	22+56.25	RT	73	10					
UD-53	120	21+72.94	LT	TO	22+56.25	LT	74	10					
UD-54	120 - 121	22+59.75	RT	TO	24+40.24	RT	171	10					
UD-55	120 - 121	22+59.75	LT	TO	23+11.25	LT	42	10					
UD-56	121	23+16.75	LT	TO	24+40.39	LT	114	10					
UD-57	121	24+46.98	LT	TO	26+05.25	LT	149	10					
UD-58	121	24+50.10	RT	TO	25+30.25	RT	71	10					
UD-59	121	25+34.86	RT	TO	26+01.25	RT	57	10					
UD-60		NOT USED											
UD-61	121	26+05.63	RT	TO	27+60.25	RT	148	10			2		
UD-62	121 - 122	26+95.72	LT	TO	28+59.53	LT	163	10					
UD-63	121 - 122	27+65.03	RT	TO	28+58.63	RT	84	10					
UD-64	122	28+63.82	RT	TO	28+80.20	RT	18	10					
UD-65	122	28+64.14	LT	TO	28+80.63	LT	18	10					
UD-66	122	28+80.34	RT	TO	28+81.33	RT	16	10					
UD-67	122	29+03.51	RT	TO	29+04.28	RT	15	10					
UD-68	122	29+04.45	RT	TO	30+63.25	RT	156	10					
UD-69	122	29+08.86	LT	TO	30+73.25	LT	172	10			2		
UD-70		NOT USED											
UD-71	122	30+67.95	RT	TO	31+22.25	RT	45	10					
UD-72	122	30+78.85	LT	TO	31+40.25	LT	52	10					
UD-73	122 - 123	31+25.75	RT	TO	33+89.00	RT	262	10					
UD-74	122 - 123	31+43.75	LT	TO	33+69.94	LT	220	10			2		
UD-75	123	34+23.60	RT	TO	36+05.25	RT	172	10					
UD-76	123	34+23.69	LT	TO	36+05.25	LT	172	10					
UD-77	123	36+11.16	RT	TO	36+94.25	RT	73	10					
UD-78	123	36+11.23	LT	TO	36+94.25	LT	73	10					
UD-79	123 - 124	36+97.75	RT	TO	38+78.97	RT	172	10					
UD-80		NOT USED											
UD-81	123 - 124	36+97.75	LT	TO	38+99.21	LT	205	10					
UD-82	124	39+23.42	LT	TO	39+25.83	LT	6	10					
UD-83	124	39+28.35	LT	TO	41+50.25	LT	213	10					
UD-84	124	39+43.21	RT	TO	41+50.25	RT	197	10					
UD-85	124	41+55.03	RT	TO	42+18.25	RT	54	10					
UD-86	124	41+54.78	LT	TO	42+18.42	LT	54	10					
UD-87	124 - 125	42+21.75	RT	TO	43+32.25	RT	101	10					
UD-88	124	42+21.92	LT	TO	42+56.25	LT	25	10					
UD-89	124 - 125	42+59.75	LT	TO	43+32.25	LT	63	10					
UD-90		NOT USED											
TOTALS CARRIED TO GENERAL SUMMARY							3962	400					

**DRAINAGE SUBSUMMARY**

DESIGN AGENCY



DESIGNER

SJM

REVIEWER

BMG 02/27/23

PROJECT ID

112019

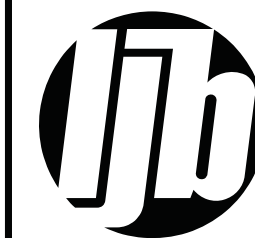
SHEET TOTAL

25 | 222

REF NO.	SHEET NO.	STATION TO STATION						605		611		BENDS AND BRANCHES	
								6" BASE PIPE UNDERDRAINS	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	FOR INFORMATION ONLY		6"X45" BEND	6"X90" BEND
										FT	FT		
UD-91	125	43+35.75	RT	TO	44+02.85	RT	58	10					
UD-92	125	43+35.75	LT	TO	44+15.31	LT	84	10					
UD-93	125	44+14.94	LT	TO	44+15.28	LT	37	10					
UD-94	125	44+44.28	LT	TO	44+44.44	LT	36	10					
UD-95	125	44+86.02	LT	TO	45+88.25	LT	93	10					
UD-96	125	44+86.02	RT	TO	46+69.27	RT	174	10					
UD-97	125	45+93.47	LT	TO	46+69.24	LT	66	10					
UD-98	125	46+73.61	RT	TO	47+23.24	RT	40	10					
UD-99	125	46+73.94	LT	TO	47+23.26	LT	40	10					
UD-100		NOT USED											
UD-101	125	47+26.74	RT	TO	47+90.67	RT	55	10					
UD-102	125	47+26.76	LT	TO	47+71.25	LT	35	10					
UD-103	125 -126	47+74.75	LT	TO	48+62.06	LT	78	10					
UD-104	126	48+66.74	RT	TO	50+48.16	RT	172	10					
UD-105	126	48+66.76	LT	TO	49+85.24	LT	125	10					
UD-106	126	50+11.36	LT	TO	50+12.10	LT	5	10					
UD-107	126	50+13.75	LT	TO	50+48.46	LT	27	10					
UD-108	126	50+53.35	RT	TO	51+82.43	RT	120	10					
UD-109	126	50+53.36	LT	TO	51+05.29	LT	42	10					
UD-110		NOT USED											
UD-111	126	51+09.75	LT	TO	52+09.56	LT	90	10					
UD-112	126	52+14.72	LT	TO	52+88.25	LT	64	10					
UD-113	126 -127	52+44.13	RT	TO	53+88.25	RT	135	10					
UD-114	126 -127	52+94.14	LT	TO	53+88.25	LT	85	10					
TOTALS CARRIED TO GENERAL SUMMARY							1661	220					

DRAINAGE SUBSUMMARY

DESIGN AGENCY



DESIGNER

SJM

REVIEWER

BMG 02/27/23

PROJECT ID

112019

SHEET

26

TOTAL

222

**PROJECT DESCRIPTION**

5600' OF RECONSTRUCTION OF SOUTH HIGH STREET FROM SOUTH END AT SR 55 (LEWIS B. MOORE DRIVE) TO NORTH END AT US 36/SR 29 (MIAMI STREET). PROJECT INCLUDES CURB AND GUTTER, SIDEWALKS, STORM SEWER SYSTEM, CROSS-SECTION OF WATER LINE REPLACEMENT, AND CROSS SECTION OF SANITARY SEWER REPLACEMENT.

**USGS MAP:**

LONGITUDE: 83°45'23" W \*  
LATITUDE: 40°06'03" N \*

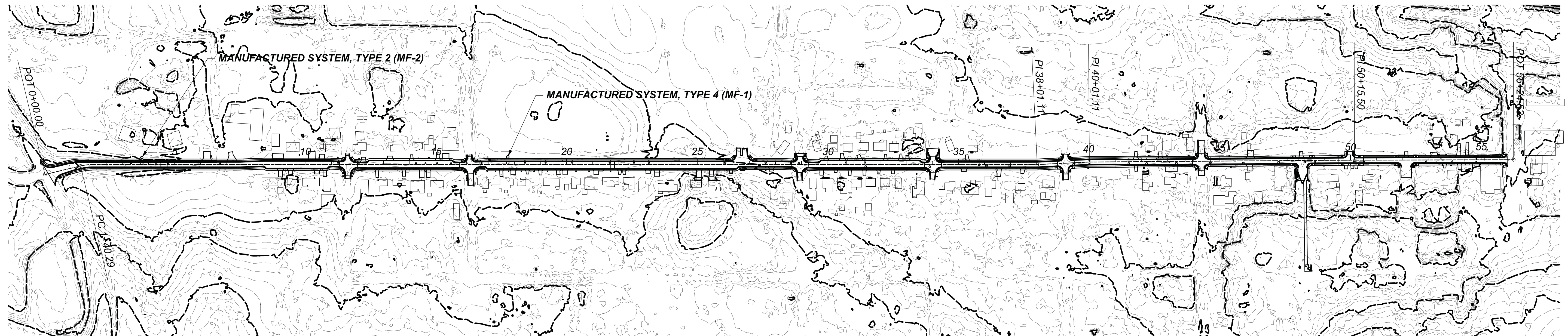
\* LONGITUDE AND LATITUDE ARE APPROX. CENTER OF PROJECT

**LEGEND:**

- MANHOLE
- CATCH BASIN CB-1
- CATCH BASIN CB-2
- CATCH BASIN CB-2-2B
- CATCH BASIN CB-2-3
- MANUFACTURED SYSTEM

BMP TYPE	LATITUDE/LONGITUDE	EDA TREATMENT CREDIT
MANUFACTURED SYSTEM TYPE 4 MF-1	40.097455° -83.756815°	1.29 Ac
MANUFACTURED SYSTEM TYPE 2 MF-2	40.094004° -83.757212°	1.03 Ac
	TREATMENT PROVIDED	2.32 Ac
	TREATMENT REQUIRED	1.96 Ac

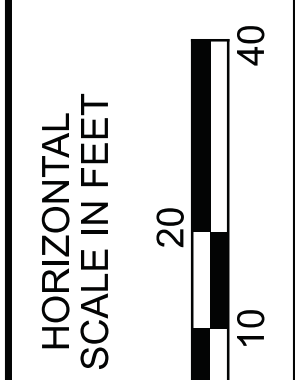
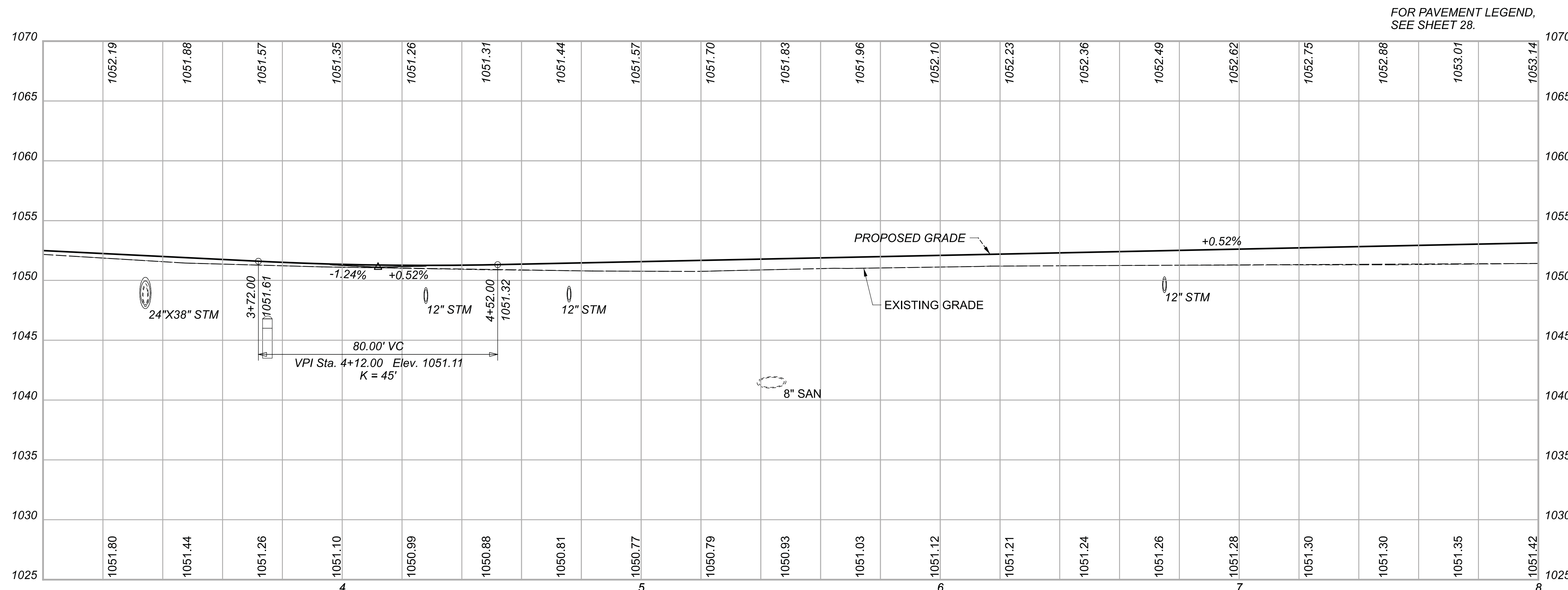
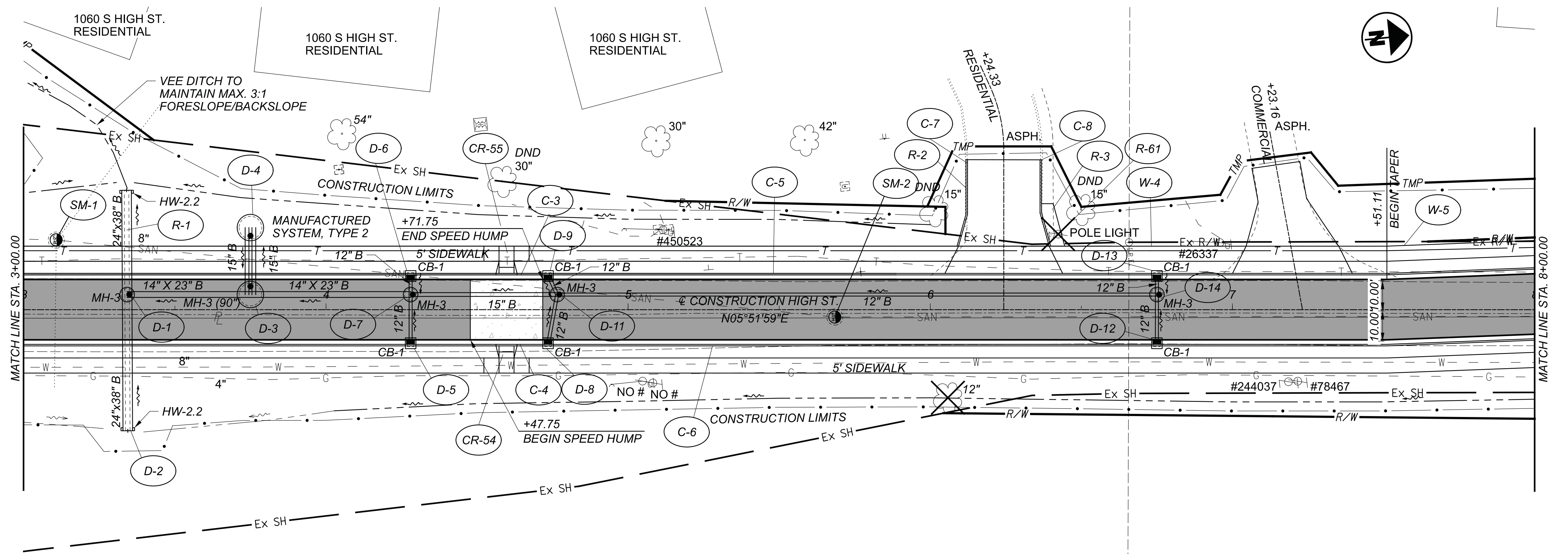
PROJECT DATA	
TOTAL AREA (RIGHT-OF-WAY) ----- 9.48 Ac	RUNOFF COEFFICIENT FOR PRE-CONSTRUCTION SITE ----- 0.50
PROJECT EARTH DISTURBED AREA ----- 9.16 Ac	RUNOFF COEFFICIENT FOR POST-CONSTRUCTION SITE ----- 0.60
ESTIMATED CONTRACTOR EARTH DISTURBED AREA ----- 0.25 Ac	POST CONSTRUCTION BMP: MANUFACTURED SYSTEMS WERE PROVIDED TO MEET NPDES POST-CONSTRUCTION REQUIREMENTS
NOTICE OF INTENT EARTH DISTURBED AREA ----- 9.41 Ac	MF-1 IS LOCATED AT STA. 17+75, 29.25' LT MF-2 IS LOCATED AT STA. 3+75, 27.13' LT
IMPERVIOUS (PAVED) AREA FOR PRE-CONSTRUCTION SITE ----- 5.25 Ac	IMMEDIATE RECEIVING WATERS ----- DUGAN RUN
IMPERVIOUS (PAVED) AREA FOR POST-CONSTRUCTION SITE ----- 6.36 Ac	SUBSEQUENT RECEIVING WATER ----- MAD RIVER





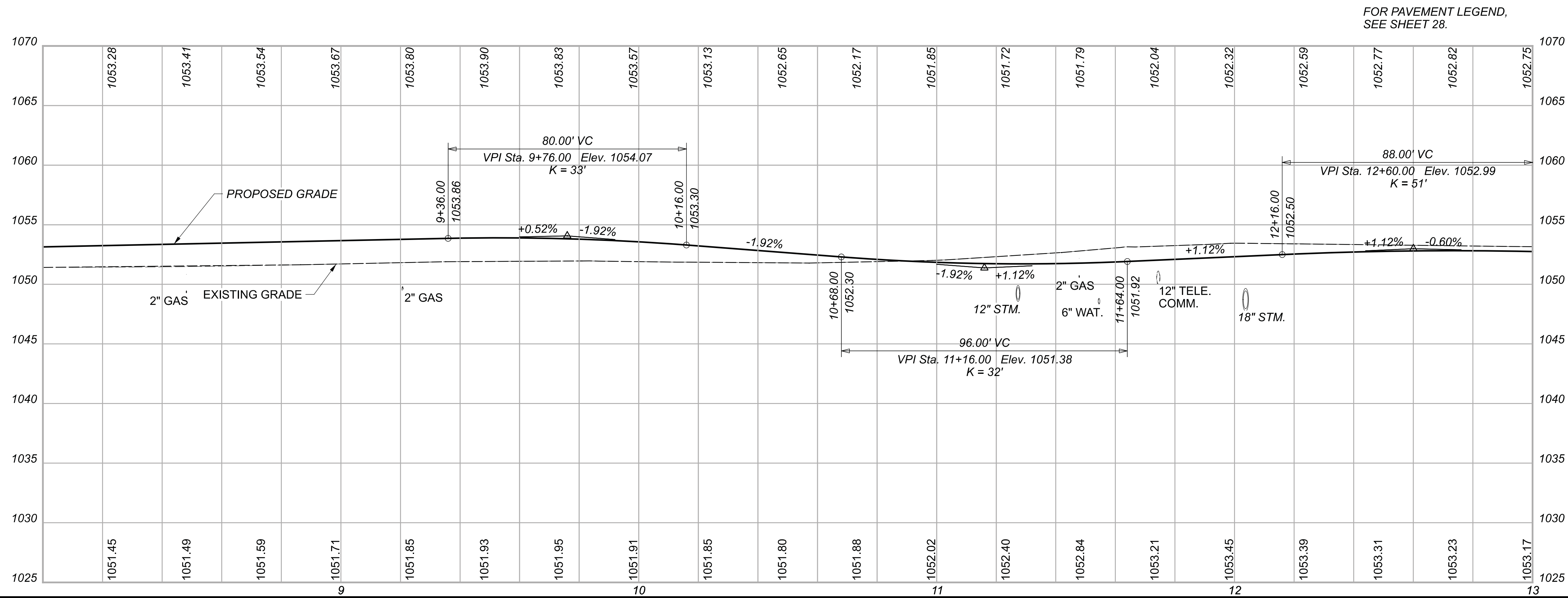
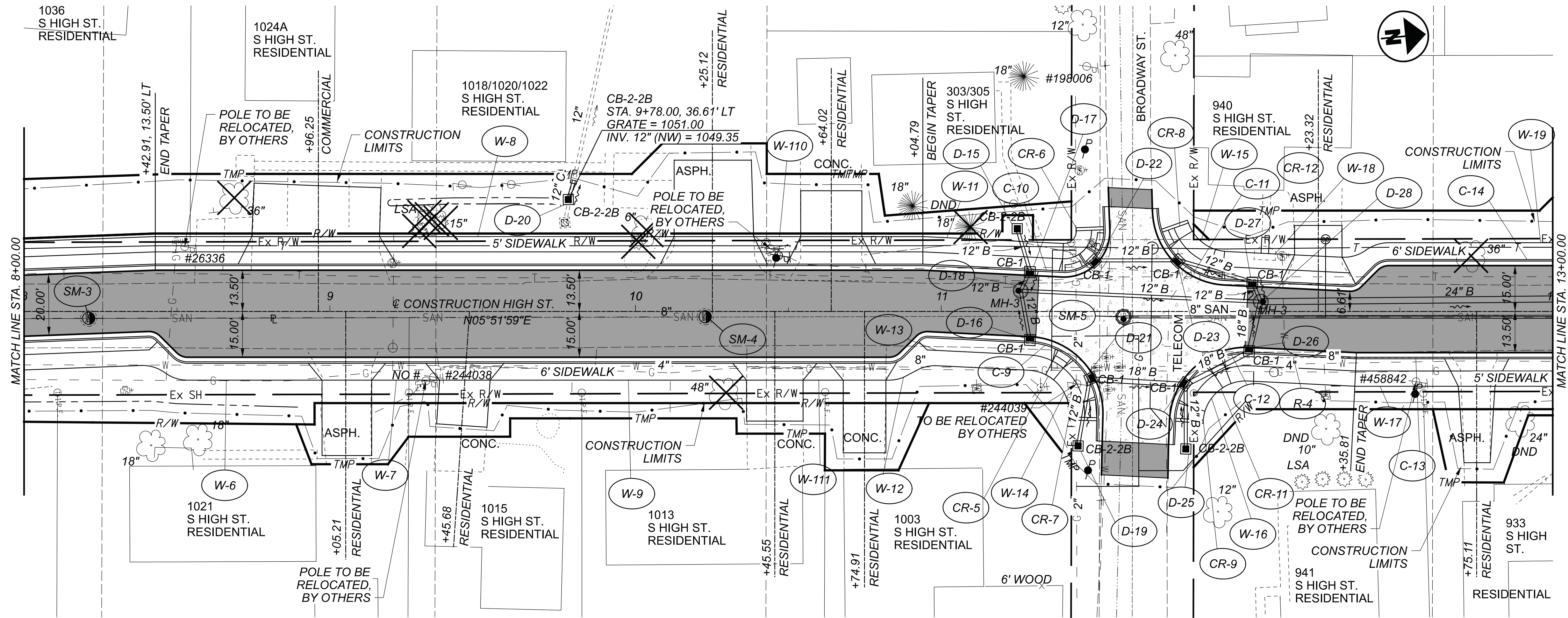
**CHP-S. HIGH STREET**

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**PLAN AND PROFILE  
 STA. 3+00.00 TO STA. 8+00.00**

DESIGN AGENCY	
DESIGNER	BMG
REVIEWER	MAG 02/27/23
PROJECT ID	112019
SHEET	TOTAL
29	222

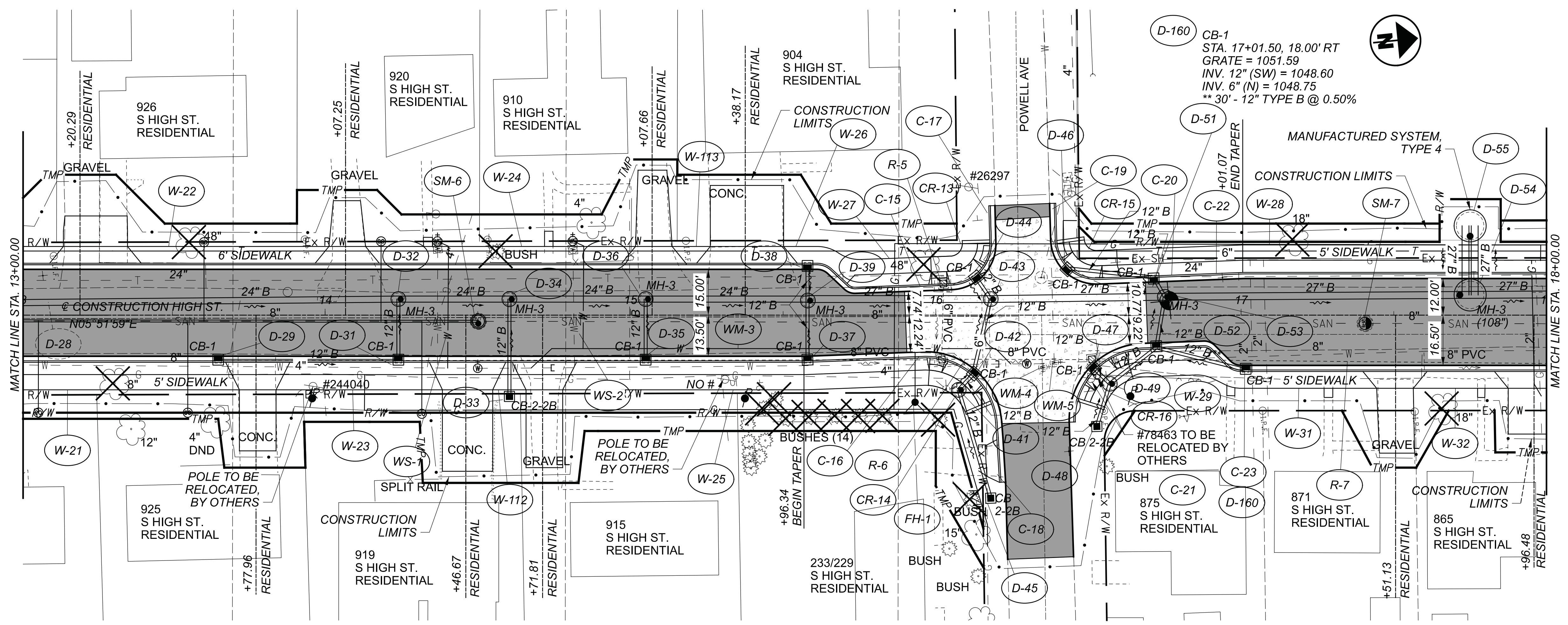


PLAN AND PROFILE  
 STA. 8+00.00 TO STA. 13+00.00

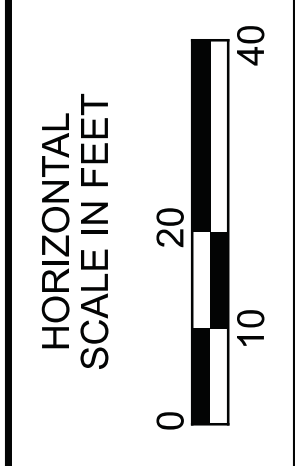
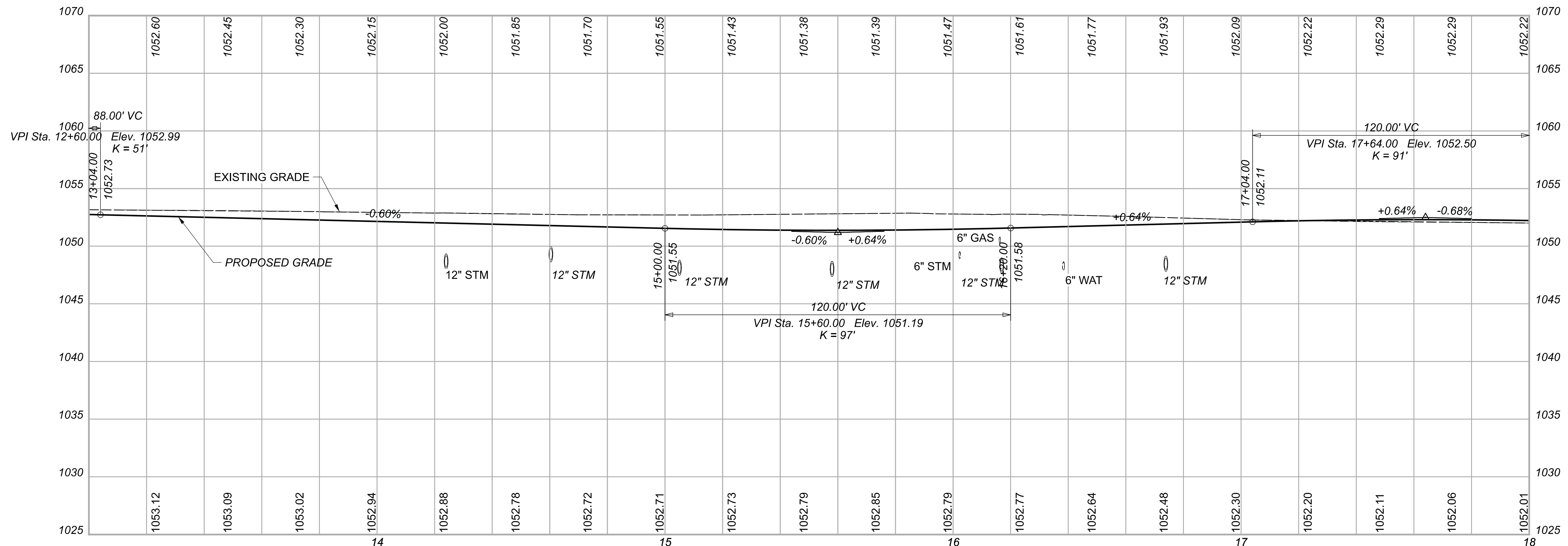
DESIGN AGENCY



DESIGNER	BMG
REVIEWER	MAG 02/27/23
PROJECT ID	112019
SHEET	TOTAL
30	222

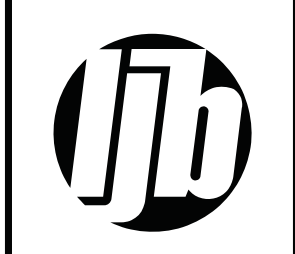


FOR PAVEMENT LEGEND, SEE SHEET 28.



PLAN AND PROFILE  
STA. 13+00.00 TO STA. 18+00.00

DESIGN AGENCY



DESIGNER

BMG

REVIEWER

MAG 02/27/23

PROJECT ID

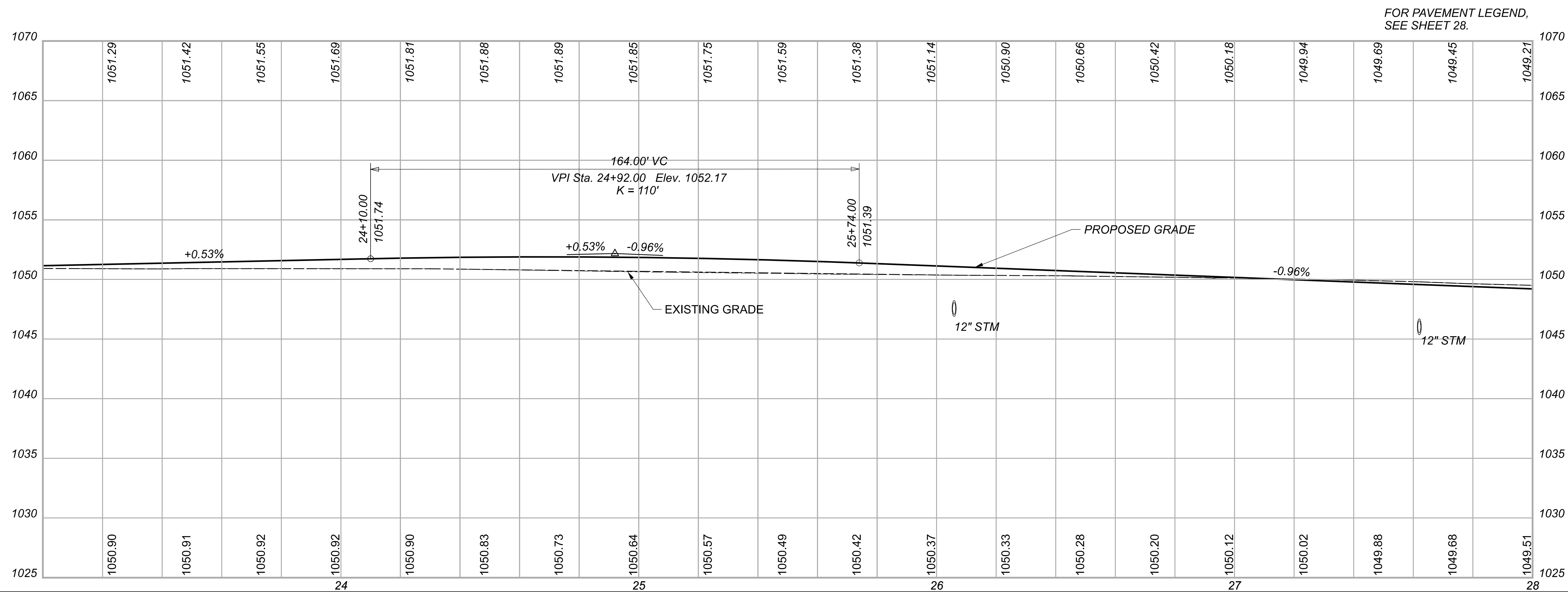
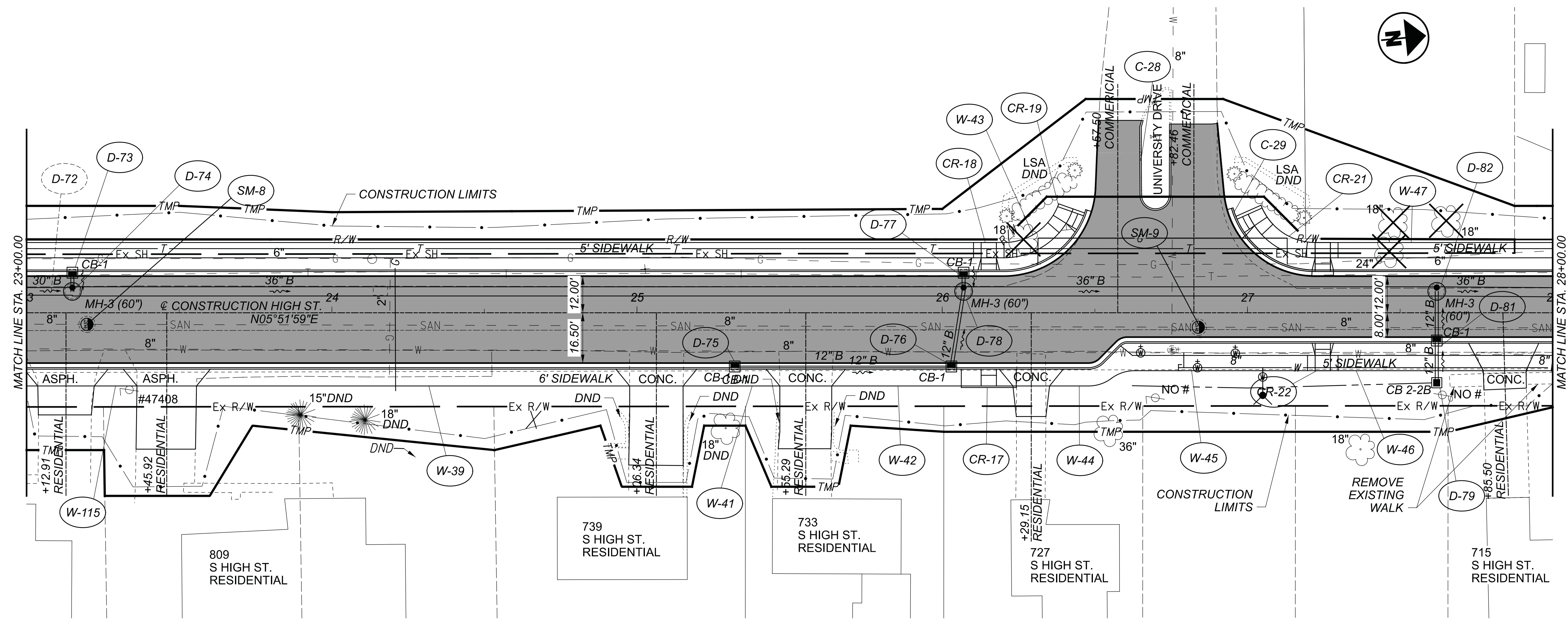
112019

SHEET TOTAL

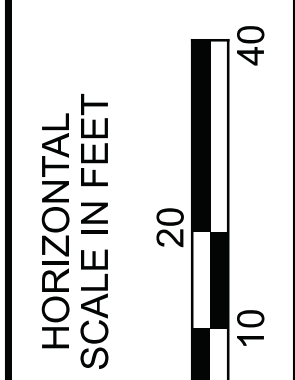
31 222







FOR PAVEMENT LEGEND, SEE SHEET 28.



PLAN AND PROFILE  
 STA. 23+00.00 TO STA. 28+00.00

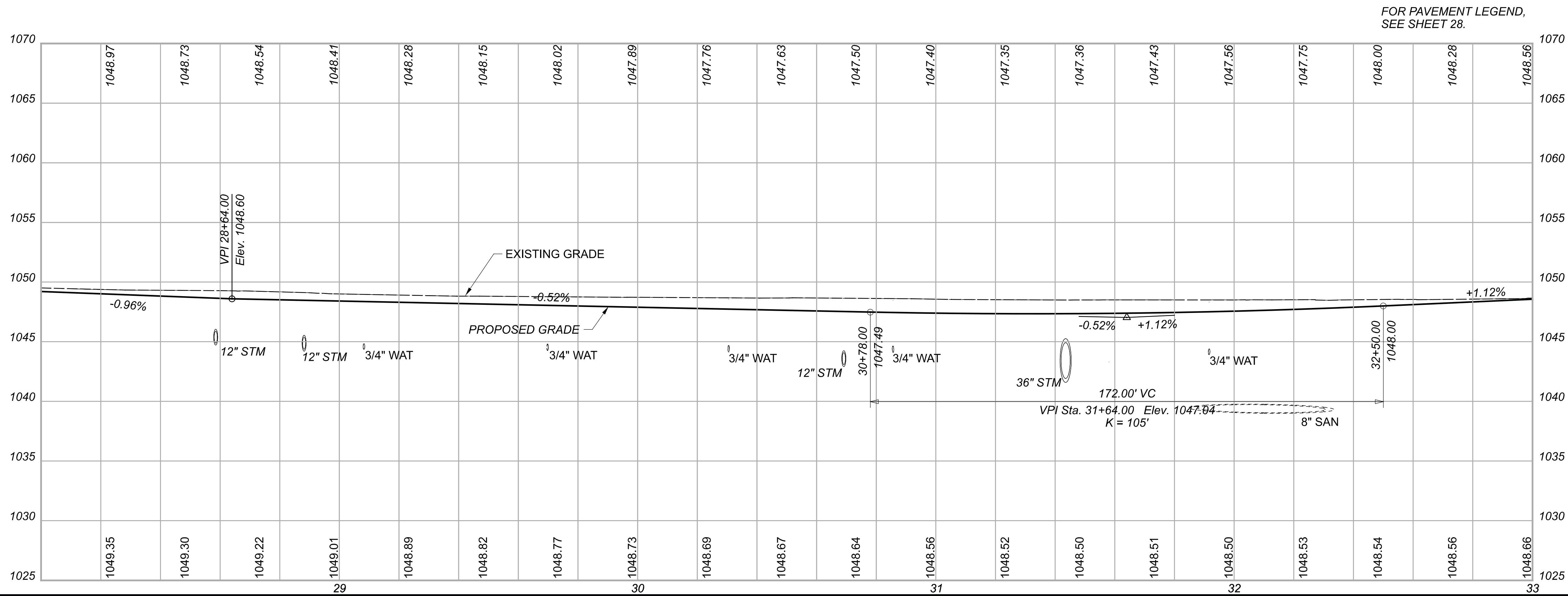
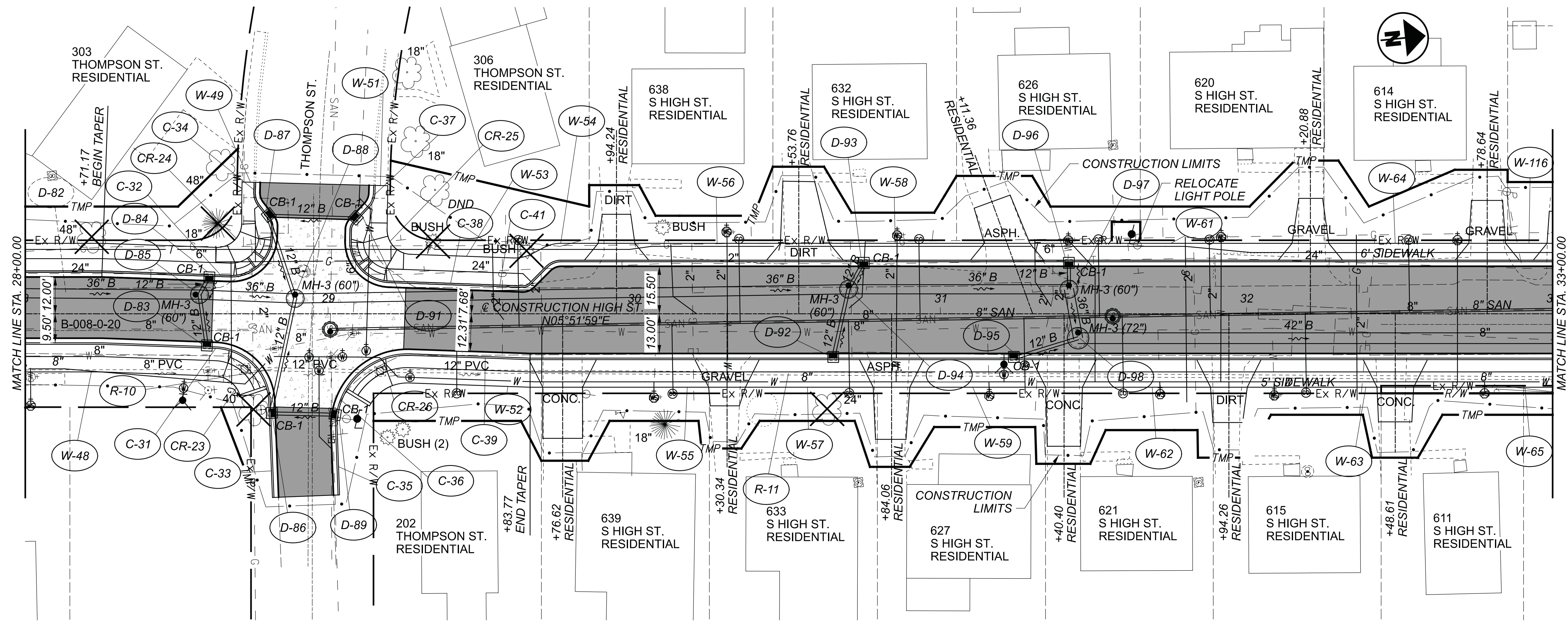
DESIGN AGENCY



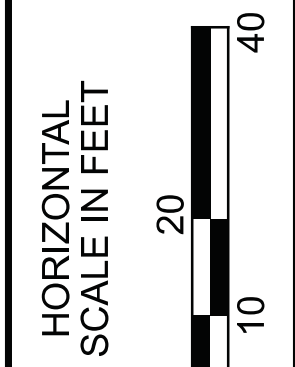
DESIGNER	BMG
REVIEWER	MAG 02/27/23
PROJECT ID	112019
SHEET	TOTAL
33	222

**CHP-S. HIGH STREET**

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FOR PAVEMENT LEGEND,  
SEE SHEET 28.

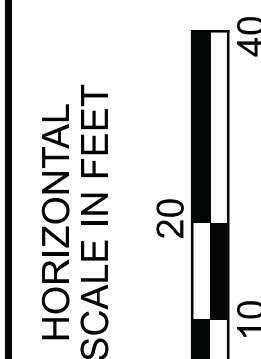
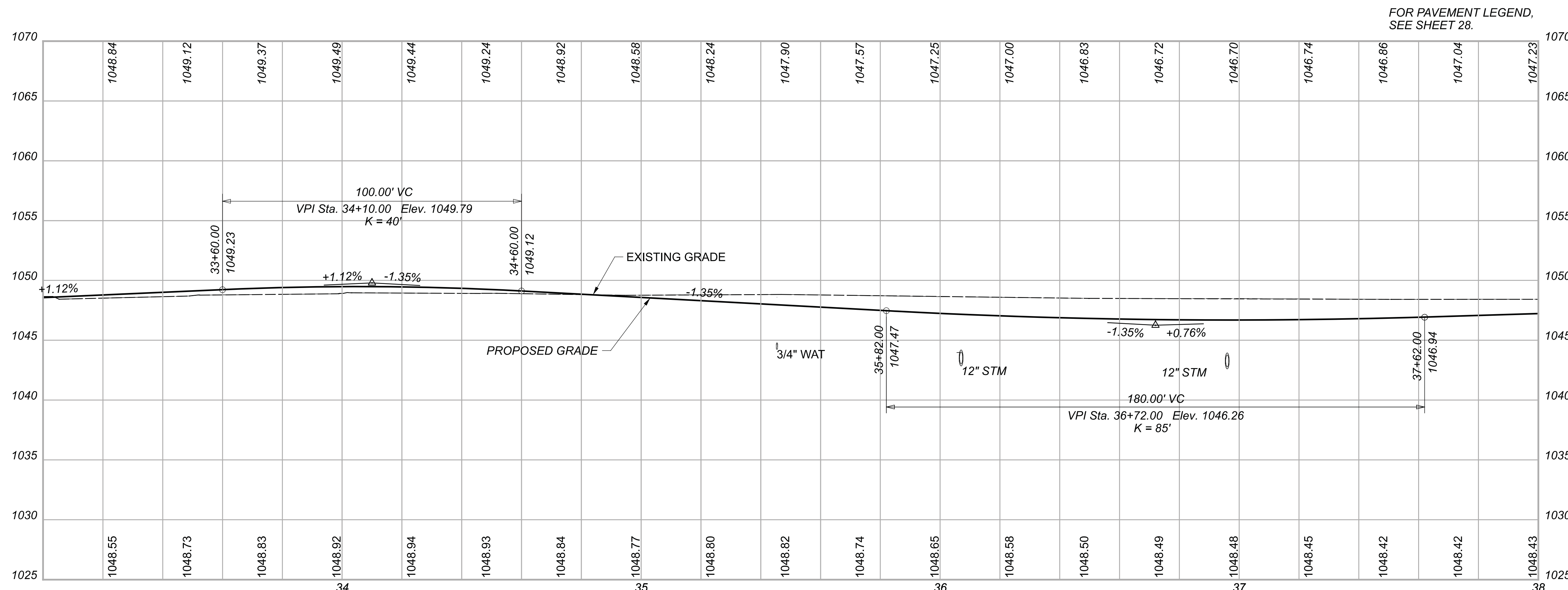
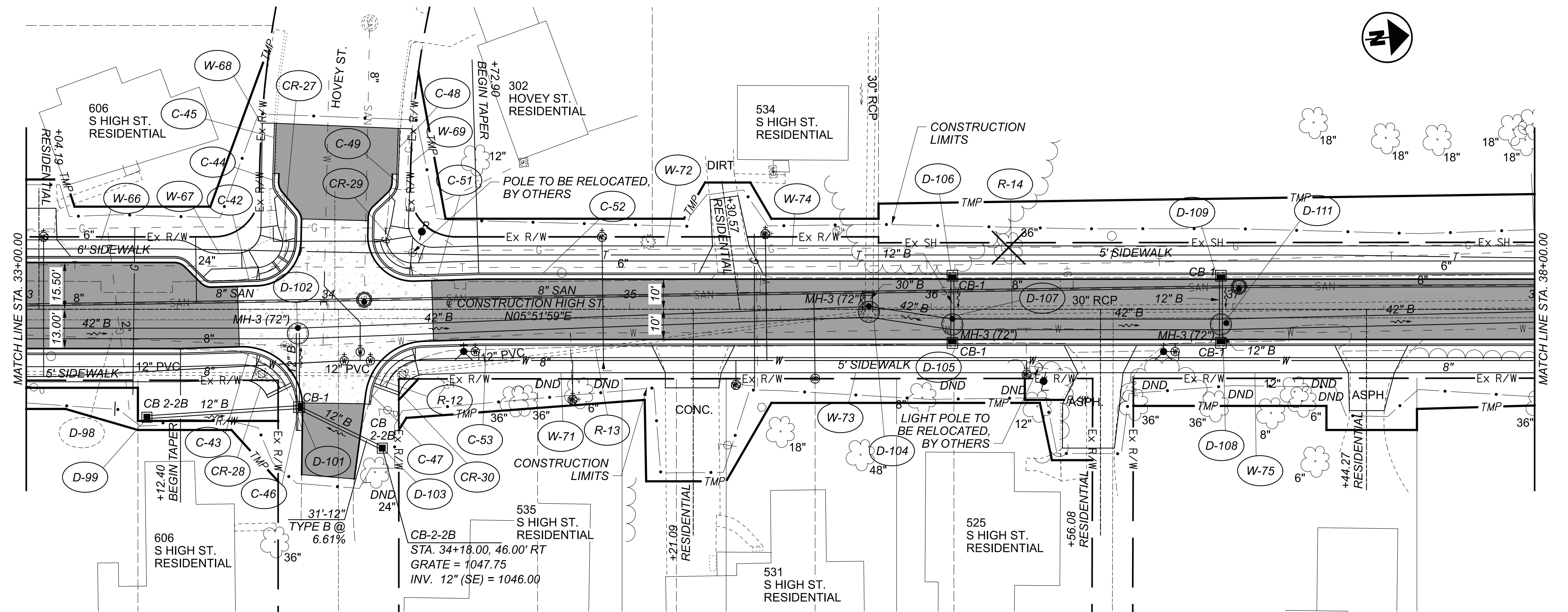


**PLAN AND PROFILE**  
 STA. 28+00.00 TO STA. 33+00.00

DESIGN AGENCY



DESIGNER	BMG
REVIEWER	MAG
PROJECT ID	112019
SHEET	TOTAL
34	222



PLAN AND PROFILE  
 STA. 33+00.00 TO STA. 38+00.00

DESIGN AGENCY



DESIGNER

BMG

REVIEWER

MAG 02/27/23

PROJECT ID

112019

SHEET TOTAL

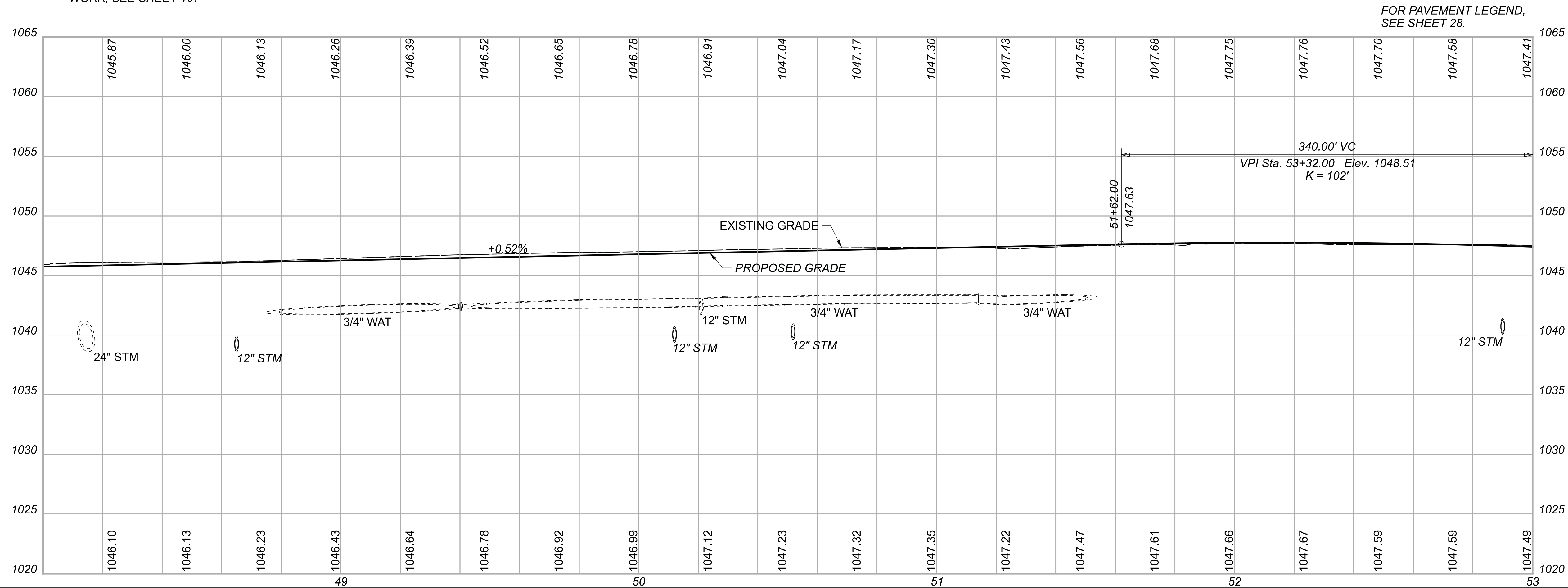
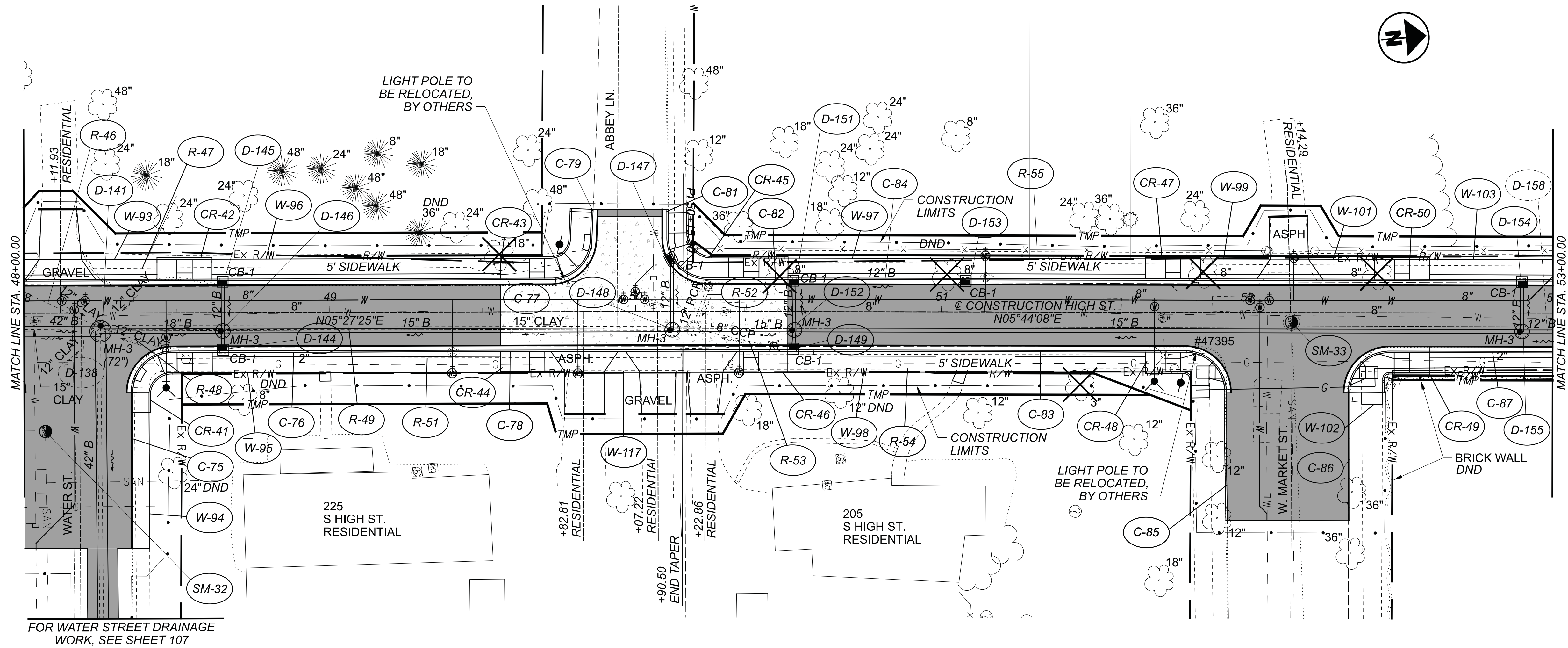
35 222





**CHP-S. HIGH STREET**

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**PLAN AND PROFILE**  
 STA. 48+00.00 TO STA. 53+00.00

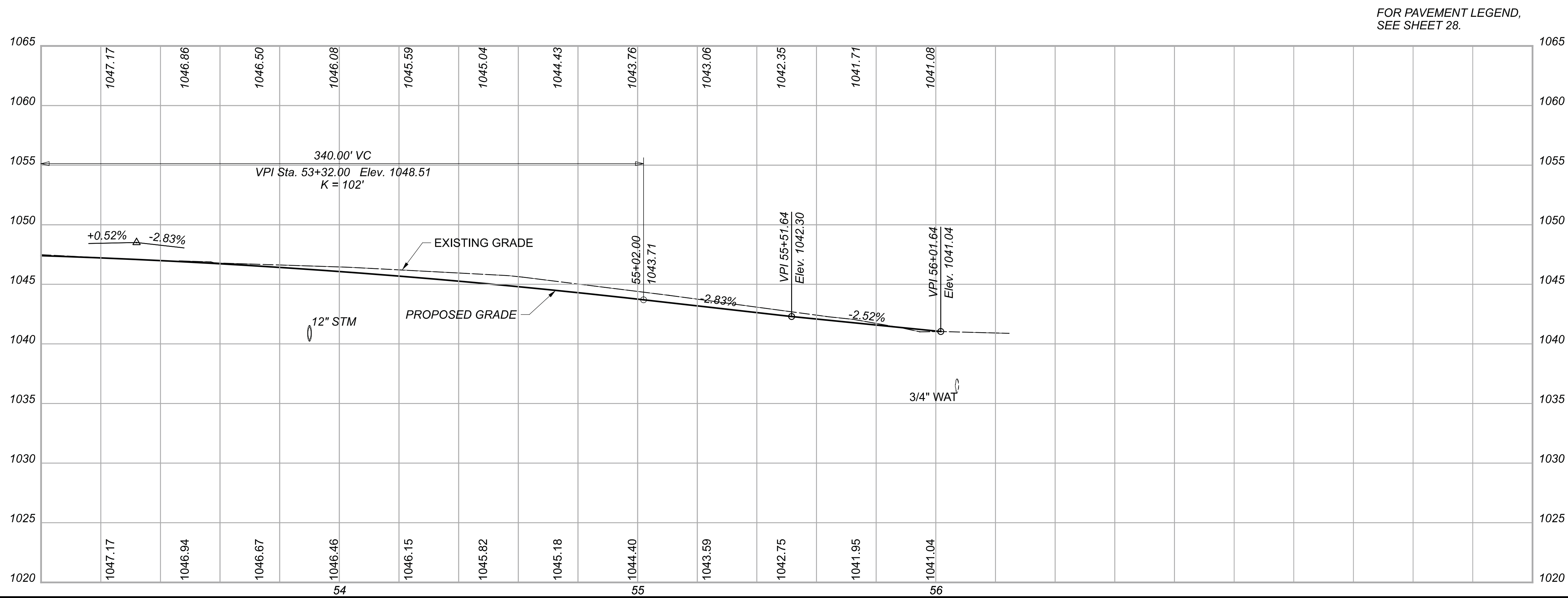
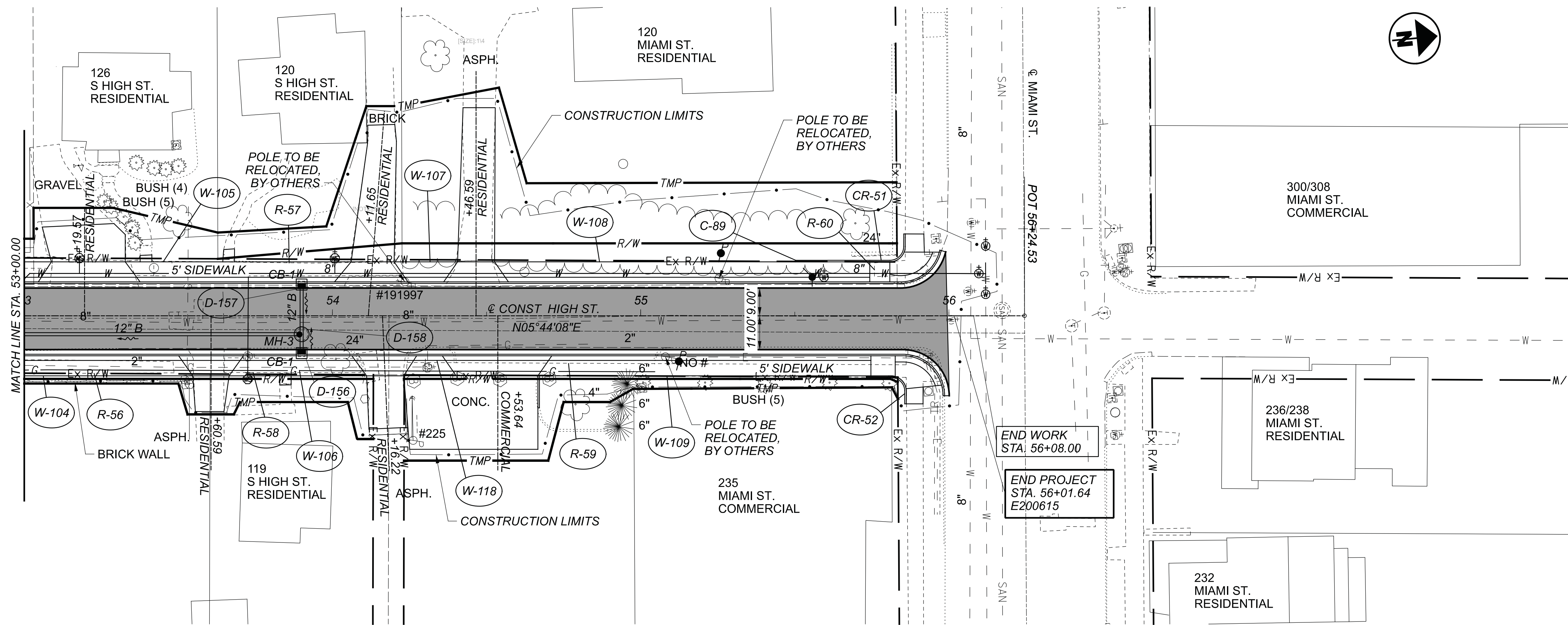
DESIGN AGENCY



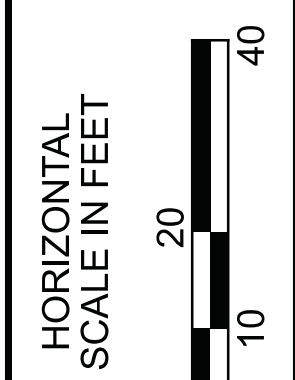
DESIGNER	BMG
REVIEWER	MAG 02/27/23
PROJECT ID	112019
SHEET	TOTAL
38	222

**CHP-S. HIGH STREET**

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FOR PAVEMENT LEGEND, SEE SHEET 28.



**PLAN AND PROFILE**  
 STA. 53+00.00 TO STA. 56+01.64

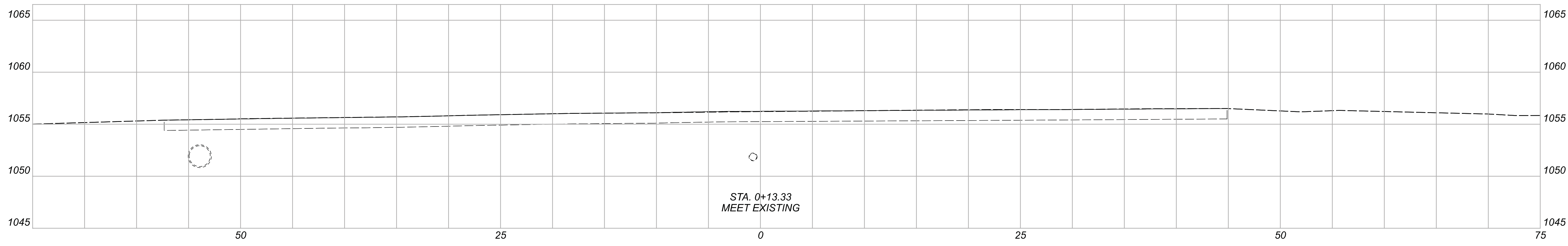
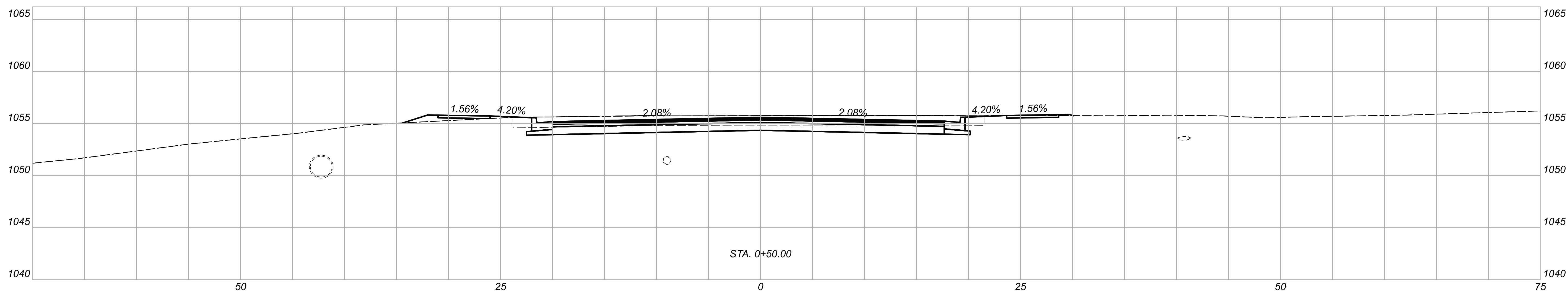
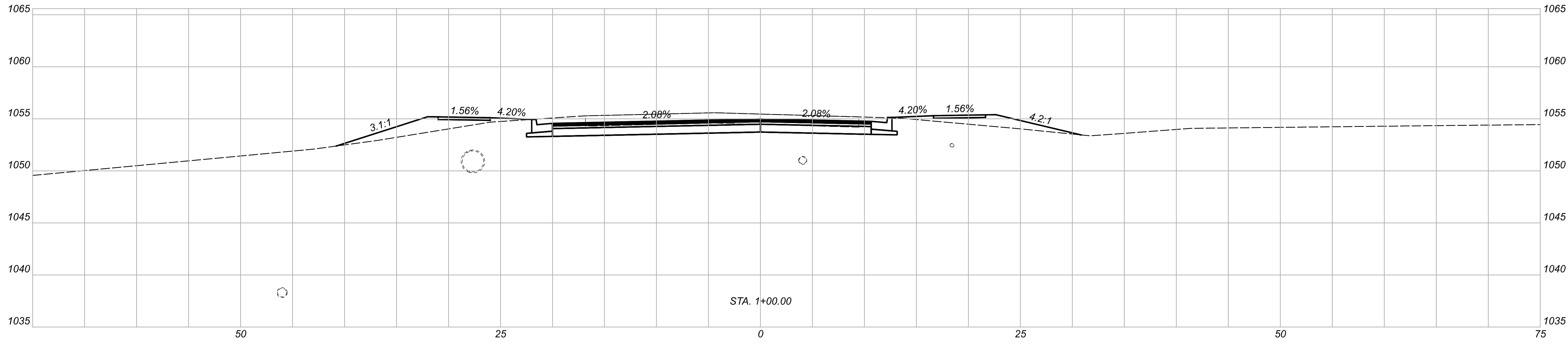
DESIGN AGENCY



DESIGNER	BMG
REVIEWER	MAG
PROJECT ID	02/27/23
	112019
SHEET	TOTAL
39	222

CHP-S. HIGH STREET

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CROSS SECTIONS  
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DESIGN AGENCY



DESIGNER

BMG

REVIEWER

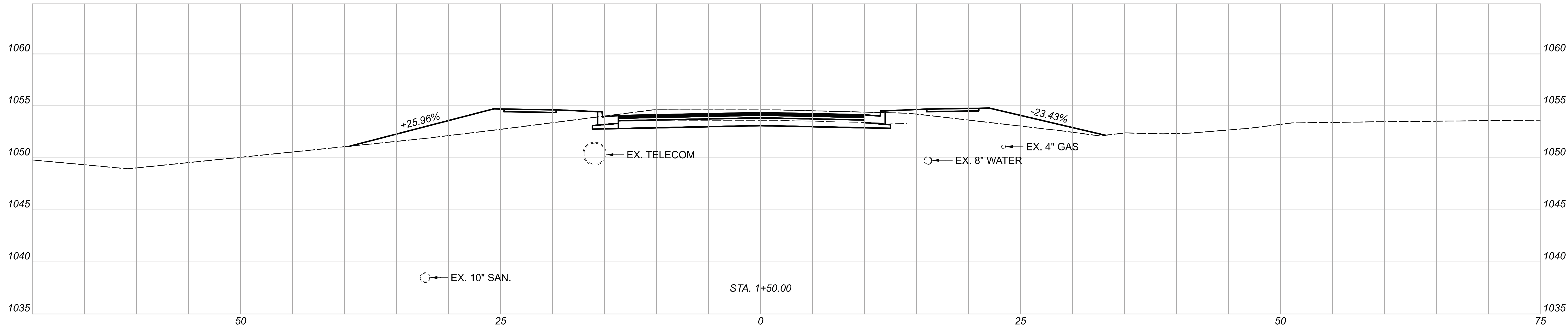
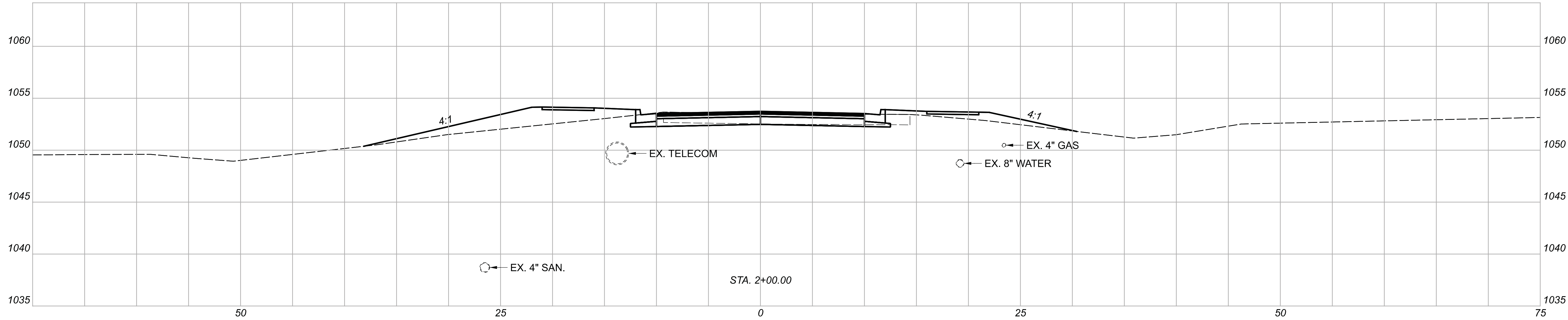
MAG 02/27/23

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112019

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Seeding	Cut	Fill		
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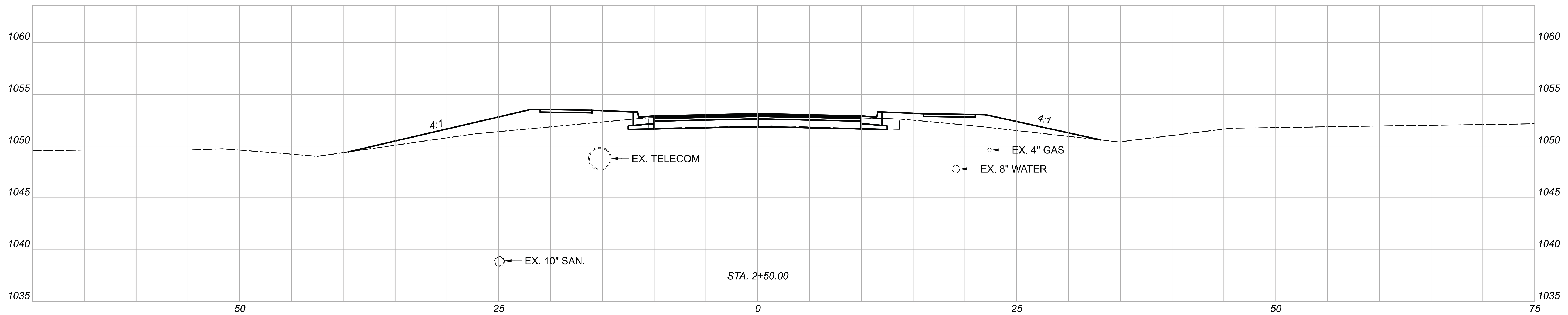
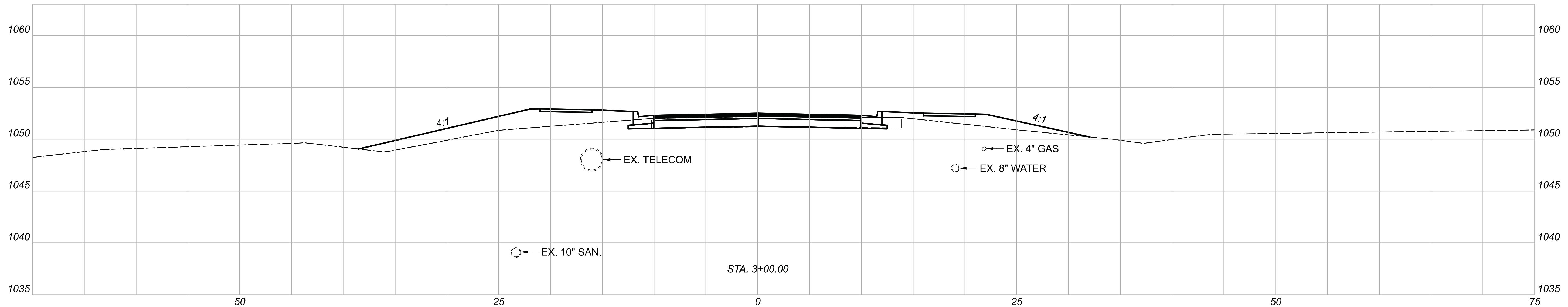
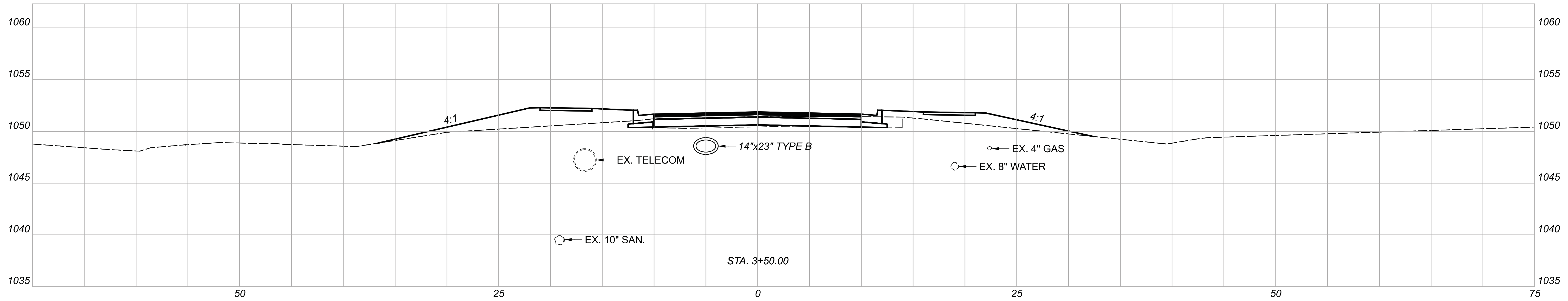




CROSS SECTIONS  
 STA. 1+50.00 TO STA. 2+00.00

DESIGN AGENCY	
DESIGNER	BMG
REVIEWER	MAG 02/27/23
PROJECT ID	112019

Sheet Totals			SHEET	TOTAL
Seeding	Cut	Fill		
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CROSS SECTIONS  
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DESIGN AGENCY



DESIGNER

BMG

REVIEWER

MAG 02/27/23

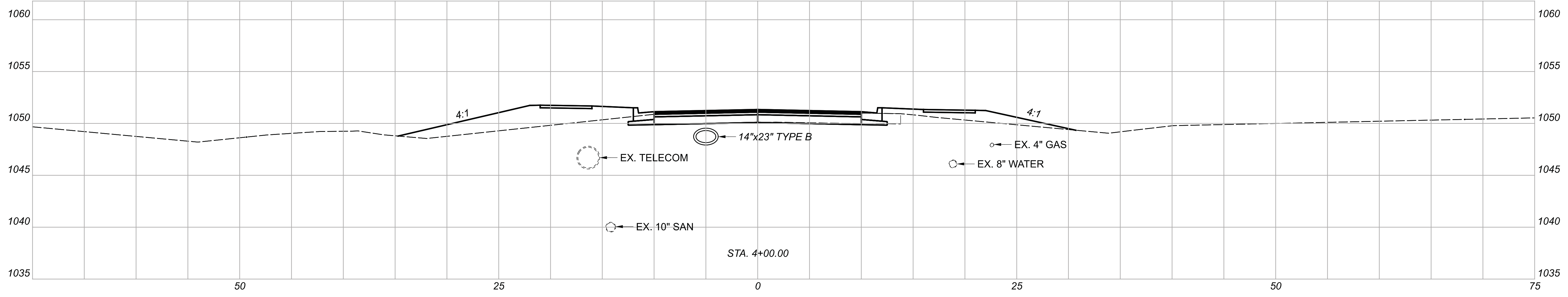
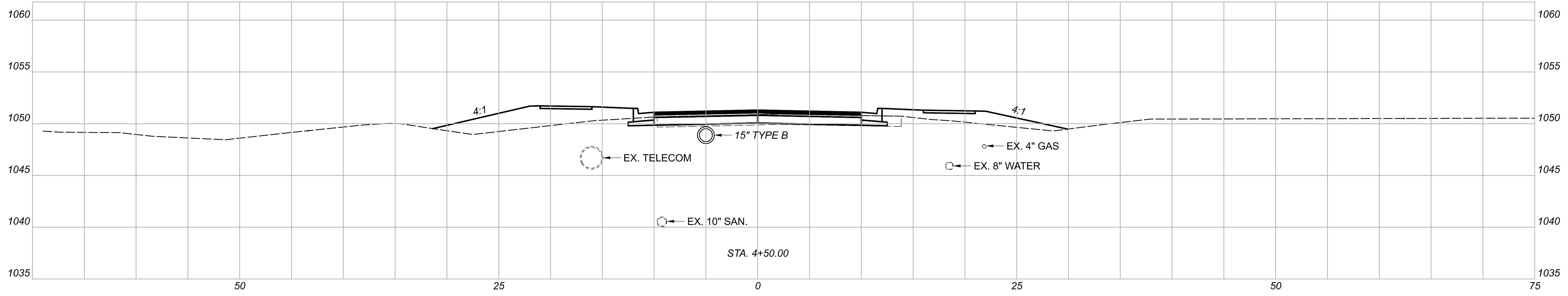
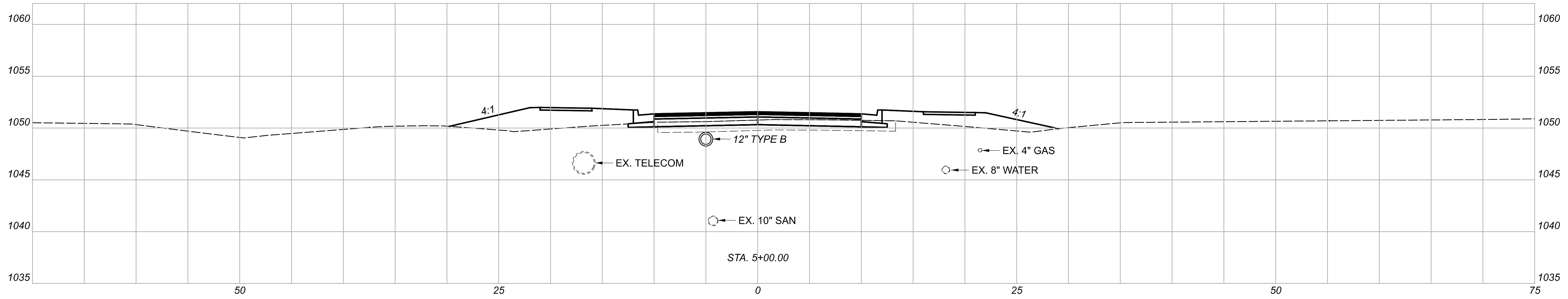
PROJECT ID

112019

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SHEET	TOTAL
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CROSS SECTIONS  
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DESIGN AGENCY



DESIGNER

BMG

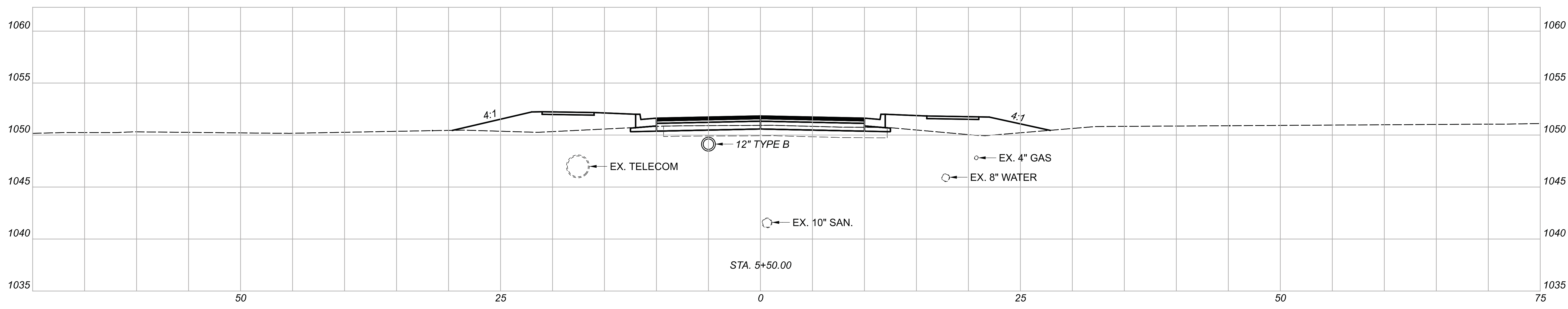
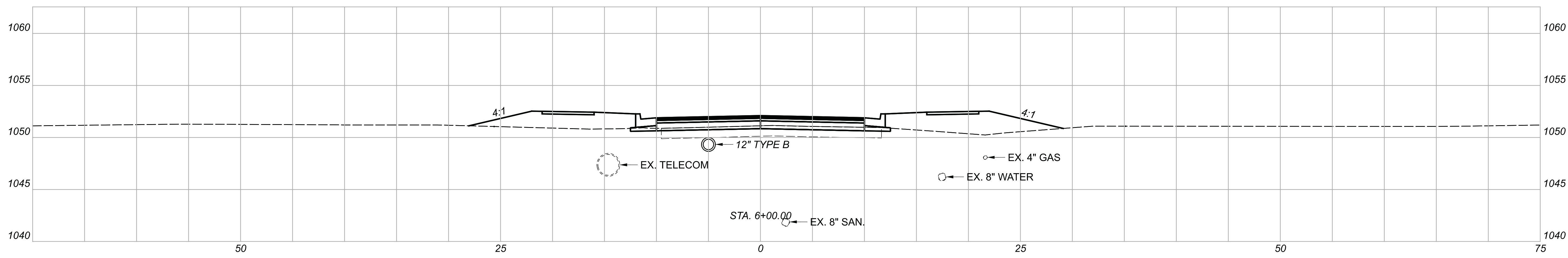
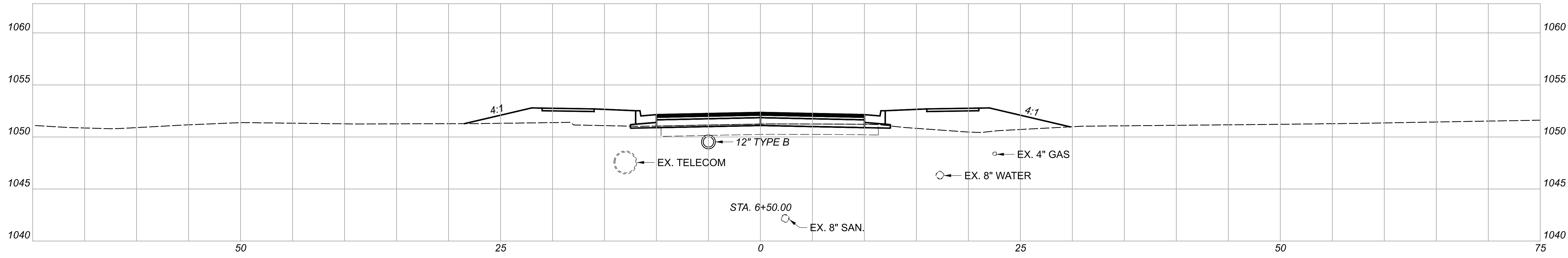
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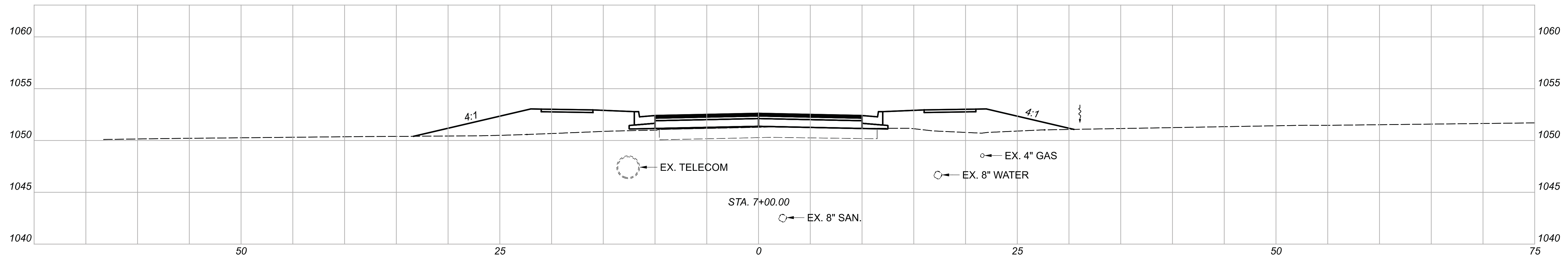
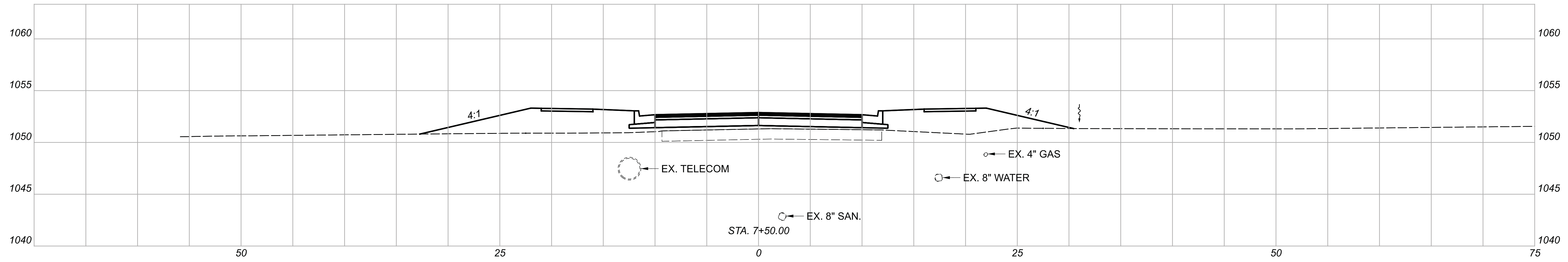
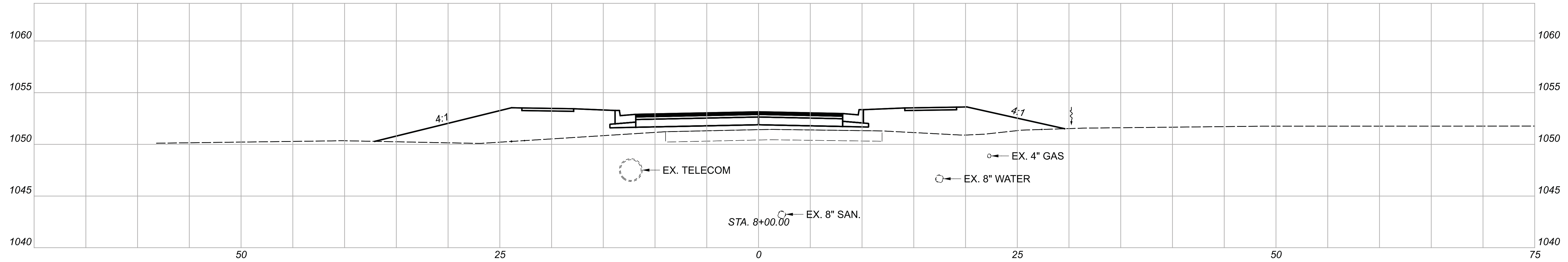
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Seeding	Cut	Fill		
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CROSS SECTIONS  
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DESIGN AGENCY	
DESIGNER	BMG
REVIEWER	MAG 02/27/23
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Sheet Totals			SHEET	TOTAL
Seeding	Cut	Fill		
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CROSS SECTIONS  
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DESIGN AGENCY



DESIGNER

BMG

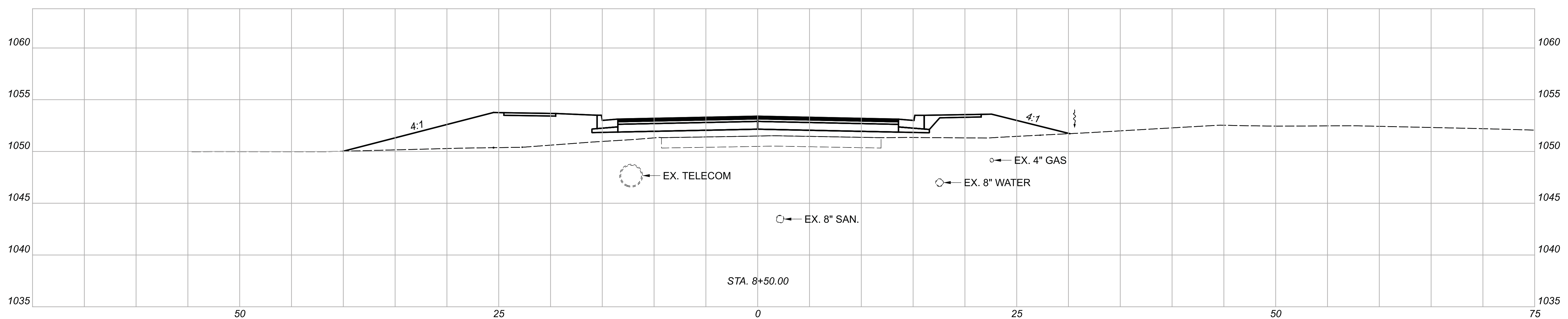
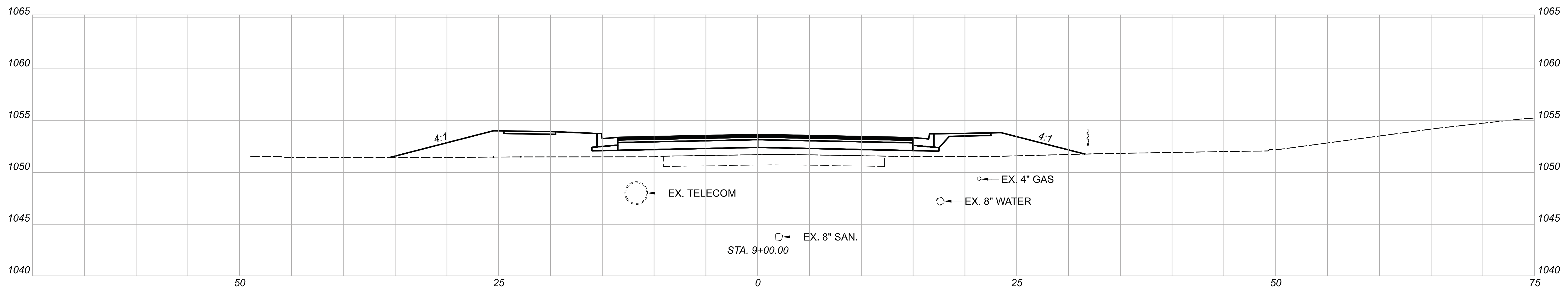
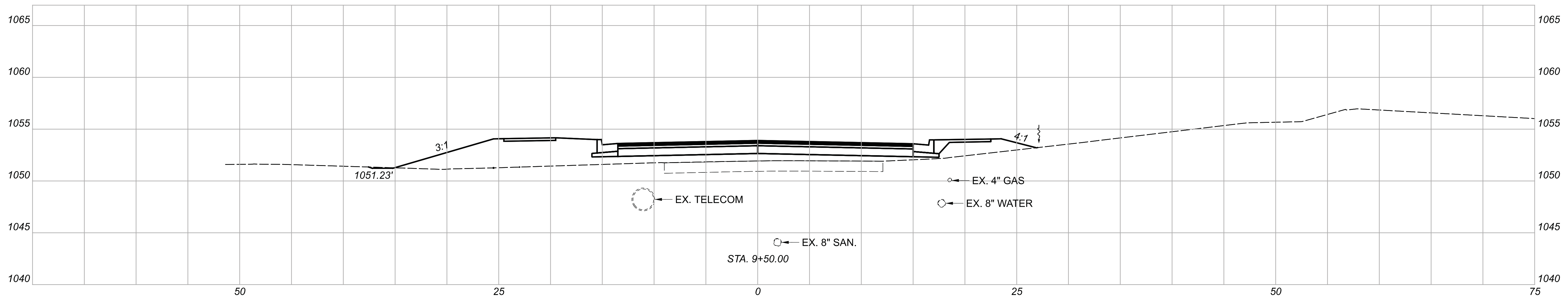
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112019

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CROSS SECTIONS  
 STA. 8+50.00 TO STA. 9+50.00

DESIGN AGENCY



DESIGNER

BMG

REVIEWER

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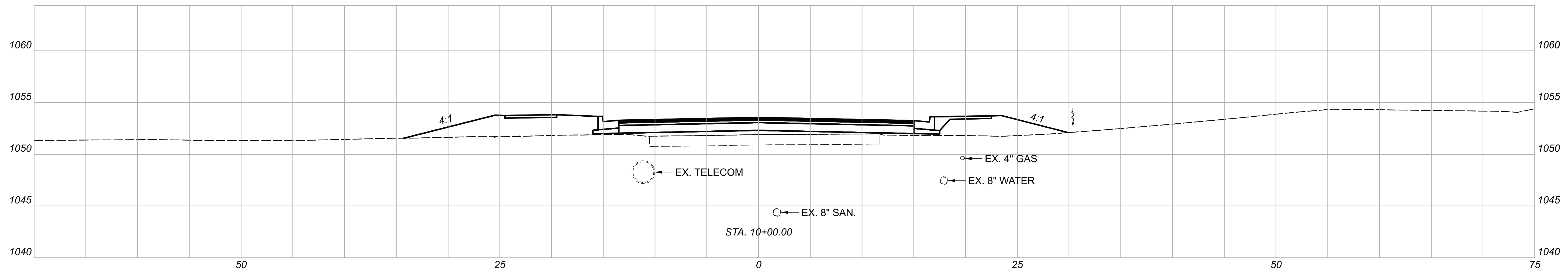
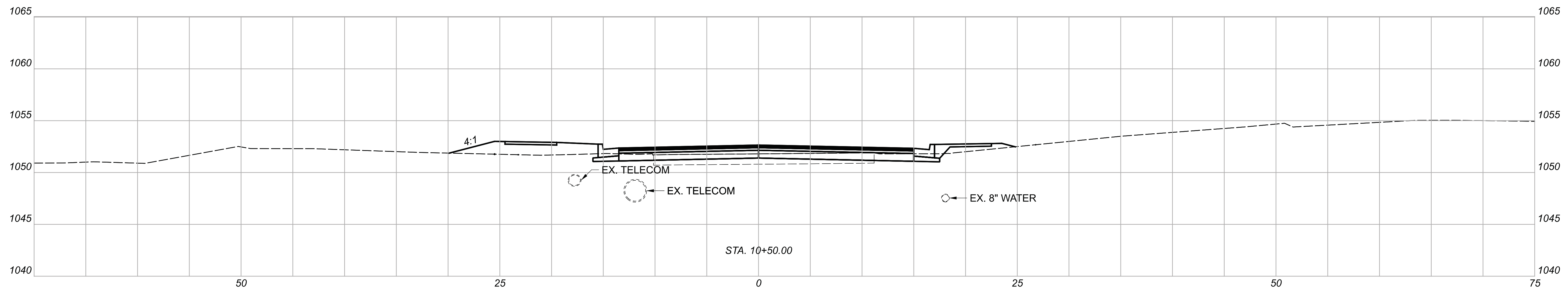
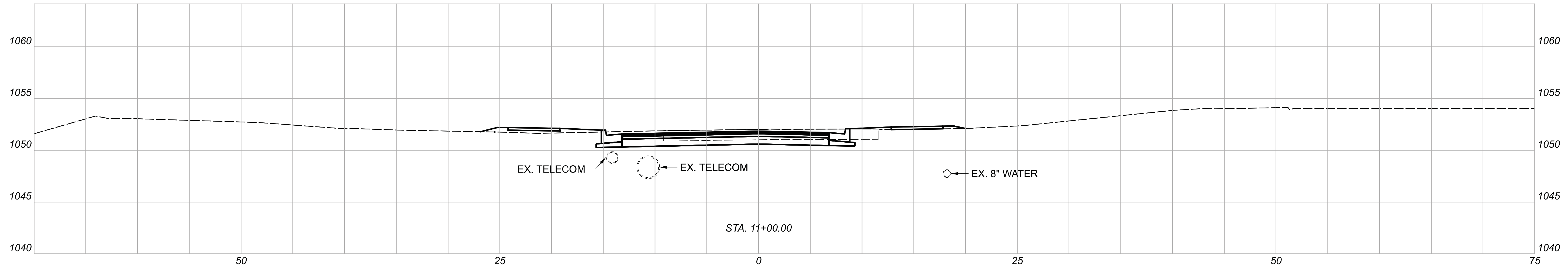
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SHEET	TOTAL
46	222



CROSS SECTIONS  
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DESIGN AGENCY



DESIGNER

BMG

REVIEWER

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PROJECT ID

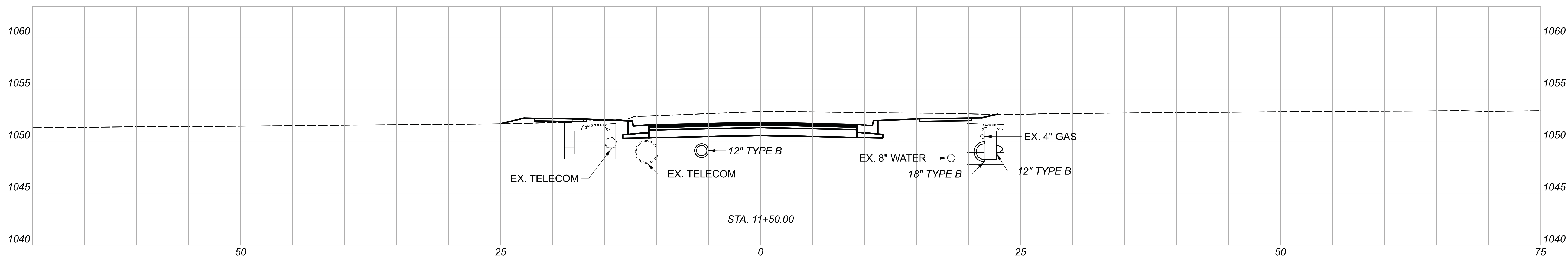
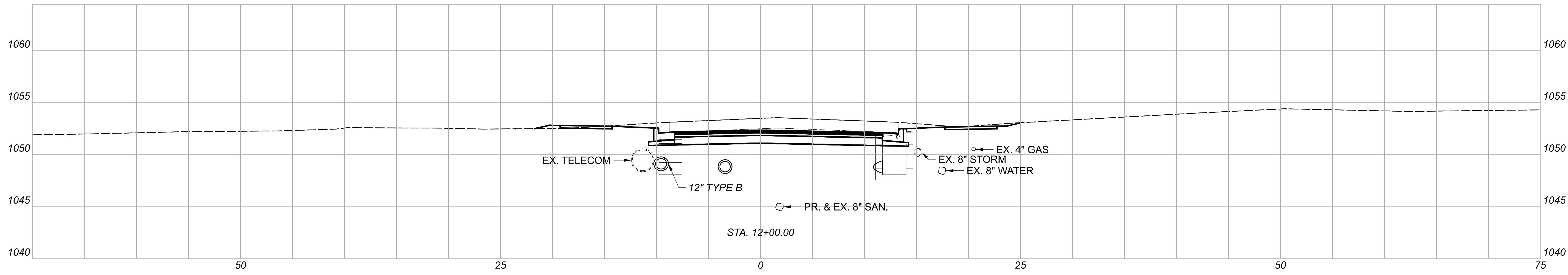
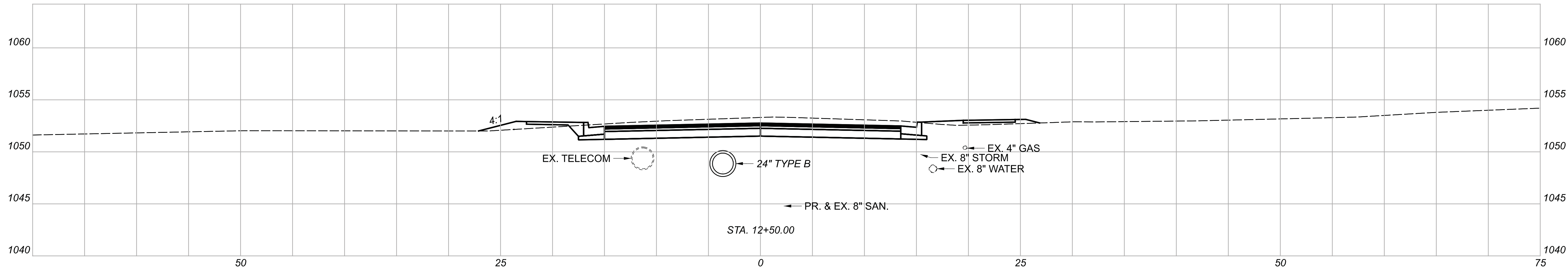
112019

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SHEET TOTAL

47 222

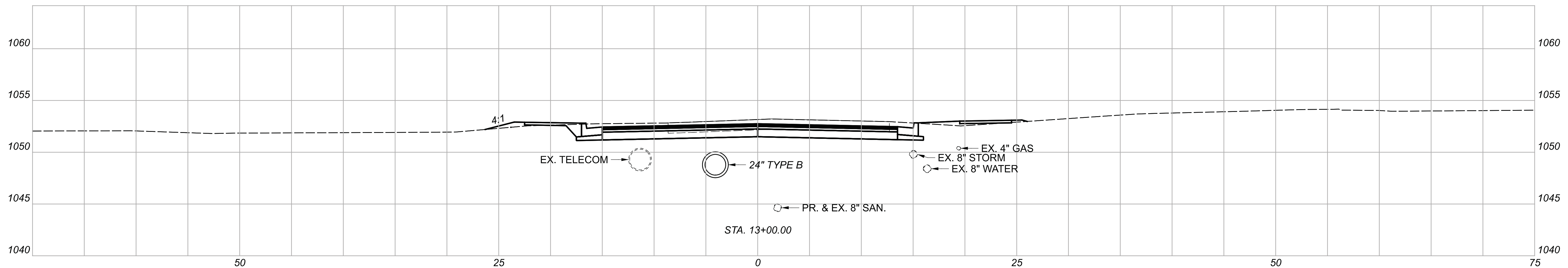
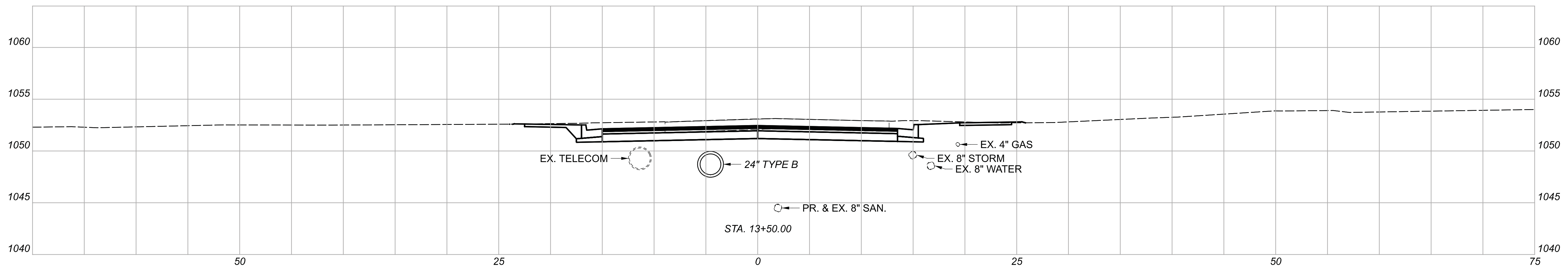
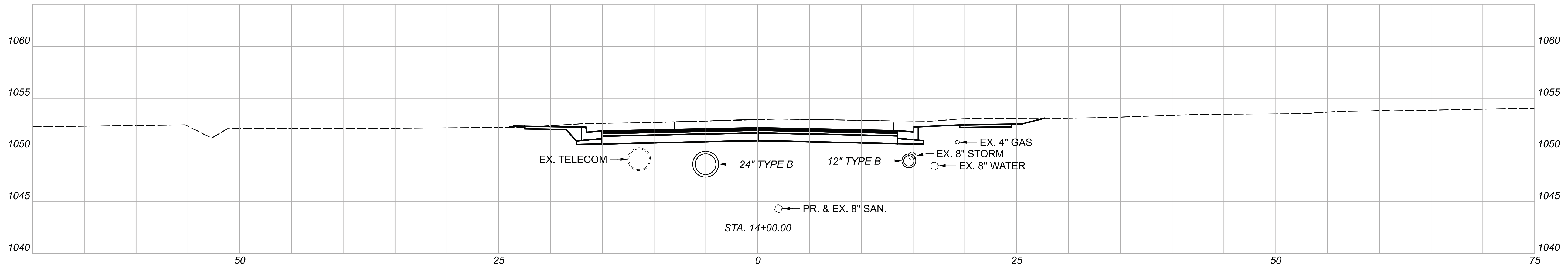


CROSS SECTIONS  
 STA. 11+50.00 TO STA. 12+50.00

DESIGN AGENCY	
DESIGNER	BMG
REVIEWER	MAG 02/27/23
PROJECT ID	112019

Sheet Totals			SHEET	TOTAL
Seeding	Cut	Fill		
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CROSS SECTIONS  
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DESIGN AGENCY



DESIGNER

BMG

REVIEWER

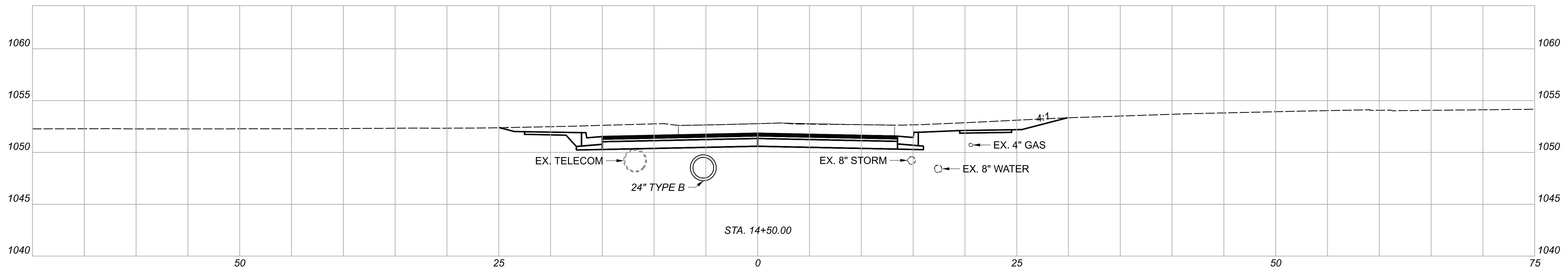
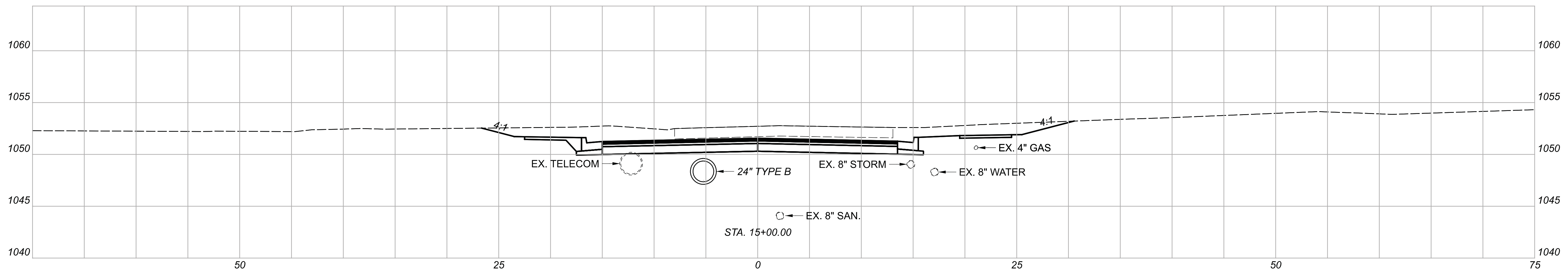
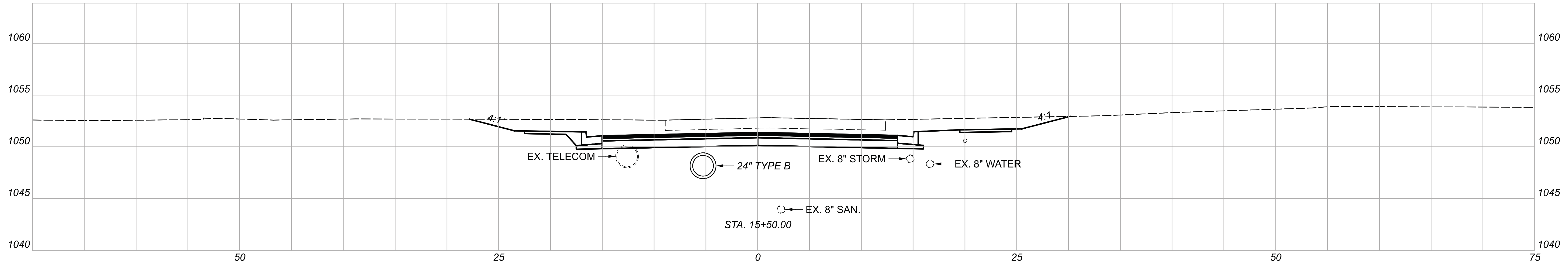
MAG 02/27/23

PROJECT ID

112019

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SHEET	TOTAL
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CROSS SECTIONS  
 STA. 14+50.00 TO STA. 15+50.00

DESIGN AGENCY



DESIGNER

BMG

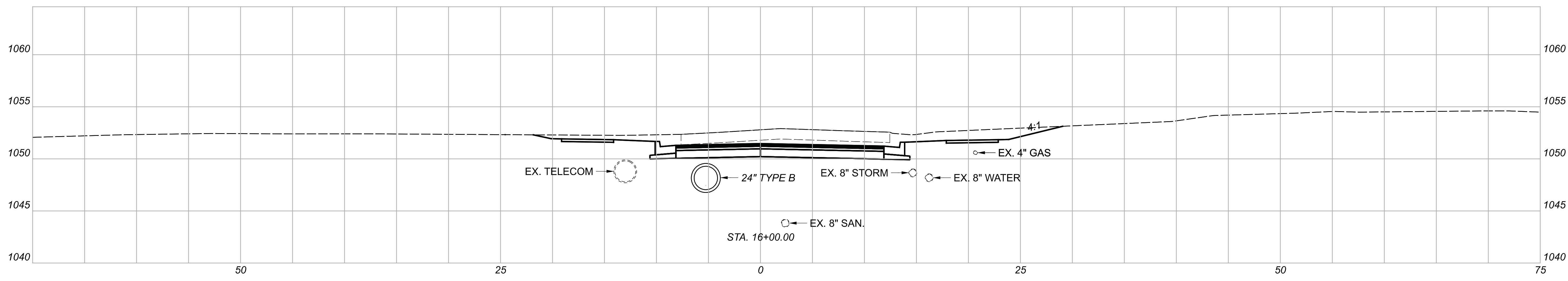
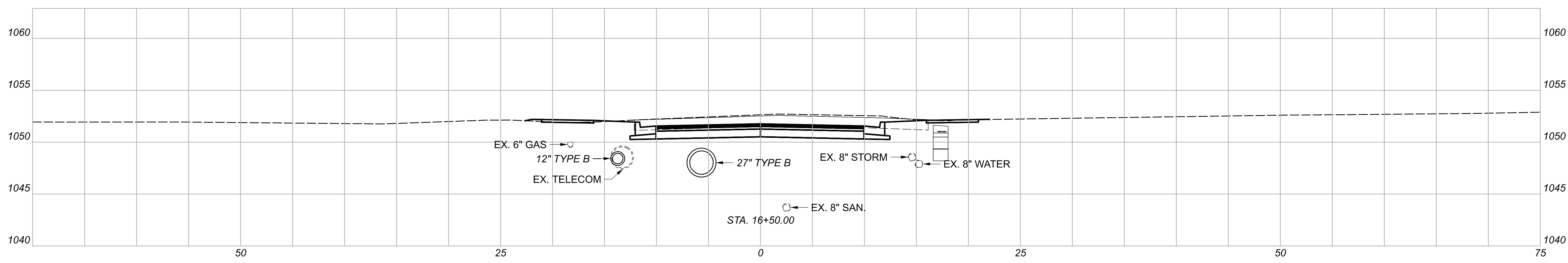
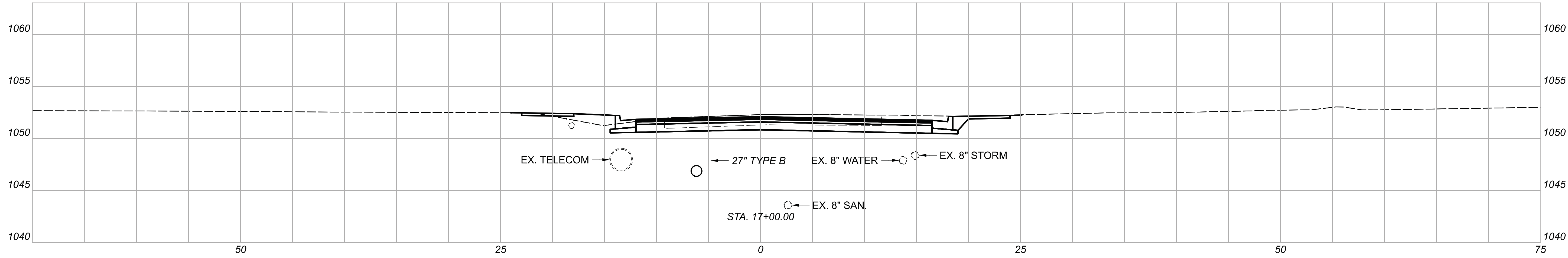
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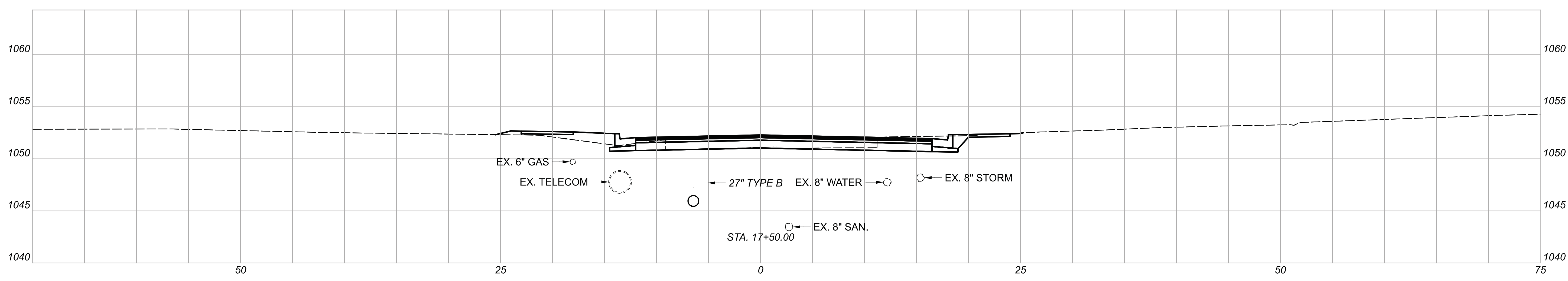
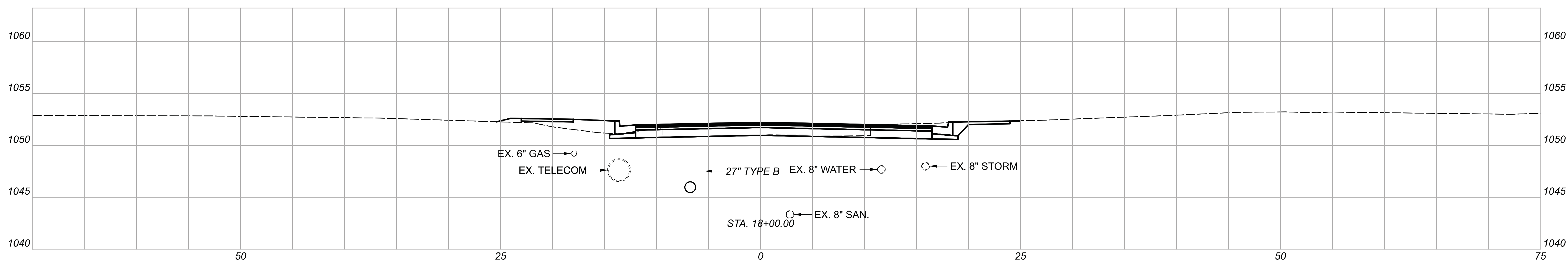
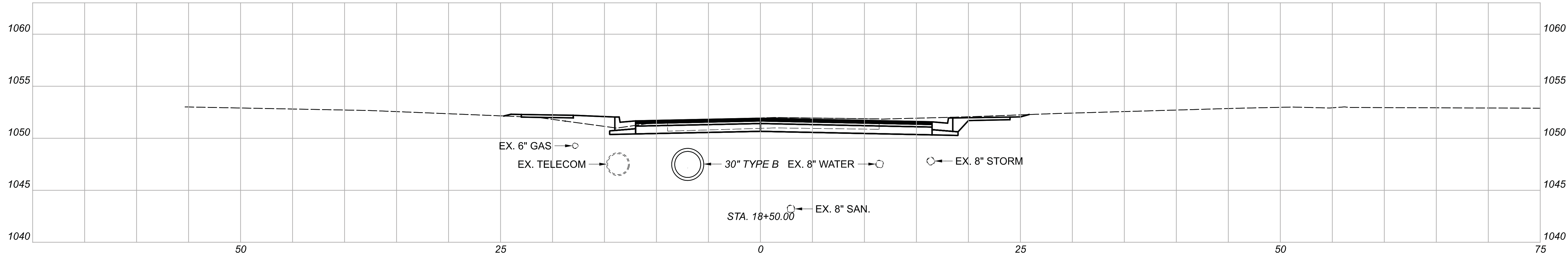
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CROSS SECTIONS  
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DESIGN AGENCY	JTB	
DESIGNER	BMG	
REVIEWER	MAG 02/27/23	
PROJECT ID	112019	
SHEET TOTAL	51	222

Sheet Totals		
Seeding	Cut	Fill
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CROSS SECTIONS  
 STA. 17+50.00 TO STA. 18+50.00

DESIGN AGENCY



DESIGNER

BMG

REVIEWER

MAG 02/27/23

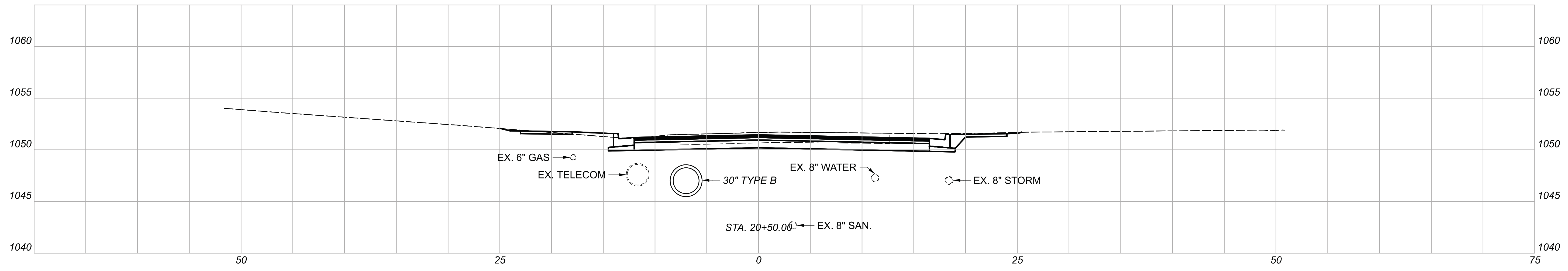
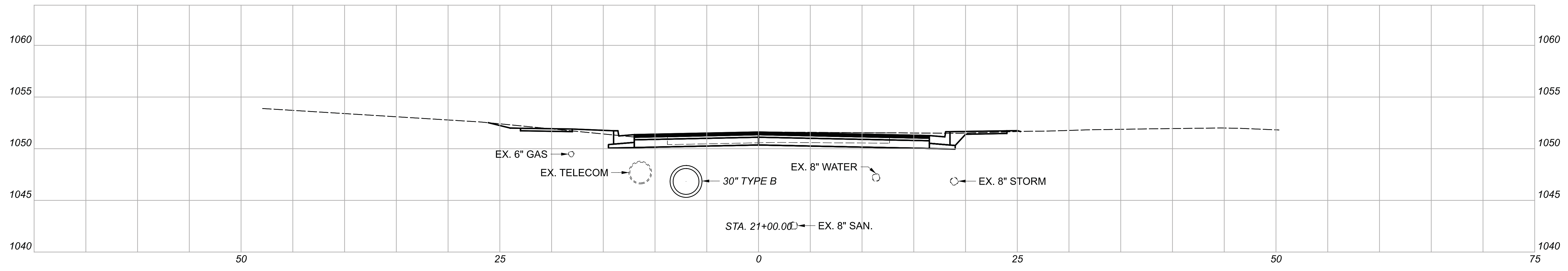
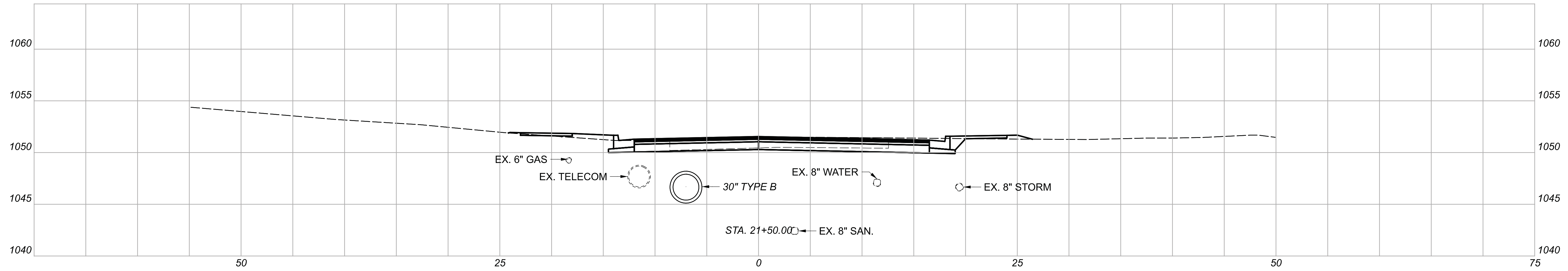
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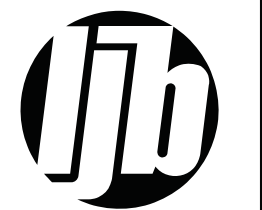
SHEET	TOTAL
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CROSS SECTIONS  
 STA. 20+50.00 TO STA. 21+50.00

DESIGN AGENCY



DESIGNER

BMG

REVIEWER

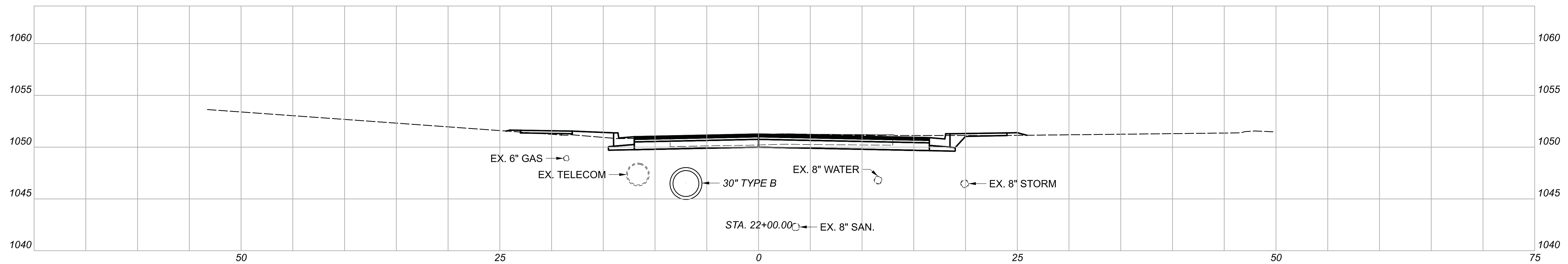
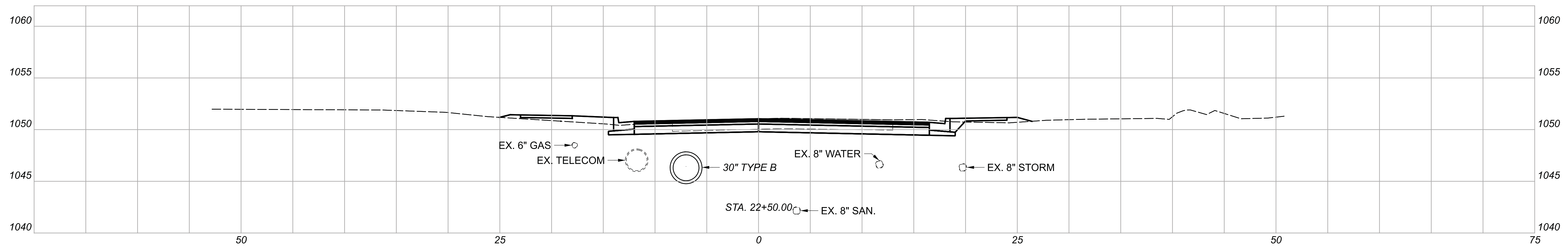
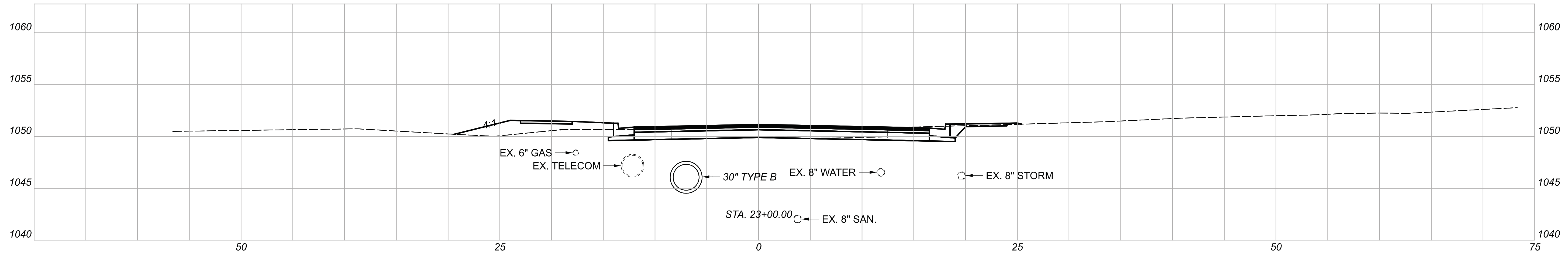
MAG 02/27/23

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112019

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SHEET	TOTAL
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CROSS SECTIONS  
 STA. 22+00.00 TO STA. 23+00.00

DESIGN AGENCY



DESIGNER

BMG

REVIEWER

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112019

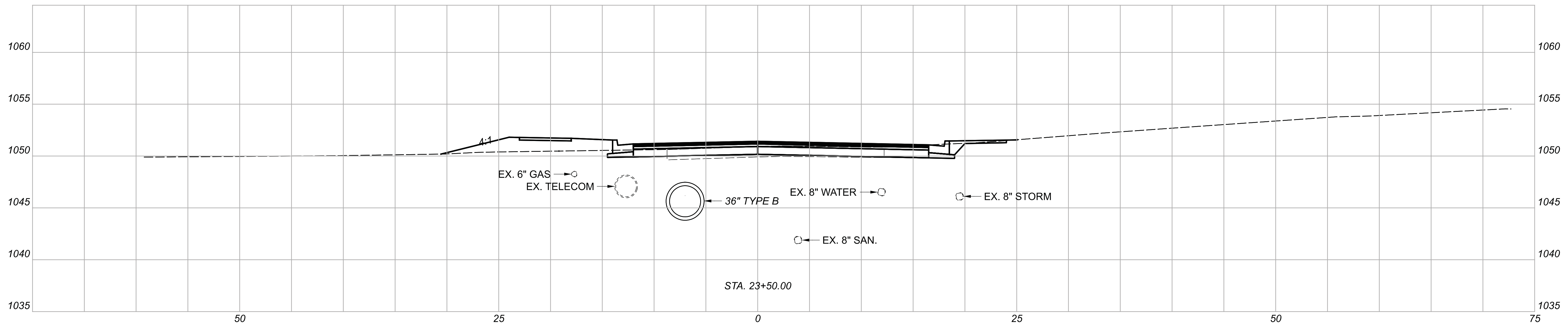
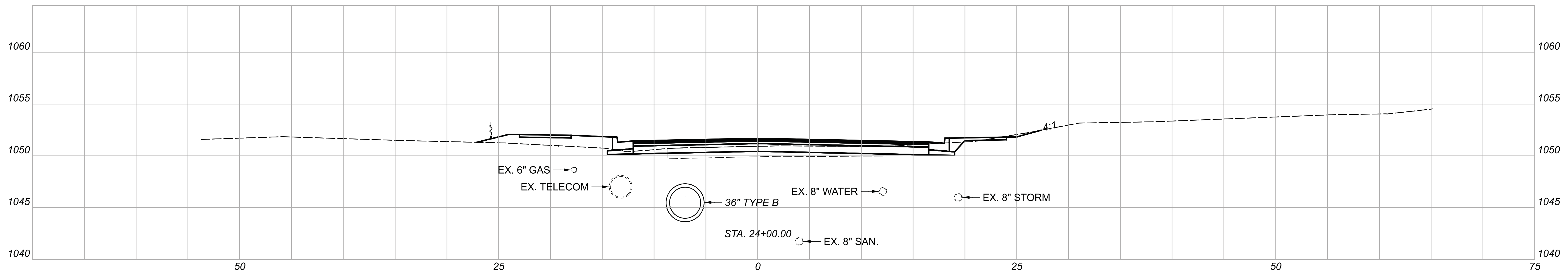
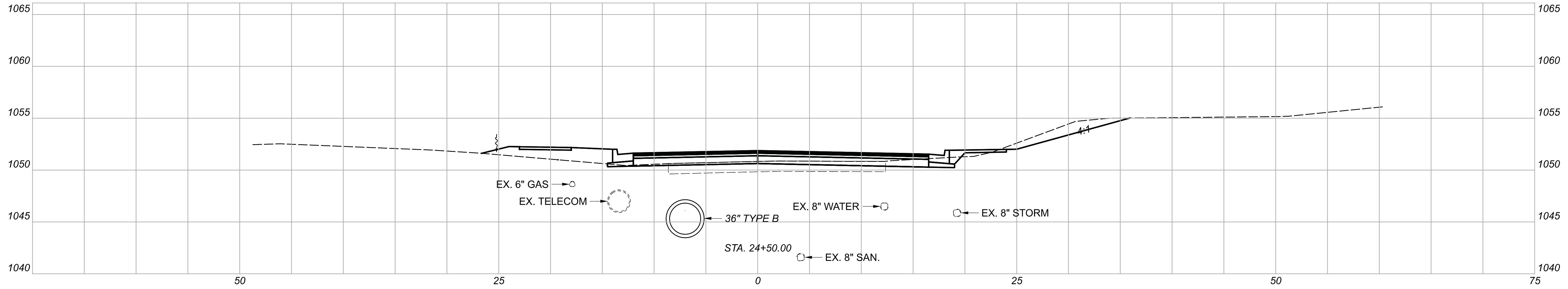
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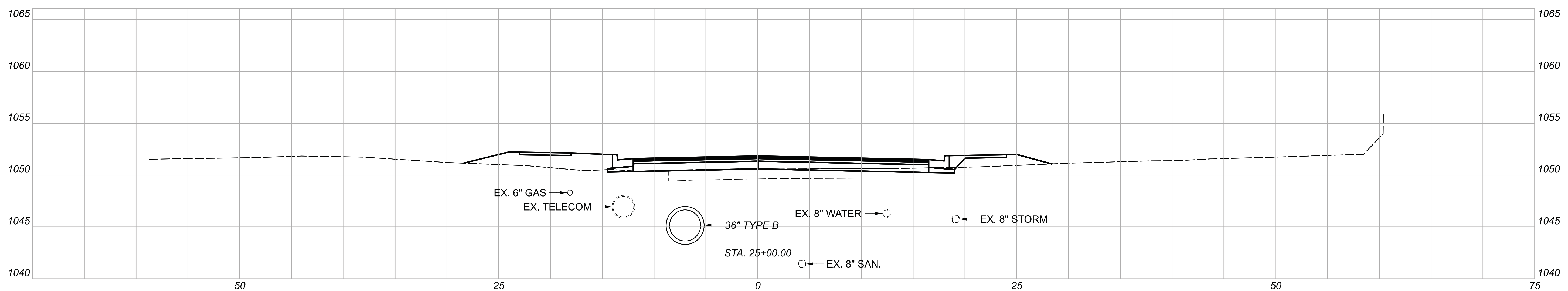
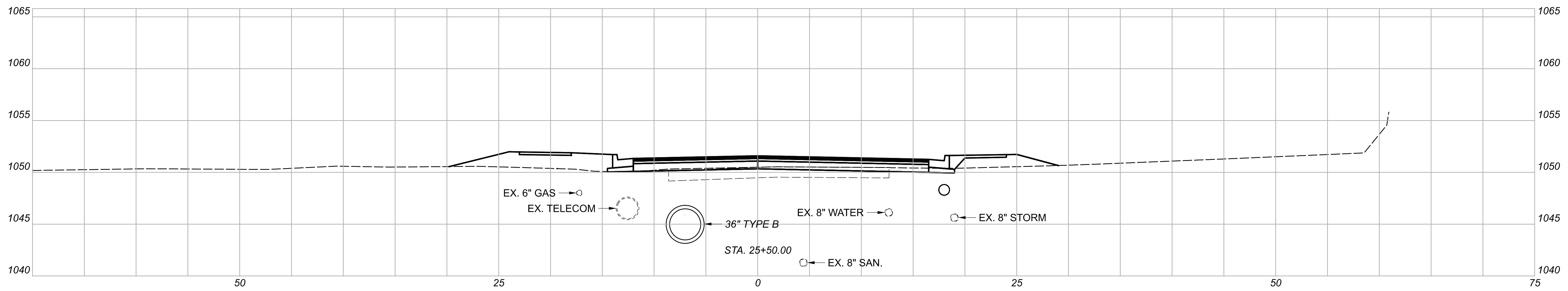
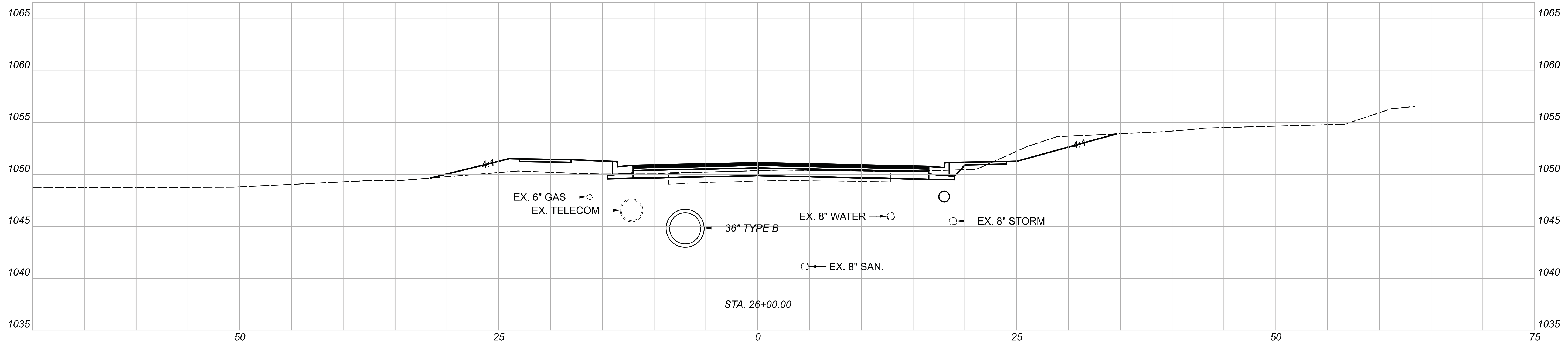
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CROSS SECTIONS  
 STA. 23+50.00 TO STA. 24+50.00

DESIGN AGENCY		
DESIGNER	BMG	
REVIEWER	MAG 02/27/23	
PROJECT ID	112019	
Sheet Totals		
Seeding	Cut	Fill
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SHEET	TOTAL	
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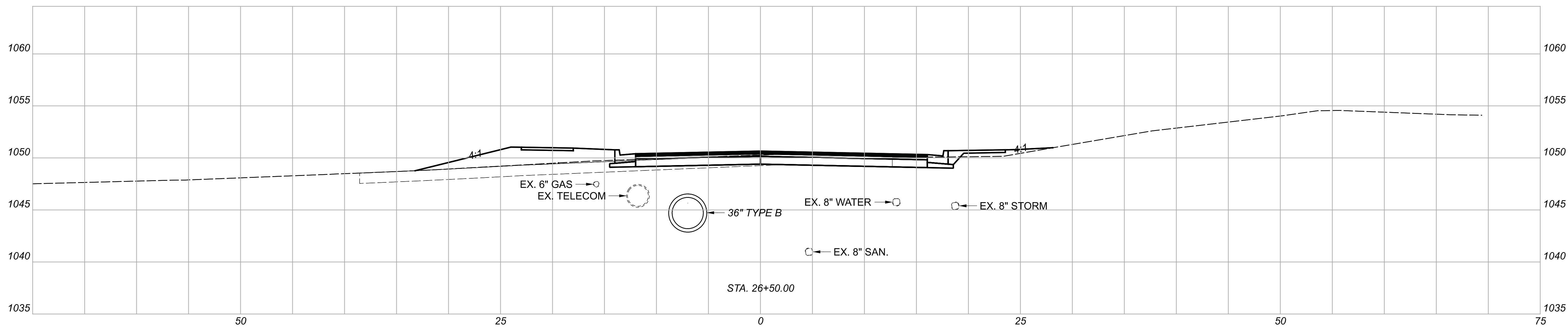
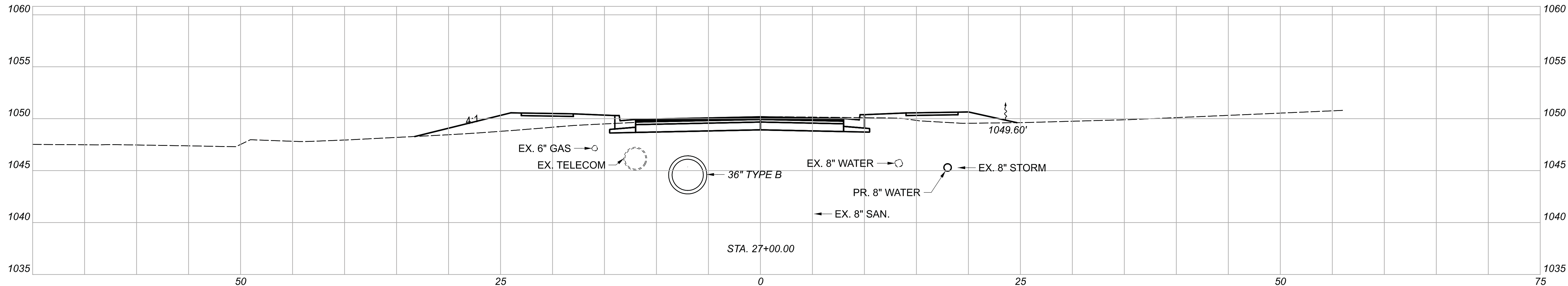
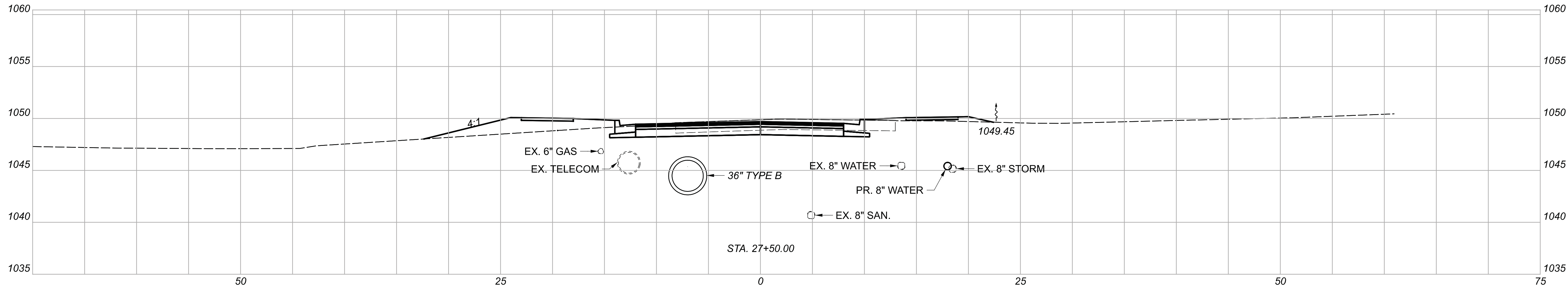




CROSS SECTIONS  
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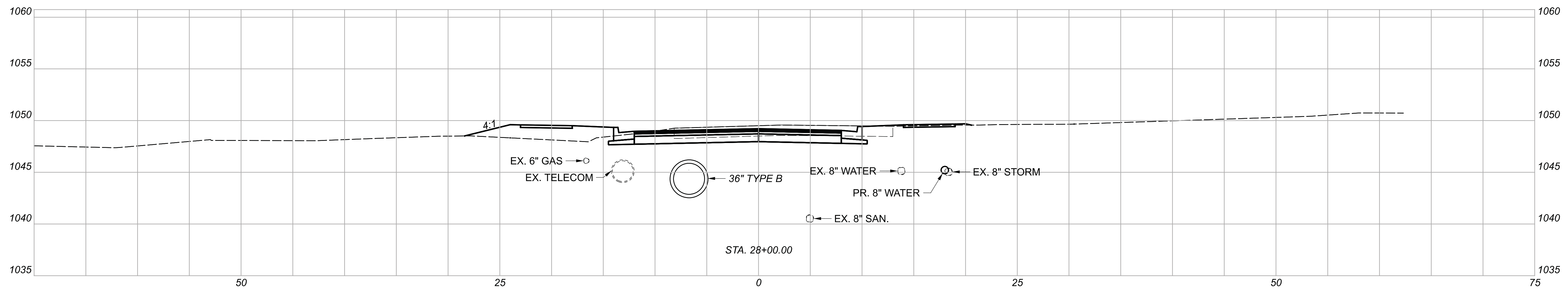
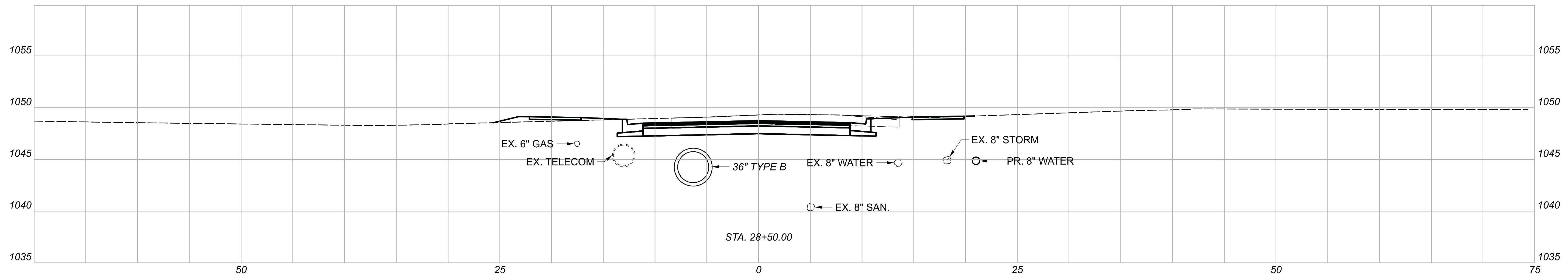
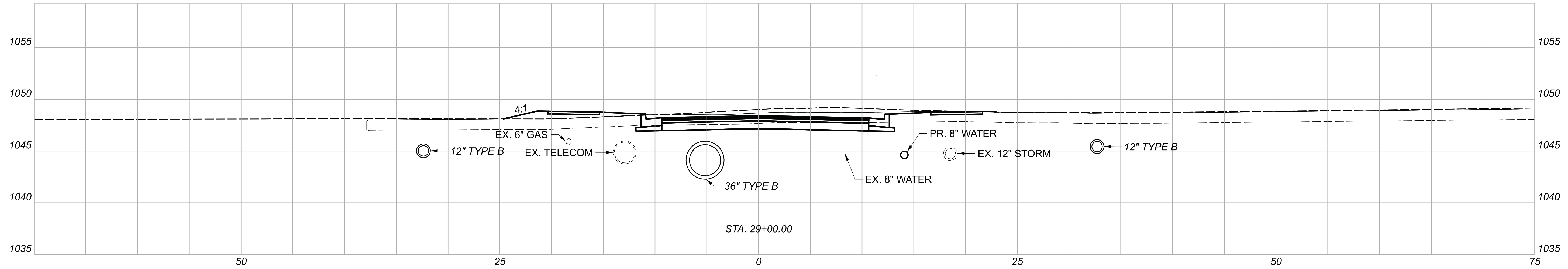
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REVIEWER	MAG 02/27/23
PROJECT ID	112019

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CROSS SECTIONS  
 STA. 26+50.00 TO STA. 27+50.00

DESIGN AGENCY					
DESIGNER	BMG				
REVIEWER	MAG 02/27/23				
PROJECT ID	112019				
Sheet Totals	Seeding	Cut	Fill	SHEET	TOTAL
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CROSS SECTIONS  
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DESIGN AGENCY



DESIGNER

BMG

REVIEWER

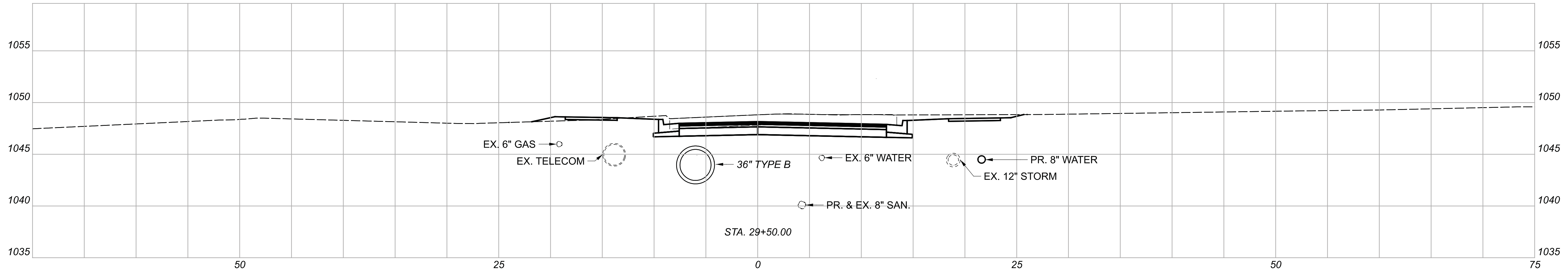
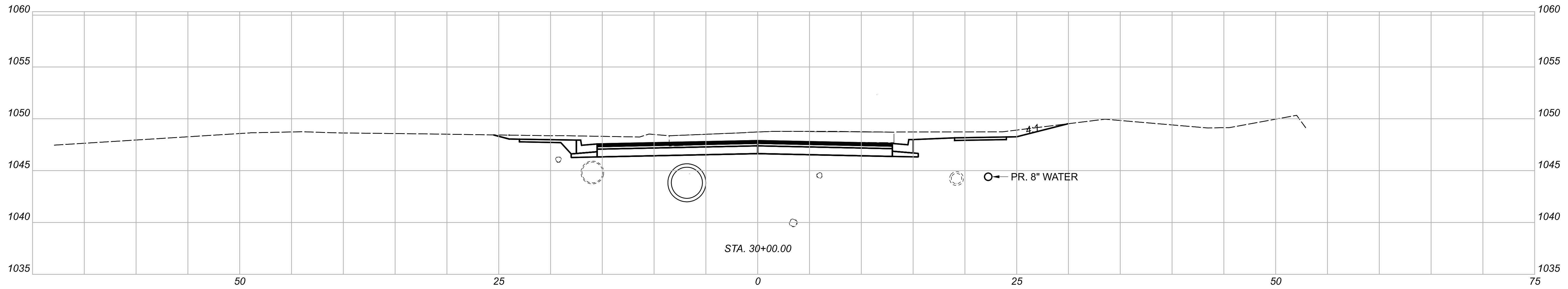
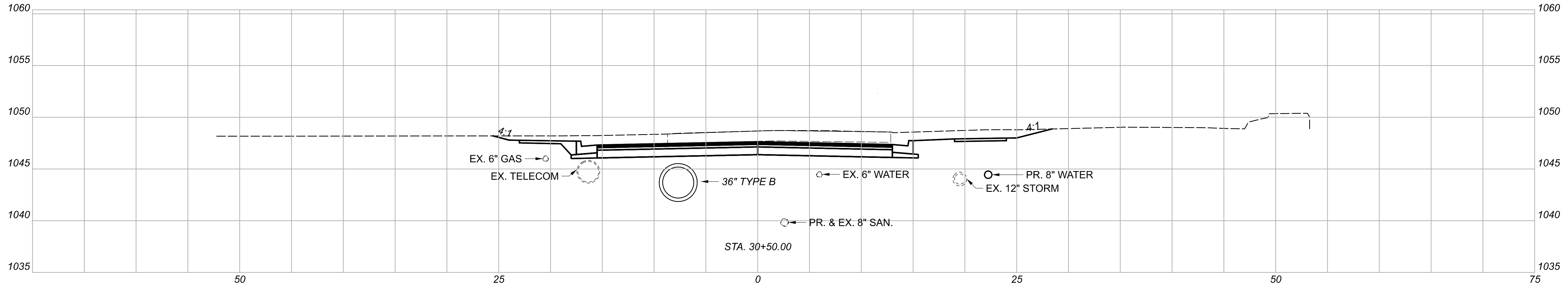
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112019

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SHEET	TOTAL
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CROSS SECTIONS  
 STA. 29+50.00 TO STA. 30+50.00

DESIGN AGENCY



DESIGNER

BMG

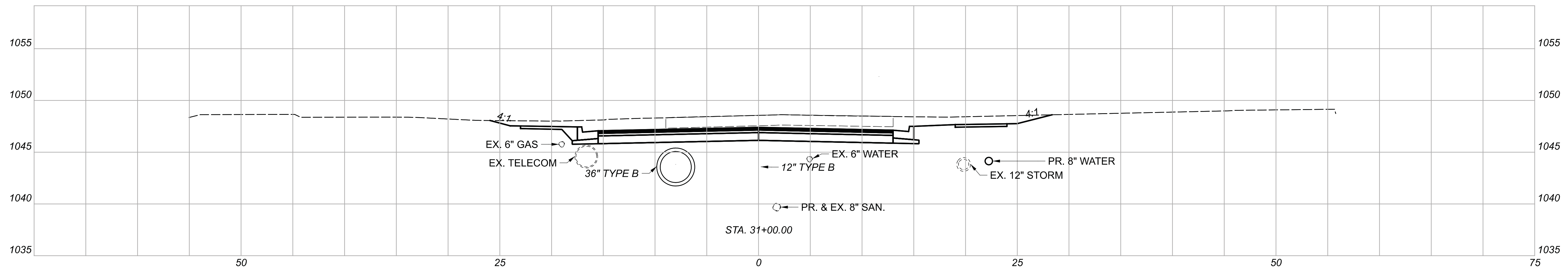
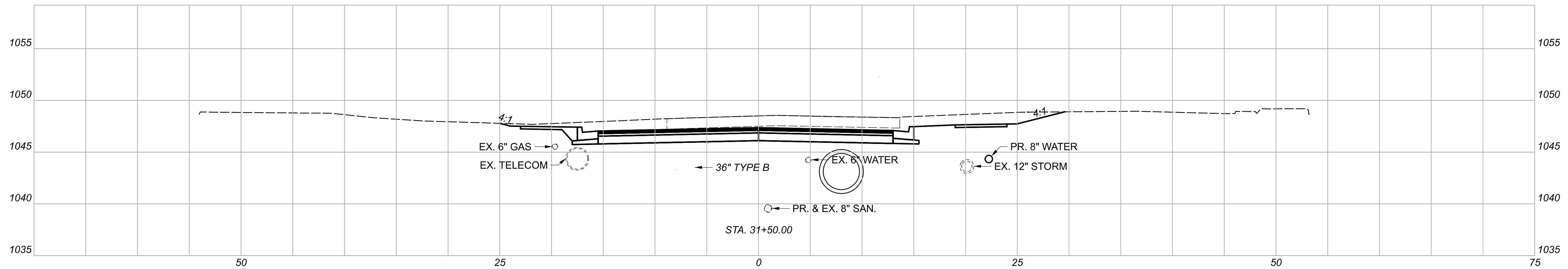
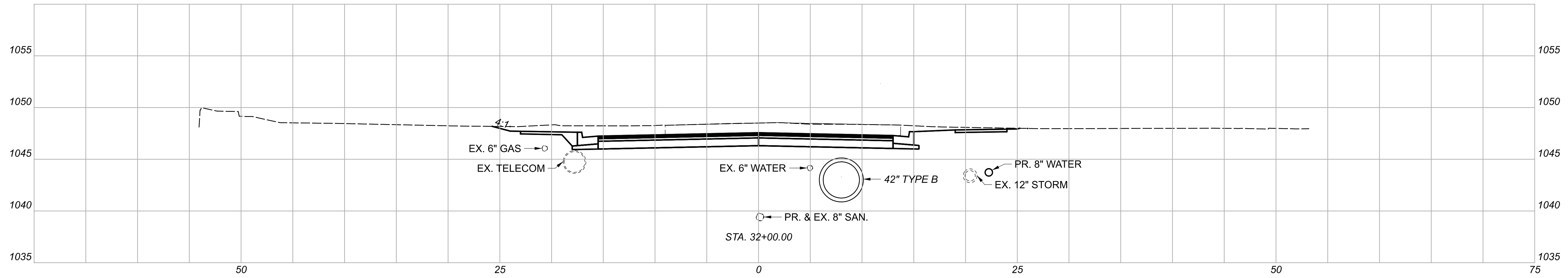
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112019

Sheet Totals			SHEET	TOTAL
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CROSS SECTIONS  
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DESIGN AGENCY



DESIGNER

BMG

REVIEWER

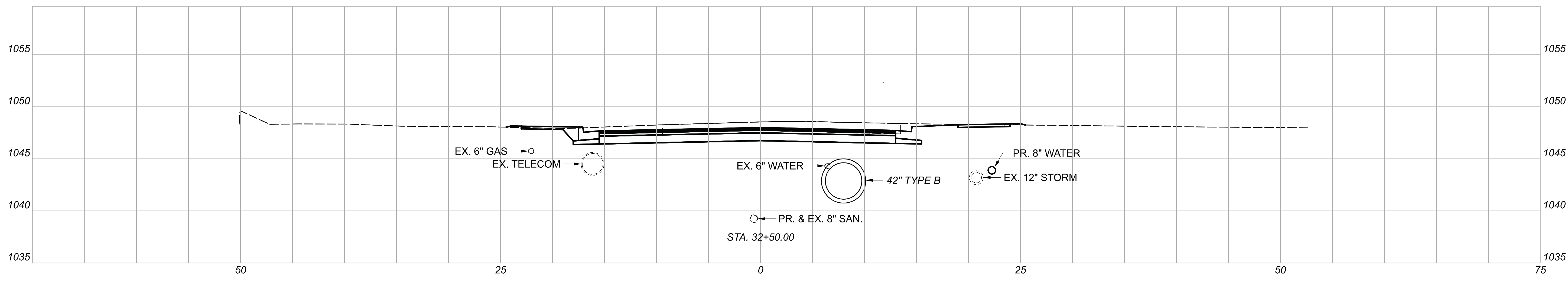
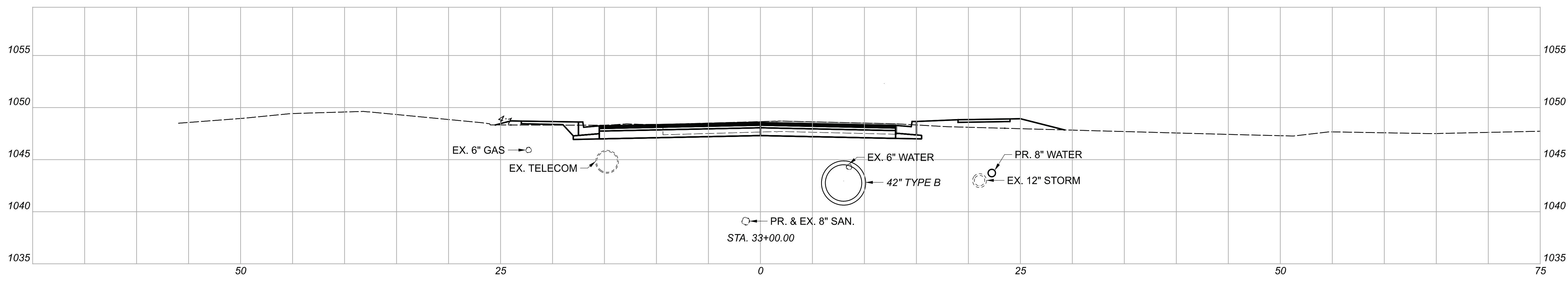
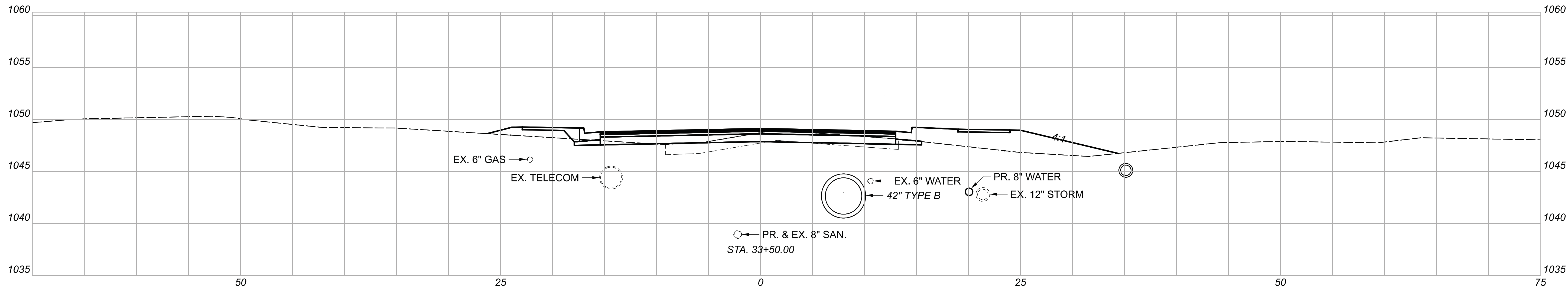
MAG 02/27/23

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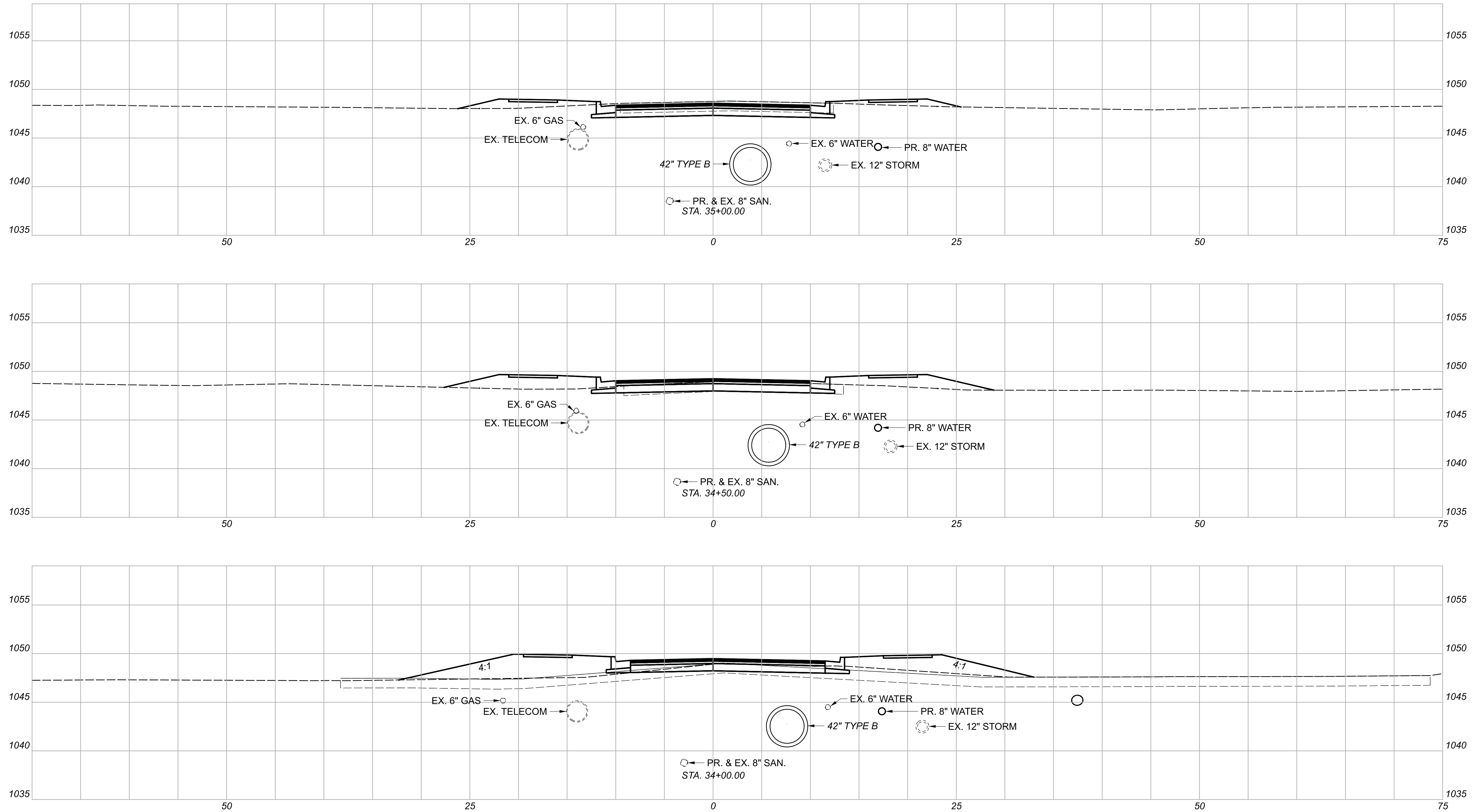
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CROSS SECTIONS  
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DESIGN AGENCY	
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REVIEWER	MAG 02/27/23
PROJECT ID	112019

Sheet Totals			SHEET	TOTAL
Seeding	Cut	Fill		
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CROSS SECTIONS  
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DESIGN AGENCY



DESIGNER

BMG

REVIEWER

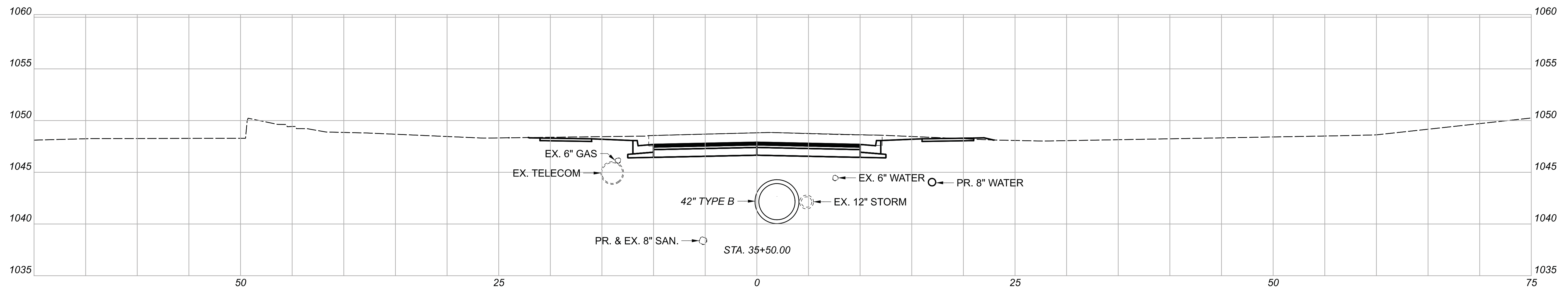
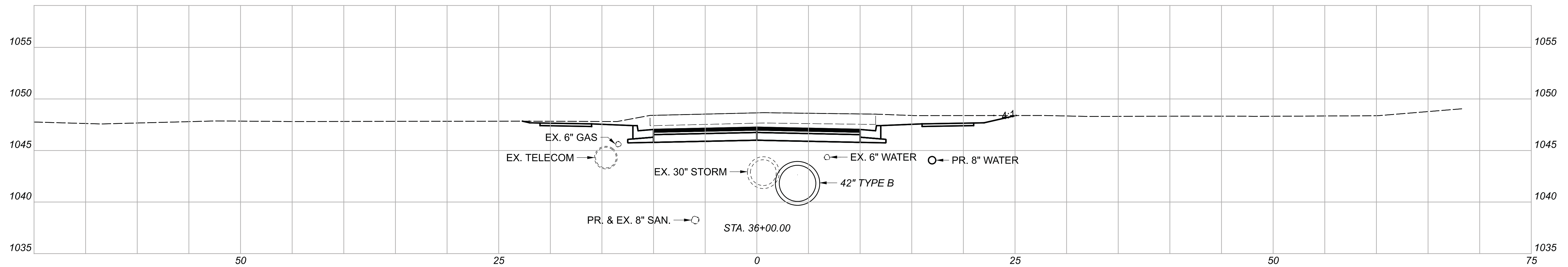
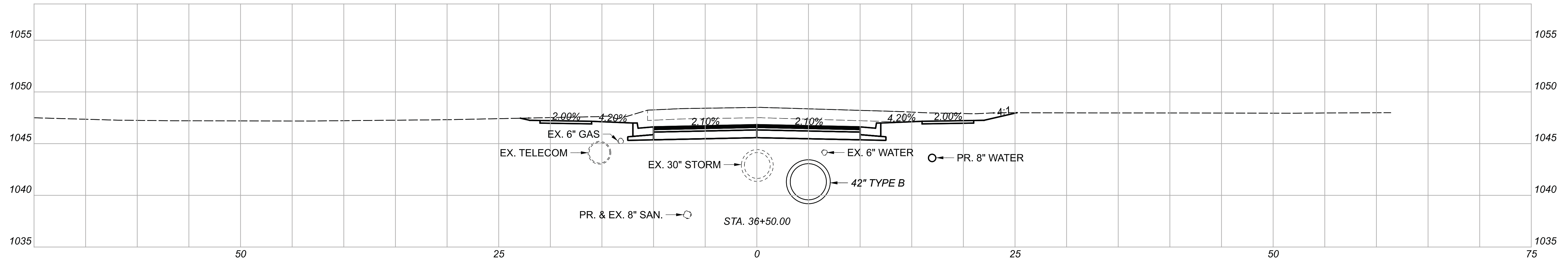
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SHEET	TOTAL
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CROSS SECTIONS  
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DESIGN AGENCY



DESIGNER

BMG

REVIEWER

MAG 02/27/23

PROJECT ID

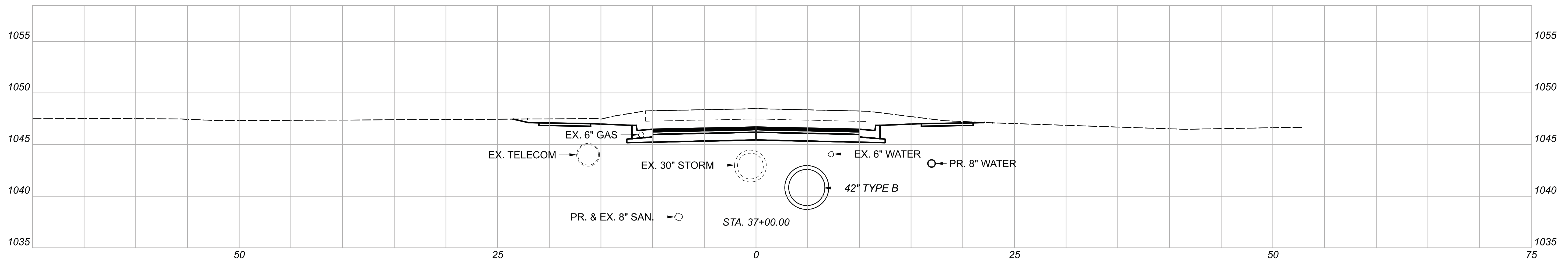
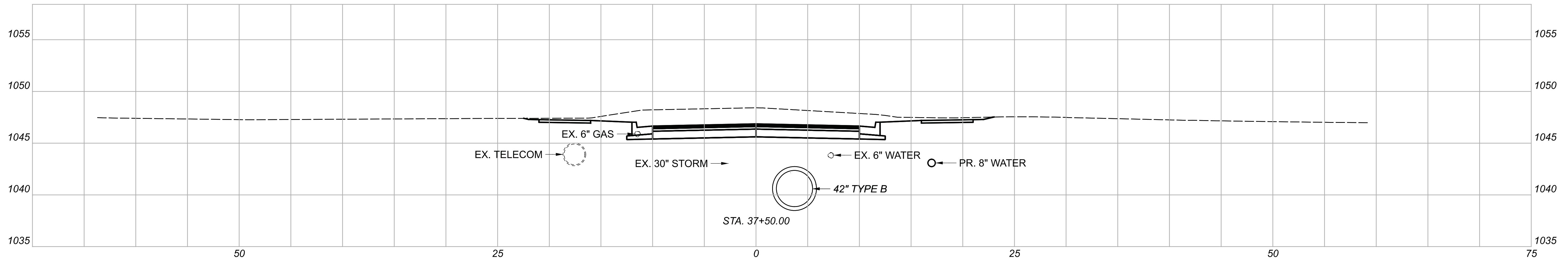
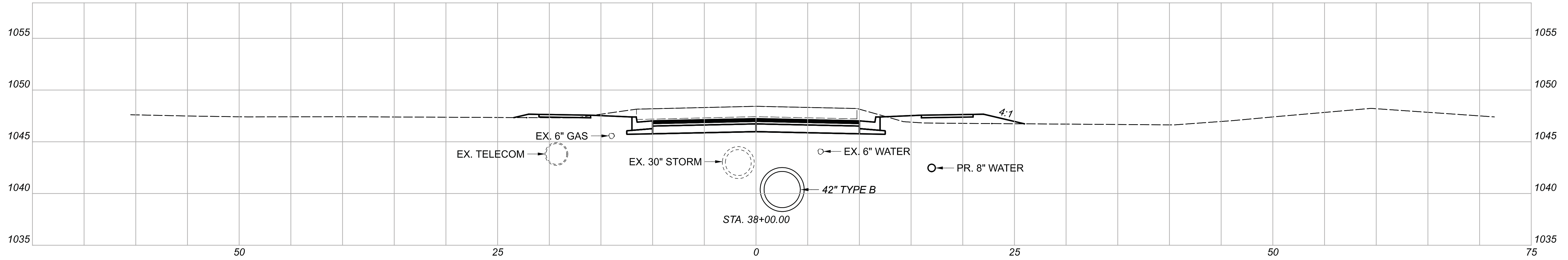
112019

Sheet Totals

Seeding	Cut	Fill
.	.	.

SHEET	TOTAL
64	222





CROSS SECTIONS  
 STA. 37+00.00 TO STA. 38+00.00

DESIGN AGENCY



DESIGNER

BMG

REVIEWER

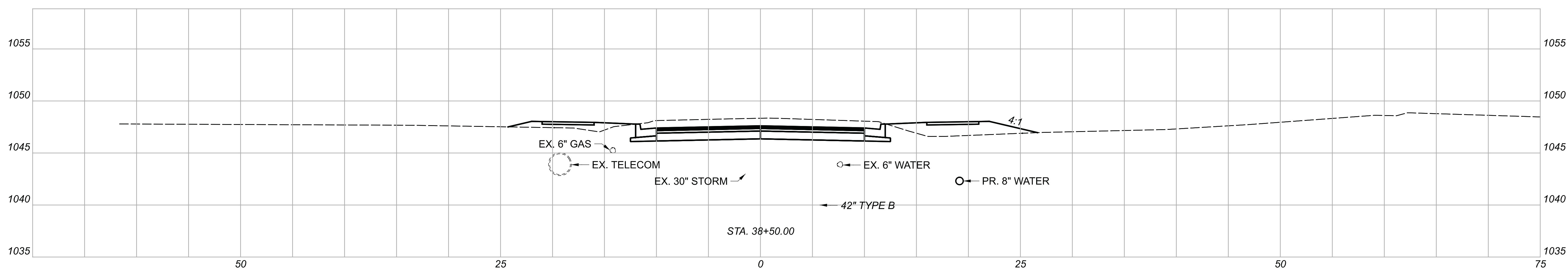
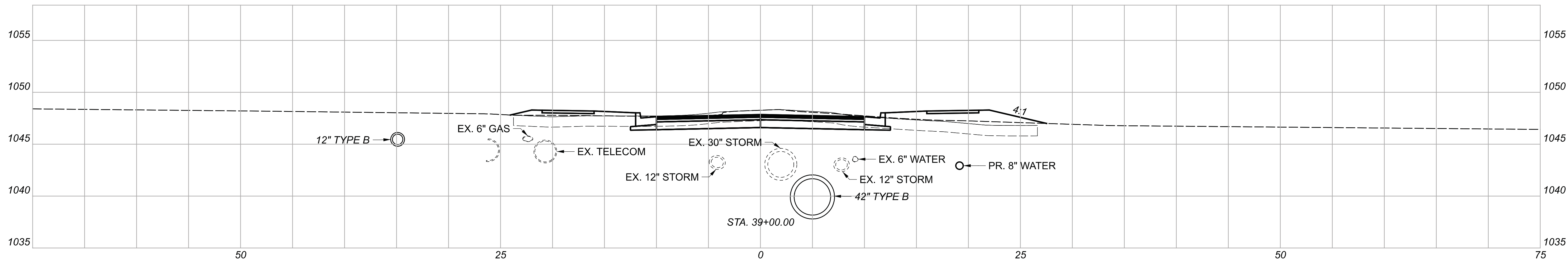
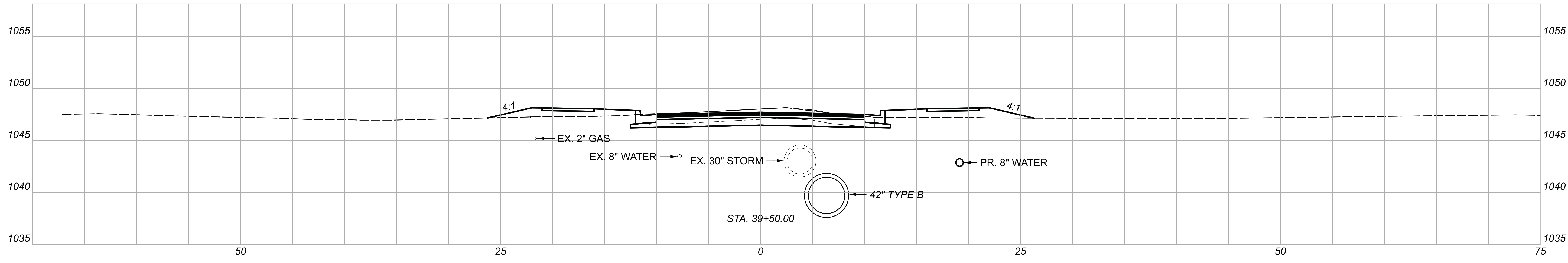
MAG 02/27/23

PROJECT ID

112019

Sheet Totals		
Seeding	Cut	Fill
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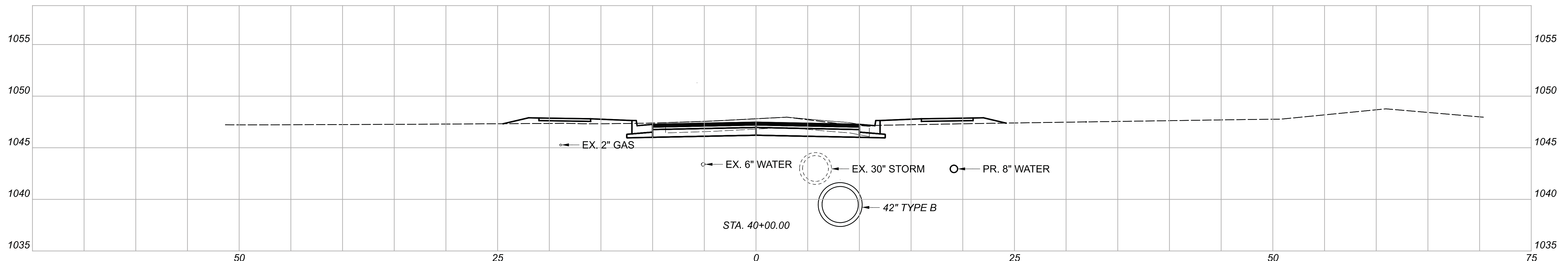
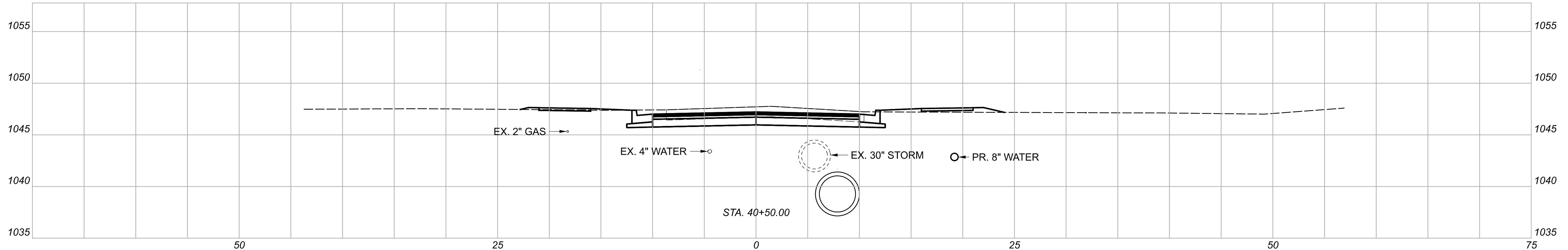
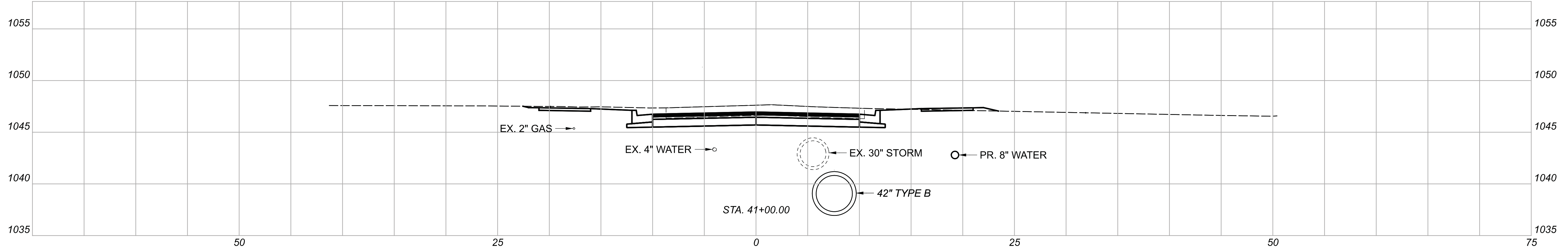
SHEET	TOTAL
65	222



CROSS SECTIONS  
 STA. 38+50.00 TO STA. 39+50.00

DESIGN AGENCY	
DESIGNER	BMG
REVIEWER	MAG 02/27/23
PROJECT ID	112019

Sheet Totals			TOTAL	
Seeding	Cut	Fill	SHEET	TOTAL
.	.	.	66	222



CROSS SECTIONS  
 STA. 40+00.00 TO STA. 41+00.00

DESIGN AGENCY



DESIGNER

BMG

REVIEWER

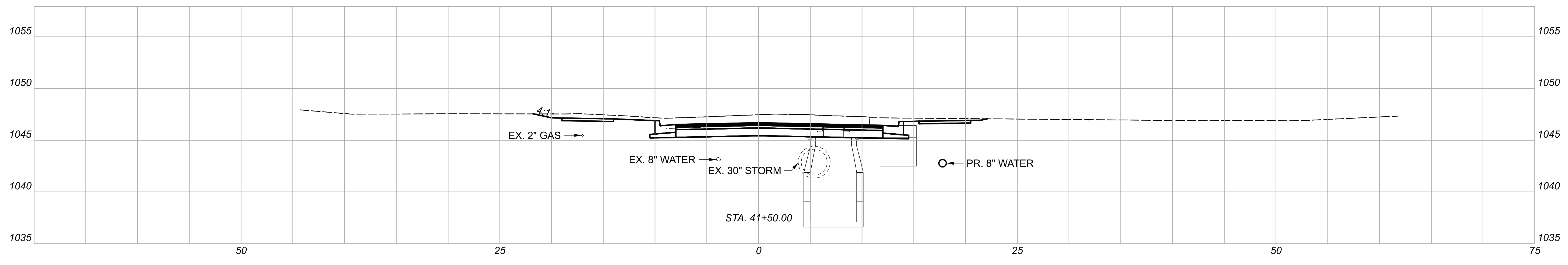
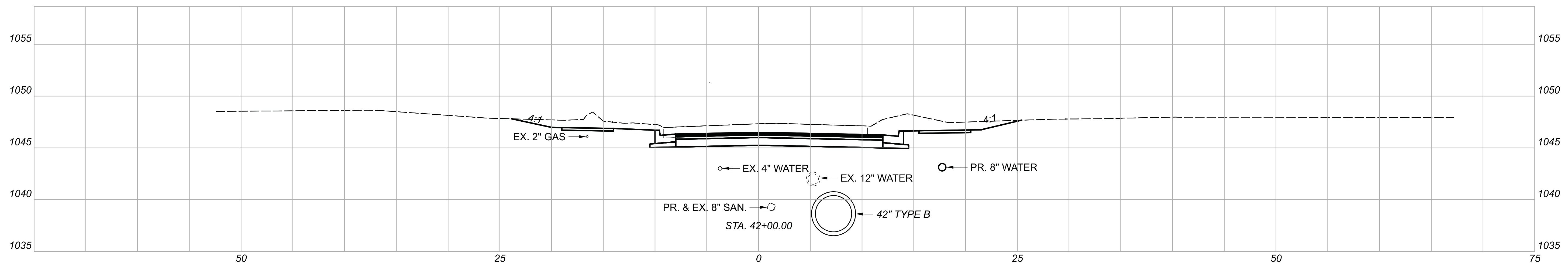
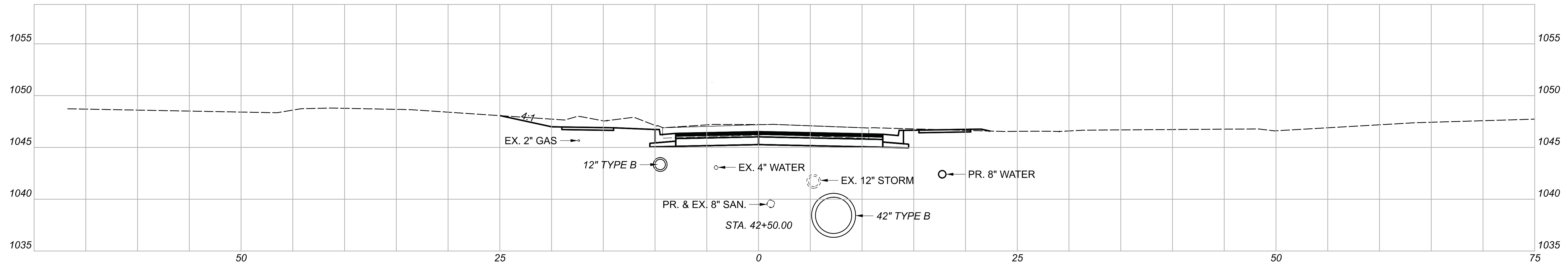
MAG 02/27/23

PROJECT ID

112019

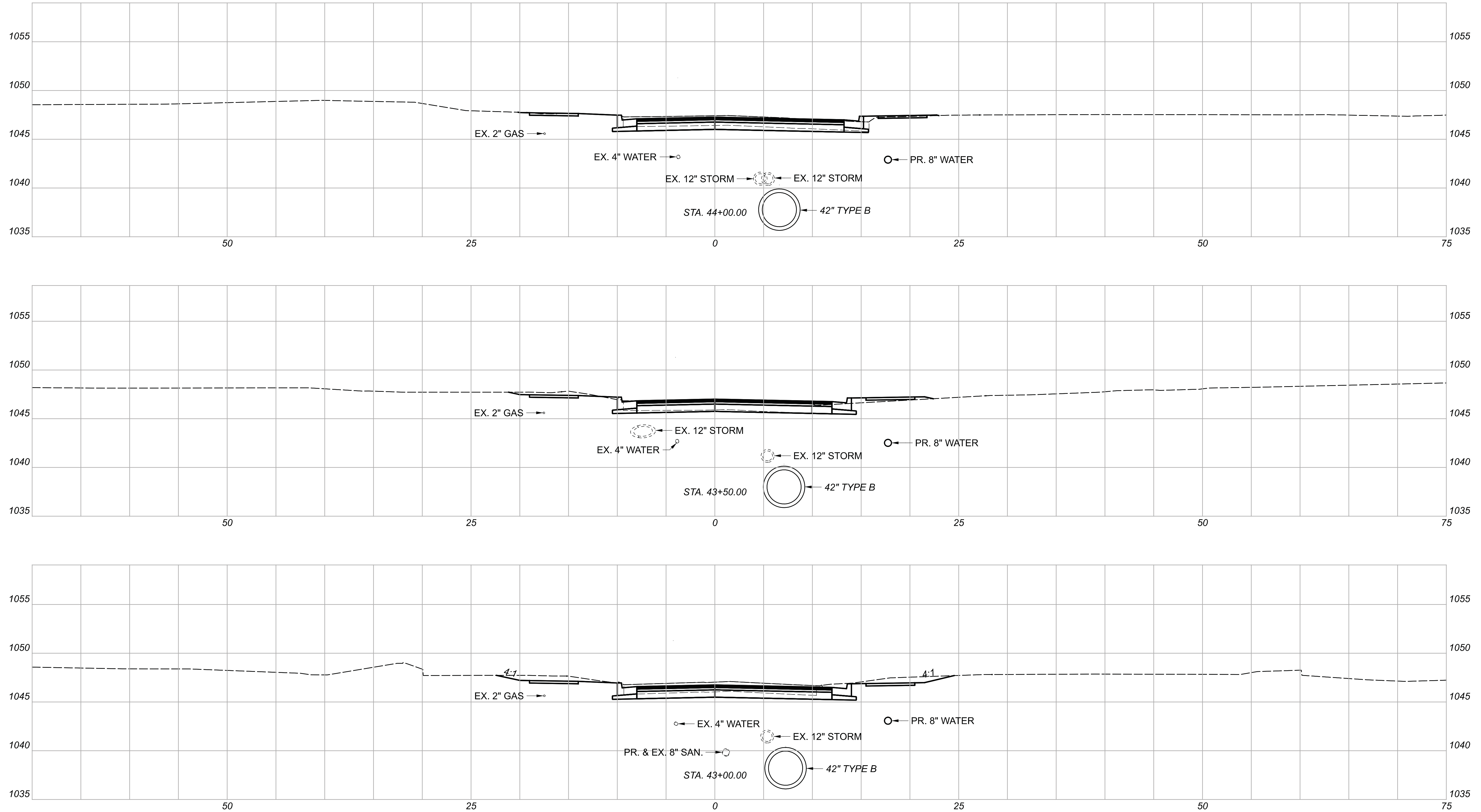
Sheet Totals		
Seeding	Cut	Fill
.	.	.

SHEET	TOTAL
67	222



CROSS SECTIONS  
 STA. 41+50.00 TO STA. 42+50.00

DESIGN AGENCY					
DESIGNER	BMG				
REVIEWER	MAG 02/27/23				
PROJECT ID	112019				
Sheet Totals	Seeding	Cut	Fill	SHEET	TOTAL
	.	.	.	68	222



CROSS SECTIONS  
 STA. 43+00.00 TO STA. 44+00.00

DESIGN AGENCY



DESIGNER

BMG

REVIEWER

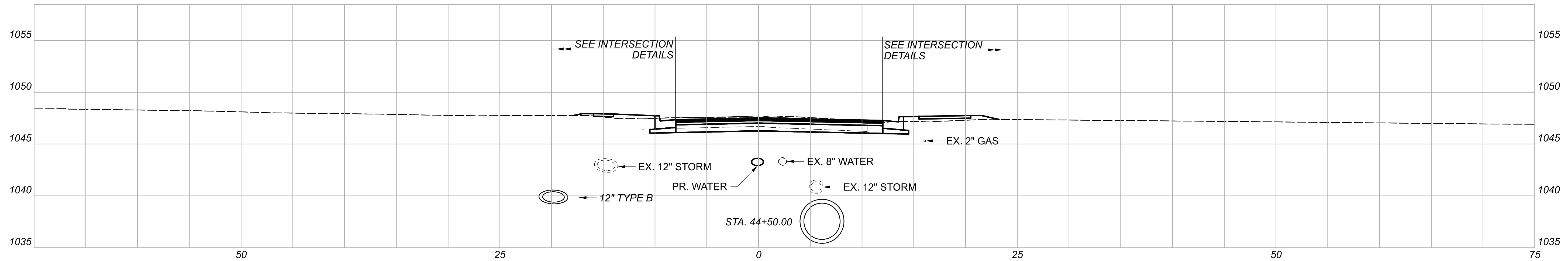
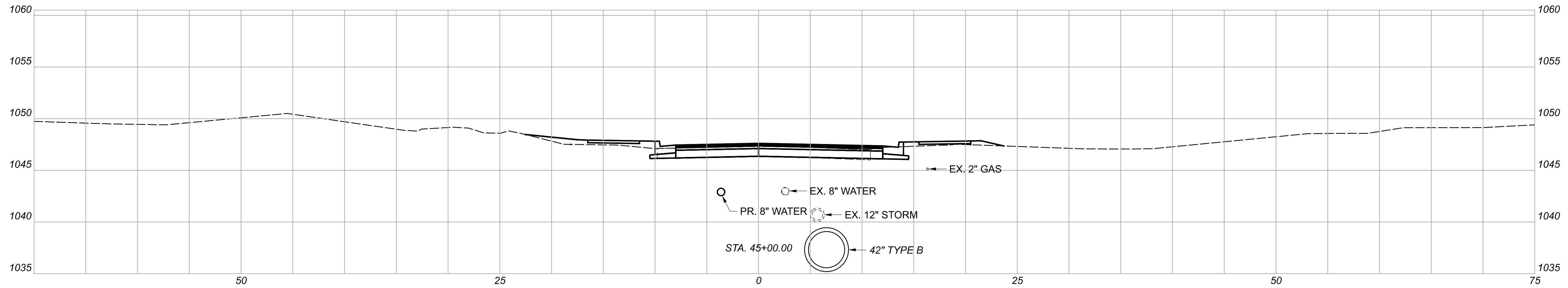
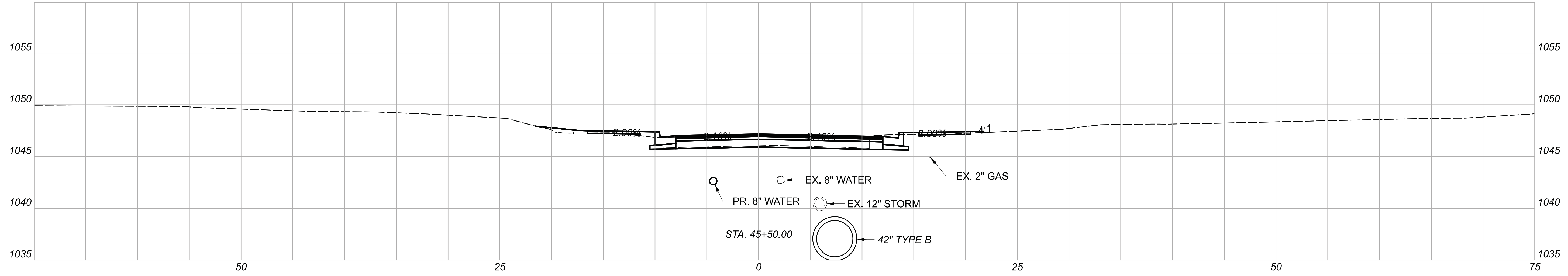
MAG 02/27/23

PROJECT ID

112019

Sheet Totals		
Seeding	Cut	Fill
.	.	.

SHEET	TOTAL
69	222



CROSS SECTIONS  
 STA. 44+50.00 TO STA. 45+50.00

DESIGN AGENCY



DESIGNER

BMG

REVIEWER

MAG 02/27/23

PROJECT ID

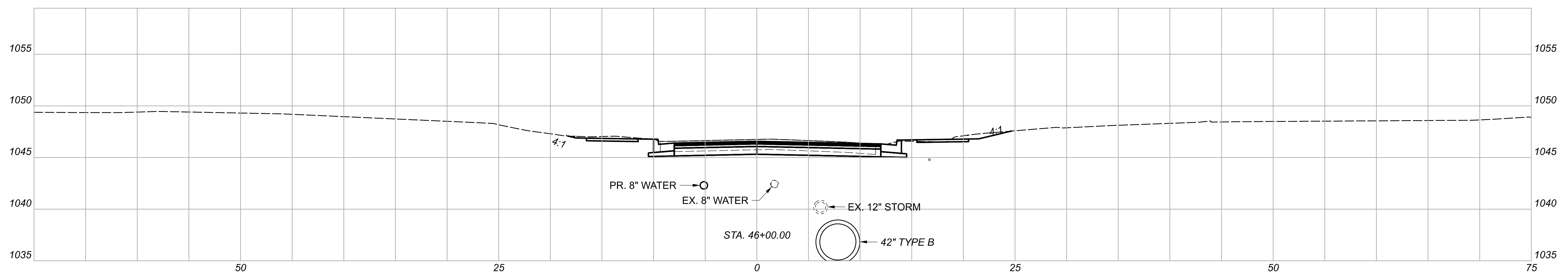
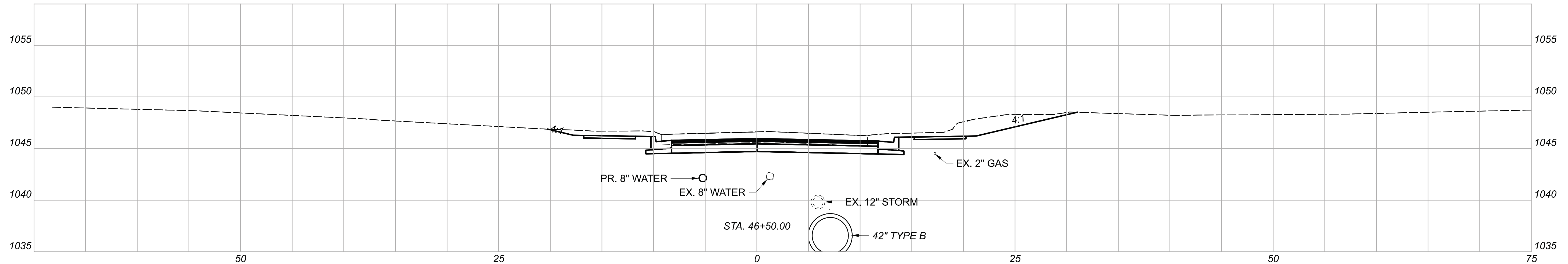
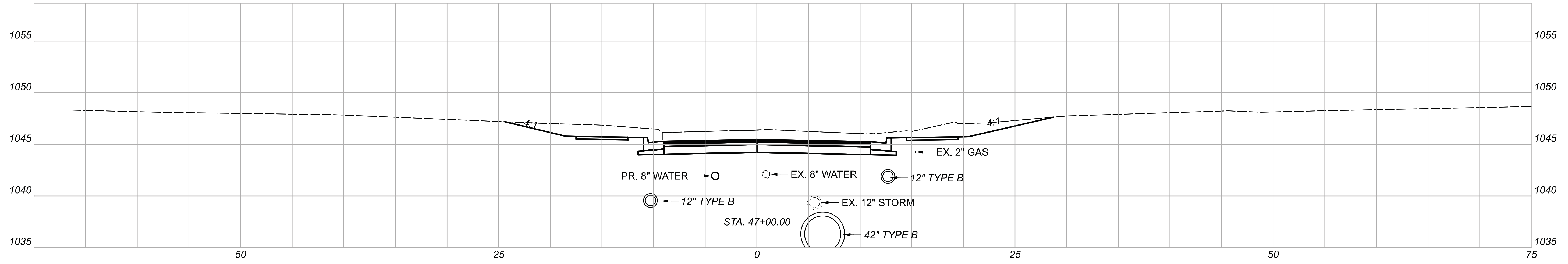
112019

Sheet Totals


Seeding	Cut	Fill
.	.	.

SHEET TOTAL

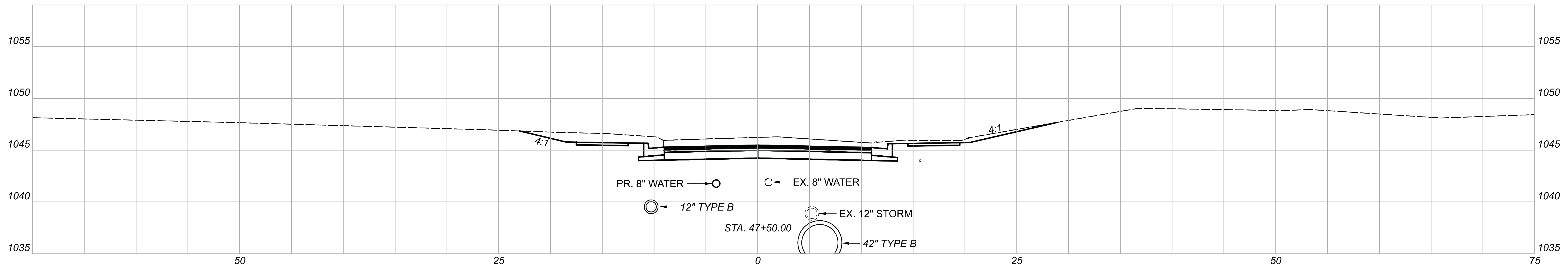
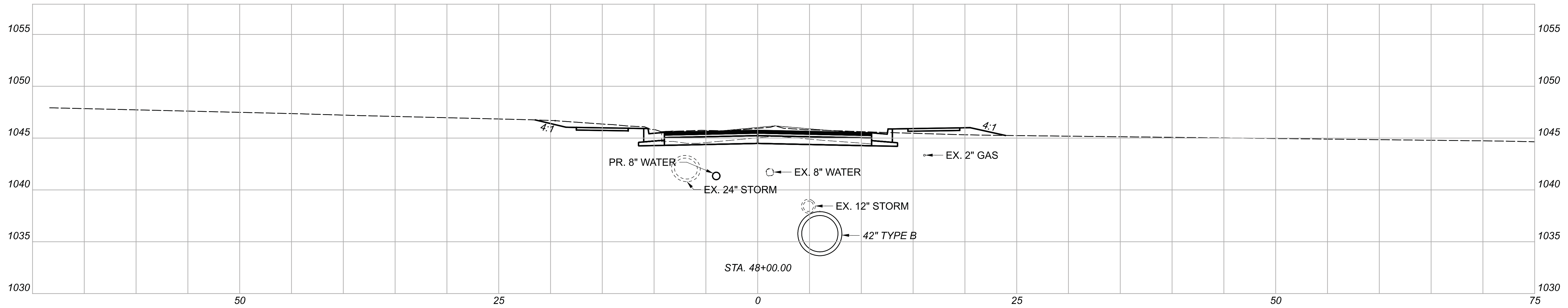
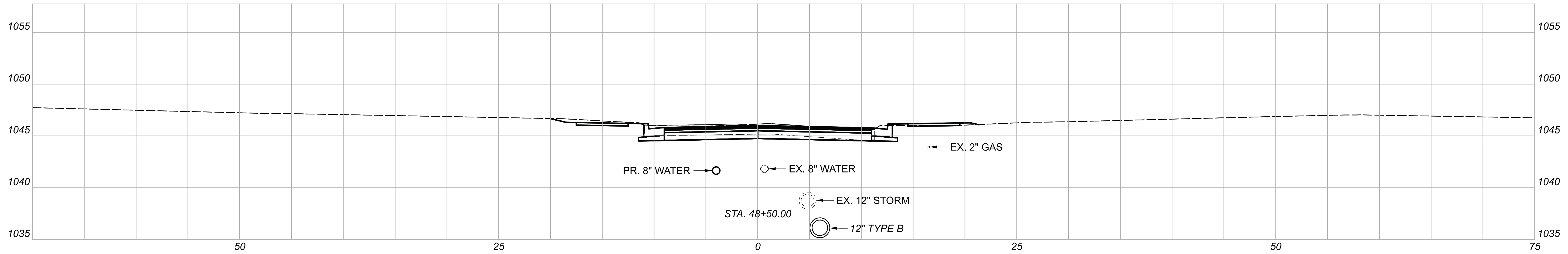
70	222
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CROSS SECTIONS  
 STA. 46+00.00 TO STA. 47+00.00

DESIGN AGENCY  
  
 DESIGNER  
 BMG  
 REVIEWER  
 MAG 02/27/23  
 PROJECT ID  
 112019

Sheet Totals			SHEET	TOTAL
Seeding	Cut	Fill		
.	.	.	71	222

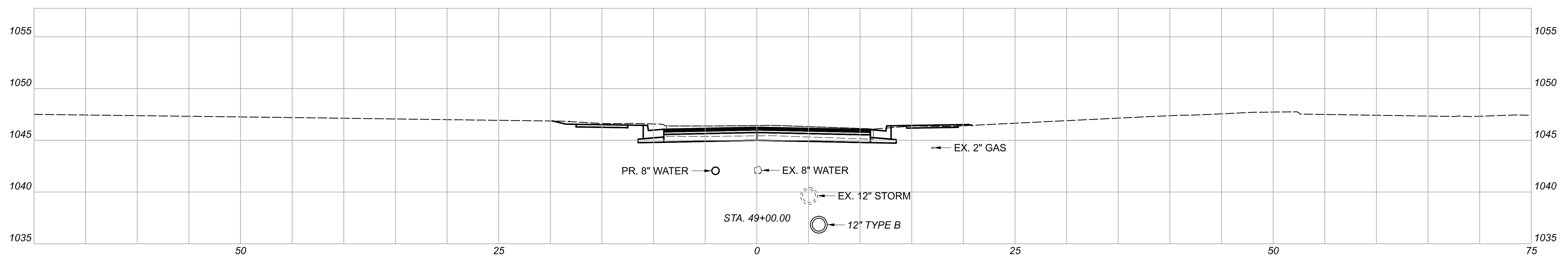
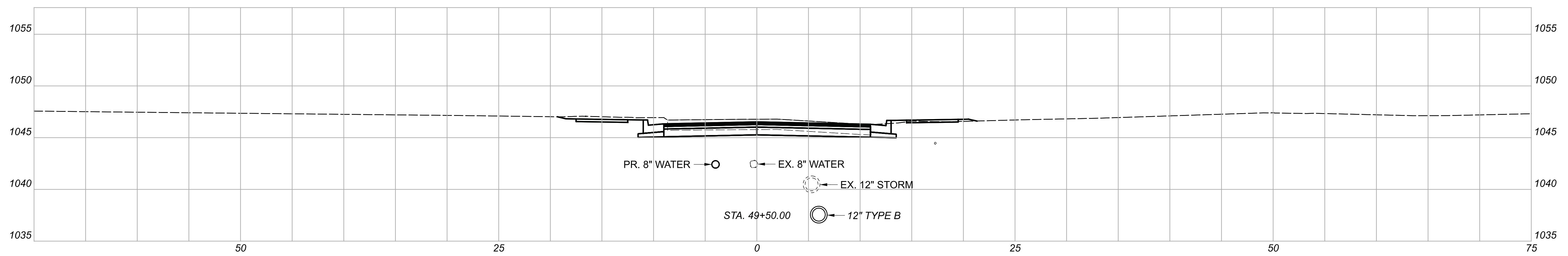
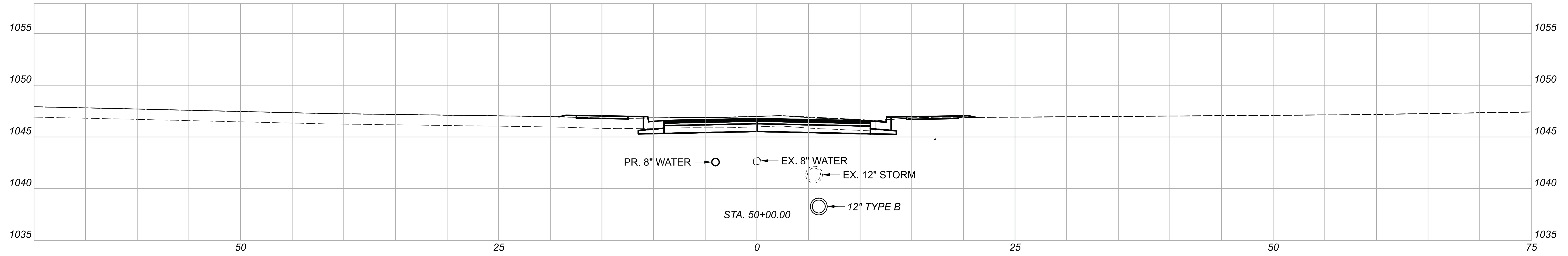


CROSS SECTIONS  
 STA. 47+50.00 TO STA. 48+50.00

DESIGN AGENCY		
DESIGNER	BMG	
REVIEWER	MAG 02/27/23	
PROJECT ID	112019	
SHEET TOTAL	72	222

Sheet Totals		
Seeding	Cut	Fill
.	.	.





CROSS SECTIONS  
 STA. 49+00.00 TO STA. 50+00.00

DESIGN AGENCY



DESIGNER

BMG

REVIEWER

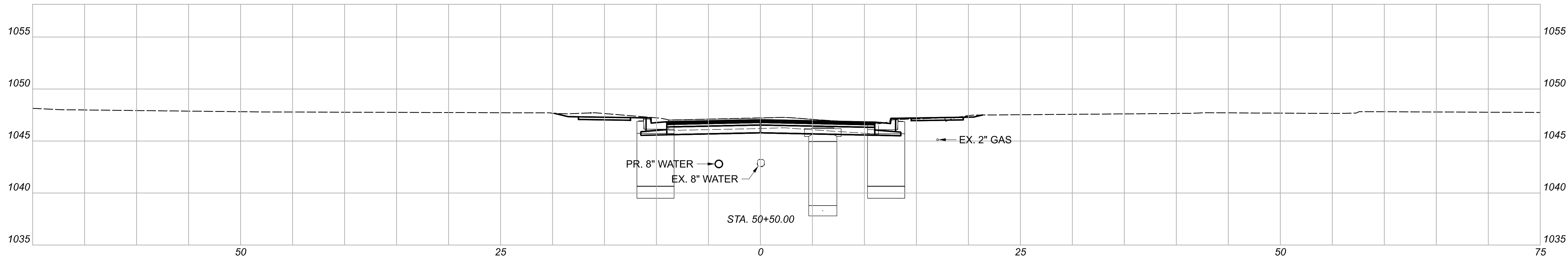
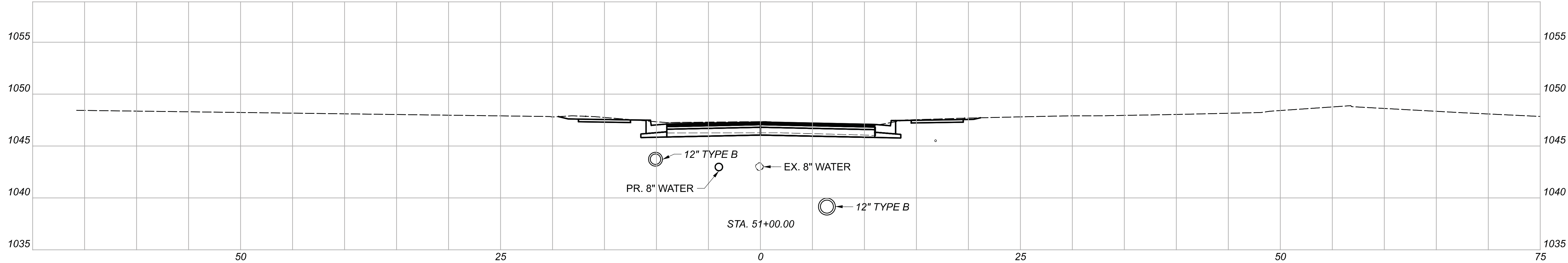
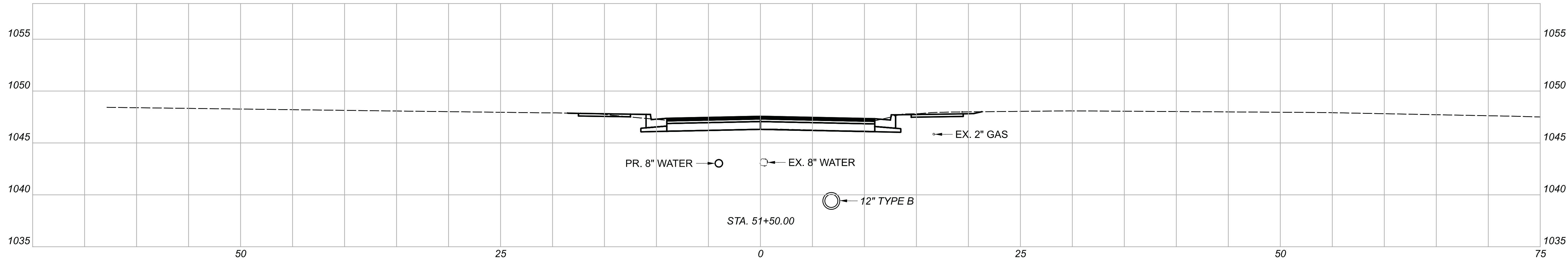
MAG 02/27/23

PROJECT ID

112019

Sheet Totals		
Seeding	Cut	Fill
.	.	.

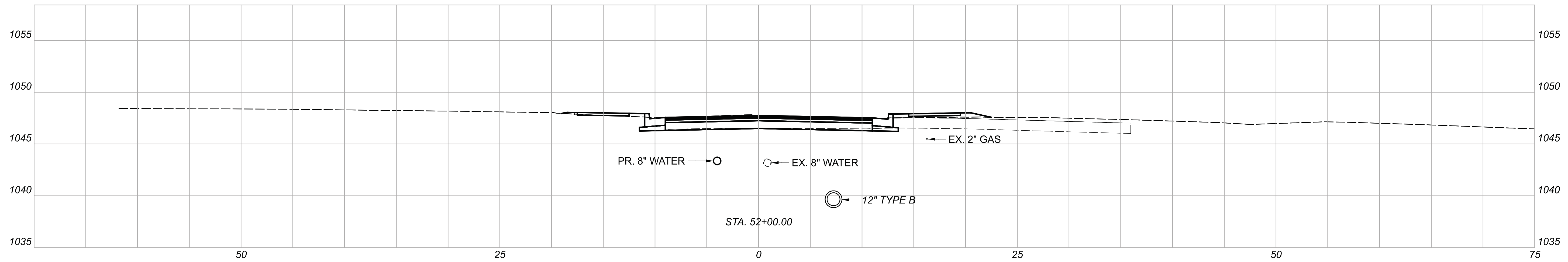
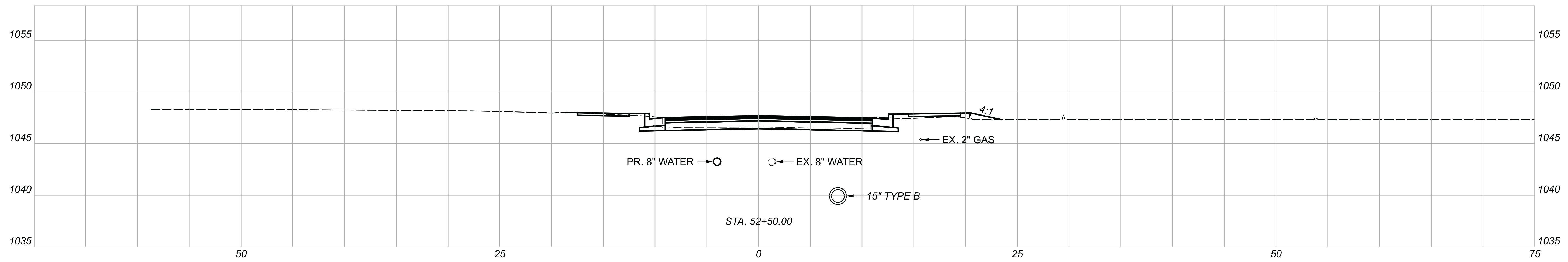
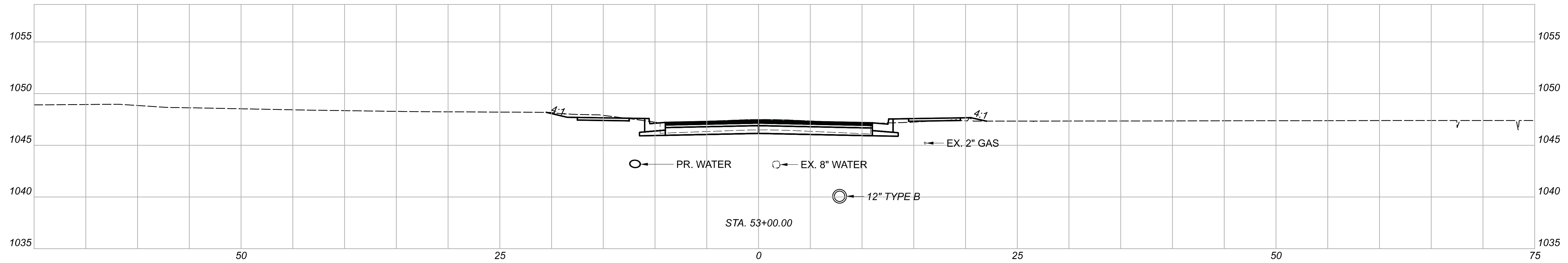
SHEET	TOTAL
73	222



CROSS SECTIONS  
 STA. 50+50.00 TO STA. 51+50.00

DESIGN AGENCY		
DESIGNER	BMG	
REVIEWER	MAG 02/27/23	
PROJECT ID	112019	
SHEET TOTAL	74	222

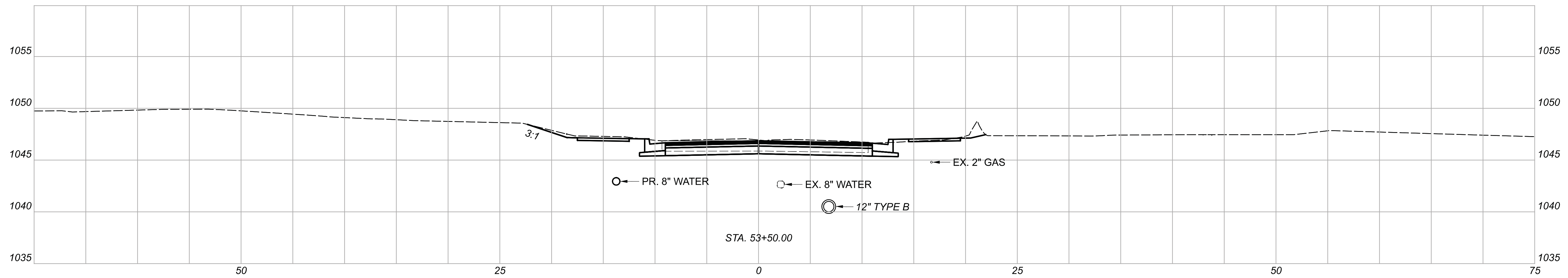
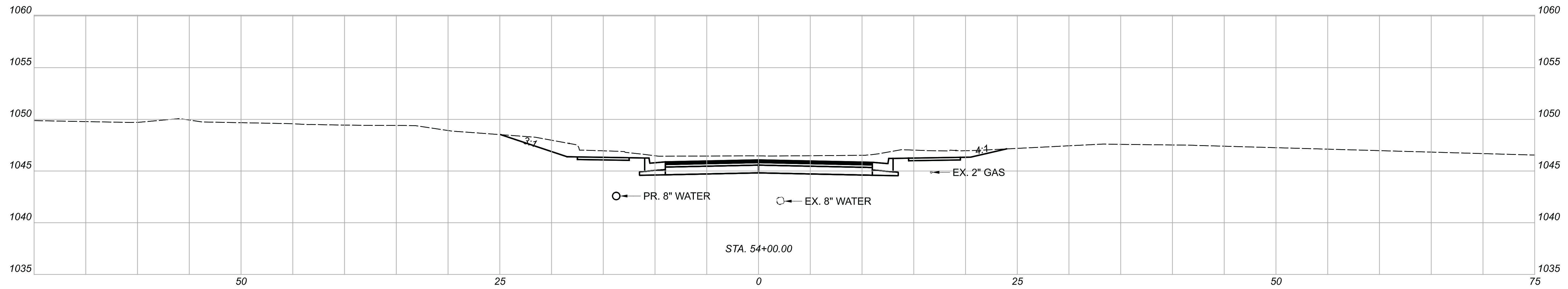
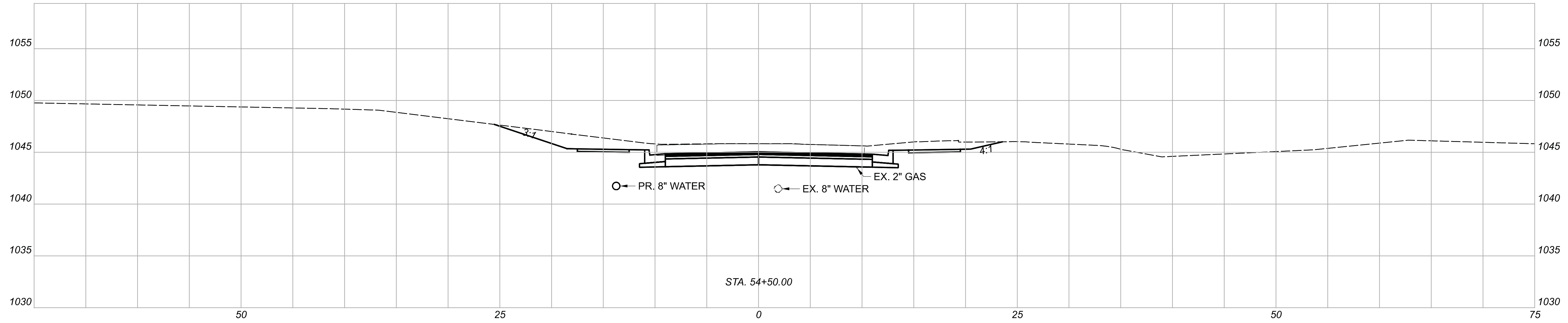
Sheet Totals		
Seeding	Cut	Fill
.	.	.



CROSS SECTIONS  
 STA. 52+00.00 TO STA. 53+00.00

DESIGN AGENCY	JTB	
DESIGNER	BMG	
REVIEWER	MAG 02/27/23	
PROJECT ID	112019	
SHEET TOTAL	75	222

Sheet Totals		
Seeding	Cut	Fill
.	.	.



CROSS SECTIONS  
 STA. 53+50.00 TO STA. 54+50.00

DESIGN AGENCY



DESIGNER

BMG

REVIEWER

MAG 02/27/23

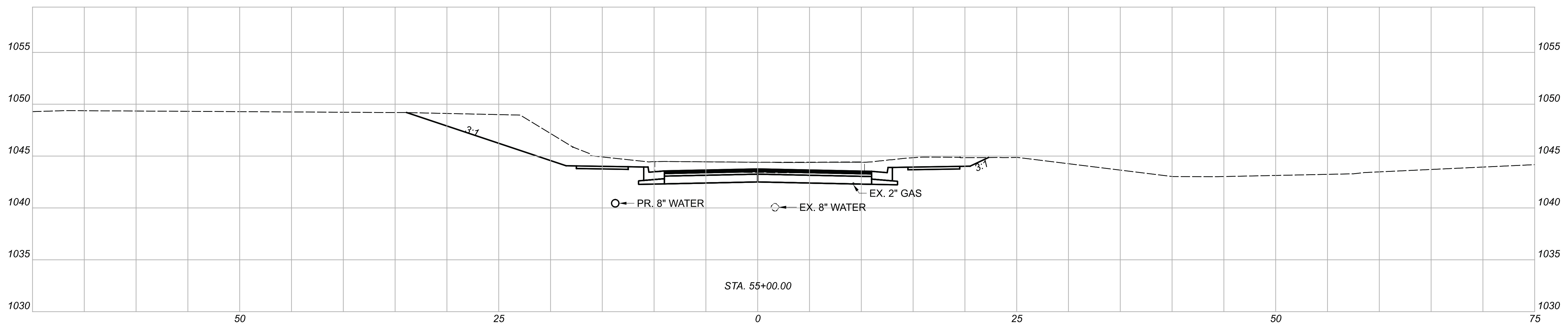
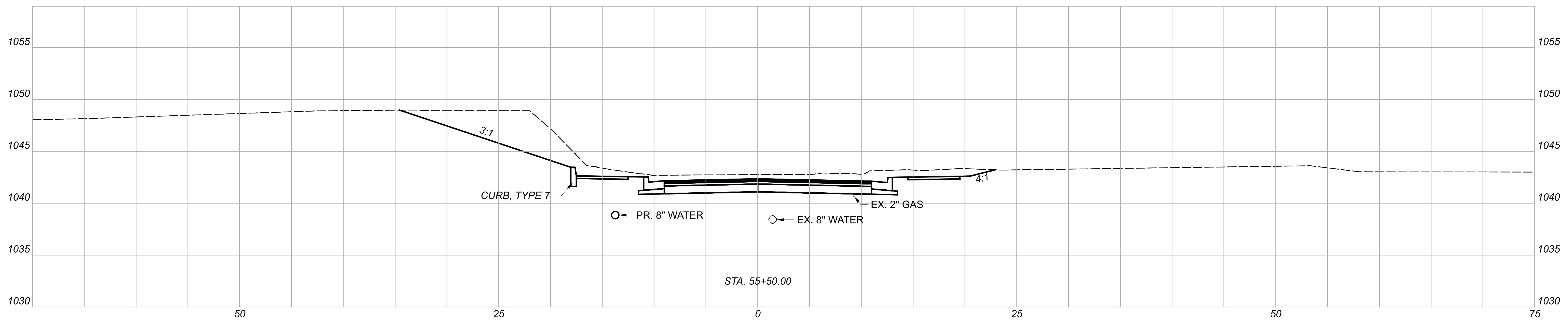
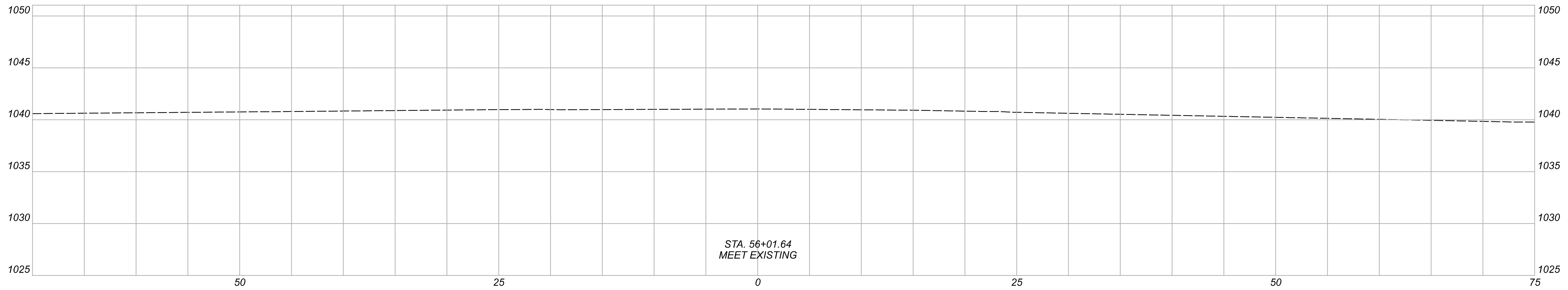
PROJECT ID

112019

Sheet Totals

Seeding	Cut	Fill
.	.	.

SHEET	TOTAL
76	222



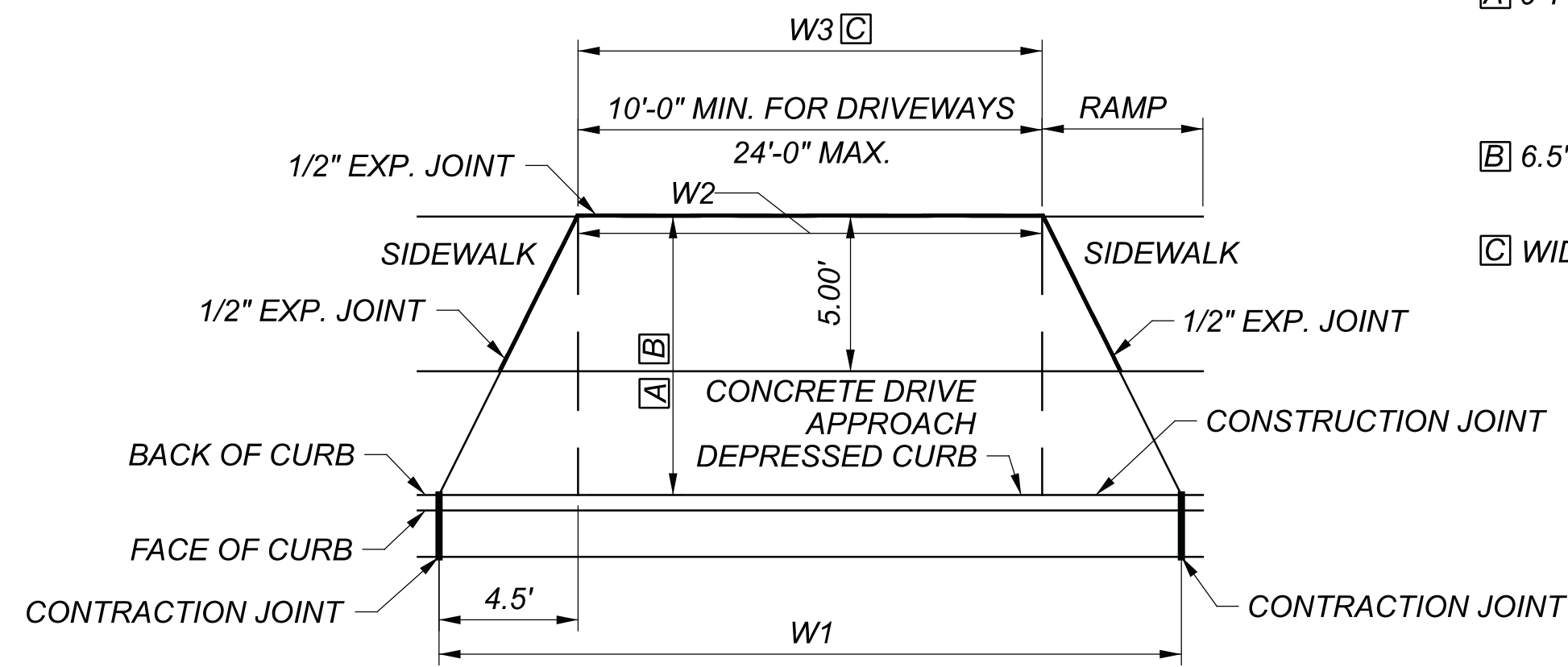
CROSS SECTIONS  
 STA. 55+00.00 TO STA. 56+00.00

DESIGN AGENCY		
DESIGNER	BMG	
REVIEWER	MAG 02/27/23	
PROJECT ID	112019	
Sheet Totals		
Seeding	Cut	Fill
.	.	.
SHEET	TOTAL	
77	222	

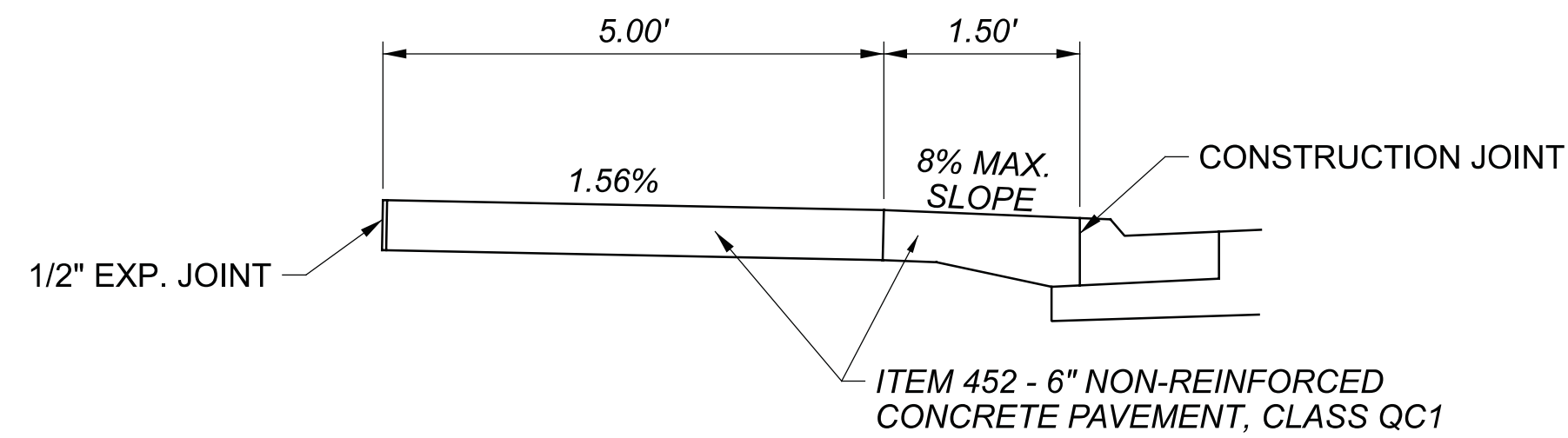
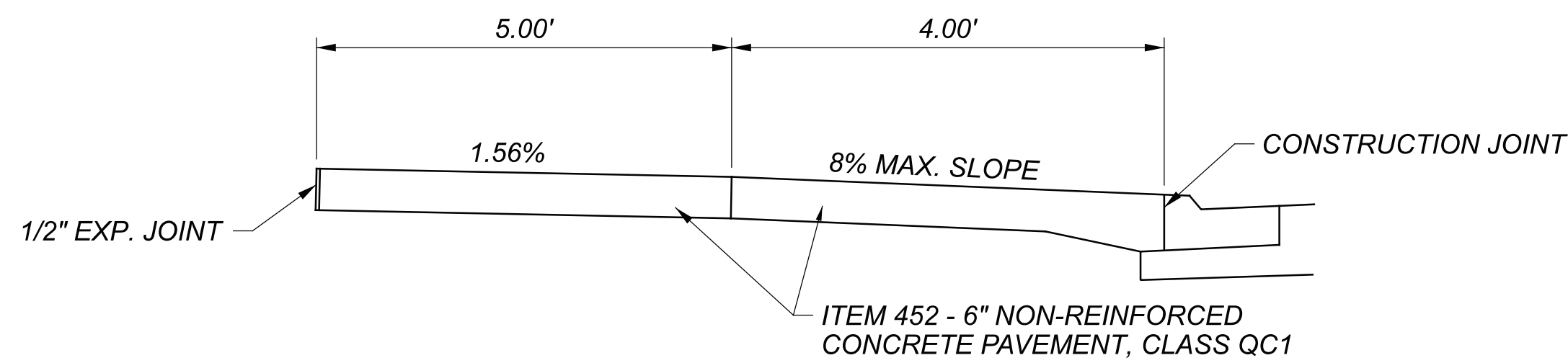
EARTHWORK TABLE									
STATION	CUT		FILL		STATION	CUT		FILL	
	AREA (SF)	VOLUME (CY)	AREA (SF)	VOLUME (CY)		AREA (SF)	VOLUME (CY)	AREA (SF)	VOLUME (CY)
0+13.33	0	0	0	0	28+00.00	19	33	17	36
0+50.00	28	26	5	5	28+50.00	27	43	4	20
1+00.00	38	62	22	25	29+00.00	15	39	25	27
1+50.00	21	55	42	60	29+50.00	34	46	1	25
2+00.00	7	26	33	70	30+00.00	62	89	0	1
2+50.00	4	11	40	68	30+50.00	71	124	0	0
3+00.00	3	7	44	78	31+00.00	75	136	0	0
3+50.00	2	5	41	79	31+50.00	74	138	0	0
4+00.00	3	5	42	77	32+00.00	61	125	0	0
4+50.00	2	5	44	80	32+50.00	40	94	0	0
5+00.00	1	3	53	90	33+00.00	23	59	9	9
5+50.00	1	2	54	100	33+50.00	4	25	40	46
6+00.00	1	2	58	104	34+00.00	0	4	112	141
6+50.00	1	2	61	111	34+50.00	2	2	33	135
7+00.00	0	1	83	134	35+00.00	15	16	12	42
7+50.00	0	0	91	162	35+50.00	37	49	0	12
8+00.00	0	0	115	191	36+00.00	58	88	0	0
8+50.00	0	0	115	213	36+50.00	63	113	0	0
9+00.00	0	0	98	198	37+00.00	66	120	0	0
9+50.00	0	0	72	158	37+50.00	52	110	1	1
10+00.00	0	0	74	136	38+00.00	40	86	8	9
10+50.00	9	9	26	93	38+50.00	27	63	17	24
11+00.00	19	26	6	30	39+00.00	12	37	42	55
11+50.00	33	49	5	11	39+50.00	13	24	17	55
12+00.00	41	69	1	6	40+00.00	17	28	8	24
12+50.00	35	71	6	7	40+50.00	23	38	3	11
13+00.00	34	64	3	9	41+00.00	31	50	1	4
13+50.00	46	75	0	3	41+50.00	39	65	0	1
14+00.00	58	97	0	0	42+00.00	54	87	0	0
14+50.00	71	120	0	0	42+50.00	40	88	0	0
15+00.00	85	145	0	0	43+00.00	30	65	0	0
15+50.00	95	167	0	0	43+50.00	13	40	2	2
16+00.00	61	145	0	0	44+00.00	13	25	0	2
16+50.00	27	82	3	3	44+50.00	12	24	5	5
17+00.00	31	54	3	6	45+00.00	5	16	7	12
17+50.00	19	47	5	8	45+50.00	9	13	2	9
18+00.00	19	36	7	12	46+00.00	19	26	0	2
18+50.00	26	42	4	11	46+50.00	47	62	0	0
19+00.00	38	60	1	5	47+00.00	59	99	0	0
19+50.00	38	71	1	2	47+50.00	43	95	0	0
20+00.00	39	72	1	2	48+00.00	20	59	4	4
20+50.00	33	67	1	2	48+50.00	15	33	0	4
21+00.00	25	54	1	2	49+00.00	20	33	0	0
21+50.00	21	43	3	4	49+50.00	21	38	1	1
22+00.00	23	41	2	5	50+00.00	14	33	8	9
22+50.00	22	42	5	7	50+50.00	20	32	0	8
23+00.00	18	38	12	16	51+00.00	17	35	0	0
23+50.00	13	29	19	29	51+50.00	11	26	0	0
24+00.00	10	22	19	36	52+00.00	6	16	12	12
24+50.00	15	24	27	43	52+50.00	11	16	3	14
25+00.00	3	17	41	63	53+00.00	15	25	1	4
25+50.00	3	6	43	78	53+50.00	19	32	0	1
26+00.00	17	19	26	64	54+00.00	44	59	0	0
26+50.00	6	22	47	68	54+50.00	54	91	0	0
27+00.00	4	10	35	76	55+00.00	79	124	0	0
27+50.00	16	19	21	52	55+50.00	78	146	0	0
					56+01.64	0	74	0	0

TOTALS CARRIED TO GENERAL SUMMARY	
ITEM 203 - EXCAVATION	5522 CY
ITEM 203 - EMBANKMENT	3659 CY

**DRIVE APPROACH DETAILS**  
TREE LAWNS OF LESS THAN 6'0"



- A 9' FROM STA. 5+93.00 TO STA. 12+35.50 LT  
STA. 12+64.50 TO STA. 14+82.30 RT  
STA. 29+65.60 TO STA. 37+58.00 RT  
STA. 35+23.01 TO STA. 42+82.83 LT
- B 6.5' FROM STA. 41+69.05 TO STA. 54+71.15 RT  
STA. 46+00.80 TO STA. 54+57.09 LT
- C WIDTH WHERE DRIVEWAY MEETS EXISTING



PAVEMENT BUILDUP BEHIND WALK SHALL BE AS FOLLOWS:

**RESIDENTIAL DRIVES**

**ASPHALT**  
ITEM 441 - 4" ASPHALT CONCRETE SURFACE COURSE, TYPE , (448), PG64-22  
ITEM 304 - 4" AGGREGATE BASE

**CONCRETE**  
ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1

**GRAVEL**  
ITEM 304 - 8" AGGREGATE BASE

NOTES:  
FOR ADDITIONAL DETAILS, SEE CITY OF URBANA STANDARD CONSTRUCTION DRAWINGS 1167.07 AND 1167.08

**DRIVE DETAIL TABLE**

ROAD	CL STA.	SIDE	ANGLE	DIMENSIONS		
				W1	W2	W3
S. HIGH ST.	6+24.33	LT	90°00'00"	38.96	29.96	24.00
S. HIGH ST.	7+23.16	LT	79°35'39.8"	39.65	30.65	16.03
S. HIGH ST.	8+96.25	LT	90°00'00"	51.75	41.75	41.57
S. HIGH ST.	10+25.12	LT	90°00'00"	35.00	26.00	25.25
S. HIGH ST.	10+64.02	LT	90°00'00"	29.00	20.00	20.00
S. HIGH ST.	12+23.32	LT	90°00'00"	24.42	15.59	15.50
S. HIGH ST.	12+75.11	RT	90°00'00"	21.00	12.00	8.52
S. HIGH ST.	13+77.96	RT	90°00'00"	21.00	12.00	12.00
S. HIGH ST.	14+46.67	RT	90°00'00"	25.00	16.50	16.50
S. HIGH ST.	14+71.81	RT	90°00'00"	21.00	12.00	12.00
S. HIGH ST.	27+83.69	RT	88°16'25.8"	23.02	14.01	14.00
S. HIGH ST.	29+76.62	RT	90°00'00"	22.01	13.00	13.00
S. HIGH ST.	30+30.34	RT	90°00'00"	21.00	12.00	8.87
S. HIGH ST.	30+84.06	RT	90°00'00"	21.00	12.00	9.97
S. HIGH ST.	31+40.40	RT	90°00'00"	21.00	12.00	10.84
S. HIGH ST.	31+94.26	RT	90°00'00"	21.00	12.00	9.71
S. HIGH ST.	32+48.61	RT	90°00'00"	21.00	12.00	10.88
S. HIGH ST.	35+21.09	RT	90°00'00"	27.50	18.50	18.50
S. HIGH ST.	35+36.52	LT	82°00'00.7"	21.12	12.12	9.39
S. HIGH ST.	36+56.08	RT	90°00'00"	24.00	15.00	17.26
S. HIGH ST.	40+05.61	RT	90°00'00"	24.25	15.25	11.56
S. HIGH ST.	41+78.76	RT	87°40'21.6"	21.01	12.01	10.04
S. HIGH ST.	42+18.39	LT	88°29'44.1"	21.00	12.00	9.15
S. HIGH ST.	42+73.33	LT	90°00'00"	21.00	12.00	14.86
S. HIGH ST.	43+08.69	RT	90°00'00"	39.25	28.25	44.71
S. HIGH ST.	46+13.67	RT	90°00'00"	27.00	18.00	18.00
S. HIGH ST.	46+16.84	LT	90°00'00"	33.48	24.50	24.50
S. HIGH ST.	48+11.93	LT	90°00'00"	23.00	13.86	11.55
S. HIGH ST.	49+82.81	RT	90°00'00"	22.00	13.00	13.00
S. HIGH ST.	50+07.22	RT	90°00'00"	36.58	12.00	12.00
S. HIGH ST.	50+22.86	RT	90°00'00"		11.80	8.95
S. HIGH ST.	52+14.29	LT	88°24'32.4"	21.52	12.51	12.50
S. HIGH ST.	53+19.57	LT	90°00'00"	33.00	24.00	23.26
S. HIGH ST.	53+60.59	RT	90°00'00"	21.00	12.00	9.28
S. HIGH ST.	54+11.65	LT	85°29'55.8"	23.04	13.93	9.40
S. HIGH ST.	54+16.22	RT	87°27'07.3"	21.01	12.01	12.00
S. HIGH ST.	54+46.59	LT	90°00'00"	21.00	12.00	12.00
S. HIGH ST.	54+53.64	RT	90°00'00"	35.50	26.50	26.50

DRIVE DETAILS

CHP-S. HIGH STREET

MODEL: Sheet PAPER: 34x22 (in.) DATE: 3/30/2023 TIME: 12:32:13 PM USER: bgressel  
C:\City of Urbana\0118055A.00 - South High Street\112019\400-Engineering\Roadway\Sheets\112019\_GD010.dgn

DESIGN AGENCY

DESIGNER  
ARW

REVIEWER  
B.G 02/27/23

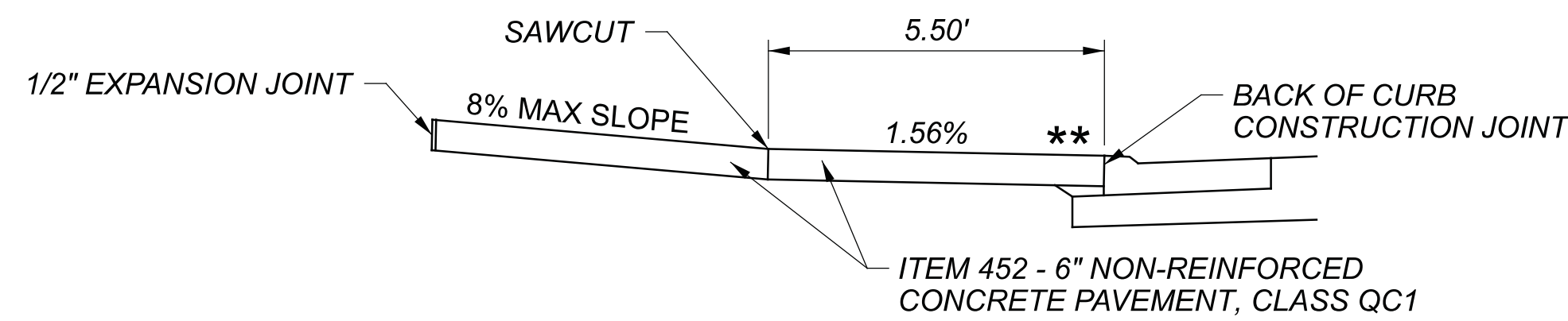
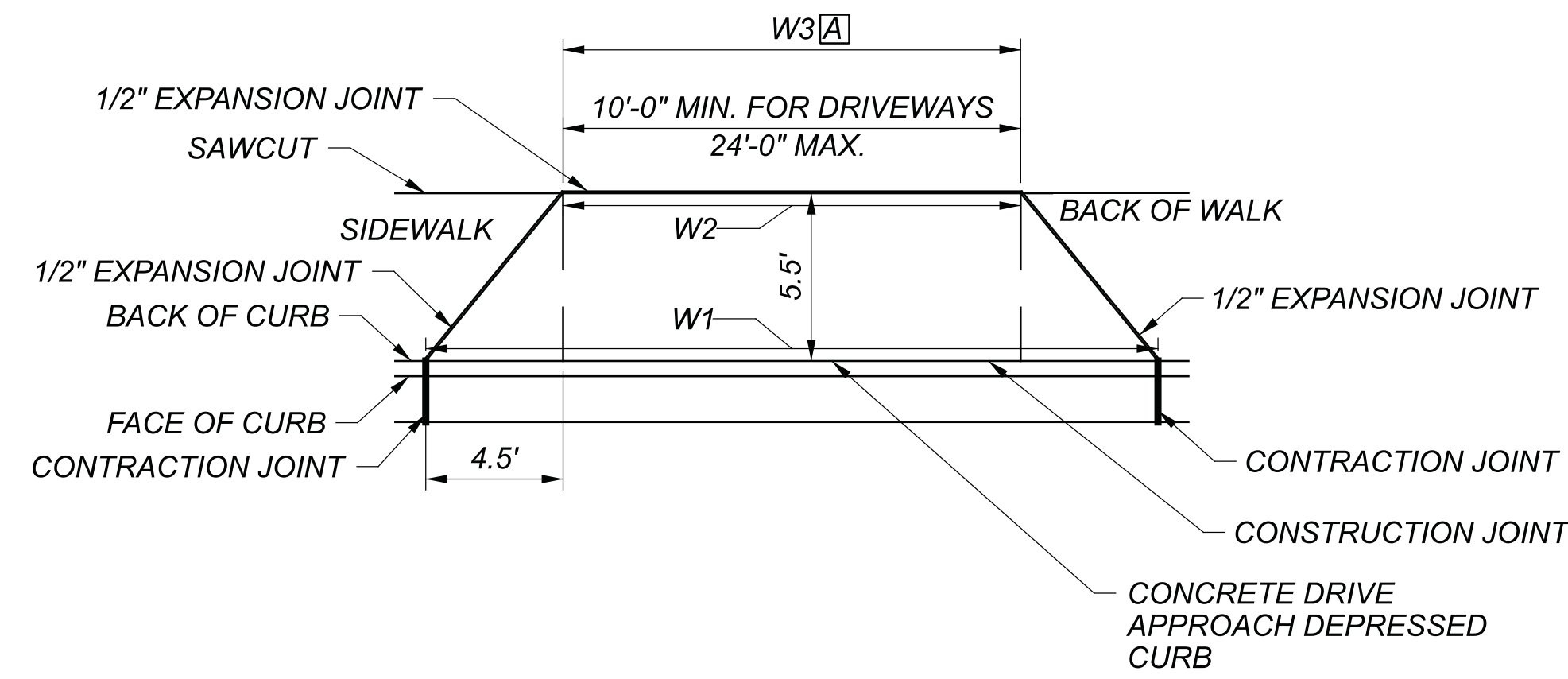
PROJECT ID  
112019

SHEET TOTAL  
79 | 222

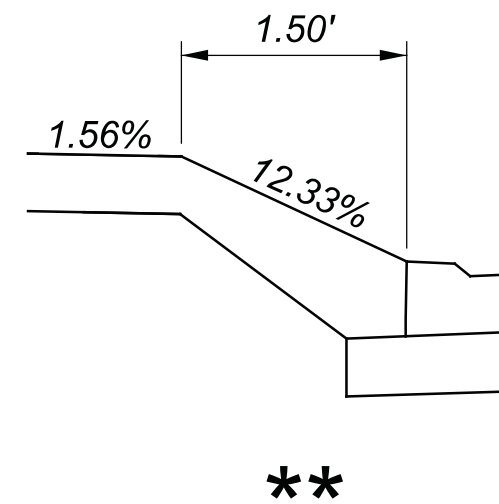
# DRIVE APPROACH DETAILS

☐ WIDTH WHERE DRIVEWAY MEETS EXISTING

\*\* FOR STATIONS SEE TABLE



DRIVE APRON WITH NO CURB LAWN



DRIVE DETAIL TABLE						
ROAD	CL STA.	SIDE	ANGLE	DIMENSIONS		
				W1	W2	W3
S. HIGH ST.	9+05.21	RT	90°00'00"	25.25	16.25	16.25
S. HIGH ST.	9+45.68	RT	86°08'25.2"	25.54	16.54	16.50
S. HIGH ST.	10+45.55 **	RT	90°00'00"	27.50	18.50	18.50
S. HIGH ST.	10+74.91 **	RT	90°00'00"	22.21	14.00	14.00
S. HIGH ST.	13+20.29	LT	90°00'00"	21.00	12.00	12.00
S. HIGH ST.	14+15.75	LT	90°00'00"	21.00	12.00	8.84
S. HIGH ST.	15+07.66 **	LT	90°00'00"	21.00	12.00	9.45
S. HIGH ST.	15+38.17 **	LT	90°00'00"	33.00	24.00	24.00
S. HIGH ST.	17+51.13	RT	90°00'00"	21.00	12.00	11.50
S. HIGH ST.	17+96.48	RT	90°00'00"	27.00	18.00	18.00
S. HIGH ST.	18+50.74	RT	90°00'00"	21.00	12.00	9.46
S. HIGH ST.	19+00.79	RT	90°00'00"	21.00	12.00	10.44
S. HIGH ST.	19+68.35	RT	90°00'00"	22.00	13.00	14.74
S. HIGH ST.	19+94.69	RT	90°00'00"	26.00	17.00	17.00
S. HIGH ST.	21+13.27	RT	90°00'00"	43.58	17.00	17.00
S. HIGH ST.	21+32.35	RT	90°00'00"		12.00	12.00
S. HIGH ST.	22+03.67 **	RT	90°00'00"	38.62	12.00	7.36
S. HIGH ST.	22+21.29 **	RT	90°00'00"		12.00	8.58
S. HIGH ST.	23+12.91	RT	90°00'00"	27.50	18.50	18.50
S. HIGH ST.	23+45.92 **	RT	90°00'00"	28.50	19.50	19.50
S. HIGH ST.	25+06.34	RT	90°00'00"	26.50	17.50	17.50
S. HIGH ST.	25+55.29	RT	90°00'00"	26.00	17.00	17.00
S. HIGH ST.	26+29.15 **	RT	90°00'00"	21.00	12.00	9.57
S. HIGH ST.	29+94.24 **	LT	90°00'00"	21.00	12.00	9.47
S. HIGH ST.	30+53.76	LT	90°00'00"	25.00	16.00	11.93
S. HIGH ST.	31+30.17	LT	69°59'52.1"	23.90	14.90	12.51
S. HIGH ST.	32+20.88	LT	90°00'00"	21.00	12.00	8.86
S. HIGH ST.	32+78.64	LT	90°00'00"	21.00	12.00	10.17
S. HIGH ST.	33+04.19 **	LT	90°00'00"	21.00	12.00	12.00

PAVEMENT BUILDUP BEHIND WALK SHALL BE AS FOLLOWS:

**RESIDENTIAL DRIVES**

**ASPHALT**  
 ITEM 441 - 4" ASPHALT CONCRETE SURFACE COURSE, TYPE , (448), PG64-22  
 ITEM 304 - 4" AGGREGATE BASE

**CONCRETE**  
 ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1

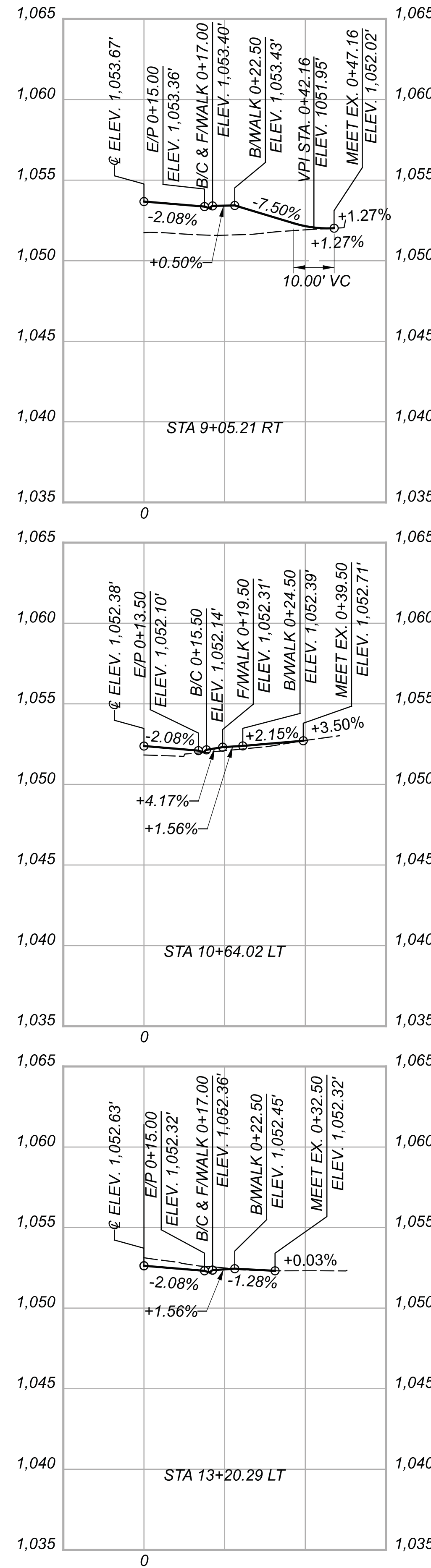
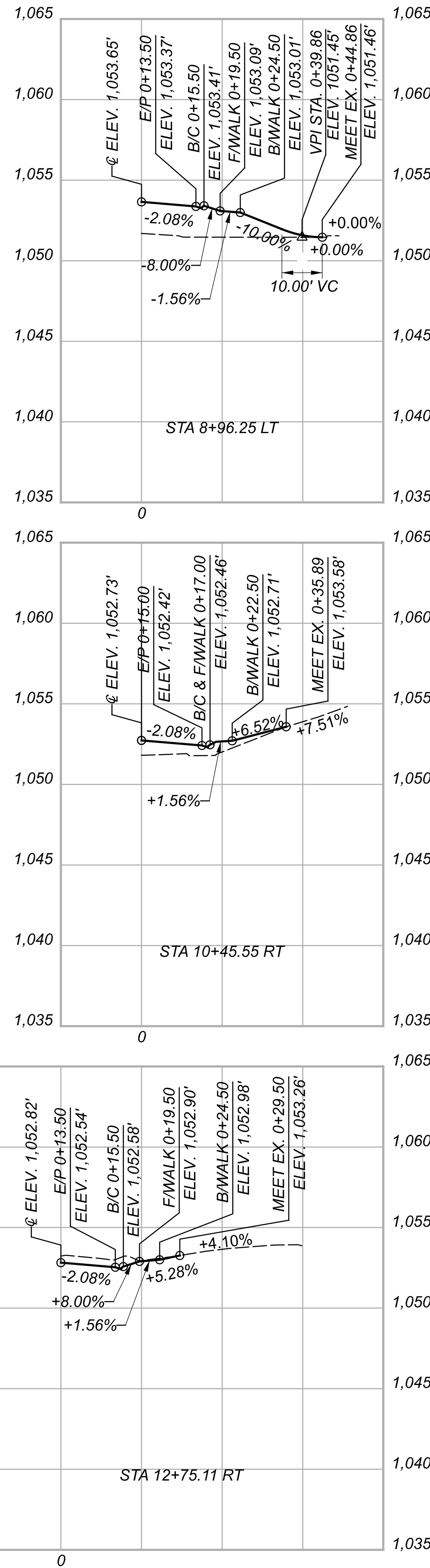
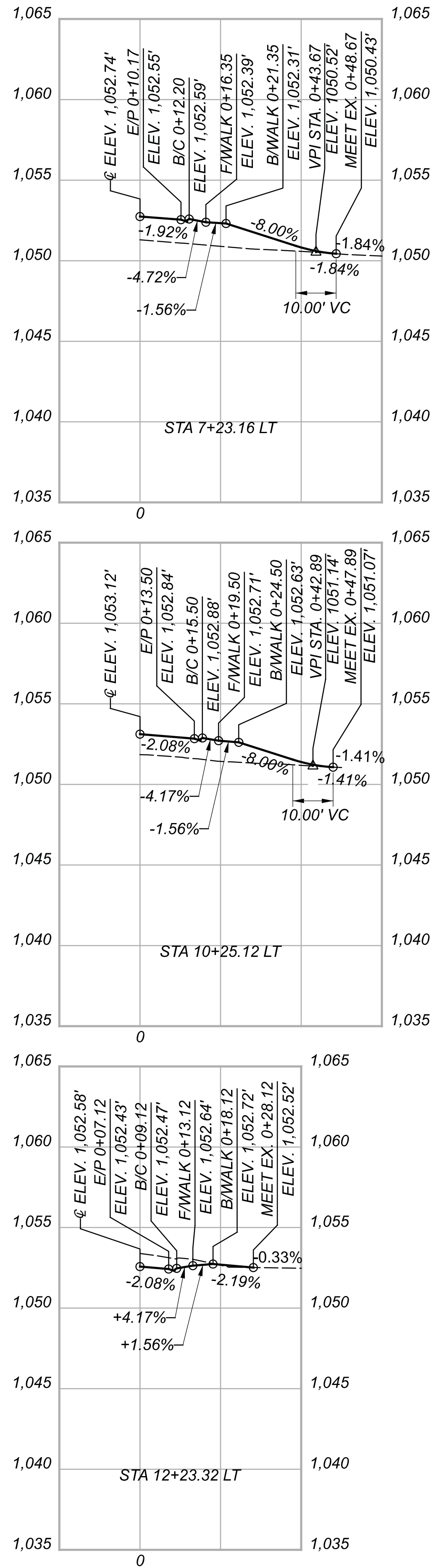
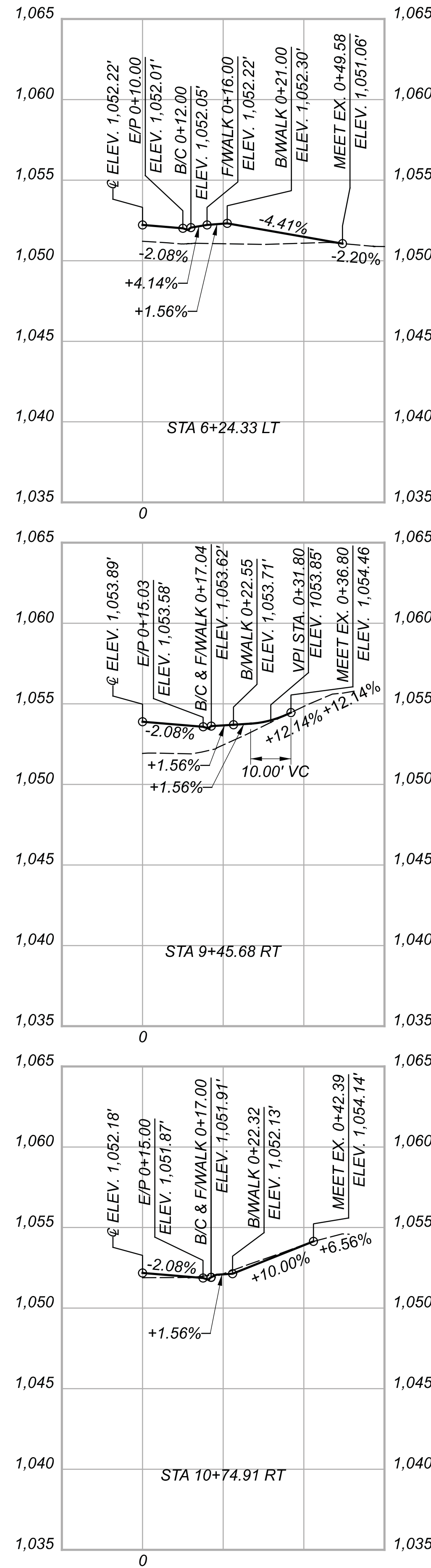
**GRAVEL**  
 ITEM 304 - 8" AGGREGATE BASE

NOTES:  
 FOR ADDITIONAL DETAILS, SEE CITY OF URBANA STANDARD CONSTRUCTION DRAWINGS PAGES 1167.07 AND 1167.08



CHP-S. HIGH STREET

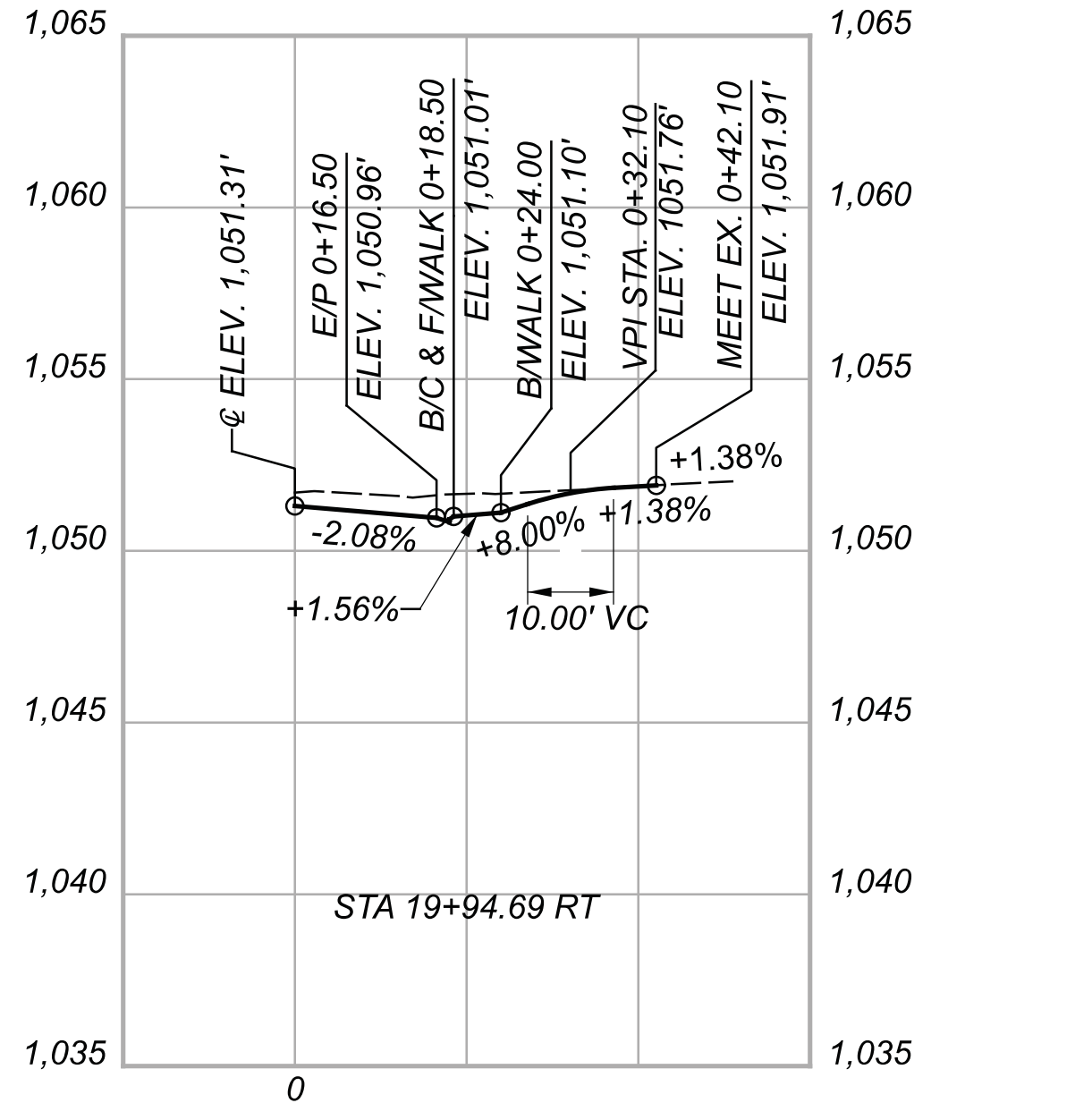
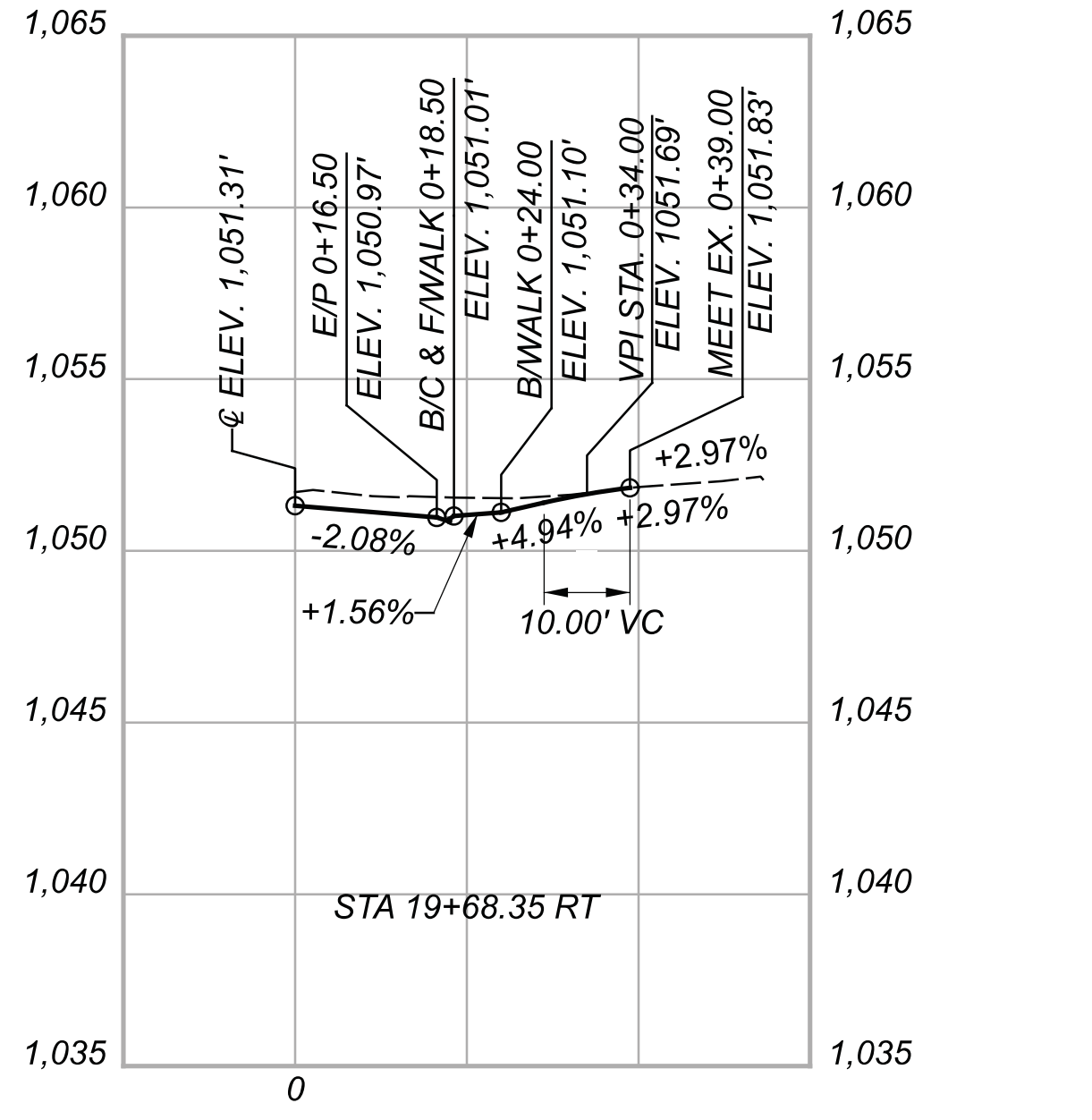
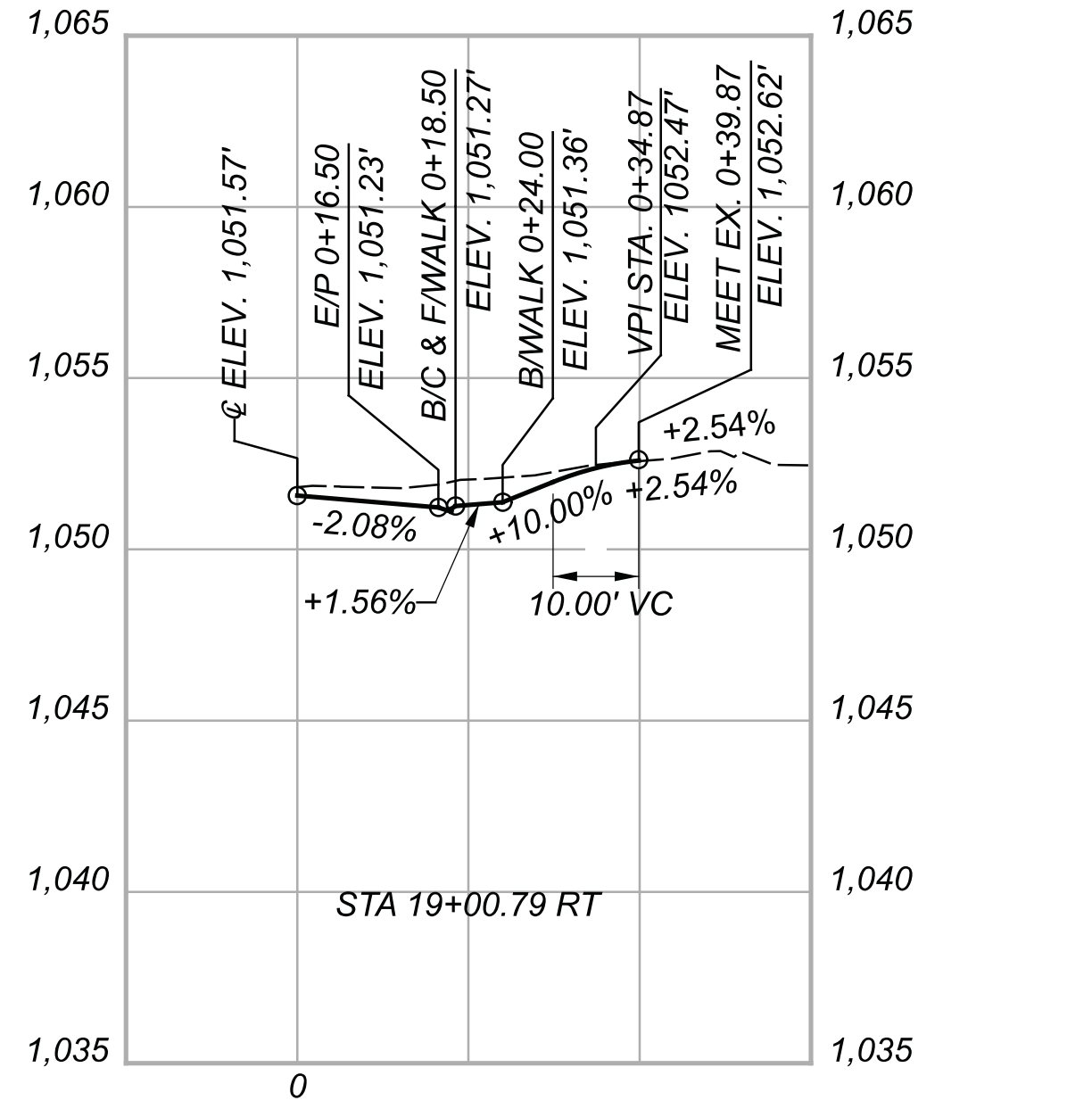
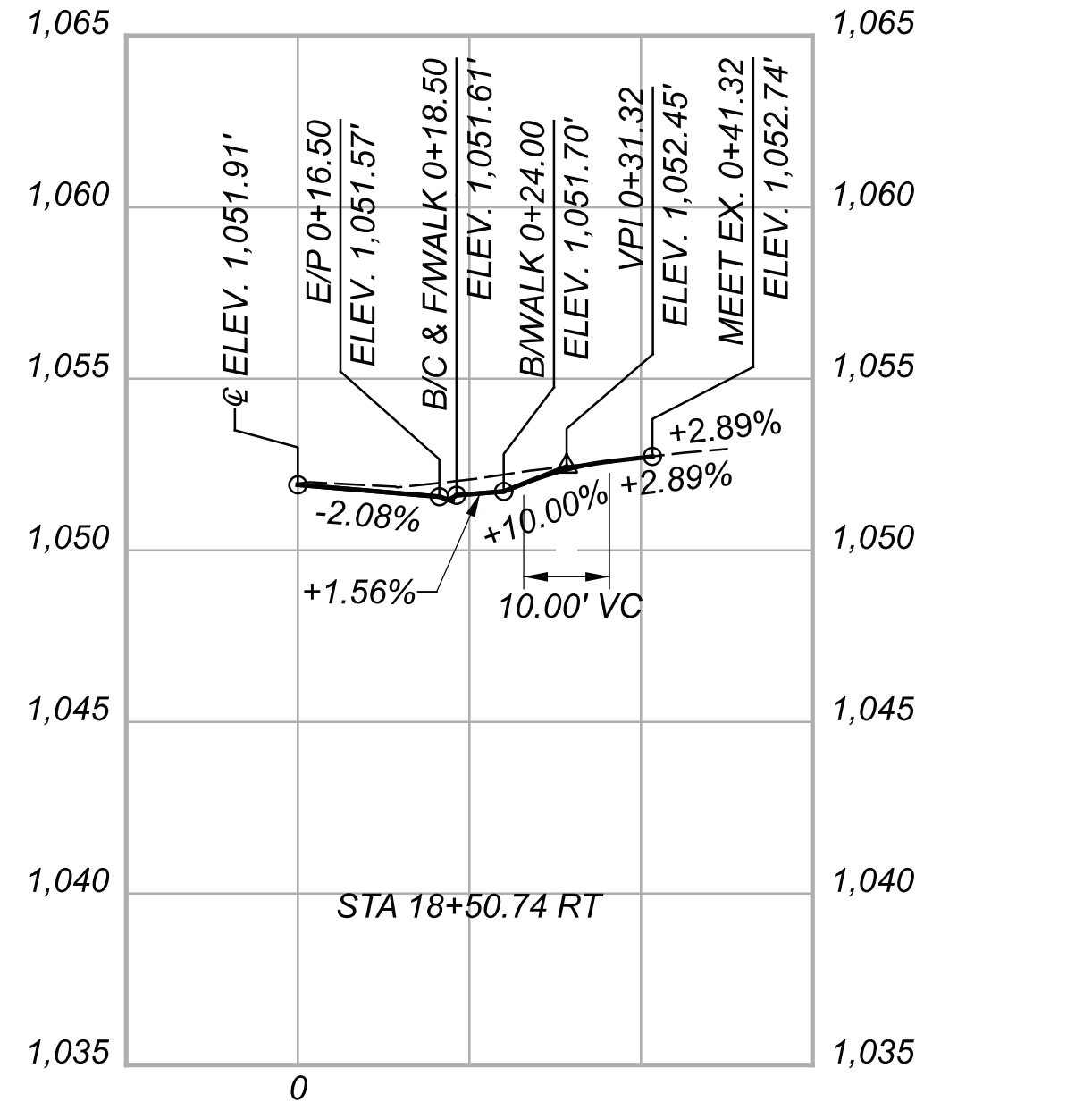
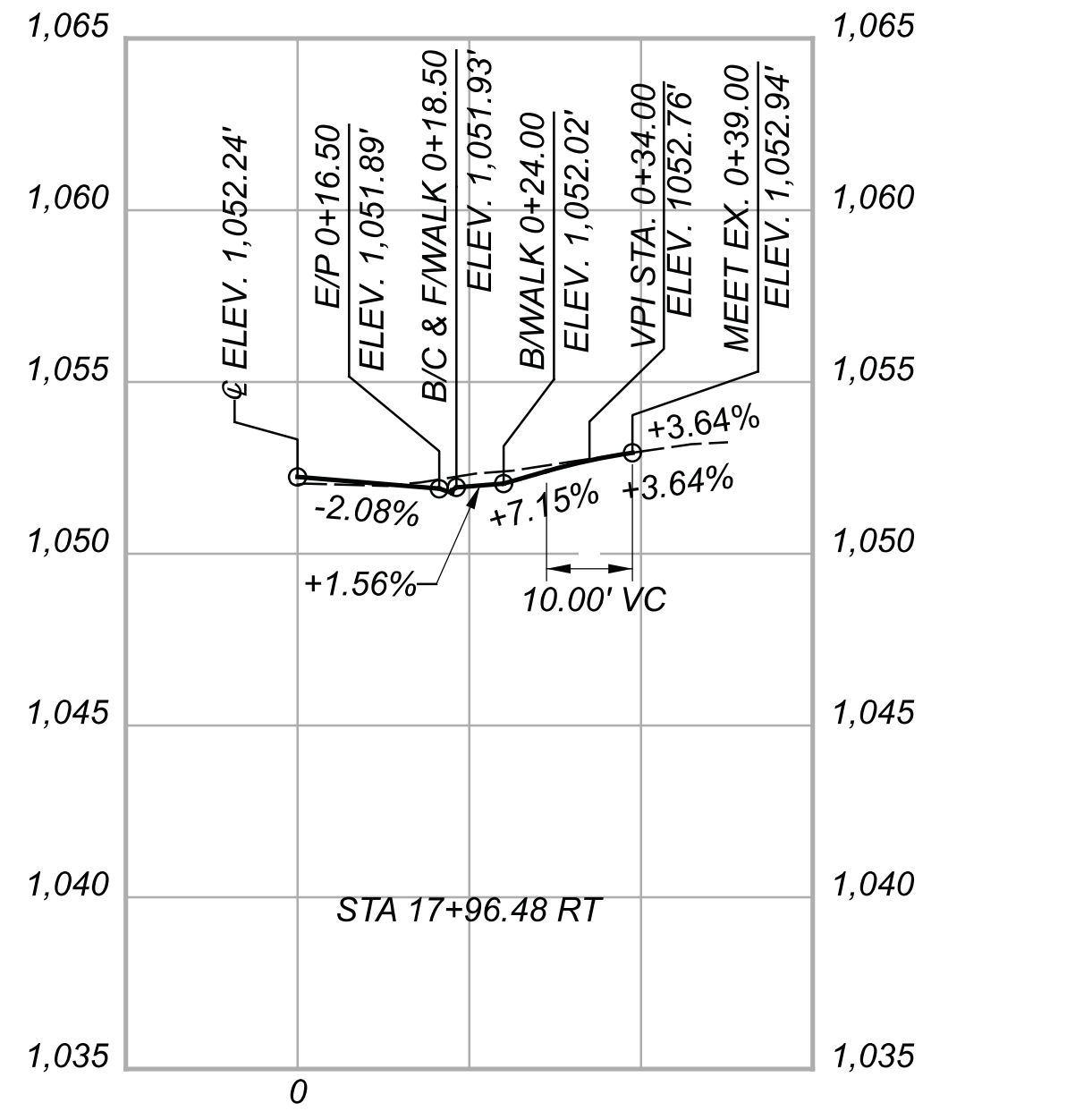
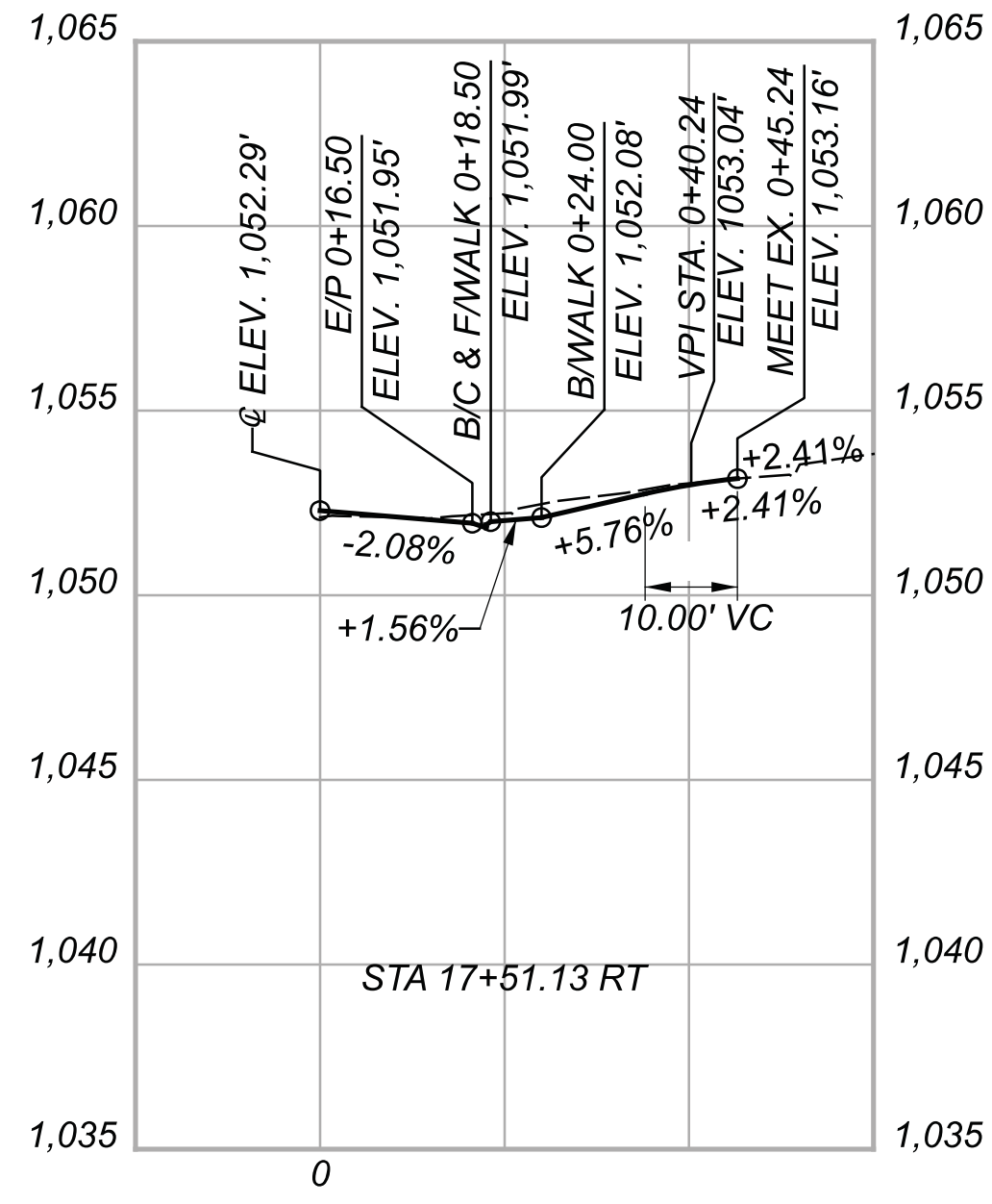
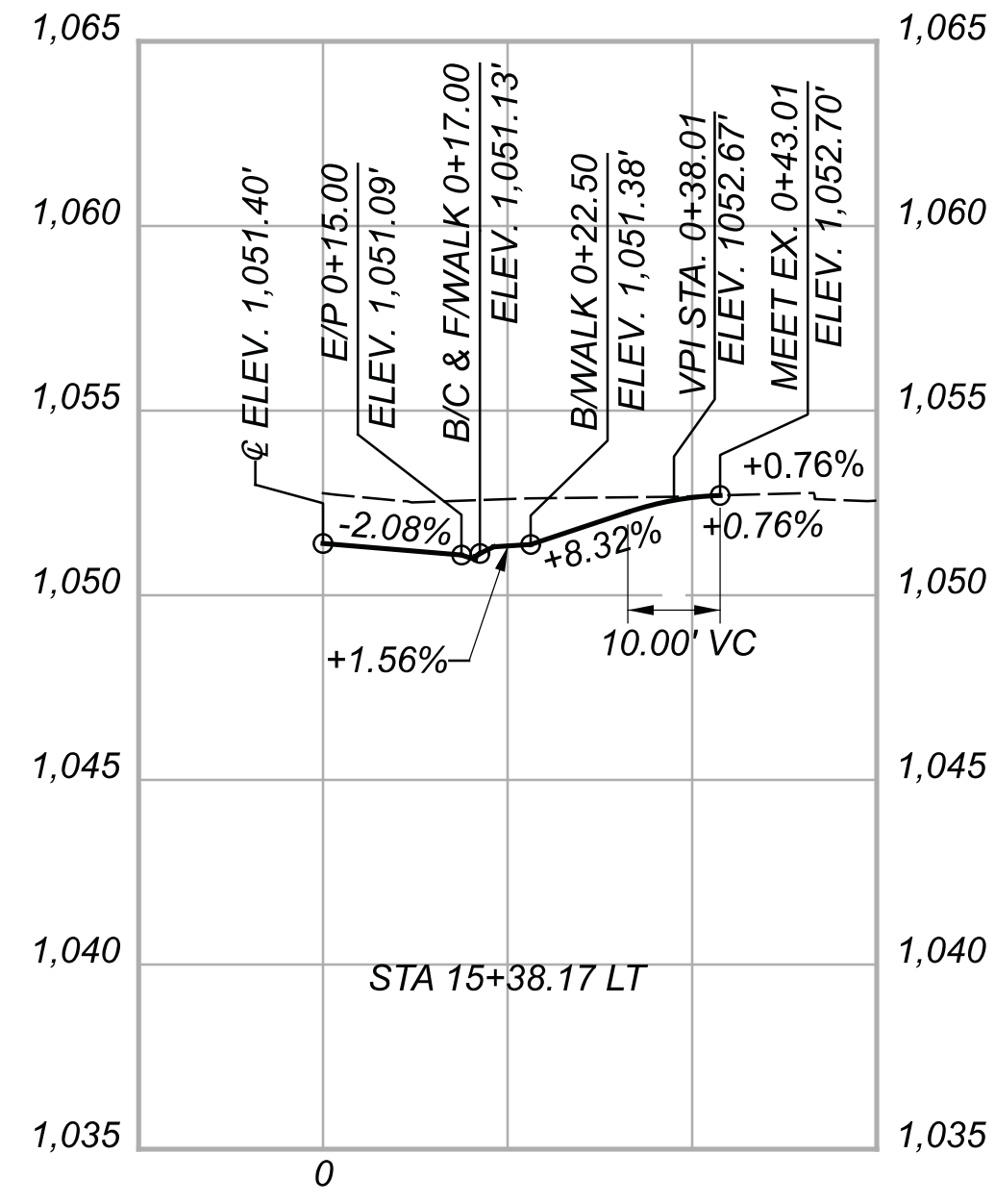
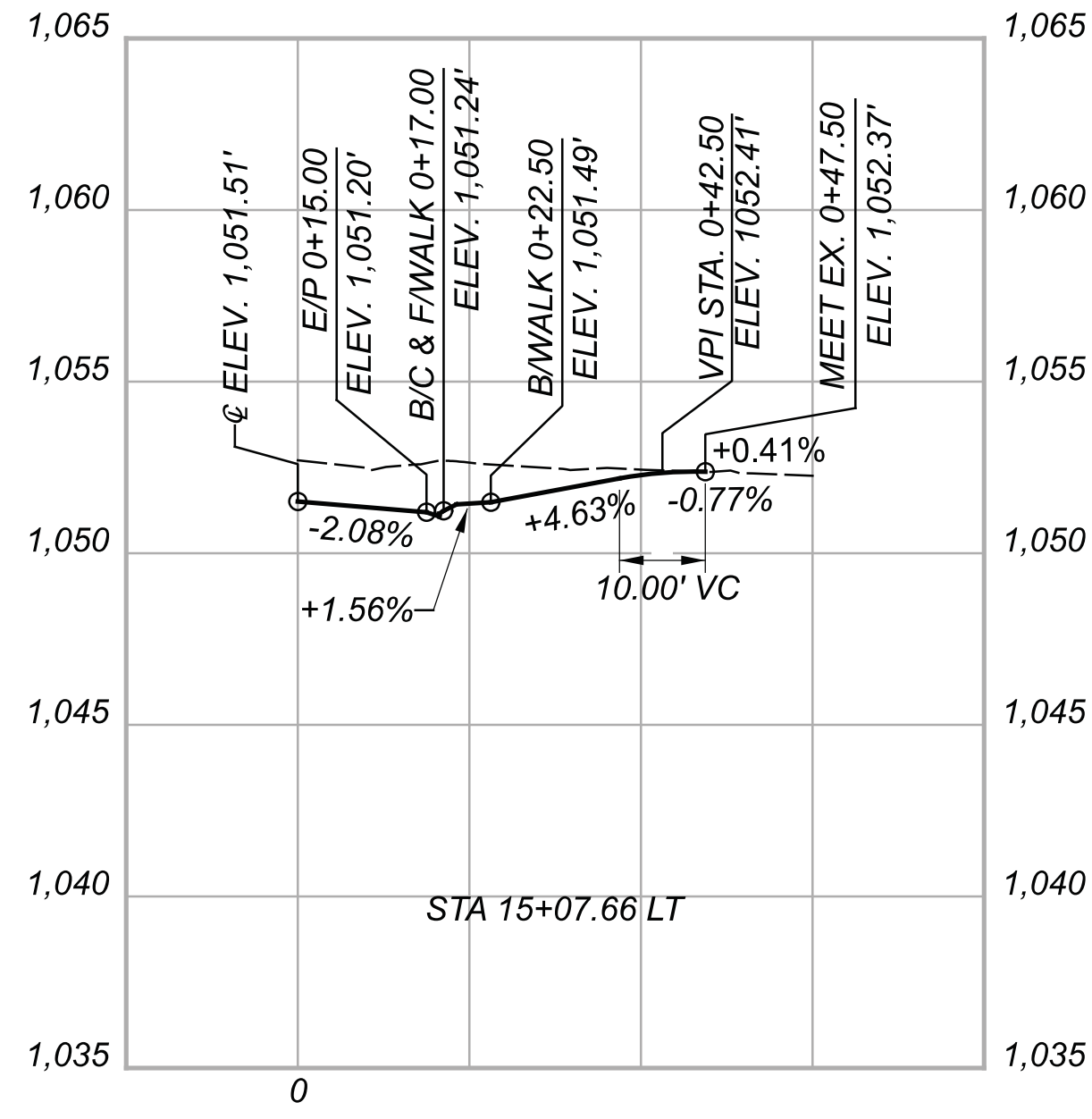
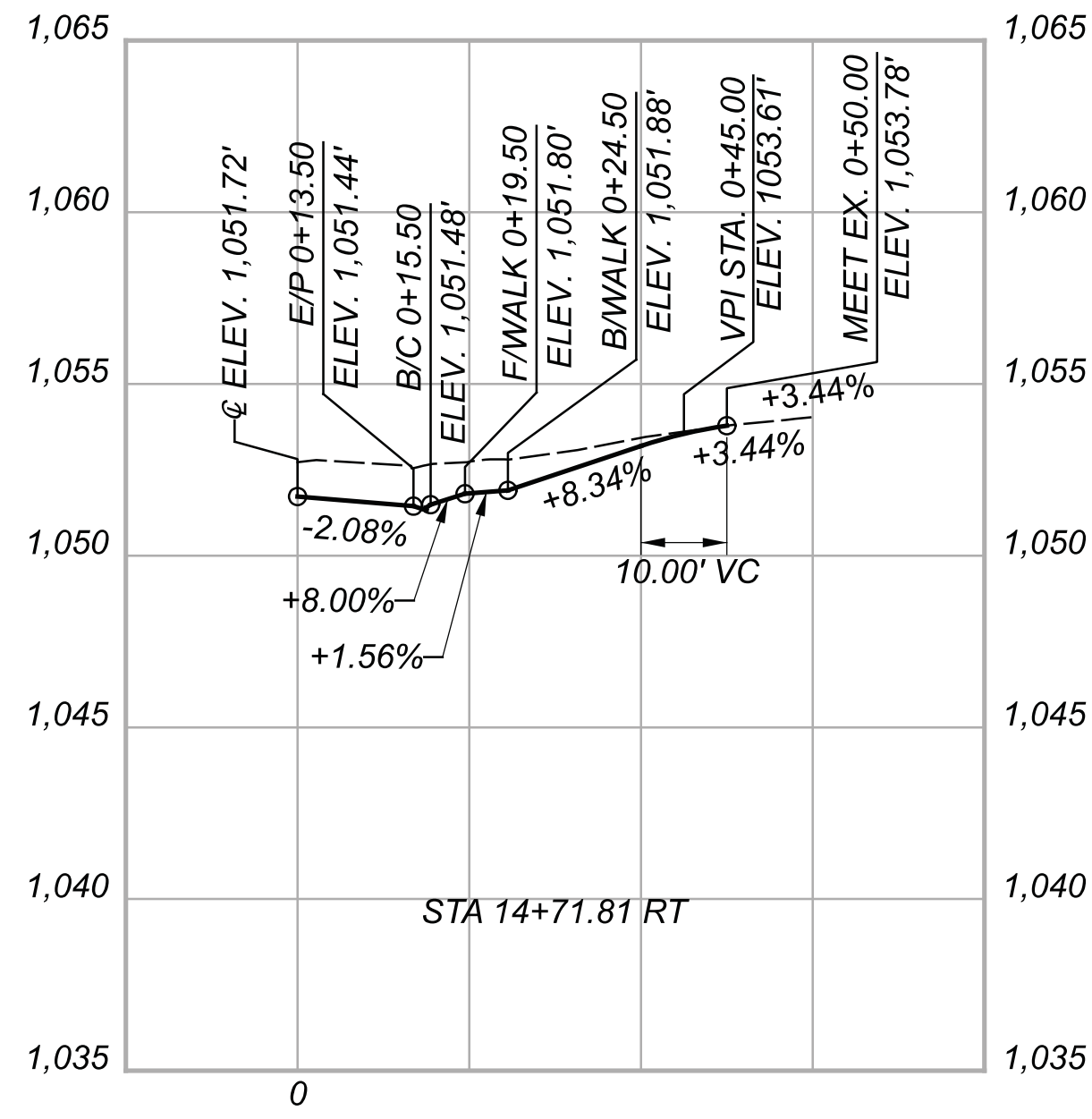
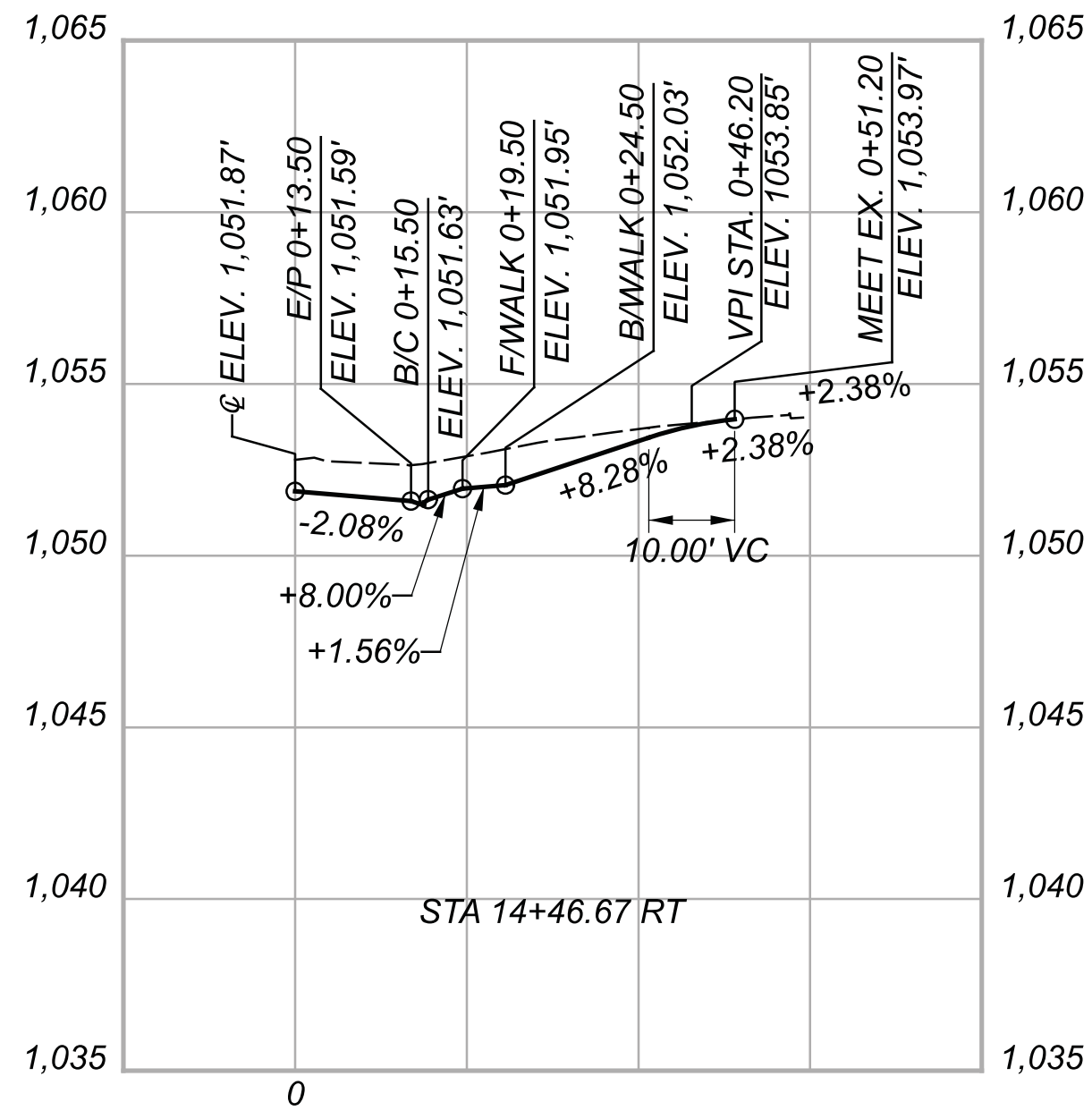
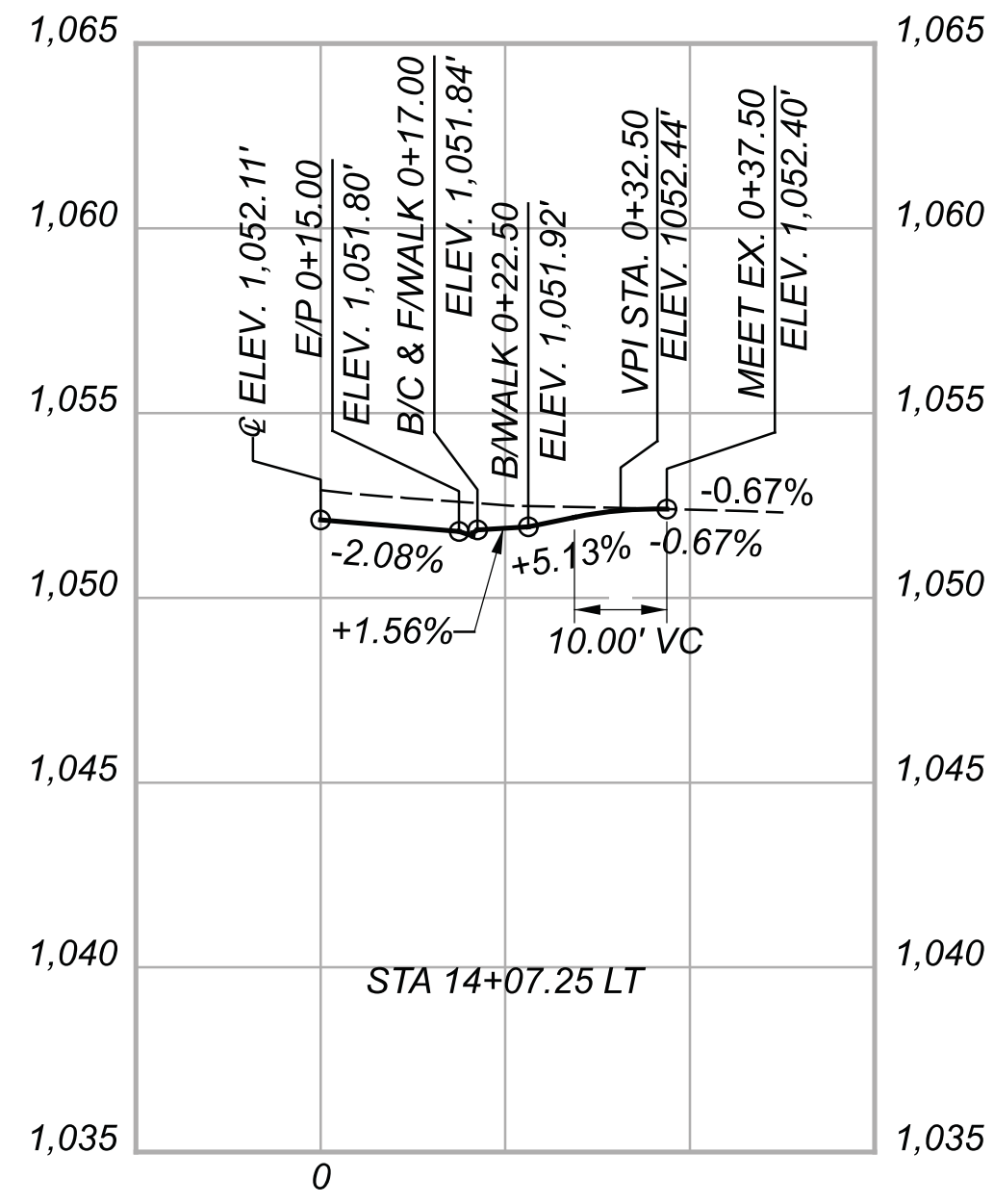
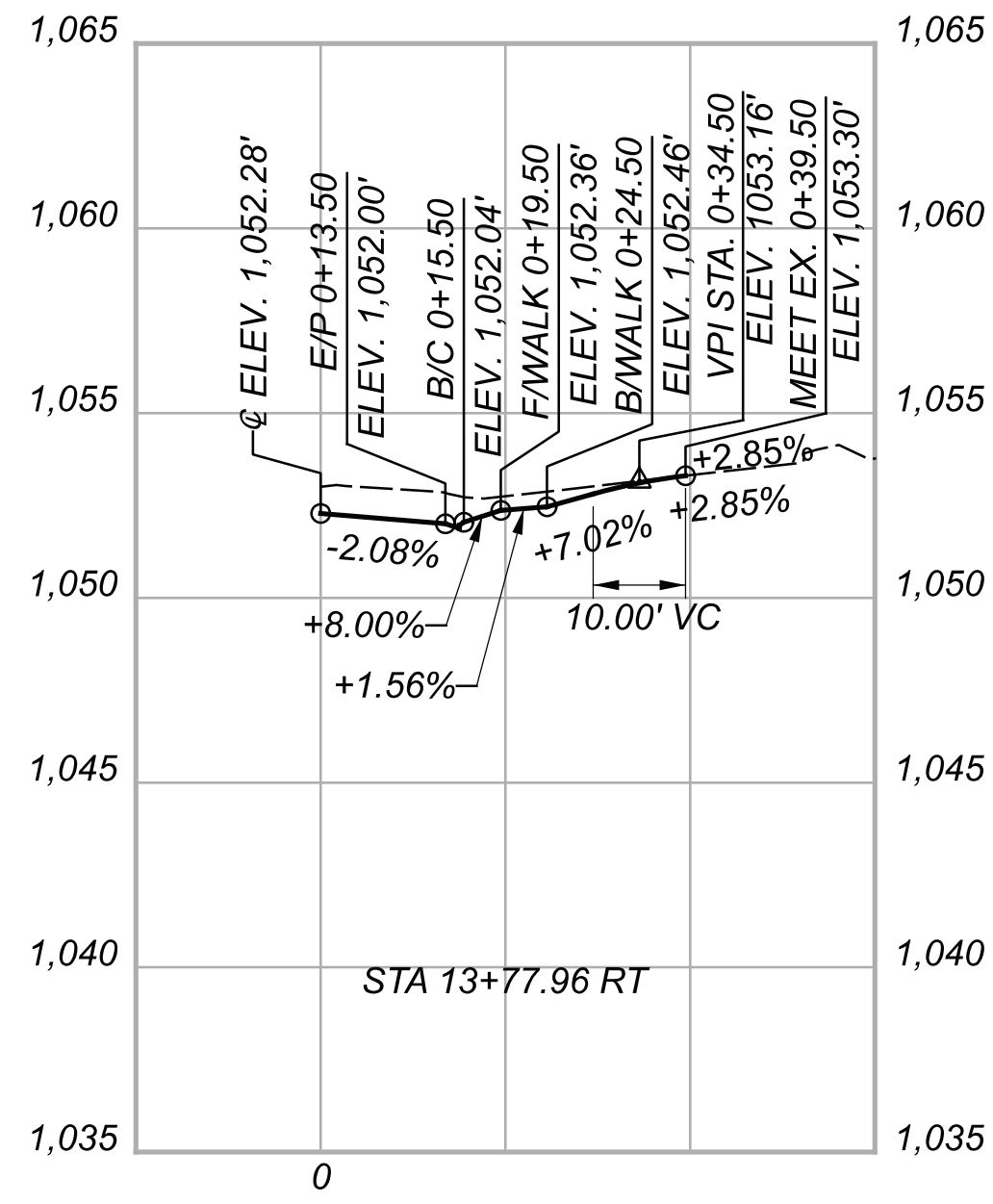
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DRIVE PROFILES  
 STA. 6+24.33 LT TO STA. 13+20.29

**CHP-S. HIGH STREET**

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**DRIVE PROFILES  
 STA. 13+77.96 RT TO STA. 19+94.69 RT**

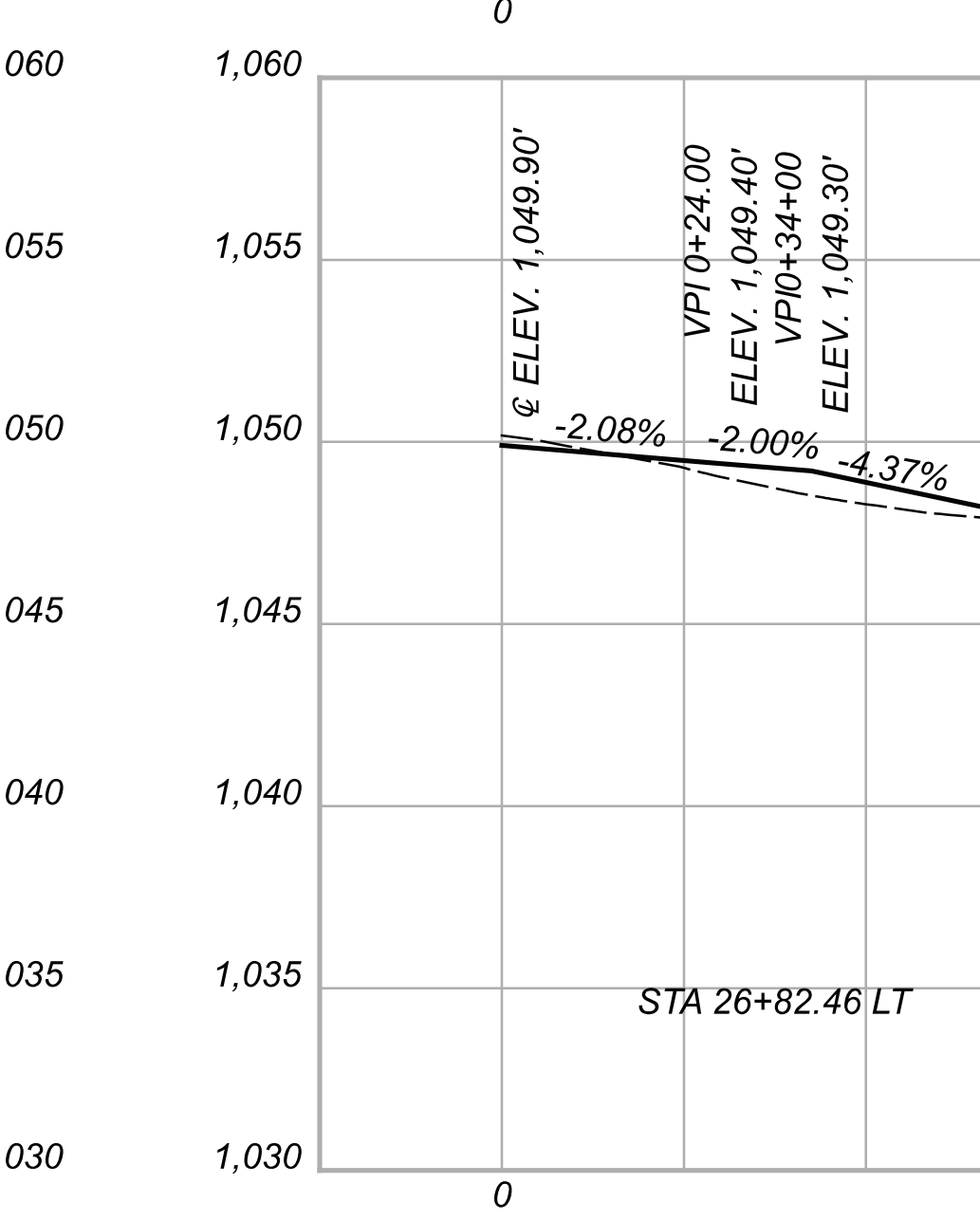
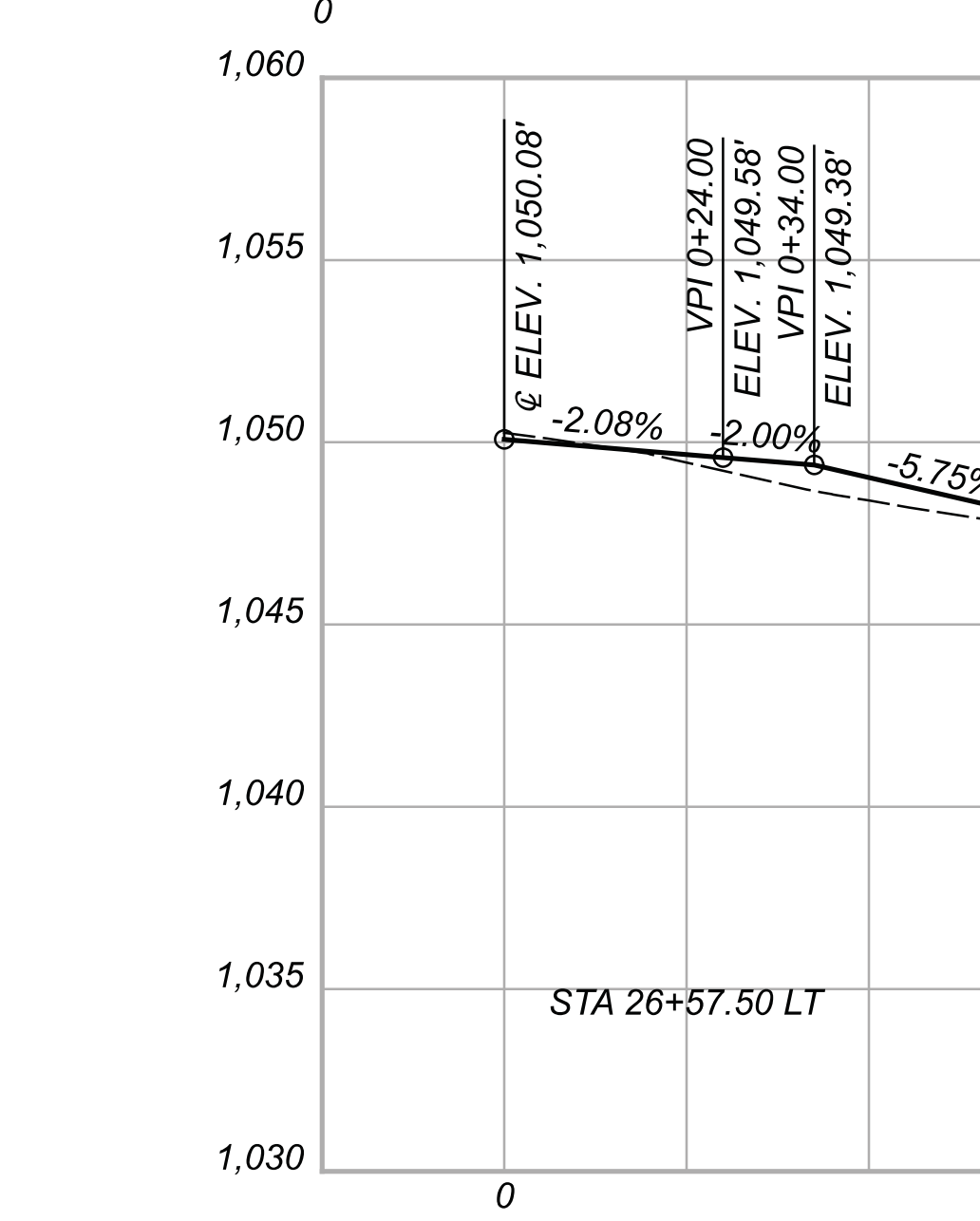
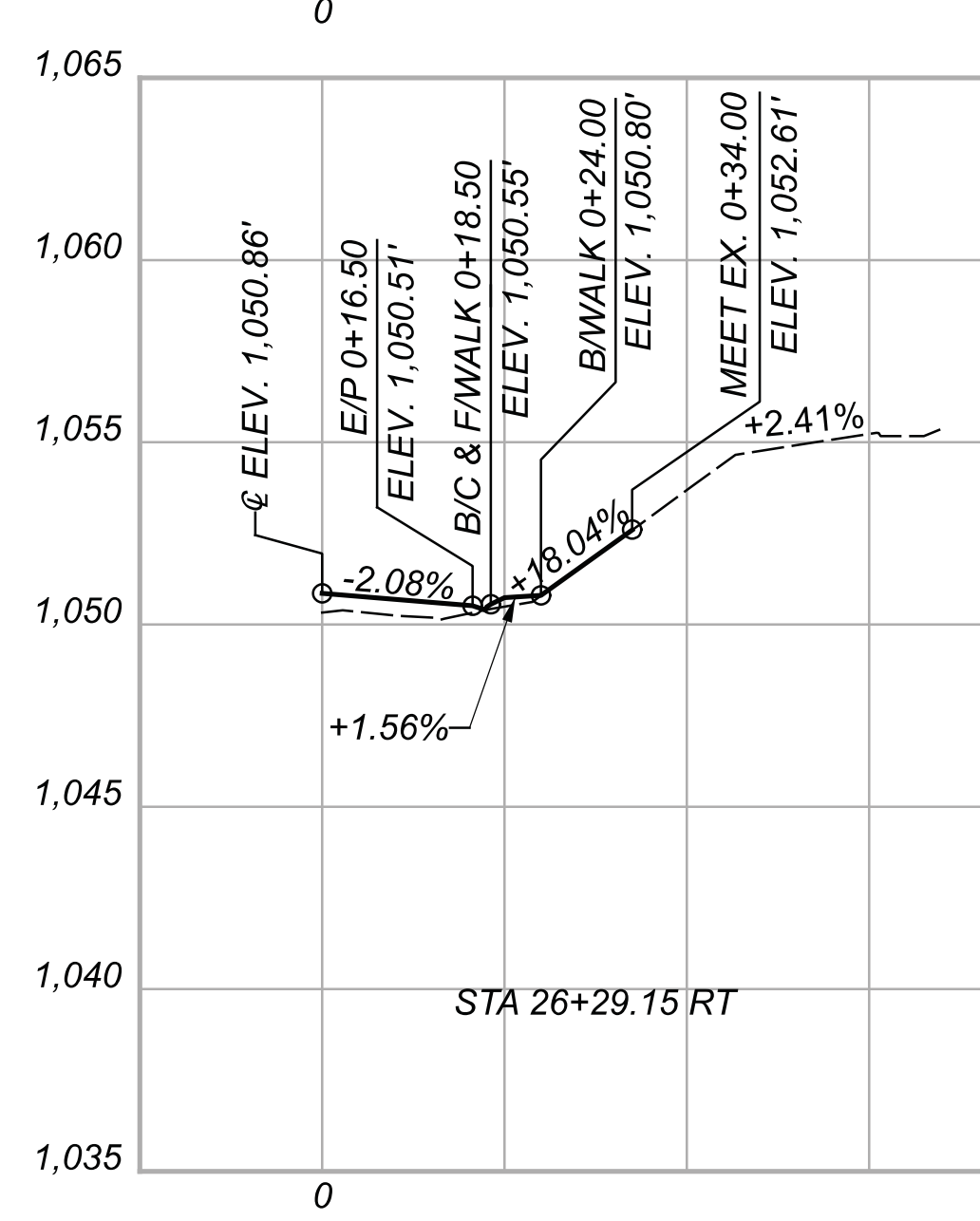
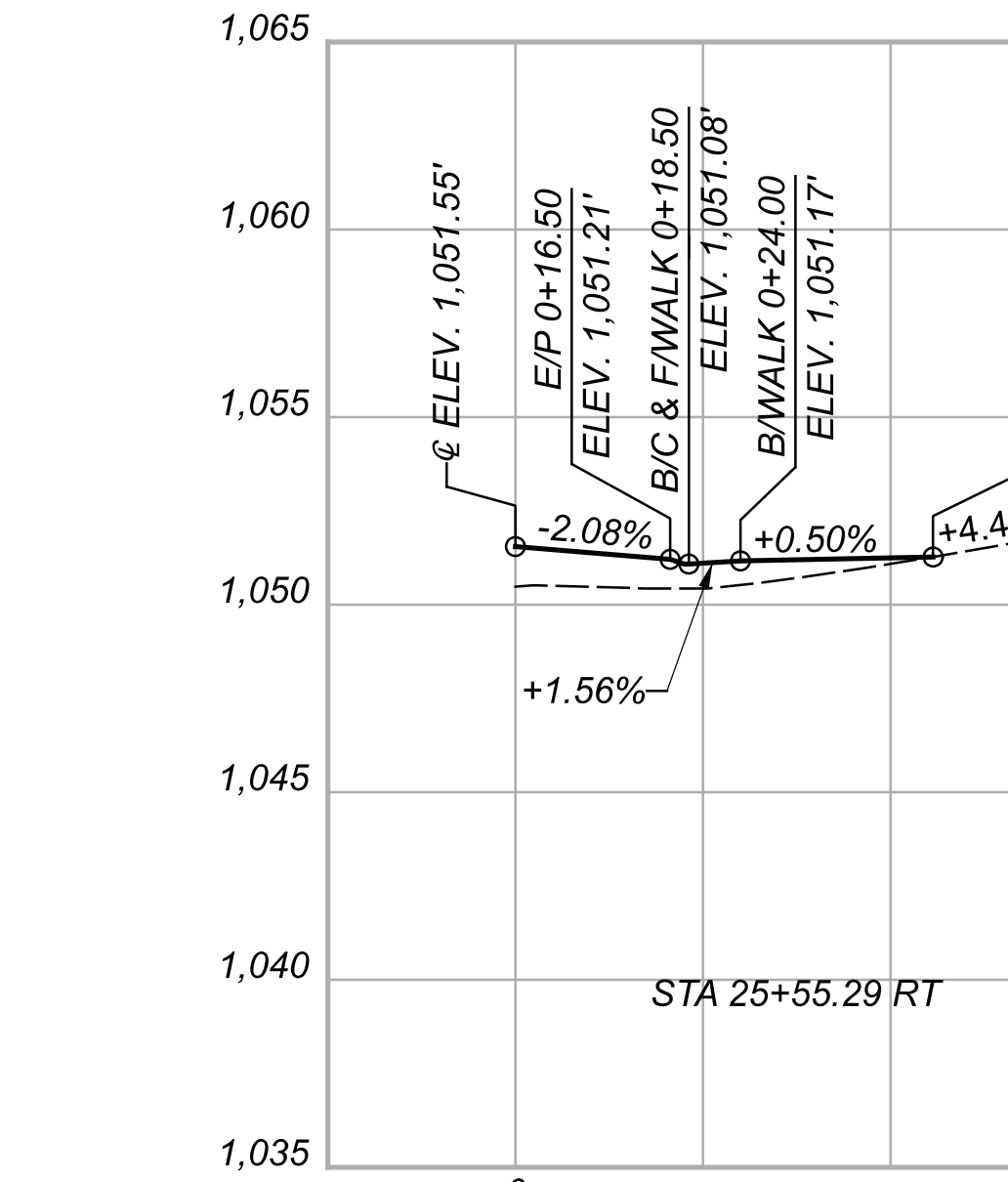
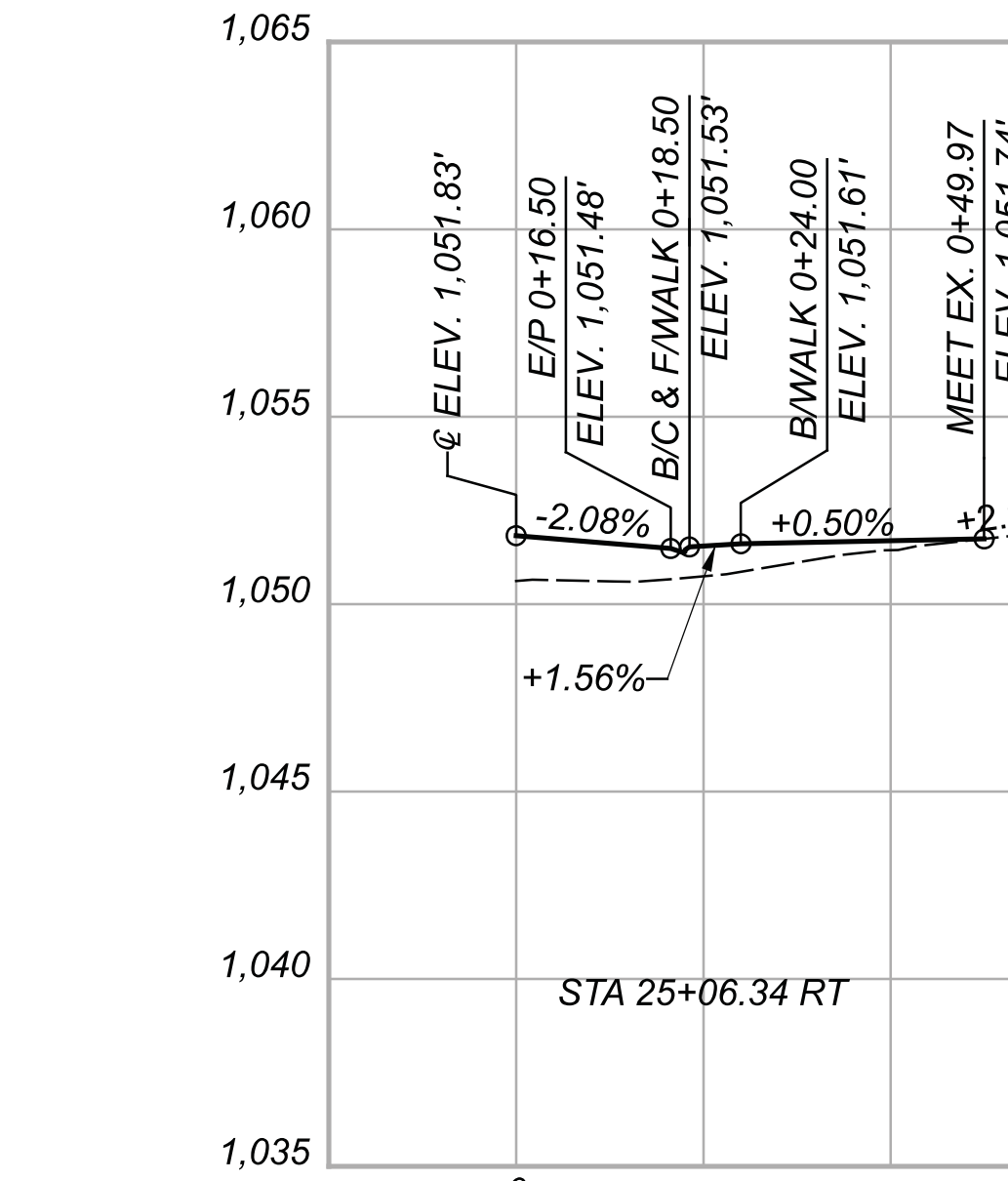
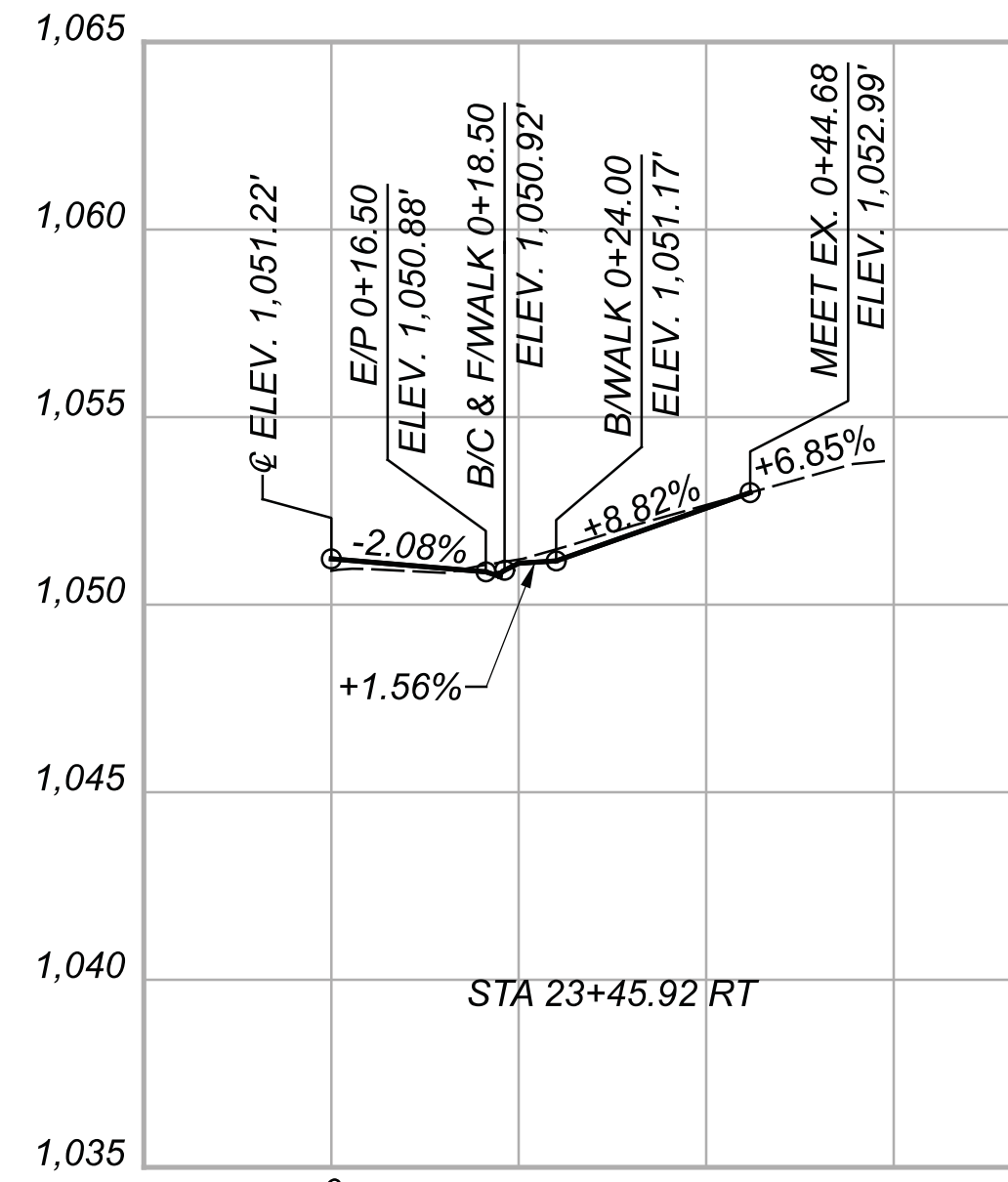
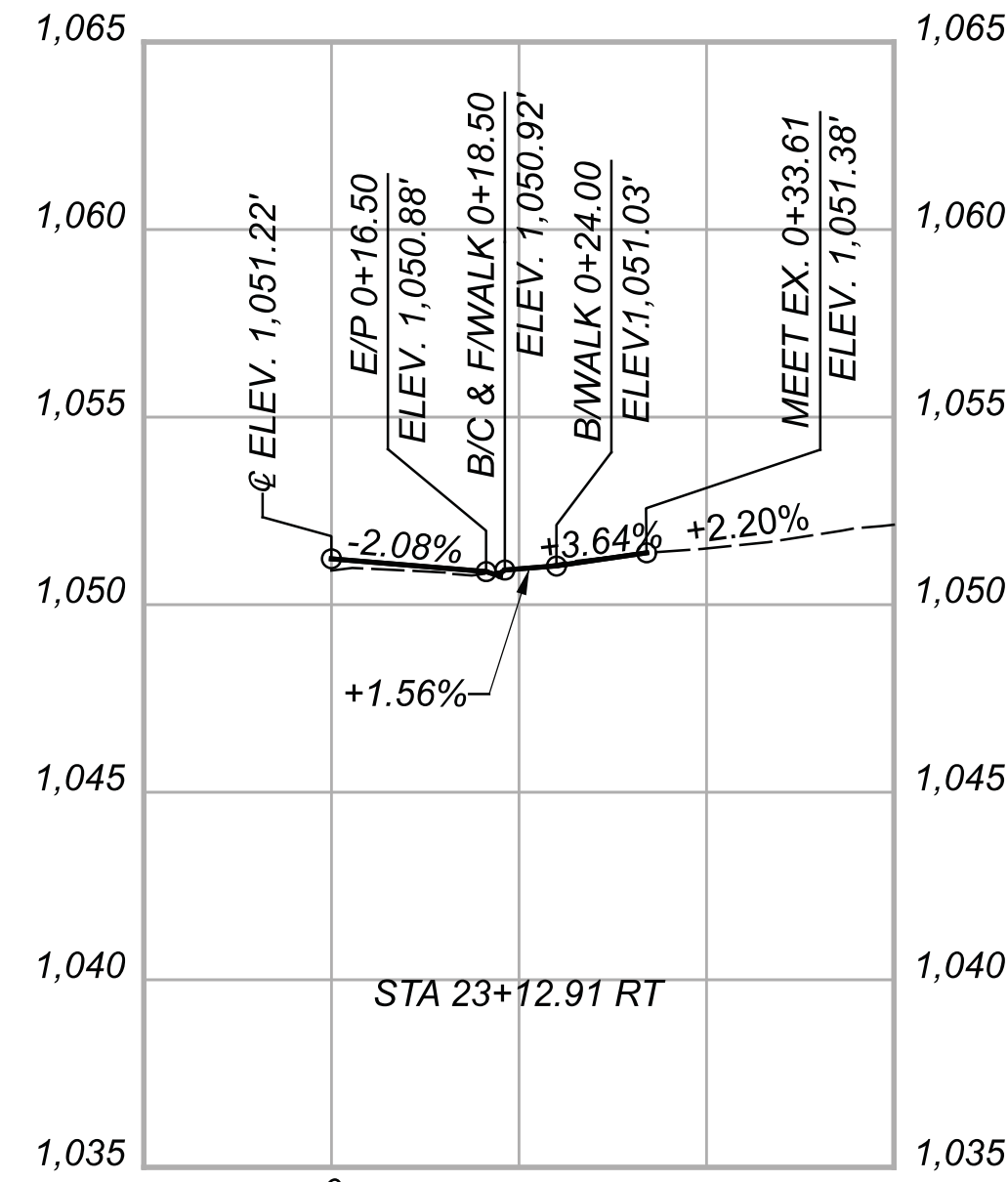
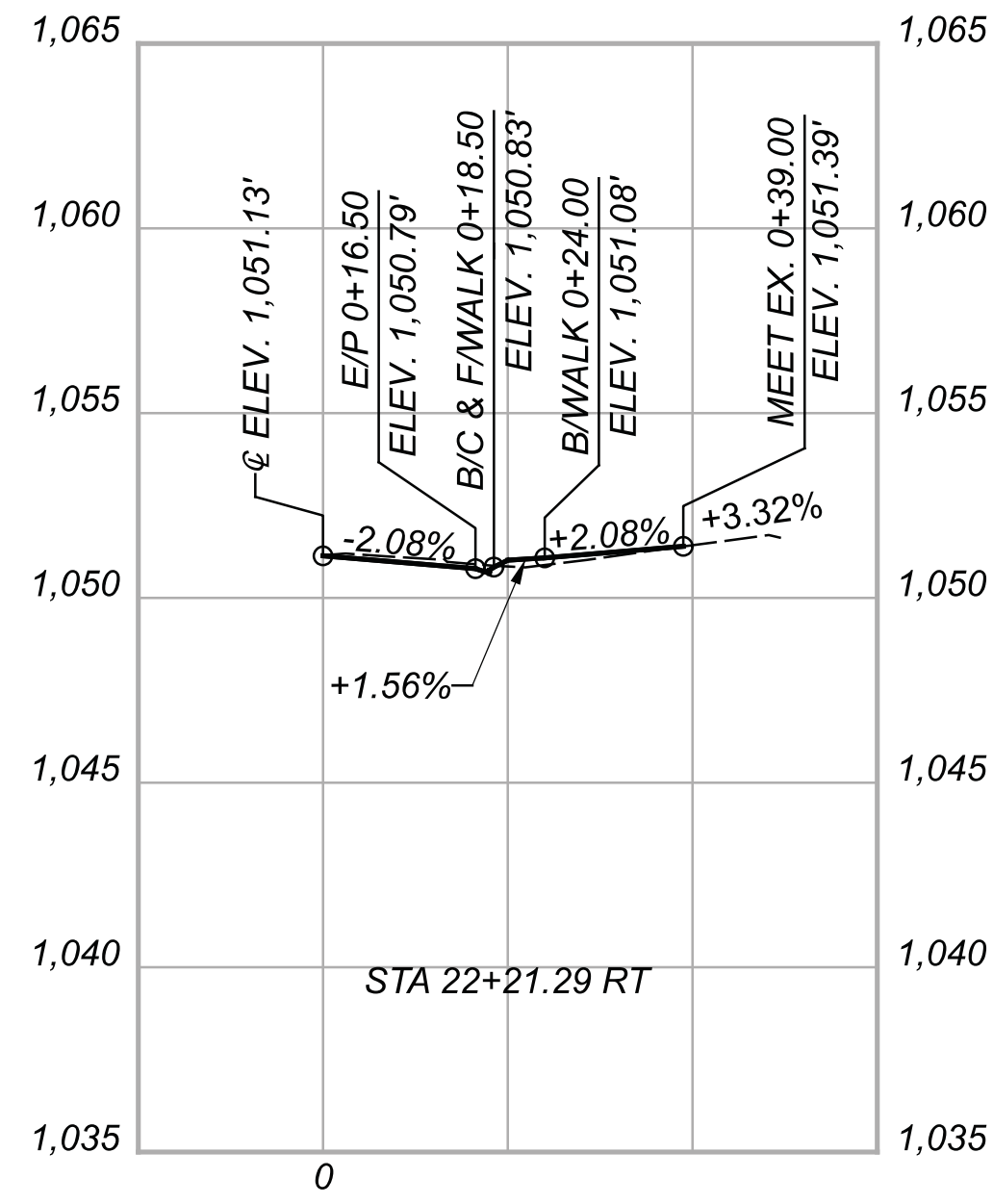
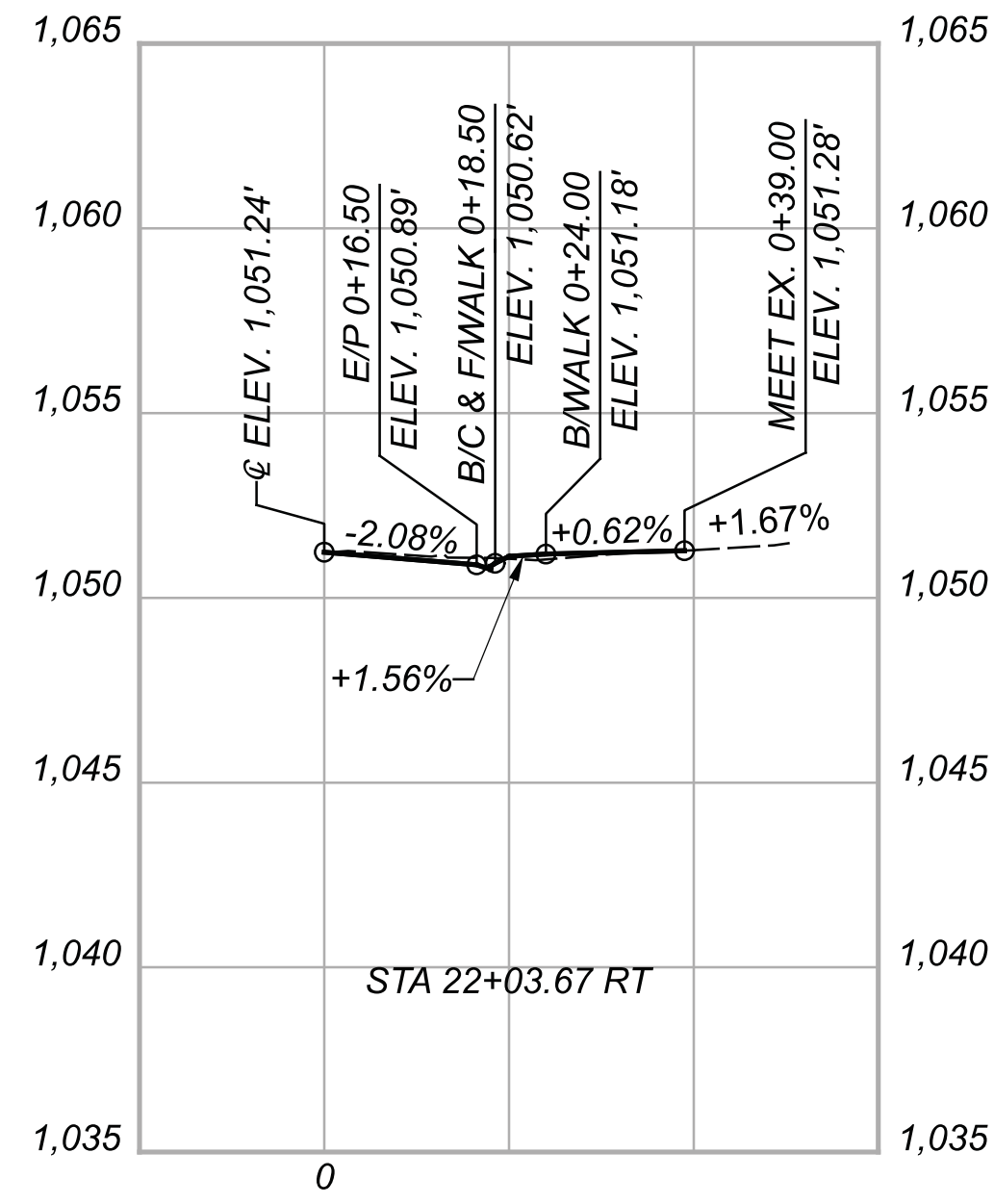
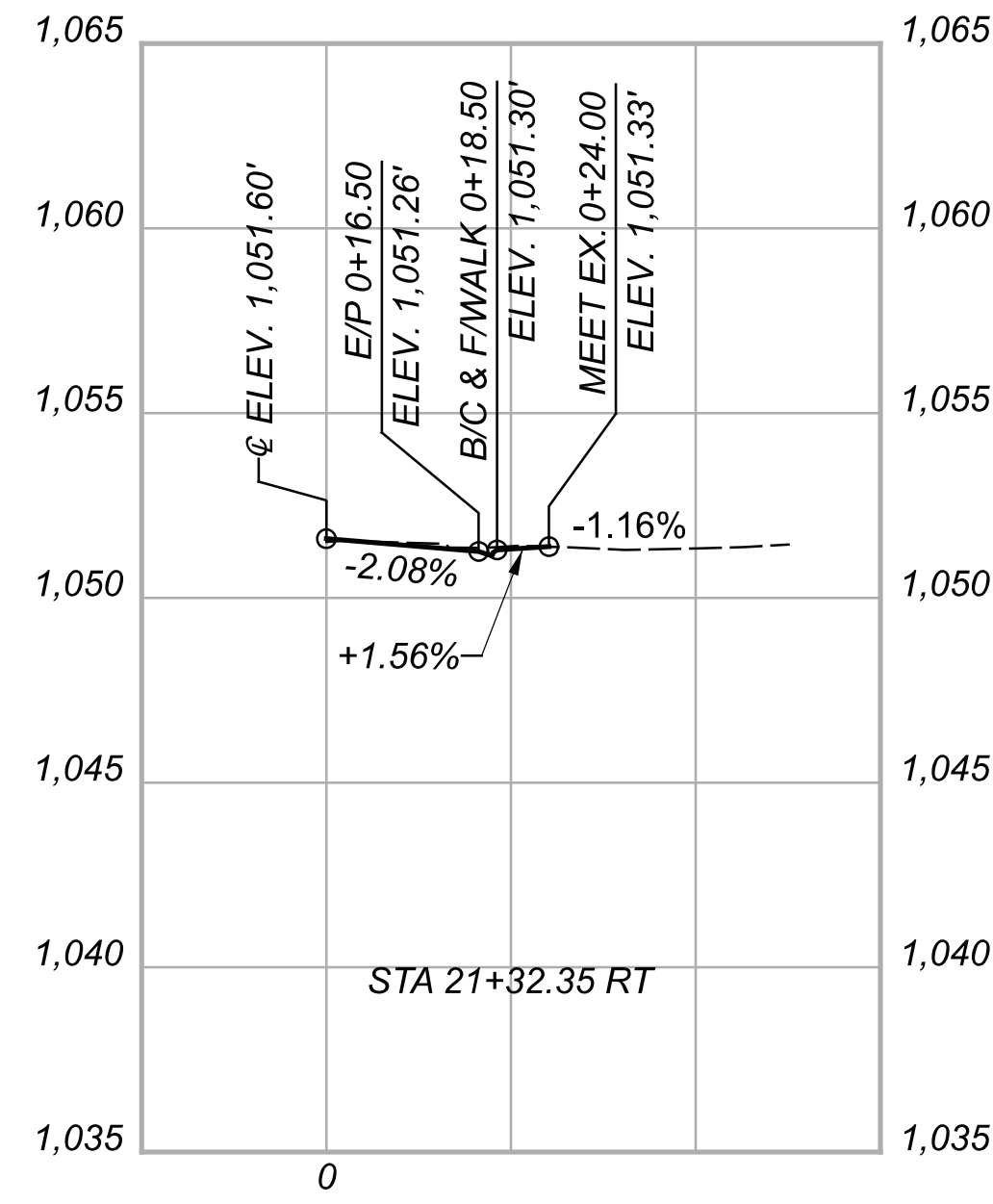
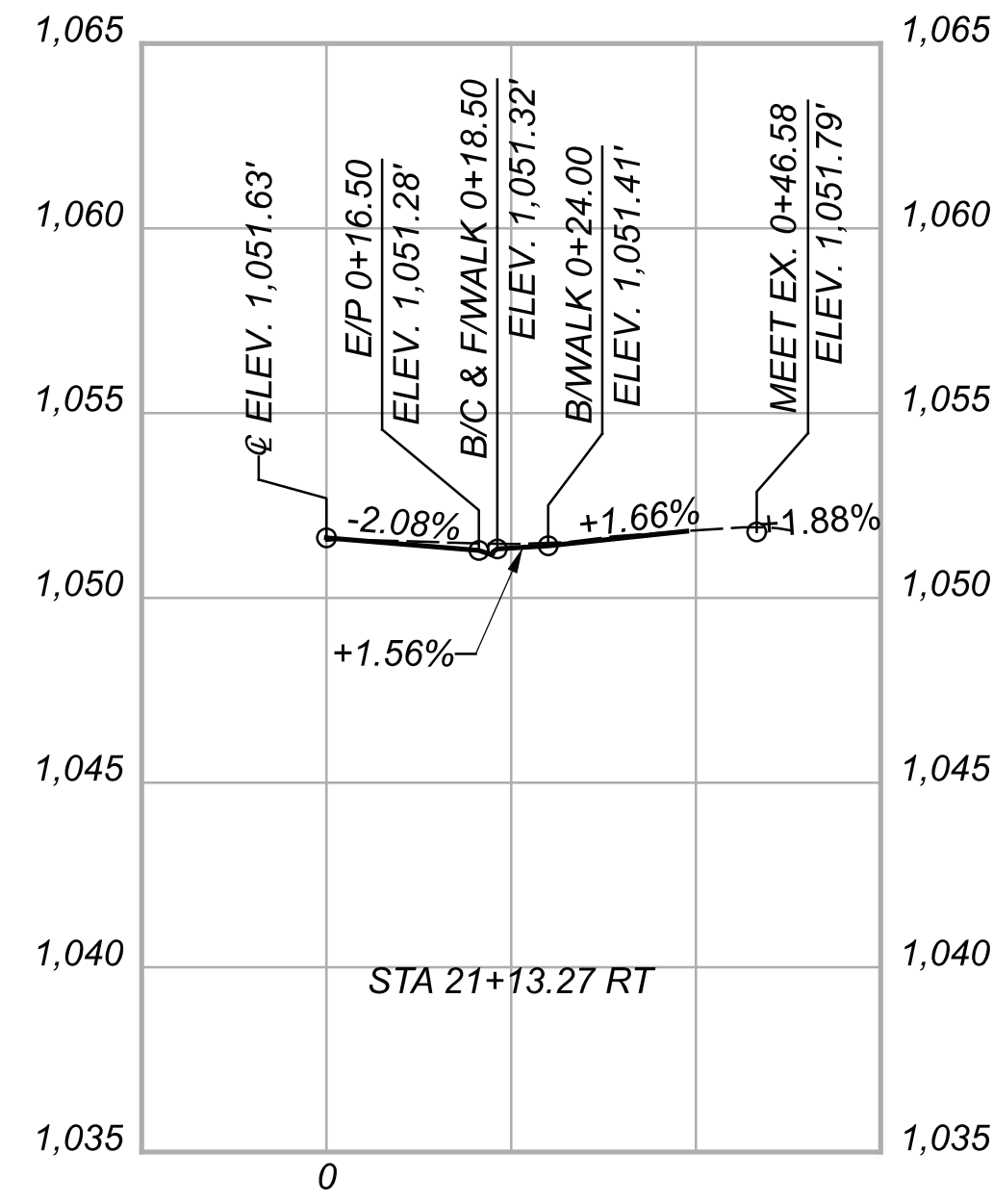
DESIGN AGENCY



DESIGNER	BMG
REVIEWER	MAG 02/27/23
PROJECT ID	112019
SHEET	TOTAL
82	222

CHP-S. HIGH STREET

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DRIVE PROFILES  
 STA. 21+13.27 RT TO STA. 26+82.46 LT

DESIGN AGENCY



DESIGNER

BMG

REVIEWER

MAG 02/27/23

PROJECT ID

112019

SHEET

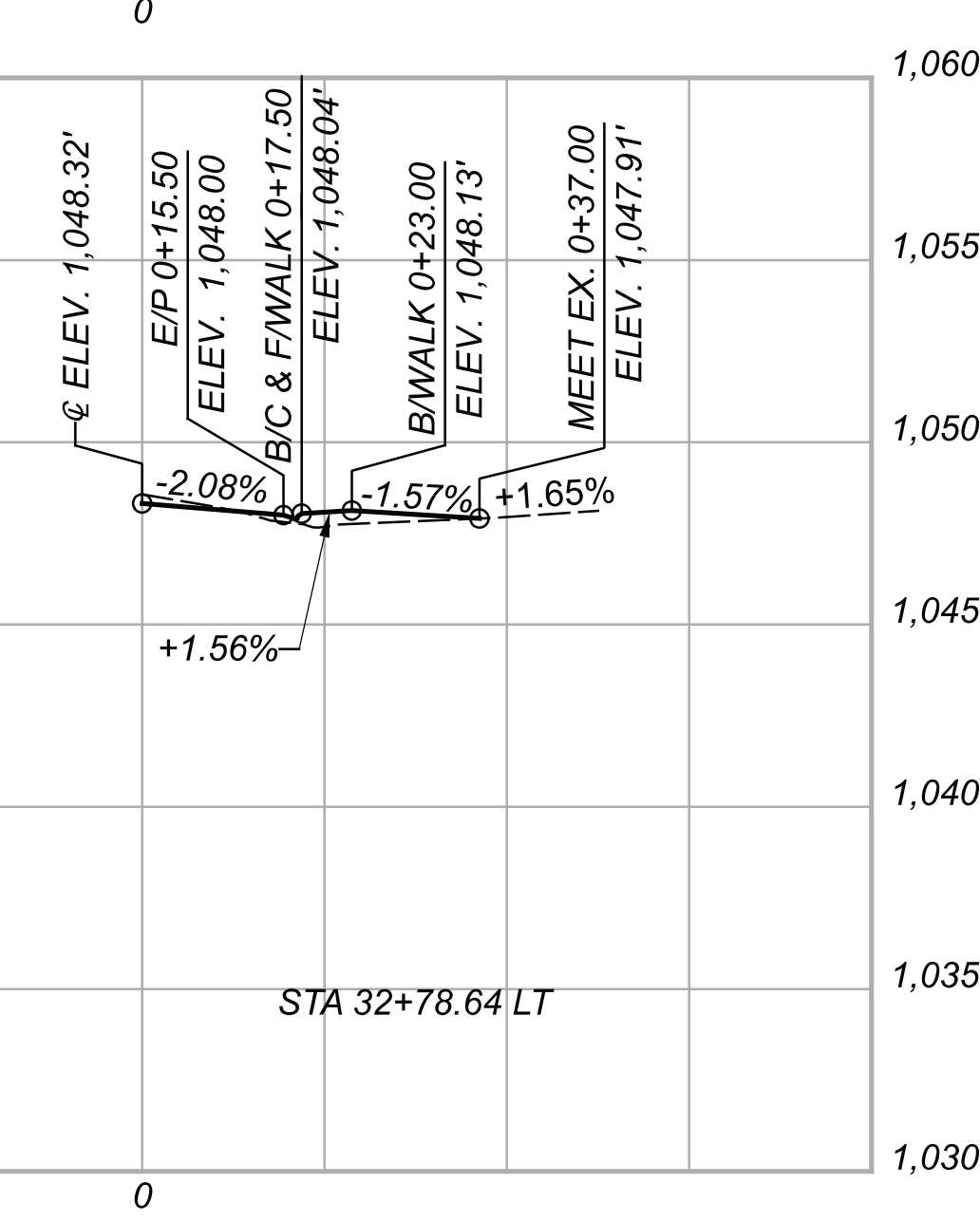
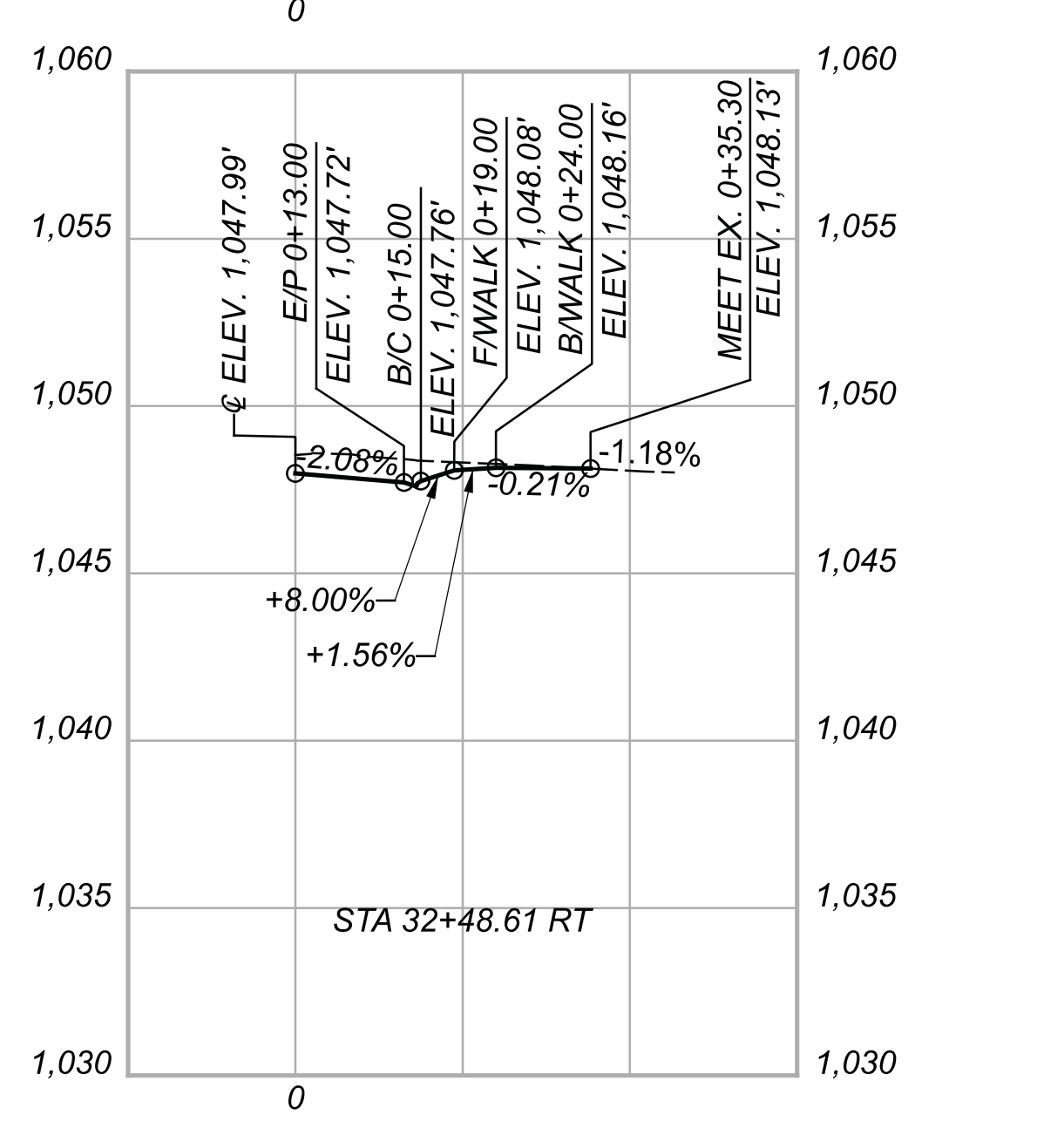
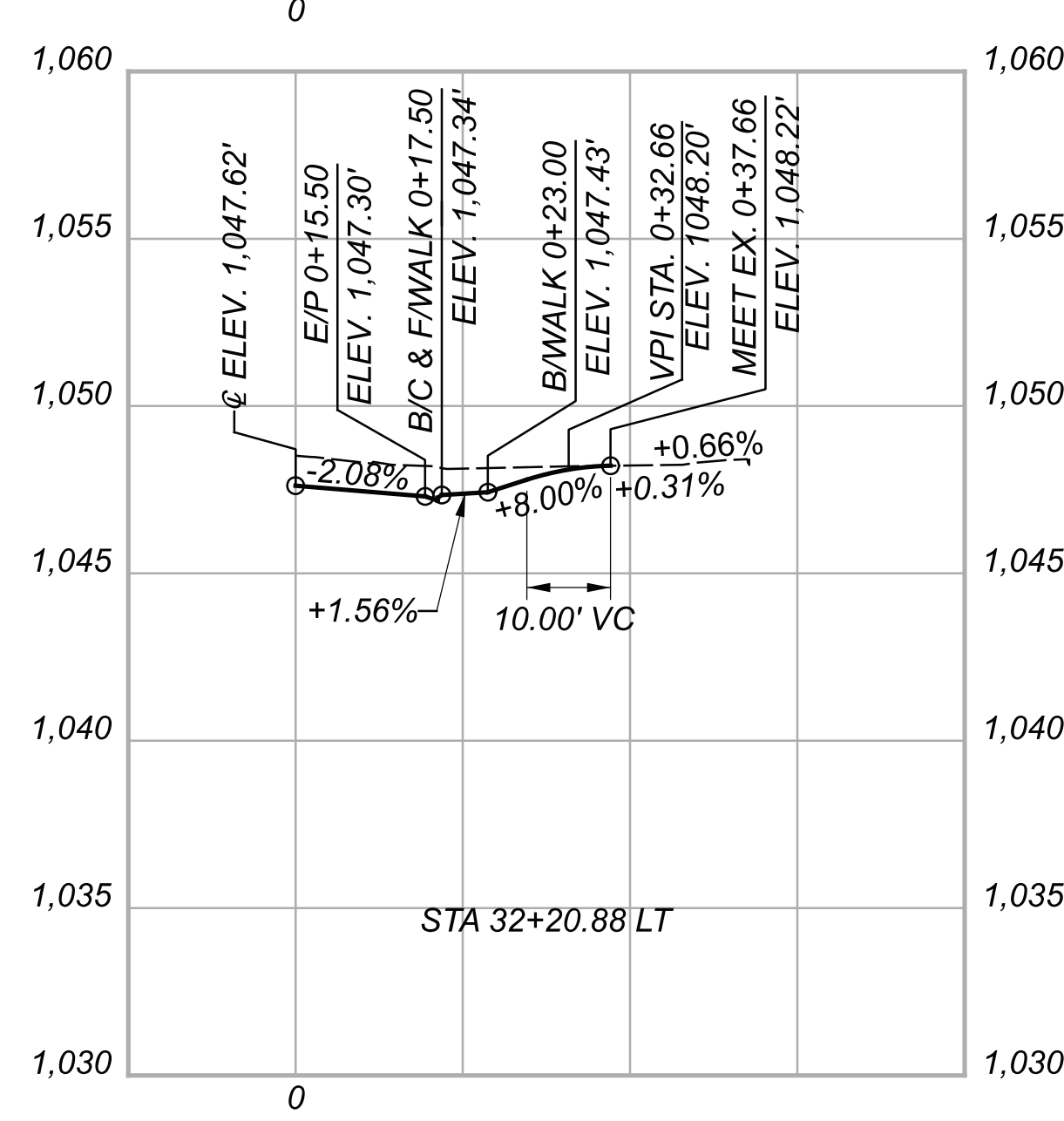
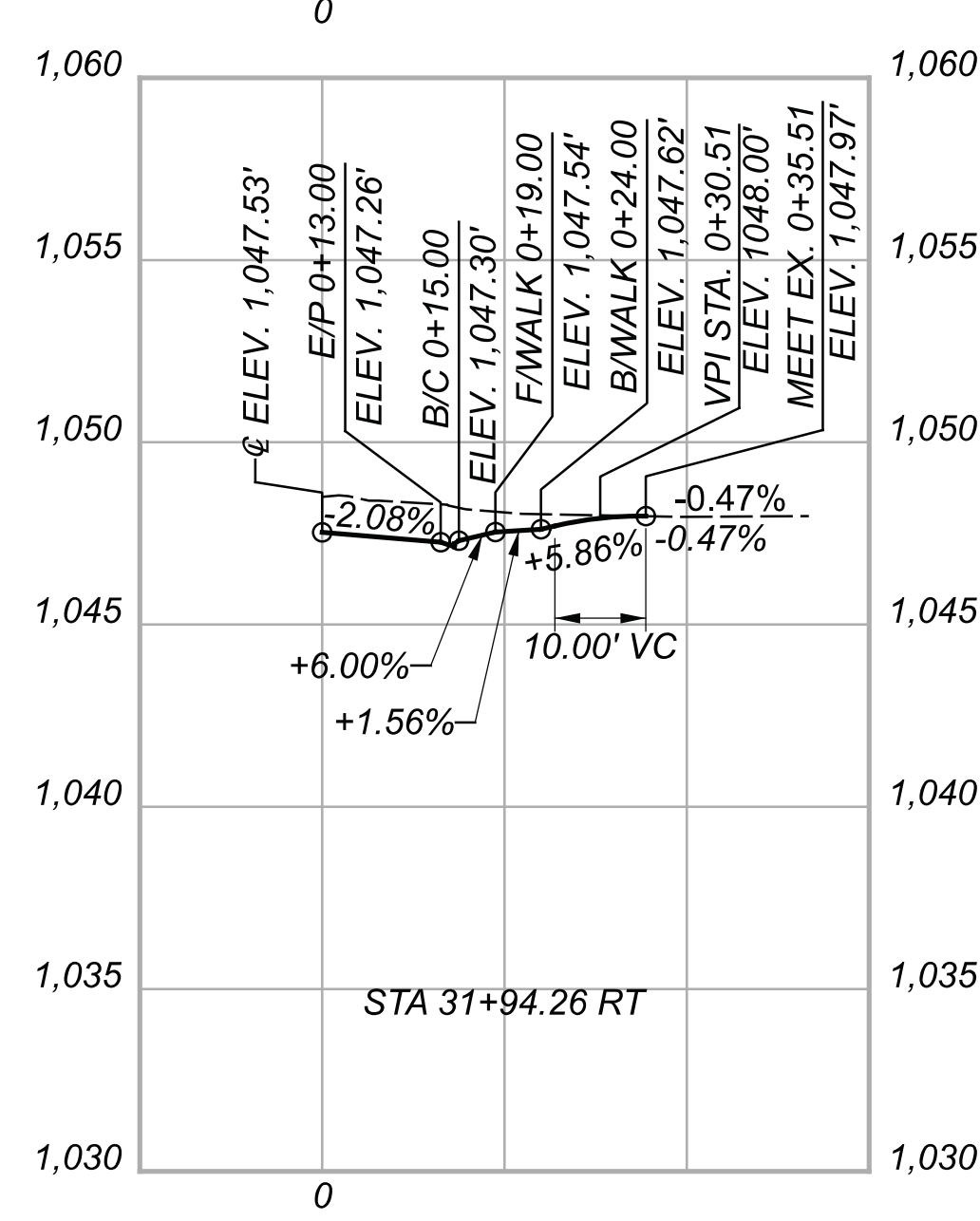
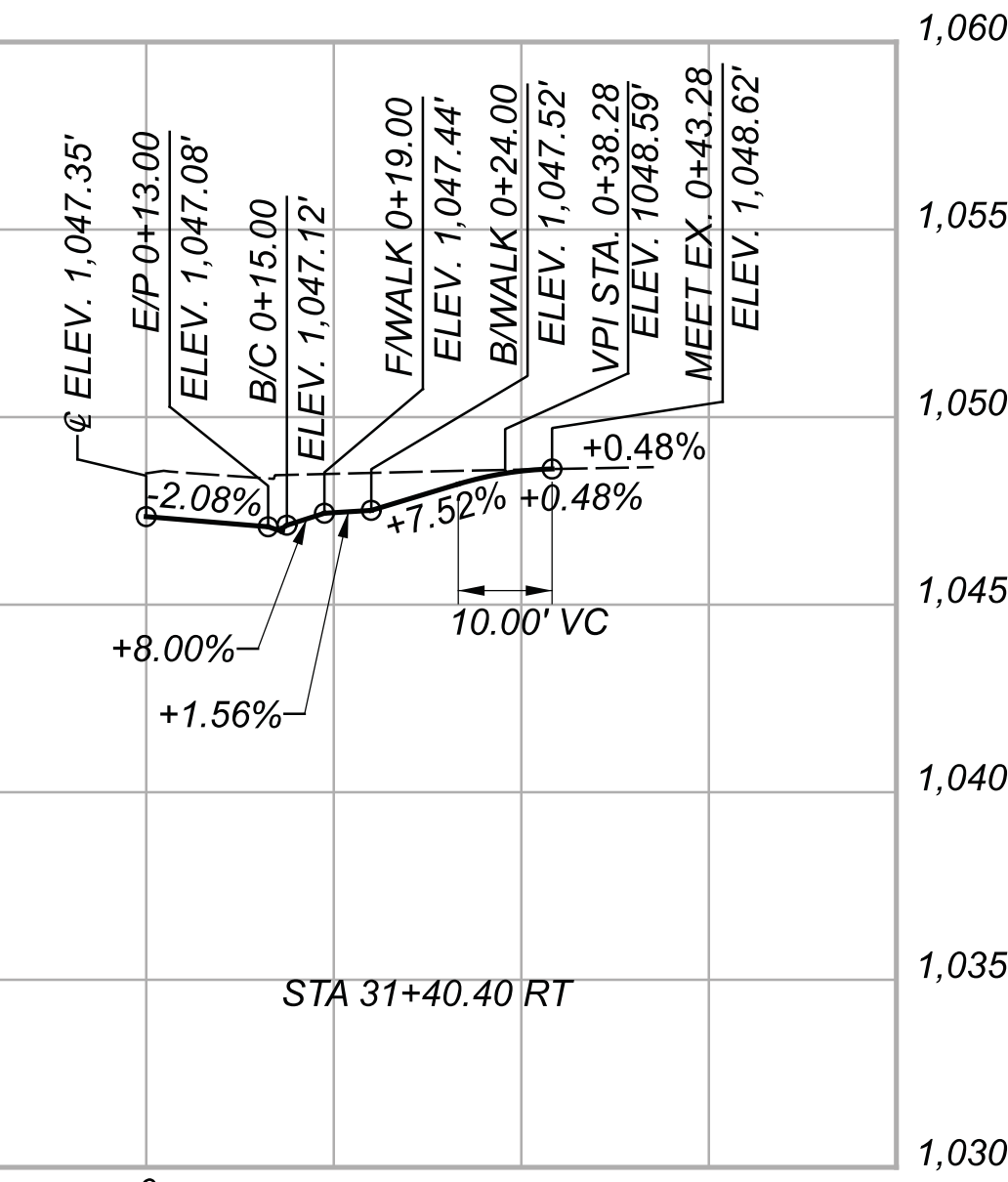
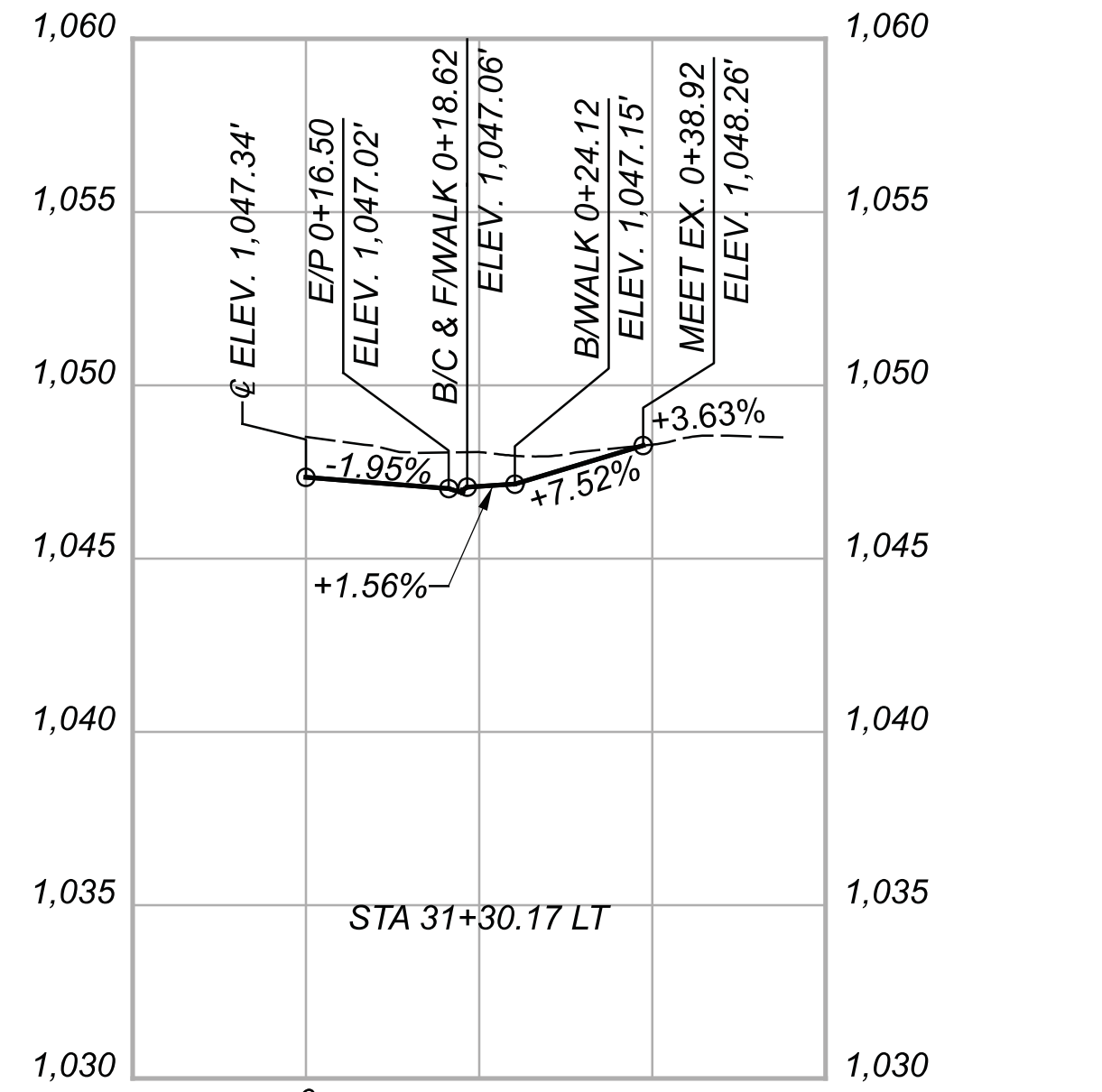
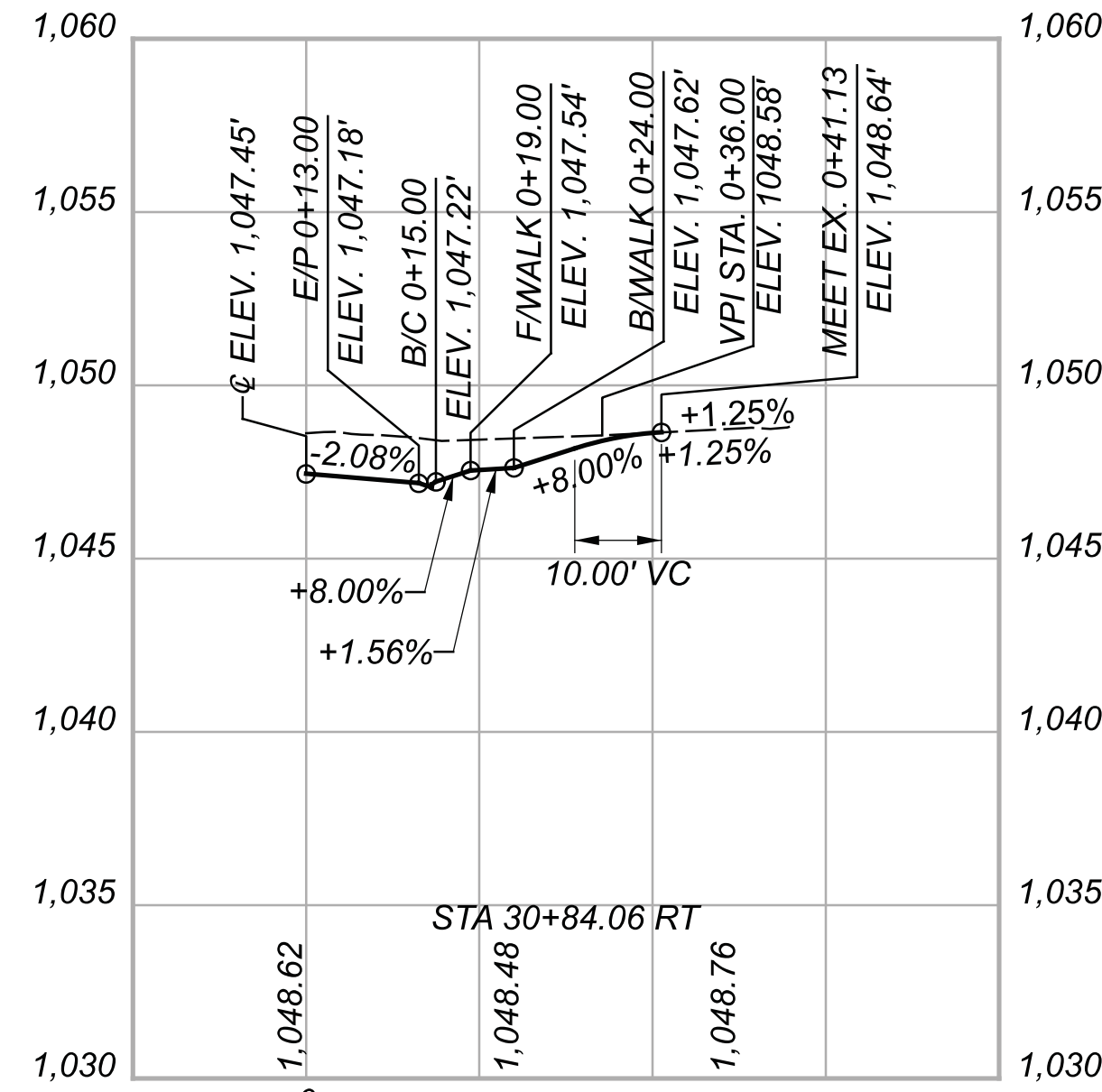
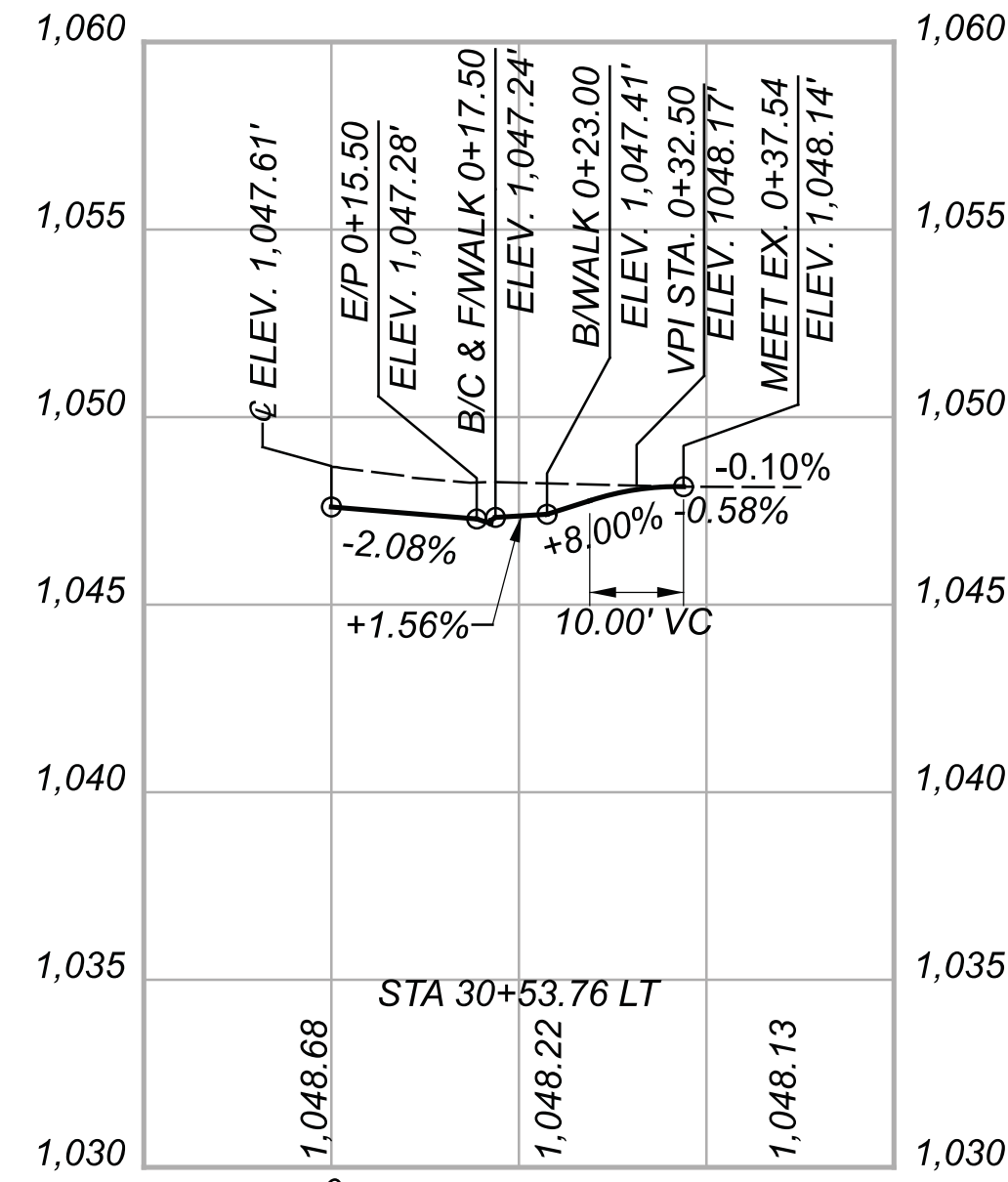
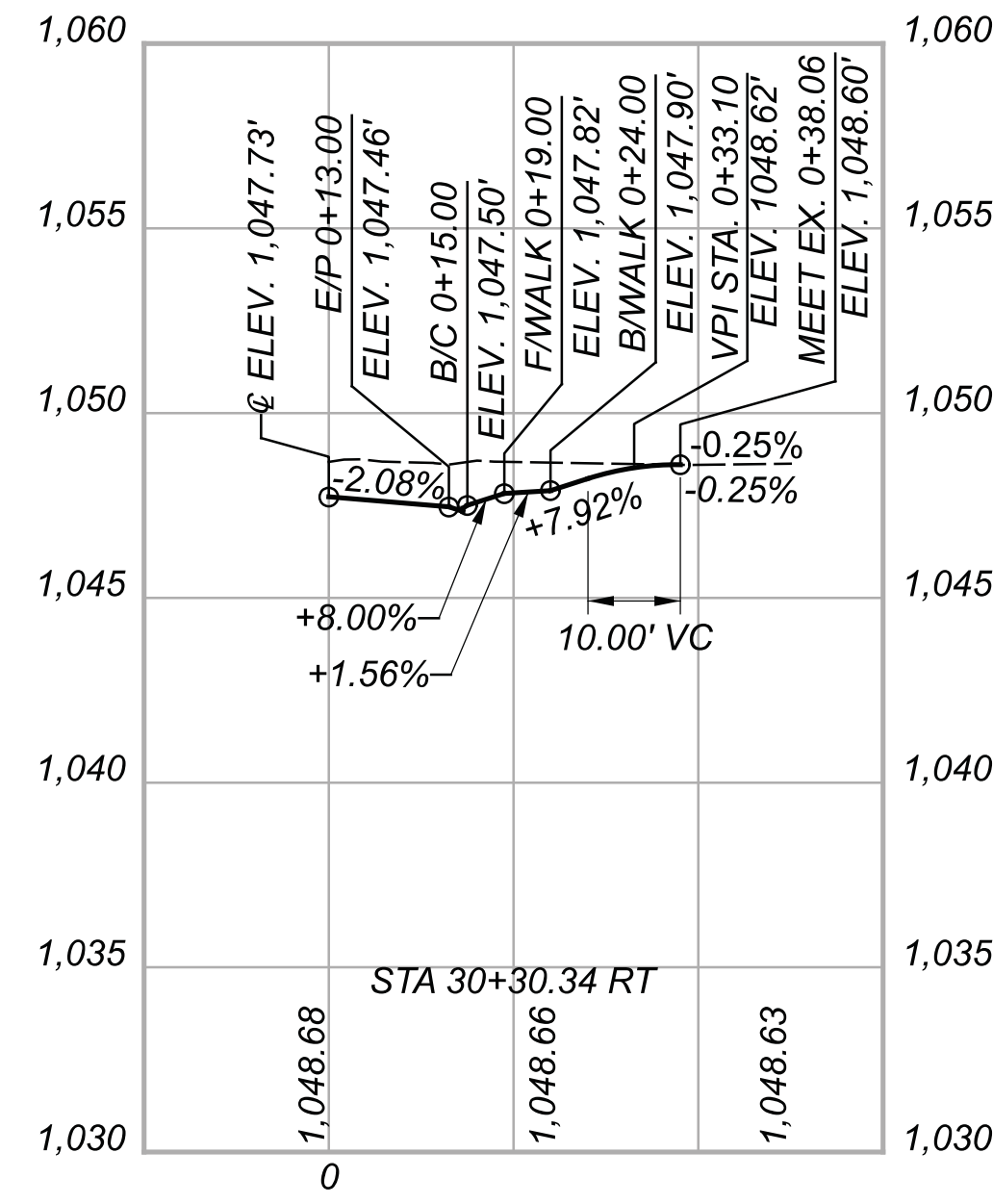
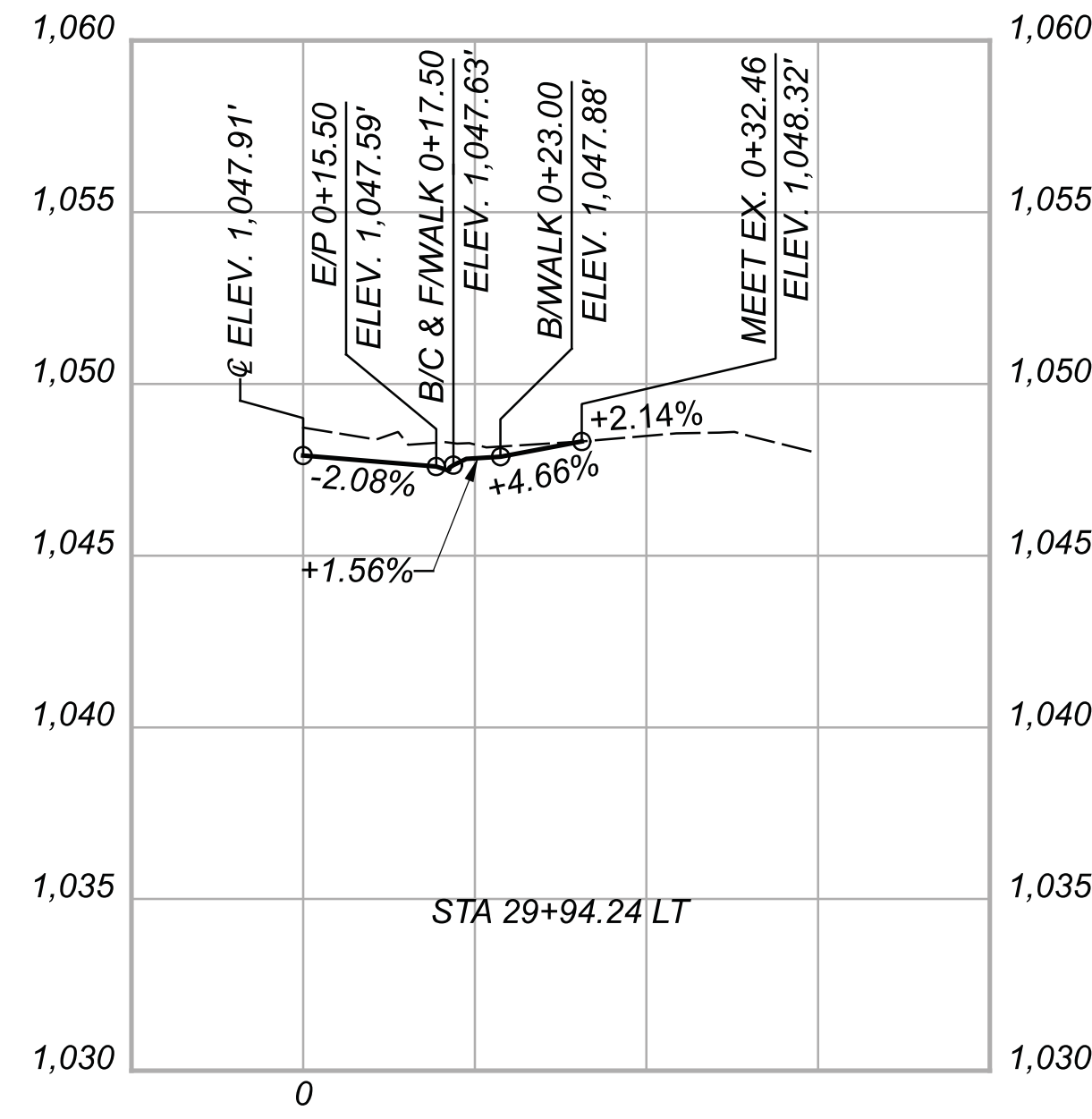
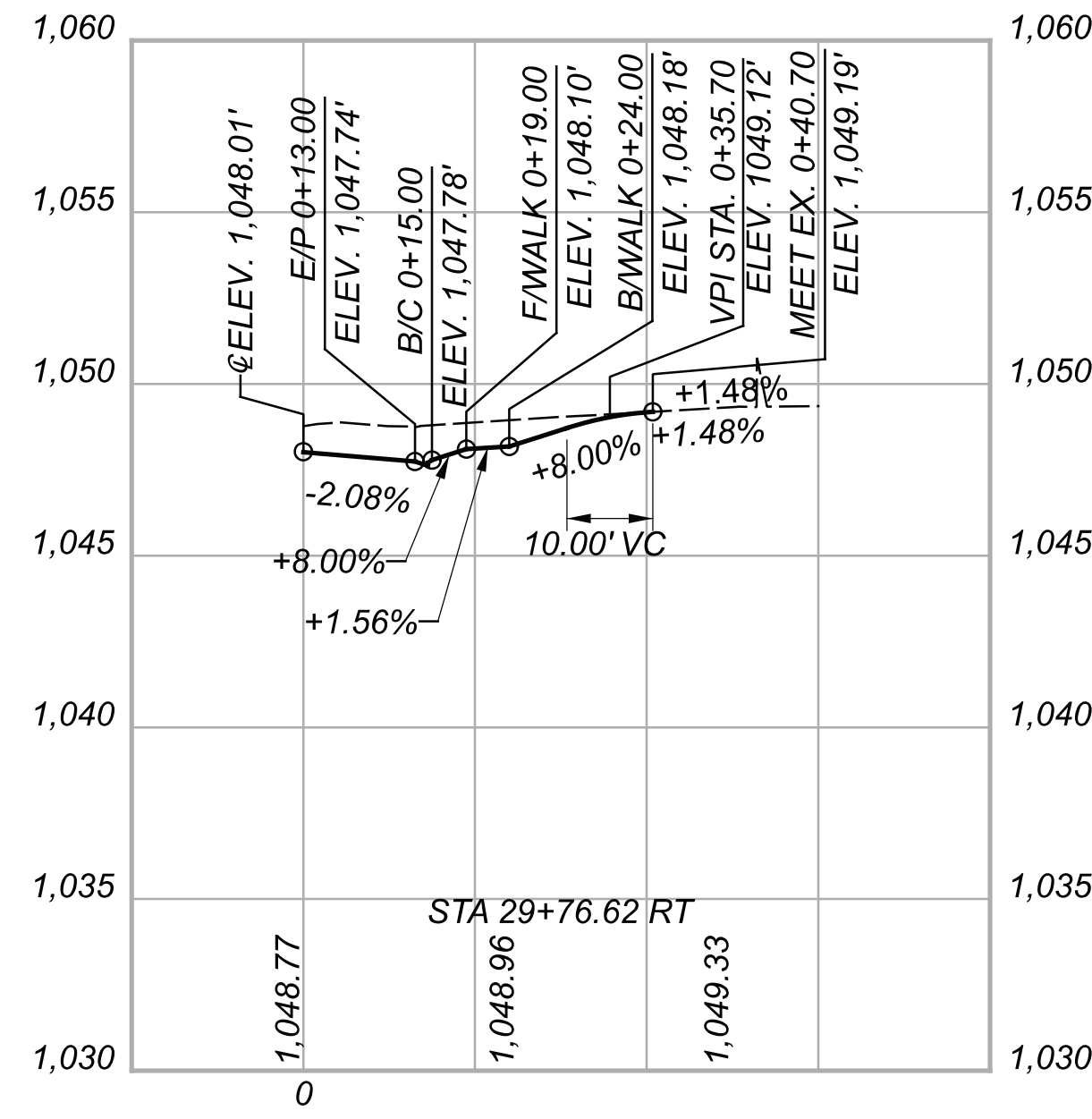
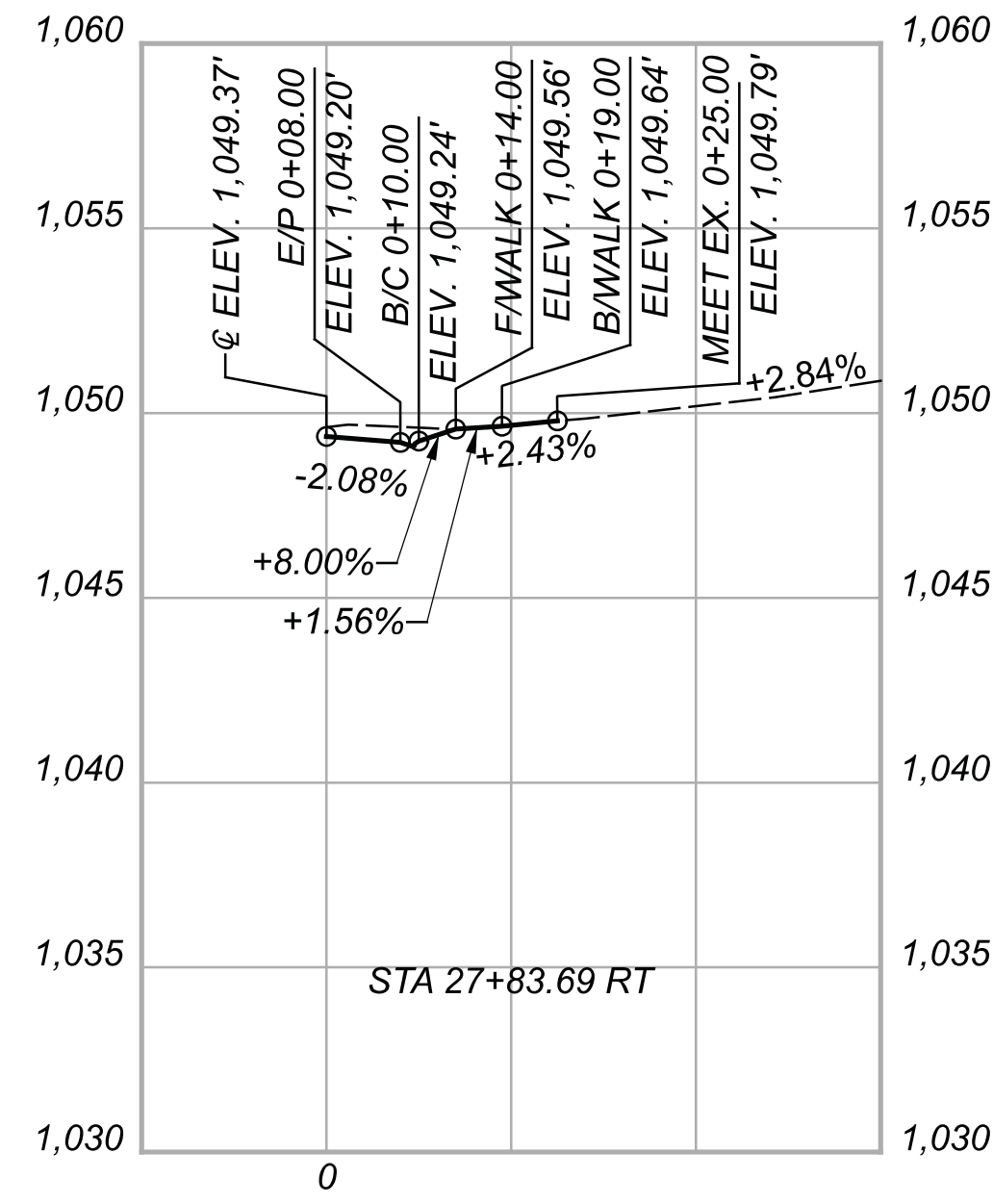
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TOTAL

222

**CHP-S. HIGH STREET**

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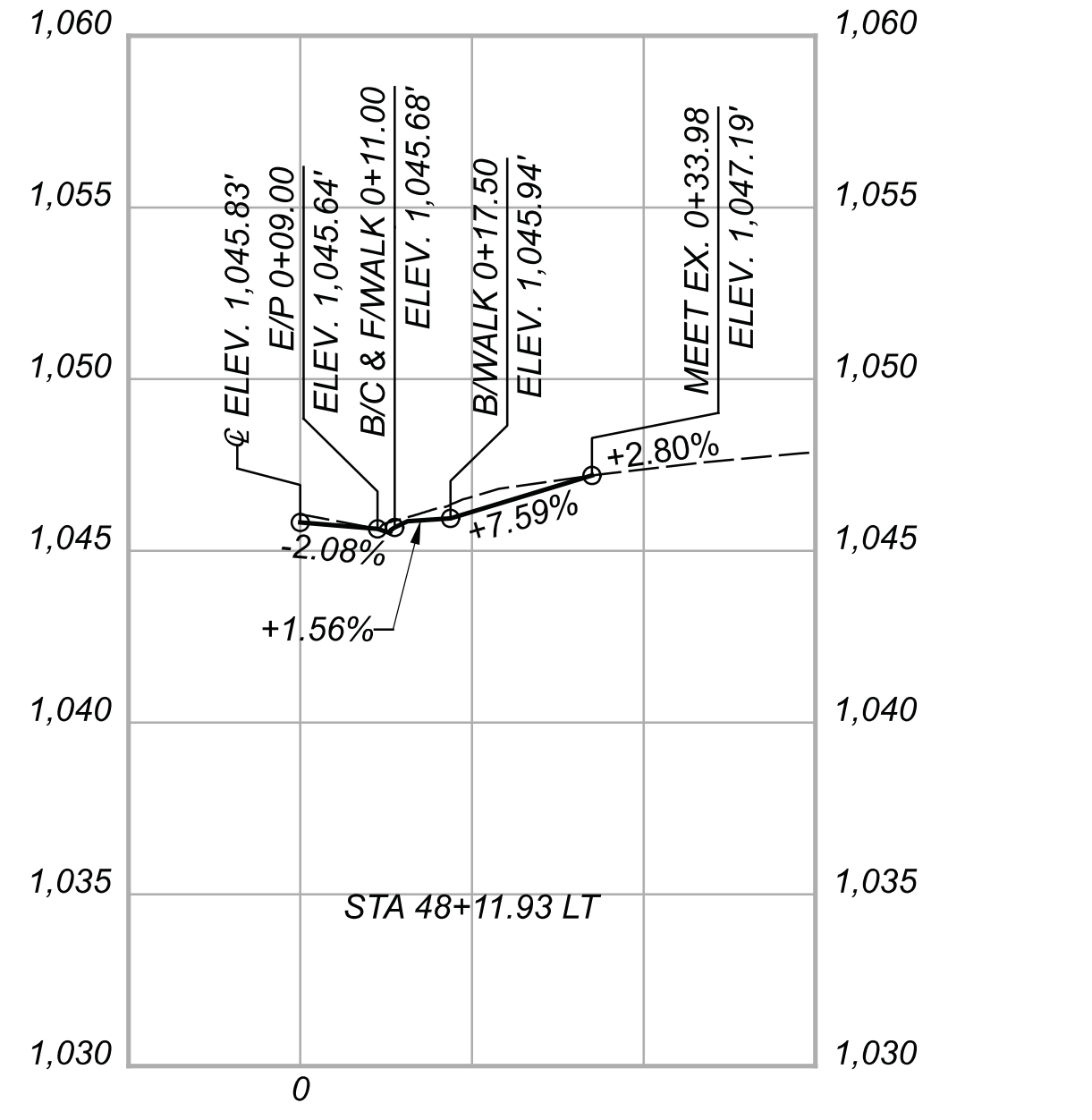
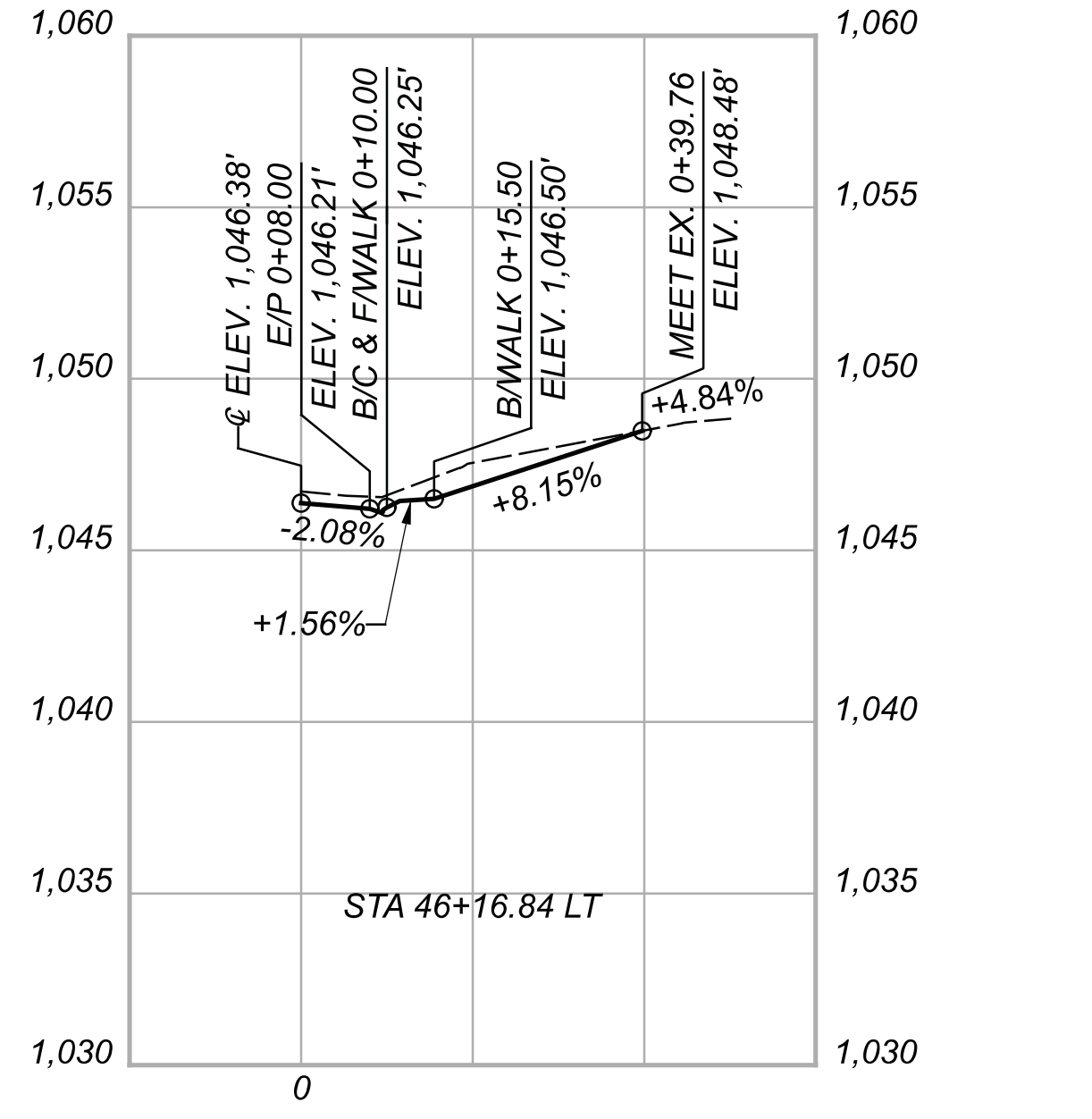
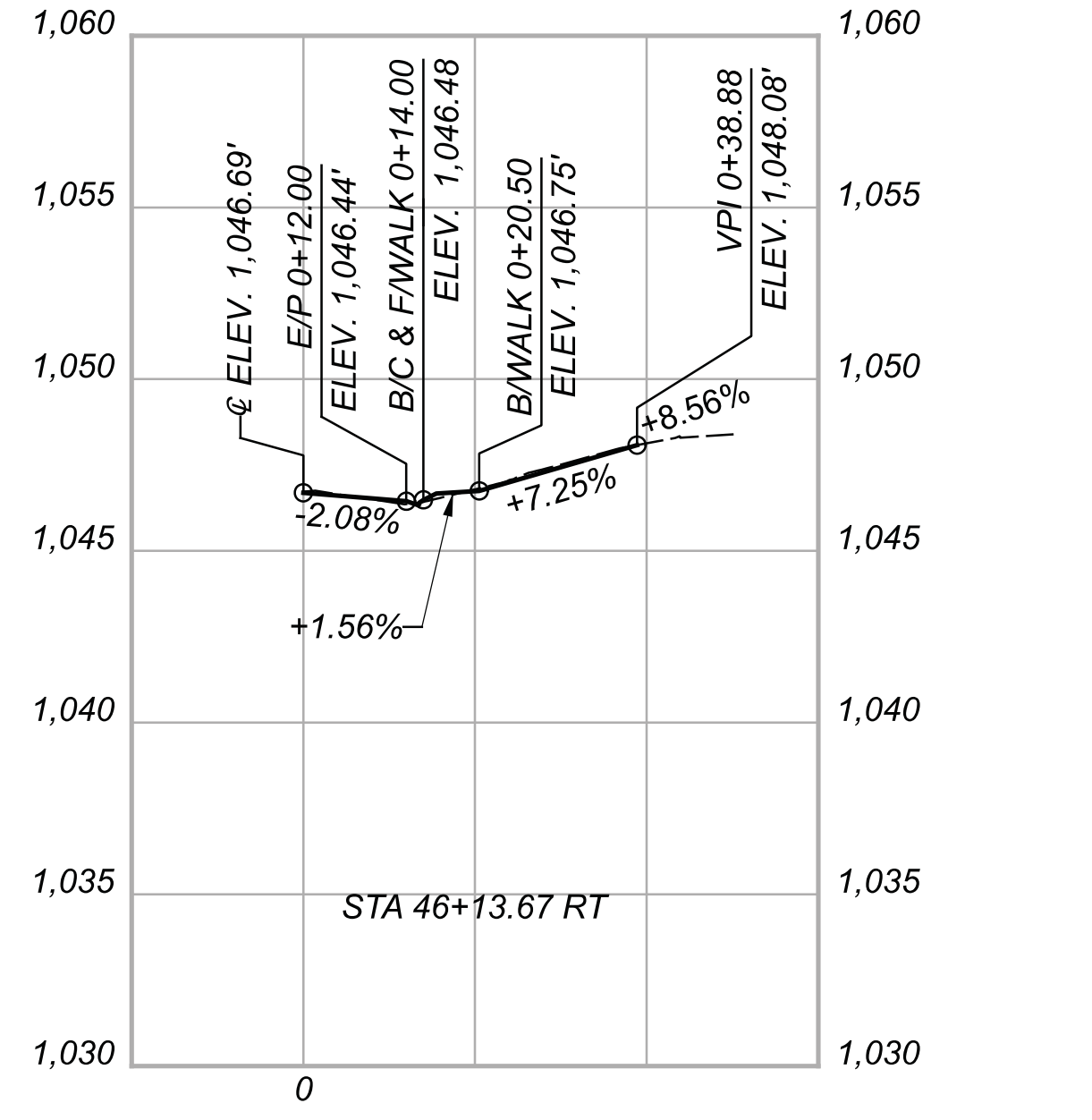
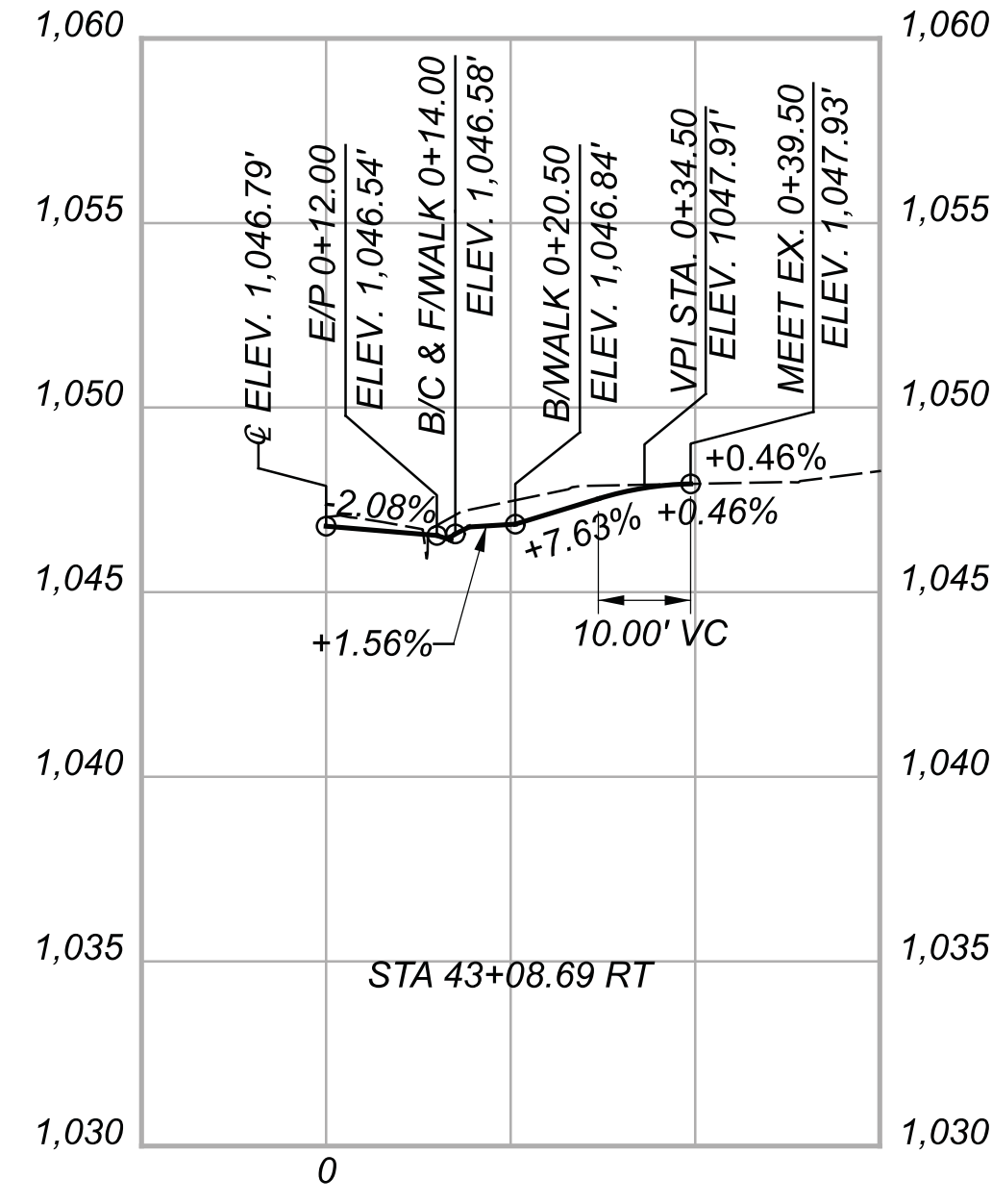
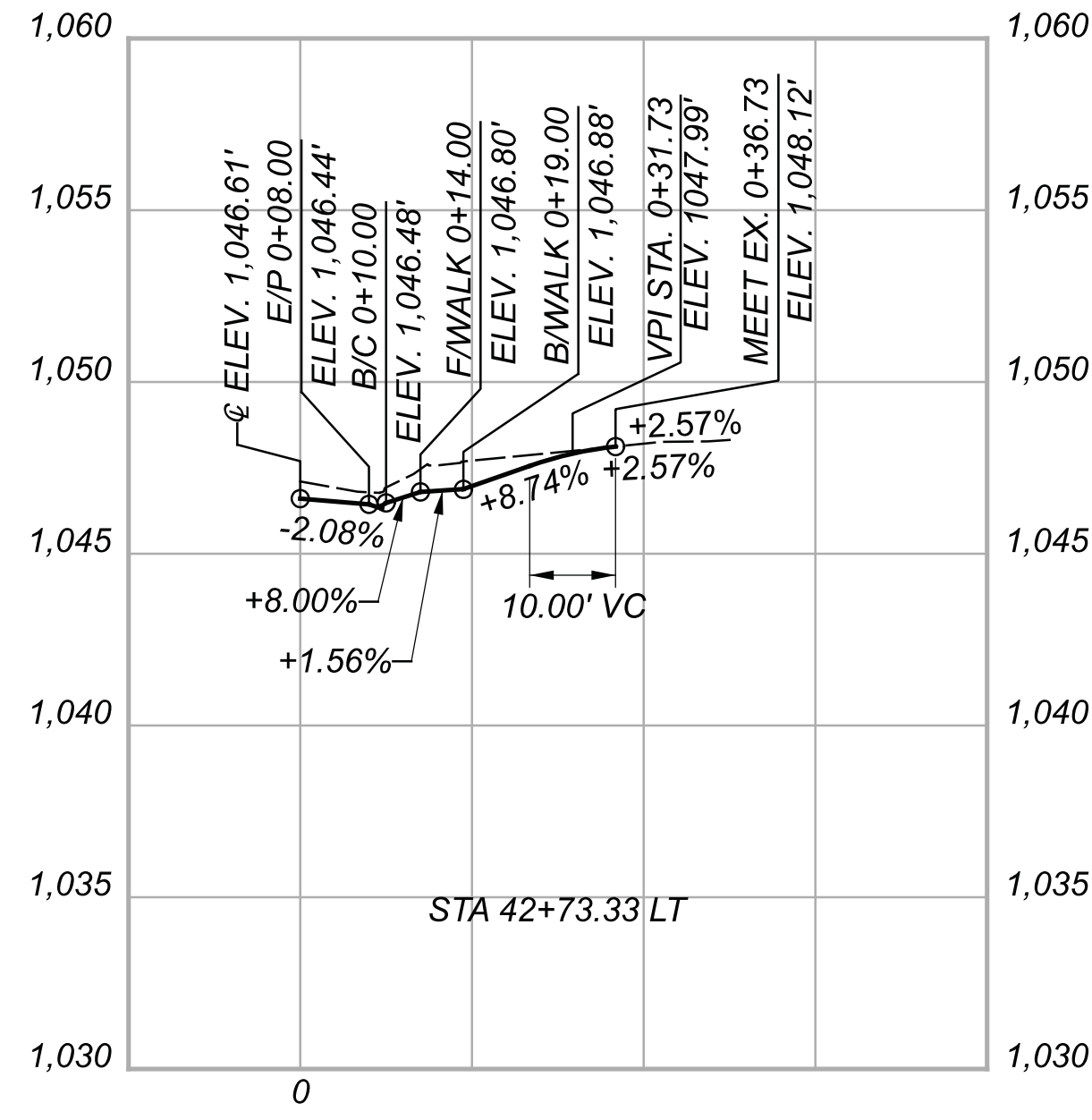
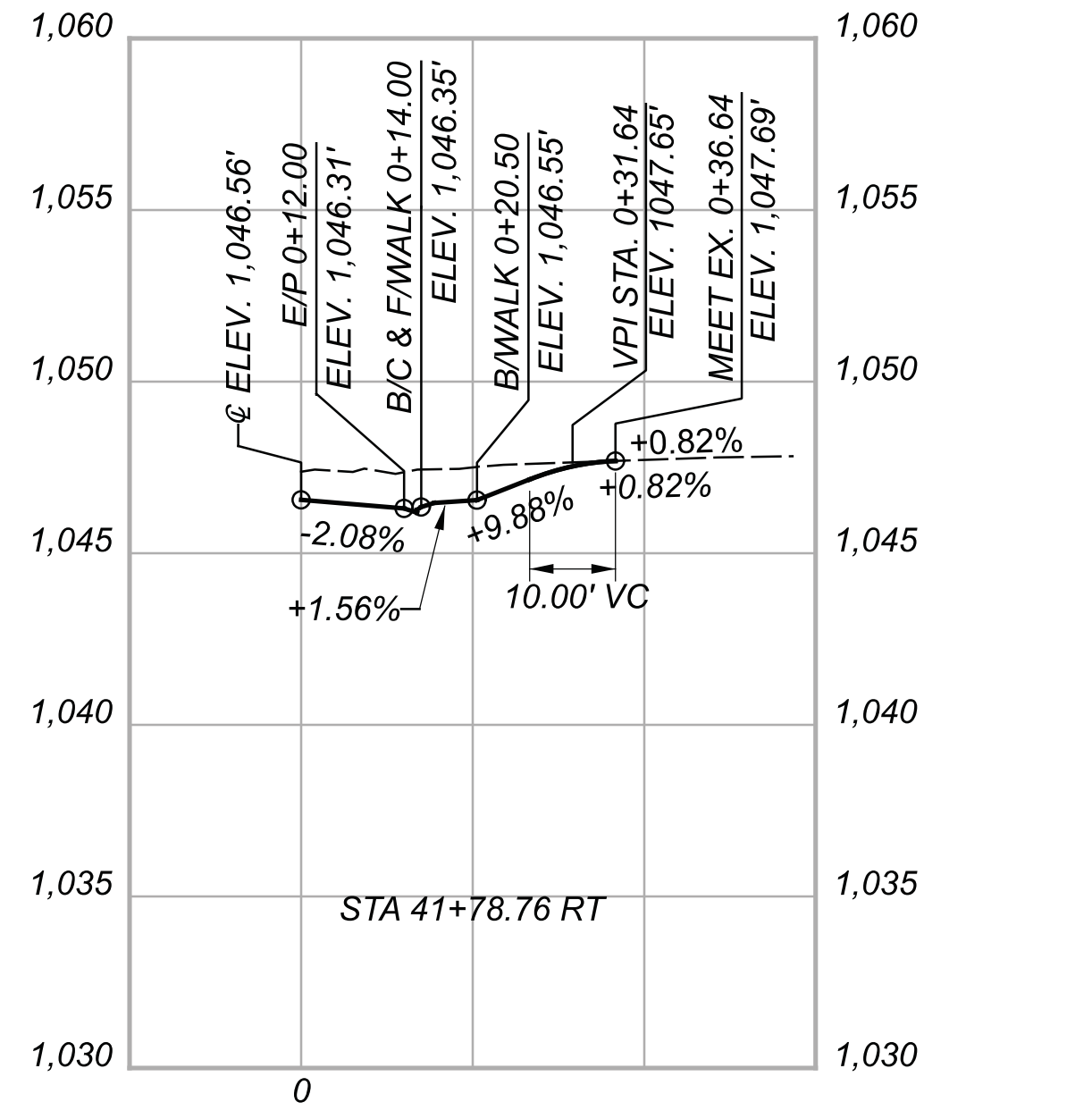
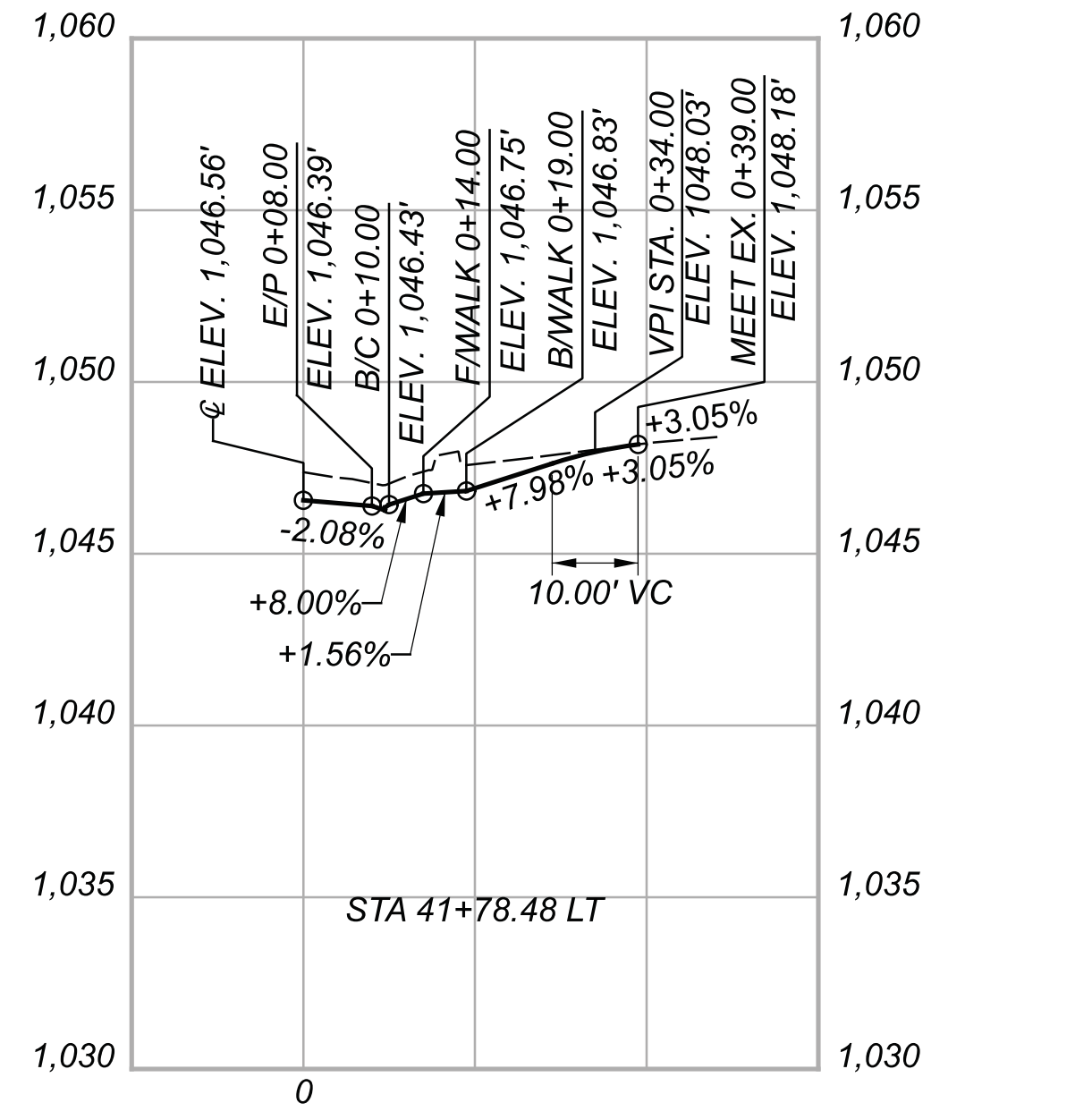
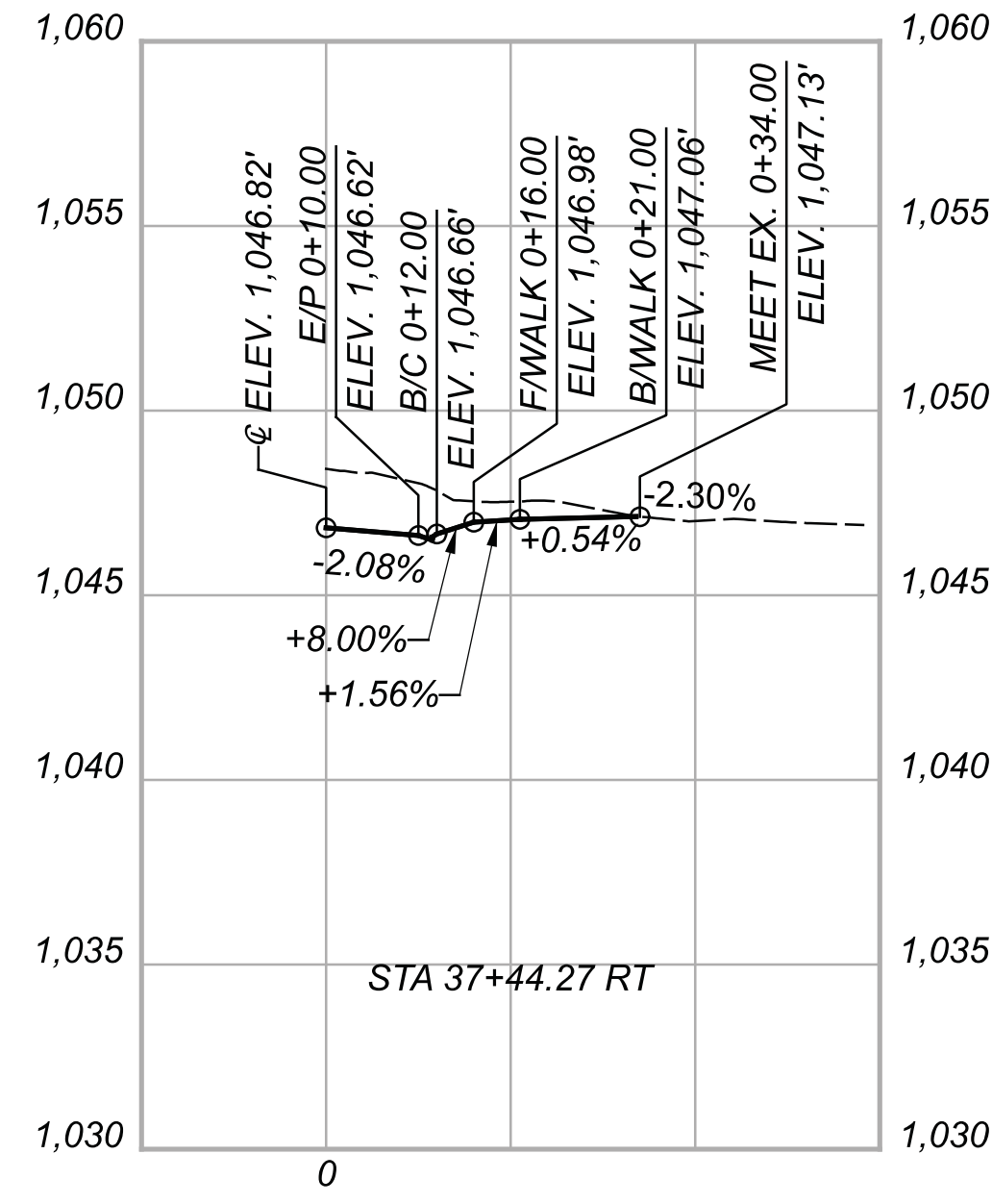
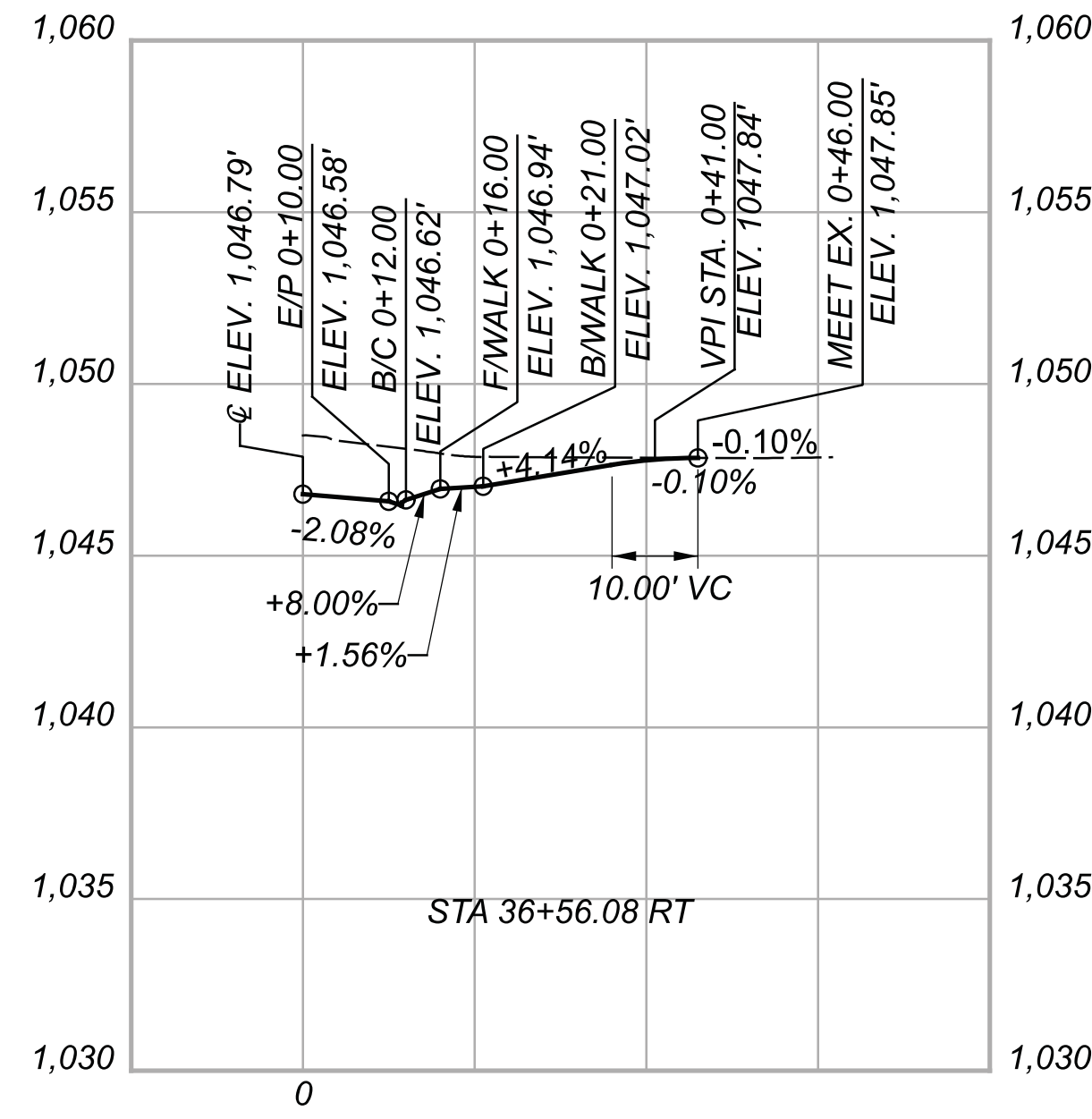
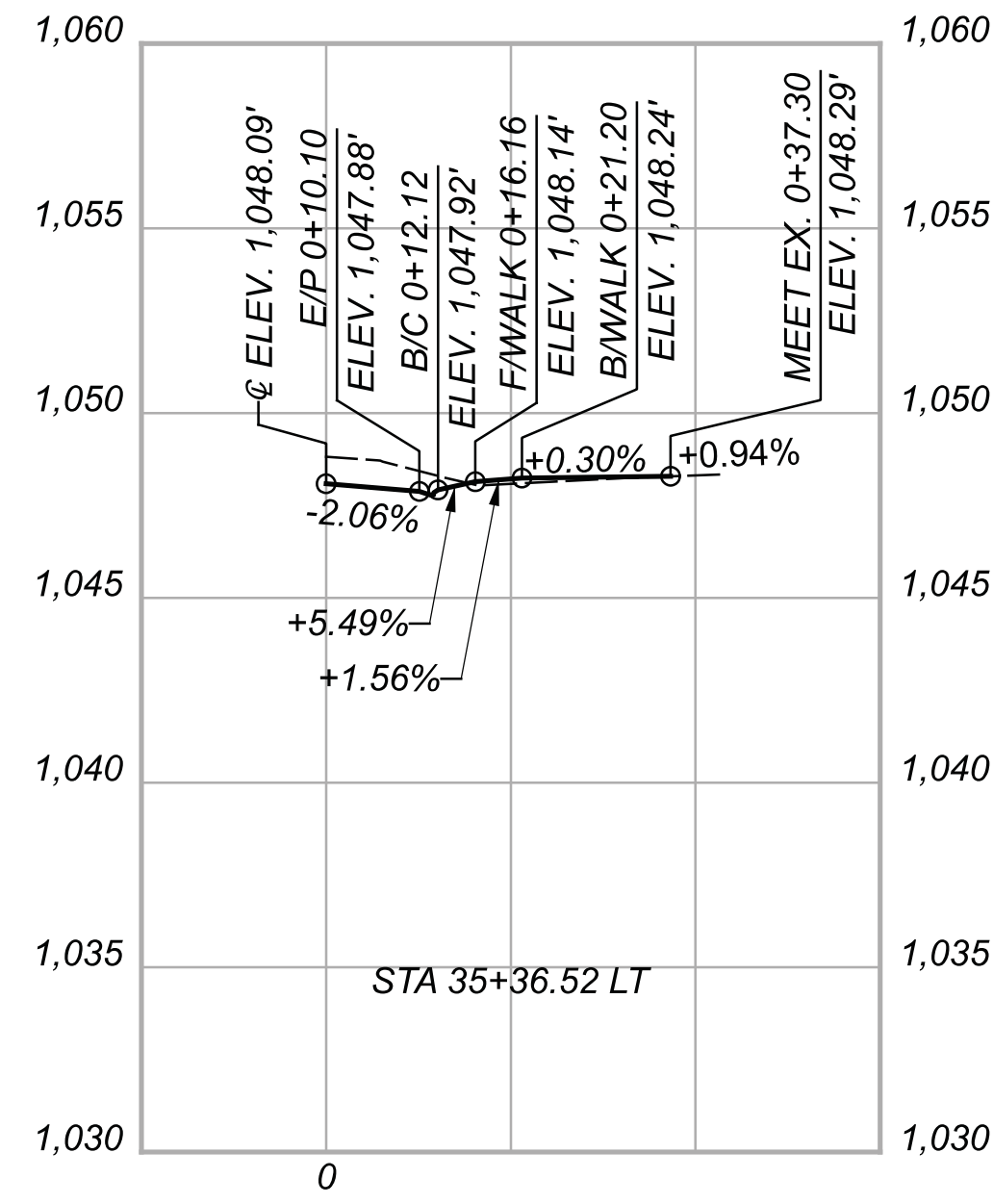
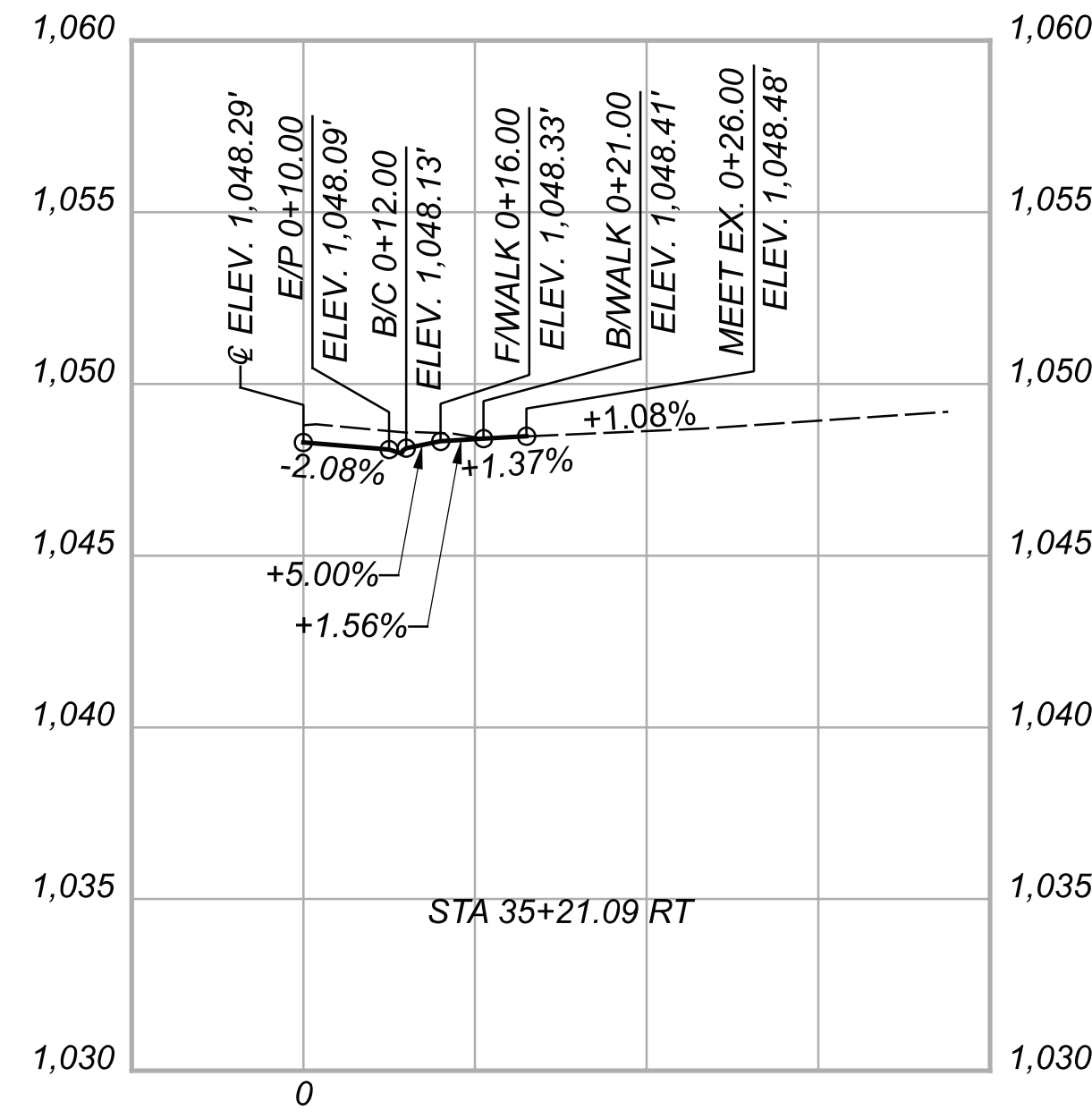
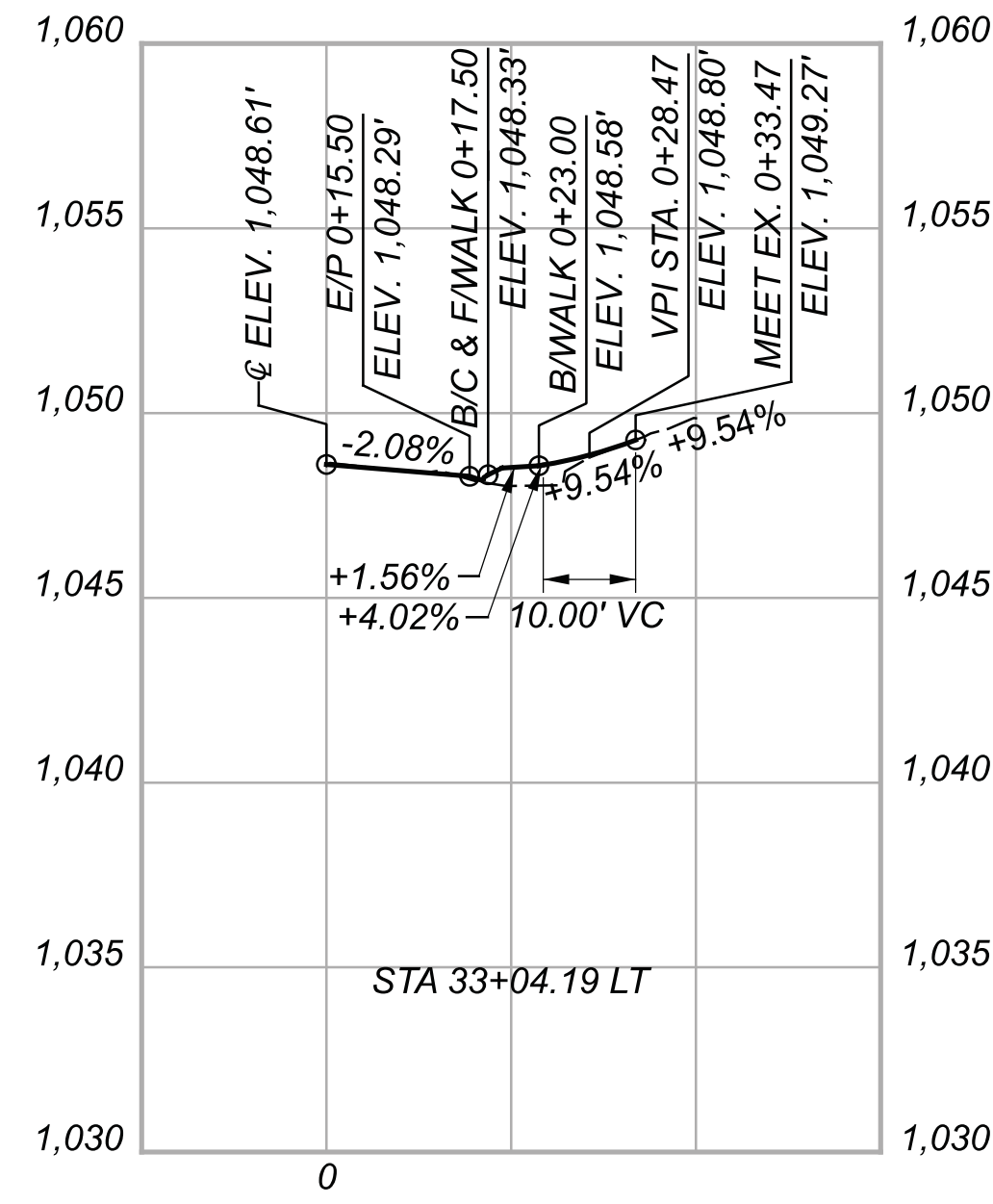


**DRIVE PROFILES**  
**STA. 27+83.69 RT TO STA. 32+78.64 LT**

DESIGN AGENCY	
DESIGNER	BMG
REVIEWER	MAG
PROJECT ID	112019
SHEET	84
TOTAL	222

**CHP-S. HIGH STREET**

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**DRIVE PROFILES**  
**STA. 33+04.19 LT TO STA. 48+11.93 LT**

DESIGN AGENCY



DESIGNER

**BMG**

REVIEWER

MAG 02/27/23

PROJECT ID

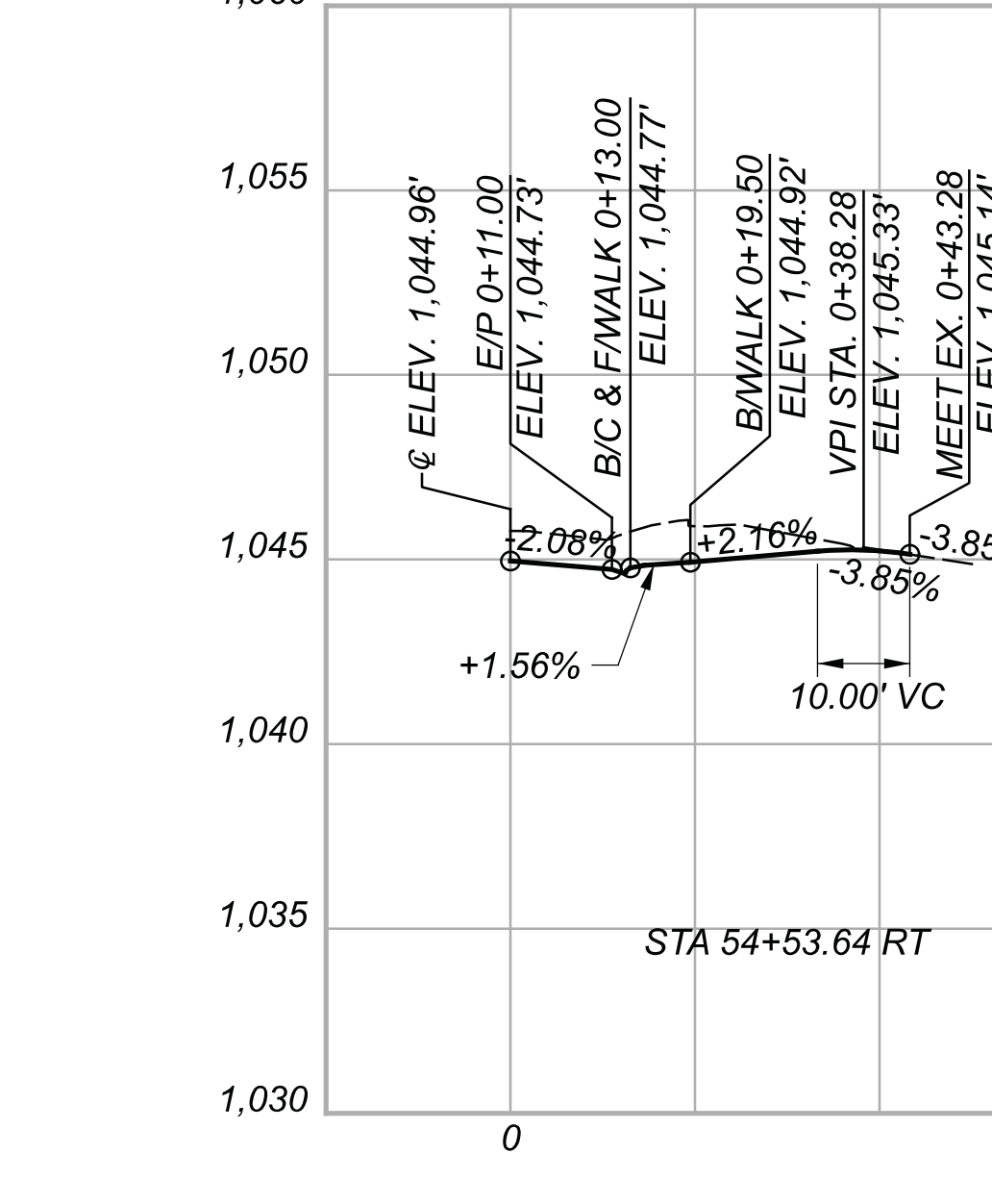
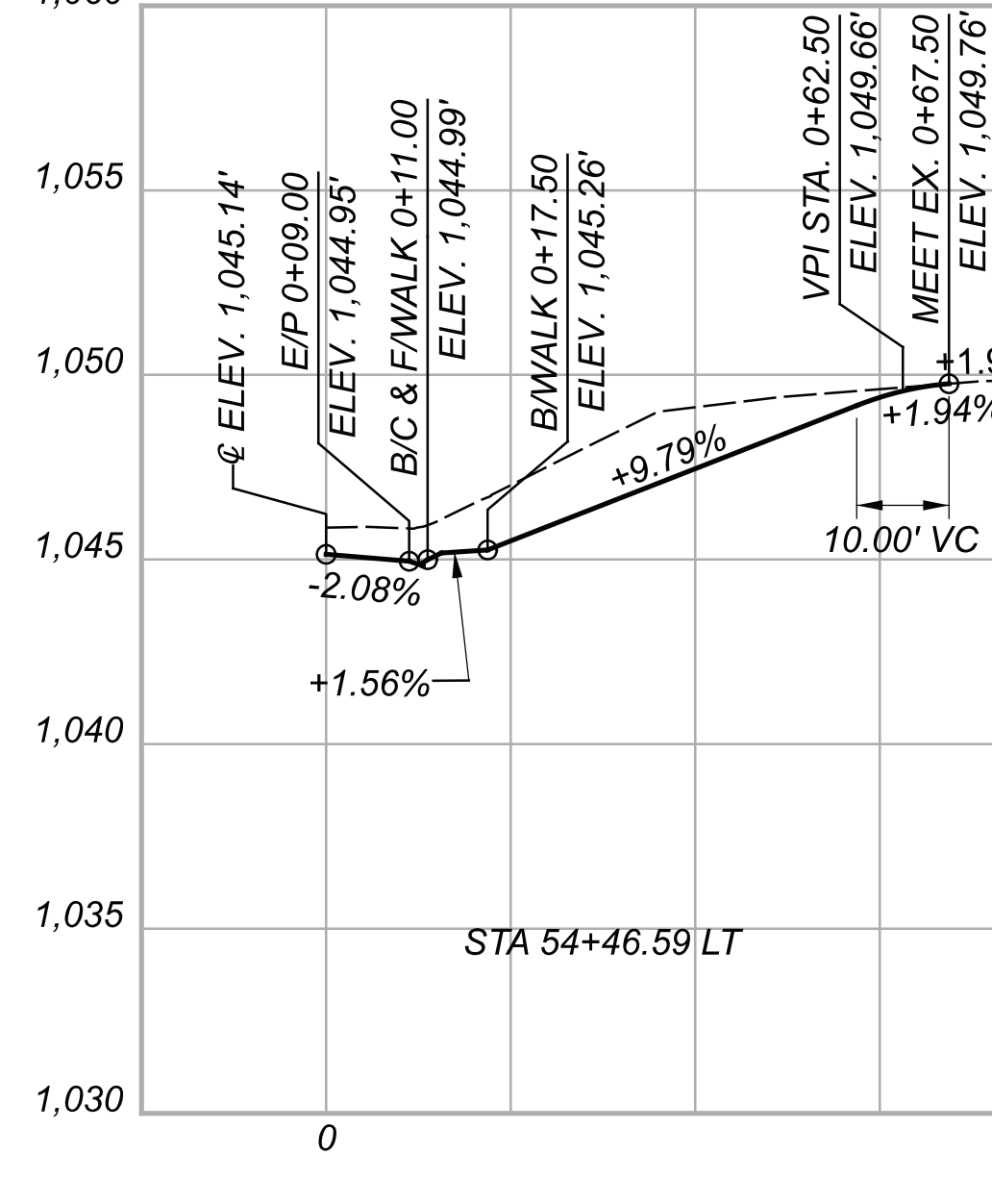
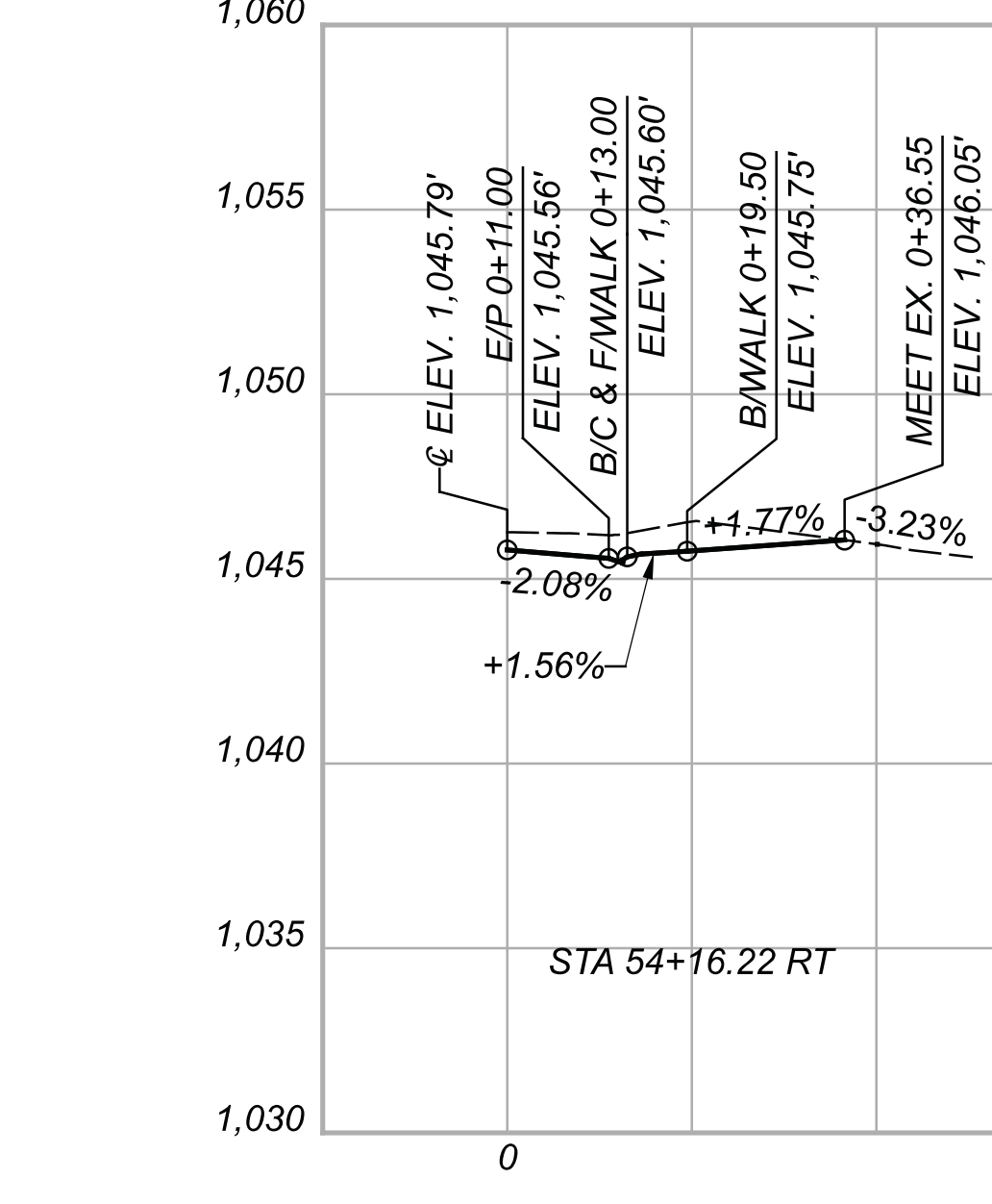
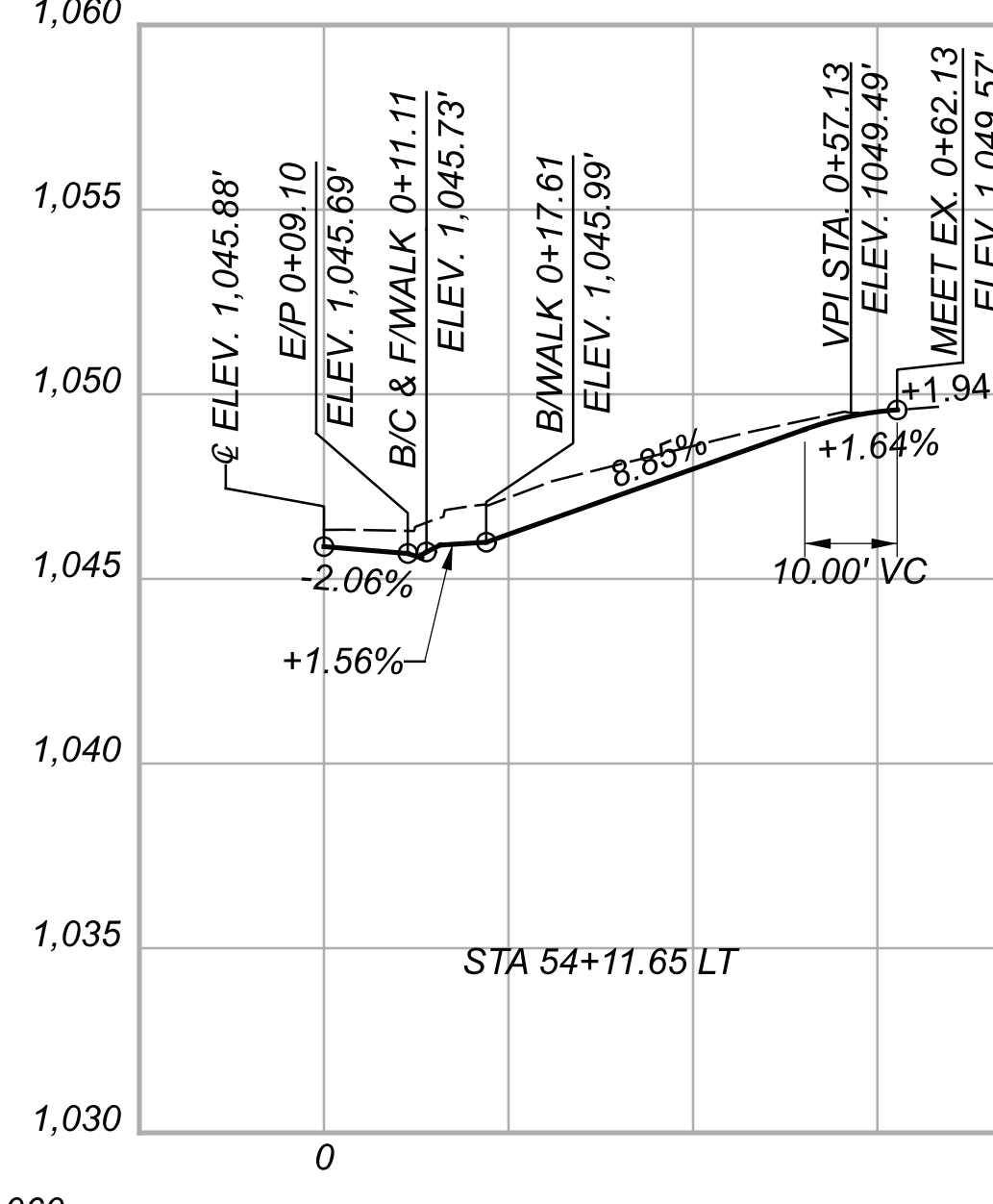
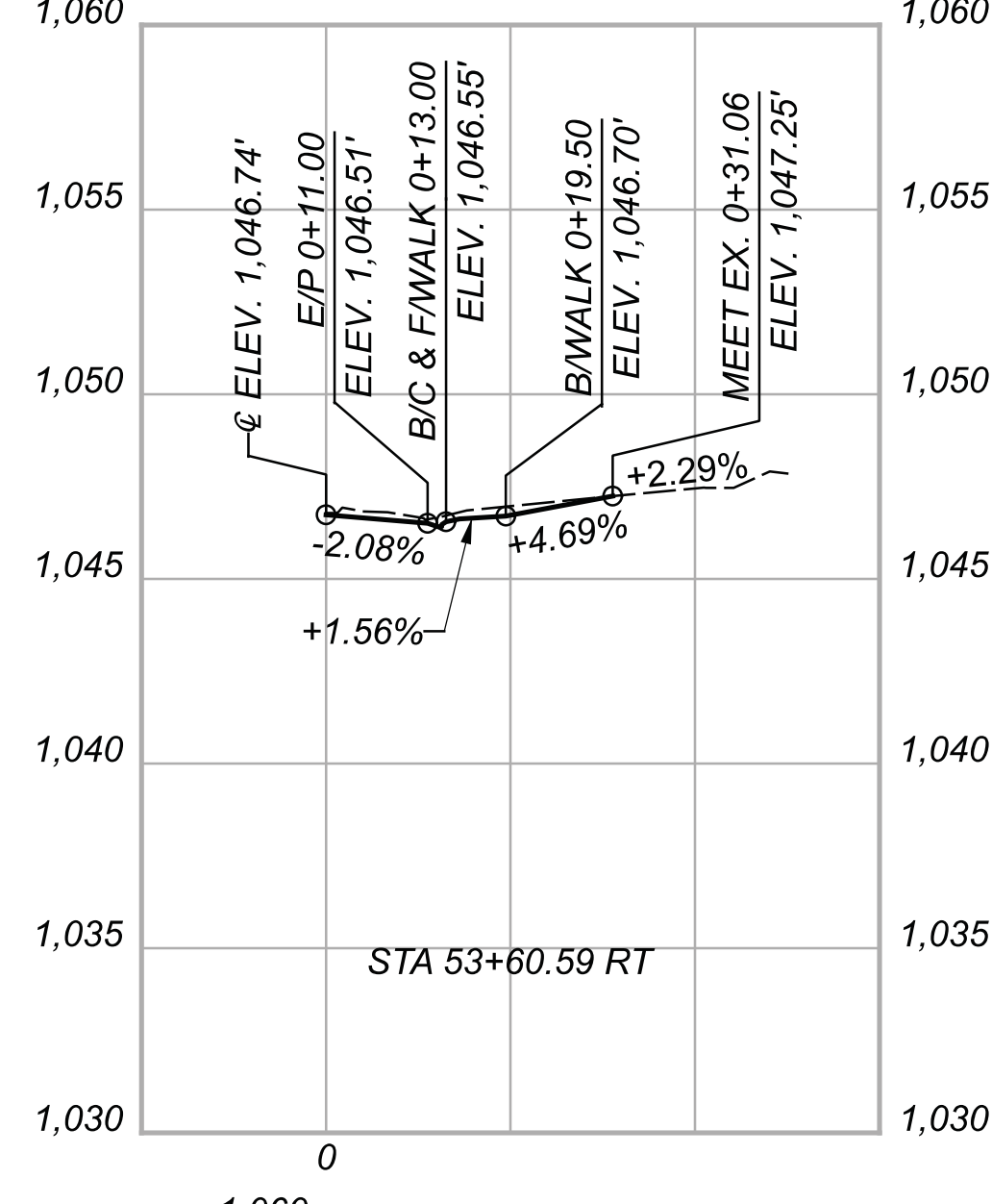
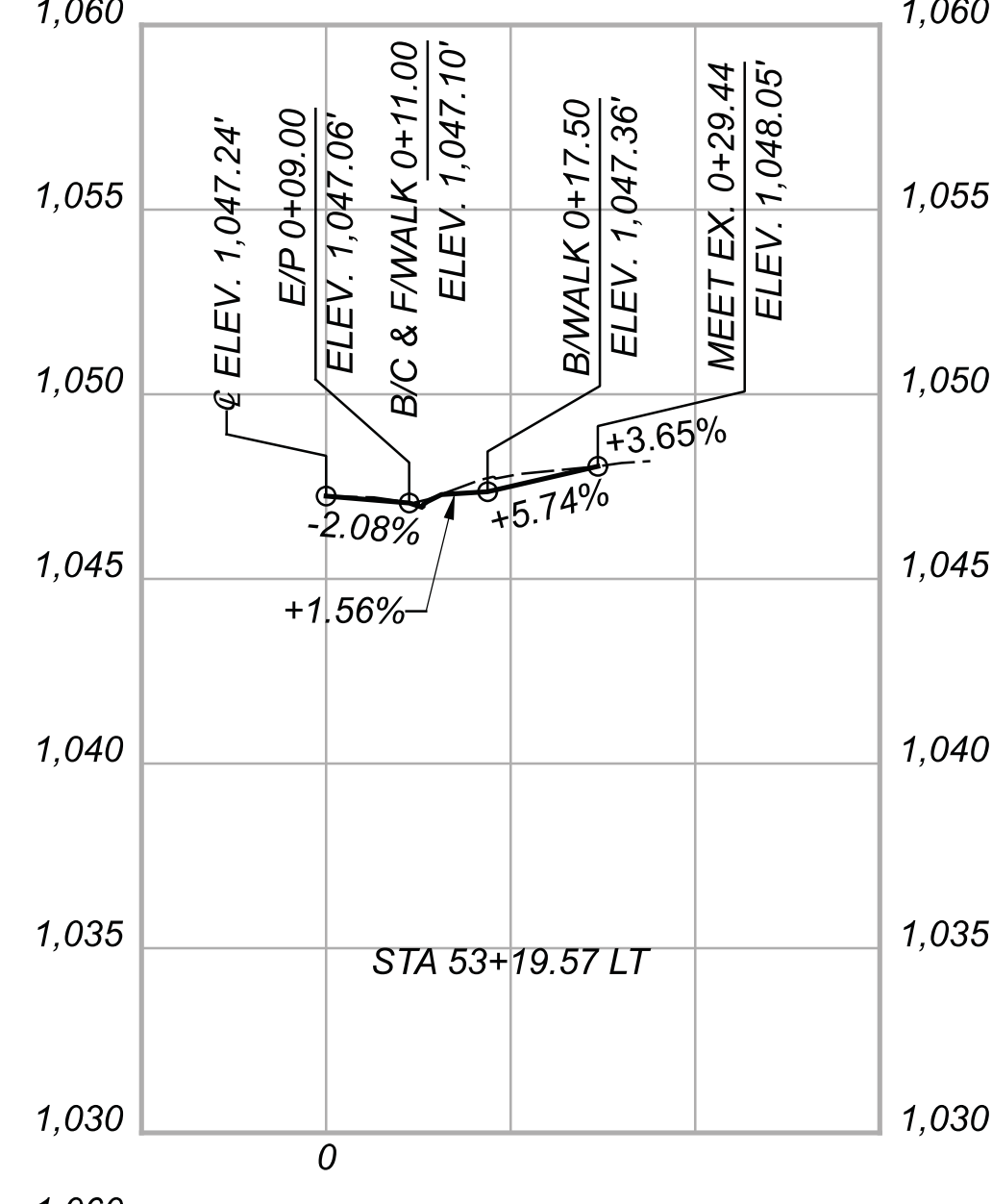
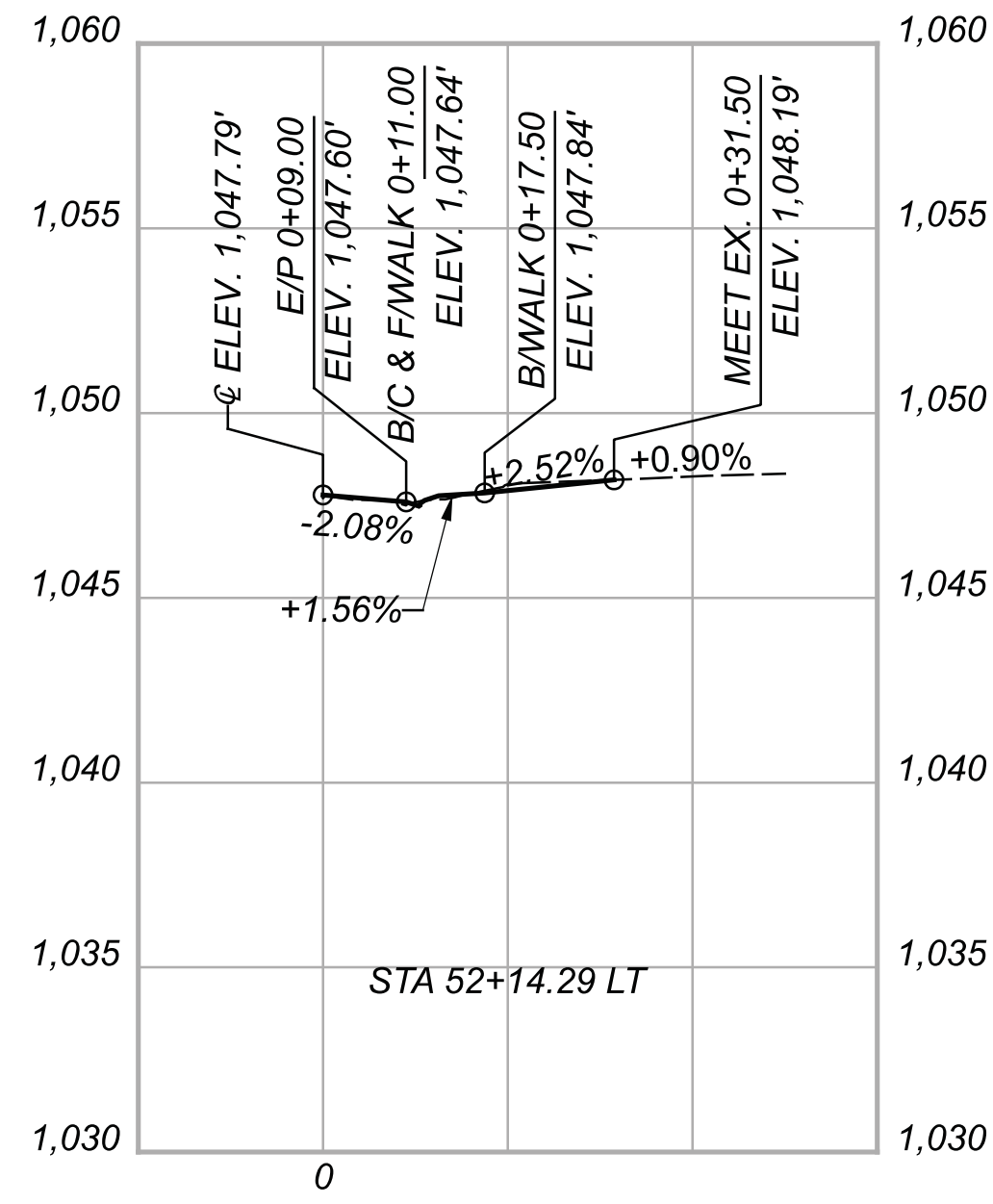
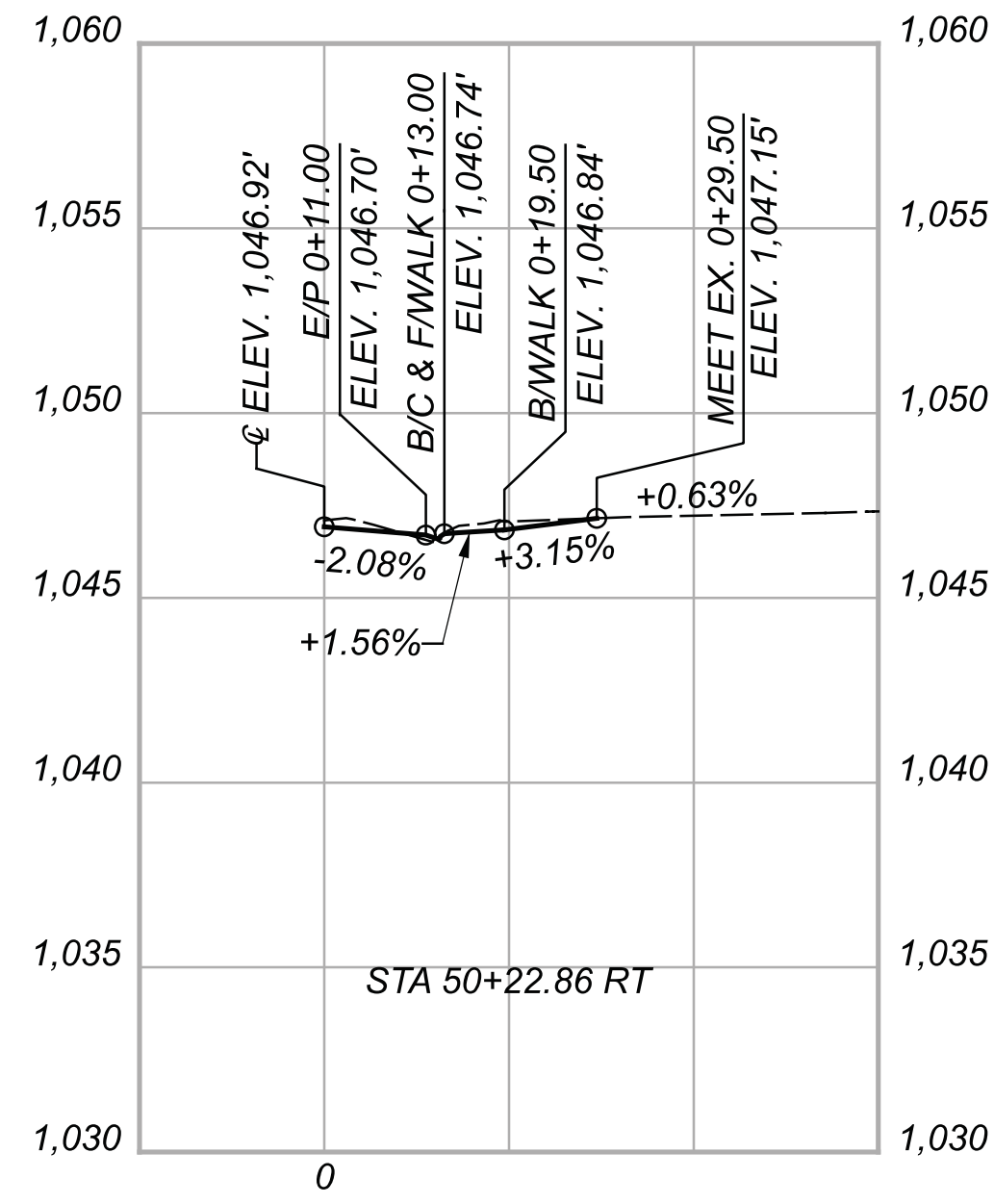
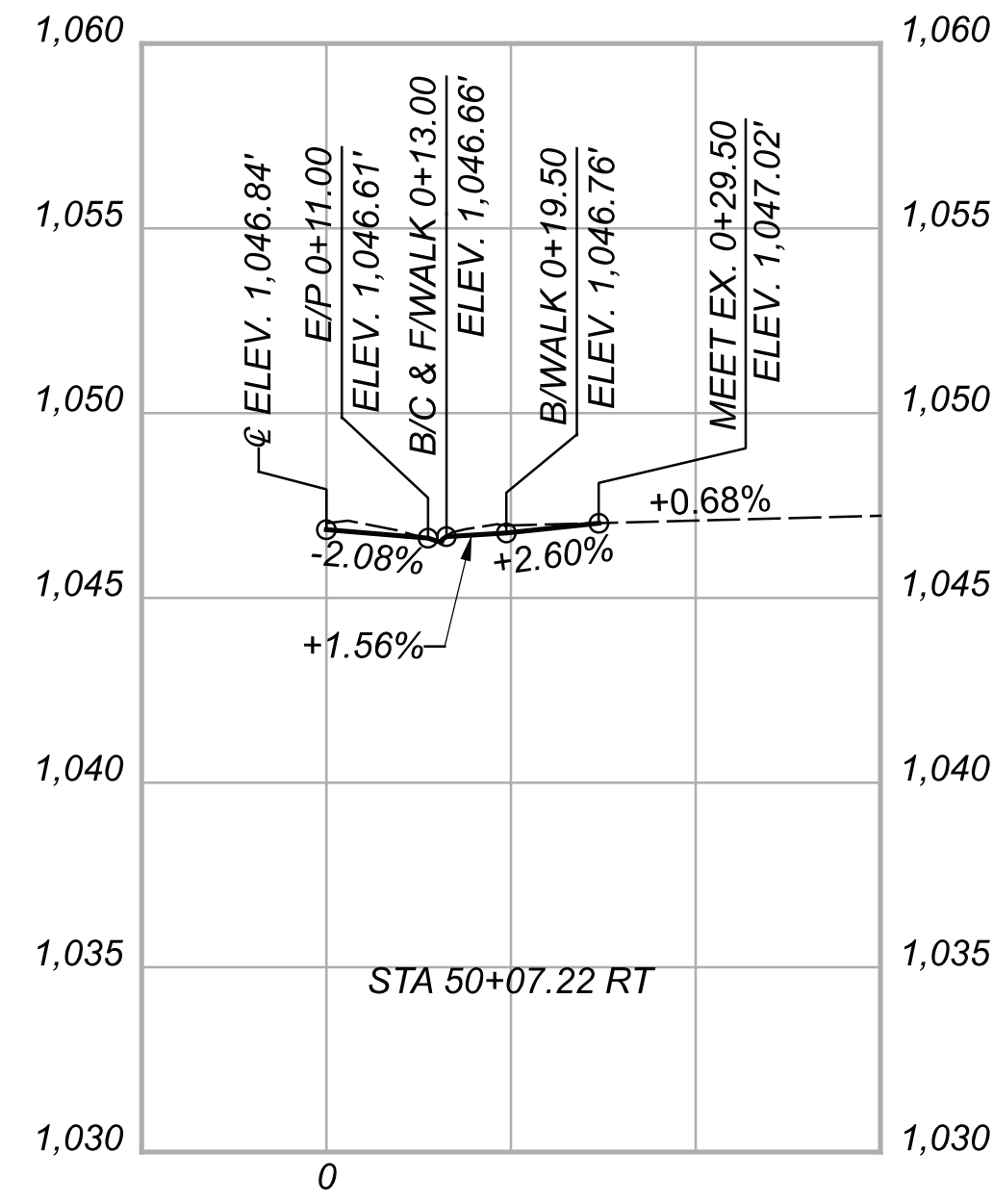
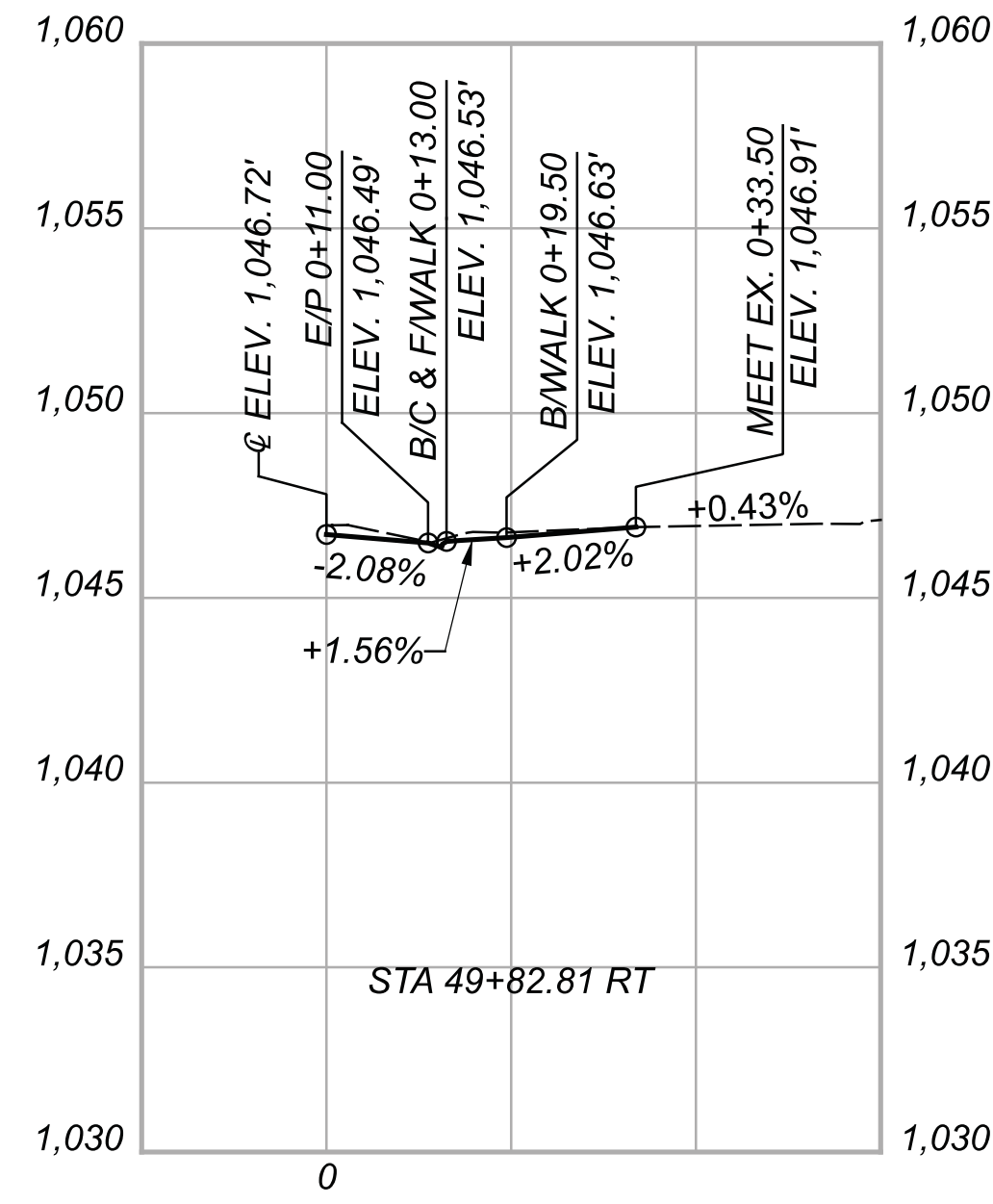
112019

SHEET TOTAL

85 222

CHP-S. HIGH STREET

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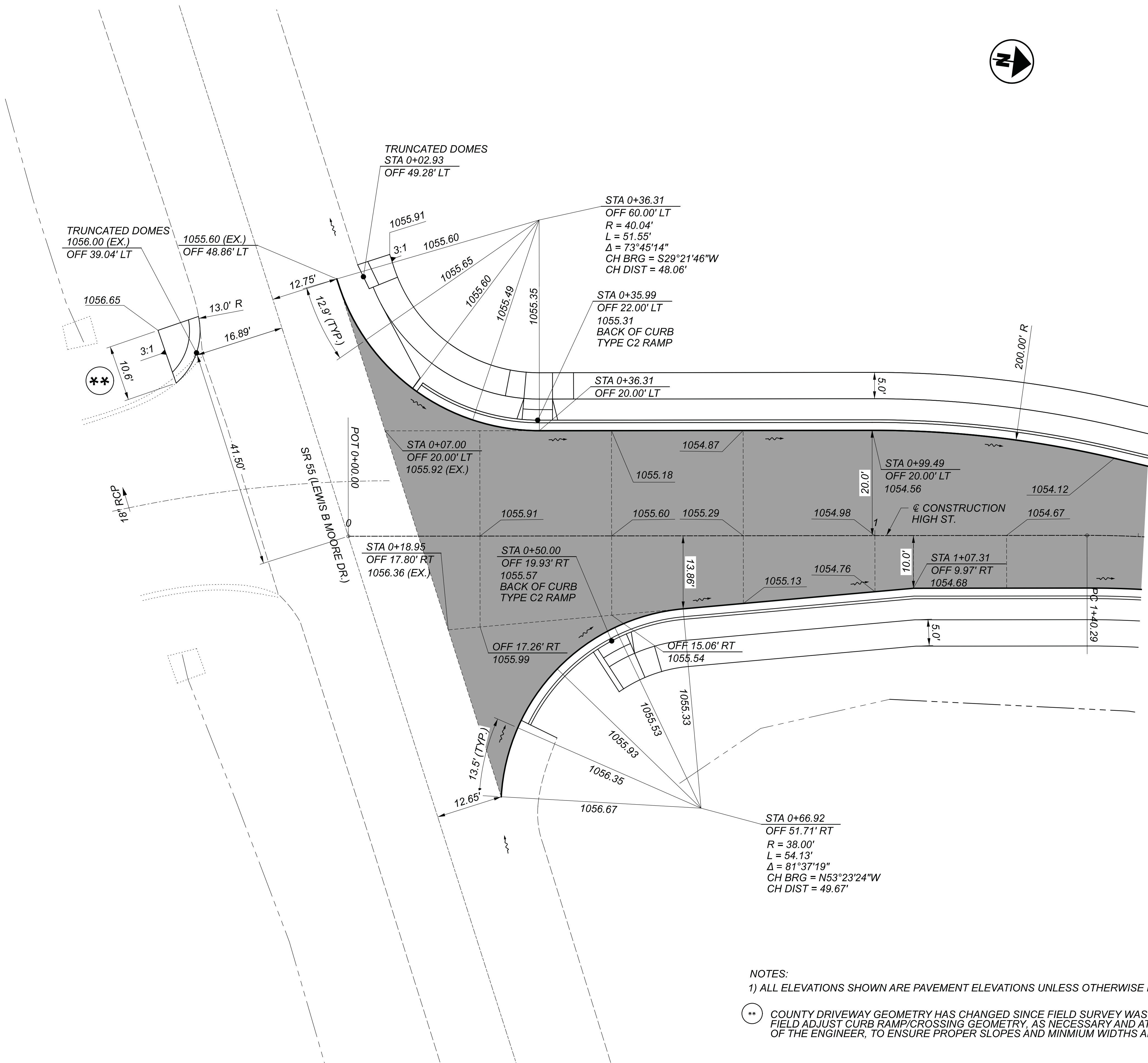
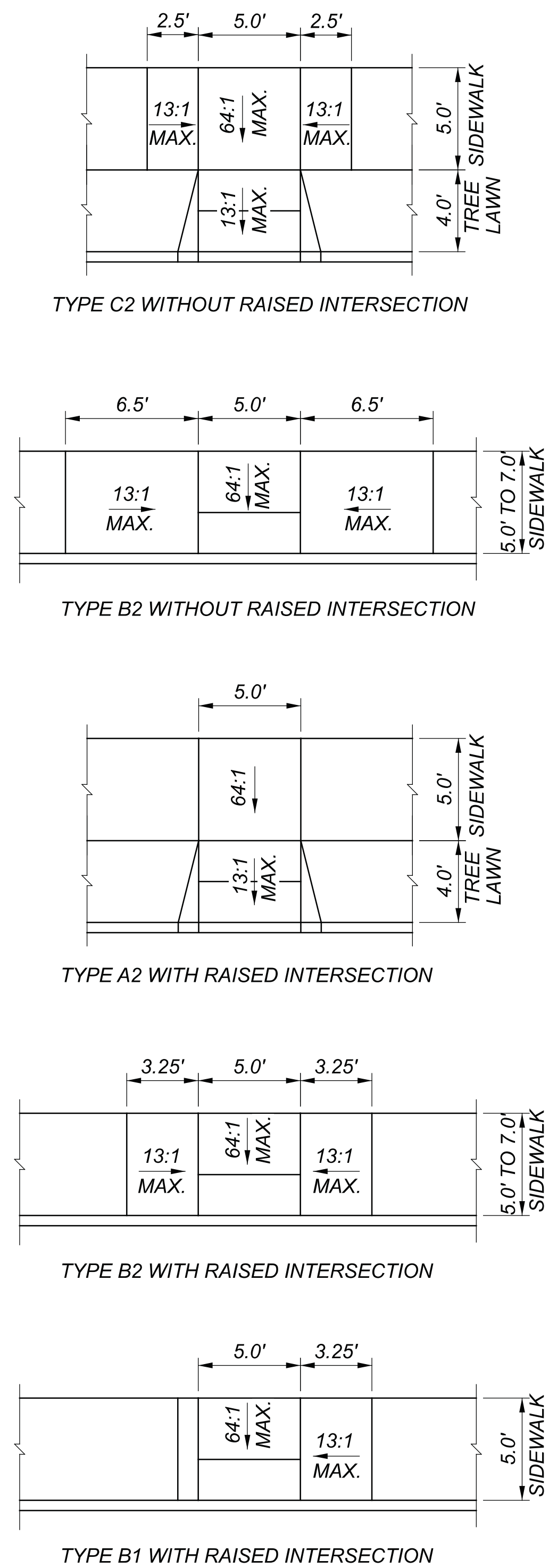
DRIVE PROFILES  
 STA. 49+82.81 RT TO STA. 54+53.64 RT

DESIGN AGENCY

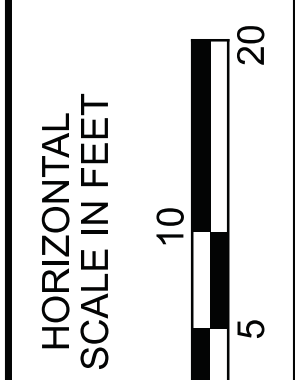
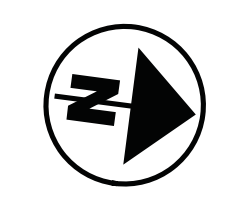


DESIGNER	BMG
REVIEWER	MAG
PROJECT ID	02/27/23
SHEET	112019
TOTAL	86
	222

**TYPICAL CURB RAMP LAYOUT**

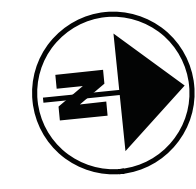
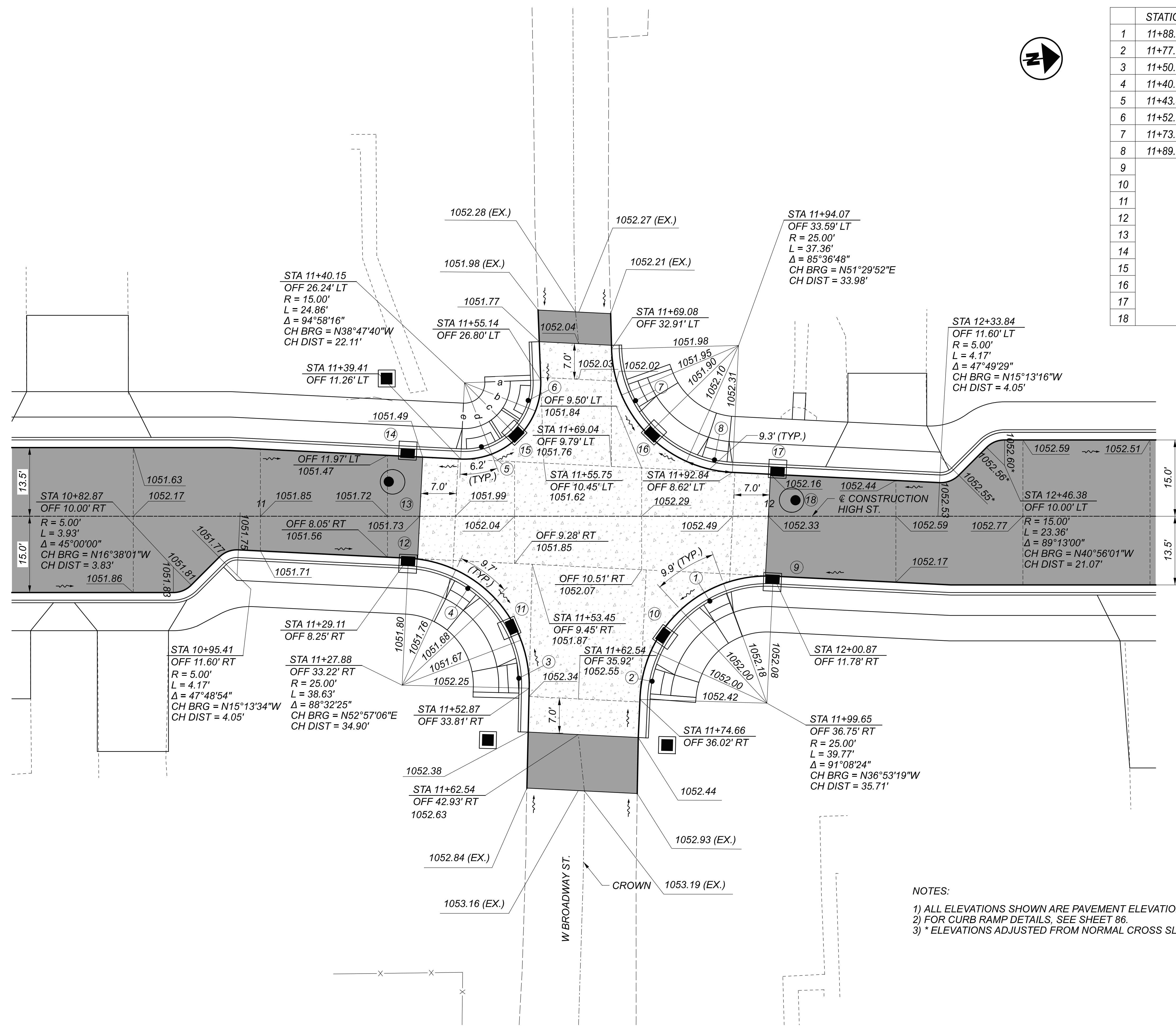


**NOTES:**  
 1) ALL ELEVATIONS SHOWN ARE PAVEMENT ELEVATIONS UNLESS OTHERWISE NOTED.  
 \*\* COUNTY DRIVEWAY GEOMETRY HAS CHANGED SINCE FIELD SURVEY WAS COMPLETED. FIELD ADJUST CURB RAMP/CROSSING GEOMETRY, AS NECESSARY AND AT THE DISCRETION OF THE ENGINEER, TO ENSURE PROPER SLOPES AND MINIMUM WIDTHS ARE FOLLOWED.



**INTERSECTION DETAILS  
 HIGH ST. AND US 55**

DESIGN AGENCY	
DESIGNER	NRP
REVIEWER	MAG 02/27/23
PROJECT ID	112019
SHEET	TOTAL
87	222



	STATION	OFFSET	ELEVATION	DESCRIPTION
1	11+88.41	16.68 RT	1052.07	BACK OF CURB, TYPE A2 RAMP
2	11+77.05	32.45 RT	1052.23	BACK OF CURB, TYPE A2 RAMP
3	11+50.84	31.86 RT	1052.08	BACK OF CURB, TYPE A2 RAMP
4	11+40.80	14.20 RT	1051.69	BACK OF CURB, TYPE A2 RAMP
5	11+43.47	13.67 LT	1051.71	BACK OF CURB, TYPE A2 RAMP
6	11+52.68	22.77 LT	1051.73	BACK OF CURB, TYPE A2 RAMP
7	11+73.80	22.73 LT	1051.9	BACK OF CURB, TYPE A2 RAMP
8	11+89.32	11.09 LT	1052.18	BACK OF CURB, TYPE A2 RAMP
9			1051.92	CB-1, GRATE ELEVATION
10			1051.81	CB-1, GRATE ELEVATION
11			1051.53	CB-1, GRATE ELEVATION
12			1051.38	CB-1, GRATE ELEVATION
13			1051.58	MH-3, RIM ELEVATION
14			1051.31	CB-1, GRATE ELEVATION
15			1051.53	CB-1, GRATE ELEVATION
16			1051.72	CB-1, GRATE ELEVATION
17			1052.00	CB-1, GRATE ELEVATION
18			1052.27	MH-3, RIM ELEVATION

	ELEVATION
a	1051.83
b	1051.75
c	1051.73
d	1051.75
e	1051.76

- NOTES:
- 1) ALL ELEVATIONS SHOWN ARE PAVEMENT ELEVATIONS UNLESS OTHERWISE NOTED.
  - 2) FOR CURB RAMP DETAILS, SEE SHEET 86.
  - 3) \* ELEVATIONS ADJUSTED FROM NORMAL CROSS SLOPE TO PROVIDE POSITIVE DRAINAGE.



INTERSECTION DETAILS  
 HIGH ST. AND BROADWAY ST.

DESIGN AGENCY

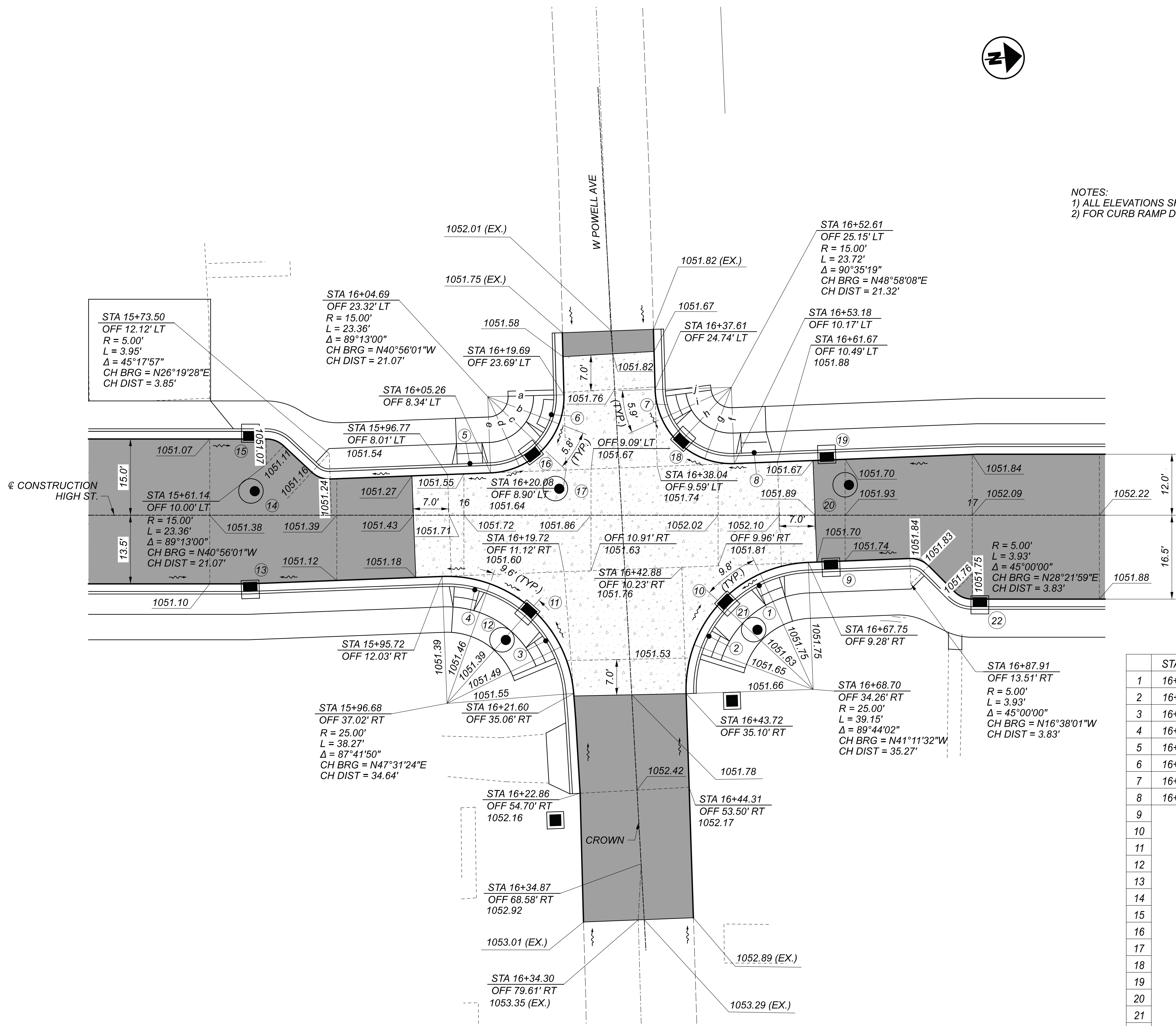
DESIGNER  
 NRP

REVIEWER  
 MAG 02/27/23

PROJECT ID  
 112019

SHEET TOTAL  
 88 222

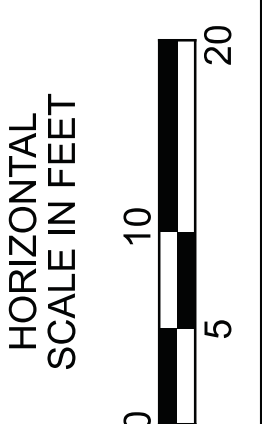




NOTES:  
 1) ALL ELEVATIONS SHOWN ARE PAVEMENT ELEVATIONS UNLESS OTHERWISE NOTED.  
 2) FOR CURB RAMP DETAILS, SEE SHEET 86.

	ELEVATION
a	1051.58
b	1051.50
c	1051.49
d	1051.54
e	1051.57
f	1051.83
g	1051.73
h	1051.62
i	1051.65
j	1051.68

	STATION	OFFSET	ELEVATION	DESCRIPTION
1	16+58.10	13.85 RT	1051.69	BACK OF CURB, TYPE A2 RAMP
2	16+48.21	23.81 RT	1051.60	BACK OF CURB, TYPE A2 RAMP
3	16+16.10	24.71 RT	1051.42	BACK OF CURB, TYPE A2 RAMP
4	16+02.14	14.67 RT	1051.38	BACK OF CURB, TYPE A2 RAMP
5	16+01.19	10.18 LT	1051.52	BACK OF CURB, TYPE A2 RAMP
6	16+17.20	19.79 LT	1051.48	BACK OF CURB, TYPE A2 RAMP
7	16+40.29	21.01 LT	1051.62	BACK OF CURB, TYPE A2 RAMP
8	16+57.10	12.32 LT	1051.82	BACK OF CURB, TYPE A2 RAMP
9			1051.55	CB-1, GRATE ELEVATION
10			1051.45	CB-1, GRATE ELEVATION
11			1051.22	CB-1, GRATE ELEVATION
12			1051.87	MH-3, RIM ELEVATION
13			1050.93	CB-1, GRATE ELEVATION
14			1051.27	MH-3, RIM ELEVATION
15			1050.92	CB-1, GRATE ELEVATION
16			1051.31	CB-1, GRATE ELEVATION
17			1051.70	MH-3, RIM ELEVATION
18			1051.45	CB-1, GRATE ELEVATION
19			1051.52	CB-1, GRATE ELEVATION
20			1051.79	MH-3, RIM ELEVATION
21			1051.82	MH-3, RIM ELEVATION
22			1051.59	CB-1, GRATE ELEVATION



INTERSECTION DETAILS  
 HIGH ST. AND POWELL AVE.

DESIGN AGENCY

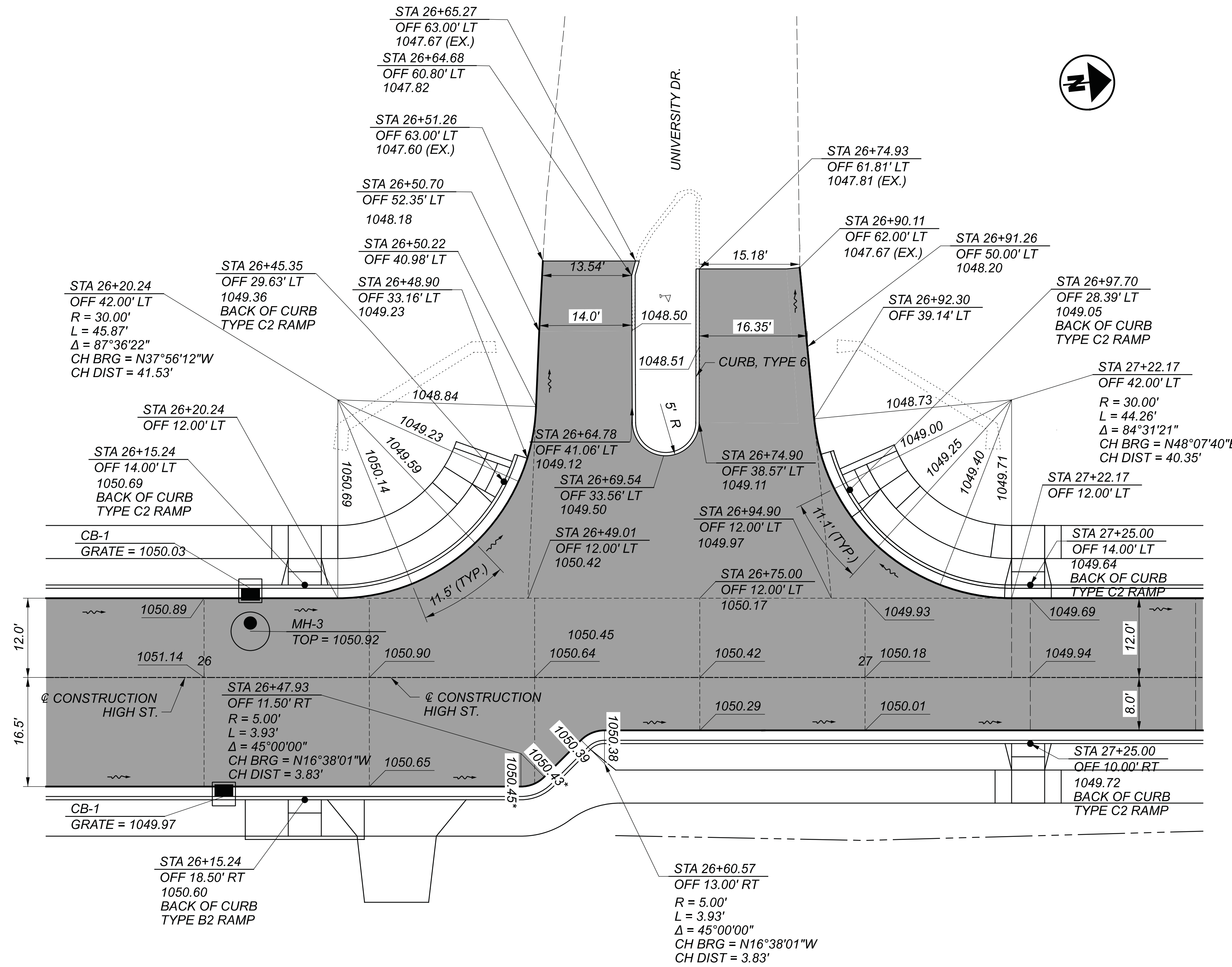


DESIGNER  
 NRP

REVIEWER  
 MAG 02/27/23

PROJECT ID  
 112019

SHEET TOTAL  
 89 222



- NOTES:  
 1) ALL ELEVATIONS SHOWN ARE PAVEMENT ELEVATIONS UNLESS OTHERWISE NOTED.  
 2) FOR CURB RAMP DETAILS, SEE SHEET 86.  
 3) \* ELEVATIONS ADJUSTED FROM NORMAL CROSS SLOPE TO PROVIDE POSITIVE DRAINAGE

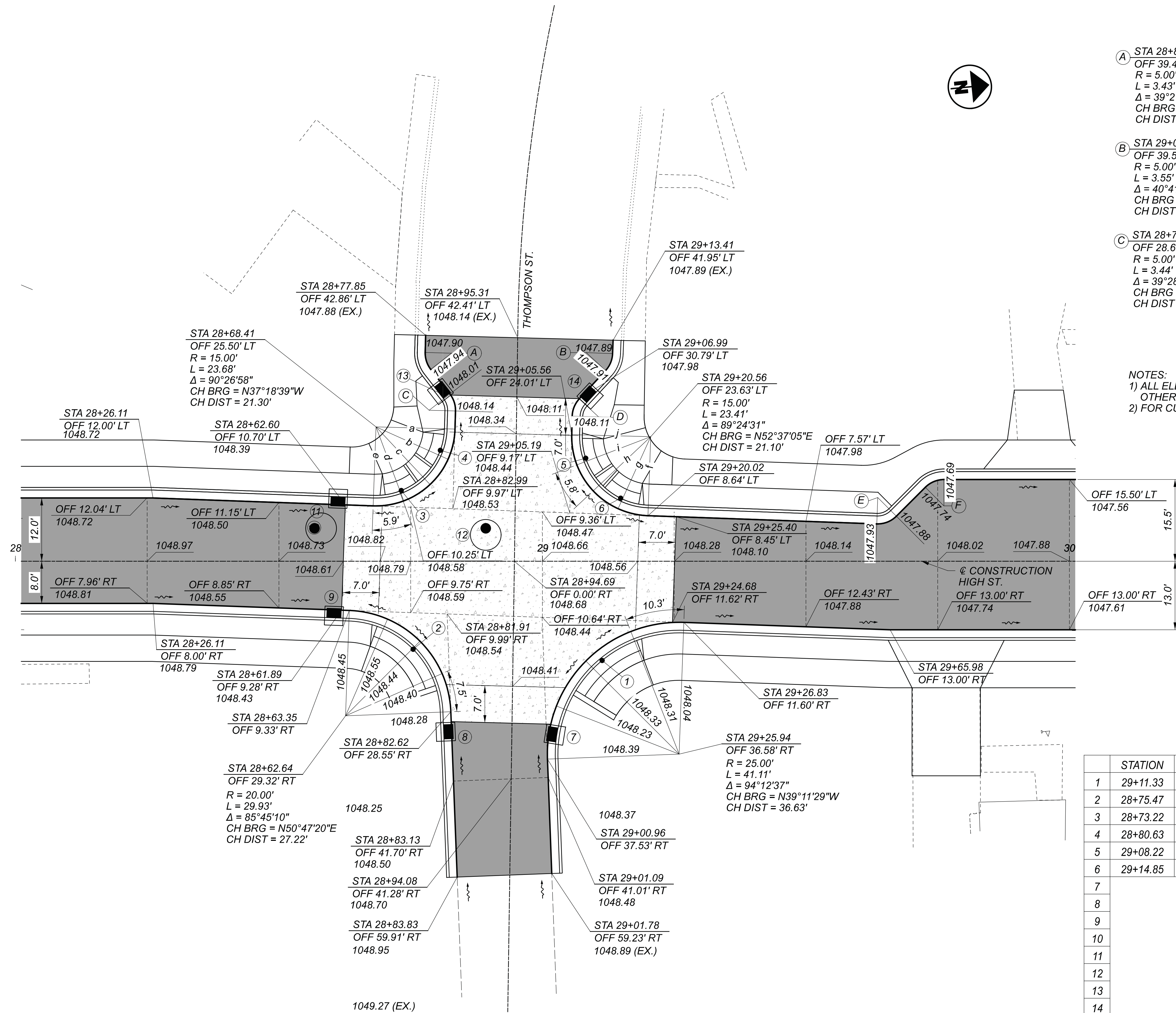


INTERSECTION DETAILS  
 HIGH ST. AND UNIVERSITY DR.

DESIGN AGENCY



DESIGNER	NRP
REVIEWER	MAG
PROJECT ID	112019
SHEET	90
TOTAL	222

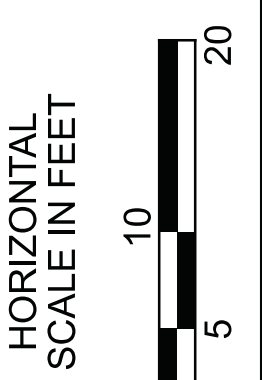


- (A) STA 28+82.76  
OFF 39.47' LT  
R = 5.00'  
L = 3.43'  
 $\Delta = 39^\circ 21' 05''$   
CH BRG = S77°40'03"W  
CH DIST = 3.37'
- (B) STA 29+08.32  
OFF 39.58' LT  
R = 5.00'  
L = 3.55'  
 $\Delta = 40^\circ 41' 52''$   
CH BRG = N61°36'11"W  
CH DIST = 3.48'
- (C) STA 28+78.51  
OFF 28.65' LT  
R = 5.00'  
L = 3.44'  
 $\Delta = 39^\circ 28' 21''$   
CH BRG = S77°43'41"W  
CH DIST = 3.38'
- (D) STA 29+10.65  
OFF 27.39' LT  
R = 5.00'  
L = 3.61'  
 $\Delta = 41^\circ 25' 25''$   
CH BRG = S61°57'57"E  
CH DIST = 3.54'
- (E) STA 29+63.63  
OFF 12.09' LT  
R = 15.00'  
L = 22.75'  
 $\Delta = 86^\circ 54' 13''$   
CH BRG = N39°18'13"W  
CH DIST = 20.63'
- (F) STA 29+76.19  
OFF 10.50' LT  
R = 5.00'  
L = 3.92'  
 $\Delta = 44^\circ 57' 24''$   
CH BRG = N16°36'43"W  
CH DIST = 3.82'

NOTES:  
 1) ALL ELEVATIONS SHOWN ARE PAVEMENT ELEVATIONS UNLESS OTHERWISE NOTED.  
 2) FOR CURB RAMP DETAILS, SEE SHEET 86.

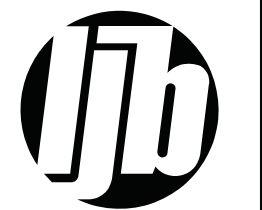
	ELEVATION
a	1048.29
b	1048.36
c	1048.46
d	1048.53
e	1048.54
f	1048.31
g	1048.36
h	1048.34
i	1048.30
j	1048.26

	STATION	OFFSET	ELEVATION	DESCRIPTION
1	29+11.33	18.82 RT	1048.28	BACK OF CURB, TYPE A2 RAMP
2	28+75.47	16.69 RT	1048.40	BACK OF CURB, TYPE A2 RAMP
3	28+73.22	13.42 LT	1048.49	BACK OF CURB, TYPE A2 RAMP
4	28+80.63	21.04 LT	1048.31	BACK OF CURB, TYPE A2 RAMP
5	29+08.22	19.55 LT	1048.21	BACK OF CURB, TYPE A2 RAMP
6	29+14.85	11.96 LT	1048.32	BACK OF CURB, TYPE A2 RAMP
7			1048.02	CB-1, GRATE ELEVATION
8			1048.04	CB-1, GRATE ELEVATION
9			1048.27	CB-1, GRATE ELEVATION
10			1048.53	MH-3, RIM ELEVATION
11			1048.24	CB-1, GRATE ELEVATION
12			1048.61	MH-3, RIM ELEVATION
13			1047.83	CB-1, GRATE ELEVATION
14			1047.78	CB-1, GRATE ELEVATION



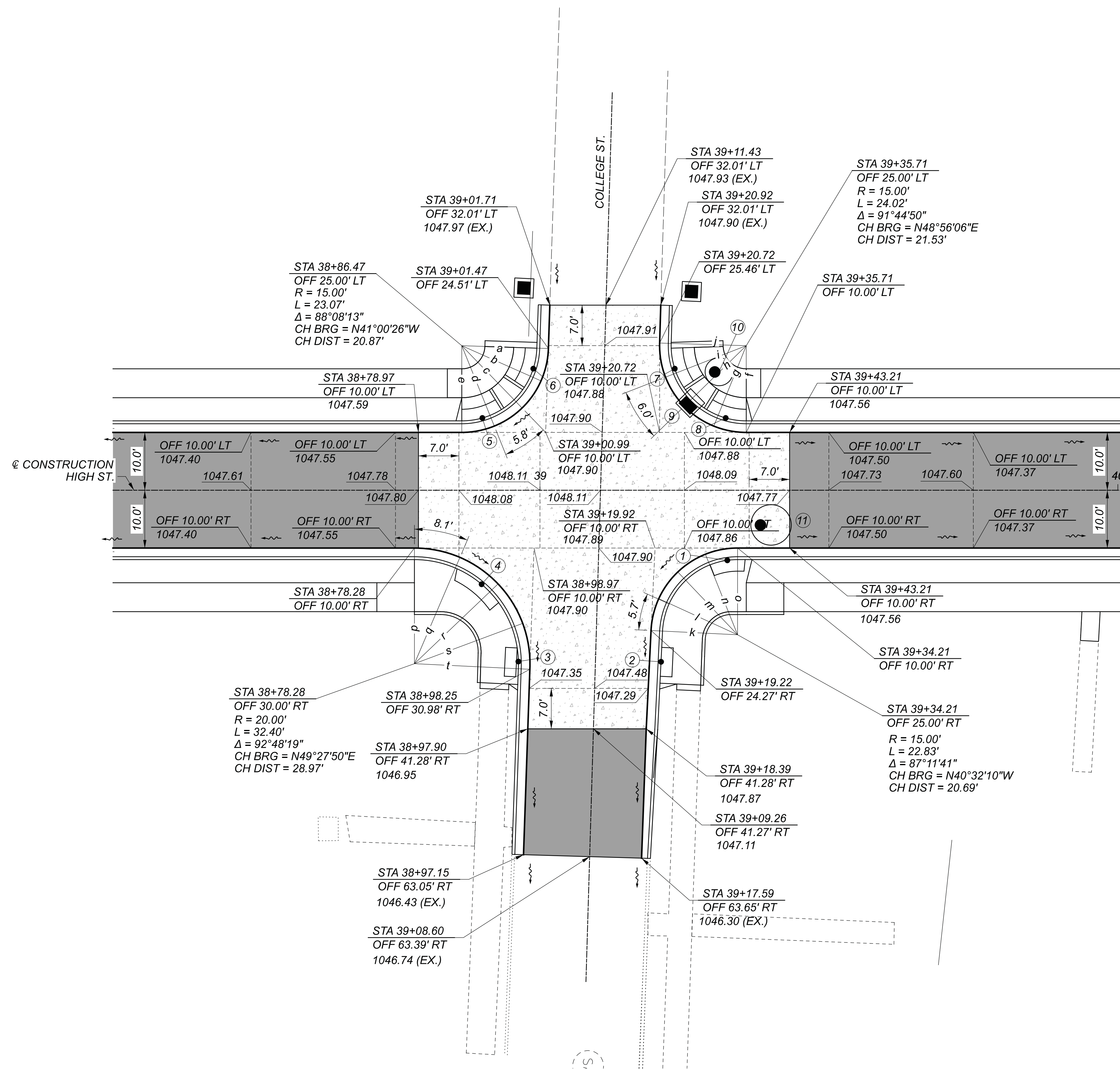
INTERSECTION DETAILS  
 HIGH ST. AND THOMPSON ST.

DESIGN AGENCY



DESIGNER  
 NRP  
 REVIEWER  
 MAG 02/27/23  
 PROJECT ID  
 112019  
 SHEET TOTAL  
 91 222

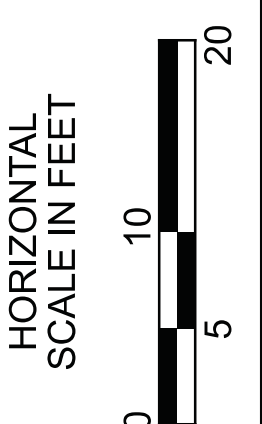




	STATION	OFFSET	ELEVATION	DESCRIPTION
1	39+32.43	12.12 RT	1047.74	BACK OF CURB, TYPE B1 RAMP
2	39+20.96	29.68 RT	1047.29	BACK OF CURB, TYPE B1 RAMP
3	38+96.27	29.63 RT	1047.49	BACK OF CURB, TYPE B1 RAMP
4	38+89.91	16.26 RT	1047.75	BACK OF CURB, TYPE B1 RAMP
5	38+90.04	12.50 LT	1047.78	BACK OF CURB, TYPE A2 RAMP
6	38+98.85	21.03 LT	1047.82	BACK OF CURB, TYPE A2 RAMP
7	39+23.33	21.03 LT	1047.82	BACK OF CURB, TYPE A2 RAMP
8	39+32.15	12.50 LT	1047.77	BACK OF CURB, TYPE A2 RAMP
9			1047.59	CB-1, GRATE ELEVATION
10			1048.66	MH-3, RIM ELEVATION
11			1047.91	MH-3, RIM ELEVATION

	ELEVATION
a	1047.93
b	1047.85
c	1047.80
d	1047.83
e	1047.85
f	1047.84
g	1047.82
h	1047.79
i	1047.76
j	1047.88
k	1047.46
l	1047.59
m	1047.61
n	1047.73
o	1047.85
p	1047.58
q	1047.75
r	1047.69
s	1047.65
t	1047.52

NOTES:  
 1) ALL ELEVATIONS SHOWN ARE PAVEMENT ELEVATIONS UNLESS OTHERWISE NOTED.  
 2) FOR CURB RAMP DETAILS, SEE SHEET 86.

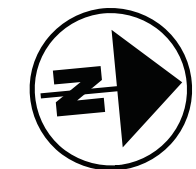
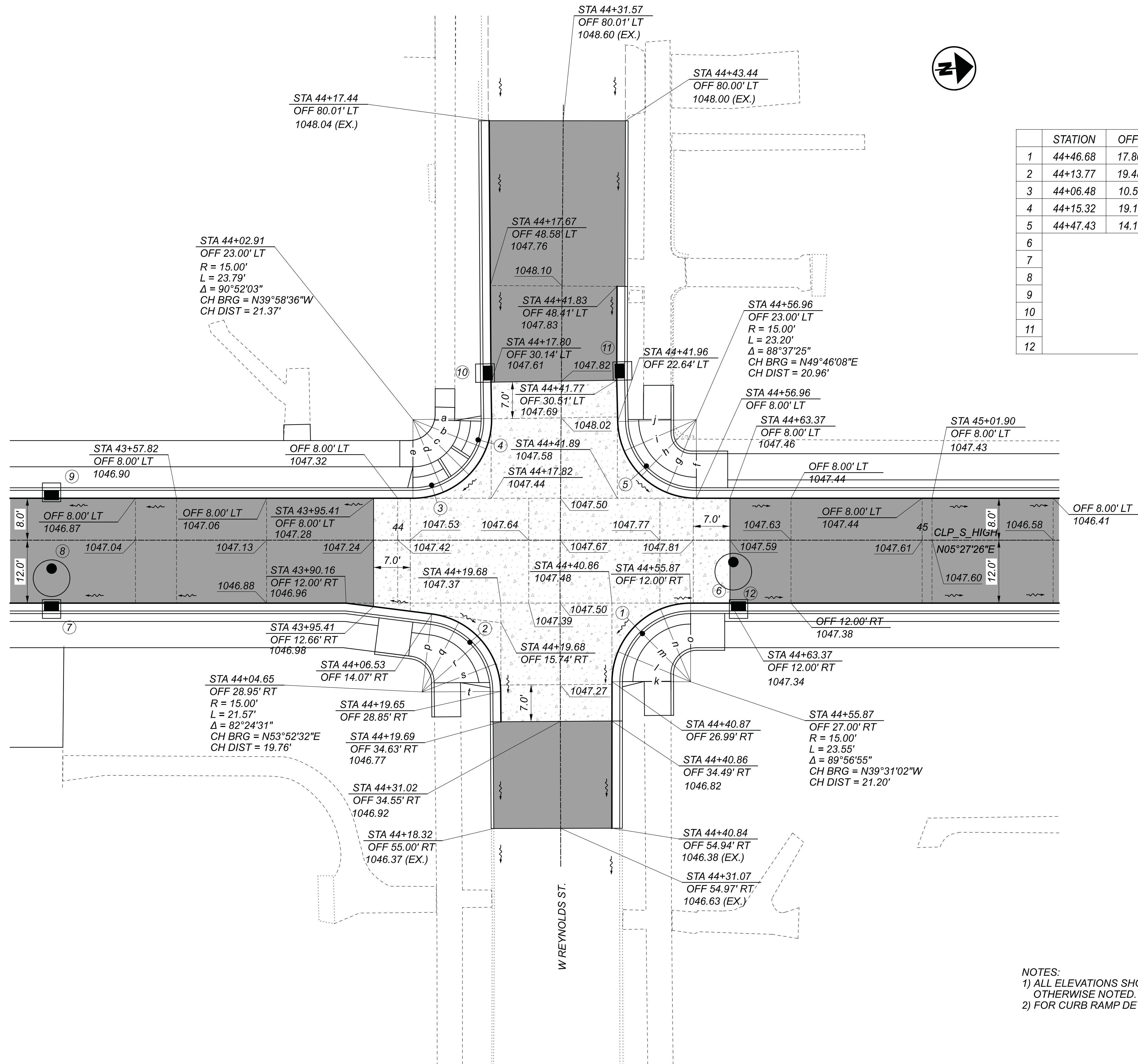


INTERSECTION DETAILS  
 HIGH ST. AND COLLEGE ST.

DESIGN AGENCY



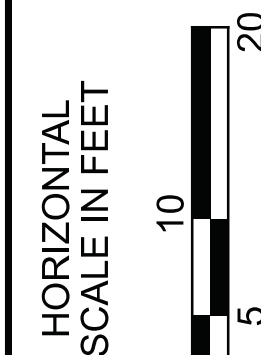
DESIGNER	NRP
REVIEWER	MAG
DATE	02/27/23
PROJECT ID	112019
SHEET	93
TOTAL	222



	STATION	OFFSET	ELEVATION	DESCRIPTION
1	44+46.68	17.80 RT	1047.01	BACK OF CURB, TYPE B2 RAMP
2	44+13.77	19.48 RT	1047.07	BACK OF CURB, TYPE B2 RAMP
3	44+06.48	10.50 LT	1047.57	BACK OF CURB, TYPE A2 RAMP
4	44+15.32	19.14 LT	1047.76	BACK OF CURB, TYPE A2 RAMP
5	44+47.43	14.16 LT	1047.57	BACK OF CURB, TYPE B2 RAMP
6			1046.90	MH-3, RIM ELEVATION
7			1046.48	CB-1, GRATE ELEVATION
8			1046.74	MH-3, RIM ELEVATION
9			1046.56	CB-1, GRATE ELEVATION
10			1047.50	CB-1, GRATE ELEVATION
11			1047.44	CB-1, GRATE ELEVATION
12			1047.18	CB-1, GRATE ELEVATION

	ELEVATION
a	1047.85
b	1047.84
c	1047.83
d	1047.65
e	1047.61
f	1047.89
g	1047.95
h	1047.98
i	1047.96
j	1047.96
k	1047.22
l	1047.35
m	1047.41
n	1047.50
o	1047.55
p	1047.26
q	1047.25
r	1047.28
s	1047.22
t	1047.13

NOTES:  
 1) ALL ELEVATIONS SHOWN ARE PAVEMENT ELEVATIONS UNLESS OTHERWISE NOTED.  
 2) FOR CURB RAMP DETAILS, SEE SHEET 86.



INTERSECTION DETAILS  
 HIGH ST. AND REYNOLDS ST.

DESIGN AGENCY



DESIGNER

NRP

REVIEWER

MAG 02/27/23

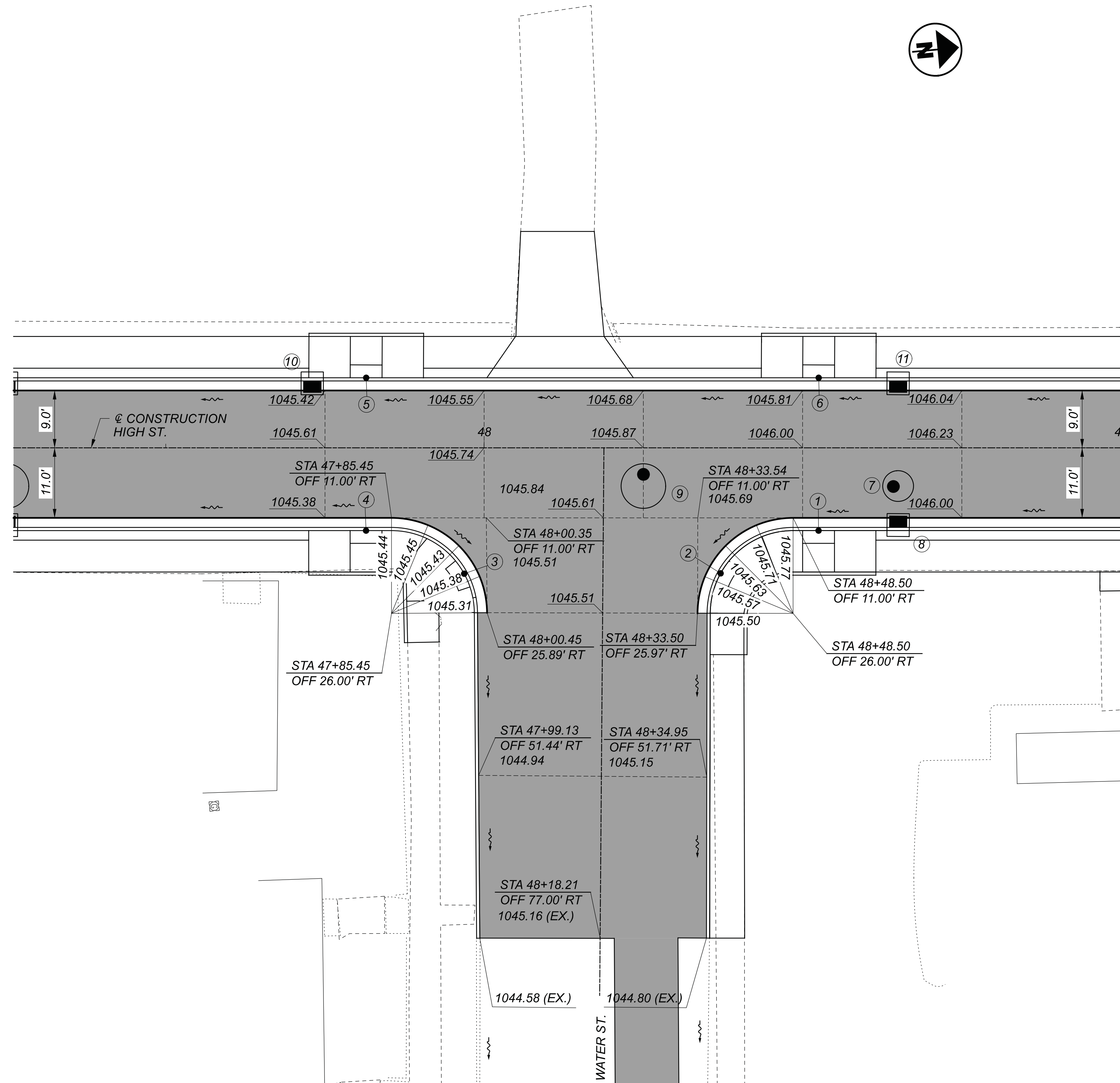
PROJECT ID

112019

SHEET

TOTAL

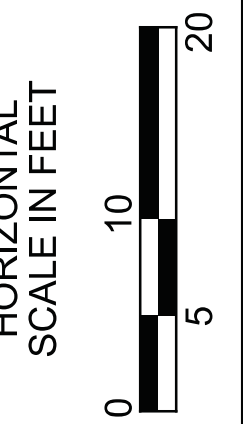
94 | 222



	STATION	OFFSET	ELEVATION	DESCRIPTION
1	48+52.50	13.00 RT	1045.77	BACK OF CURB, TYPE B2 RAMP
2	48+37.13	19.71 RT	1045.55	BACK OF CURB, TYPE B2 RAMP
3	47+96.86	19.77 RT	1045.35	BACK OF CURB, TYPE B2 RAMP
4	47+81.45	13.00 RT	1045.38	BACK OF CURB, TYPE B2 RAMP
5	47+81.47	11.00 LT	1045.41	BACK OF CURB, TYPE B2 RAMP
6	48+52.52	11.00 LT	1045.79	BACK OF CURB, TYPE B2 RAMP
7			1045.96	MH-3, RIM ELEVATION
8			1045.69	CB-1, GRATE ELEVATION
9			1045.75	MH-3, RIM ELEVATION
10			1045.25	CB-1, GRATE ELEVATION
11			1045.73	CB-1, GRATE ELEVATION

	ELEVATION
a	1045.44
b	1045.45
c	1045.43
d	1045.38
e	1045.31
f	1045.50
g	1045.57
h	1045.63
i	1045.71
j	1045.77

NOTES:  
 1) ALL ELEVATIONS SHOWN ARE PAVEMENT ELEVATIONS UNLESS OTHERWISE NOTED.  
 2) FOR CURB RAMP DETAILS, SEE SHEET 86.



INTERSECTION DETAILS  
 HIGH ST. AND WATER ST.

DESIGN AGENCY



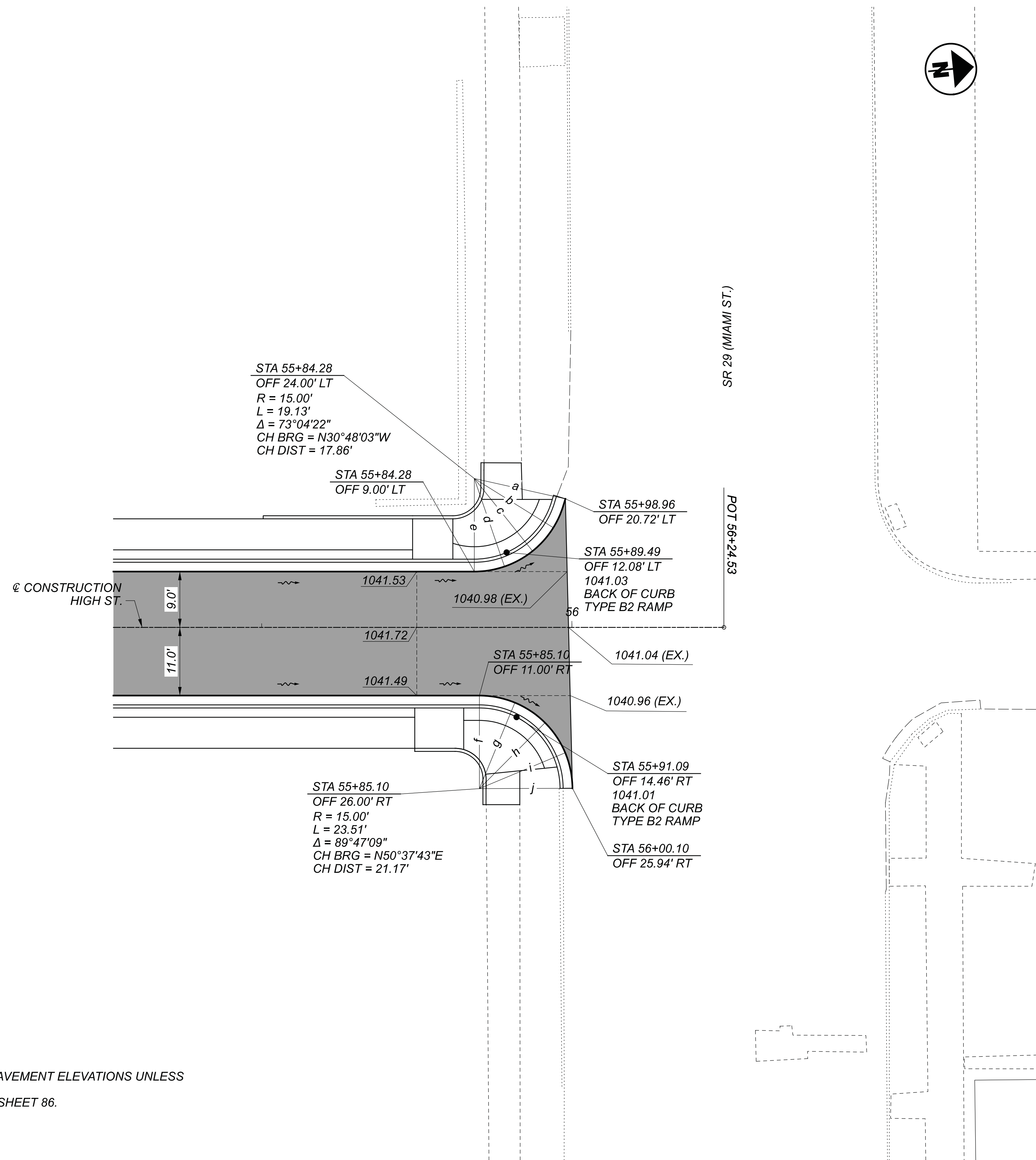
DESIGNER	NRP
REVIEWER	MAG 02/27/23
PROJECT ID	112019
SHEET	TOTAL
95	222



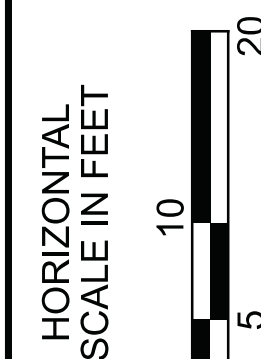




NOTES:  
 1) ALL ELEVATIONS SHOWN ARE PAVEMENT ELEVATIONS UNLESS OTHERWISE NOTED.  
 2) FOR CURB RAMP DETAILS, SEE SHEET 86.



	ELEVATION
a	1040.92
b	1040.93
c	1040.98
d	1041.10
e	1041.29
f	1041.23
g	1041.08
h	1040.95
i	1040.80
j	1040.68



INTERSECTION DETAILS  
 HIGH ST. AND MIAMI ST.

DESIGN AGENCY



DESIGNER

NRP

REVIEWER

MAG 02/27/23

PROJECT ID

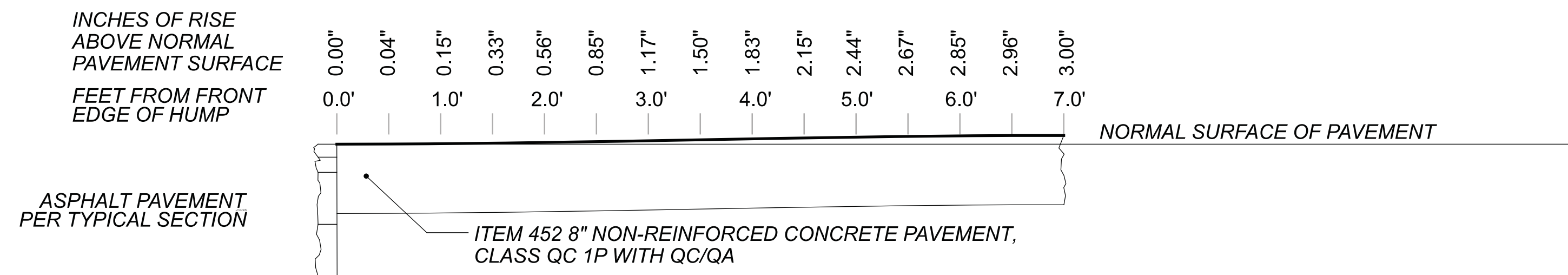
112019

SHEET

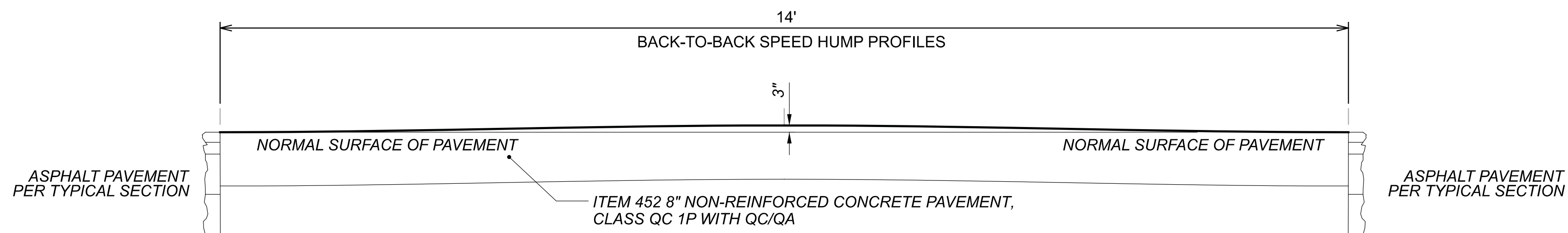
TOTAL

98

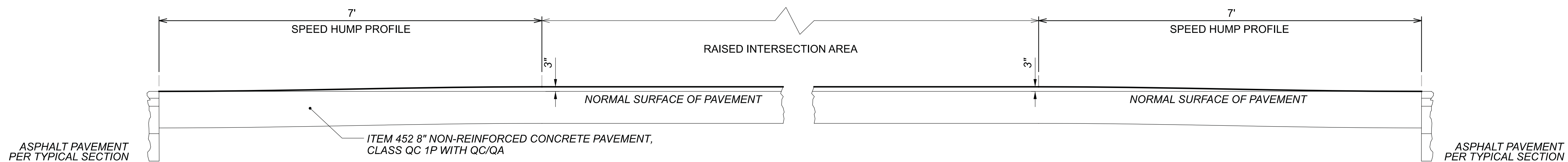
222



**SINUSOIDAL HUMP PROFILE**

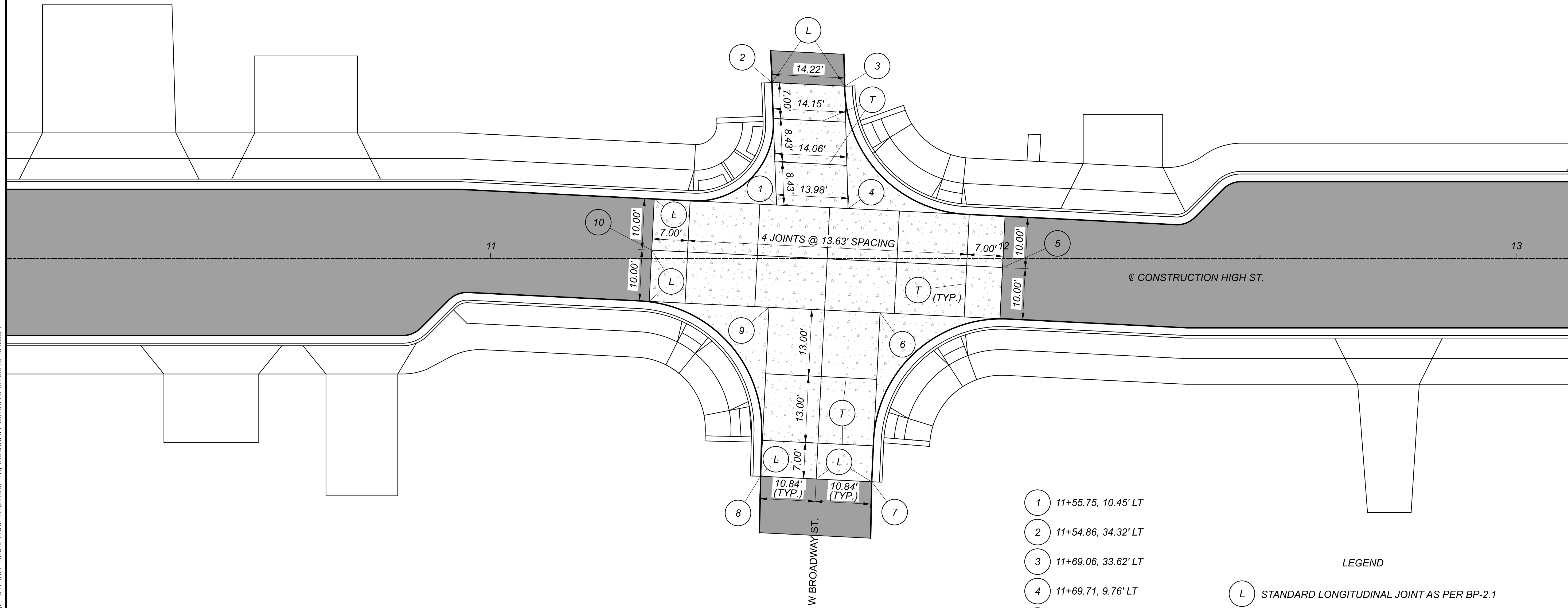


**SPEED HUMP**



**RAISED INTERSECTION**

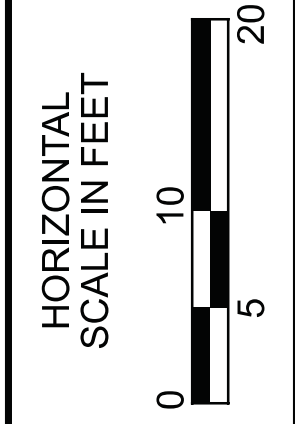
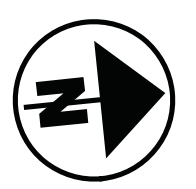




- 1 11+55.75, 10.45' LT
- 2 11+54.86, 34.32' LT
- 3 11+69.06, 33.62' LT
- 4 11+69.71, 9.76' LT
- 5 11+99.84, 1.74' RT
- 6 11+75.96, 10.57' RT
- 7 11+74.32, 43.51' RT
- 8 11+52.67, 42.44' RT
- 9 11+54.30, 9.50' RT
- 10 11+31.43, 1.64' LT

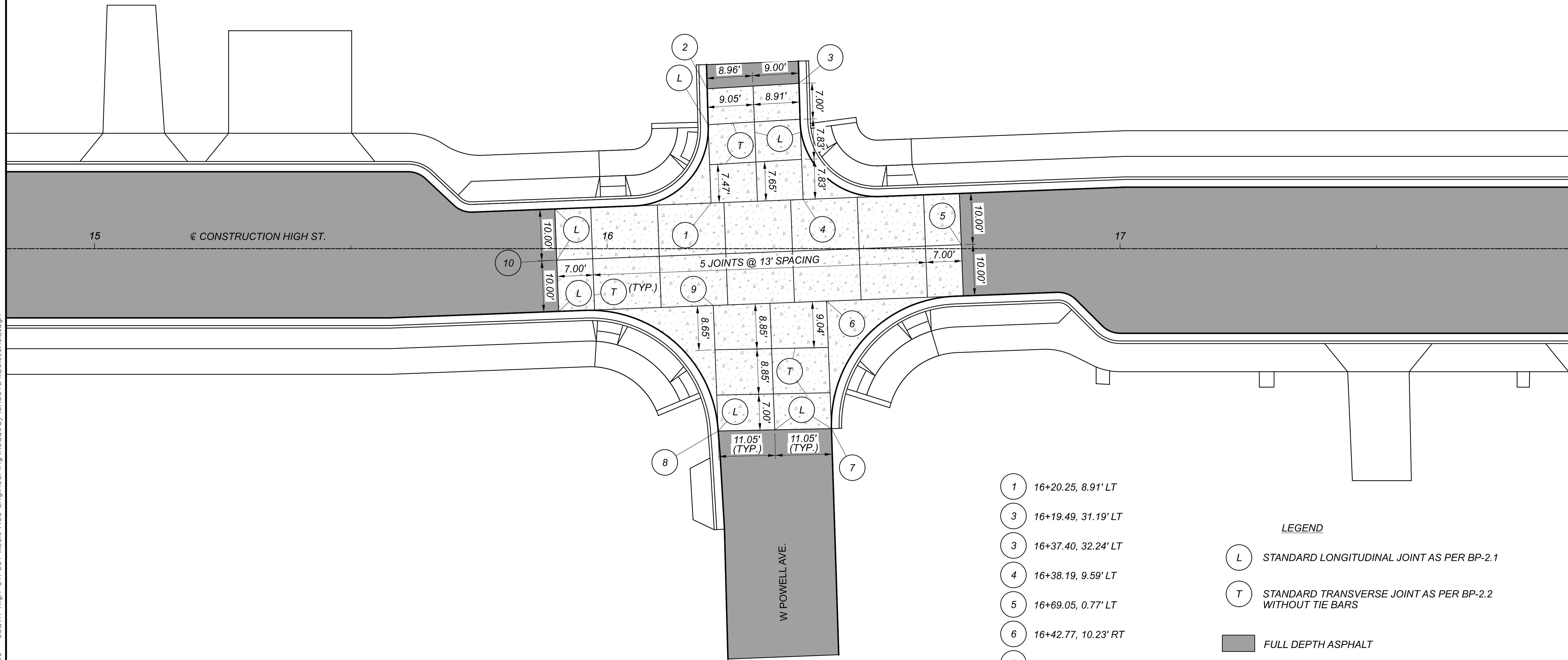
**LEGEND**

- L STANDARD LONGITUDINAL JOINT AS PER BP-2.1
- T STANDARD TRANSVERSE JOINT AS PER BP-2.2 WITHOUT TIE BARS
- FULL DEPTH ASPHALT
- ITEM 452 - NON REINFORCED CONCRETE PAVEMENT



PAVEMENT JOINT DETAILS  
 HIGH ST. AND BROADWAY ST.

DESIGN AGENCY	
DESIGNER	BMG
REVIEWER	MAG
PROJECT ID	112019
SHEET	TOTAL
100	222

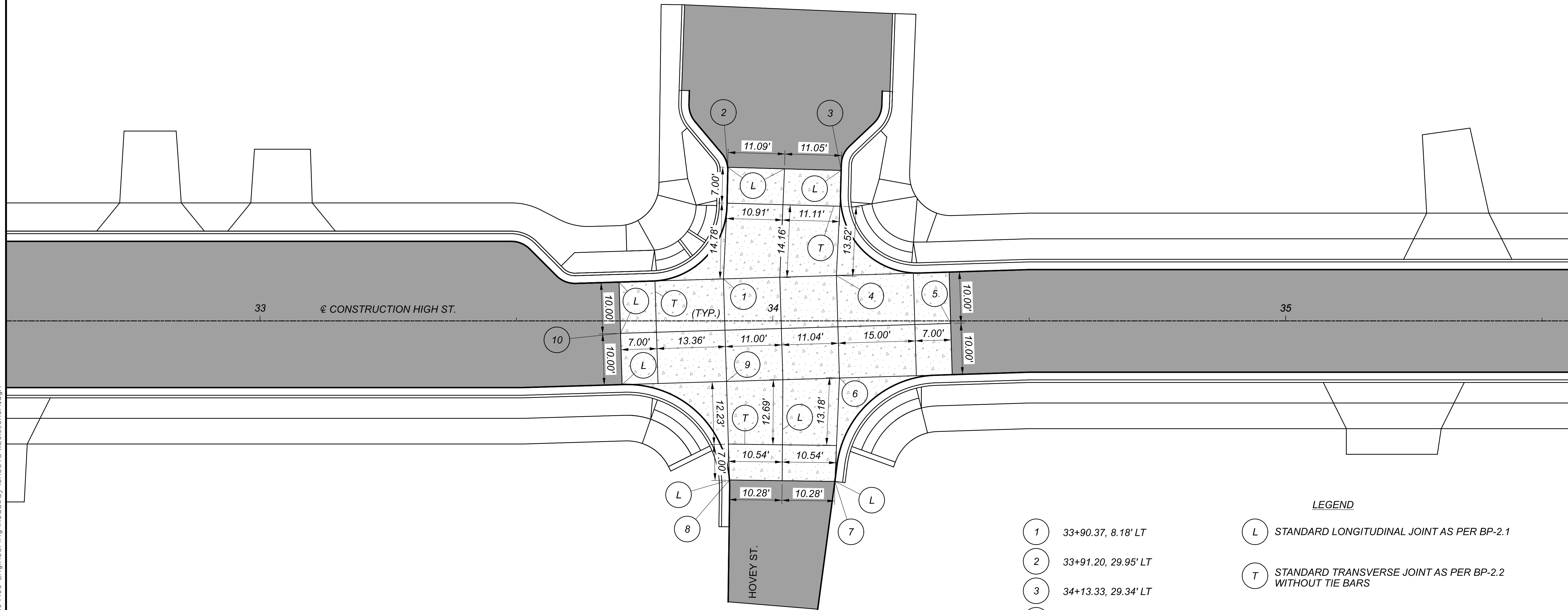


- 1 16+20.25, 8.91' LT
- 3 16+19.49, 31.19' LT
- 3 16+37.40, 32.24' LT
- 4 16+38.19, 9.59' LT
- 5 16+69.05, 0.77' LT
- 6 16+42.77, 10.23' RT
- 7 16+43.72, 35.10' RT
- 8 16+21.64, 35.56' RT
- 9 16+20.68, 11.08' RT
- 10 15+90.16, 2.24' RT

- LEGEND**
- (L) STANDARD LONGITUDINAL JOINT AS PER BP-2.1
  - (T) STANDARD TRANSVERSE JOINT AS PER BP-2.2 WITHOUT TIE BARS
  - [Grey Box] FULL DEPTH ASPHALT
  - [Patterned Box] ITEM 452 - NON REINFORCED CONCRETE PAVEMENT

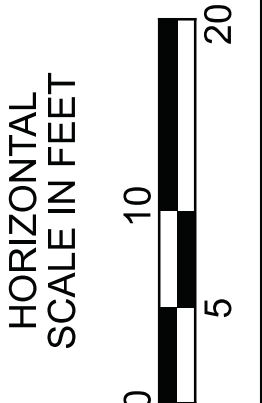
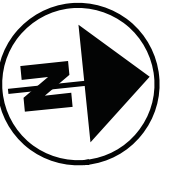
PAVEMENT JOINT DETAILS  
 HIGH ST. AND POWELL AVE.





- 1 33+90.37, 8.18' LT
- 2 33+91.20, 29.95' LT
- 3 34+13.33, 29.34' LT
- 4 34+12.40, 8.84' LT
- 5 34+34.96, 0.50' RT
- 6 34+13.00, 11.14' RT
- 7 34+12.11, 31.30' RT
- 8 33+91.54, 31.03' RT
- 9 33+90.97, 11.80' RT
- 10 33+70.31, 2.42' RT

- LEGEND**
- (L) STANDARD LONGITUDINAL JOINT AS PER BP-2.1
  - (T) STANDARD TRANSVERSE JOINT AS PER BP-2.2 WITHOUT TIE BARS
  - [Solid Grey Box] FULL DEPTH ASPHALT
  - [Patterned Box] ITEM 452 - NON REINFORCED CONCRETE PAVEMENT

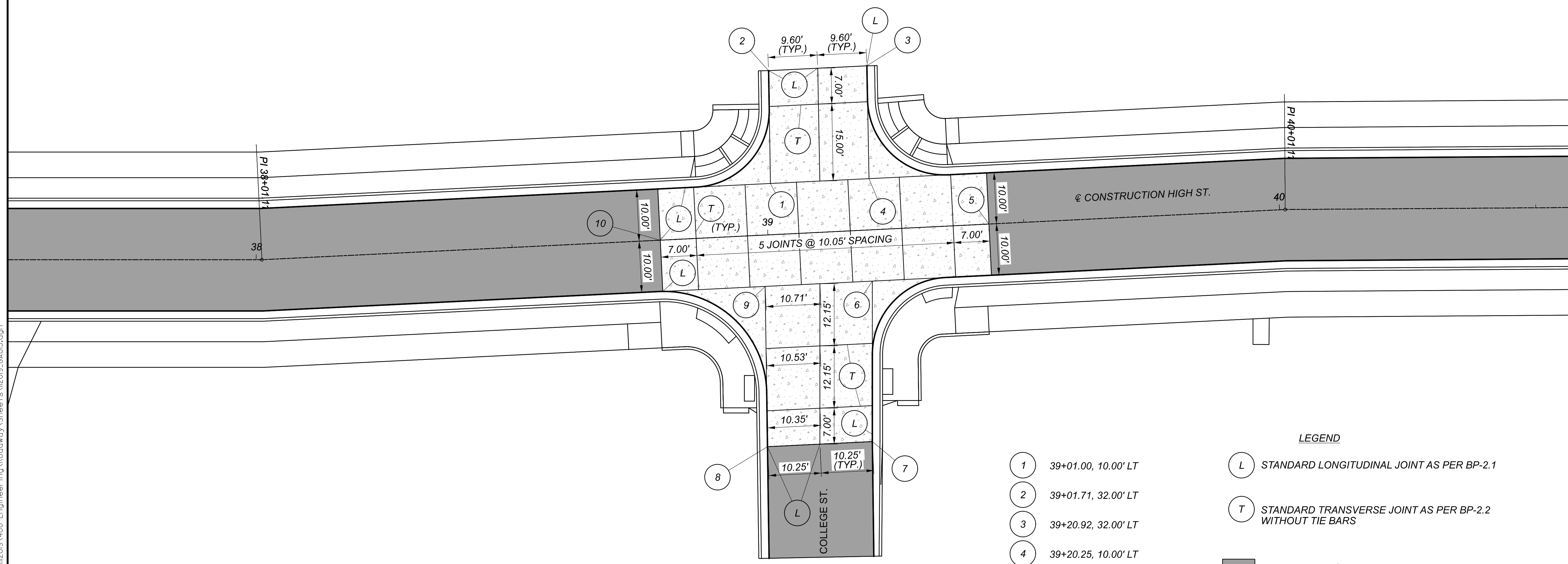
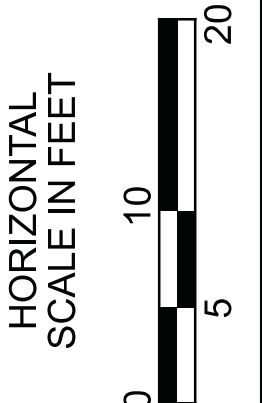
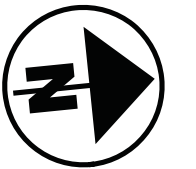


PAVEMENT JOINT DETAILS  
 HIGH ST. AND HOVEY ST.

DESIGN AGENCY



DESIGNER	BMG
REVIEWER	MAG
DATE	02/27/23
PROJECT ID	112019
SHEET	TOTAL
103	222



- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>1 39+01.00, 10.00' LT</li> <li>2 39+01.71, 32.00' LT</li> <li>3 39+20.92, 32.00' LT</li> <li>4 39+20.25, 10.00' LT</li> <li>5 39+43.21</li> <li>6 39+19.92, 10.00' RT</li> <li>7 39+18.39, 41.28' RT</li> <li>8 38+97.90, 41.27' RT</li> <li>9 38+98.97, 10.00' RT</li> <li>10 38+78.97</li> </ul> | <p><b>LEGEND</b></p> <ul style="list-style-type: none"> <li>(L) STANDARD LONGITUDINAL JOINT AS PER BP-2.1</li> <li>(T) STANDARD TRANSVERSE JOINT AS PER BP-2.2 WITHOUT TIE BARS</li> <li> FULL DEPTH ASPHALT</li> <li> ITEM 452 - NON REINFORCED CONCRETE PAVEMENT</li> </ul> |
|---|---|

PAVEMENT JOINT DETAILS  
 HIGH ST. AND COLLEGE ST.

DESIGN AGENCY



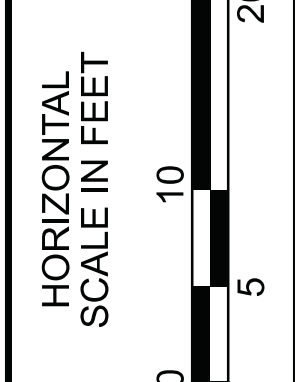
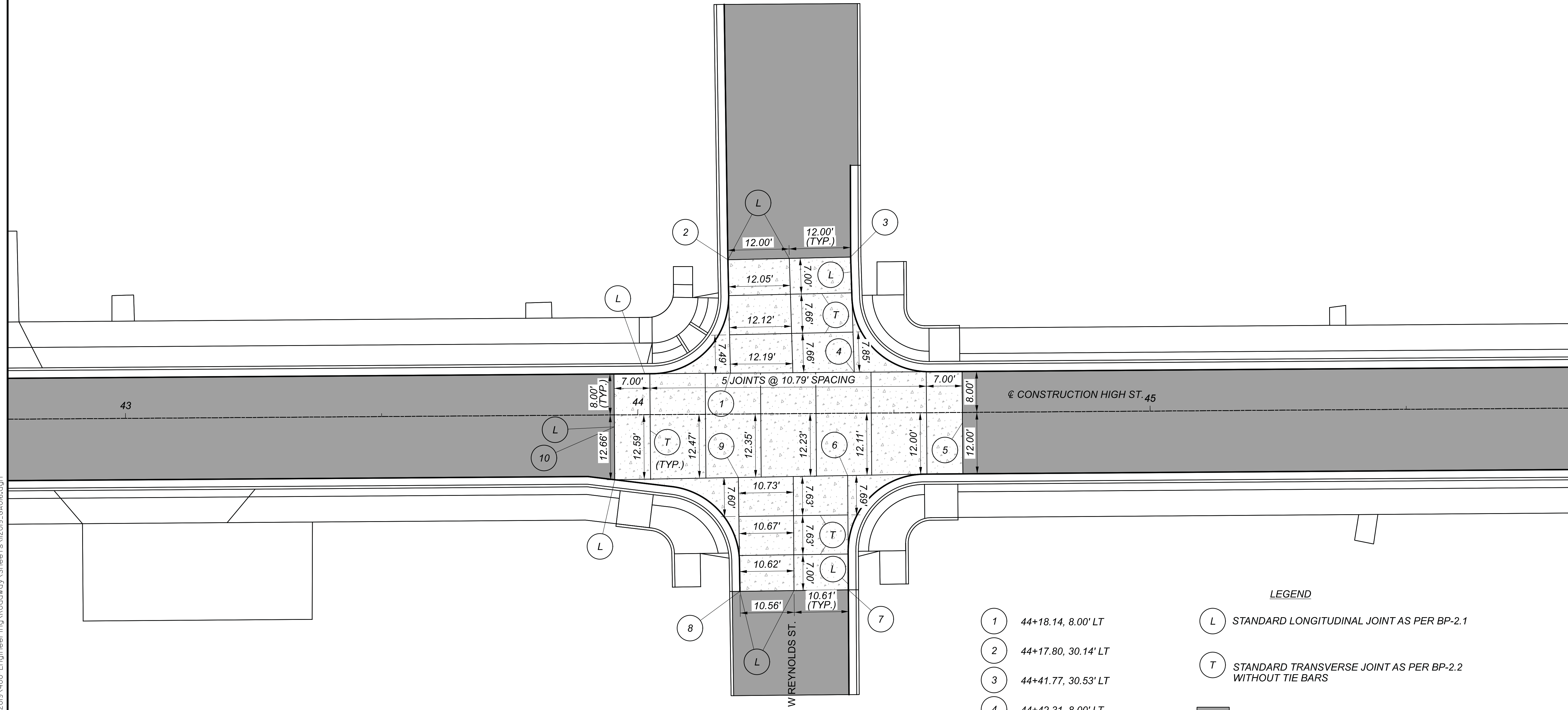
DESIGNER  
 BMG

REVIEWER  
 MAG 02/27/23

PROJECT ID  
 112019

SHEET	TOTAL
104	222





PAVEMENT JOINT DETAILS  
 HIGH ST. AND REYNOLDS ST.

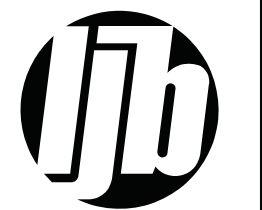
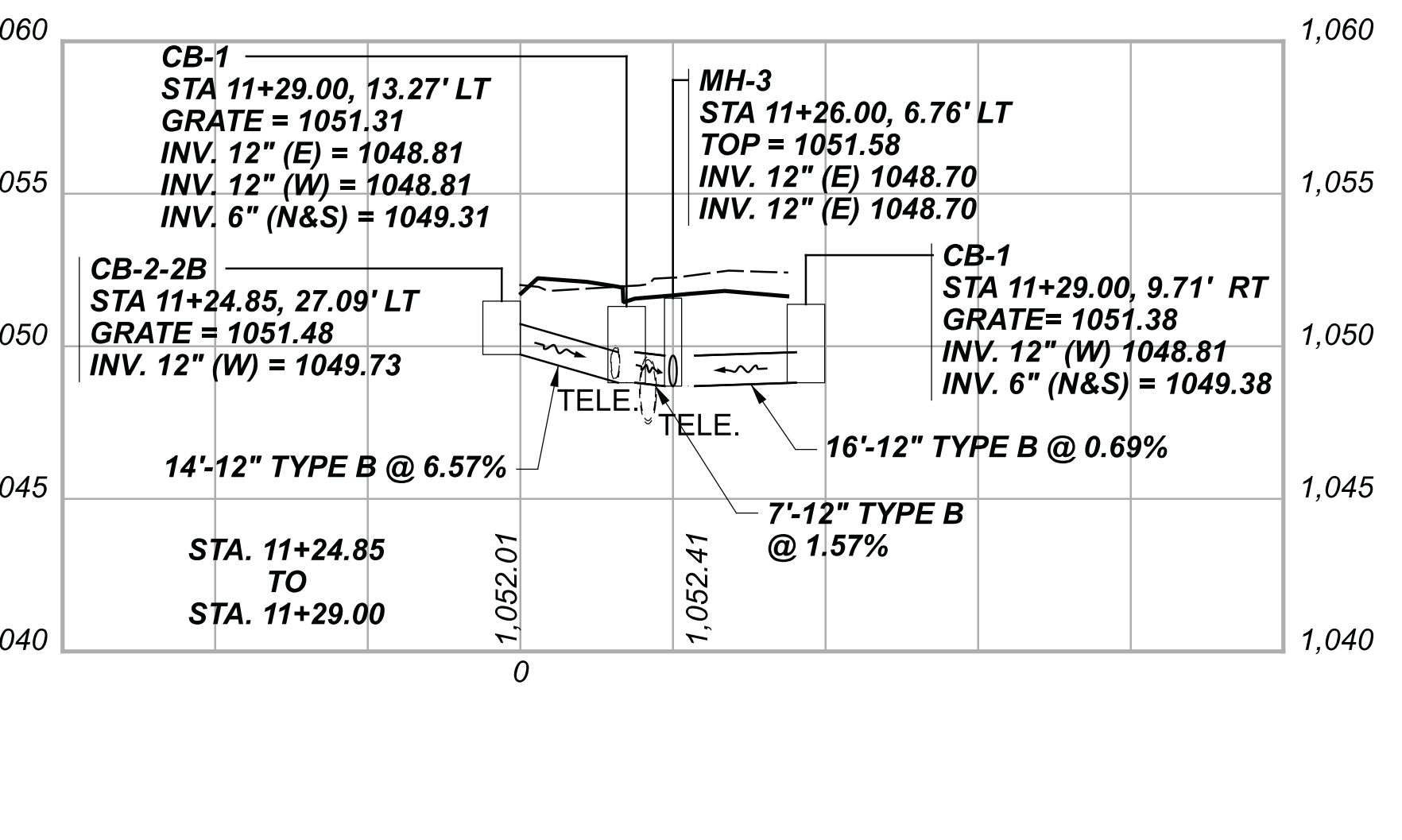
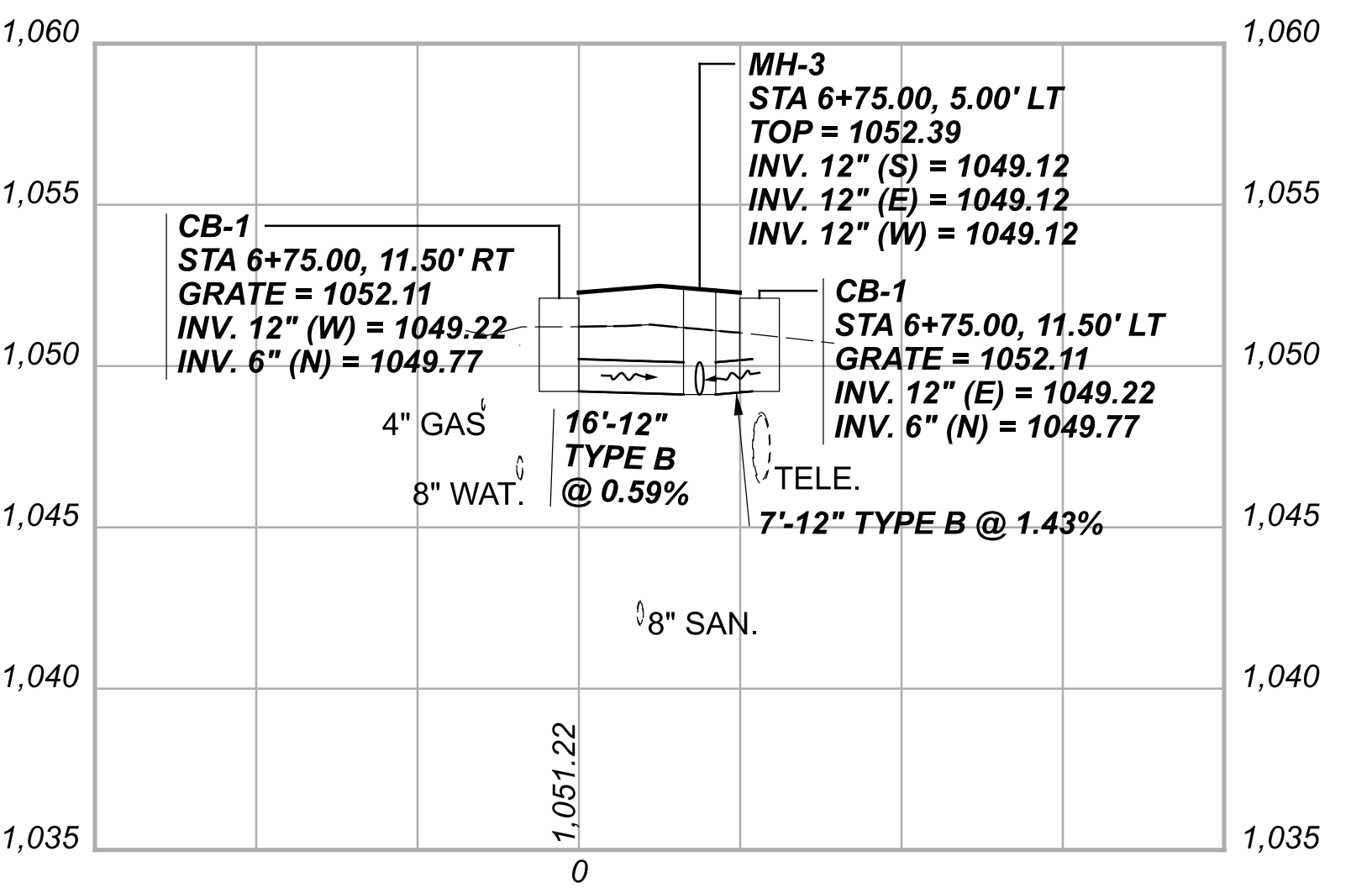
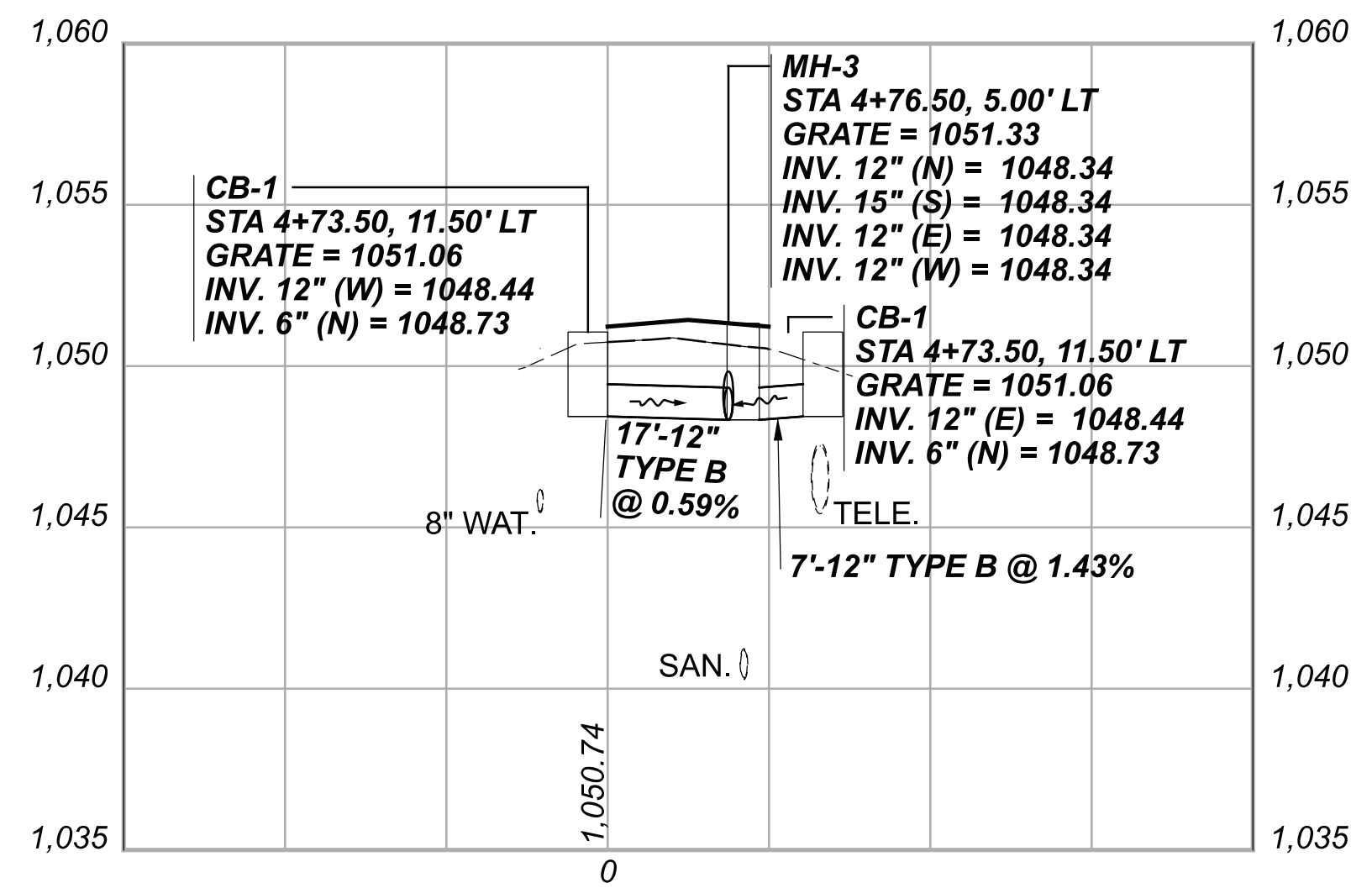
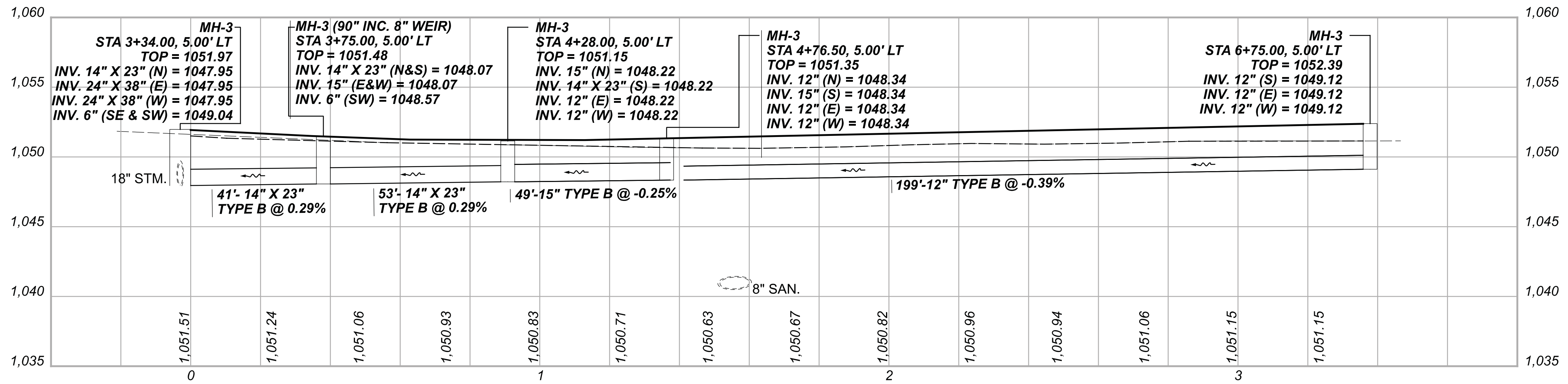
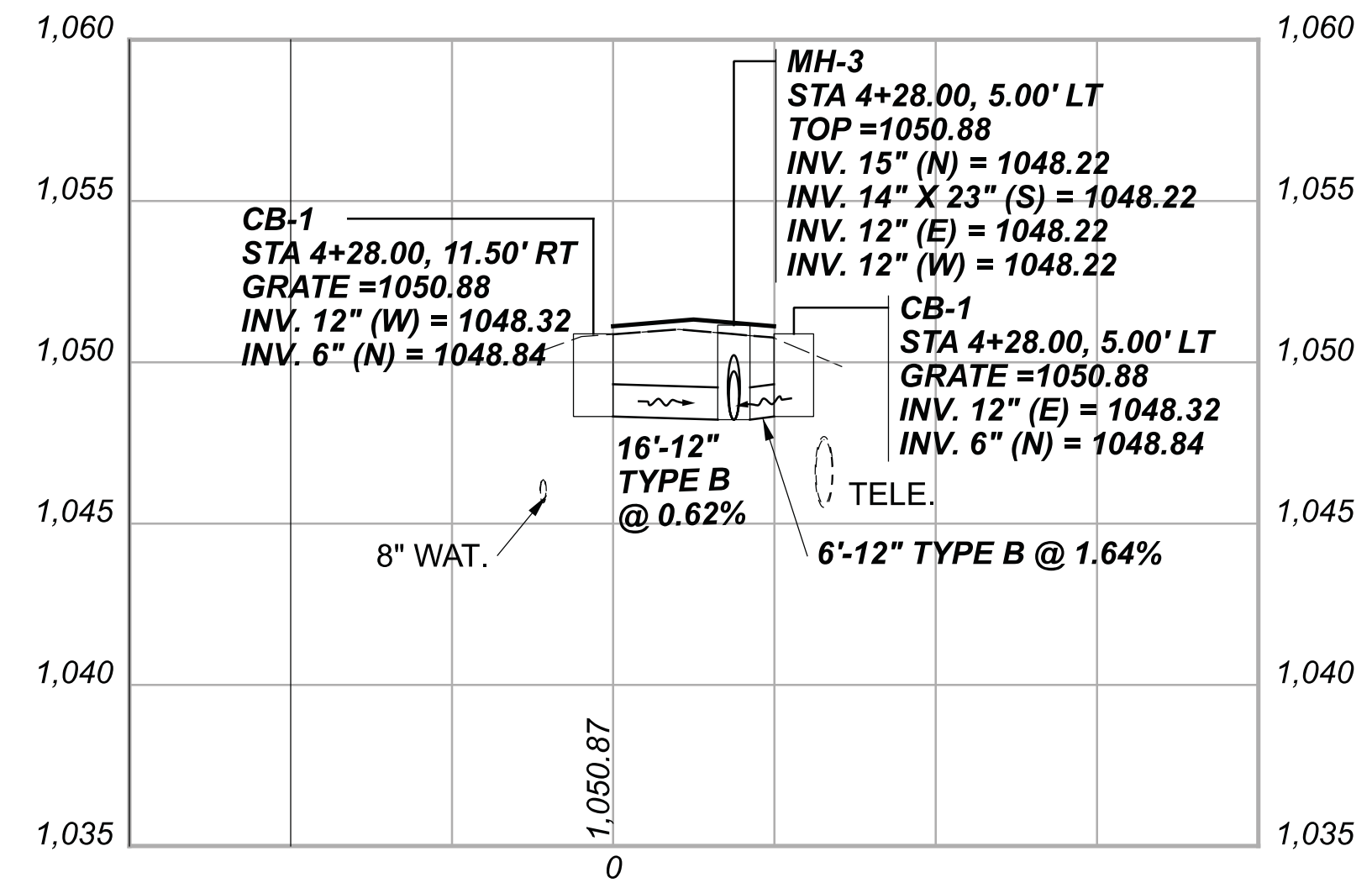
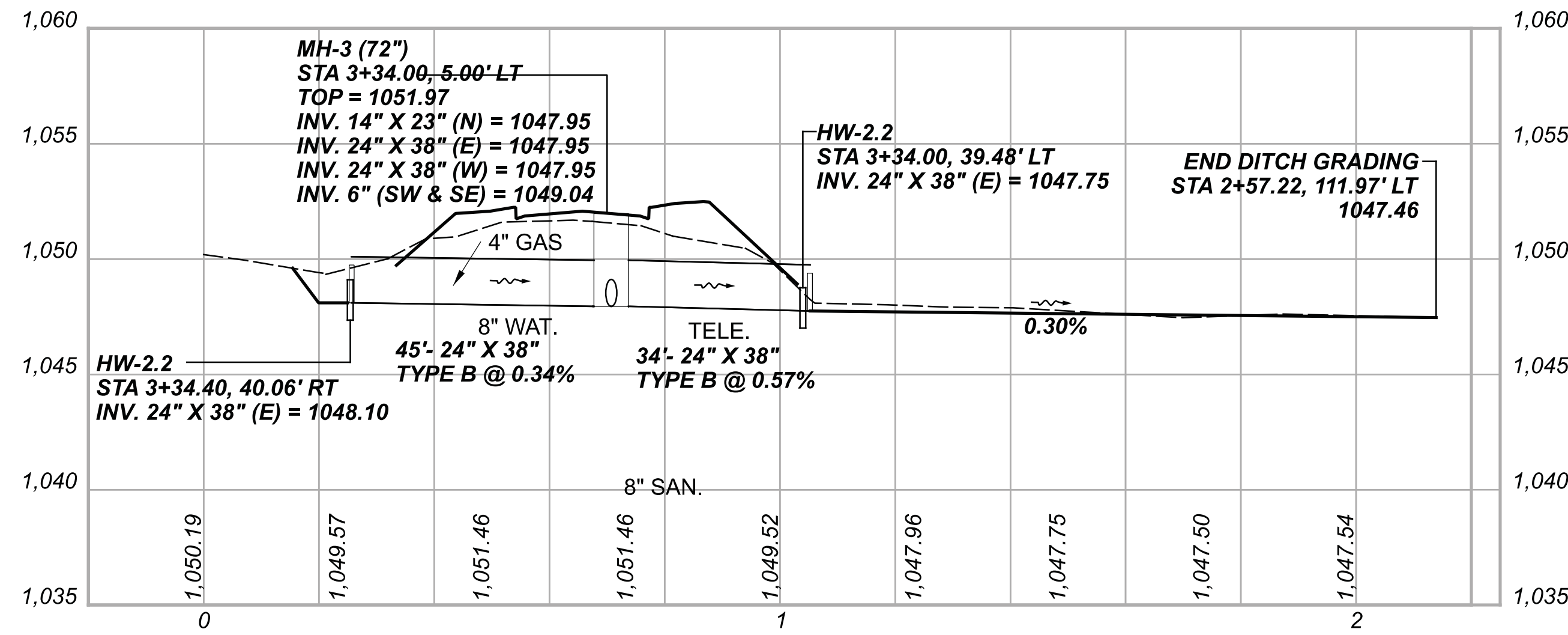
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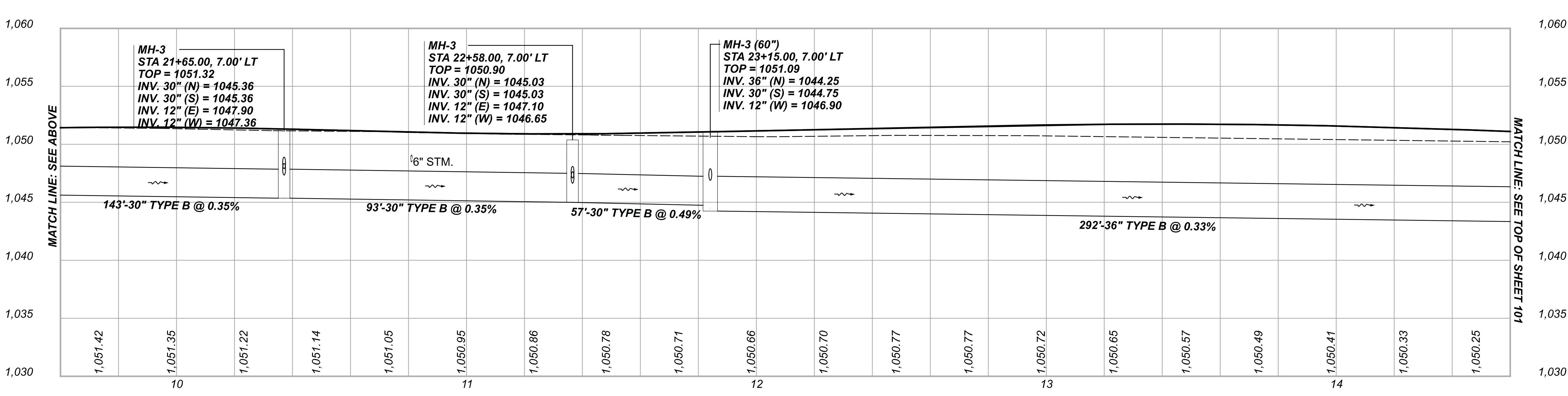
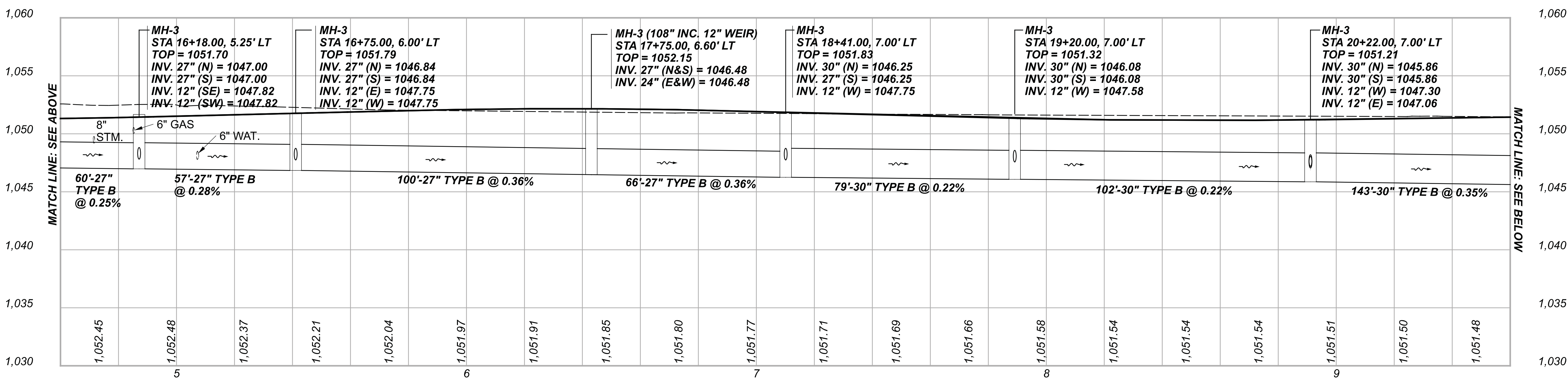
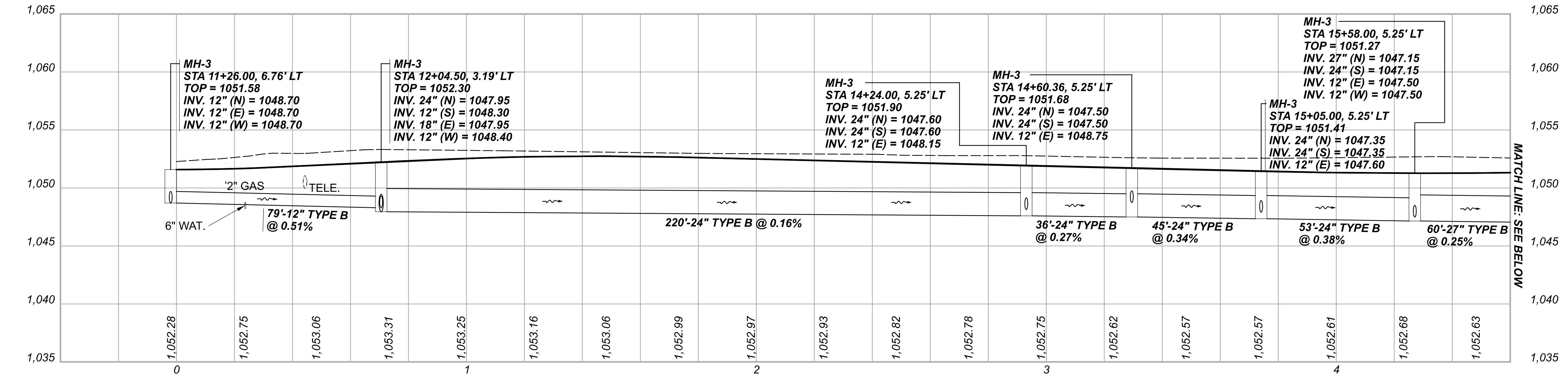
- (L) STANDARD LONGITUDINAL JOINT AS PER BP-2.1
- (T) STANDARD TRANSVERSE JOINT AS PER BP-2.2 WITHOUT TIE BARS
- FULL DEPTH ASPHALT
- ▨ ITEM 452 - NON REINFORCED CONCRETE PAVEMENT

- 1 44+18.14, 8.00' LT
- 2 44+17.80, 30.14' LT
- 3 44+41.77, 30.53' LT
- 4 44+42.31, 8.00' LT
- 5 44+63.37, 2.00' RT
- 6 44+40.88, 12.16' RT
- 7 44+40.86, 34.49' RT
- 8 44+19.69, 34.63' RT
- 9 44+19.54, 12.40' RT
- 10 43+95.41, 2.00' RT


DESIGN AGENCY	
DESIGNER	BMG
REVIEWER	MAG
PROJECT ID	112019
SHEET	TOTAL
105	222

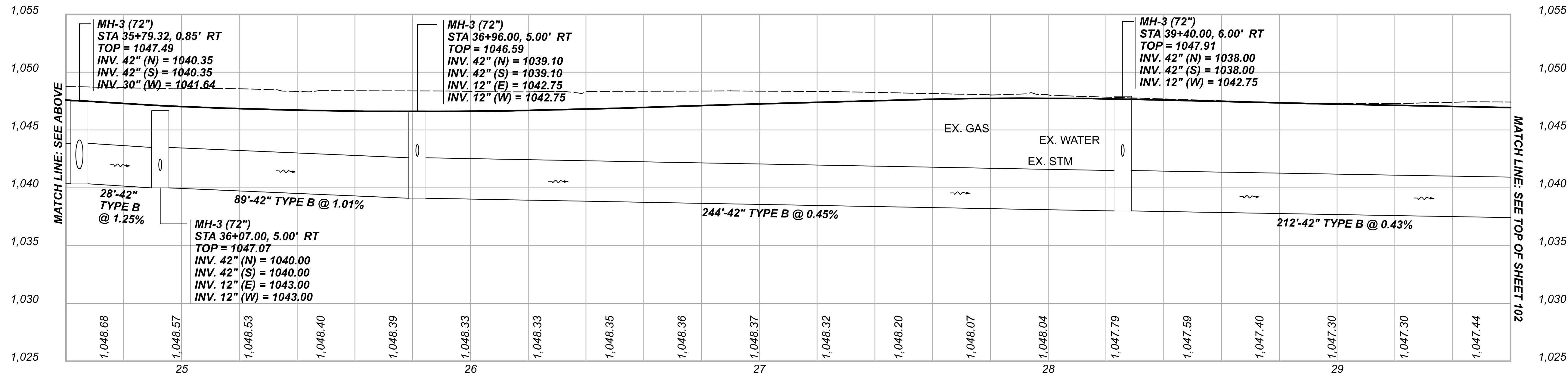
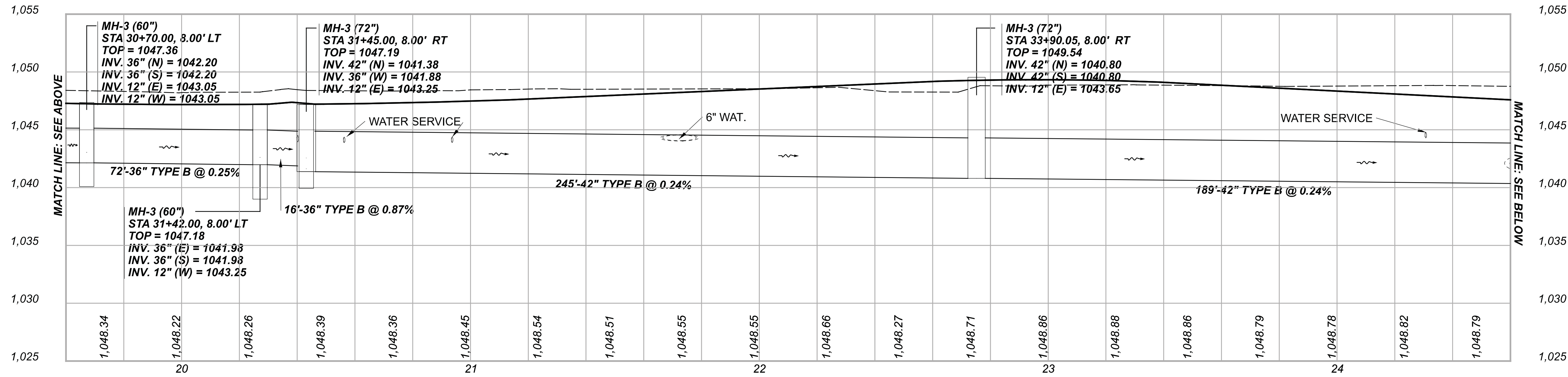
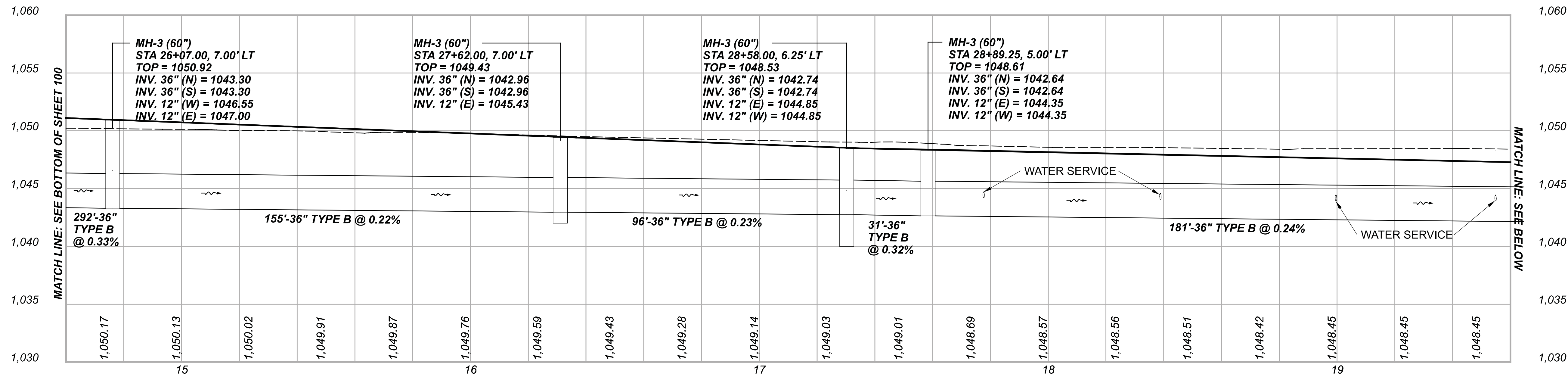






STORM SEWER PROFILES  
 STA. 11+29.00 TO STA. 23+15.00

DESIGN AGENCY  
  
 DESIGNER  
 BMG  
 REVIEWER  
 LAS 02/27/23  
 PROJECT ID  
 112019  
 SHEET TOTAL  
 108 222



STORM SEWER PROFILES  
 STA. 26+07.00 TO STA. 39+40.00

DESIGN AGENCY



DESIGNER

BMG

REVIEWER

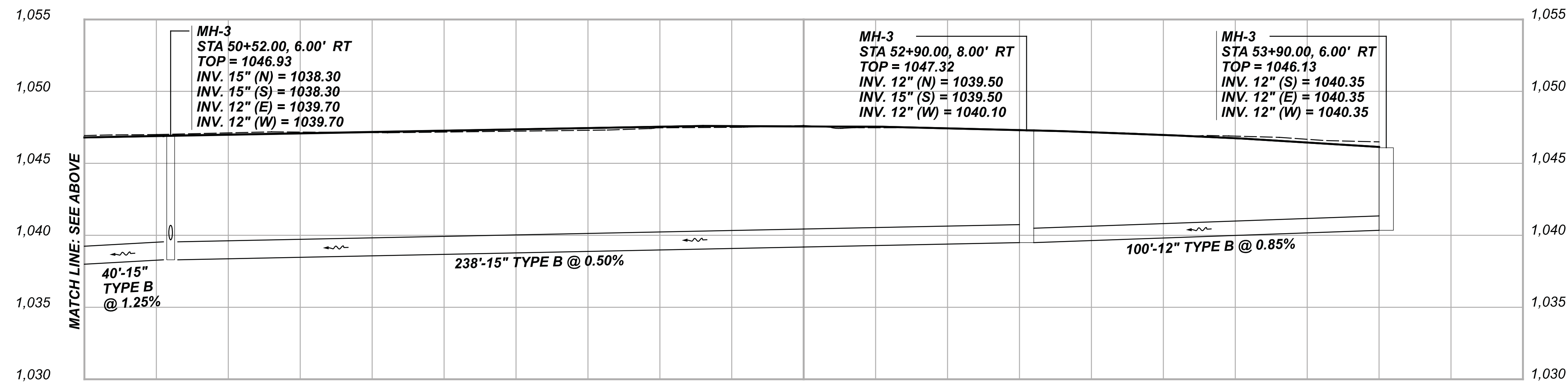
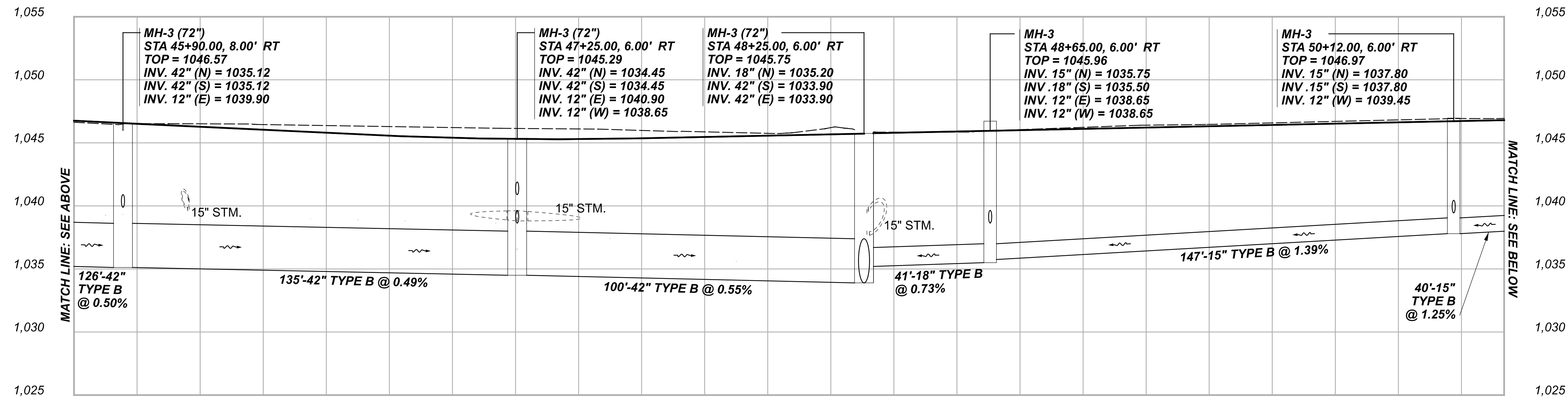
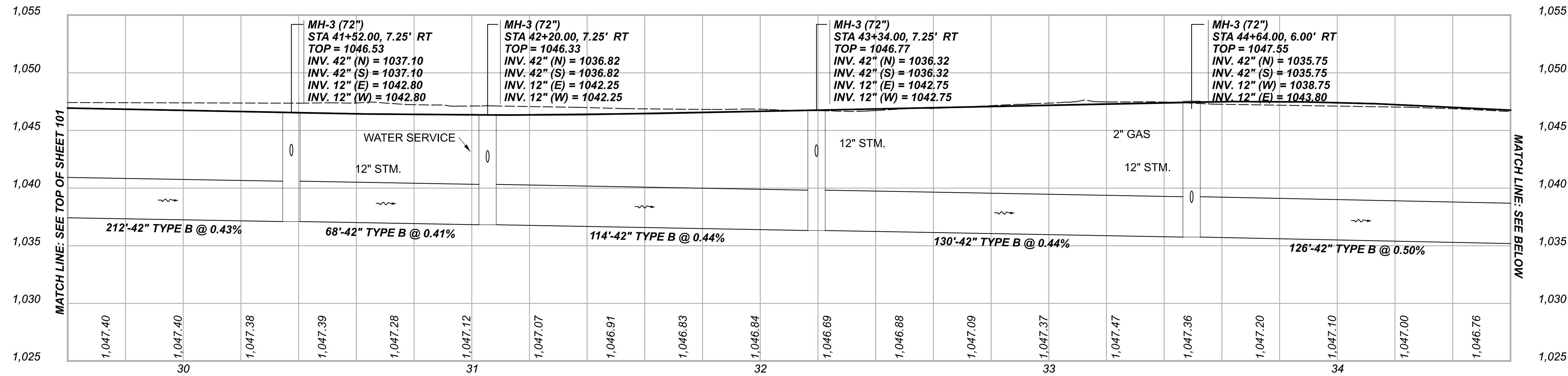
MAG 02/27/23

PROJECT ID

112019

SHEET TOTAL

109 222



STORM SEWER PROFILES  
 STA. 41+52.00 TO STA. 53+90.00

DESIGN AGENCY



DESIGNER

BMG

REVIEWER

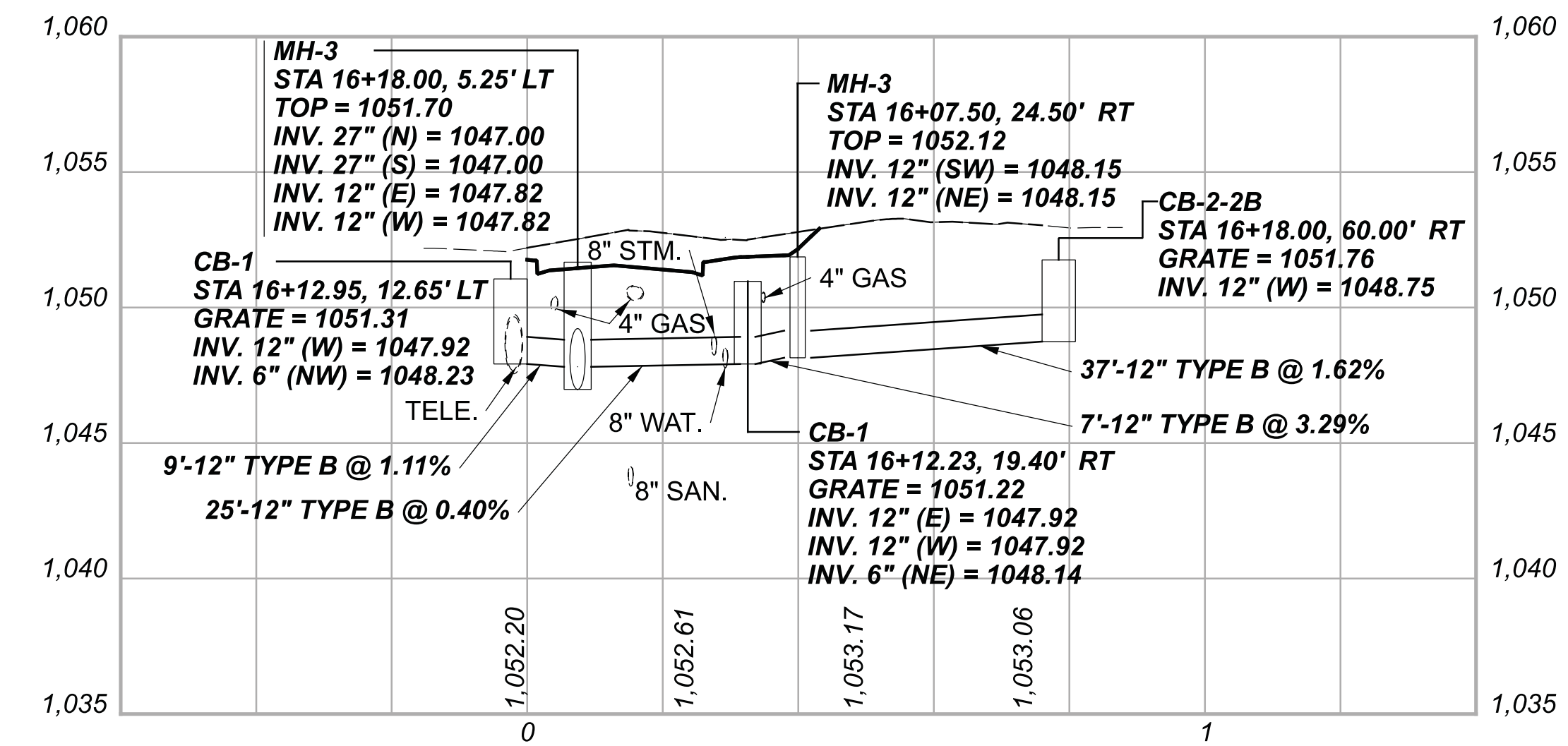
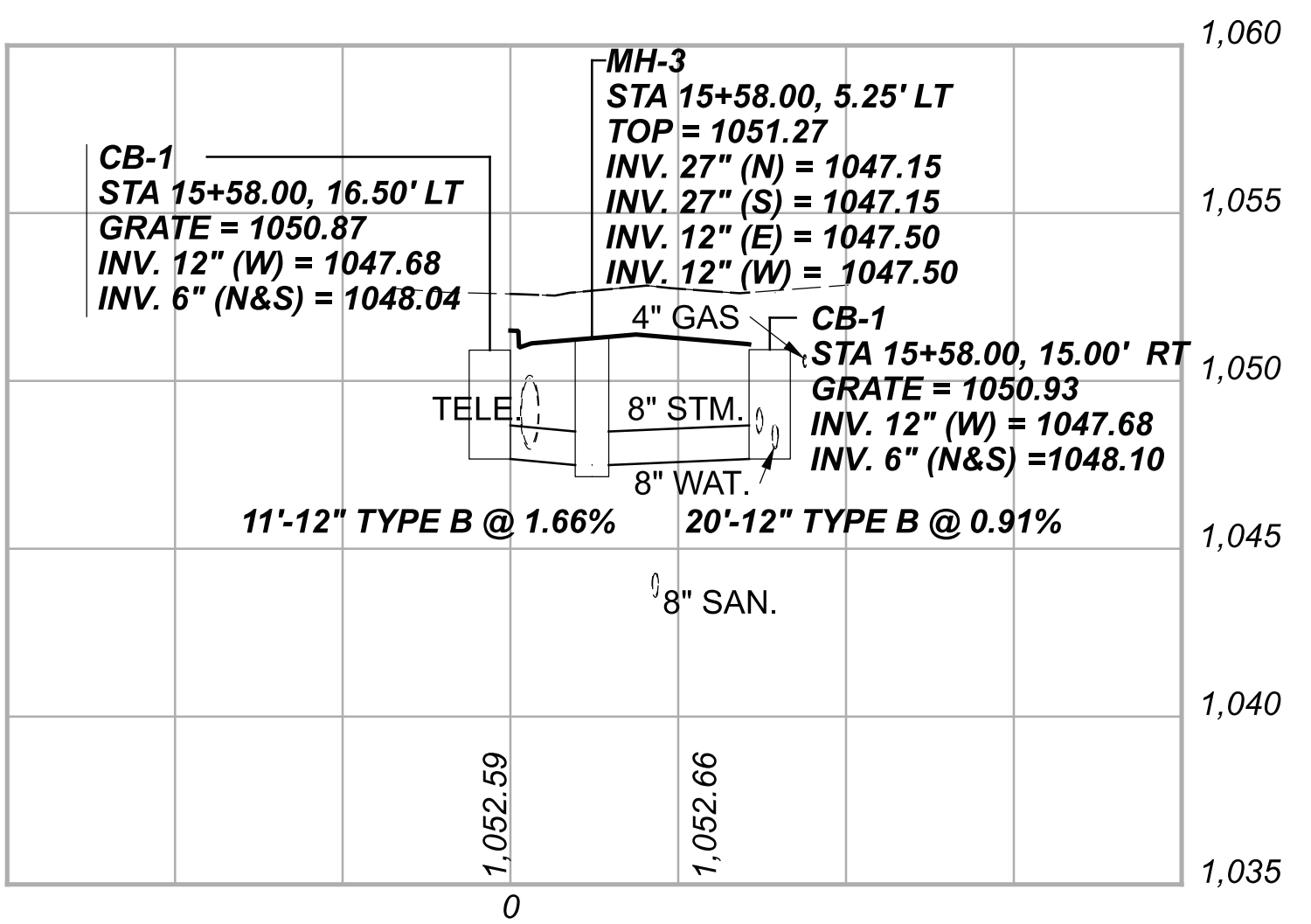
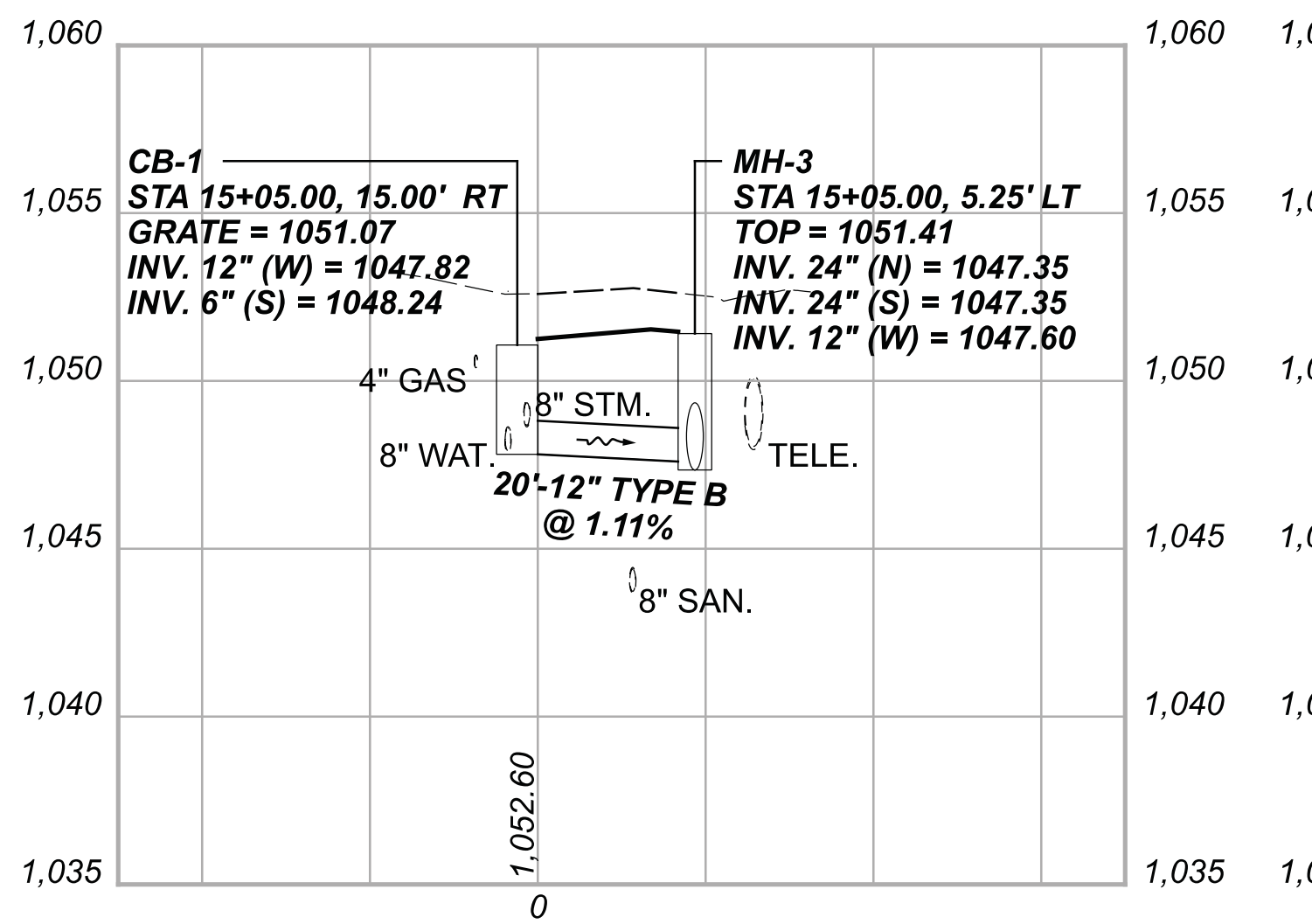
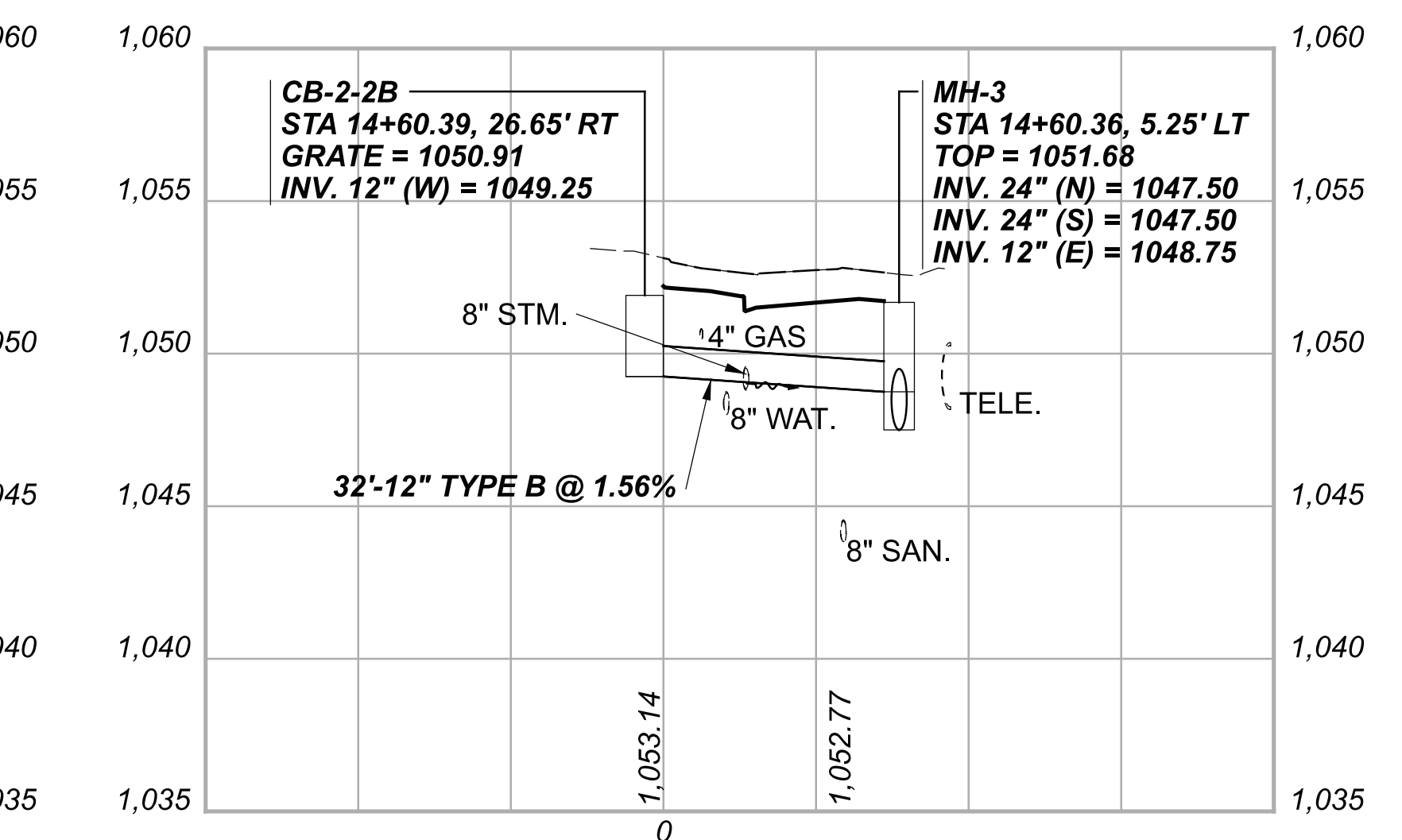
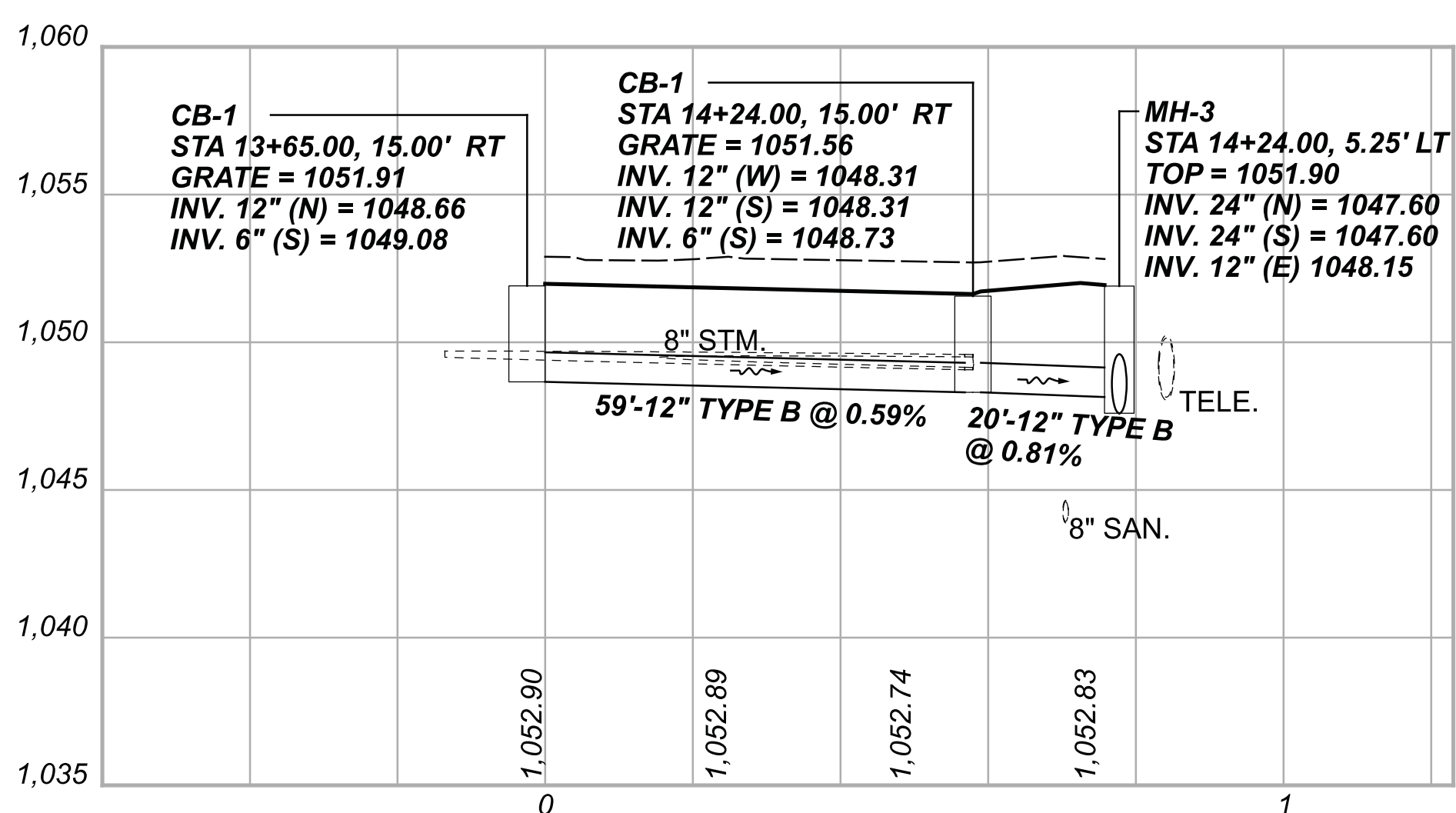
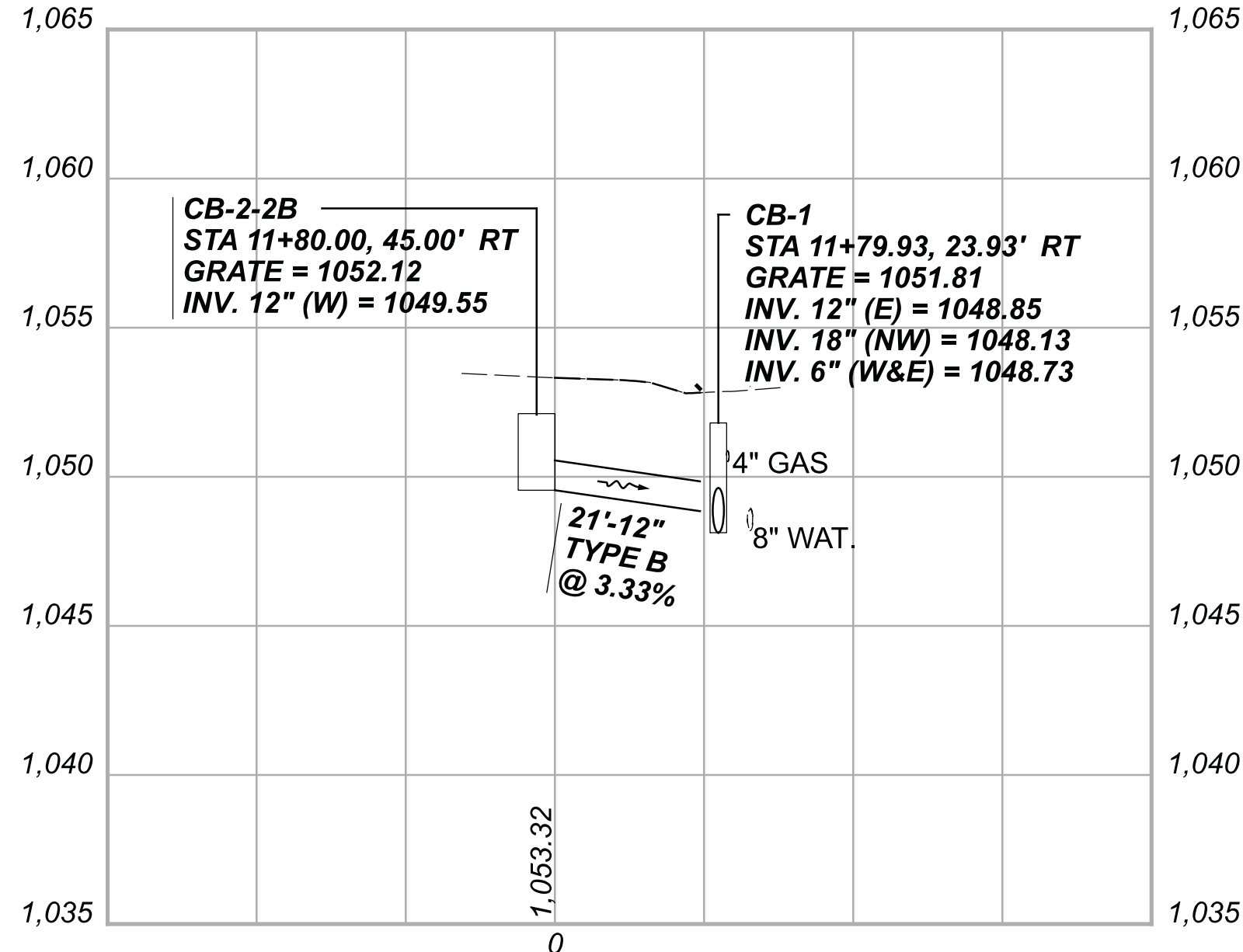
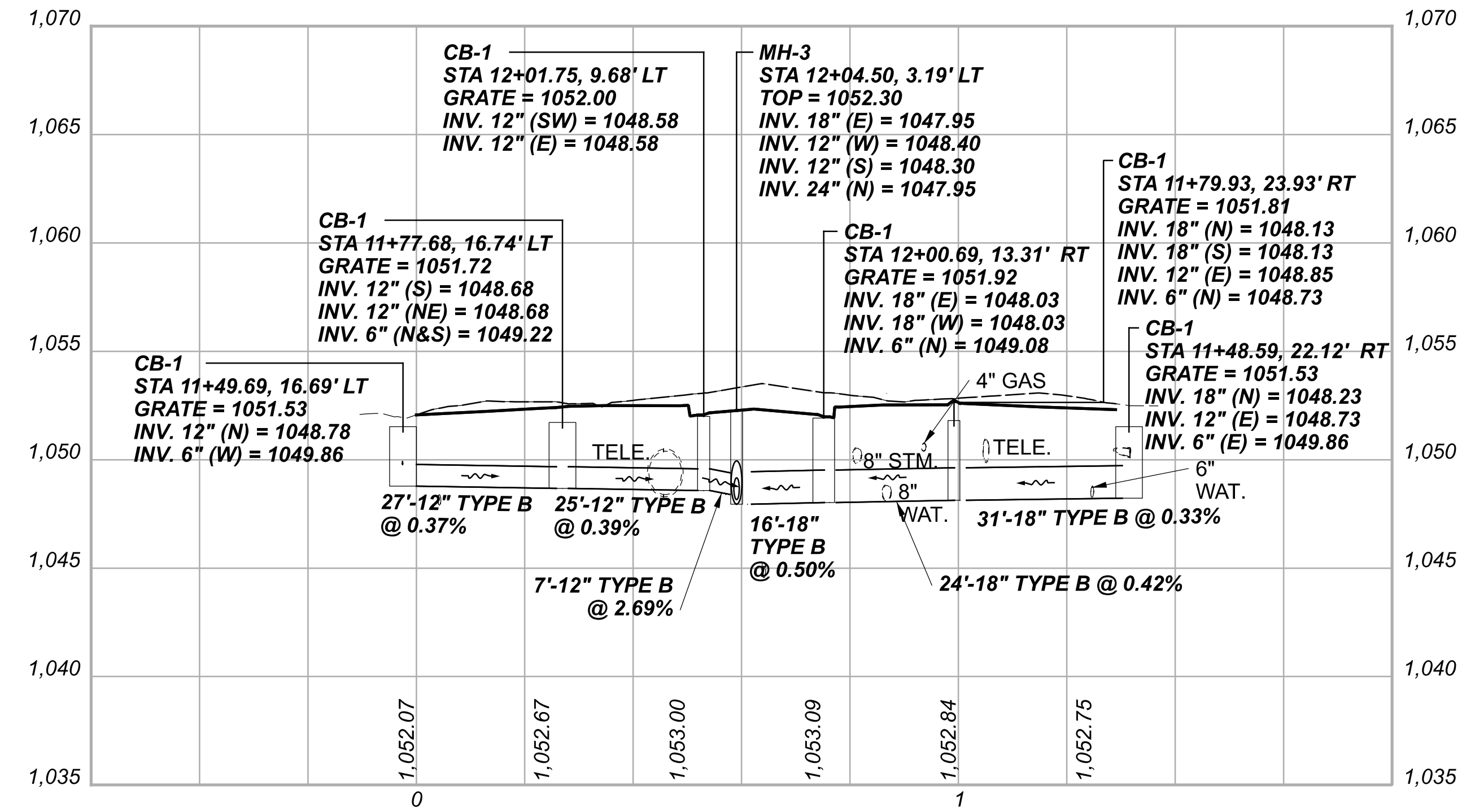
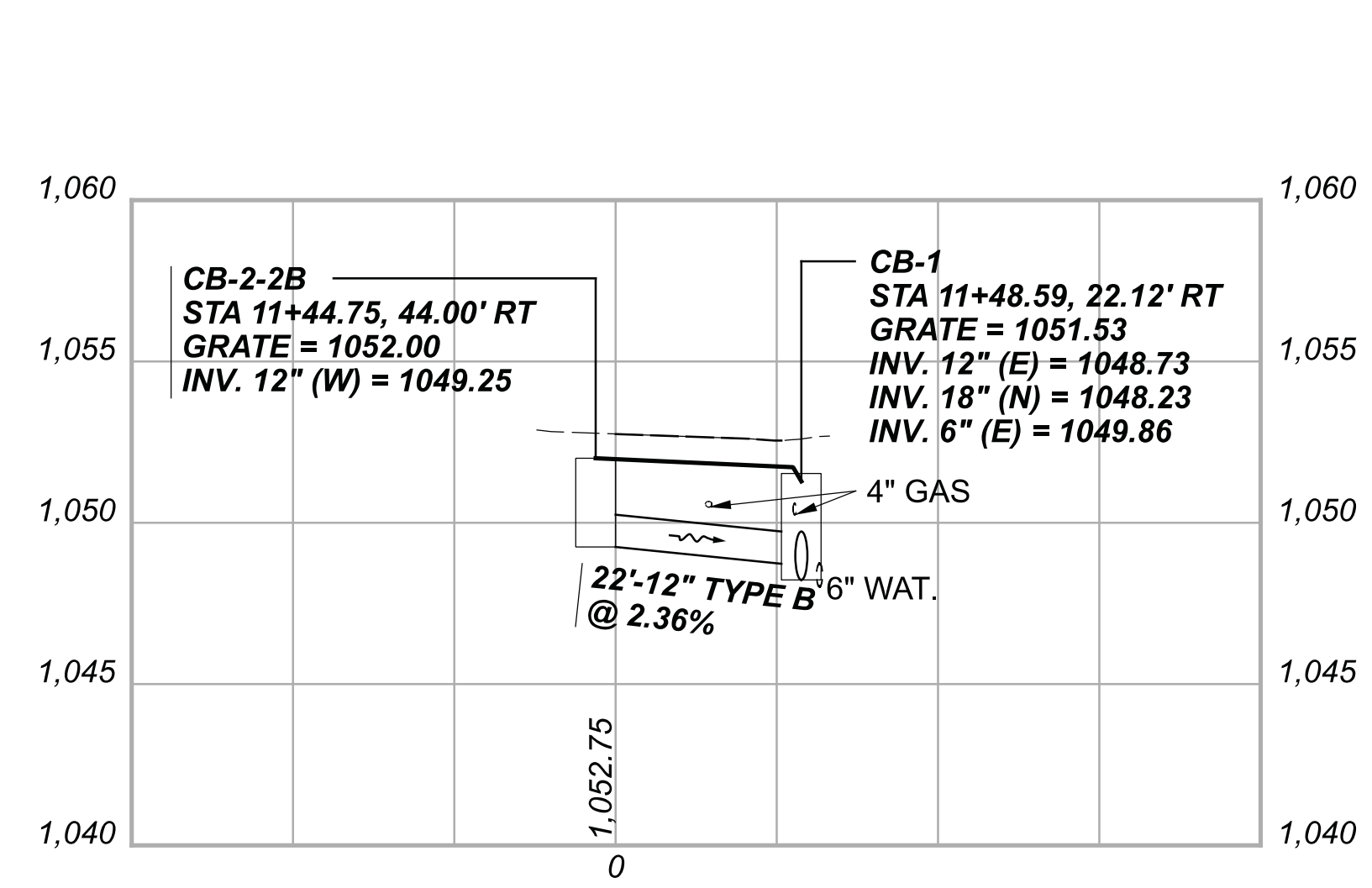
MAG 02/27/23

PROJECT ID

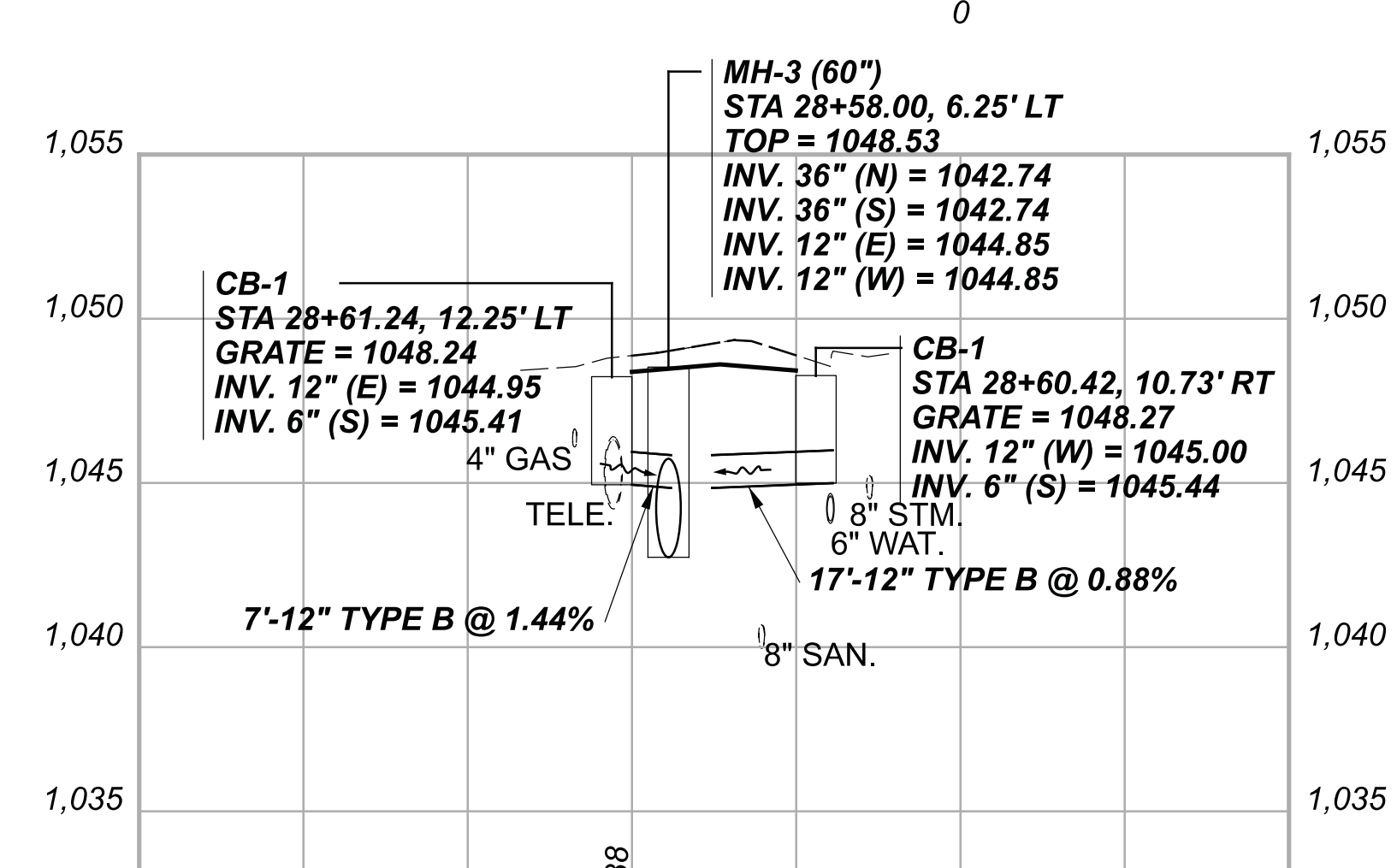
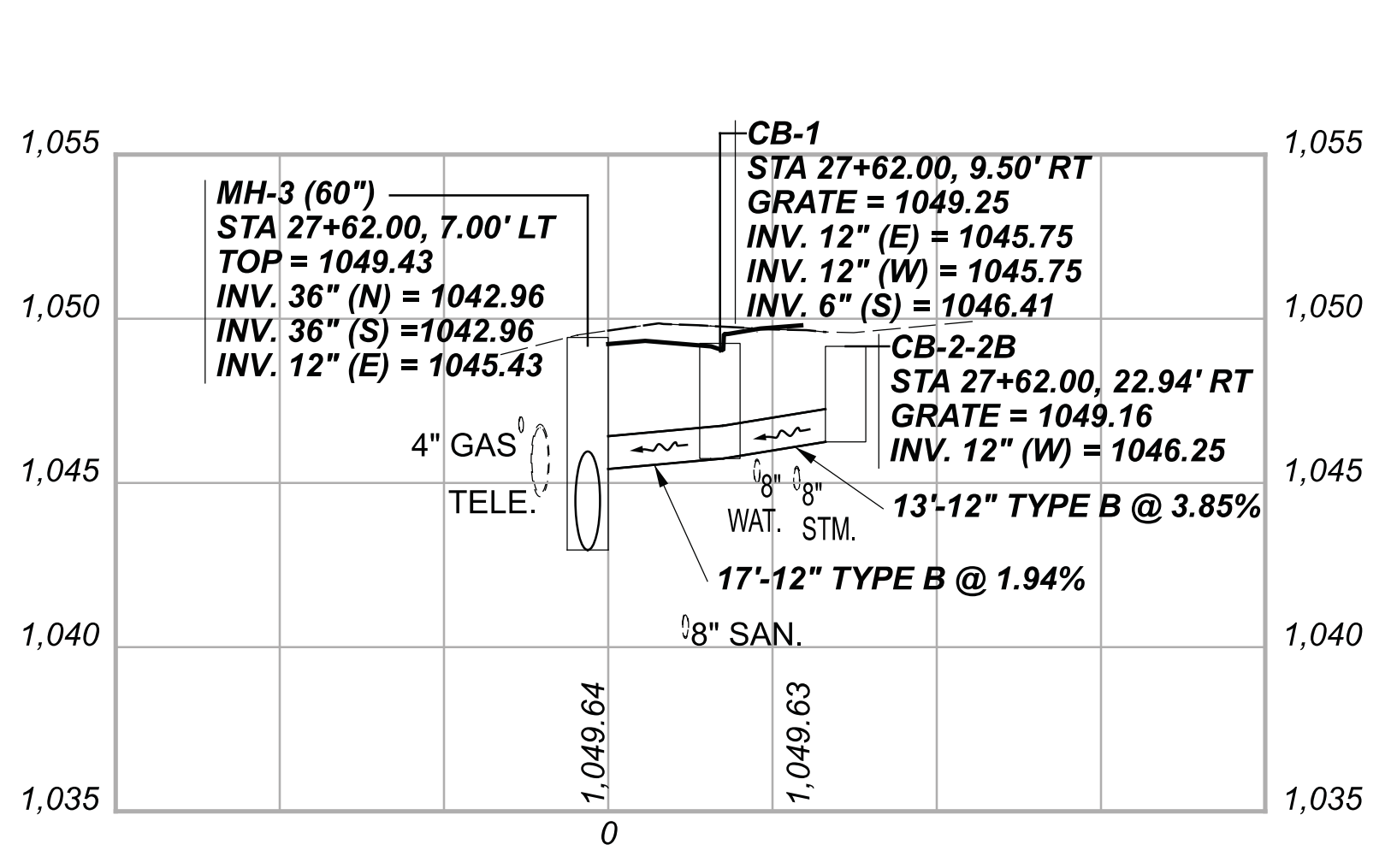
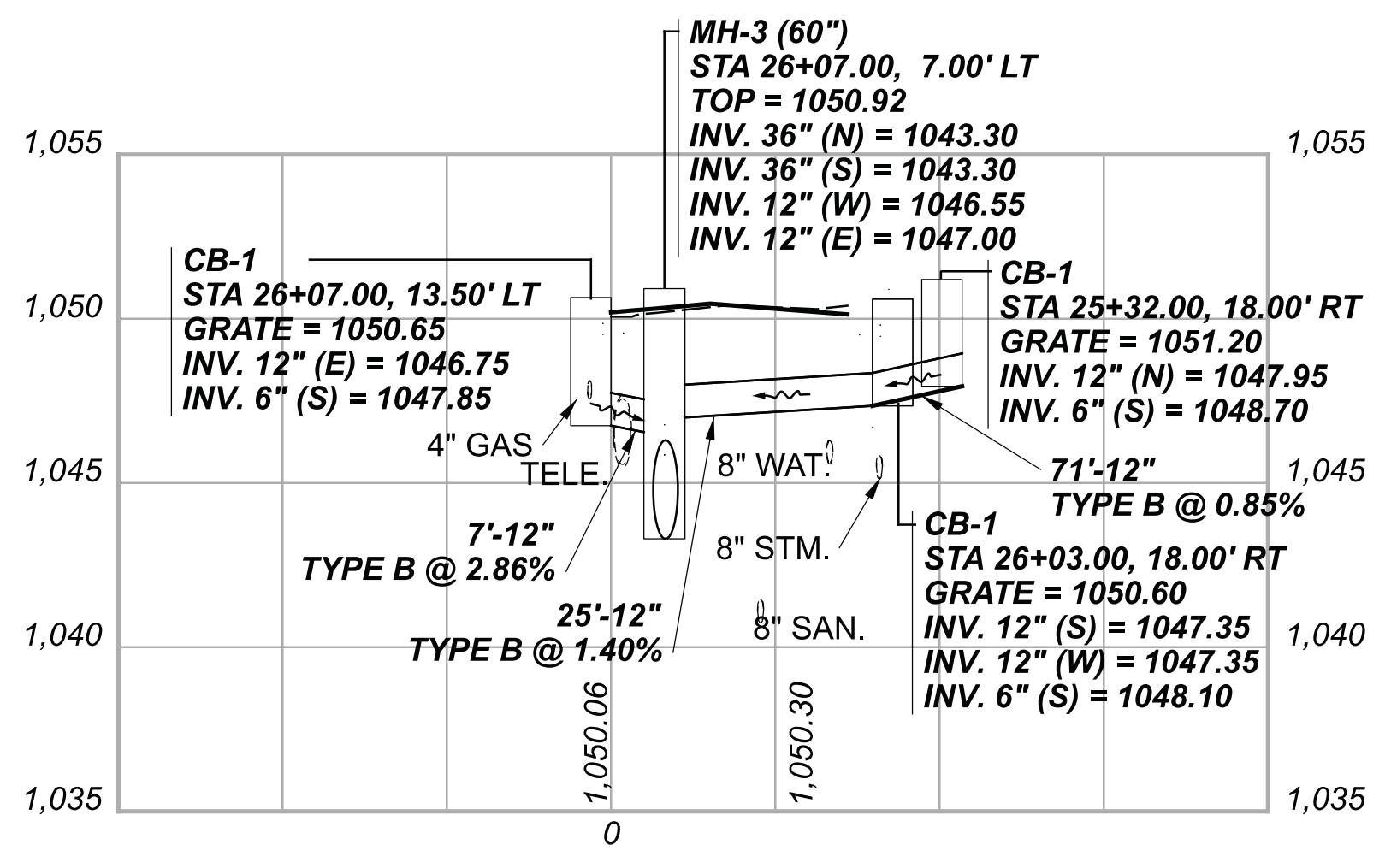
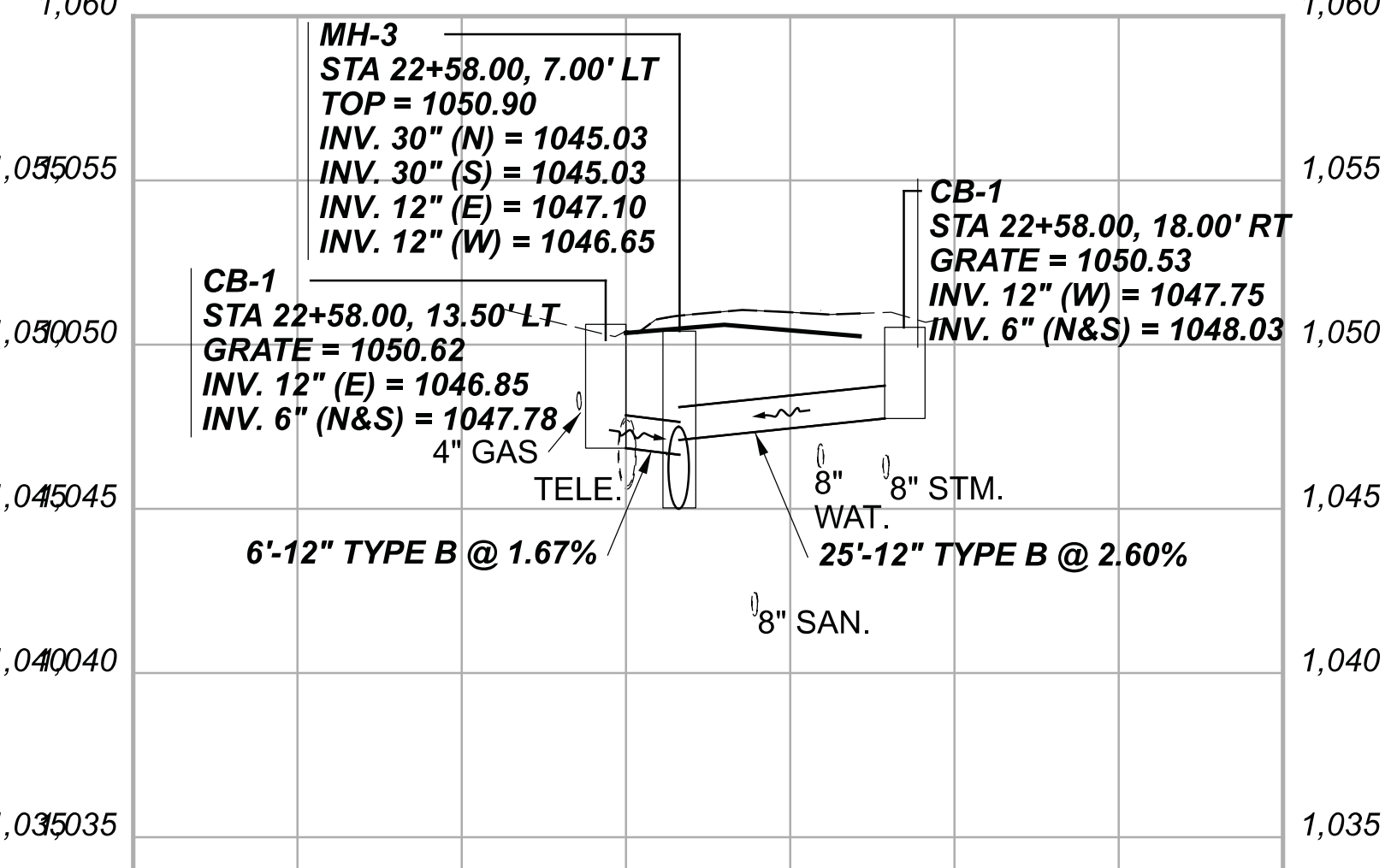
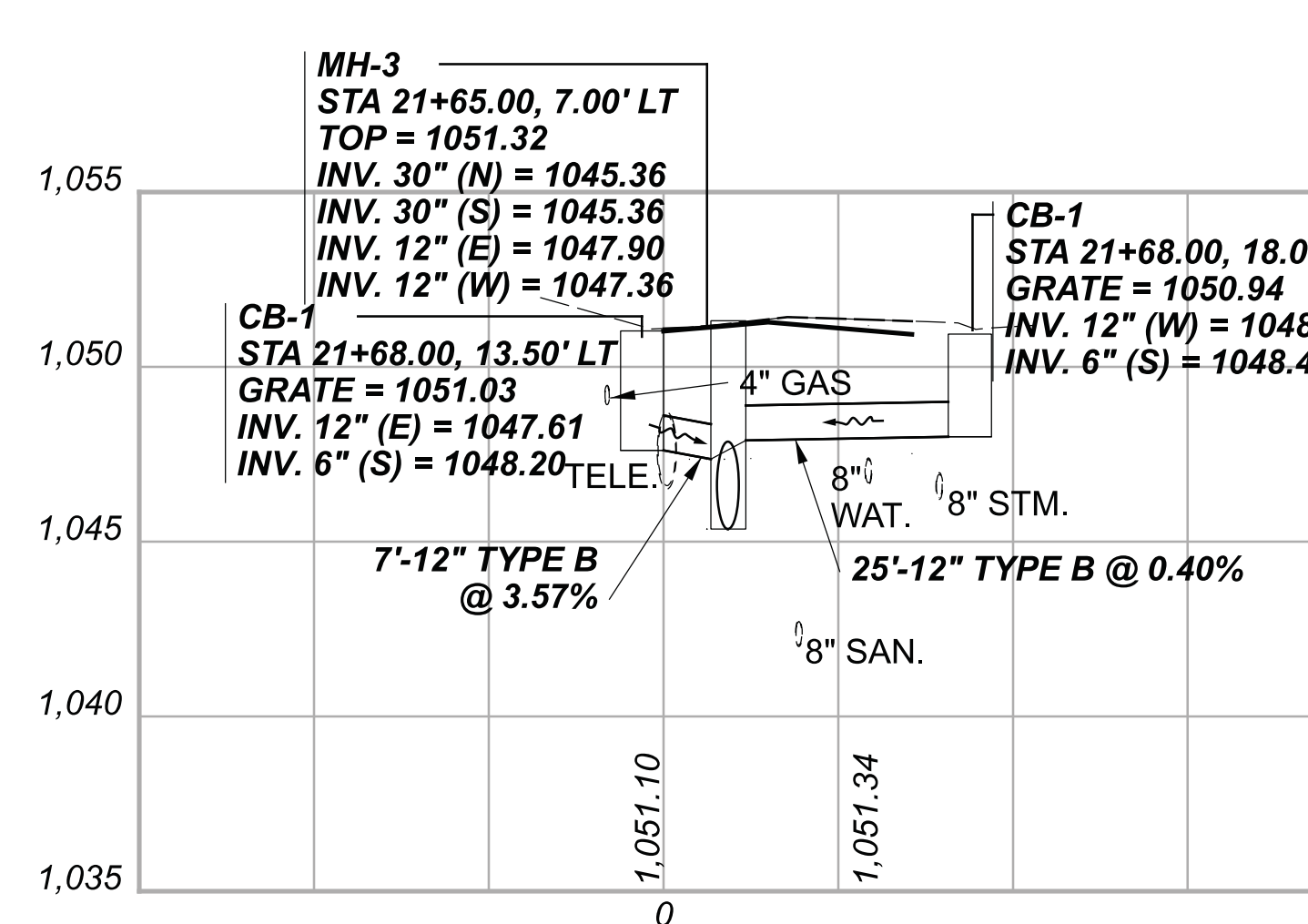
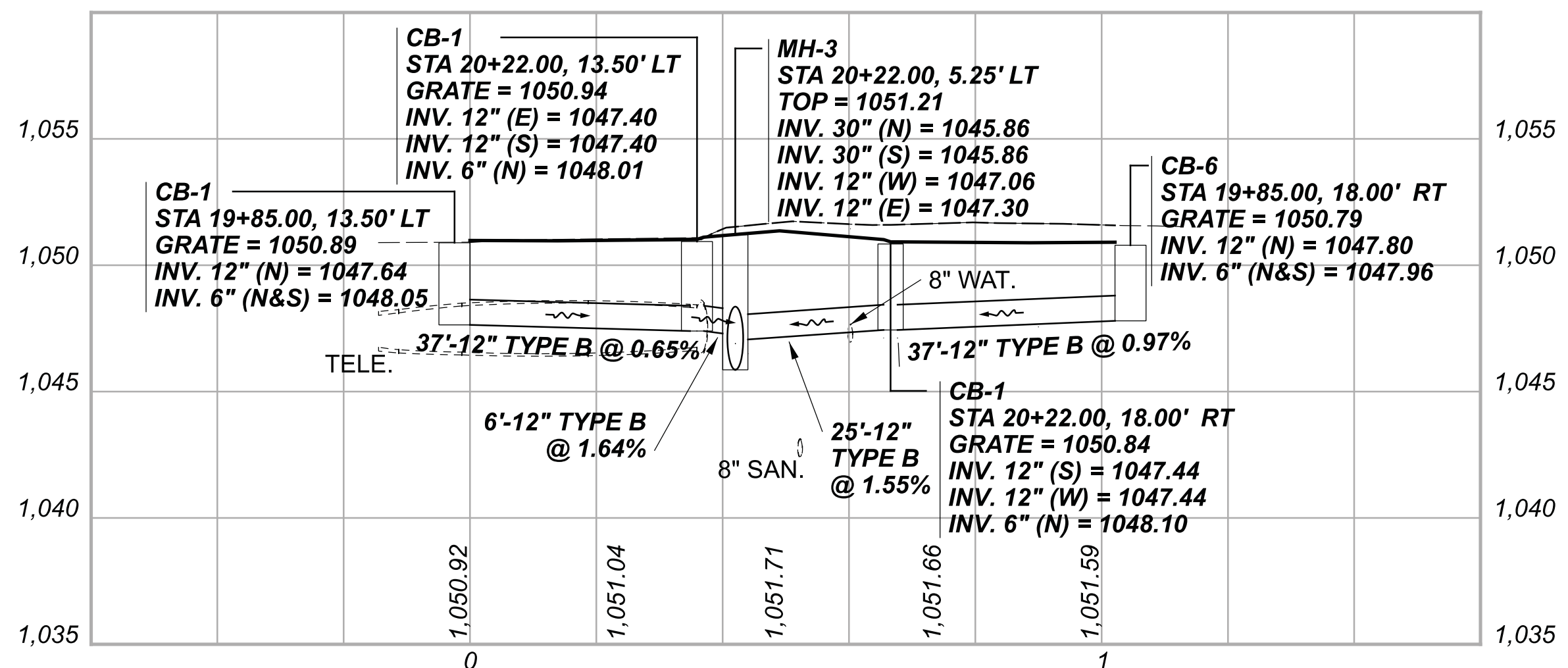
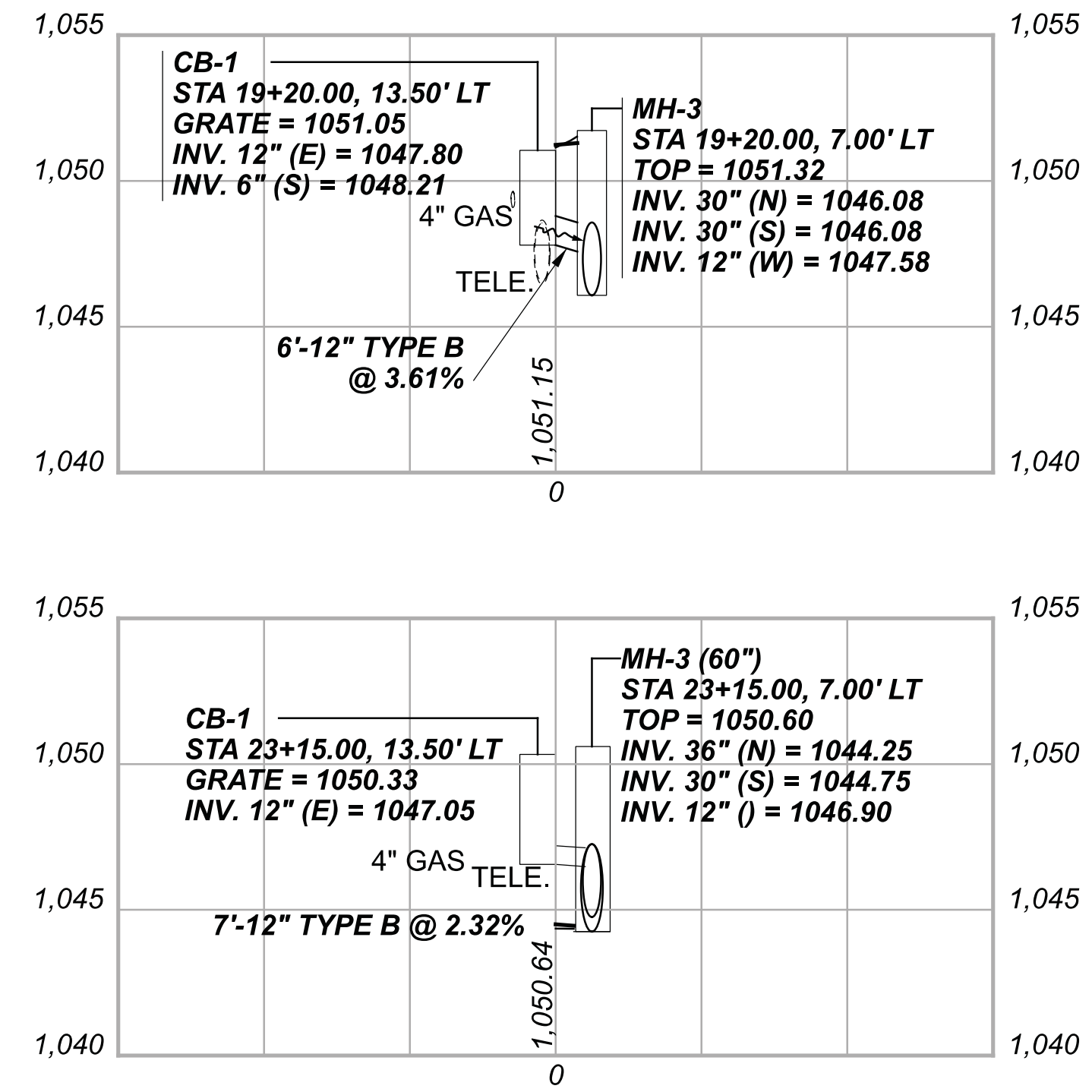
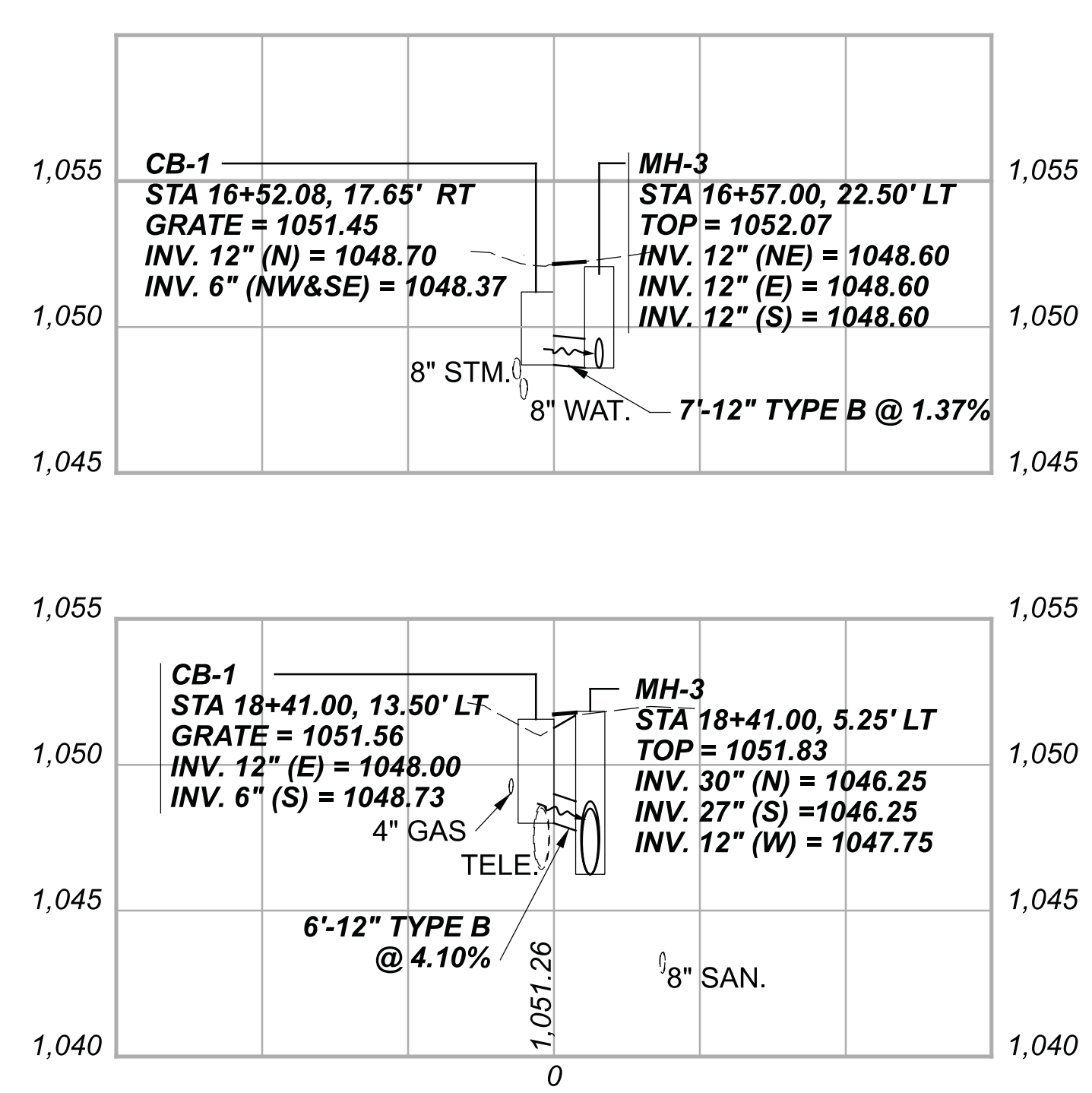
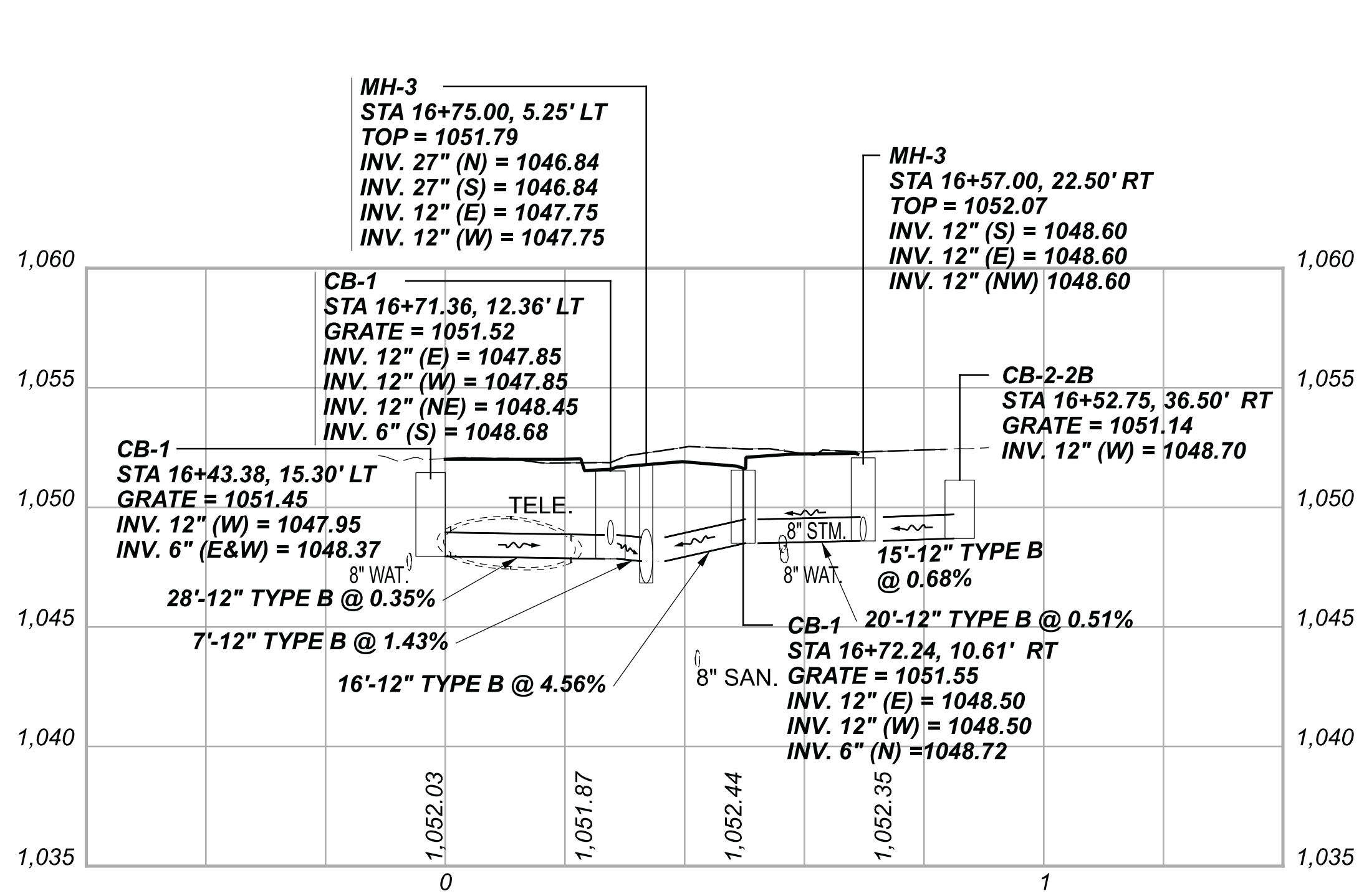
112019

SHEET TOTAL

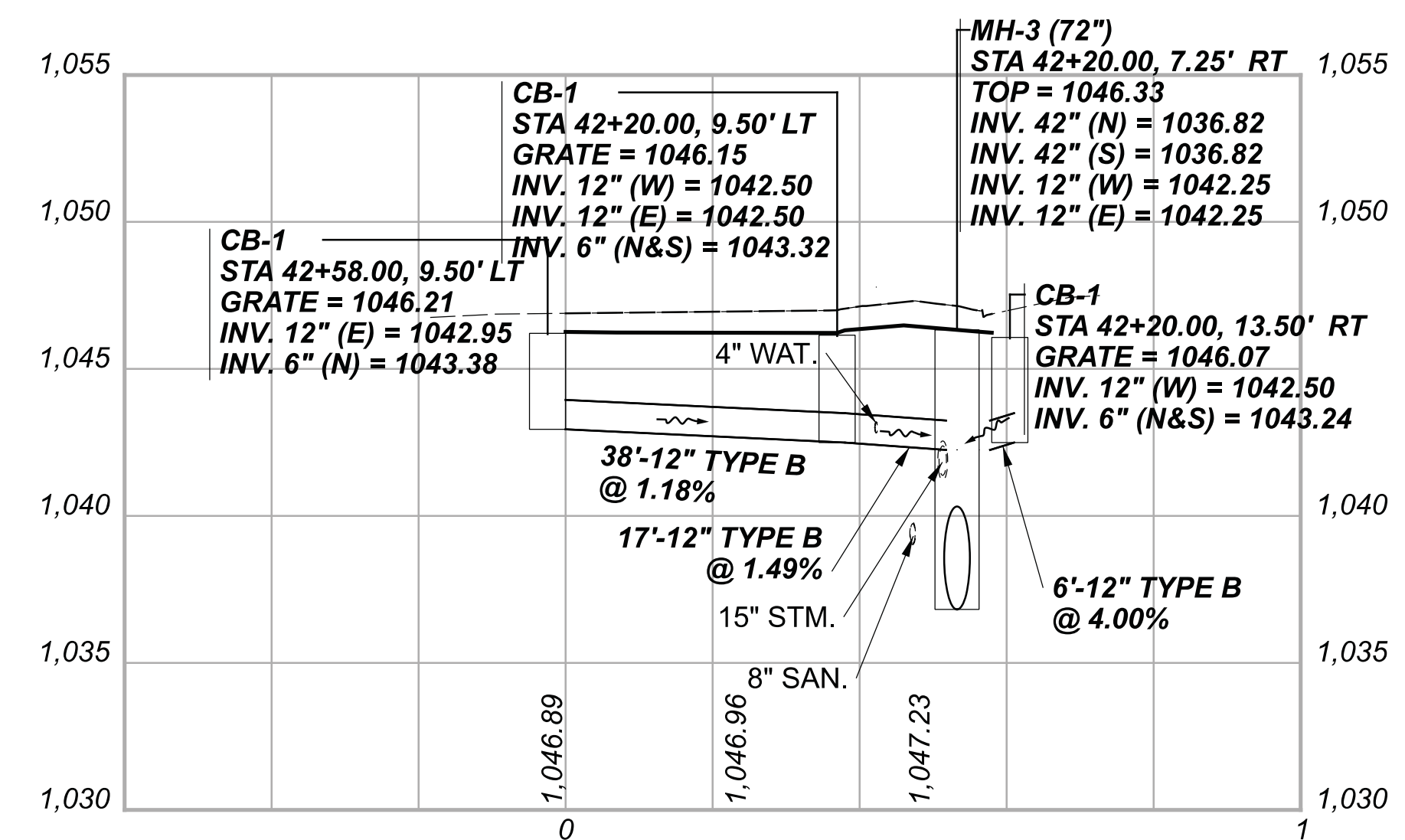
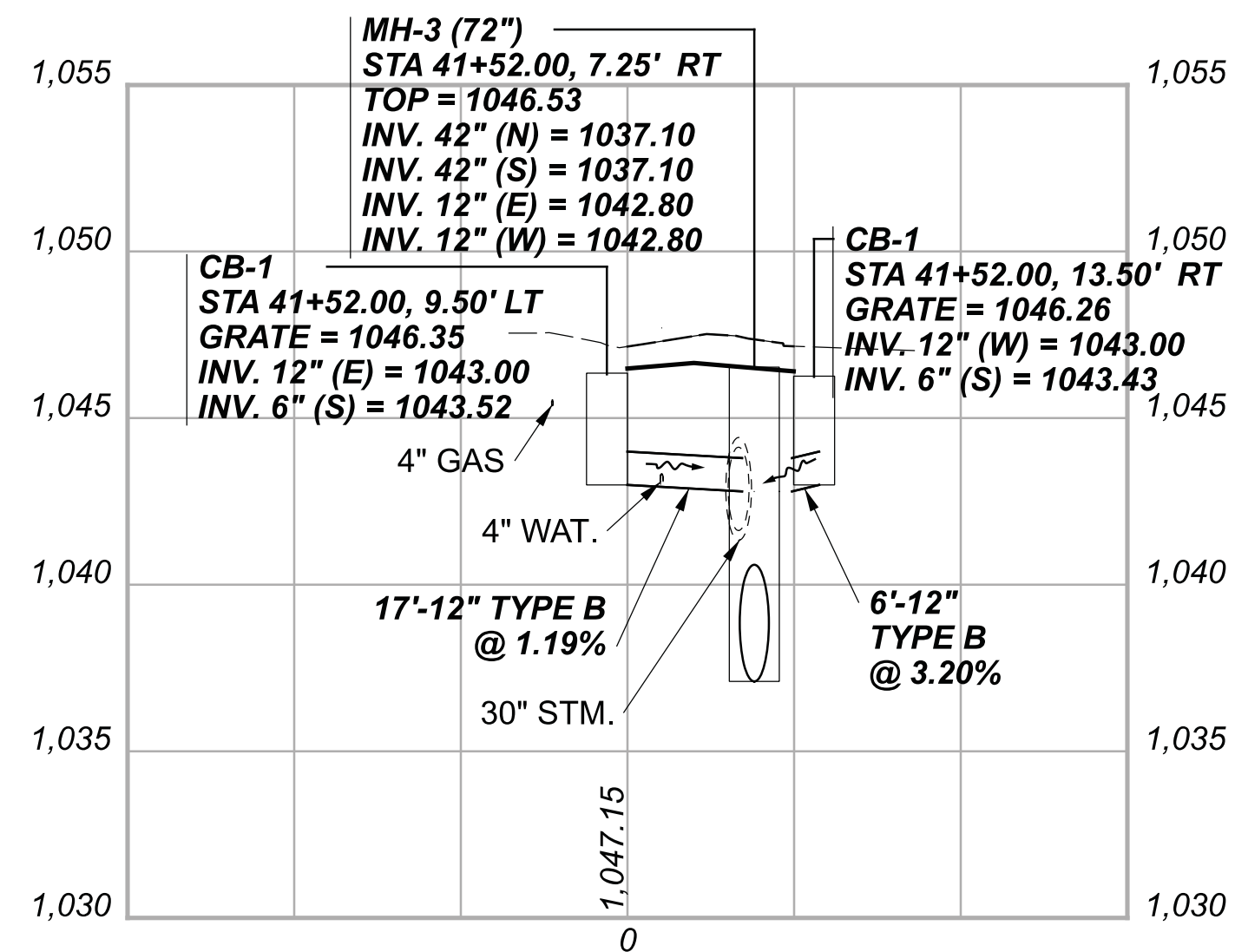
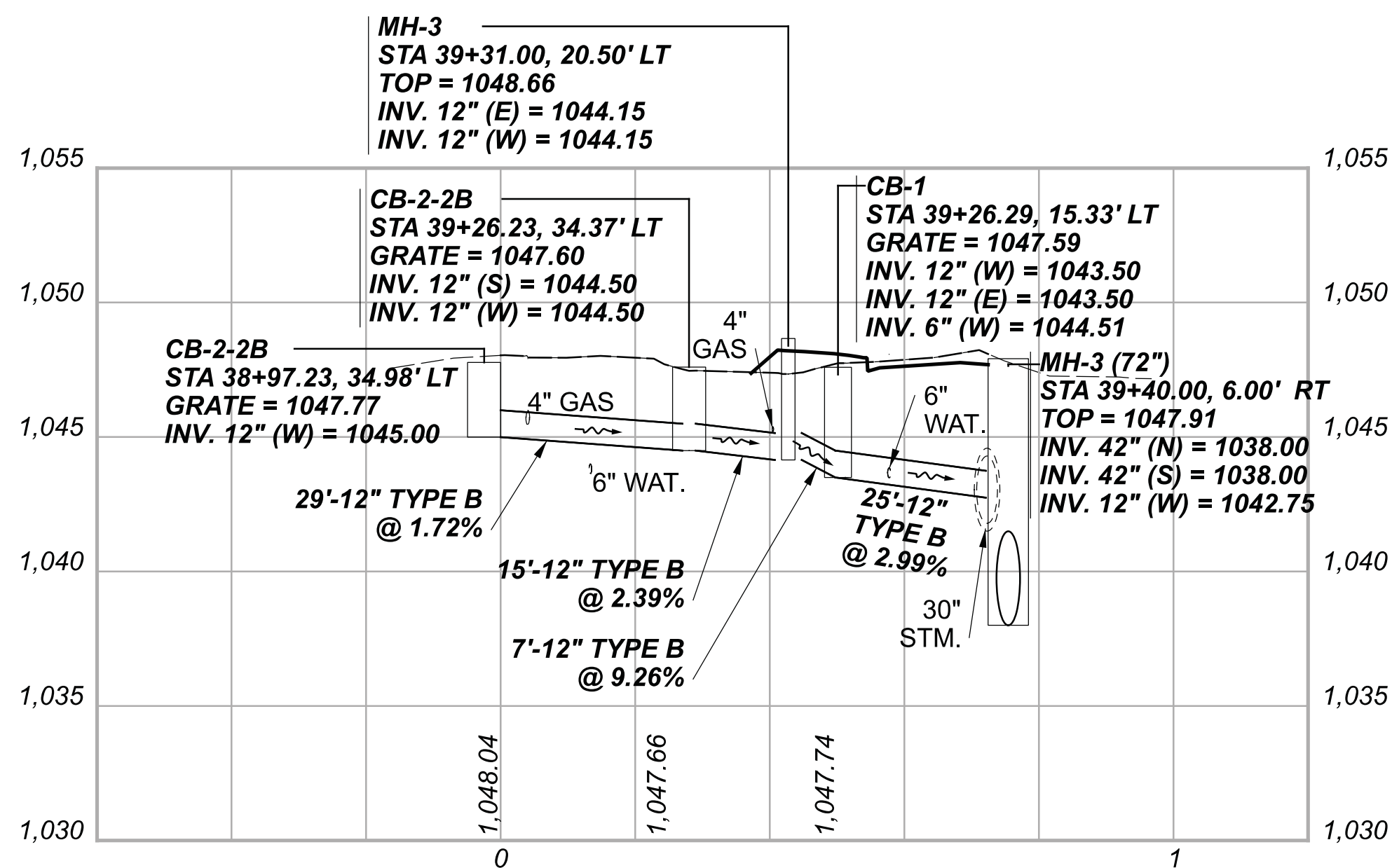
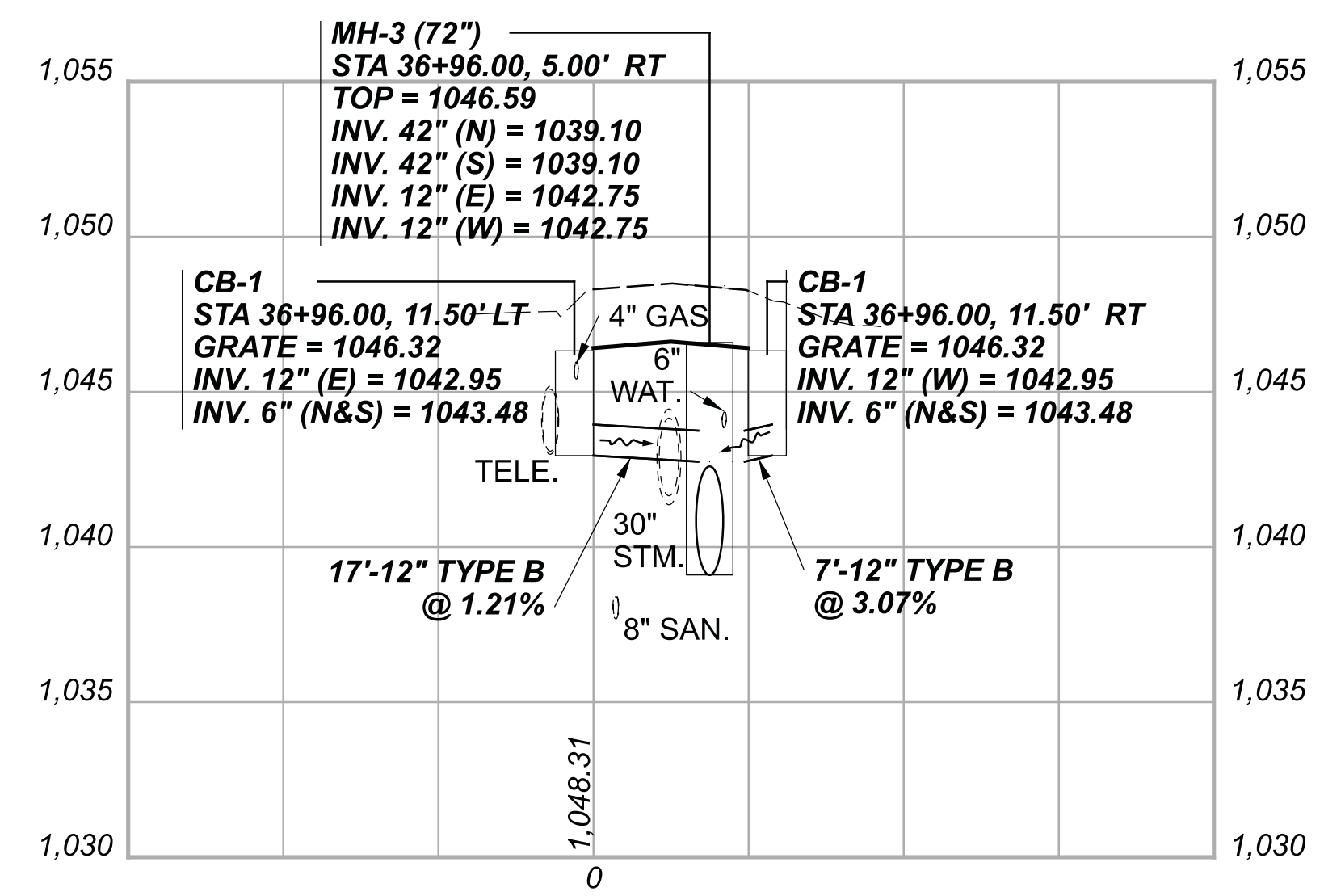
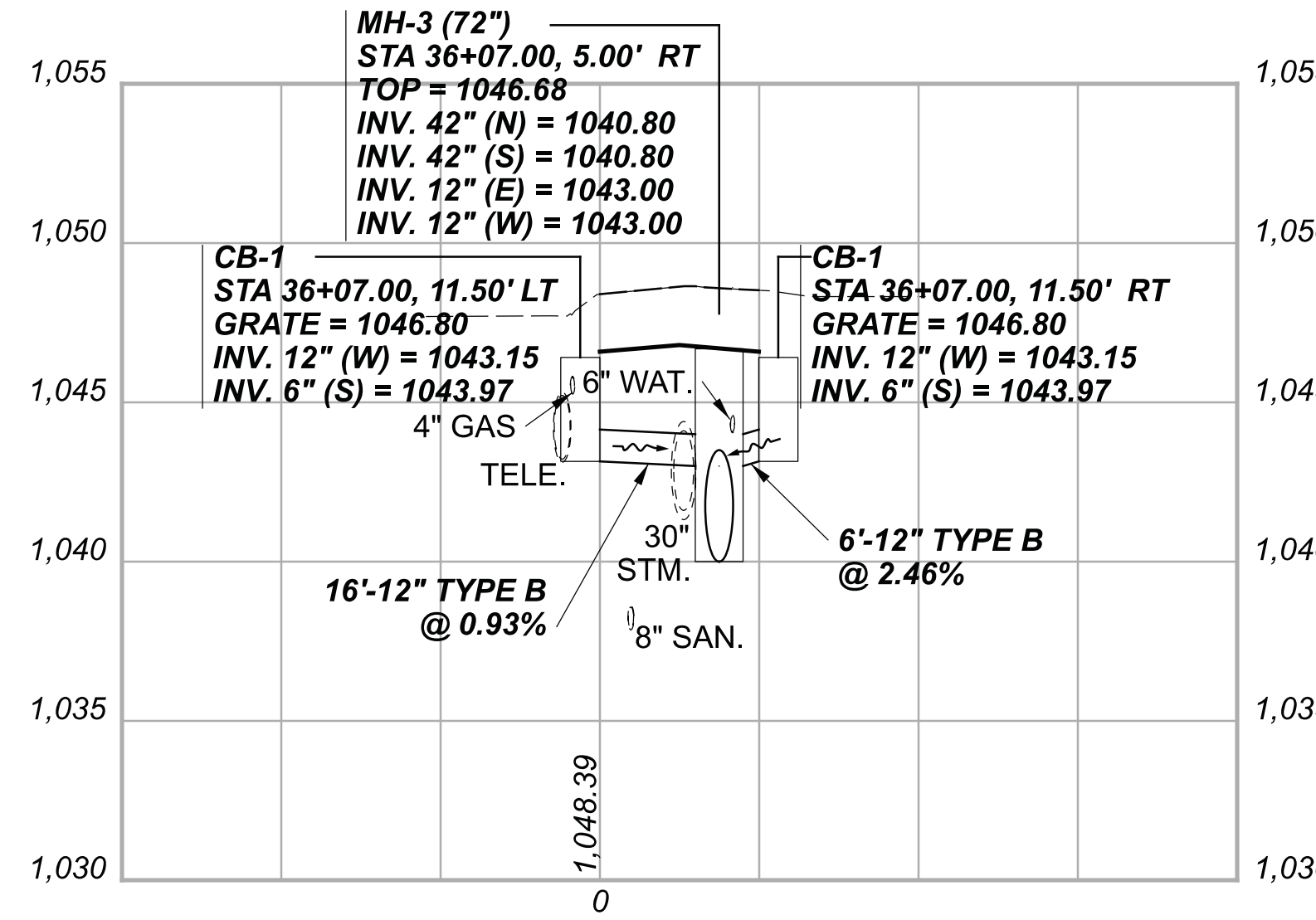
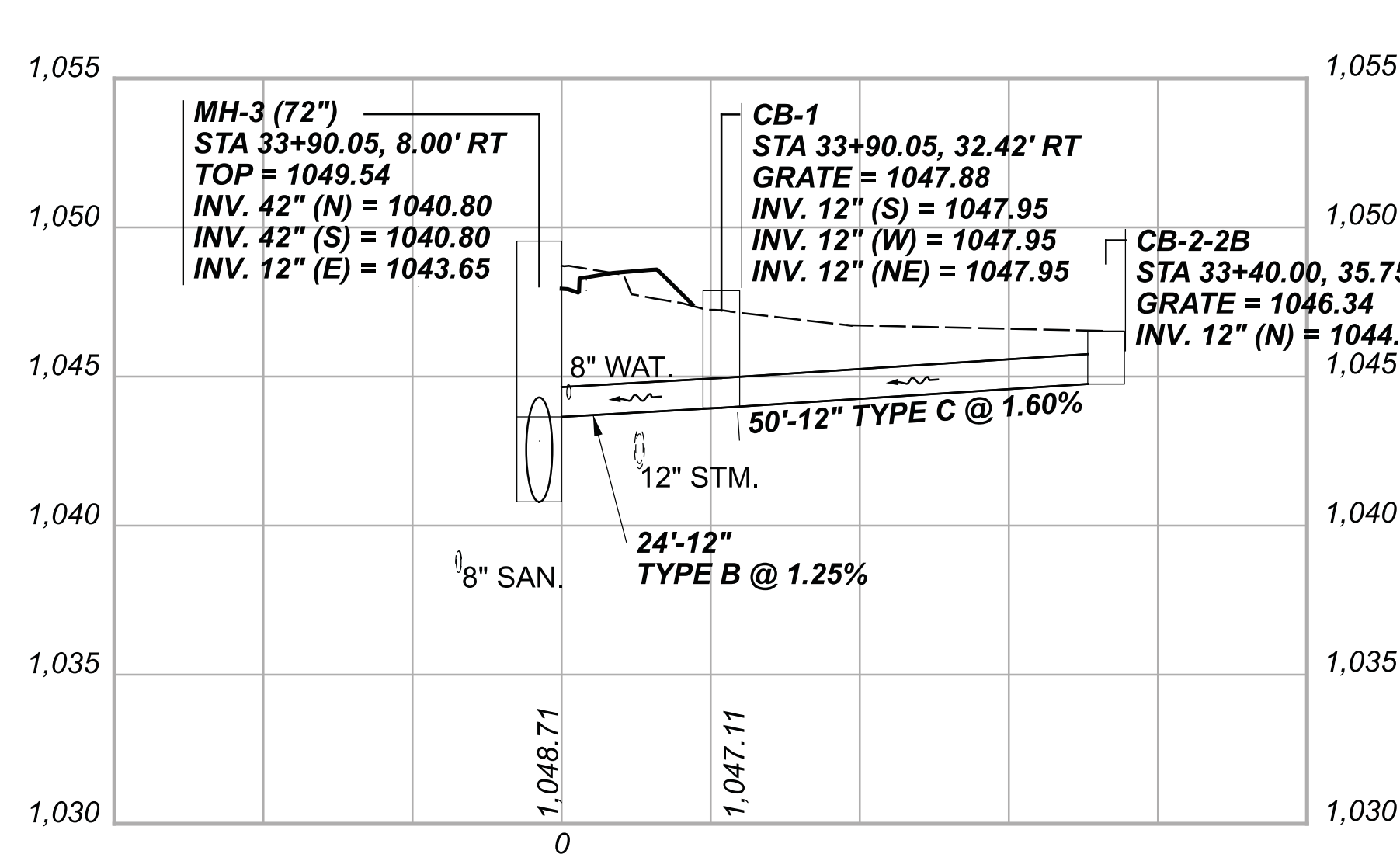
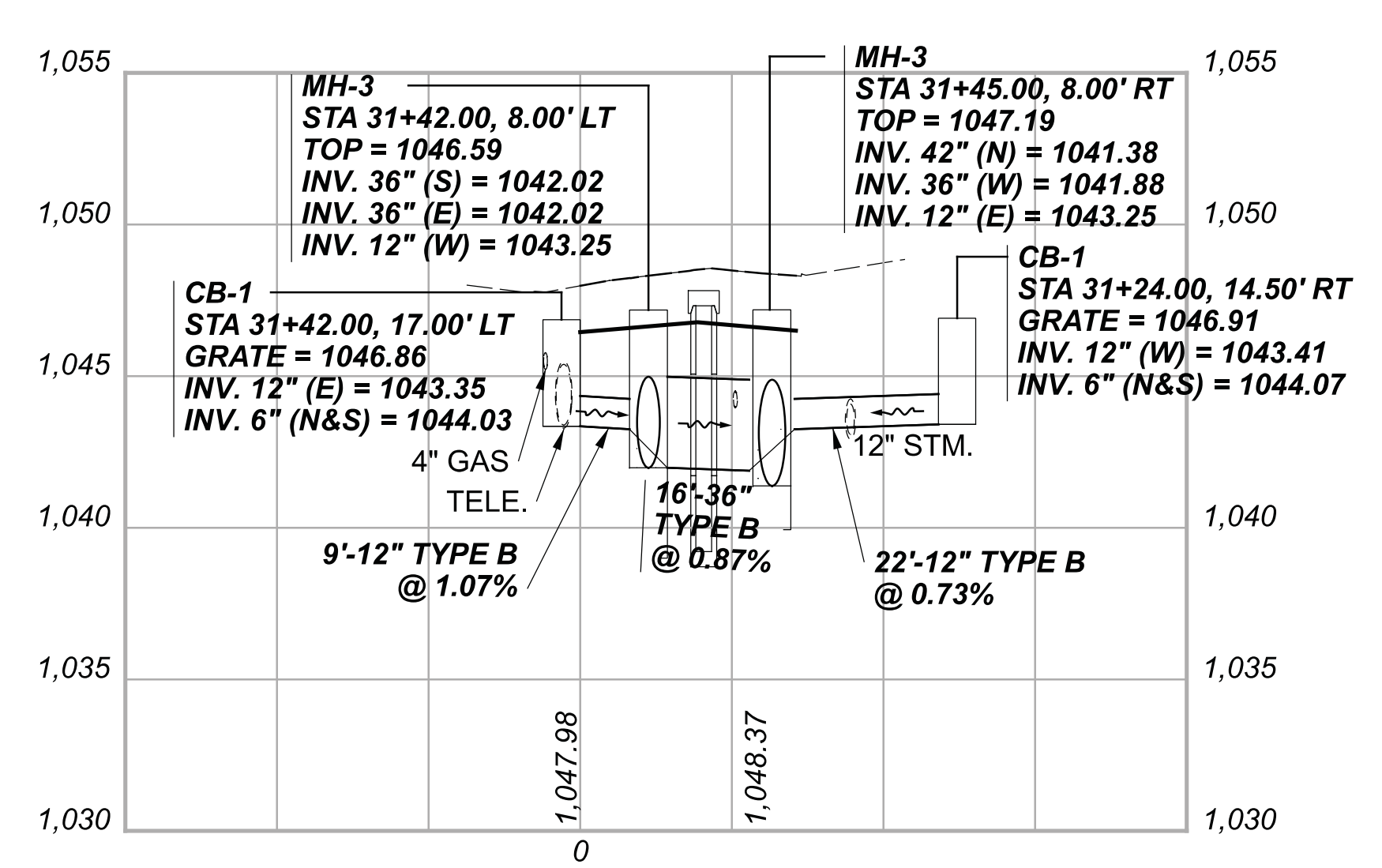
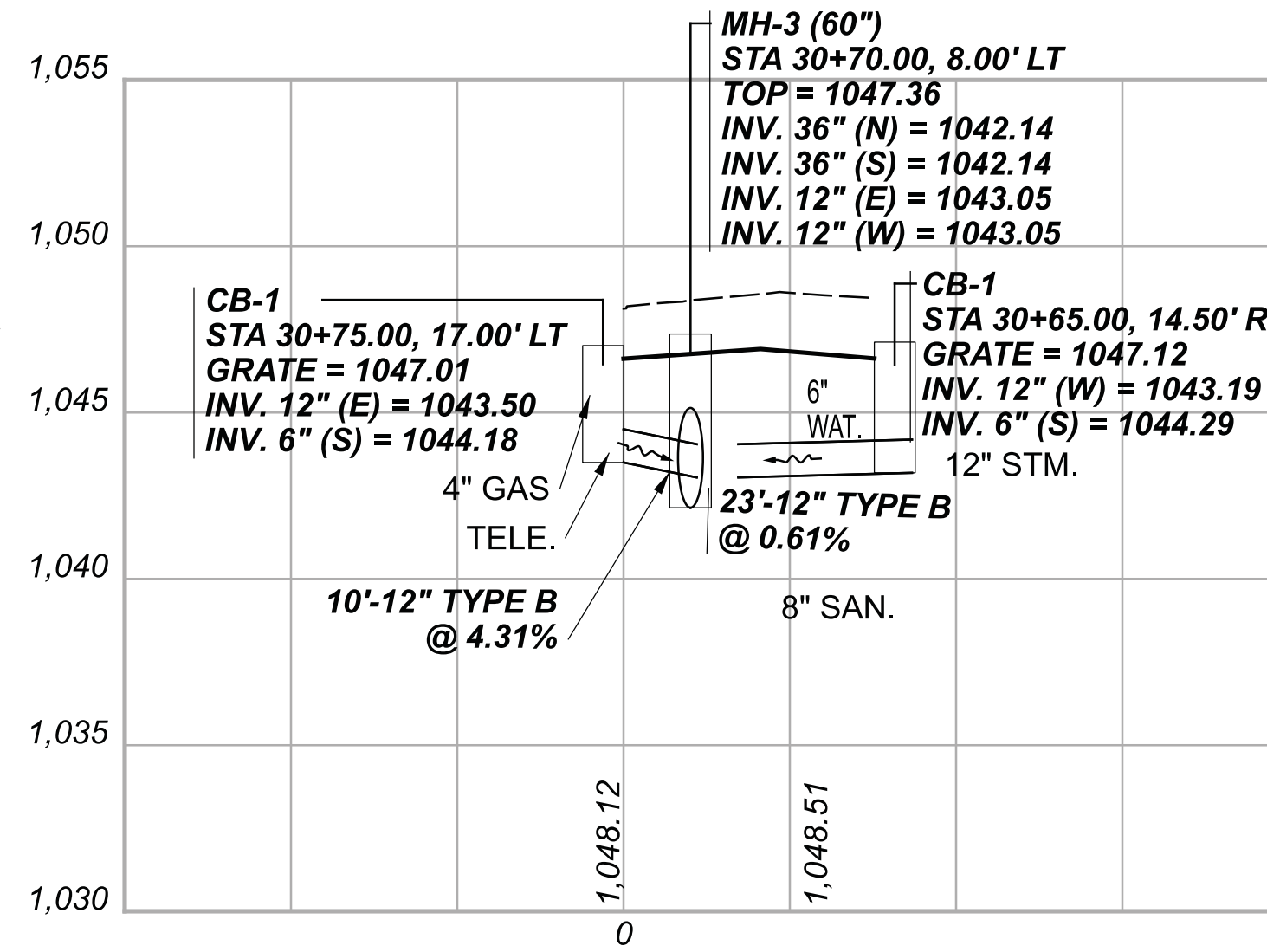
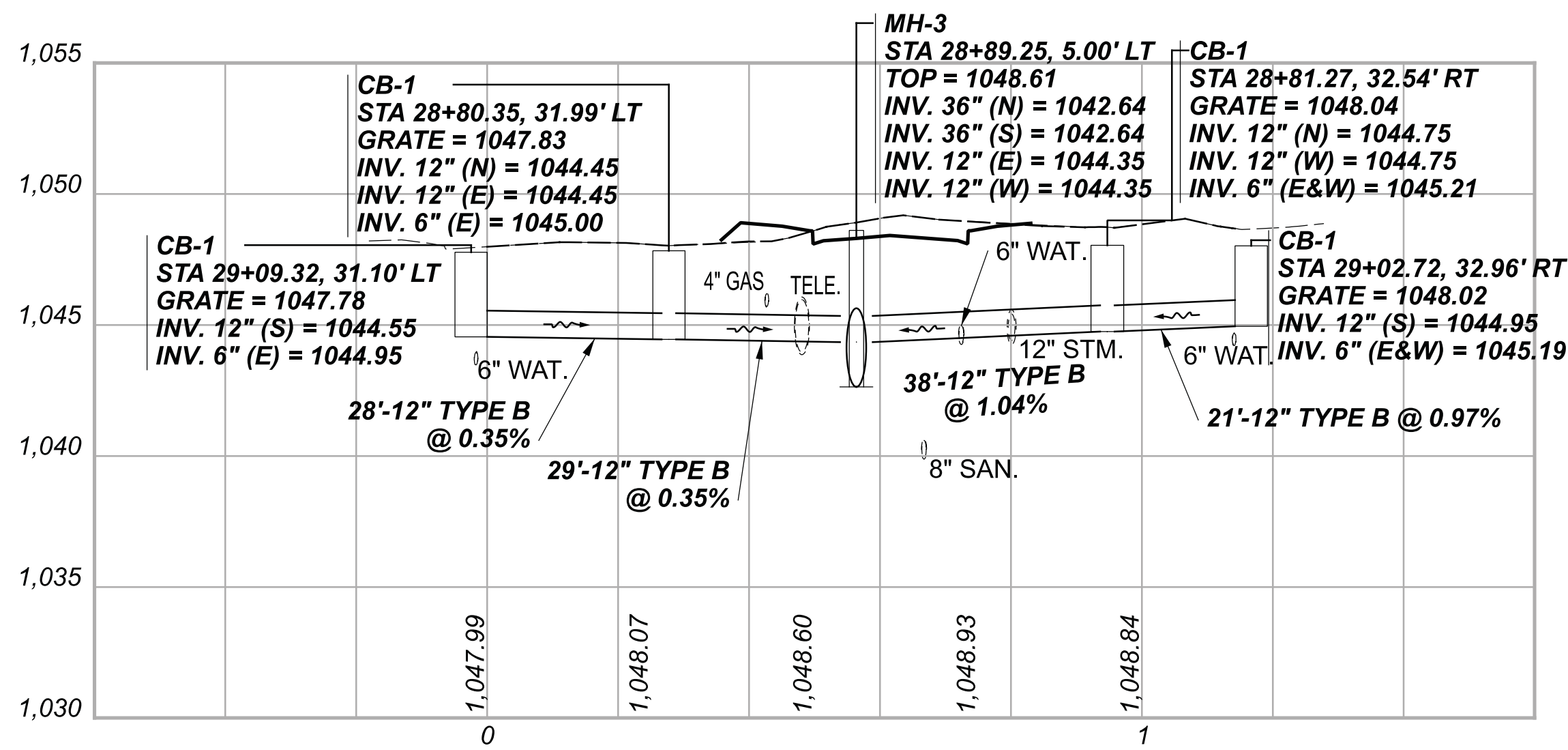
110 222

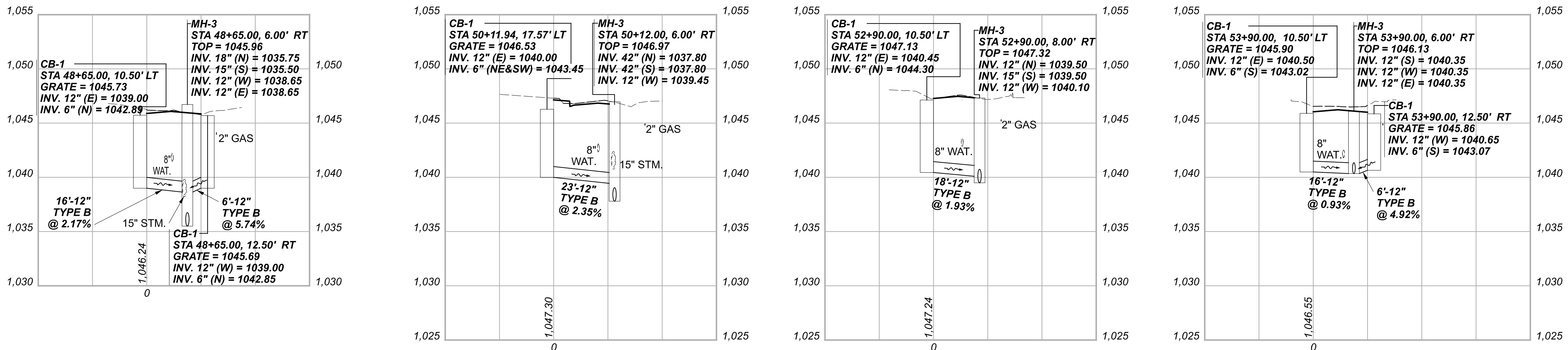
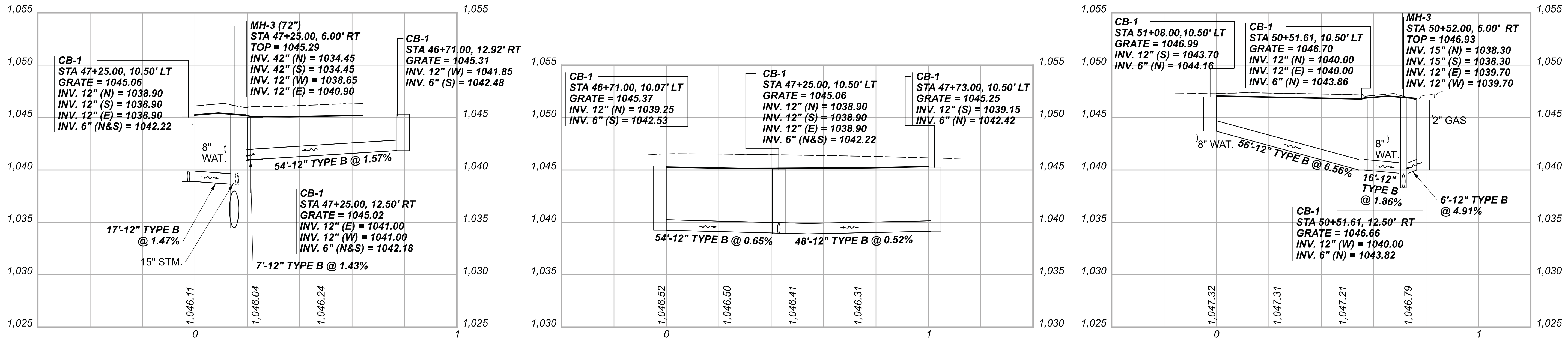
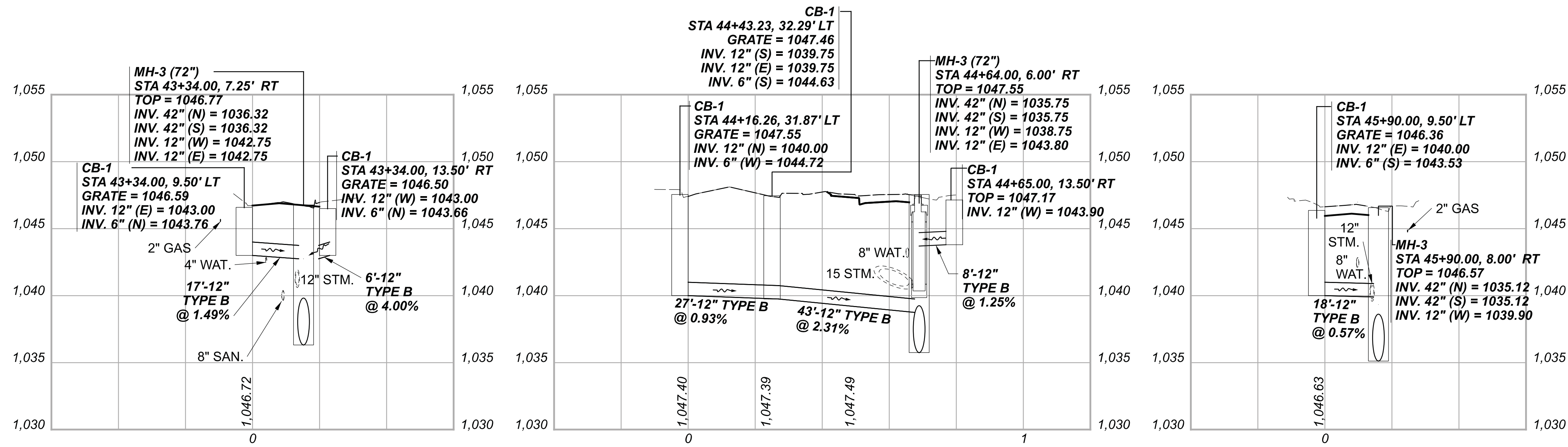


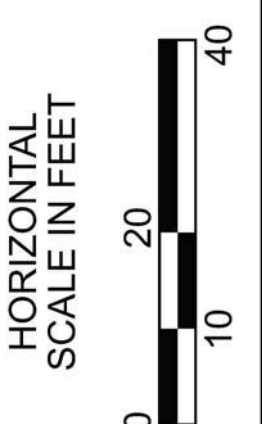
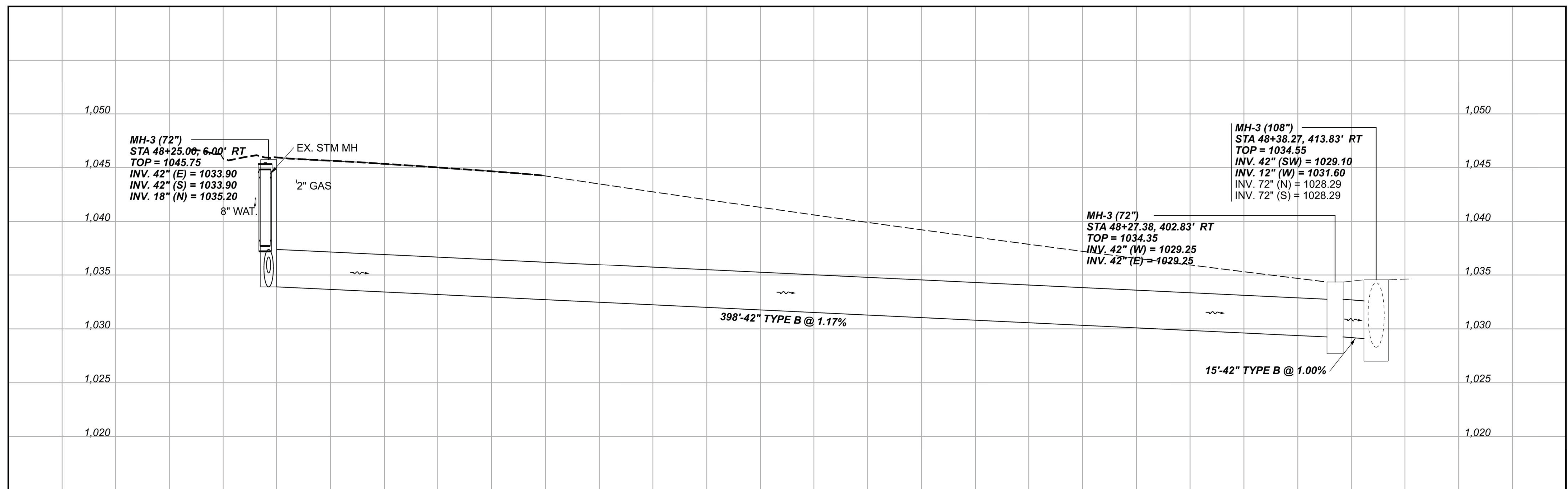
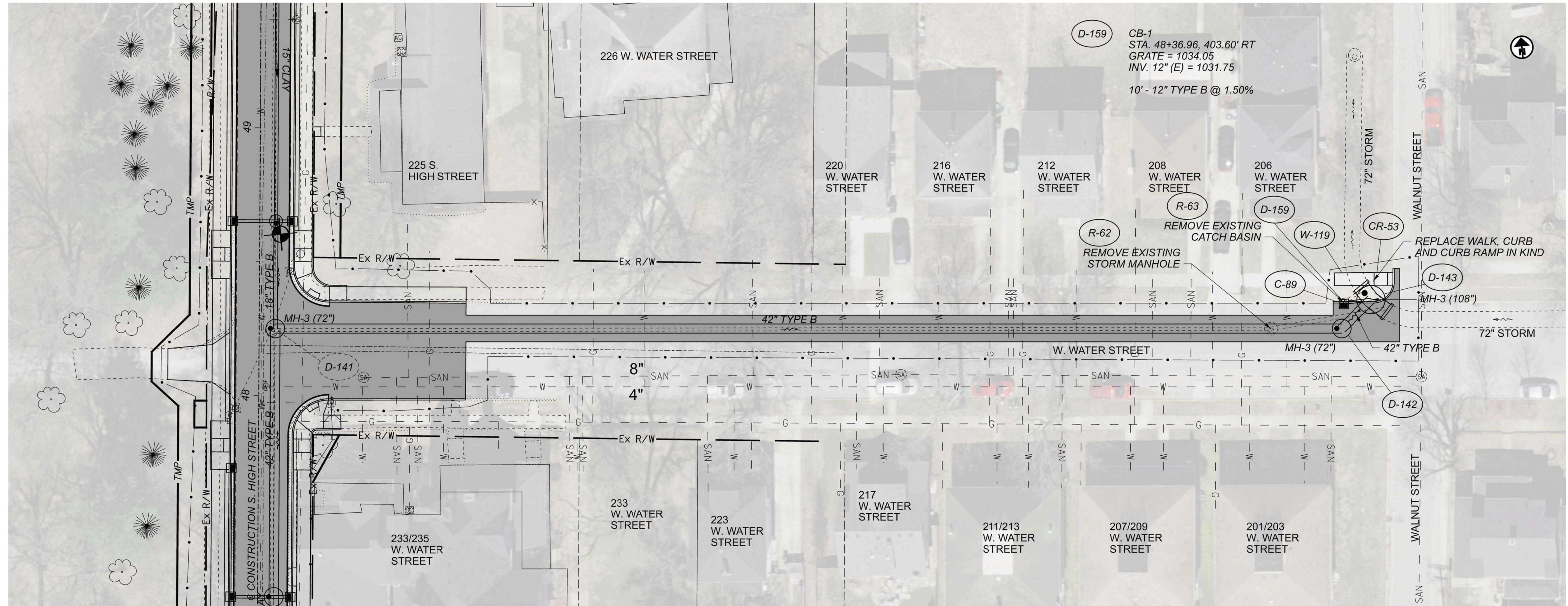
STORM SEWER PROFILES  
STA. 11+29.00 TO STA. 16+18.00











STORM SEWER PLAN AND PROFILE  
 W. WATER STREET

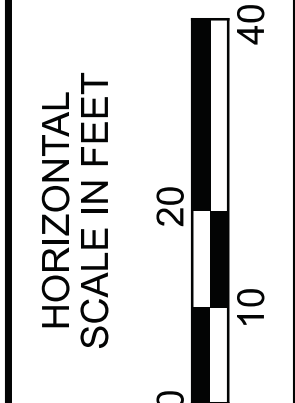
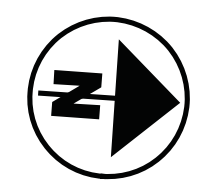
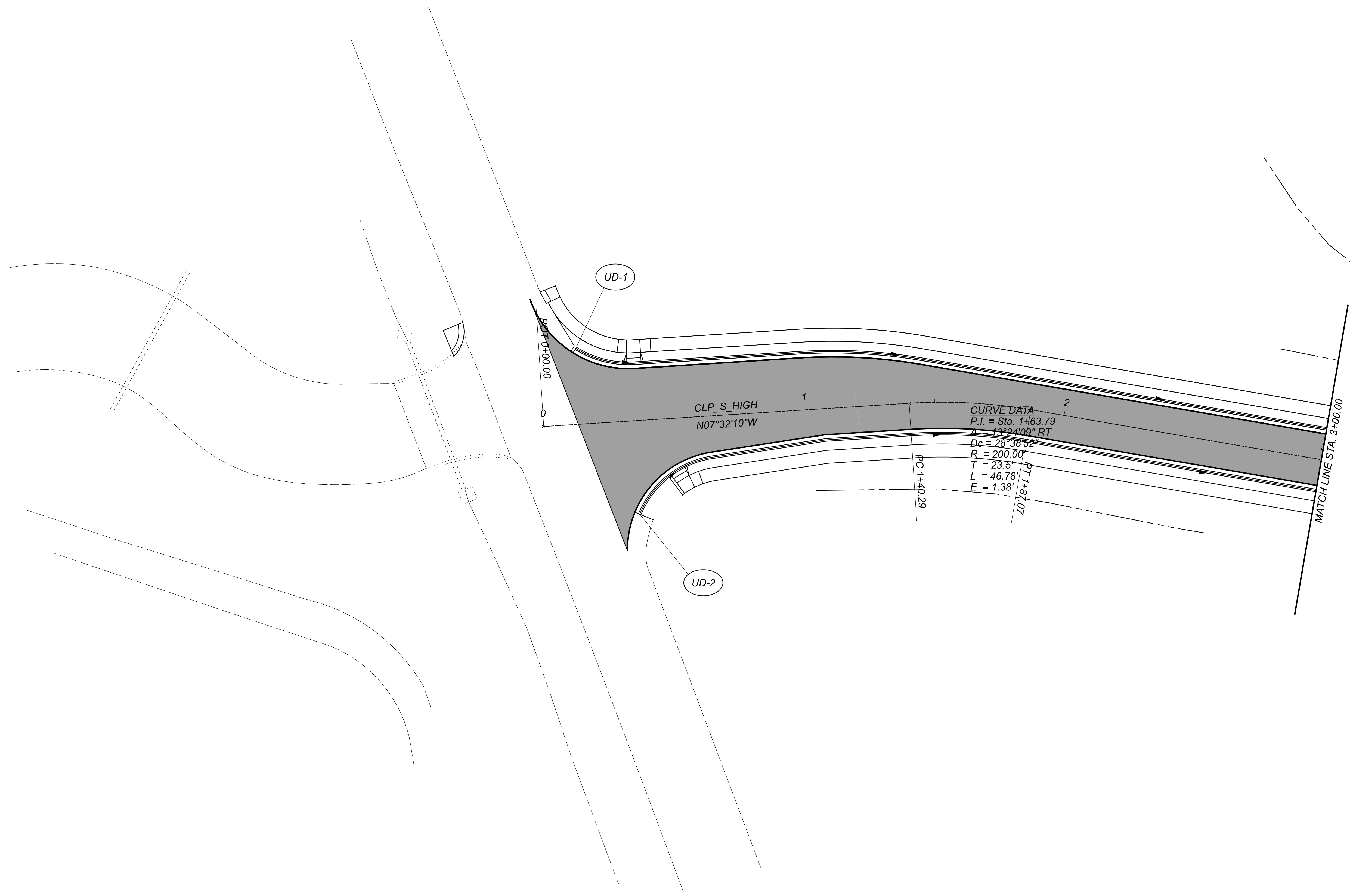
DESIGN AGENCY



DESIGNER	BMG
REVIEWER	MAG
PROJECT ID	112019
SHEET TOTAL	115 222

**CHP-S. HIGH STREET**

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**UNDERDRAIN DETAILS**  
 STA. 0+00.00 TO STA. 3+00.00

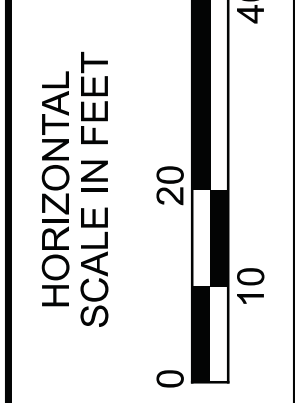
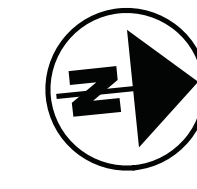
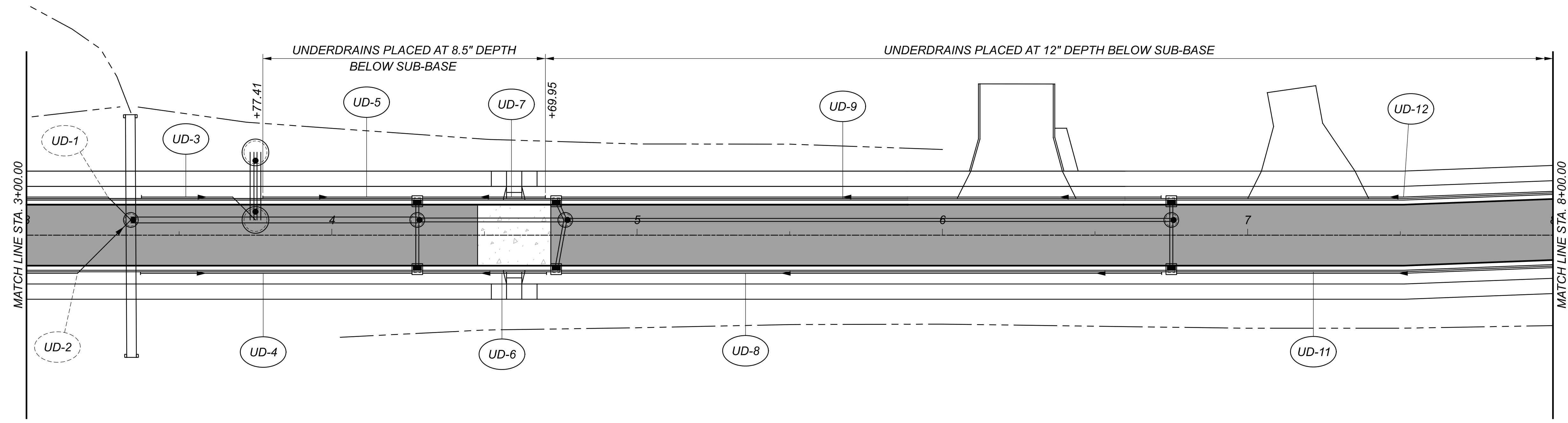
DESIGN AGENCY



DESIGNER	SJM
REVIEWER	MAG 02/27/23
PROJECT ID	112019
SHEET	TOTAL
116	222

**CHP-S. HIGH STREET**

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**UNDERDRAIN DETAILS**  
 STA. 3+00.00 TO STA. 8+00.00

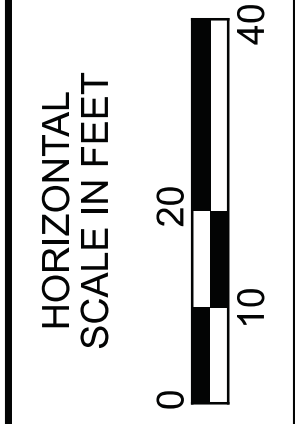
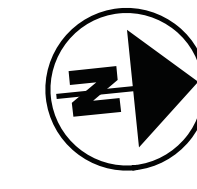
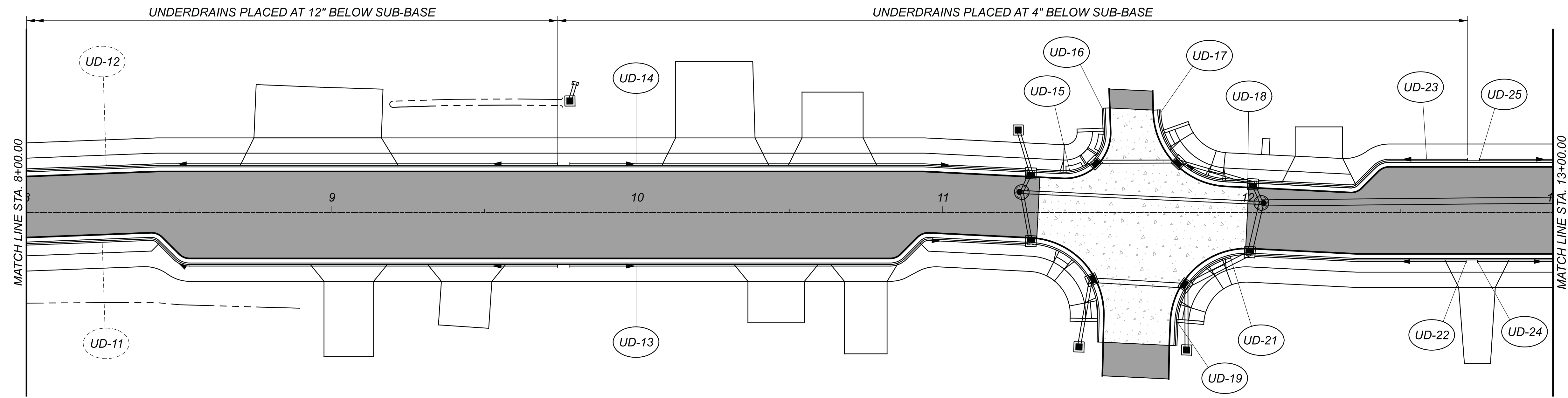
DESIGN AGENCY



DESIGNER	SJM
REVIEWER	MAG 02/27/23
PROJECT ID	112019
SHEET	TOTAL
117	222

CHP-S. HIGH STREET

MODEL: I12019\_DP003 PAPER SIZE: 34x22 (in.) DATE: 3/30/2023 TIME: 12:34:46 PM USER: bgressel  
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UNDERDRAIN DETAILS  
STA. 8+00.00 TO STA. 13+00.00

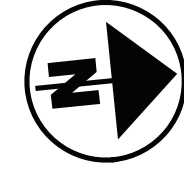
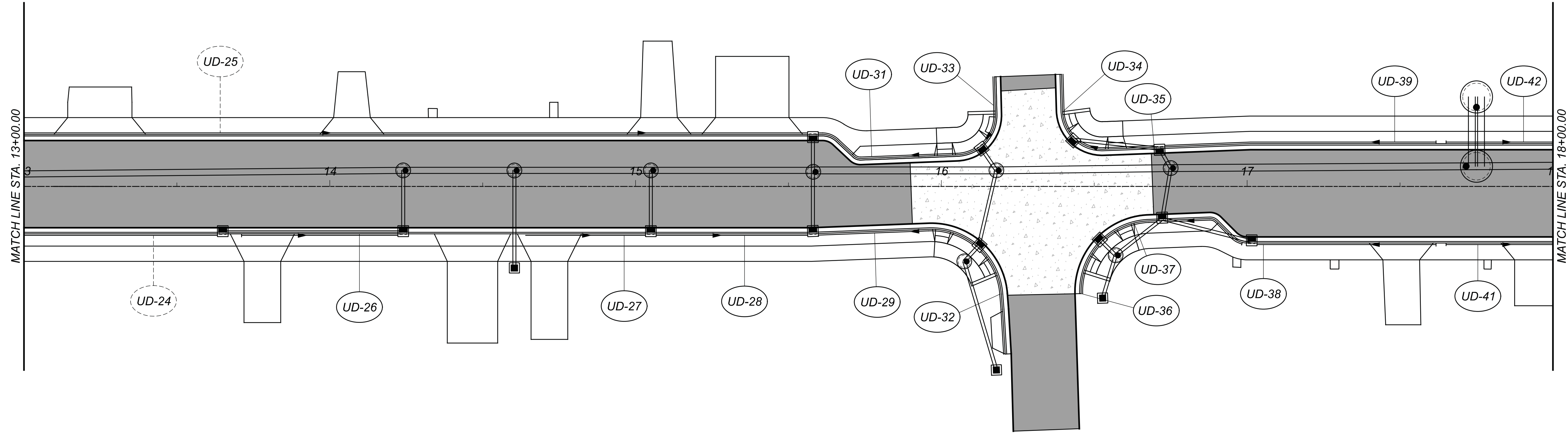
DESIGN AGENCY



DESIGNER	SJM
REVIEWER	MAG 02/27/23
PROJECT ID	112019
SHEET	TOTAL
118	222

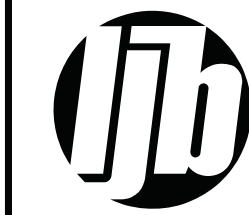
CHP-S. HIGH STREET

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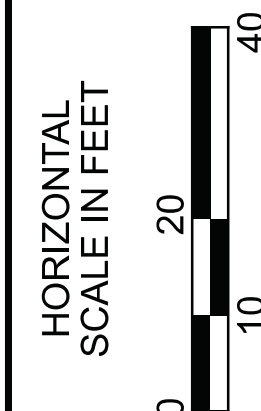


UNDERDRAIN DETAILS  
STA. 13+00.00 TO STA. 18+00.00

DESIGN AGENCY

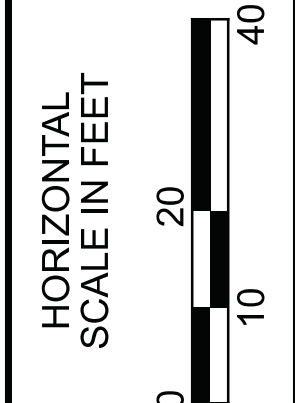
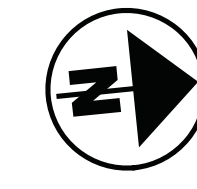
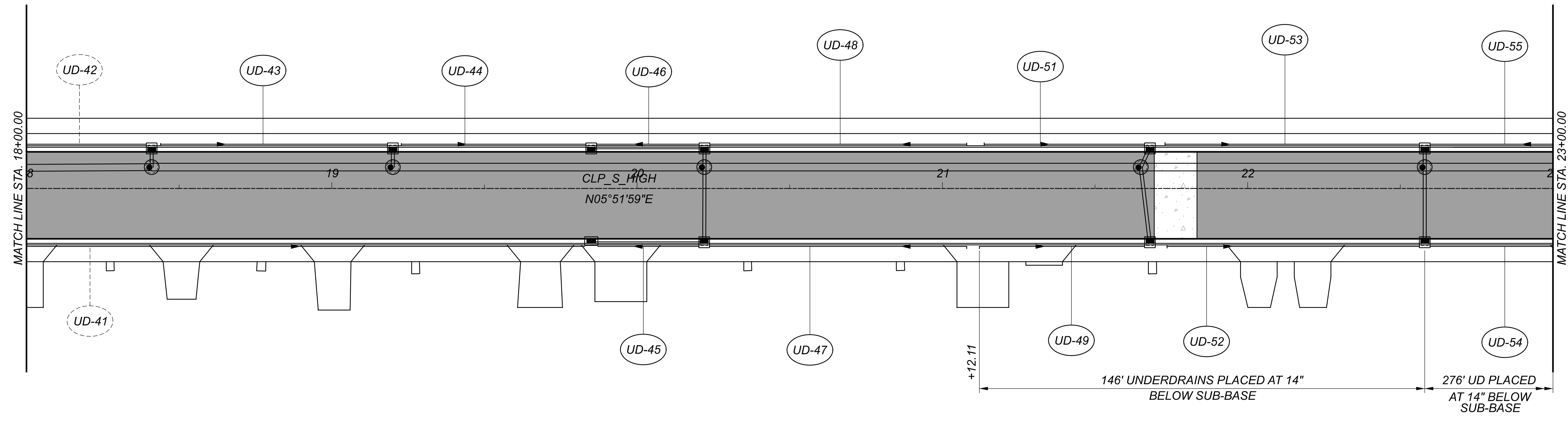


DESIGNER	SJM
REVIEWER	MAG 02/27/23
PROJECT ID	112019
SHEET	TOTAL
119	222



CHP-S. HIGH STREET

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UNDERDRAIN DETAILS  
 STA. 18+00.00 TO STA. 23+00.00

DESIGN AGENCY

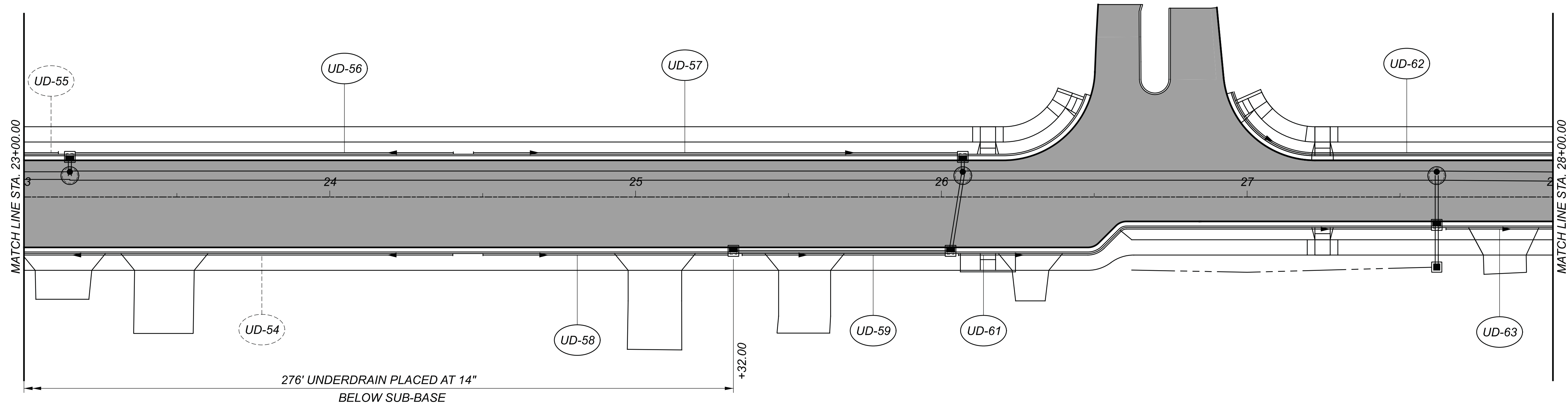


DESIGNER	SJM
REVIEWER	MAG 02/27/23
PROJECT ID	112019
SHEET	TOTAL
120	222



CHP-S. HIGH STREET

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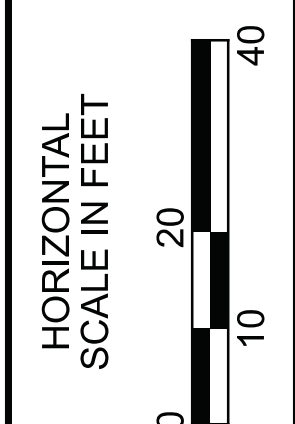


UNDERDRAIN DETAILS  
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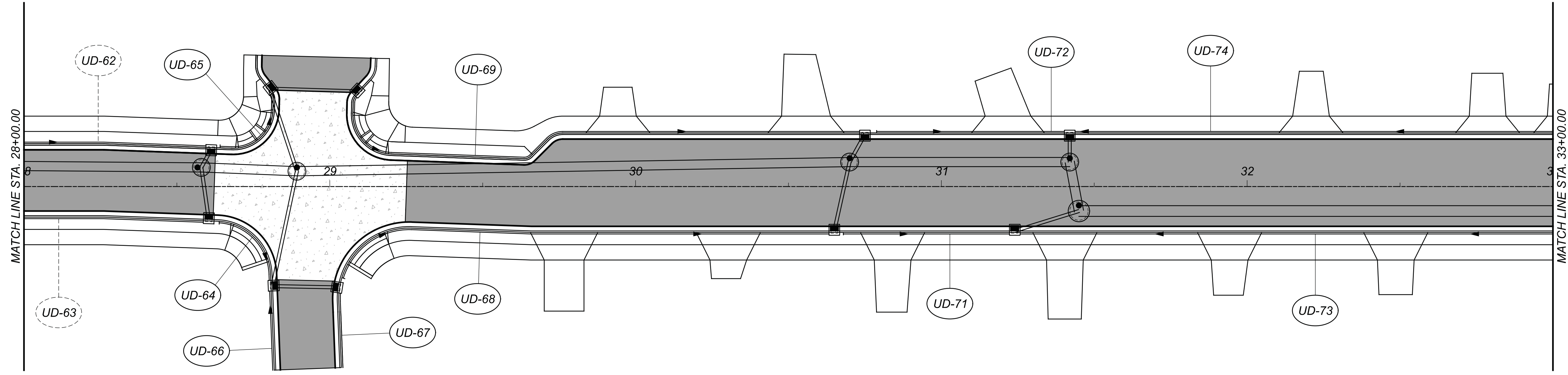


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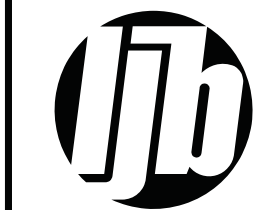


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PROJECT ID

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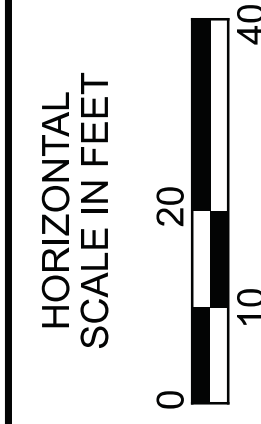
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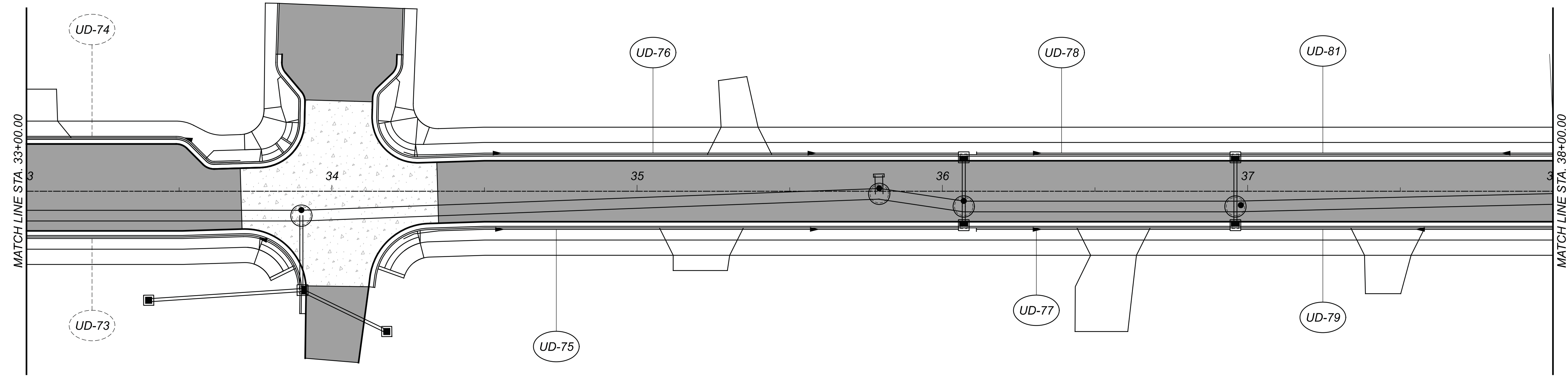
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UNDERDRAIN DETAILS  
STA. 28+00.00 TO STA. 33+00.00



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DESIGNER

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REVIEWER

MAG 02/27/23

PROJECT ID

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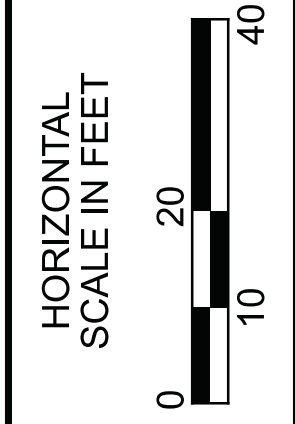
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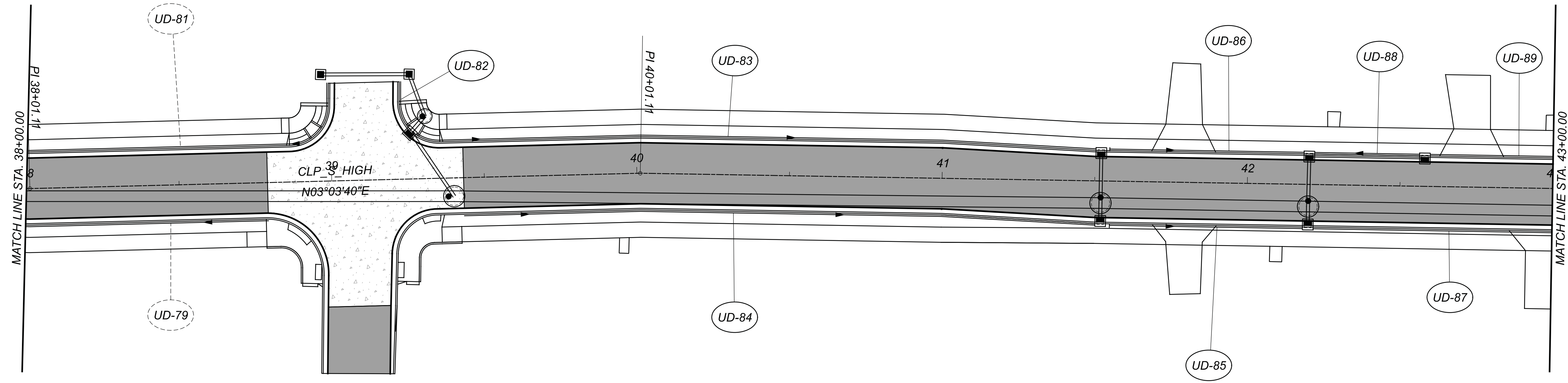
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UNDERDRAIN DETAILS  
STA. 33+00.00 TO STA. 38+00.00

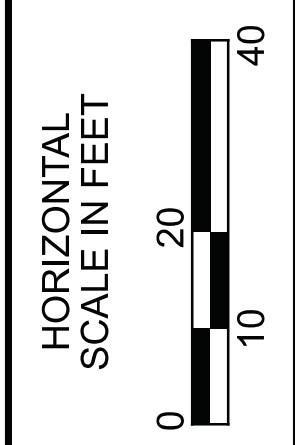


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UNDERDRAIN DETAILS  
 STA. 38+00.00 TO STA. 43+00.00



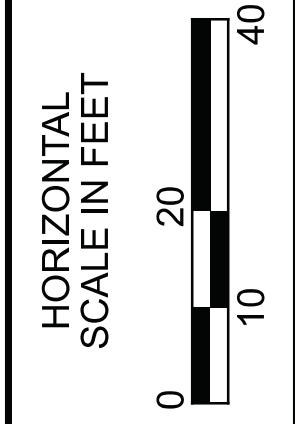
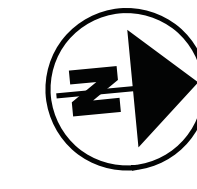
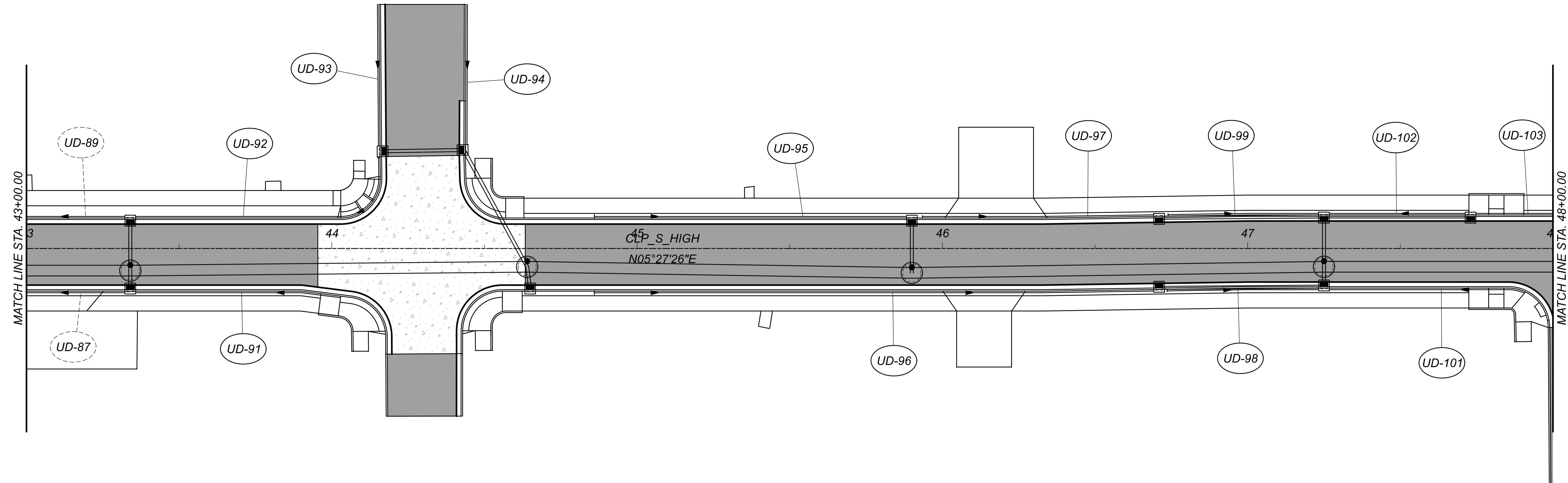
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DESIGNER	SJM
REVIEWER	MAG 02/27/23
PROJECT ID	112019
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CHP-S. HIGH STREET

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UNDERDRAIN DETAILS  
 STA. 43+00.00 TO STA. 48+00.00

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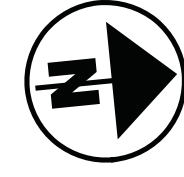
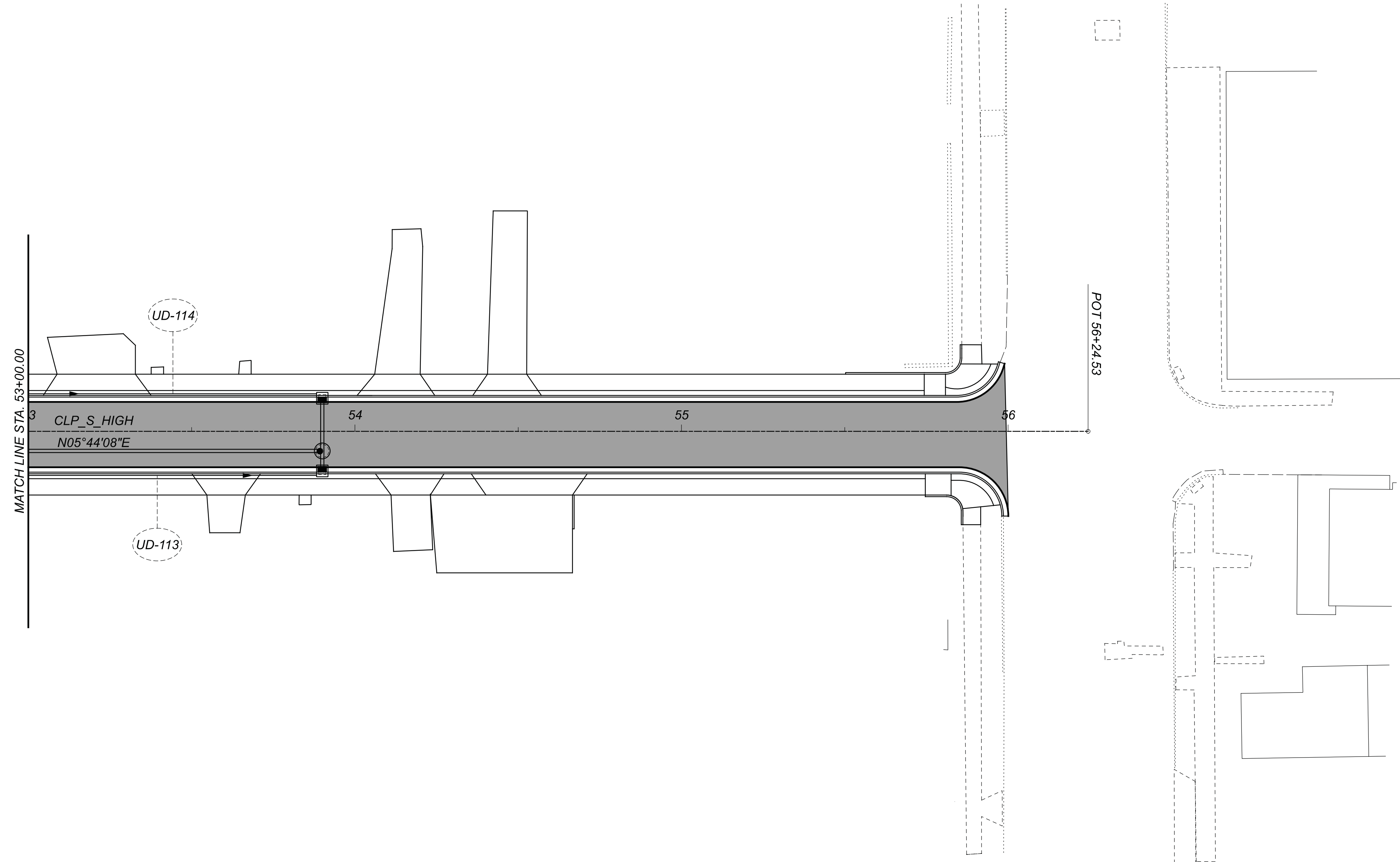


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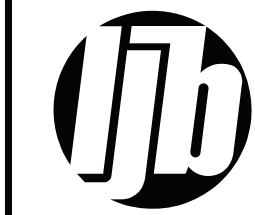


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DESIGN AGENCY



DESIGNER

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REVIEWER

MAG 02/27/23

PROJECT ID

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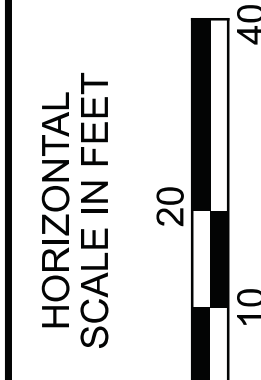
SHEET

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TOTAL

222

## UNDERDRAIN DETAILS STA. 53+00.00 TO STA. 56+01.64



HORIZONTAL  
SCALE IN FEET

**LOW PRESSURE AIR TEST**

**A.** AFTER BACKFILLING, THE AIR TEST SHALL BE CONDUCTED BETWEEN TWO CONSECUTIVE MANHOLES. ALL PIPE OUTLETS MUST BE PLUGGED IN THE SECTION BEING TESTED WITH SUITABLE TEST PLUGS. ONE OF THE PLUGS USED AT A MANHOLE MUST BE TAPPED AND EQUIPPED FOR AN AIR INLET CONNECTION FOR FILLING THE LINE FROM THE AIR COMPRESSOR. AIR SHALL BE SUPPLIED SLOWLY TO THE TEST SECTION UNTIL THE INTERNAL PRESSURE REACHES APPROXIMATELY 4 PSI. IF THE PIPE IS BELOW EXISTING GROUNDWATER LEVEL, THE INTERNAL PRESSURE SHALL BE INCREASED BY THE AVERAGE BACK PRESSURE OF ANY GROUNDWATER THAT MAY BE OVER THE PIPE, BUT IN NO CASE SHOULD THE INTERNAL PRESSURE EVER EXCEED 5 PSI.

**B.** AT LEAST 2 MINUTES SHALL BE ALLOWED FOR THE AIR PRESSURE TO STABILIZE. WHEN THE PRESSURE HAS STABILIZED AND IS AT OR ABOVE 3.5 PSI, THE AIR SUPPLY SHALL BE DISCONNECTED AND TIMING SHALL BEGIN WITH A STOP WATCH. THE STOP WATCH SHALL BE ALLOWED TO RUN UNTIL THE PRESSURE HAS DROPPED 1.0 PSI. IF THE TIME SHOWN ON THE STOP WATCH IS GREATER THAN THE SPECIFIED MINIMUM TIME, THE SECTION SHALL BE CONSIDERED TO HAVE PASSED THE TEST. TIME MAY BE INTERPOLATED FROM THE FIGURES LISTED BELOW.

PIPE DIA. (IN.)	Time for Longer Length (sec)	Specified Minimum for Length (L) Shown (min:sec)							
		100 FT.	150 FT.	200 FT.	250 FT.	300 FT.	350 FT.	400 FT.	
6	0:54L	5:40	5:40	5:40	5:40	5:40	5:40	5:42	
8	1:520L	7:34	7:34	7:34	7:34	7:36	8:52	10:08	
10	2:374L	9:26	9:26	9:26	9:53	11:52	13:51	15:49	
12	3:418L	11:20	11:20	11:24	14:15	17:05	19:56	22:47	
15	5:342L	14:10	14:10	17:48	22:15	26:42	31:09	35:36	
18	7:692L	17:00	19:13	25:38	32:03	38:27	44:52	51:16	
21	10:470L	19:50	26:10	34:54	43:37	52:21	61:00	69:48	
24	13:674L	22:47	34:11	45:34	56:58	68:22	79:46	91:10	

**SPECIFICATION TIME FOR LENGTH (L) SHOWN (MIN-SEC)**

\*ALL TESTS SHALL BE WITNESSED BY A CITY OF URBANA ENGINEERING DEPARTMENT REPRESENTATIVE.

**DEFLECTION TEST**

**A.** DEFLECTION TESTS SHALL BE PERFORMED BY THE CONTRACTOR ON ALL FLEXIBLE PIPE. THE TEST SHALL BE CONDUCTED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AT LEAST 30 DAYS TO PERMIT STABILIZATION OF THE SOIL-PIPE SYSTEM.

**B.** NO PIPE SHALL EXCEED A DEFLECTION OF 5%. IF DEFLECTION EXCEEDS 5%, REPLACEMENT OR CORRECTION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE REQUIREMENTS OF APPROVING AGENCY.

**C.** THE RIGID BALL OR MANDREL USED FOR THE DEFLECTION TEST SHALL HAVE A DIAMETER NOT LESS THAN 95% OF THE BASE INSIDE DIAMETER OR AVERAGE INSIDE DIAMETER OF THE PIPE DEPENDING ON WHICH IS MANUFACTURED. THE PIPE SHALL BE MEASURED IN COMPLIANCE WITH ASTM D-2122 STANDARD TEST METHOD OF DETERMINING DIMENSIONS OF THERMOPLASTIC PIPE AND FITTINGS. THE TEST SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES.

**MANHOLE VACUUM TEST**

ALL SANITARY SEWER MANHOLES SHALL BE VACUUM TESTED BY THE CONTRACTOR USING THE FOLLOWING PROCEDURES FROM ASTM C-1244.

**A. PREPARATION OF THE MANHOLE**

**1.** ALL LIFT HOLES SHALL BE PLUGGED.  
**2.** ALL PIPES ENTERING THE MANHOLE SHALL BE TEMPORARILY PLUGGED TAKING CARE TO SECURELY BRACE THE PIPES AND PLUGS TO PREVENT THEM FROM BEING DRAWN INTO THE MANHOLE.

**B. PROCEDURE**

**1.** THE FIRST HEAD SHALL BE PLACED AT THE TOP OF THE MANHOLE IN THE CASTING IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

**2.** A VACUUM OF 10" OF MERCURY (4.9 PSI) SHALL BE DRAWN ON THE MANHOLE, THE VALVE ON THE VACUUM LINE OF THE TEST HEAD CLOSED, AND THE VACUUM PUMP SHUT OFF. THE TIME SHALL BE MEASURED FOR THE VACUUM TO DROP TO 9" OF MERCURY (4.4 PSI).

**3.** THE MANHOLE SHALL PASS IF THE TIME FOR THE VACUUM READING TO DROP FROM 10" OF MERCURY (4.9 PSI) TO 9" OF MERCURY (4.4 PSI) MEETS OR EXCEEDS THE VALUES INDICATED ON THE TABLE.

**4.** IF THE MANHOLE FAILS THE INITIAL TEST, NECESSARY REPAIRS SHALL BE MADE BY AN APPROVED METHOD. THE MANHOLE SHALL THEN BE RETESTED UNTIL A SATISFACTORY TEST IS OBTAINED.

DIAMETER, INCHES			
DEPTH (FT.)	48	60	72
8 OR LESS	20	26	33
10	25	33	41
12	30	39	49
14	35	46	57
16	40	52	67
18	45	59	73
20	50	65	81
22	55	72	89
24	59	78	97
26	64	85	105
28	69	91	113
30	74	98	121

**MINIMUM TEST TIMES FOR VARIOUS MANHOLE DIAMETERS**

**CITY OF URBANA**

**SANITARY SEWER TESTING NOTES**

REVISIONS: 09-10-09	DATE APPROVED: 01-13-06
12-20-12	PAGE No. 1167.91

**NOTES**

**A.** NO WORK SHALL BE APPROVED OR ACCEPTED BY THE CITY UNLESS 2 WORKING DAYS NOTICE OF COMMENCING WORK IS GIVEN TO THE CITY.

**B.** ALL TEMPORARY PAVEMENT AND SIDEWALK SHALL BE MAINTAINED BY THE CONTRACTOR OR DEVELOPER AT HIS OWN EXPENSE IN A SUITABLE AND SAFE CONDITION FOR TRAFFIC UNTIL PERMANENT REPLACEMENT IS MADE OR THE PROJECT IS FINALLY ACCEPTED BY THE CITY.

**C.** ROOF DRAINS, FOUNDATION DRAINS, SUMP PUMPS, AND ALL OTHER CLEAR WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED.

**D.** WHEN A SEWER IS TO BE EXTENDED AT THE DOWNSTREAM MANHOLE OR FIRST MANHOLE IN THE NEW LINE, IT SHALL BE PLUGGED BEFORE CONSTRUCTION BEGINS. IF THE SEWER IS SMALLER OR EQUAL TO 12" DIAMETER, IT SHALL BE PLUGGED BY PLACING A POLY-ETHYLENE BAG APPROXIMATELY 6" INTO THE SEWER PIPE. SIZES LARGER THAN 12" WILL BE PLUGGED BY OTHER APPROVED METHODS. NO PLUGS SHALL BE REMOVED UNTIL CONSTRUCTION IS COMPLETED AND SOIL IS STABILIZED AND THEN ONLY AS DIRECTED BY THE CITY.

**E.** CONSTRUCTION OF SANITARY SEWERS SHALL INCLUDE THE CITY DYE TESTING AS DETERMINED BY THE CITY OF ALL PIPES TO BE CONNECTED TO THE NEW SEWER PRIOR TO BACKFILLING.

**F.** WHEN A NEW CASTING OR OTHER PUBLIC PROPERTY IS ABANDONED IT REMAINS CITY PROPERTY, UNLESS OTHERWISE DIRECTED.

**G.** NEW SEWERS MUST HAVE EPA PLAN APPROVAL OR ANY SEWER THAT IS RELOCATED OR RESIZED.

**EXCAVATION AND PIPE LAYING**

**A.** THE LAYING OF THE PIPE SHALL COMMENCE AT THE LOWEST POINT, WITH THE BELL END LAID UPGRADE. THE PIPE SHALL BE CENTERED IN THE TRENCH AND ALL PIPE SHALL BE LAID WITH ENDS ABUTTING AND TRUE TO LINE AND GRADE.

**B.** LASER SHALL BE USED INSIDE THE PIPE WHENEVER POSSIBLE UNLESS OTHERWISE APPROVED.

**UTILITY STAKING**

**A.** LASER METHOD - OFFSET AND GRADE AT EACH MANHOLE, OFFSET AND GRADE 50' AND 100' OUT FROM EACH MANHOLE UNLESS OTHERWISE APPROVED.

**TESTING - ALL PHASES PERFORMED BY CONTRACTOR OR DEVELOPER**

**A.** BEFORE ANY SEWER LINE IS PLACED INTO SERVICE OR ACCEPTED BY THE CITY, IT SHALL BE SUBJECTED TO AND PASS LOW PRESSURE AIR TEST. EACH RUN BETWEEN MANHOLES, WITH ALL SERVICE LATERALS STUBBED INTO PROPERTY LINES, SHALL BE TESTED BEFORE BEING ACCEPTED. THE CONTRACTOR OR DEVELOPER SHALL FURNISH ALL EQUIPMENT AND MATERIAL NECESSARY TO CONDUCT THIS TEST. THE TRENCH SHALL BE COMPLETELY BACKFILLED BEFORE TESTING.

**B.** SEE SANITARY TESTING NOTES.

**C.** BEFORE FINAL ACCEPTANCE BY THE CITY AND BEFORE ANY SERVICE LINE IS PUT INTO USE, ALL SANITARY SEWERS AND MANHOLES SHALL BE THOROUGHLY CLEANED OF ALL FOREIGN MATTER BY USE OF A SEWER-JET OR EQUAL, TYPE OF EQUIPMENT BY THE CONTRACTOR. SEWER-JET PROCEDURE MUST BE PERFORMED BEFORE CONTRACTOR T.V. TESTS THE PIPE.

**HOUSE CONNECTIONS**

**A.** NO SERVICE LINE SHALL BE ALLOWED TO CONNECT DIRECTLY INTO A MANHOLE, SUBJECT TO APPROVAL BY THE CITY IN SPECIFIC CASES.

**B.** THE ENDS OF ALL SERVICE LINES OR TEES SHALL BE ACCURATELY LOCATED, MAPPED, AND GIVEN TO THE CITY WITHIN 15 DAYS AFTER INSTALLATION.

**C.** BEFORE MAKING A CONNECTION TO AN EXISTING SEWER TAP OR SEWER LATERAL, THE CONTRACTOR SHALL CHECK THE EXISTING PIPE BY UTILIZING A SEWER EEL, STRAP, OR SEWER ROD TO SEE THAT THE EXISTING PIPE IS CONNECTED TO THE MAIN SEWER. IF NEEDED, THE CONTRACTOR MAY NEED TO USE A HYDRAULIC SEWER CLEANER.

**D.** LATERALS FROM THE MAIN TO THE PROPERTY LINE SHALL BE 6" MINIMUM WITH CLEANOUT AT THE PROPERTY LINE.

**E.** A RIGHT-OF-WAY PERMIT TO OPEN, ALTER, OR DISTURB ANY PUBLIC SEWER MUST BE OBTAINED.

**F.** IN THE DEMOLITION OF EXISTING BUILDING, ALL ABANDONED SEWER LATERALS SHALL BE CAPPED AT THE OWNER'S EXPENSE.

**PIPE**

**A.** ALL MAINLINE PIPE AND SPECIALS SHALL BE PVC SDR-35 UNLESS OTHERWISE APPROVED BY THE CITY. MINIMUM DIAMETER OF PIPE SHALL BE 8".

**B.** DUCTILE IRON PIPE WILL BE USED IN STREAM CROSSINGS AND WHERE MAXIMUM SEPARATION CANNOT BE MAINTAINED OR WHEN DEPTH OF SEWER EXCEEDS 25 FEET.

**C.** ALL JOINTS SHALL BE OF THE BELL AND SPIGOT TYPE, THE BELLS BEING FORMED INTEGRALLY WITH THE PIPE. THE BELL SHALL CONTAIN A FACTORY INSTALLED ELASTOMERIC GASKET WHICH IS POSITIVELY RETAINED. NO SOLVENT CEMENT JOINTS WILL BE PERMITTED IN FIELD CONSTRUCTION EXCEPT AS SPECIFICALLY AUTHORIZED BY THE CITY.

FLEXIBLE PIPES	MATERIAL SPECIFICATIONS	JOINT SPECIFICATIONS
POLYVINYL CHLORIDE	ASTM D-3034 (SDR-35) PIPE STIFFNESS = 46PSI	ELASTOMERIC GASKET ASTM D-3212
DUCTILE IRON	ANSI A-21.51 & AWWA C-151	ANSI A-21.11 & AWWA C-111

**1.** SDR = OUTSIDE DIAMETER DIVIDED BY WALL THICKNESS.

**2.** THE SPECIFICATIONS ABOVE SHALL BE THOSE MOST RECENTLY ADOPTED BY THE APPROPRIATE STANDARDS SETTING ORGANIZATIONS.

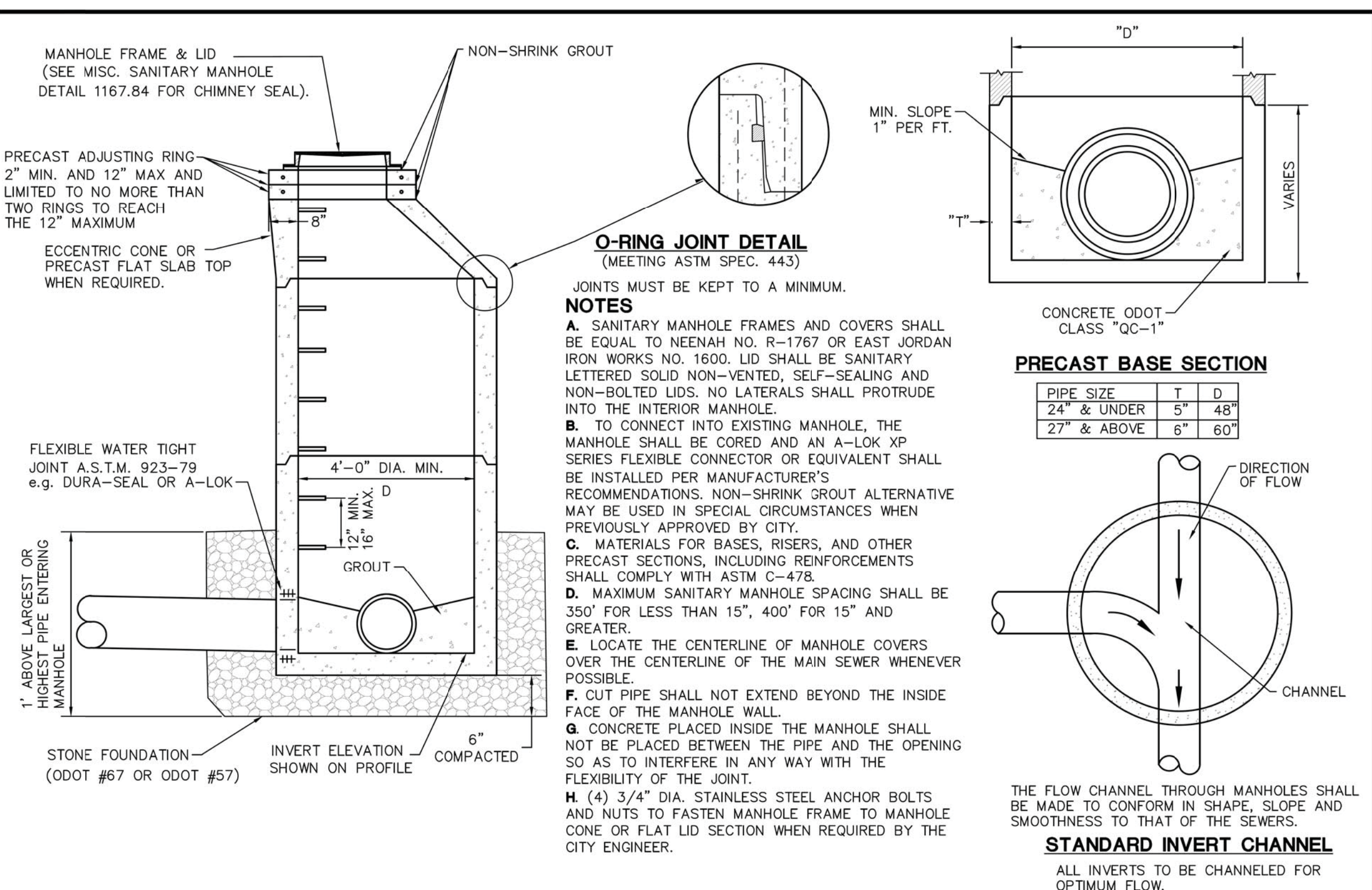
**SANITARY SEWER PUMP STATION**

REFER TO SANITARY SEWER DESIGN CRITERIA FOR ADDITIONAL CONSTRUCTION STANDARDS.

**CITY OF URBANA**

**MISCELLANEOUS SANITARY SEWER NOTES**

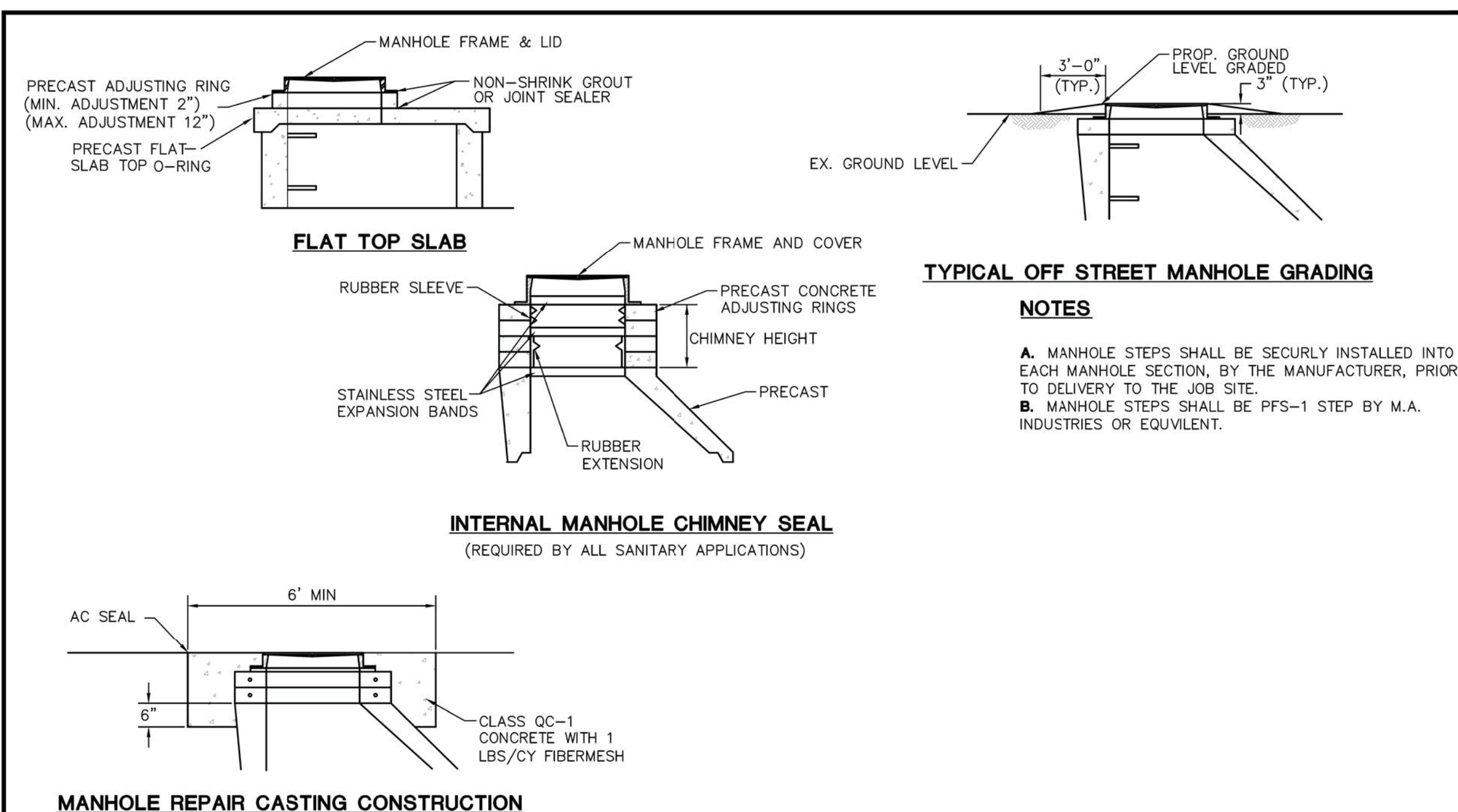
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**CITY OF URBANA**

**TYPE 3 SANITARY MANHOLE**

REVISIONS: 04-10-19	DATE APPROVED: 01-13-06
	PAGE No. 1167.81



**NOTES:**  
**1.** PRECAST CONCRETE ADJUSTING RINGS- ENCASE WITH CONCRETE 6" DOWN FROM BARRELL TOP AND UP TO FLUSH WITH SURFACE. METAL ADJUSTING RINGS WILL NOT BE ALLOWED.  
**2.** SET MANHOLE, PRECAST CONCRETE ADJUSTING RINGS AND CASTING AND PAVE OVER MANHOLE. THEN DIG OUT, ENCASE COLLARS AND CASTING AS PER DETAIL WITH CONCRETE TO THE SURFACE.

**CITY OF URBANA**

**MISCELLANEOUS SANITARY MANHOLE DETAILS**

REVISIONS: 12-20-12	DATE APPROVED: 01-13-06
	PAGE No. 1167.84

DESIGN AGENCY



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REVIEWER

BMG 02/27/23

PROJECT ID

112019

SHEET

128

TOTAL 222



**TRENCH DETAIL NOTES**

**A.** STRUCTURAL BEDDING SHALL BE WASHED GRAVEL, ODOT 703 #8, #57, OR #67, OR OTHER APPROVED EQUIVALENT.

**B.** ALL TRENCHES WITHIN 5' OF PROPOSED OR EXISTING PAVEMENT, WALK, CURB AND GUTTER, DRIVES, ALLEYS, STONE AREAS, OR OTHER HARD SURFACE SHALL BE BACKFILLED WITH ODOT 703 WASHED GRAVEL TO WITHIN 12" OF SURFACE (#8, #57, OR #67).

ALL TRENCHES BEYOND 5' OCCURRING IN SEED AREAS ARE TO BE BACKFILLED WITH NATIVE FILL TO WITHIN 6" OF SURFACE. NATIVE FILL IS TO BE COMPACTED TO 98% OF ASTM D698 STANDARD PROCTOR CURVE.

**C.** OFF-PAVEMENT AREAS SHALL BE PROVIDED WITH A MINIMUM OF 6" OF TOPSOIL OVER THE COMPACTED MATERIAL AND THEN SEEDED AND MULCHED PER ODOT ITEM 659.

STREET AREAS SHALL FOLLOW TYPICAL SECTION 1167.20. GRAVEL DRIVE AREAS SHALL BE 12" OF 3/4 STABILIZED CRUSHED AGGREGATE. ASPHALT DRIVES SHALL BE REPAIRED WITH A MINIMUM OF 4" OF 448 SURFACE ASPHALT ON 8" OF 3/4 STABILIZED CRUSHED AGGREGATE. CONCRETE DRIVE AREAS SHALL BE 6" OF 452 PLAIN CONCRETE ON 6" OF 3/4 STABILIZED CRUSHED AGGREGATE.

**D.** THE OPEN ENDS OF ALL PIPES SHALL BE PLUGGED TO THE APPROVAL OF THE CITY BEFORE LEAVING THE WORK FOR THE NIGHT.

**E.** COMPACTED 304 IS TO BE USED UNDER CURB AND GUTTER AND SIDEWALKS WHERE DISTURBED BY CONSTRUCTION.

**CITY OF URBANA**      **SANITARY SEWER TRENCH DETAIL**      REVISIONS: 12-20-12      DATE APPROVED: 01-13-06  
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**REPAIR OF EXISTING SANITARY SEWER OTHER THAN PVC**

**CITY OF URBANA**      **REPAIR OF EXISTING SANITARY SEWER PIPE DETAIL**      REVISIONS: 12-20-12      DATE APPROVED: 01-13-06  
PAGE No. 1167.86

**NOTES**

**A.** RISER PIPE TO BE BEDDED SOLIDLY AGAINST UNDISTURBED GROUND. ALSO, TEE MAY BE SUBSTITUTED FOR WYE BRANCH IF SPECIFIED.

**B.** RISER PIPE TO BE INSTALLED SO THAT CONNECTING SERVICE SHALL HAVE A MINIMUM DEPTH OF 7' AT THE PROPERTY LINE UNLESS OTHERWISE DIRECTED BY THE CITY.

**C.** CONCRETE ENCASUREMENT AND BLOCKING REQUIRED IF DEPTH OF CONNECTION IS 12' OR GREATER.

**D.** EACH SANITARY LATERAL MUST BE IN SEPARATE TRENCHES.

**1** 6" WYE-ROTATE 45° FROM HORIZONTAL UNLESS OTHERWISE SPECIFIED.  
**2** 6" 1/8" BEND OR 1/16" BEND AS NEEDED.  
**3** CAP UNLESS JOINING EXISTING SERVICE LATERAL.  
**4** BED PIPE WITH 8" GRANULAR MATERIAL AND BACKFILL WITH GRANULAR MATERIAL TO 8" ABOVE PIPE. #57 OR #67 WASHED GRAVEL.  
**5** EXACT MEASUREMENTS MUST BE PROVIDED SHOWING DISTANCE FROM NEAREST MANHOLE, LENGTH OF LATERAL, BENDS, AND THE END OF LATERAL ELEVATION RELATIVE TO THE BACK OF CURB ELEVATION OR SOME OTHER REFERENCE POINT EASILY RECOVERED.

**CITY OF URBANA**      **SERVICE RISER AND SERVICE LATERAL NEW CONSTRUCTION ONLY**      REVISIONS: 12-20-12      DATE APPROVED: 01-13-06  
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**NOTES**

**A.** A TEE MAY BE CUT IN OR SADDLE PLACED ONLY IF AN EXISTING LATERAL IS NOT PROVIDED.

**B.** ALL SADDLES AND CUTTING IN TEES MUST BE INSPECTED PRIOR TO COVERING, AND THE HOLE IN THE EXISTING PIPE SHALL BE INSPECTED AND APPROVED PRIOR TO INSTALLATION.

**C.** OTHER SADDLE TYPES THAT MAY BE APPROVED ON CASE-BY-CASE BASIS BY THE UTILITY DIRECTOR.

**D.** ON LOW FLOW AND PVC PIPE SDR 35 USE CUT IN TEE.

**CITY OF URBANA**      **SANITARY SEWER SADDLE DETAILS**      REVISIONS: 12-20-12      DATE APPROVED: 01-13-06  
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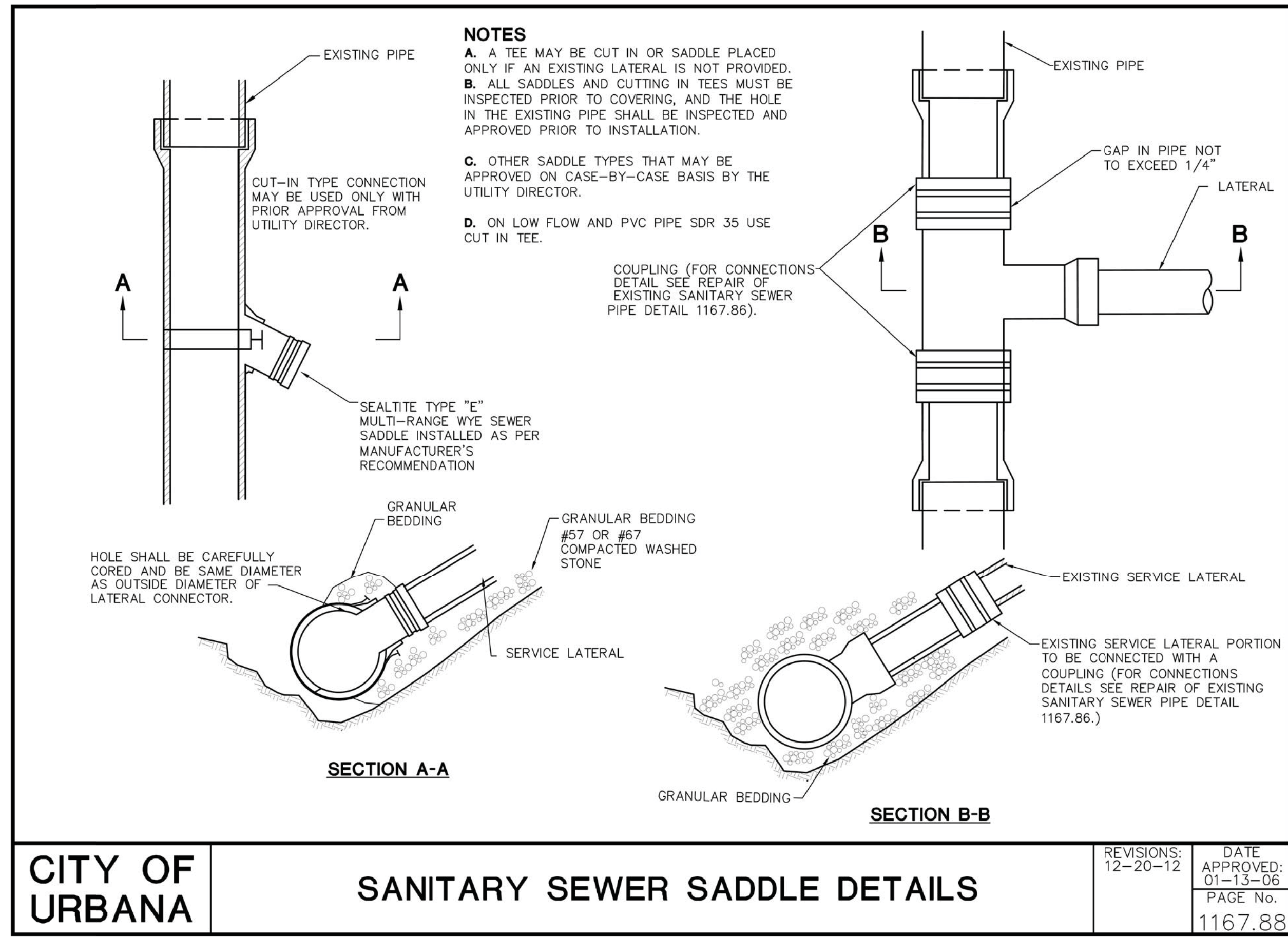
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REVIEWER  
BMG 02/27/23

PROJECT ID  
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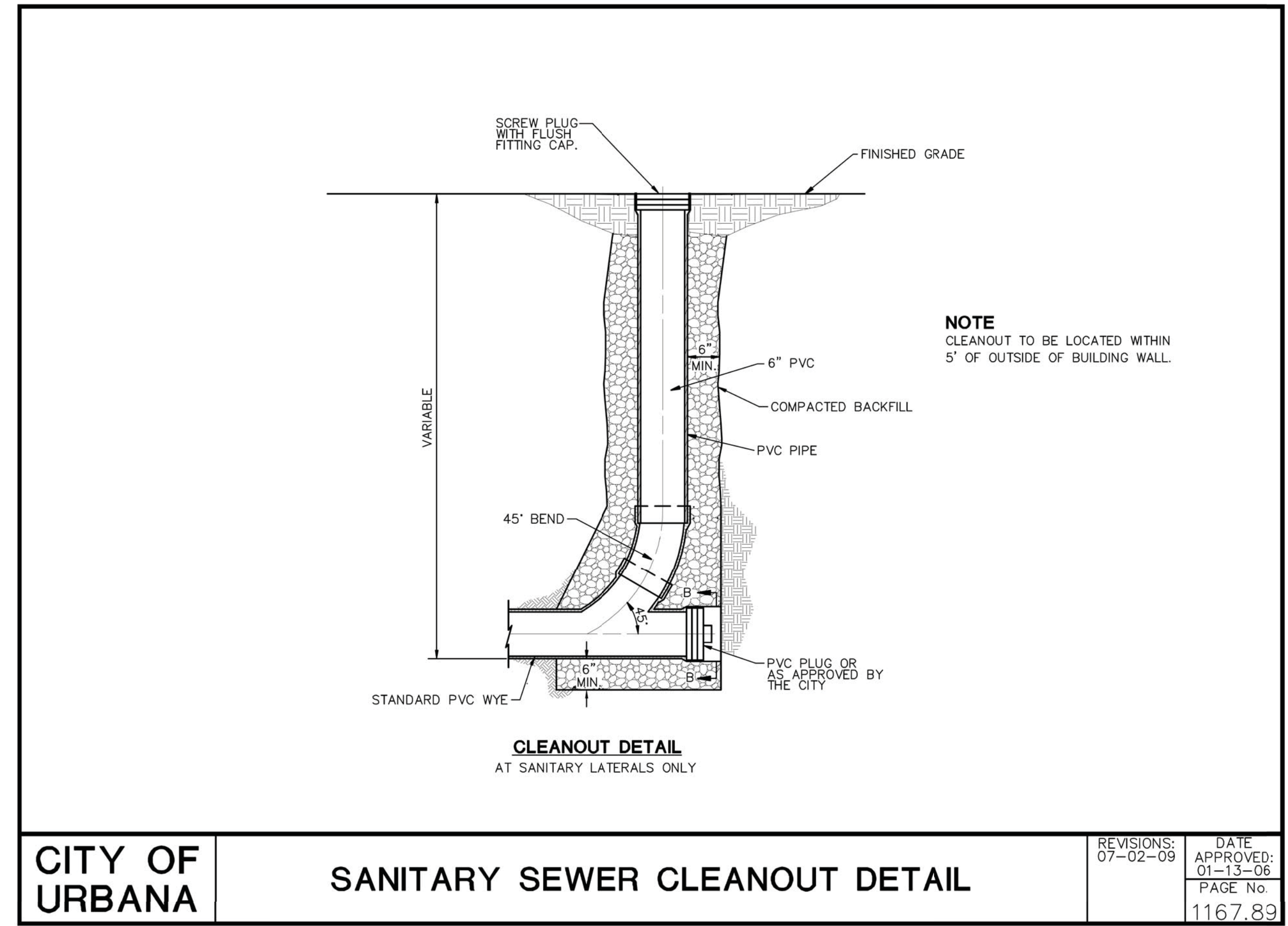
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CITY OF URBANA

SANITARY SEWER SADDLE DETAILS

REVISIONS: 12-20-12	DATE APPROVED: 01-13-06
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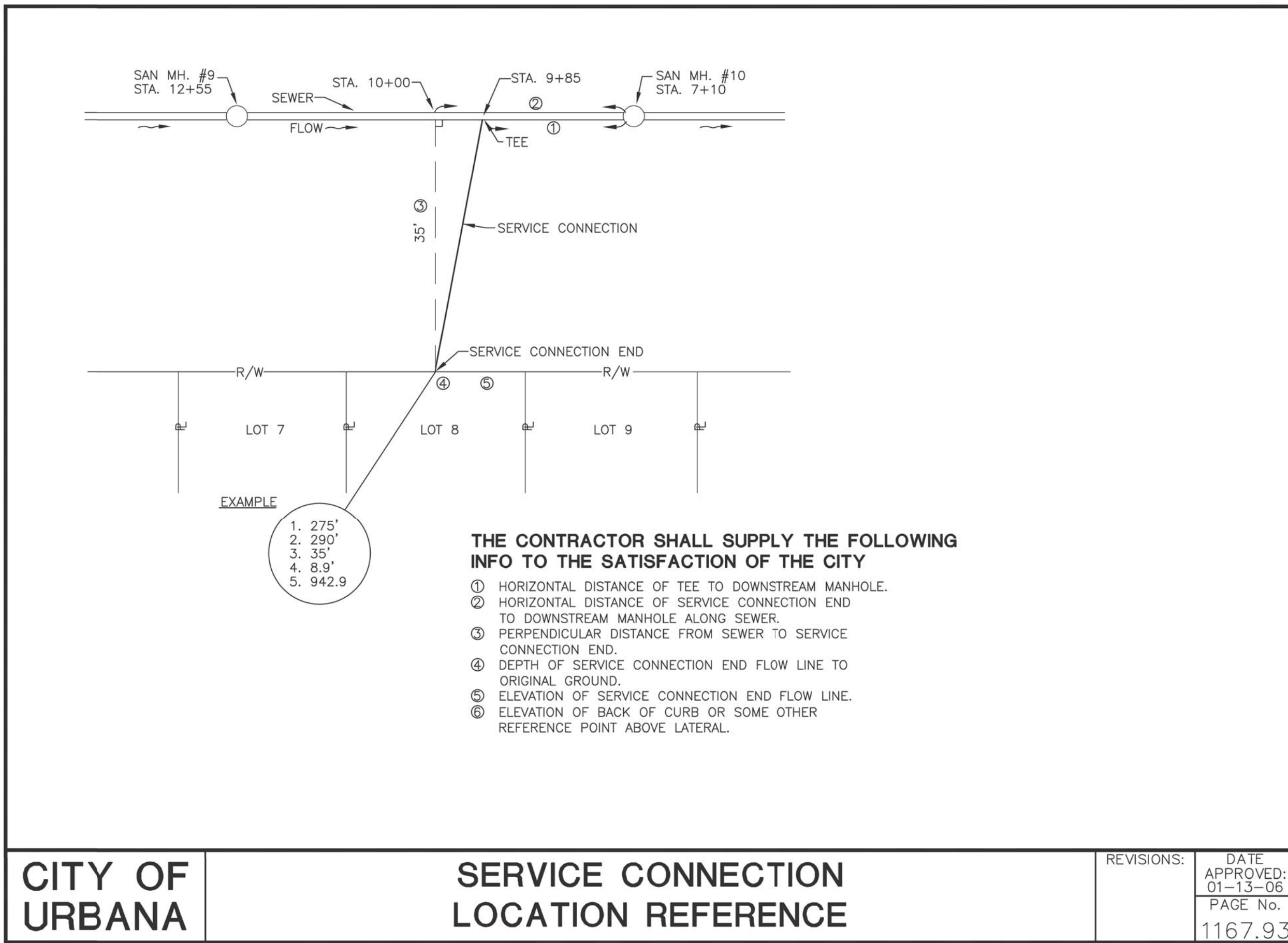


CITY OF URBANA

SANITARY SEWER CLEANOUT DETAIL

REVISIONS: 07-02-09	DATE APPROVED: 01-13-06
	PAGE No. 1167.89

**ITEM 611 - 6" CONDUIT, TYPE B, AS PER PLAN**  
 IN ADDITION THE REQUIREMENTS OF ODOT CMS ITEM 611, ONE (1) CITY OF URBANA SANITARY SEWER CLEANOUT SHALL BE INCLUDED IN EACH SANITARY SEWER LATERAL REPLACEMENT, PER THE DETAIL ABOVE. THE COST OF THE SANITARY SEWER CLEANOUT SHALL BE INCIDENTAL TO THE CONTRACT UNIT BID PRICE FOR ITEM 611 - 6" CONDUIT, TYPE B, AS PER PLAN.



CITY OF URBANA

SERVICE CONNECTION LOCATION REFERENCE

REVISIONS:	DATE APPROVED: 01-13-06
	PAGE No. 1167.93

DESIGN AGENCY



DESIGNER

ARW

REVIEWER

BMG 02/27/23

PROJECT ID

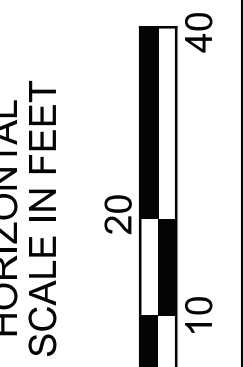
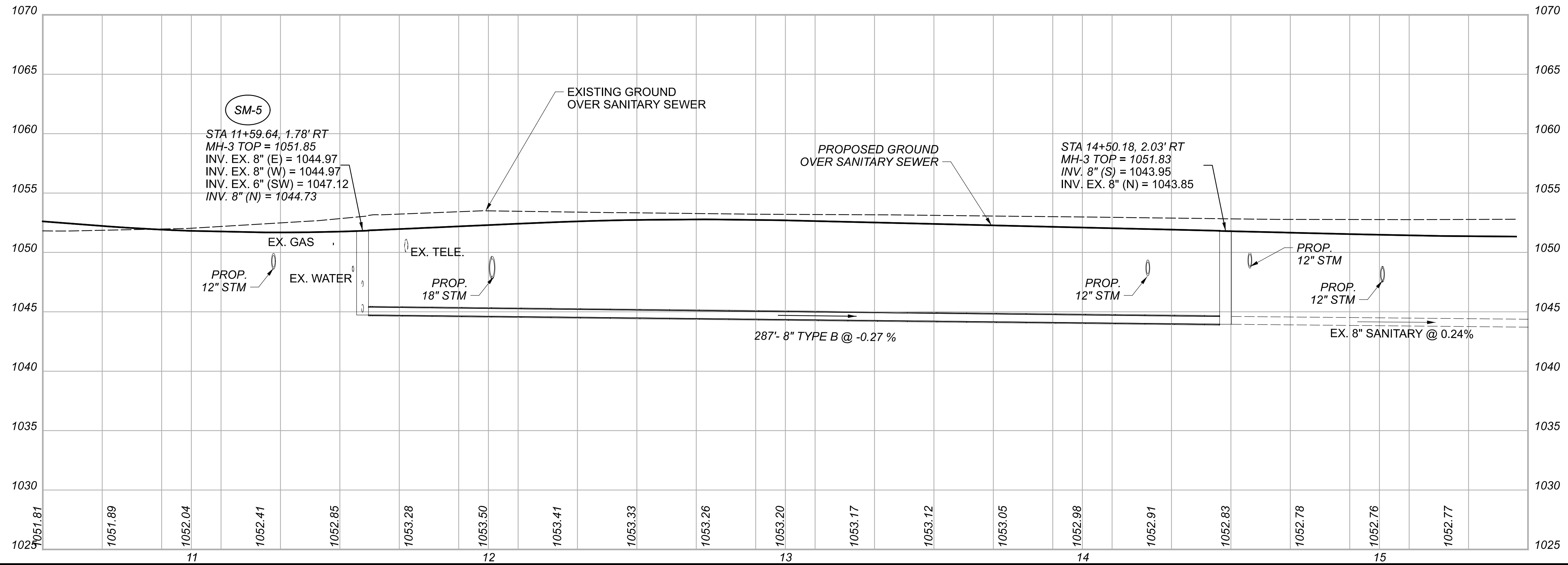
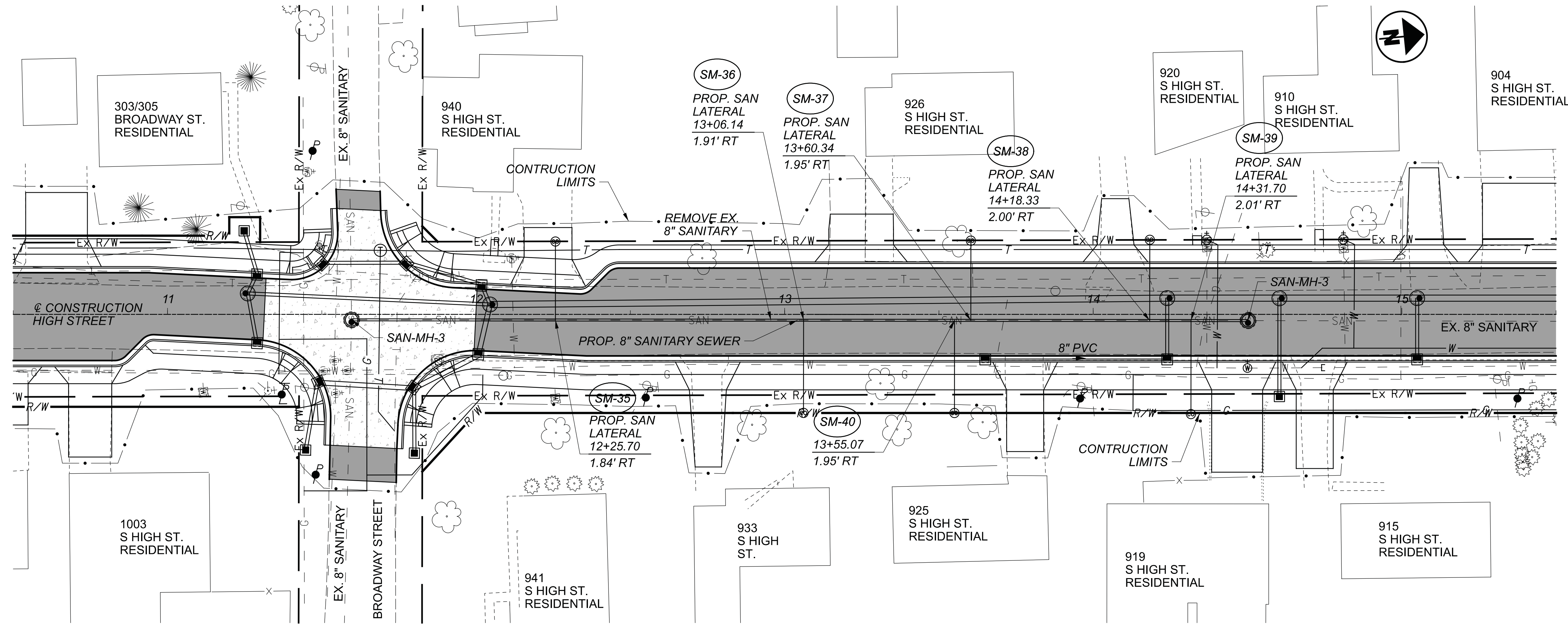
112019

SHEET

TOTAL

130 | 222



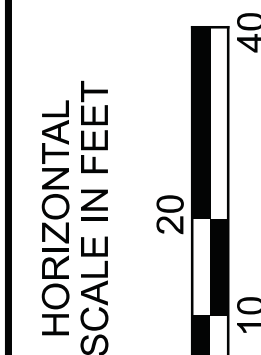
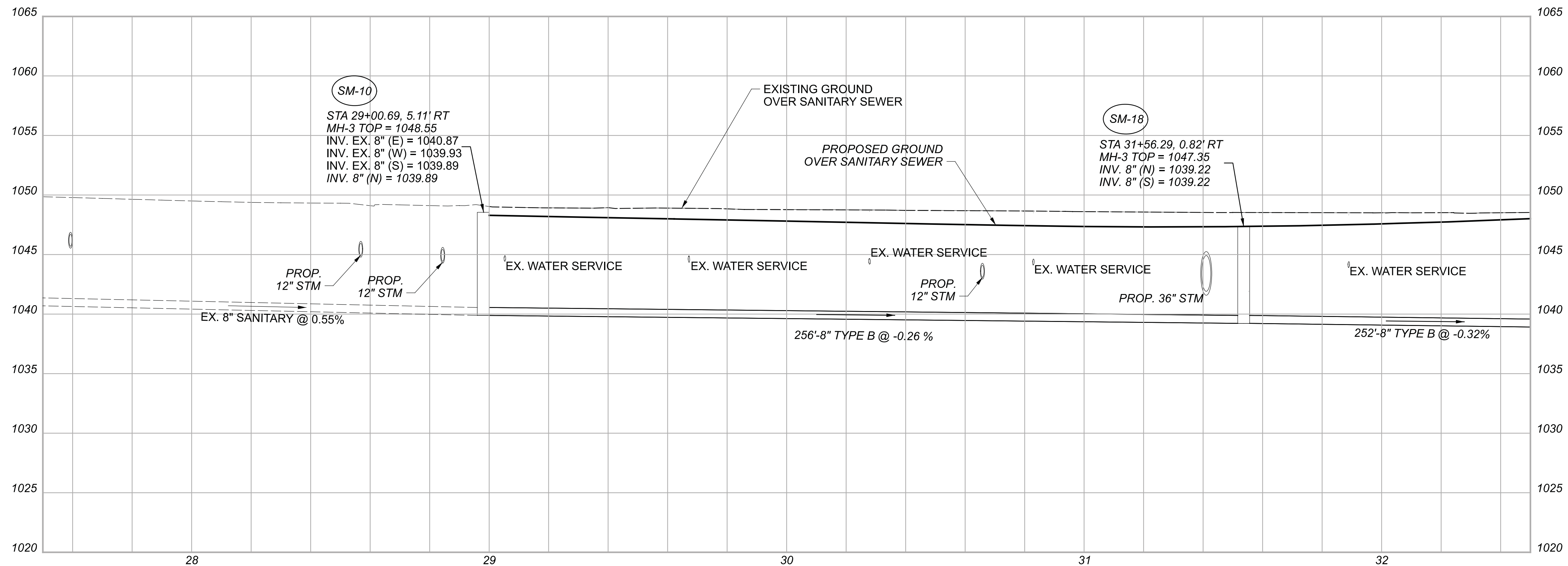
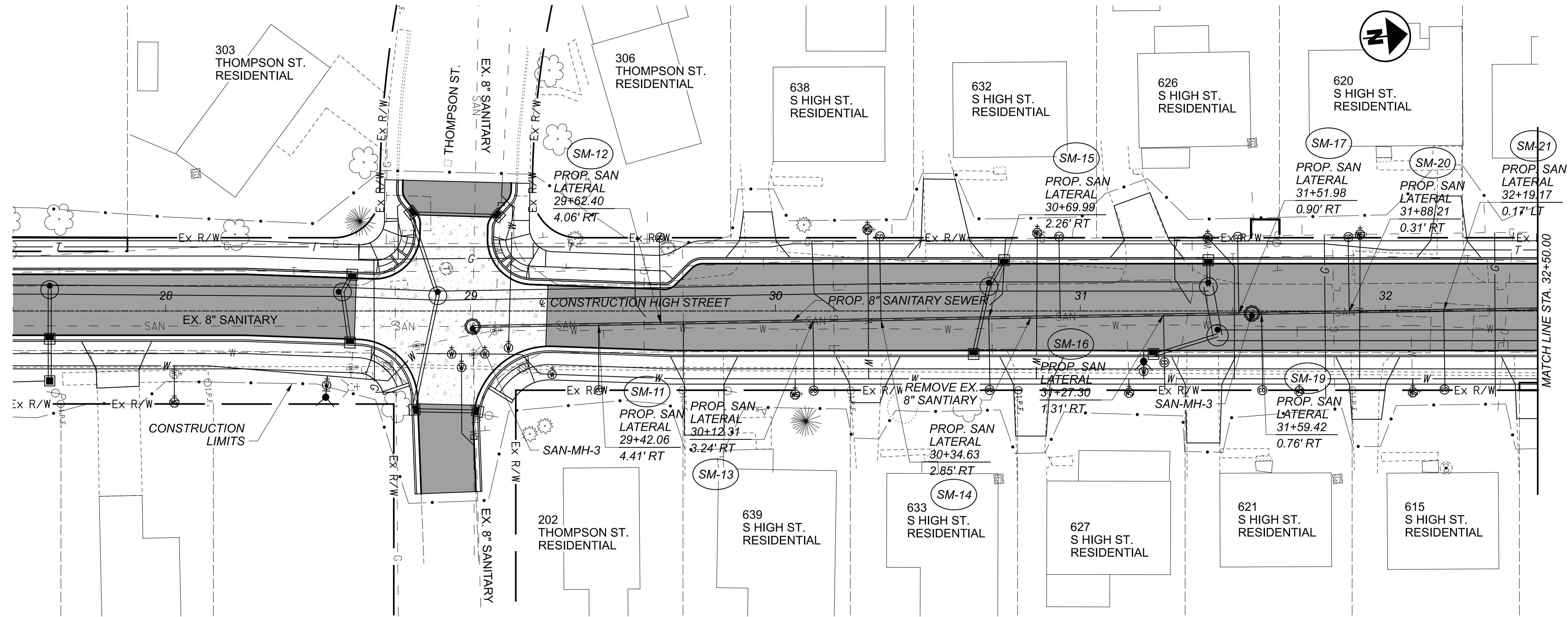


SANITARY SEWER  
STA. 11+59.64 TO STA. 14+50.18

DESIGN AGENCY



DESIGNER	ARW
REVIEWER	BMG 02/27/23
PROJECT ID	112019
SHEET	TOTAL
132	222



**SANITARY SEWER**  
STA. 29+00.69 TO STA. 32+50.00

DESIGN AGENCY



DESIGNER

ARW

REVIEWER

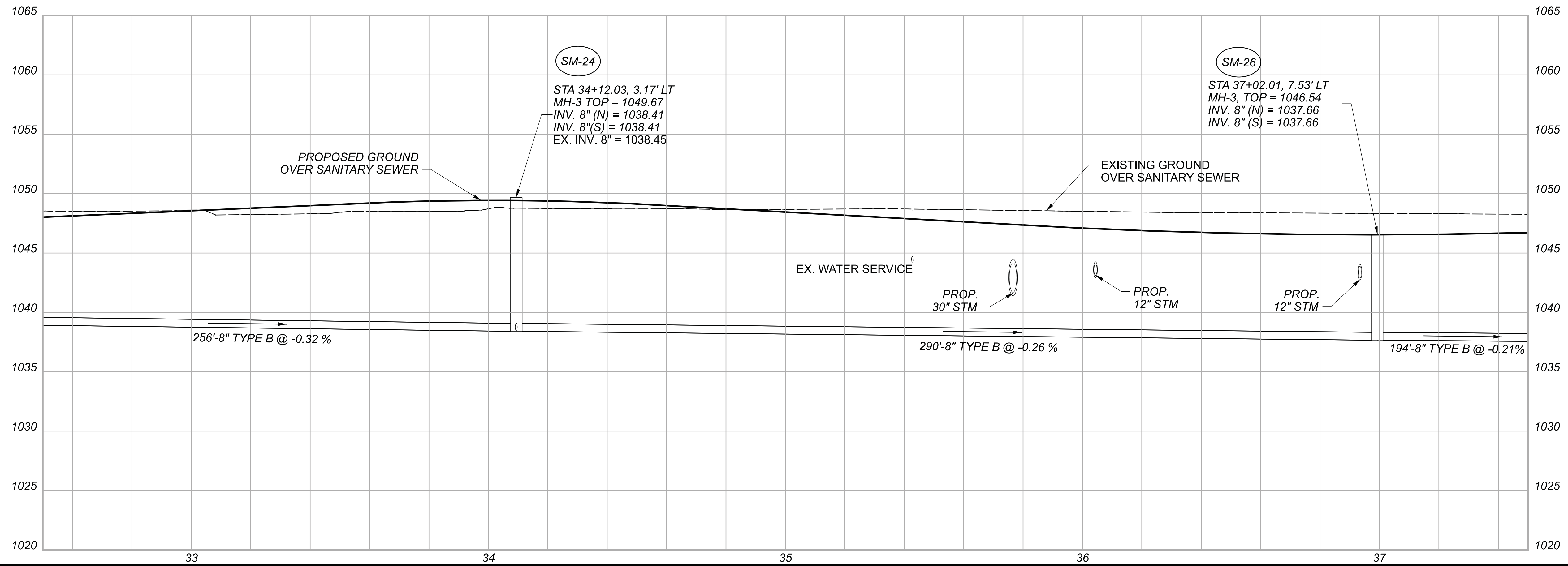
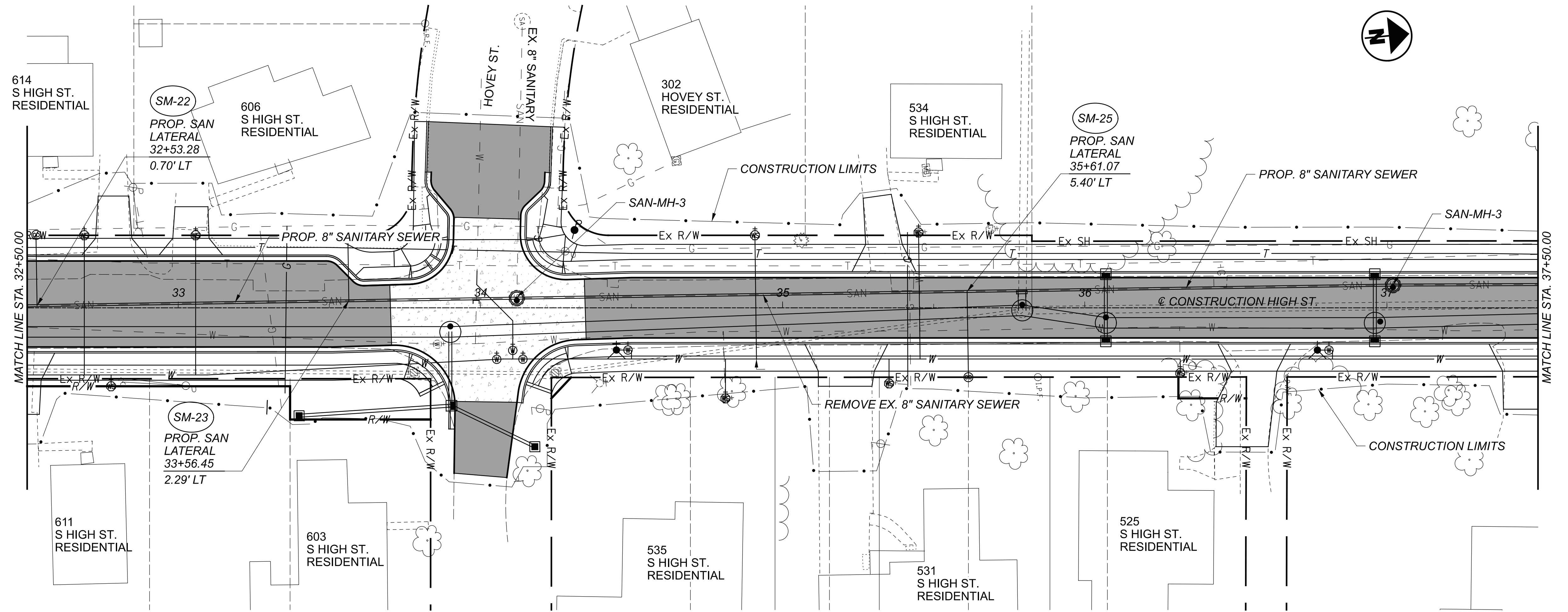
BMG 02/27/23

PROJECT ID

112019

SHEET TOTAL

133 222

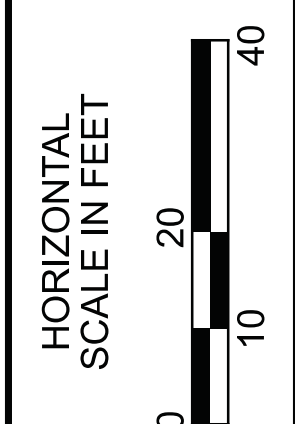
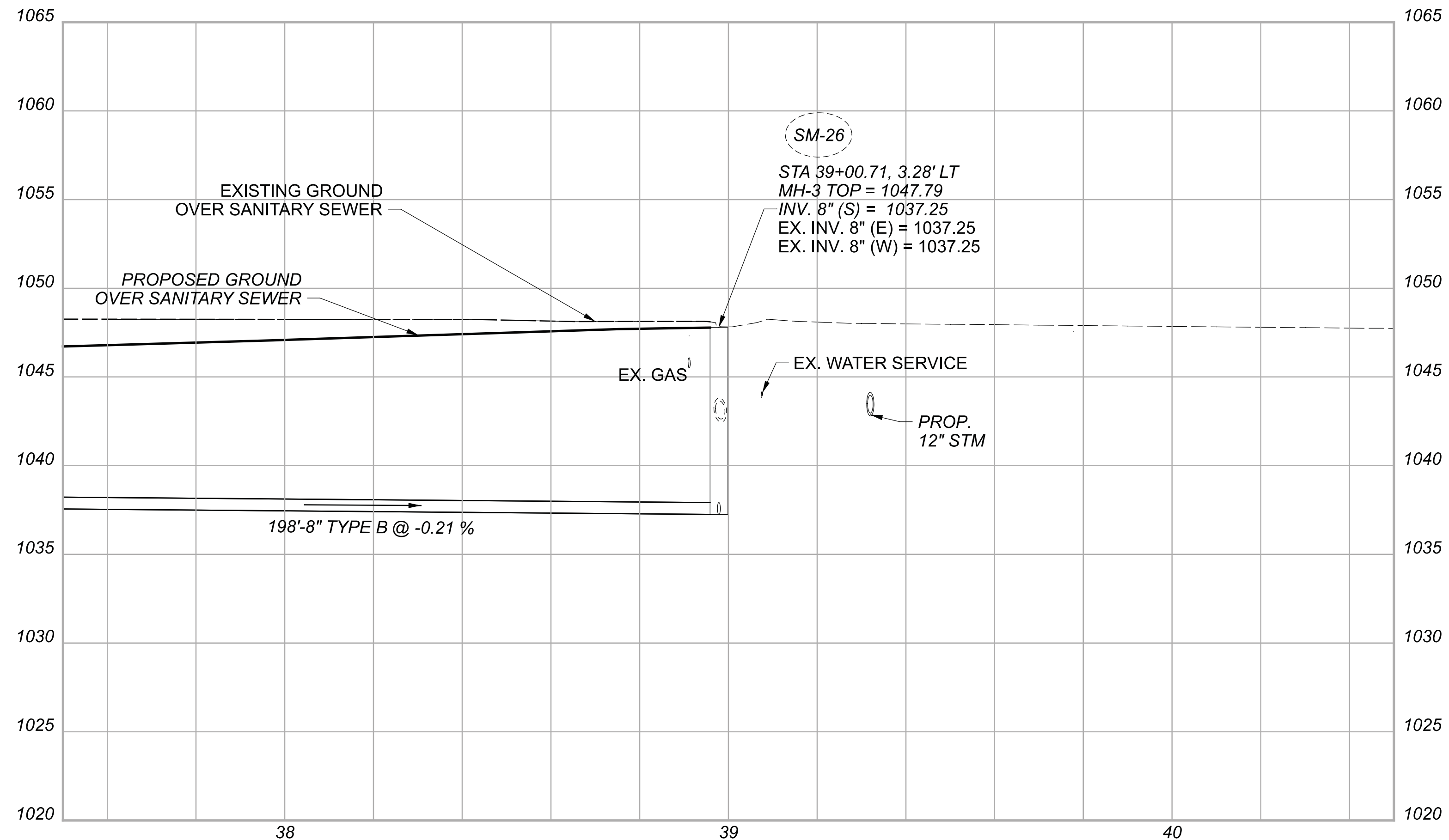
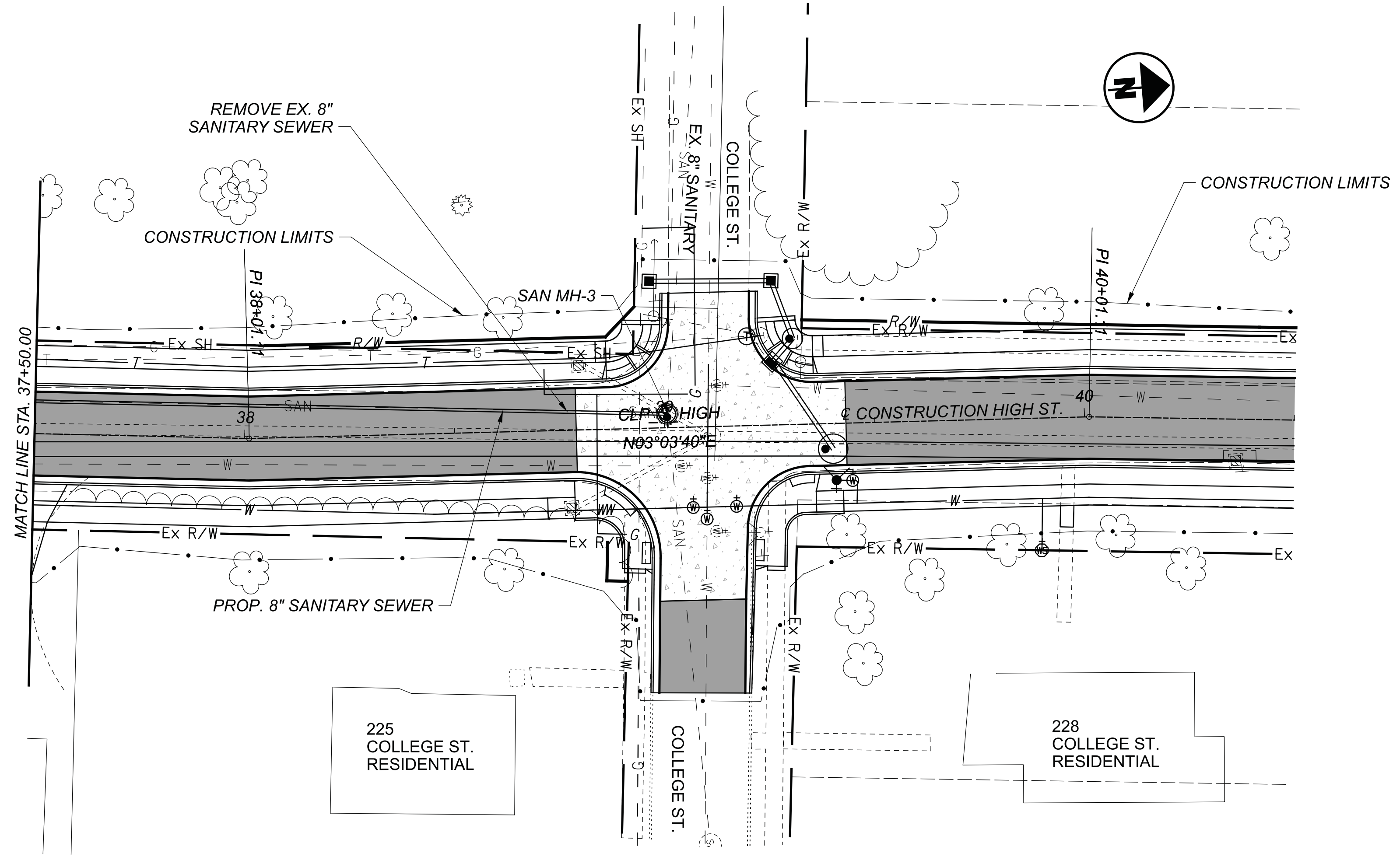


SANITARY SEWER  
STA. 32+50.00 TO STA. 37+50.00

DESIGN AGENCY



DESIGNER	ARW
REVIEWER	BMG 02/27/23
PROJECT ID	112019
SHEET	TOTAL
134	222

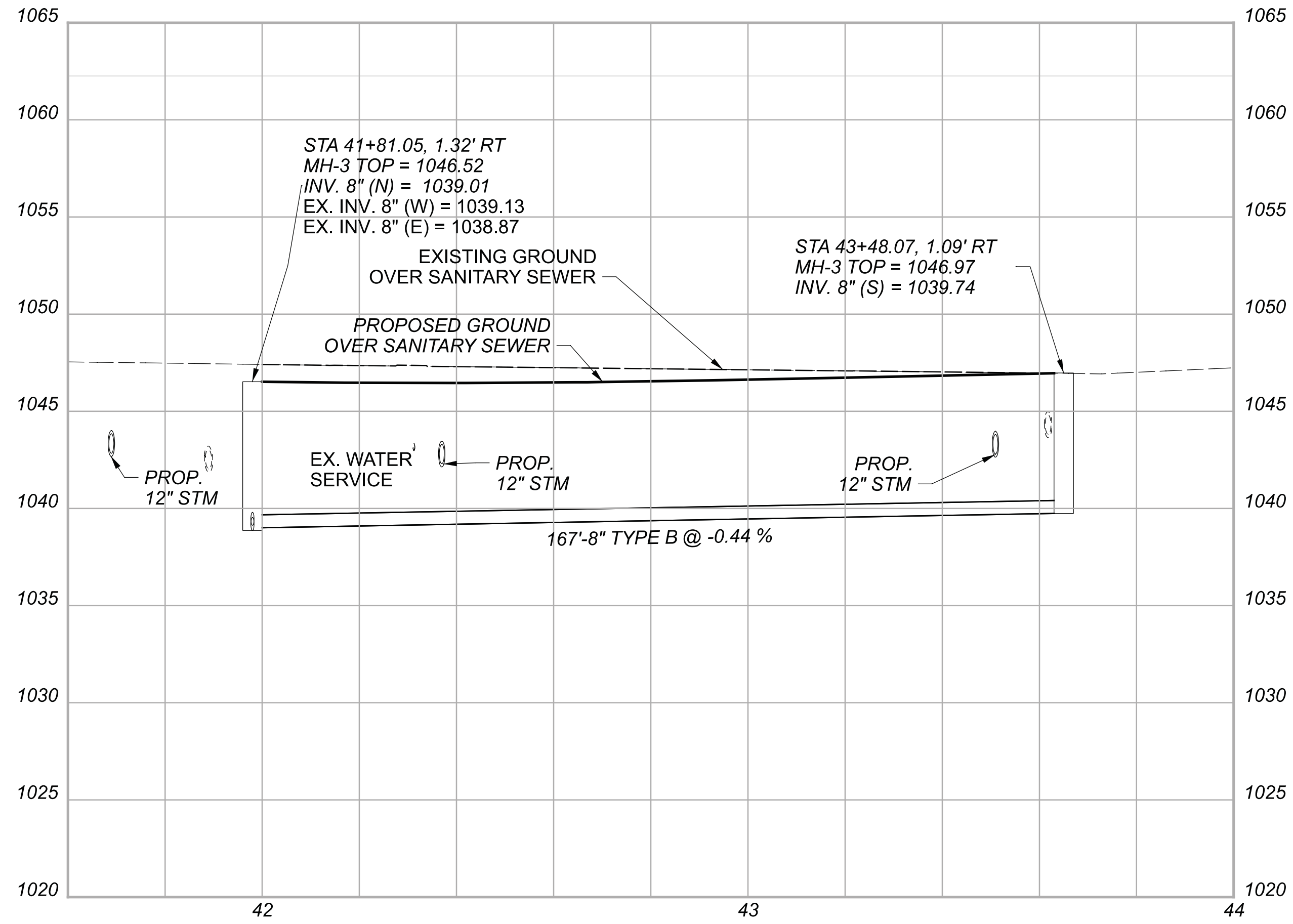
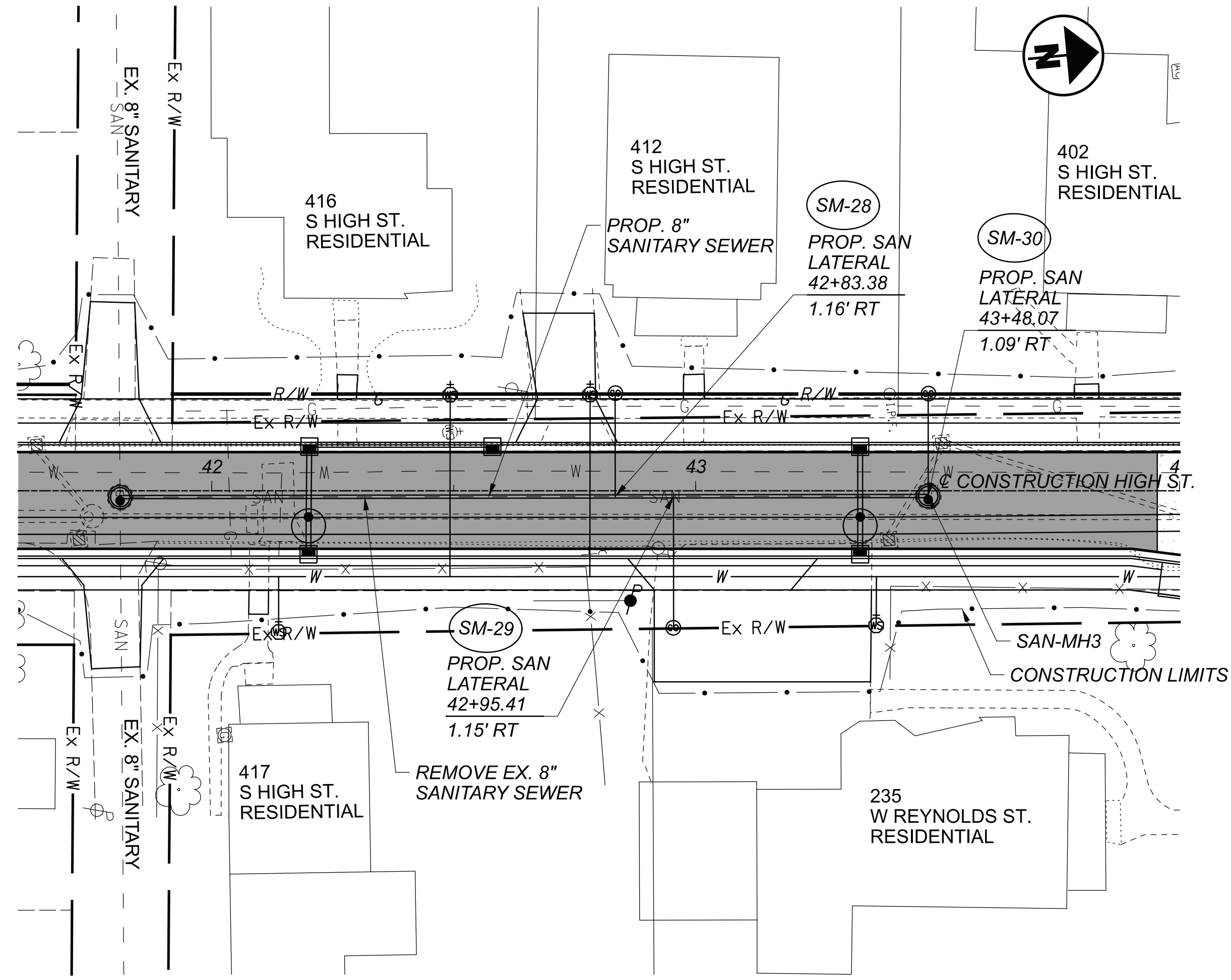


SANITARY SEWER  
 STA. 37+50.00 TO STA. 39+00.71

DESIGN AGENCY



DESIGNER	ARW
REVIEWER	BMG 02/27/23
PROJECT ID	112019
SHEET	TOTAL
135	222



SANITARY SEWER  
 STA. 41+81.05 TO STA. 43+48.47

DESIGN AGENCY



DESIGNER	ARW
REVIEWER	BMG 02/27/23
PROJECT ID	112019
SHEET	TOTAL
136	222



**MATERIAL SPECIFICATIONS**

**A. WATER MAIN SHALL BE AWWA C-151 DUCTILE IRON PIPE CLASS 53, WITH SLIP-ON JOINTS AND RUBBER GASKETS OR C900.**

**B. BELL JOINT RESTRAINTS - USE FIELD LOCK BY U.S. PIPE OR APPROVED EQUIVALENT.**

**C. MECHANICAL JOINT RESTRAINTS - EBAA IRON MEGALUG RETAINER GLAND OR EQUIVALENT.**

**D. FIRE HYDRANTS - AMERICAN DARLING B-84-B, CLOW MEDALLION, OR APPROVED EQUAL; MECHANICAL JOINT; TWO 2-1/2" HOSE NOZZLES, WITH NATIONAL STANDARD THREAD CONNECTIONS; ONE 4" I.D. AND 4-1/2" O.D., 4 THREADS PER INCH PUMPER NOZZLE NATIONAL STANDARD THREADS; CONFORMING TO AWWA C-502; CW TO OPEN; BREAK FLANGES 3" ABOVE GRADE.**

**E. GATE VALVES (THRU 12") - AWWA C-509, RESILIENT WEDGE, NON-RISING STEM, MECHANICAL JOINT, 200 PSI WORKING PRESSURE, CW TO OPEN, OPEN RIGHT WITH ARROW INDICATING OPEN DIRECTION.**

**F. VALVE BOXES - 3-PIECE CAST IRON 6" DIAMETER NOMINAL, ADJUSTABLE SCREW TYPE, COVER MARKED "WATER", DOMESTIC MADE ONLY.**

**G. SERVICE LINE - TYPE "K" COPPER TUBE WITH COMPRESSION TYPE FITTINGS OR CTS PLASTIC TUBING.**

**H. CURB STOP - BRASS CONFORMING TO AWWA C-800.**

**I. CURB BOXES - 2-1/2" SCREW TYPE, BUFFALO STYLE CAST IRON LID WITH PENTAGON HEAD PLUG EM2-45-67.**

**J. ALL SERVICE CONNECTIONS REQUIRE A METER.**

**K. VALVE SIZING**  
 • 6" TO AND INCLUDING 12" TO BE A GATE VALVE

**HYDROSTATIC TEST**

**A. AFTER THE PIPE HAS BEEN LAID AND BACKFILLED, ALL NEWLY LAID PIPE OR VALVED SECTION, SHALL BE SUBJECTED TO HYDROSTATIC PRESSURE AND LEAKAGE TEST. ALL WATER MAINS MUST BE HYDROSTATICALLY TESTED (AWWA C-600). THE TESTS MUST BE PERFORMED BY THE CONTRACTOR IN THE PRESENCE OF A REPRESENTATIVE OF THE CITY OF URBANA. THE LEAKAGE TEST PRESSURE SHALL BE NOT LESS THAN 150 PSI. THE DURATION OF THE LEAKAGE TEST SHALL NOT BE LESS THAN 1 HOUR. HYDROSTATIC PRESSURE SHALL BE APPLIED BY MEANS OF A PUMP TAKING WATER FROM AN AUXILIARY SUPPLY. ALL PIPING MUST BE PROPERLY FILLED AND FLUSHED TO DISPEL ALL AIR BEFORE THE TEST IS MADE USING POTABLE WATER.**

**B. LEAKAGE IS DEFINED AS THE QUANTITY OF WATER TO BE SUPPLIED INTO THE NEWLY LAID PIPE, OR ANY VALVED SECTION THEREOF, NECESSARY TO MAINTAIN THE SPECIFIED LEAKAGE TEST PRESSURE AFTER THE PIPE HAS BEEN FILLED WITH WATER AND THE AIR EXPULSED.**

**C. DURING THE HYDROSTATIC TEST, A THOROUGH EXAMINATION OF ALL PIPING, FITTINGS, VALVES, HYDRANTS, ETC. SHALL BE PERFORMED. LEAKING JOINTS SHALL BE TIGHTENED AND THE TEST SHALL BE REPEATED UNTIL SATISFACTORY RESULTS ARE OBTAINED. CRACKED OR OTHERWISE DEFECTIVE MATERIAL SHALL BE REMOVED AND REPLACED AND THE TEST SHALL BE REPEATED UNTIL SATISFACTORY RESULTS ARE OBTAINED.**

**DISINFECTION**

**A. AFTER SATISFACTORY HYDROSTATIC TESTING, THE COMPLETED WATER WORK SHALL BE DISINFECTED IN ACCORDANCE WITH AWWA C-651 BY THE CONTRACTOR.**

**B. MAINTAIN PIPES FREE OF DIRT AND FOREIGN MATTER DURING CONSTRUCTION BY DEWATERING TRENCH AND SEALING OPEN PIPE BARRELS. THIS IS ALSO A REQUIREMENT IF REPAIRS OCCUR.**

**C. FLUSH CHLORINE SOLUTION TO WASTE INTO SANITARY SEWER AT A CONTROLLED RATE, NOT TO EXCEED 25 GPM, IF CHLORINE RESIDUAL DROPS IN 10 MG PER LITER, FLUSH MAIN AT 2 FPS AND REPEAT STERILIZATION PROCEDURE.**

**D. WATER SAMPLES - PERFORM BACTERIOLOGICAL TEST PER AWWA C-651. THIS TEST WILL BE PERFORMED BY THE CITY. TWO CONSECUTIVELY NEGATIVE RESULTS WILL CONSTITUTE A PASSABLE TEST. THE CONTRACTOR SHALL FURNISH ALL REQUIRED TESTING APPENDAGES OR EXCAVATION NEEDED BY THE CITY.**

**E. BACTERIA TEST-PORTS SHALL BE AT GROUND LEVEL AND WITH A VALVE INSTALLED.**

**ALLOWABLE LEAKAGE PER 1000 FT. (305M) OF PIPELINE (GPH+)**

AVG. TEST PRESSURE (PSI) BAR	NOMINAL PIPE DIAMETER - INCHES									
	6	8	10	12	14	16	18	20	24	30
250(17)	0.71	0.95	1.19	1.42	1.66	1.90	2.14	2.37	2.85	3.56
225(16)	0.68	0.90	1.13	1.35	1.58	1.80	2.03	2.25	2.70	3.38
200(14)	0.64	0.85	1.06	1.28	1.48	1.70	1.91	2.12	2.55	3.19
175(12)	0.59	0.80	0.99	1.19	1.39	1.59	1.79	1.98	2.38	2.98
150(10)	0.55	0.74	0.92	1.10	1.29	1.47	1.66	1.84	2.21	2.76
120(9)	0.50	0.67	0.84	1.01	1.18	1.34	1.51	1.68	2.01	2.52

**CITY OF URBANA** **WATER MAIN MATERIAL AND TESTING**

REVISIONS: 08-15-13 DATE APPROVED: 01-13-06 PAGE No. 1167.55

**NOTES**

**A. NO WORK SHALL BE APPROVED OR ACCEPTED BY THE CITY UNLESS 2 WORKING DAYS NOTICE OF COMMENCING WORK IS GIVEN TO THE CITY.**

**B. ALL TEMPORARY PAVEMENT AND SIDEWALK SHALL BE MAINTAINED BY THE CONTRACTOR OR THE DEVELOPER AT HIS OWN EXPENSE IN A SUITABLE AND SAFE CONDITION FOR TRAFFIC UNTIL PERMANENT REPLACEMENT IS MADE OR THE PROJECT IS FINALLY ACCEPTED BY THE CITY, UNLESS OTHERWISE APPROVED.**

**C. THE MINIMUM LENGTH OF PIPE NIPPLES SHALL BE 18" UNLESS OTHERWISE APPROVED BY THE CITY.**

**D. ALL CUSTOMERS SHALL MEET BACKFLOW PREVENTION REQUIREMENTS AS PER CITY OF URBANA STANDARDS.**

**E. ALL WATERLINE CONSTRUCTION INCLUDING EXTENSIONS ON PRIVATE PROPERTY SHALL FOLLOW THE CITY STANDARDS, ODOT ITEM 638, AND AWWA STANDARDS WHICHEVER IS MORE RESTRICTIVE AS DETERMINED BY THE CITY.**

**F. OPERATION OF CITY FIRE HYDRANTS, VALVES, METERS, SERVICES, STOPS, AND ALL OTHER MECHANICAL INFRASTRUCTURE ITEMS IS STRICTLY PROHIBITED.**

**G. ALL WATER MAINS SHALL HAVE A MINIMUM DEPTH OF 4'-6" AND A MAXIMUM DEPTH OF 6'-0" FROM TOP OF PIPE TO SURFACE, UNLESS REQUIRED BY DESIGN.**

**PIPE**

**A. ALL PIPE FITTINGS SHALL BE DUCTILE IRON**

**B.**

WATER MAIN MINIMUM SIZE UNLESS OTHERWISE APPROVED	RESIDENTIAL	COMMERCIAL	INDUSTRIAL
	8"	10"	12"

6" MAY BE CONSIDERED FOR LOOPING PURPOSES IN RESIDENTIAL AREAS

**C. DEADENDS ARE NOT PERMITTED AND MUST BE LOOPED UNLESS THEY ARE DEEMED UNPRACTICAL BY THE CITY ENGINEERING DEPARTMENT AFTER A REVIEW OF A WATER MAIN DESIGN. WHEN APPROVED, THEY SHALL BE TERMINATED WITH A FIRE HYDRANT AT THE END.**

**EXCAVATION AND PIPE LAYING**

**A. THE OPEN ENDS OF ALL PIPES SHALL BE CLOSED WITH A WATERTIGHT PLUG TO THE APPROVAL OF THE CITY BEFORE LEAVING THE WORK FOR THE NIGHT AND AT OTHER TIMES OF INTERRUPTION OF THE WORK.**

**FITTINGS, VALVES AND HYDRANTS**

**A. FITTINGS OR SPECIALS IN SIZES 3" THROUGH 64" SHALL CONFORM TO ALL REQUIREMENTS OF AWWA C-153. FITTINGS AND SPECIALS 24" AND SMALLER SHALL BE CLASS 350. FITTINGS AND SPECIALS 30" THROUGH 48" SHALL BE CLASS 250 WHILE THOSE 54" AND UP SHALL BE CLASS 150. FITTINGS AND SPECIALS SHALL HAVE MECHANICAL JOINTS AND SHALL BE DUCTILE IRON. CLUSTER VALVES WHENEVER POSSIBLE UNLESS APPROVED BY THE CITY.**

MAXIMUM SPACING UNLESS OTHERWISE APPROVED	HYDRANTS	VALVES
SINGLE & TWO FAMILY RESIDENTIAL	400'	600'
INDUSTRIAL, COMMERCIAL & MULTI-FAMILY	300'	500'

**C. ALL TEES AND CROSSES SHALL BE VALVED IN EACH DIRECTION UNLESS OTHERWISE APPROVED.**

**D. NO VALVE SHALL BE OPERATED BY PERSONNEL OTHER THAN A REPRESENTATIVE EMPLOYED BY THE CITY.**

**UTILITY STAKING**

**A. OFFSETS EVERY 25' ON CURVES. OFFSETS EVERY 100' ON STRAIGHT SECTIONS. FLOW LINE OF WATER MAIN (CUT) MARKED EVERY 100' AND OFFSETS SHALL BE CLEARLY MARKED AND EVERY HYDRANT WITH TOP OF CURB ELEVATION.**

**BORING AND CASING PIPE DETAIL**

**A. SEE DETAILS ON PAGE 1167.26 AND 1167.27.**

**CITY OF URBANA** **MISCELLANEOUS WATER NOTES**

REVISIONS: 09-25-18 DATE APPROVED: 01-13-06 PAGE No. 1167.56

**SECTION VIEW**

**NOTES**

**A. FIRE HYDRANTS - AMERICAN DARLING B-84-B, CLOW MEDALLION, OR APPROVED EQUAL; MECHANICAL JOINT; TWO 2-1/2" HOSE NOZZLE WITH NATIONAL STANDARD THREAD CONNECTIONS; ONE 4"-1/2" PUMPER NOZZLE WITH NATIONAL STANDARD THREADS; CONFORMING TO AWWA C-502; CW TO OPEN; BREAK FLANGES 3" ABOVE GRADE. HYDRANT SHALL BE YELLOW IN COLOR WITH 4-SIDED, SQUARE OPERATING NUT (7/8" TOP AND 1" BOTTOM DIMENSION). HYDRANT MUST BE SELF DRAINING.**

**B. GATE VALVES SHALL BE AWWA C-509, RESILIENT WEDGE, NONRISING STEM, MECHANICAL JOINT, 150 PSI WORKING PRESSURE, CW TO OPEN WITH ARROW INDICATING OPEN DIRECTION, MUELLER OR EQUIVALENT.**

**C. VALVE BOXES SHALL BE 2-PIECE, ADJUSTABLE 36" TO 48", 6" DIAMETER NOMINAL, ADJUSTABLE SCREW TYPE, COVER MARKED "WATER", DOMESTIC MADE ONLY.**

**D. ALL FITTINGS TO BE RESTRAINED.**

**E. ALL FITTINGS TO BE AWWA C-153 DUCTILE IRON, COMPACT.**

**F. ALL VALVES AND HYDRANTS SHALL OPEN RIGHT IN A CLOCKWISE DIRECTION.**

**G. CONTRACTOR TO FACE HYDRANT AS REQUIRED BY THE CITY.**

**H. THE LAYING OF PIPE ON EXISTING DIRT WITH THE BELLS CUT OUT SHALL NOT BE PERMITTED.**

**I. THE OPEN ENDS OF ALL PIPES AND SPECIAL CASTINGS SHALL BE PLUGGED OR OTHERWISE CLOSED WITH A WATERTIGHT PLUG TO THE APPROVAL OF THE CITY BEFORE LEAVING THE WORK FOR THE NIGHT.**

**J. A MINIMUM OF 4" WASHED STONE BACKFILL SHALL BE PLACED AS HYDRANT IS INSTALLED.**

**BASIC TEE DETAIL PLAN**

**SPECIAL MECHANICAL JOINT HYDRANT TEE DETAIL PLAN**

**CITY OF URBANA** **FIRE HYDRANT**

REVISIONS: 08-15-13 DATE APPROVED: 01-13-06 PAGE No. 1167.51

**TAPPING SLEEVE AND VALVE DETAIL**

**NOTES**

**A. BELL JOINT RESTRAINTS - USE FIELD LOCK BY U.S. PIPE OR APPROVED EQUIVALENT.**

**B. MECHANICAL JOINT RESTRAINTS - EBAA IRON MEGALUG RETAINER GLAND OR EQUIVALENT.**

**C. CONTRACTOR TO USE RESTRAINED JOINTS UNLESS THRUST BLOCKING IS PREAPPROVED FOR SPECIAL CONDITIONS BY THE CITY PRIOR TO THE BEGINNING OF CONSTRUCTION.**

**REQUIRED LENGTH OF RESTRAINED JOINTS FOR WATER MAINS**

DEGREE OF DEFLECTION	REQUIRED LENGTH OF RESTRAINED JOINTS IN FEET							
	D-DIAMETER OF PIPE							
11 1/4"	4"	6"	8"	10"	12"	16"	20"	24"
22 1/2"	*	*	*	*	*	2	3	3
45"	3	4	5	6	8	10	12	13
90"	18	25	33	40	47	60	72	85
TEE	18	25	33	40	47	60	72	85
END	18	25	33	40	47	60	72	85

SEE TABLE FOR L, REQUIRED LENGTH OF RESTRAINED JOINTS

**DESIGN PARAMETERS**

LAYING CONDITIONS - TYPE 5 SOIL DESIGNATION - SILT DEPTH OF COVER - 4' DESIGN PRESSURE - 80 PSI SAFETY FACTOR - 1.50 BARE PIPE THIS CHART AND PARAMETERS WILL BE UTILIZED UNLESS APPROVED BY THE UTILITY DIRECTOR.

\* REQUIRED RESTRAINED JOINT AT FITTING.

**CITY OF URBANA** **RESTRAINING JOINTS AND TAPPING SLEEVE FOR WATER MAINS**

REVISIONS: DATE APPROVED: 01-13-06 PAGE No. 1167.52

CHP-S, HIGH STREET

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DESIGN AGENCY

DESIGNER

ARW

REVIEWER

BMG 02/27/23

PROJECT ID

112019

SHEET TOTAL

137 | 222

**DETAIL - END OF WATER LINE**

**CONCRETE BLOCKING FOR VERTICAL BENDS**

BENDS	
SIZE OF PIPE	DEGREE OF BEND
	11 1/4° 22 1/2° 45° 90°
3", 4", 6"	8" 10" 6" 20" 6" 36" 6"
8"	9" 8" 14" 8" 24" 9" 50" 8"
12"	14" 12" 22" 12" 30" 16" 60" 15"
16"	18" 16" 24" 18" 33" 36" 70" 22"

**CONCRETE BLOCKING FOR HORIZONTAL BENDS**

RUN	BRANCH			
	3" 4" 6"	8"	12"	16"
3", 4", 6"	16" 6"	L D L D L D L D	L D L D L D L D	L D L D L D L D
8"	14" 8"	18" 12"	24" 18"	30" 24"
12"	9" 12"	18" 12"	24" 18"	30" 24"
16"	8" 16"	14" 16"	28" 16"	30" 26"

**NOTES**

- CARE SHALL BE TAKEN TO KEEP CONCRETE AWAY FROM MECHANICAL JOINTS BY PLACING VISQUEEN OR OTHER APPROVED MATERIAL OVER PIPE BEFORE PLACING OF CONCRETE. BOLTS SHALL NOT BE ENCASED IN CONCRETE.
- CONCRETE FOR BLOCKING VALVES AND FITTINGS SHALL CONFORM TO ODOT 499 CLASS QC-1.
- CONTRACTOR SHALL USE THE THRUST BLOCKS AS SHOWN ONLY IF PREAPPROVED FOR SPECIAL CONDITION BY THE CITY PRIOR TO BEGINNING CONSTRUCTION AND IT IS DISCOURAGED.

**CITY OF URBANA CONCRETE BLOCKING FOR WATER MAINS**

REVISIONS: 12-20-12 04-10-19 DATE APPROVED: 01-13-06 PAGE No. 1167.53

**WATER MAIN TRENCH DETAIL**

**NOTE:** MAXIMUM PAY LIMITS, ANY PAVEMENT REPAIR BEYOND THE MAXIMUM PAY LIMITS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

**TRENCH DETAIL NOTES**

- STRUCTURAL BEDDING SHALL BE WASHED GRAVEL, ODOT 703 #8, #57, OR #67, OR OTHER APPROVED EQUIVALENT.
- ALL TRENCHES WITHIN 5' OF PROPOSED OR EXISTING PAVEMENT, WALK, CURB AND GUTTER, DRIVES, ALLEYS, STONE AREAS, OR OTHER HARD SURFACE SHALL BE BACKFILLED WITH ODOT 703 WASHED GRAVEL TO WITHIN 12" OF SURFACE (#8, #57, OR #67).
- ALL TRENCHES BEYOND 5' OCCURRING IN SEED AREAS ARE TO BE BACKFILLED WITH NATIVE FILL TO WITHIN 6" OF SURFACE. NATIVE FILL IS TO BE COMPACTED TO 98% OF ASTM D698 STANDARD PROCTOR CURVE.
- OFF-PAVEMENT AREAS SHALL BE PROVIDED WITH A MINIMUM OF 6" OF TOPSOIL OVER THE COMPACTED MATERIAL AND THEN SEEDED AND MULCHED PER ODOT ITEM 659.
- STREET AREAS SHALL FOLLOW TYPICAL SECTION 1167.20 GRAVEL DRIVE AREAS SHALL BE 12" OF 304 STABILIZED CRUSHED AGGREGATE. ASPHALT DRIVES SHALL BE REPAIRED WITH A MINIMUM OF 4" OF 448 SURFACE ASPHALT ON 8" OF 304 STABILIZED CRUSHED AGGREGATE. CONCRETE DRIVE AREAS SHALL BE 6" OF 452 PLAIN CONCRETE ON 6" OF 304 STABILIZED CRUSHED AGGREGATE.
- THE OPEN ENDS OF ALL PIPES SHALL BE PLUGGED TO THE APPROVAL OF THE CITY BEFORE LEAVING THE WORK FOR THE NIGHT.
- COMPACTED 304 IS TO BE USED UNDER CURB AND GUTTER AND SIDEWALKS WHERE DISTURBED BY CONSTRUCTION.

**WATER MAIN CROSSING SEPARATION**

WHENEVER A SANITARY SEWER AND WATER LINE MUST CROSS, THE SEWER SHALL BE LAID AT SUCH AN ELEVATION THAT THE CROWN OF THE SEWER IS AT LEAST 18 INCHES BELOW THE BOTTOM OF THE WATER LINE. IF IT IS ABSOLUTELY IMPOSSIBLE TO MAINTAIN THE 18-INCH VERTICAL SEPARATION, THE SANITARY SEWER SHALL BE CONSTRUCTED WITH WATER LINE TYPE MATERIALS WHICH WILL WITHSTAND A 50 PSI PRESSURE TEST. THESE REQUIREMENTS WILL EXTEND FOR A DISTANCE OF 10 FEET, MEASURED PERPENDICULAR, ON BOTH SIDES OF THE WATER LINE.

AT CROSSINGS, THE WATER MAIN SHALL HAVE A MINIMUM VERTICAL DISTANCE OF 18-INCHES FROM STORM AND SANITARY SEWERS. ALSO ONE FULL LENGTH OF WATER MAIN SHALL BE LOCATED SO THE JOINTS ARE AS FAR FROM THE STORM SANITARY SEWERS AS POSSIBLE.

**CITY OF URBANA WATER MAIN TRENCH DETAIL**

REVISIONS: 12-20-12 DATE APPROVED: 01-13-06 PAGE No. 1167.54

**WATER MAIN SERVICE CONNECTION**

**INSIDE WATER METER**

ALL FORD PARTS			
CORPORATION	F-1000-3	F-1000-4	FB-1000-6 FB-1000-7
CURB STOP	R-44-333	R-44-444	R-44-666 R-44-777

**NOTES**

- MINIMUM 3/4" WATER SERVICE SHALL BE COPPER TYPE K OR CTS PLASTIC TUBING.
- WATER SERVICE SHALL BE A MINIMUM OF 10' MEASURED HORIZONTALLY FROM THE SEWER SERVICE AND SHALL BE A MINIMUM OF 18" ABOVE THE CROWN OF THE SANITARY SEWER MAIN WHERE THE WATER SERVICE CROSSES THE SEWER MAIN. WATER SERVICE MAY BE LAID ON BENCH IN THE SEWER LATERAL TRENCH IF CROWN IS A LEAST 18" BELOW INVERT OF WATER SERVICE, AND THE MINIMUM DISTANCE BETWEEN THE WATER SERVICE AND THE SEWER LATERAL IS 5'-0".
- PROPERTY OWNER IS RESPONSIBLE FOR INSIDE METER FREEZE UP. CUSTOMER OR PLUMBER INSTALLS METER AND THE CITY INSTALLS REMOTE WIRE TO OUTSIDE. METERS MUST BE ON THE OUTSIDE WALL OF BUILDING.
- THE CURB BOX TO BE PLACED BETWEEN THE CURB AND PROPERTY LINE.

**CITY OF URBANA WATER MAIN SERVICE CONNECTION**

REVISIONS: 07-02-09 DATE APPROVED: 01-13-06 PAGE No. 1167.57

**ITEM SPECIAL (638) - 3/4" POLYETHYLENE WATER SERVICE LINE**  
 THIS ITEM SHALL CONFORM TO THE CITY OF URBANA WATER DEPARTMENT STANDARDS FOR RESIDENTIAL WATER SERVICE LINES. THE POLYETHYLENE WATER SERVICE SHALL BE CTS PLASTIC TUBING WITH CONNECTIONS MADE PER 1167.57 OF THE CITY OF URBANA WATER STANDARD DRAWINGS.

**ITEM 638 - WATER WORK, MISC: 8" X 4" TAPPING SLEEVE, VALVE AND VALVE BOX**  
 AT LOCATIONS SPECIFIED IN THE PLANS, FURNISH A TAPPING SLEEVE, VALVE AND VALVE BOX AND CONNECT PROPOSED 8" WATER MAINS TO EXISTING 4" WATER MAINS PER CITY OF URBANA WATER DEPARTMENT STANDARD DRAWING 1167.52 AND ODOT CMS ITEM 638.

**ITEM SPECIAL (638E20610) - 14" TAPPING SLEEVE, VALVE AND VALVE BOX**  
 AT LOCATION SPECIFIED IN THE PLANS, FURNISH A TAPPING SLEEVE, VALVE AND VALVE BOX AND CONNECT PROPOSED 8" WATER MAINS TO EXISTING 14" WATER MAIN PER CITY OF URBANA WATER DEPARTMENT STANDARD DRAWING 1167.52 AND ODOT CMS ITEM 638.

**ITEM 638 - WATER WORK, MISC: CITY OF URBANA CURB STOP**  
 CITY OF URBANA CURB STOP AND CURB BOX SHALL BE INCLUDED FOR ALL NEW WATER SERVICES CONNECTED TO NEW WATER MAINS REPLACED WITH THIS PROJECT. CURB STOP AND BOX PLACEMENT SHALL FOLLOW CITY OF URBANA WATER DEPARTMENT STANDARD DRAWING 1167.57.

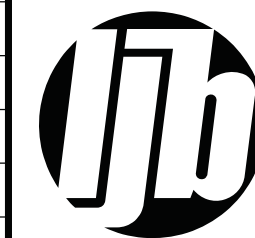
**ITEM 638 - WATER WORK, MISC: 14" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS, AWWA C900, DR18**  
 AT LOCATIONS SPECIFIED IN THE PLANS, FURNISH PROPER LENGTHS OF 14" PVC TO FACILITATE CONNECTIONS BACK INTO EXISTING MAINS. FITTINGS AND JOINTS SHALL CONFORM TO CITY OF URBANA WATER DEPARTMENT STANDARDS AND ODOT CMS ITEM 638.

**ITEM 638 - 6" FIRE HYDRANT, AS PER PLAN**  
 IN ADDITION TO THE REQUIREMENTS OF ODOT CMS ITEM 638, ALL LABOR AND MATERIALS REQUIRED TO INSTALL FIRE HYDRANT MATERIALS INCLUDING, BUT NOT LIMITED TO, HYDRANT BRANCHES, GATE (WATCH) VALVES AND VALVE BOXES AND ANY OTHER PERTINENT WORK SHALL BE INCLUDED WITH THE UNIT BID PRICE FOR ITEM 638 - 6" FIRE HYDRANT, AS PER PLAN.

REF NO.	SHEET NO.	STATION TO STATION				638	638	638	638	638	638	638	SPECIAL	638	638	638	638	638	638	638		
						4" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS, AWWA C900, DR18	6" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS, AWWA C900, DR18	8" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS, AWWA C900, DR18	12" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS, AWWA C900, DR18	WATER WORK, MISC.: 14" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS, AWWA C900, DR18	8" GATE VALVE AND VALVE BOX	14" GATE VALVE AND VALVE BOX	8" INSERTING VALVE AND VALVE BOX	12" INSERTING VALVE AND VALVE BOX	14" INSERTING VALVE WITH VALVE BOX	WATER WORK, MISC.: 8" X 4" TAPPING SLEEVE, VALVE AND VALVE BOX	8" X 6" TAPPING SLEEVE, VALVE AND VALVE BOX	8" X 8" TAPPING SLEEVE, VALVE AND VALVE BOX	12" X 8" TAPPING SLEEVE, VALVE AND VALVE BOX	6" FIRE HYDRANT, AS PER PLAN	FIRE HYDRANT REMOVED	VALVE BOX ADJUSTED TO GRADE
S. HIGH ST.					FT	FT	FT	FT	FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH			
FH-1	31	15+93.23	RT																	1		
FH-2	32	18+85.00	RT																	1		
FH-3	32	22+86.00	RT																	1		
FH-4	141	27+05.00	RT																	1		
FH-5	141	28+53.00	RT	TO	28+60.80	RT														1	1	
FH-6	141	31+20.78	RT																	1		
FH-7	142	34+50.00	RT	TO	34+39.50	RT														1	1	
FH-8	143	36+82.00	RT																	1		
FH-9	143	39+22.13	RT		39+45.38	RT														1	1	
FH-10	144	44+31.21	RT	TO	44+45.55	RT														1	1	
FH-11	145	47+93.77	RT	TO	48+46.50	RT														1	1	
FH-12	146	51+69.83	RT	TO	51+73.13	RT														1	1	
FH-13	146	55+60.65	LT																	1		
S. HIGH ST.																						
WM-1	28	0+40.90	LT	TO																	1	
WM-2	30	11+54.15	RT	TO																	4	
WM-3	31	14+67.20	RT	TO	16+24.53	RT							2									
WM-4	31	16+35.06	RT	TO																	1	
WM-5	31	16+38.81	RT	TO																	1	
WM-6	141	26+65.00	RT	TO	26+96.00	RT							2								1	
WM-7	141	26+79.15	RT	TO	28+97.03	RT		10	227				2									
WM-8	141	28+97.03	RT		E. THOMPSON ST.			10	32						1							
WM-9	134-135	28+97.03	RT	TO	34+10.70	RT			517													
WM-10	141	28+97.03	RT		W. THOMPSON ST.			10	53													
WM-11	142	34+10.70	RT		W. HOVEY ST.			10	30													
WM-12	135-136	34+10.70	RT	TO	39+06.65	RT	20		515													
WM-13	136-137	39+06.65	RT	TO	44+31.28	RT			521													
WM-14	137-138	44+31.28	RT	TO	48+16.43	LT			164				2									
WM-15	145	48+16.43	LT		WATER ST.		10		85						1							
WM-16	145	48+16.43	LT	TO	49+99.90	LT			184													
WM-17	145	49+99.90	LT		ABBAY LANE		10		15						1							
WM-18	145	49+99.90	LT	TO	52+04.26	LT			205													
WM-19	138-139	52+04.26	LT		MARKET ST.		10		79						1							
WM-20	146	52+04.26	LT	TO	56+11.91	LT			412	10											1	
WM-21	32	20+09.52	RT	TO	20+34.52	RT			25													
WM-22	144	44+31.18	RT		REYNOLDS ST.																1	
TOTALS CARRIED TO GENERAL SUMMARY					50	40	3226	10	30		17	2	6	2	2	3	3	1	1	13	6	9

WATER WORKS SUBSUMMARY

DESIGN AGENCY



DESIGNER

ARW

REVIEWER

BMG 02/27/23

PROJECT ID

112019

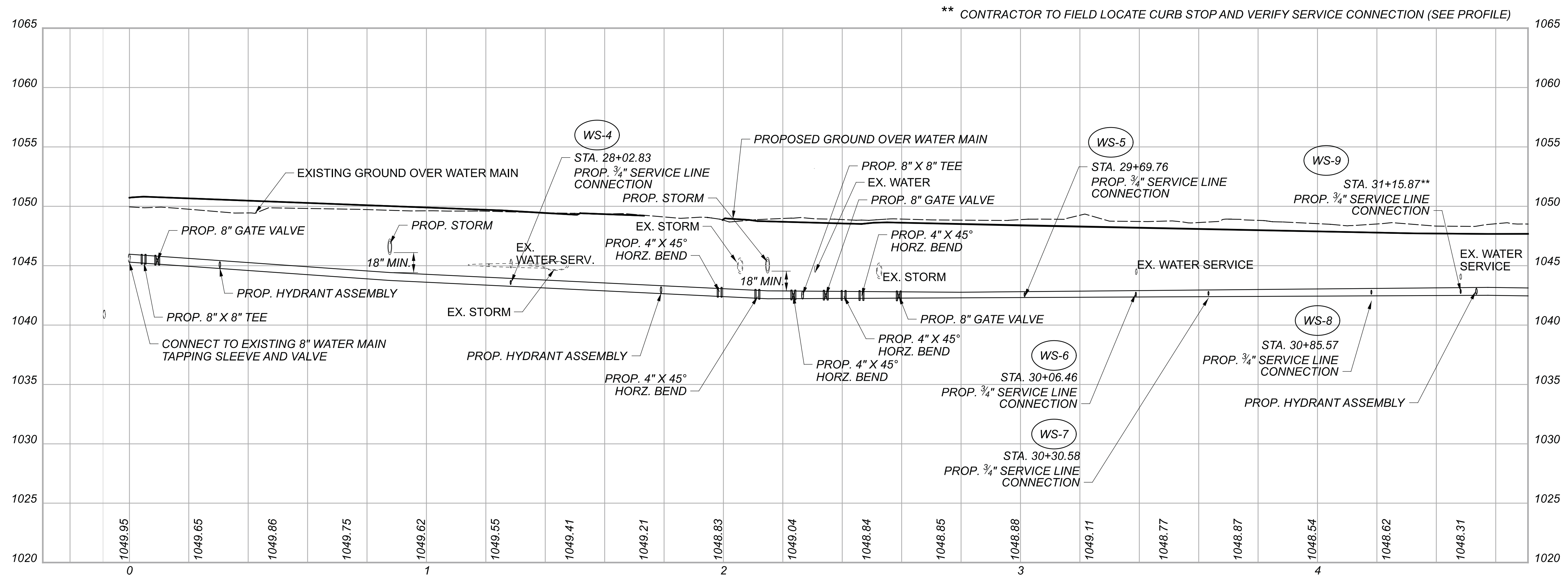
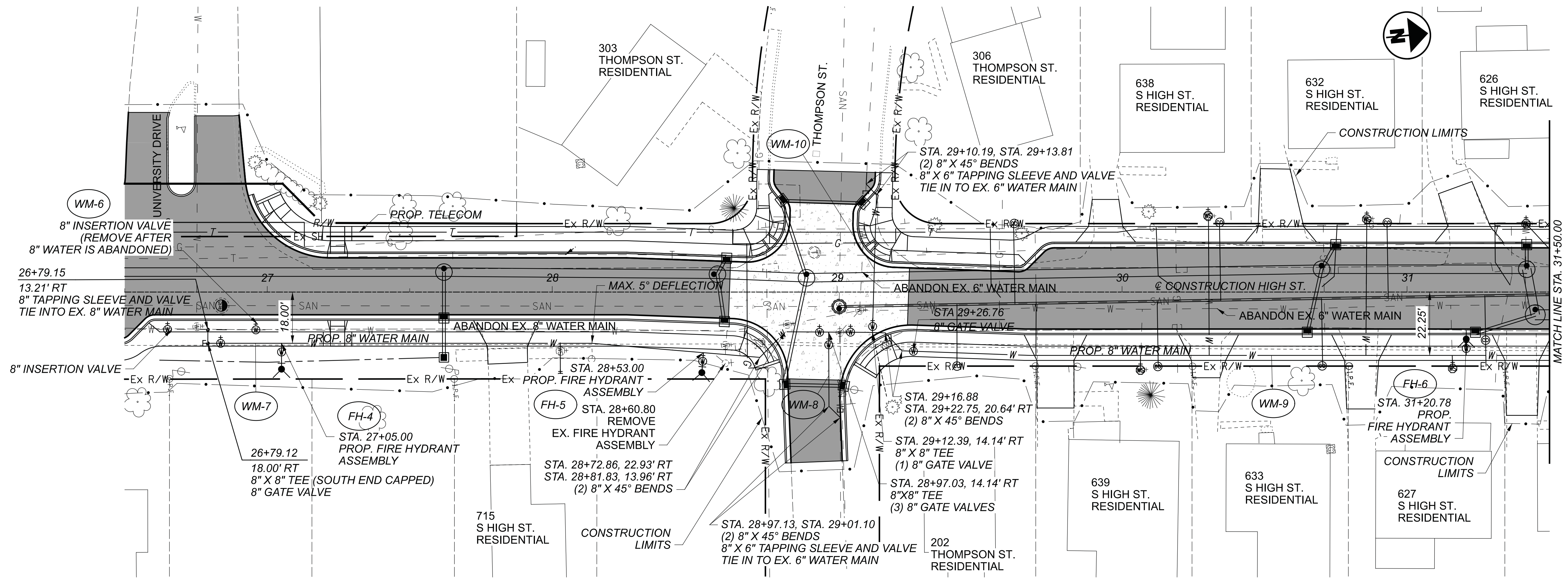
SHEET

139

TOTAL

222





\*\* CONTRACTOR TO FIELD LOCATE CURB STOP AND VERIFY SERVICE CONNECTION (SEE PROFILE)

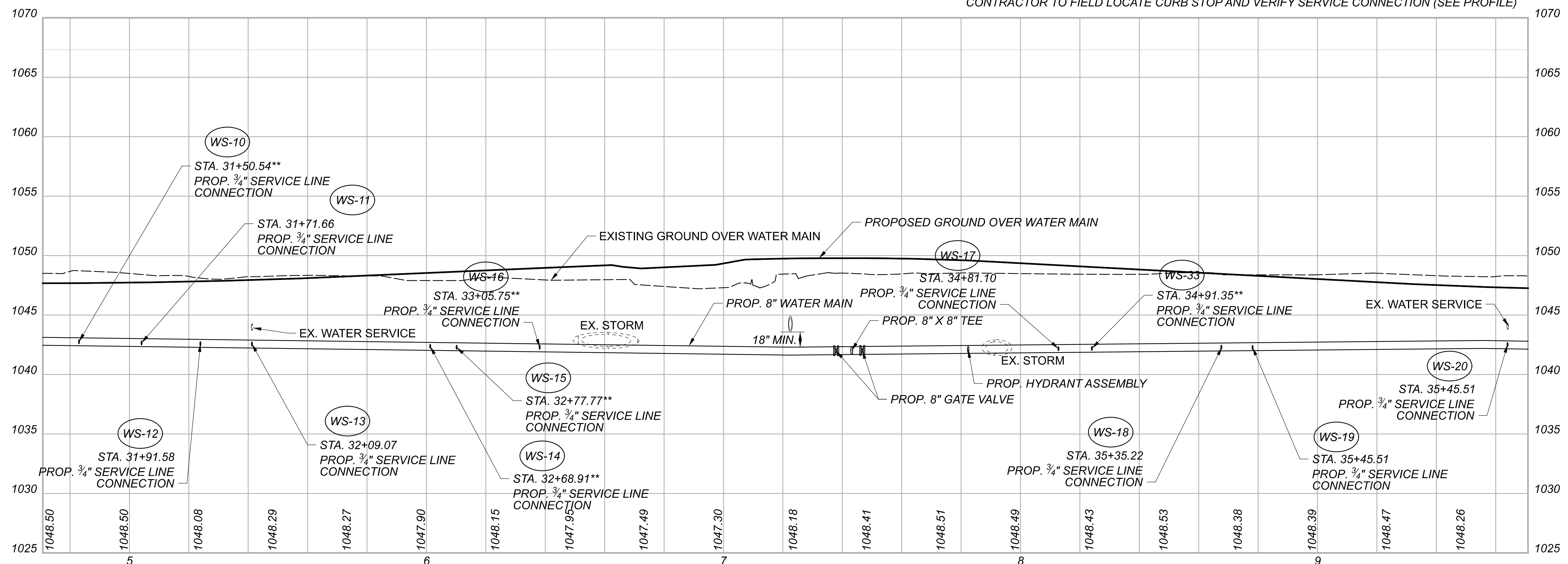
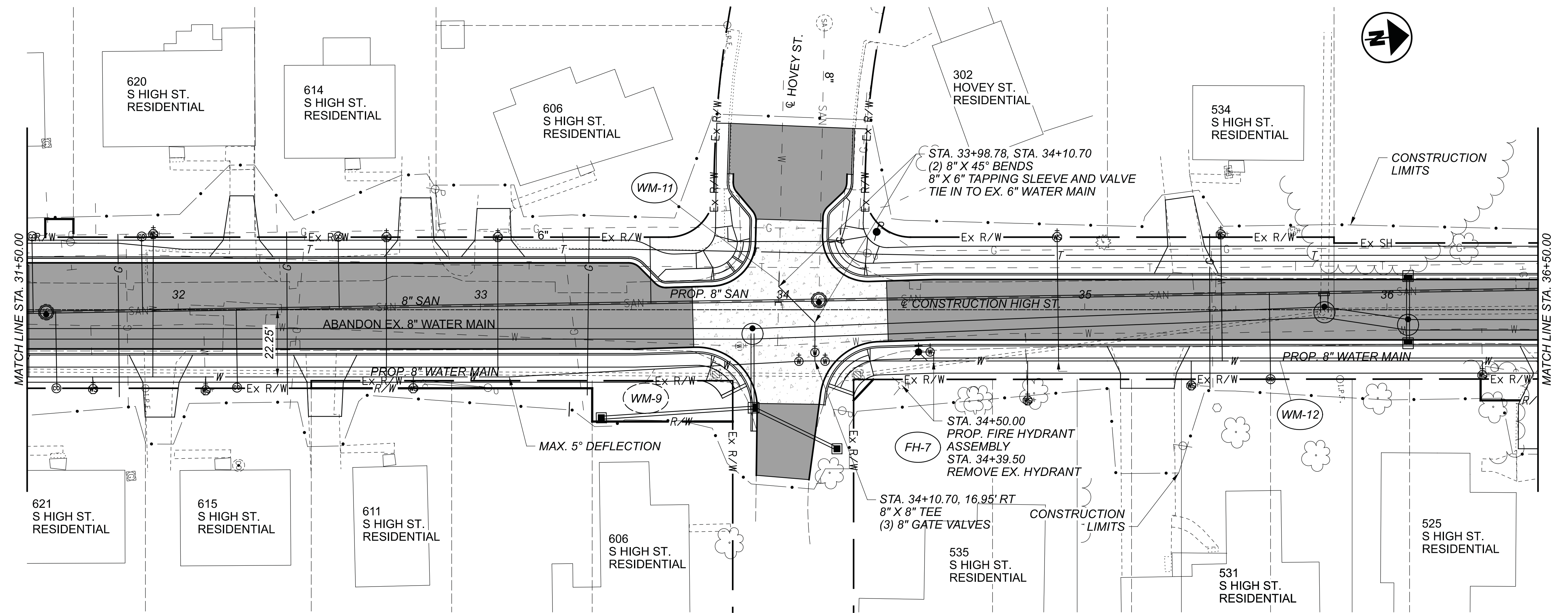


WATER WORKS  
STA. 26+79.12 TO STA. 31+50.00

DESIGN AGENCY



DESIGNER	ARW
REVIEWER	BMG 02/27/23
PROJECT ID	112019
SHEET	TOTAL
141	222



\*\* CONTRACTOR TO FIELD LOCATE CURB STOP AND VERIFY SERVICE CONNECTION (SEE PROFILE)

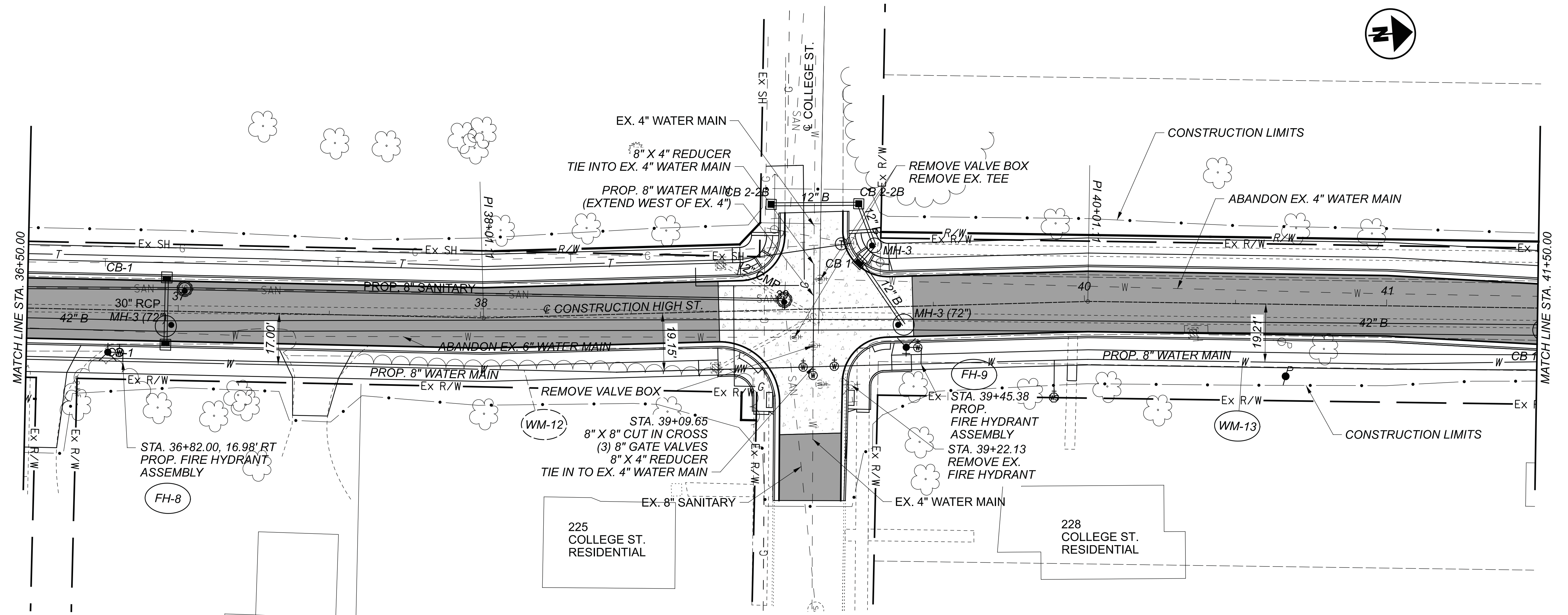


WATER WORKS  
STA. 31+50.00 TO STA. 36+50.00

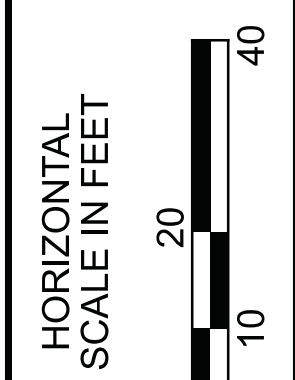
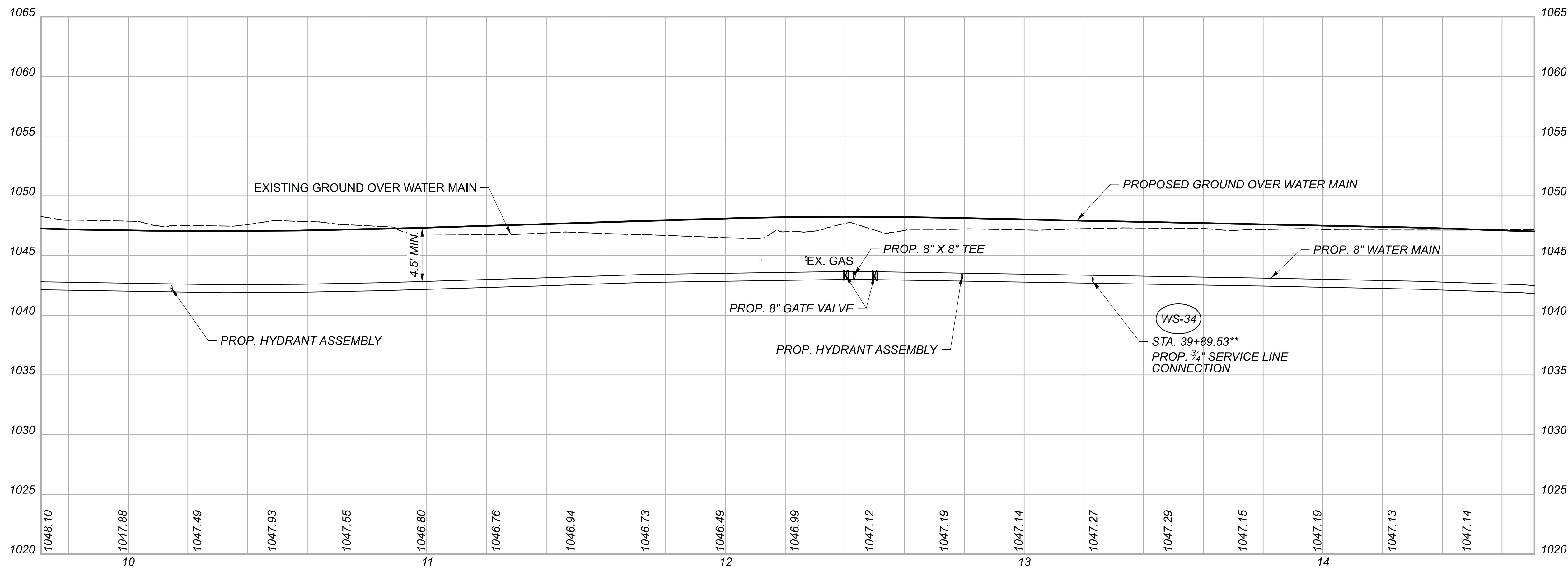
DESIGN AGENCY



DESIGNER	ARW
REVIEWER	BMG 02/27/23
PROJECT ID	112019
SHEET	TOTAL
142	222



\*\* CONTRACTOR TO FIELD LOCATE CURB STOP AND VERIFY SERVICE CONNECTION (SEE PROFILE)

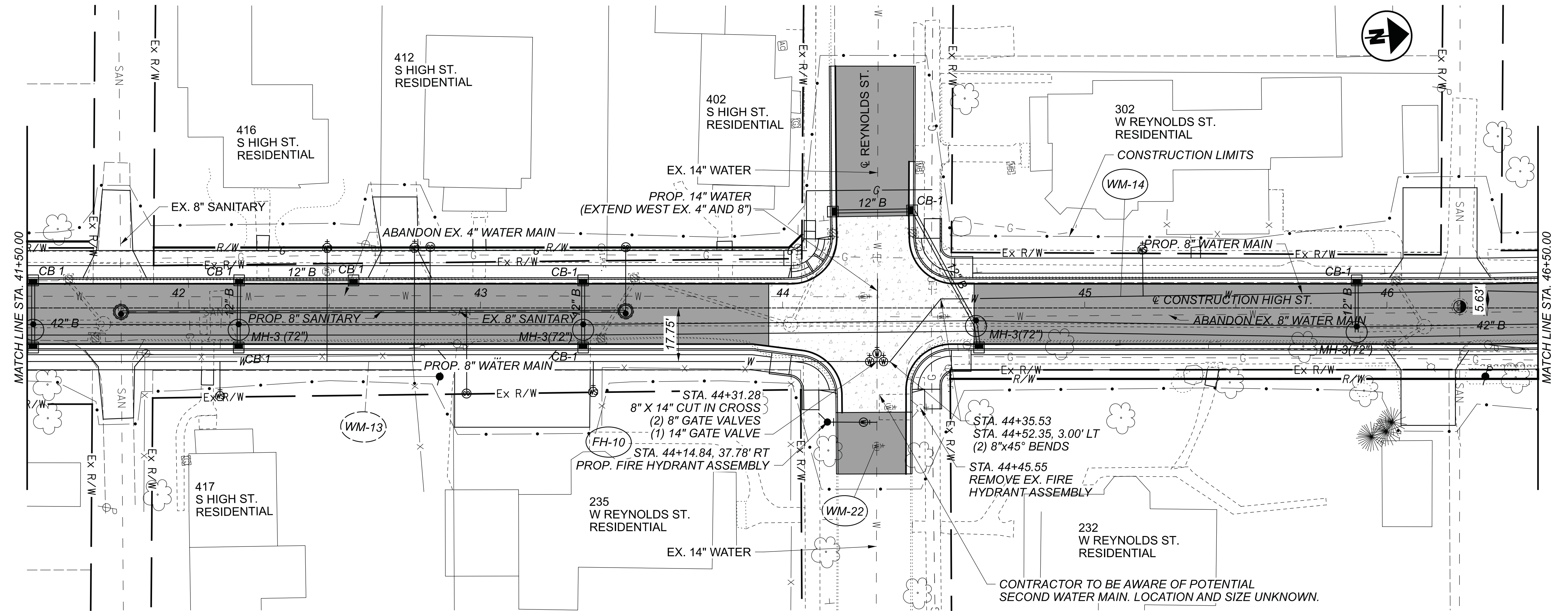


WATER WORKS  
 STA. 36+50.00 TO STA. 41+50.00

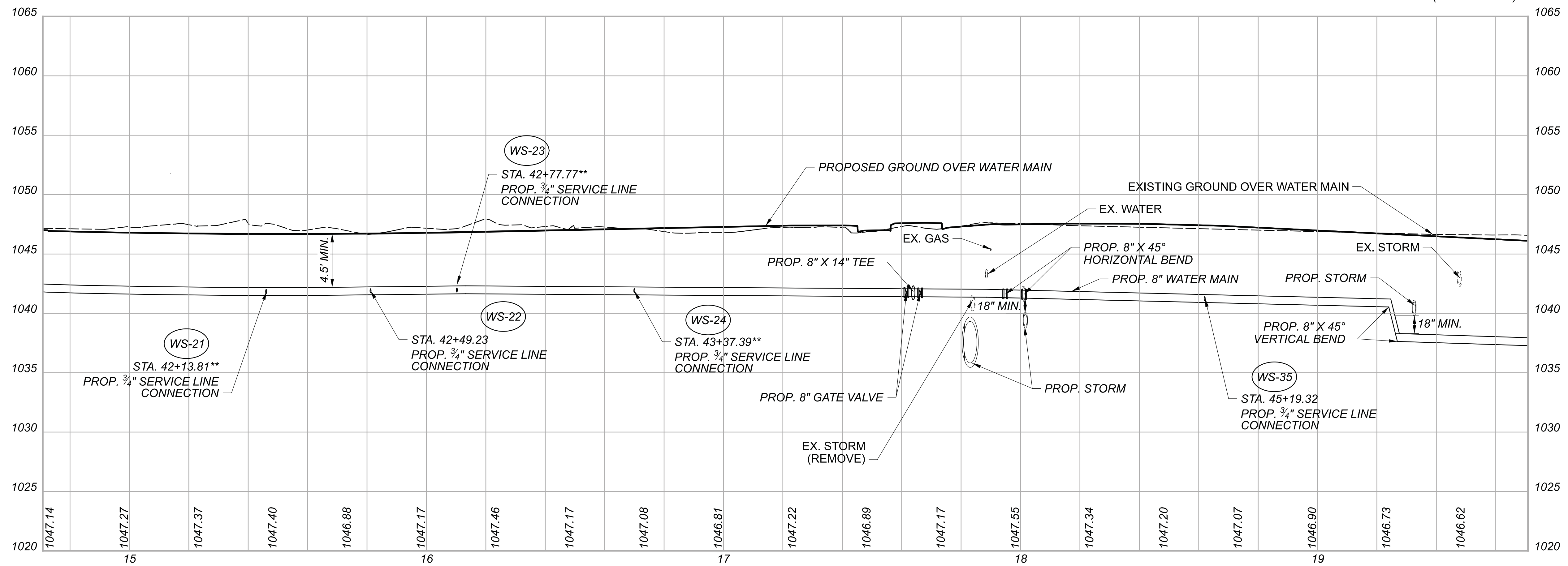
DESIGN AGENCY



DESIGNER	ARW
REVIEWER	BMG 02/27/23
PROJECT ID	112019
SHEET	TOTAL
143	222



\*\* CONTRACTOR TO FIELD LOCATE CURB STOP AND VERIFY SERVICE CONNECTION (SEE PROFILE)



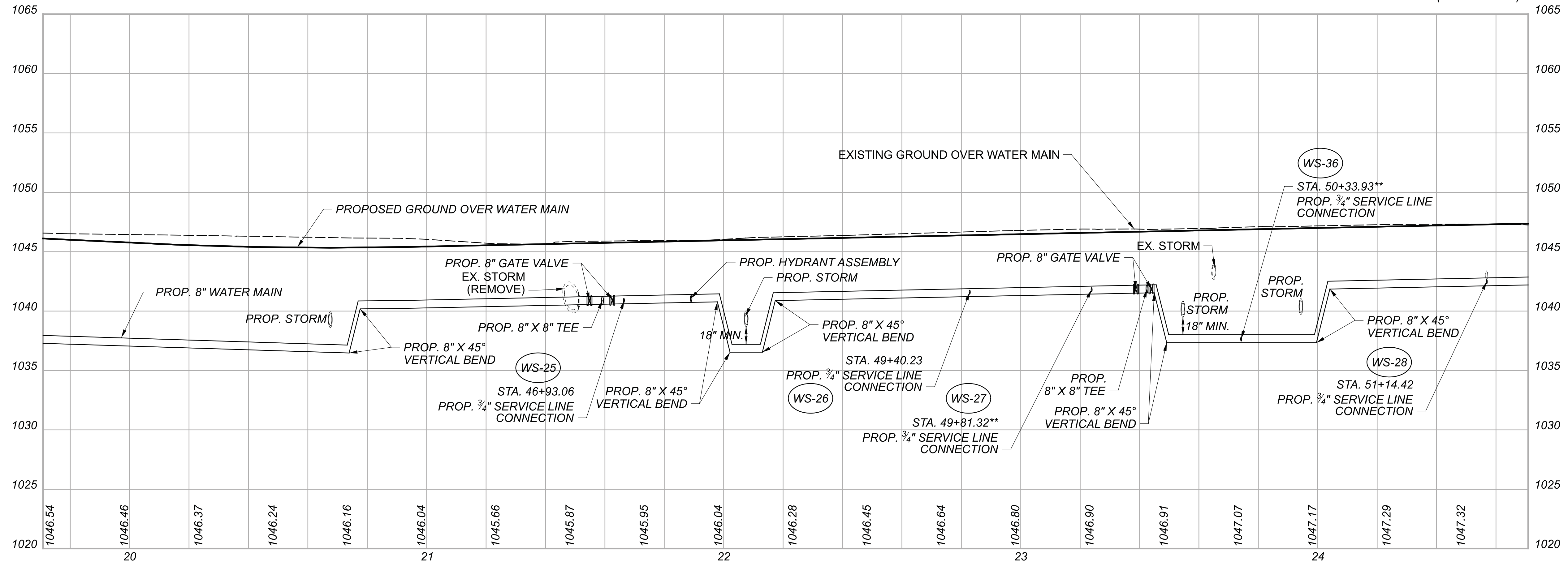
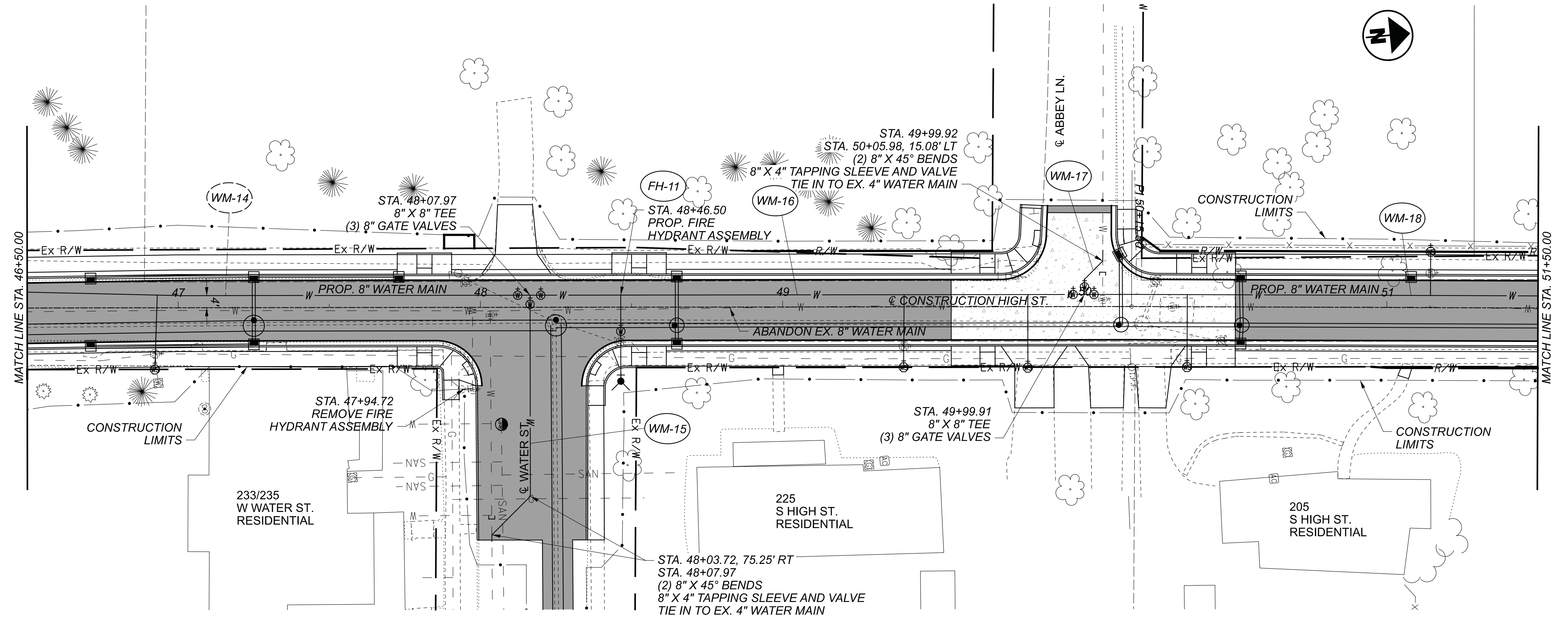
WATER WORKS  
 STA. 41+50.00 TO STA. 46+50.00

DESIGN AGENCY

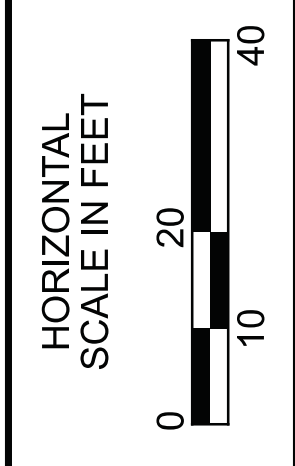


DESIGNER	ARW
REVIEWER	BMG 02/27/23
PROJECT ID	112019
SHEET	TOTAL
144	222





\*\* CONTRACTOR TO FIELD LOCATE CURB STOP AND VERIFY SERVICE CONNECTION (SEE PROFILE)

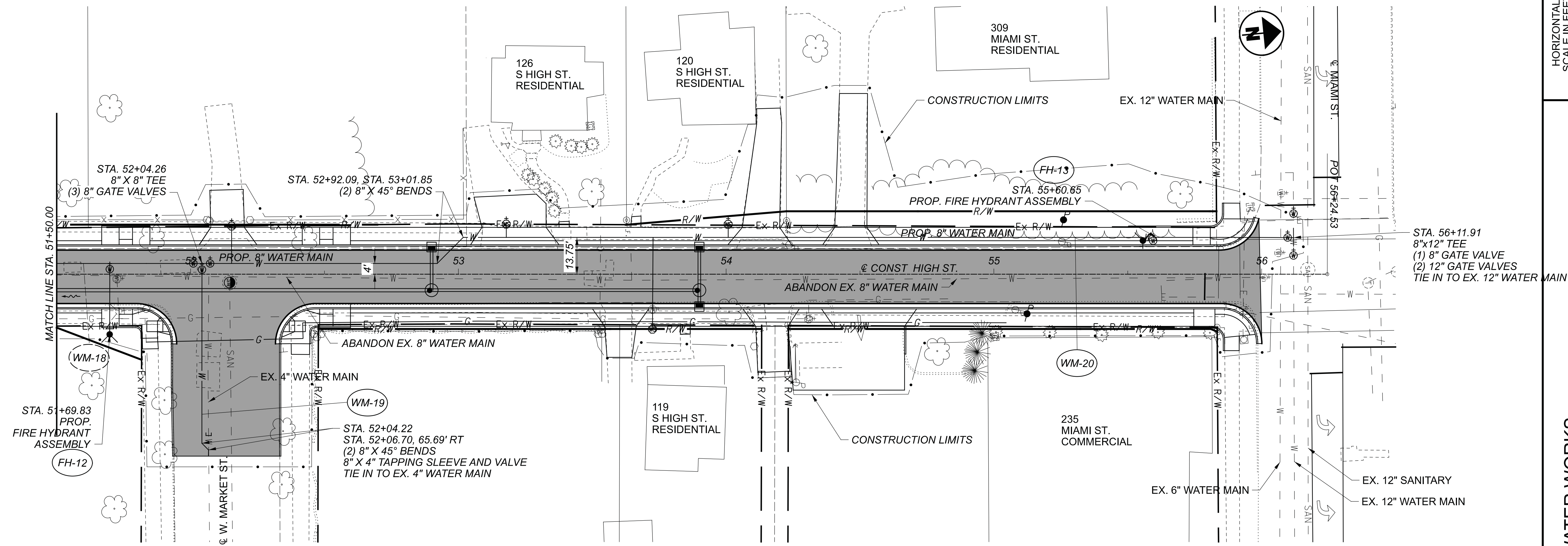


WATER WORKS  
STA. 46+50.00 TO STA. 51+50.00

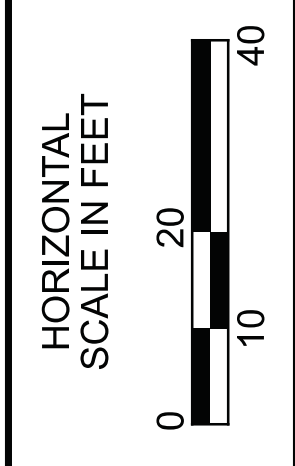
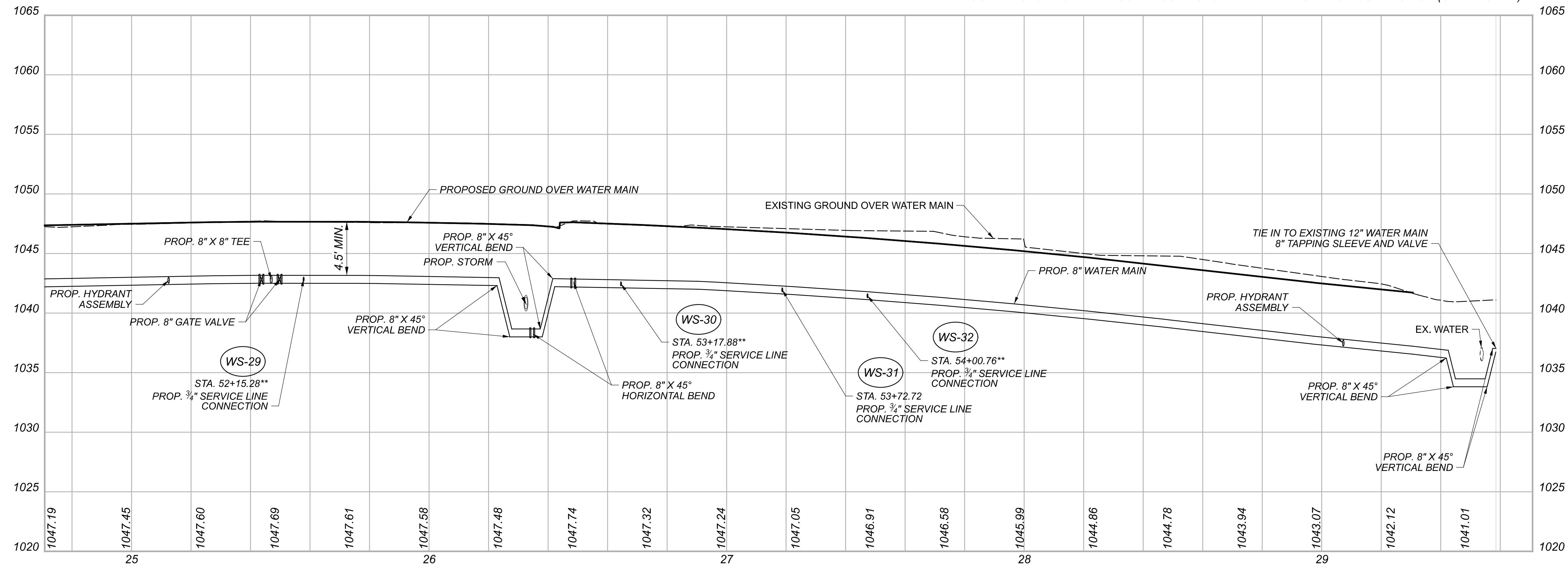
DESIGN AGENCY



DESIGNER	ARW
REVIEWER	BMG 02/27/23
PROJECT ID	112019
SHEET	145
TOTAL	222

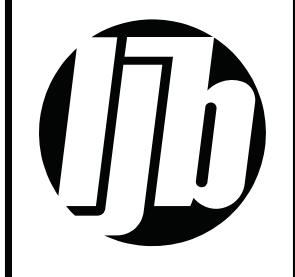


\*\* CONTRACTOR TO FIELD LOCATE CURB STOP AND VERIFY SERVICE CONNECTION (SEE PROFILE)

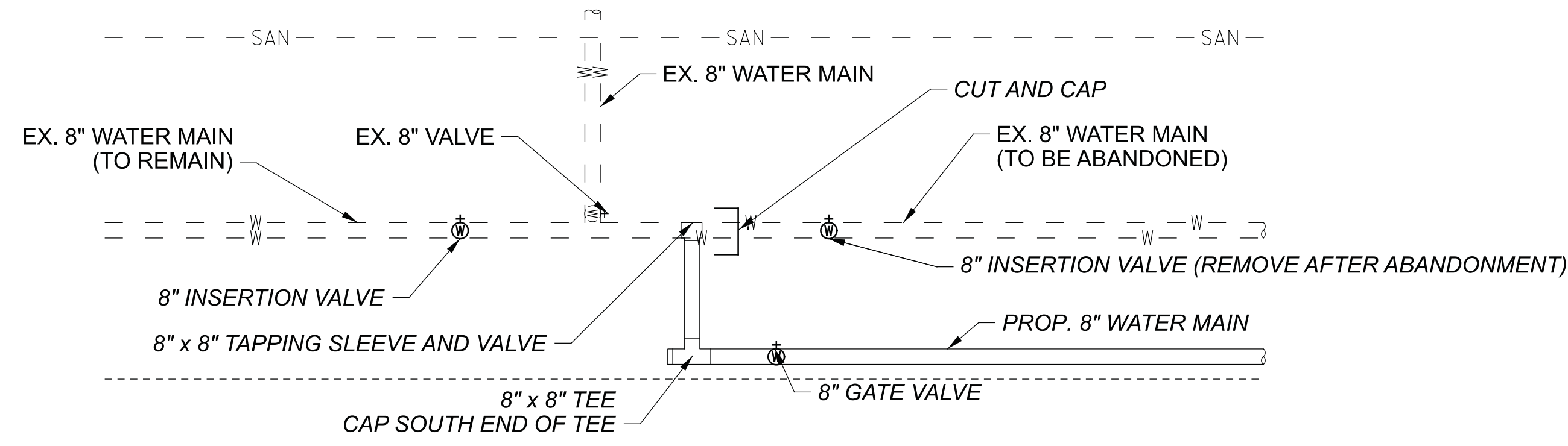


WATER WORKS  
STA. 51+50.00 TO STA. 56+11.91

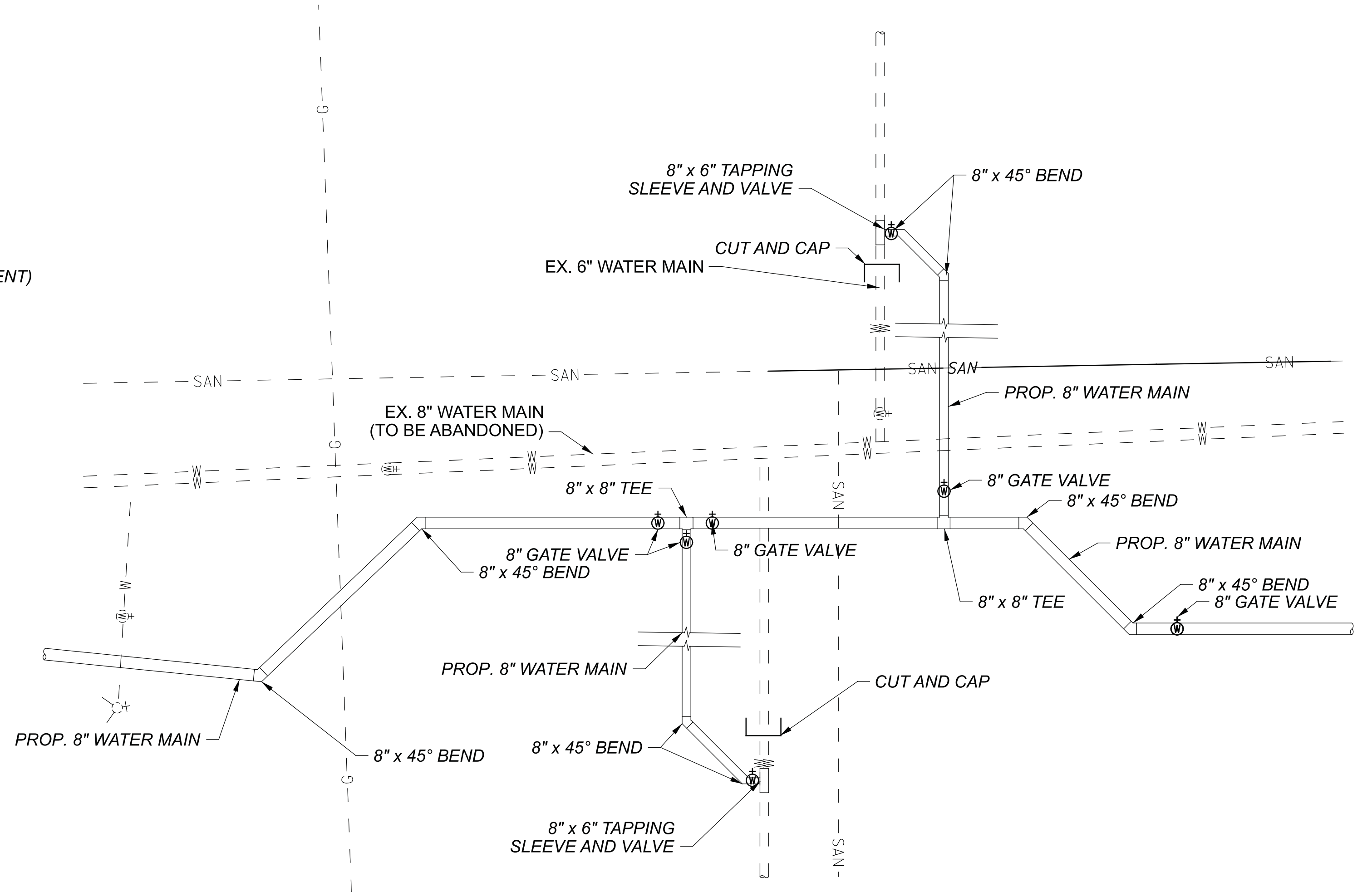
DESIGN AGENCY



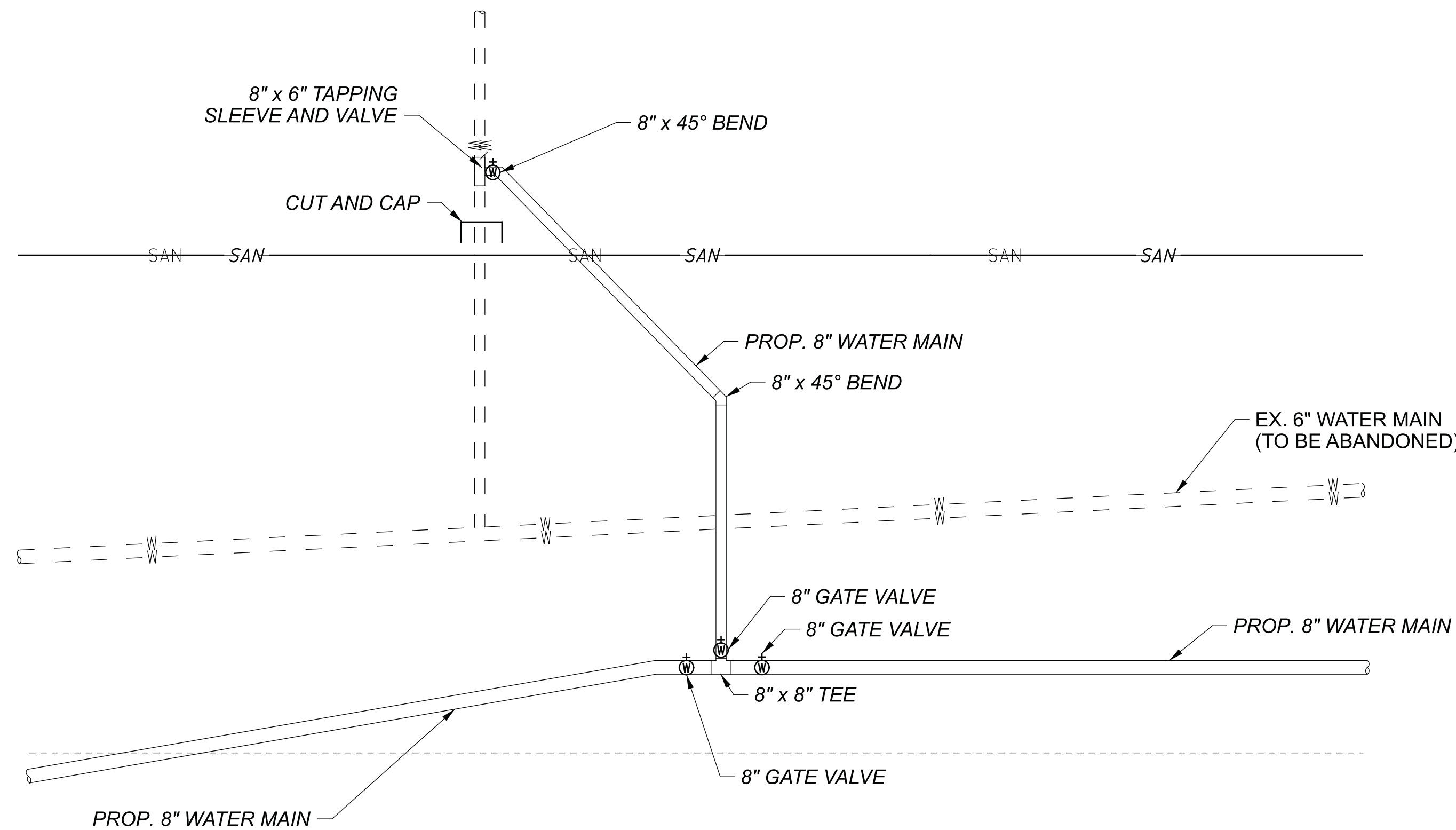
DESIGNER	ARW
REVIEWER	BMG 02/27/23
PROJECT ID	112019
SHEET	TOTAL
146	222



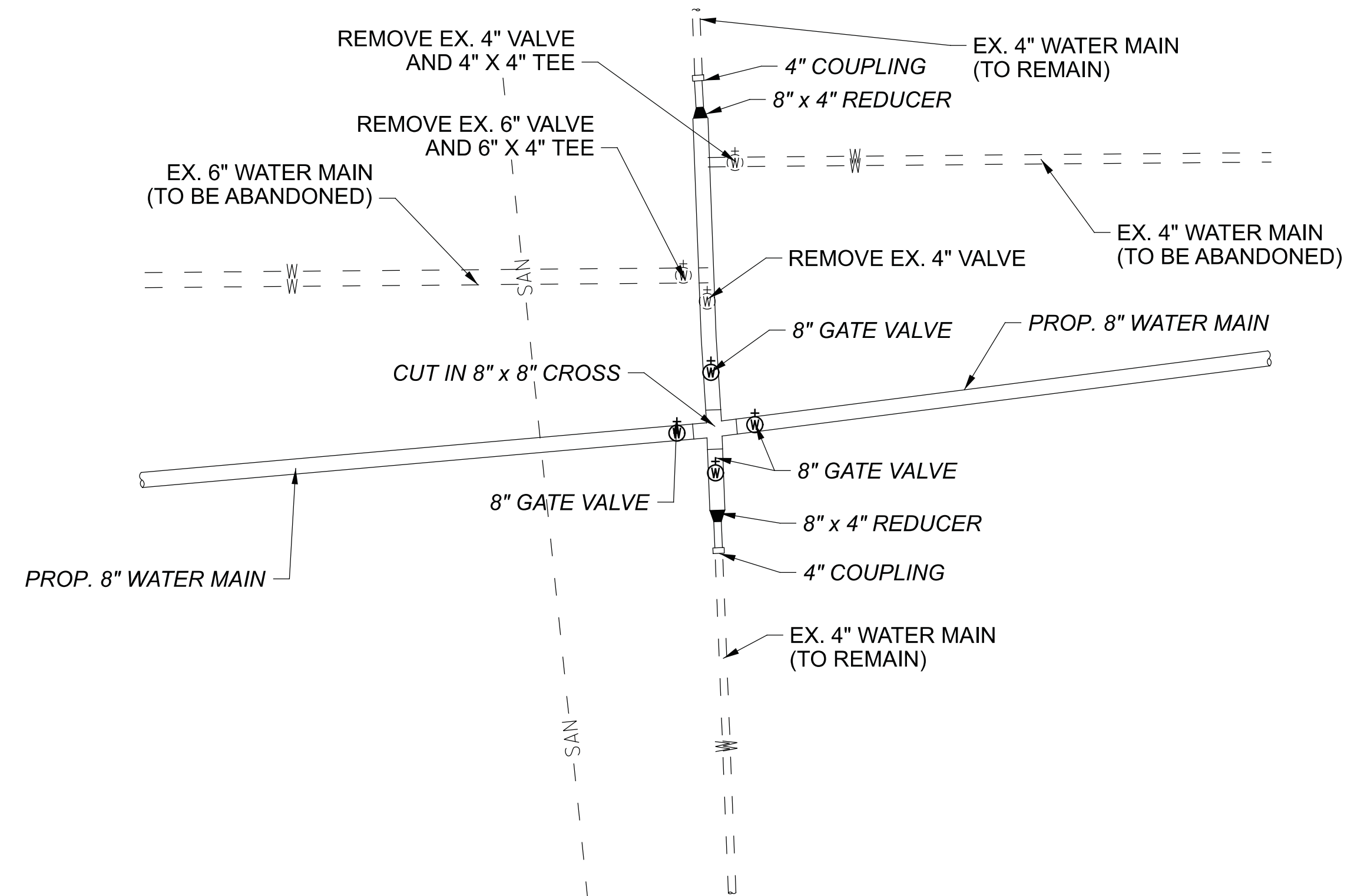
**S. HIGH ST. AND UNIVERSITY DRIVE**



**S. HIGH ST. AND THOMPSON ST.**

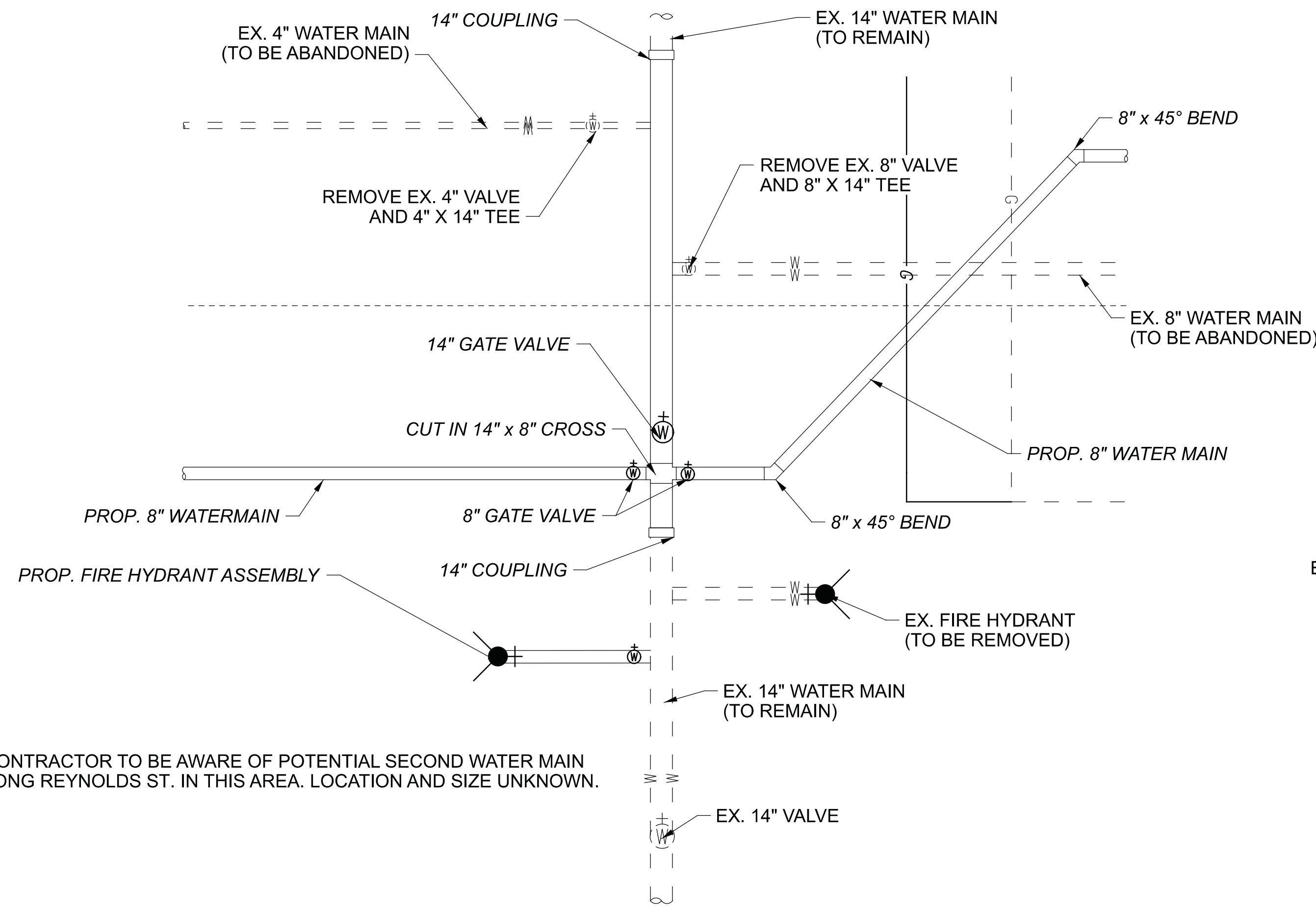


**S. HIGH ST. AND HOVEY ST.**



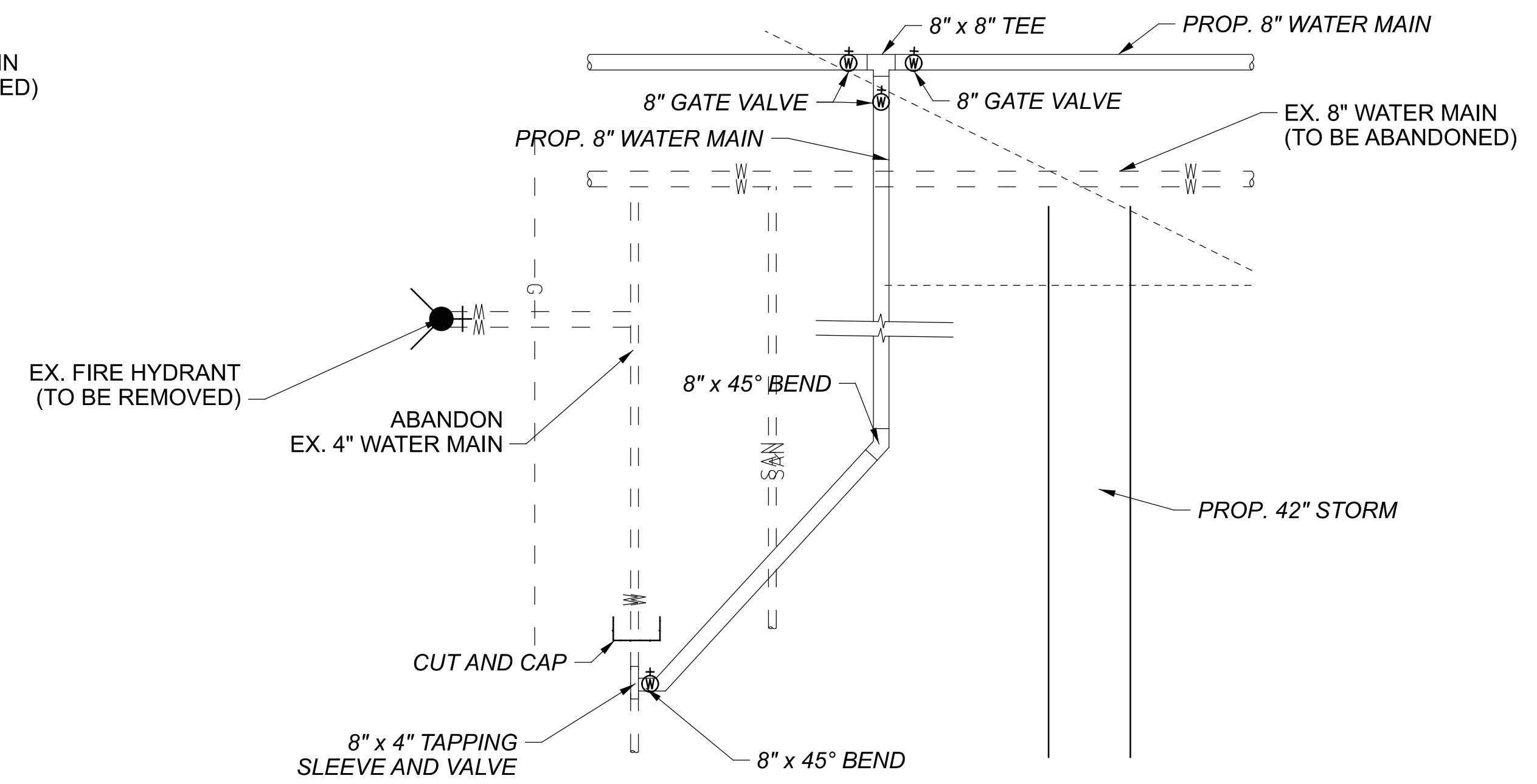
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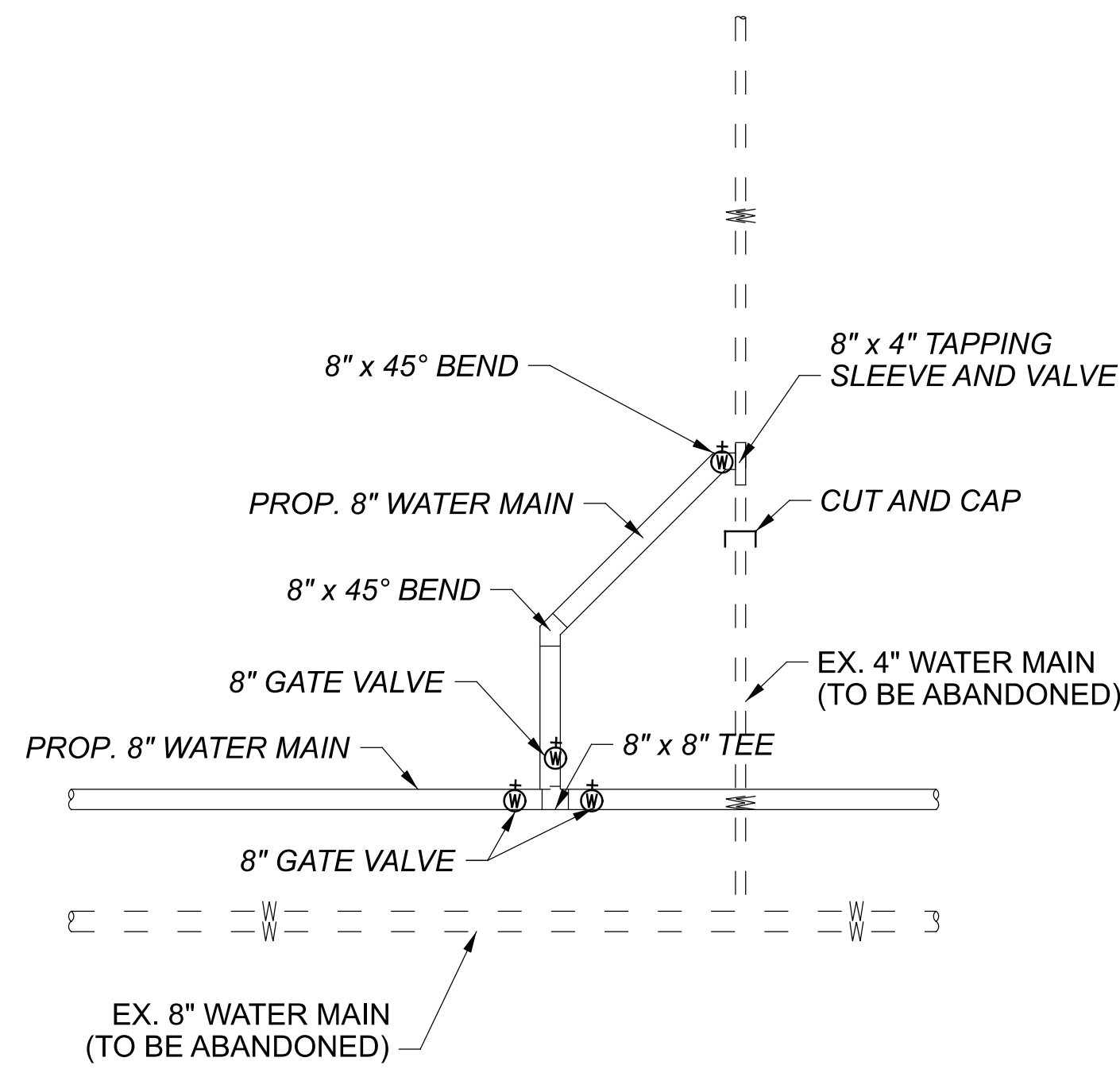


\* CONTRACTOR TO BE AWARE OF POTENTIAL SECOND WATER MAIN ALONG REYNOLDS ST. IN THIS AREA. LOCATION AND SIZE UNKNOWN.

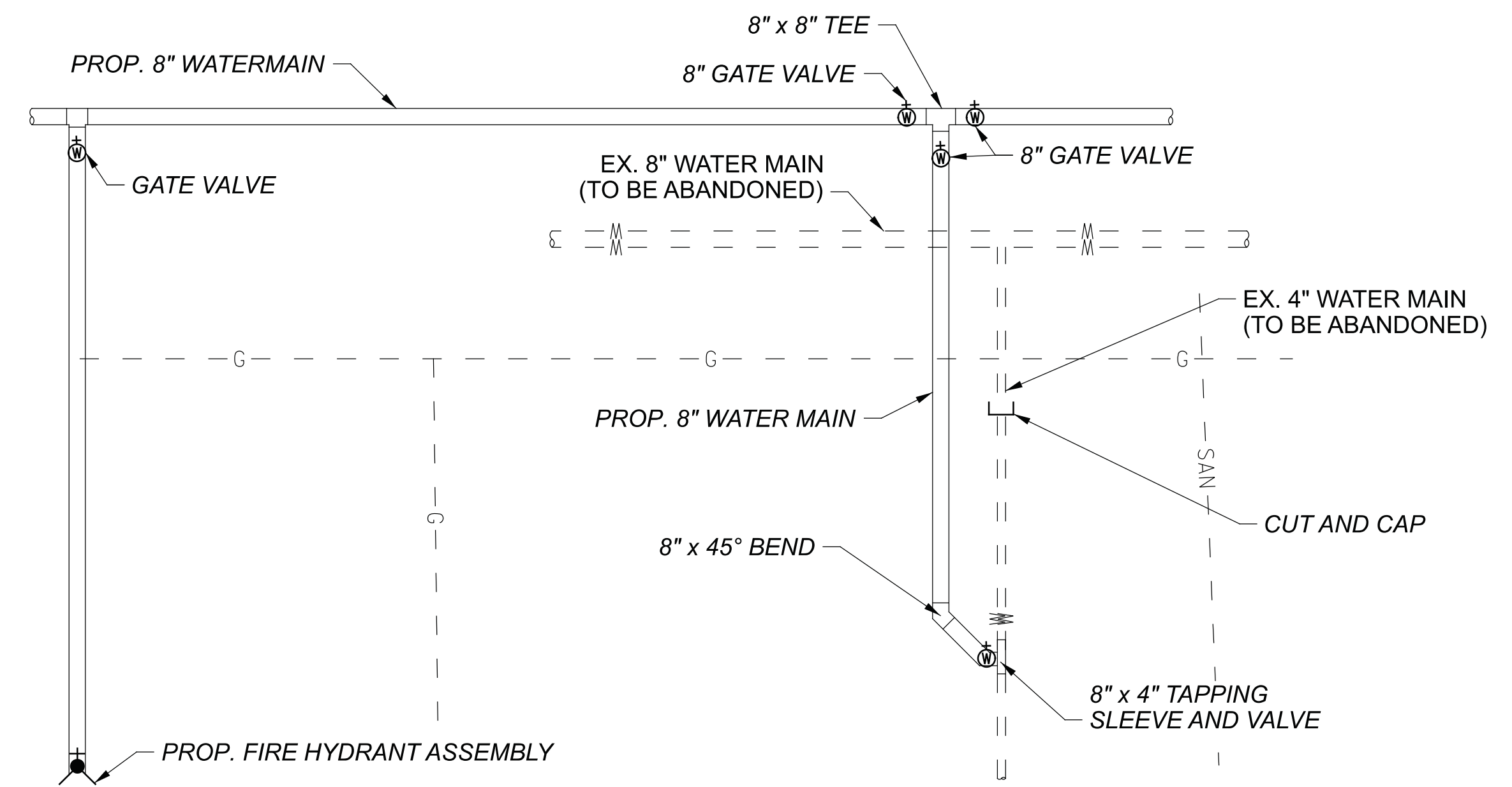
**S. HIGH ST. AND W. REYNOLDS ST.**



**S. HIGH ST. AND W. WATER ST.**

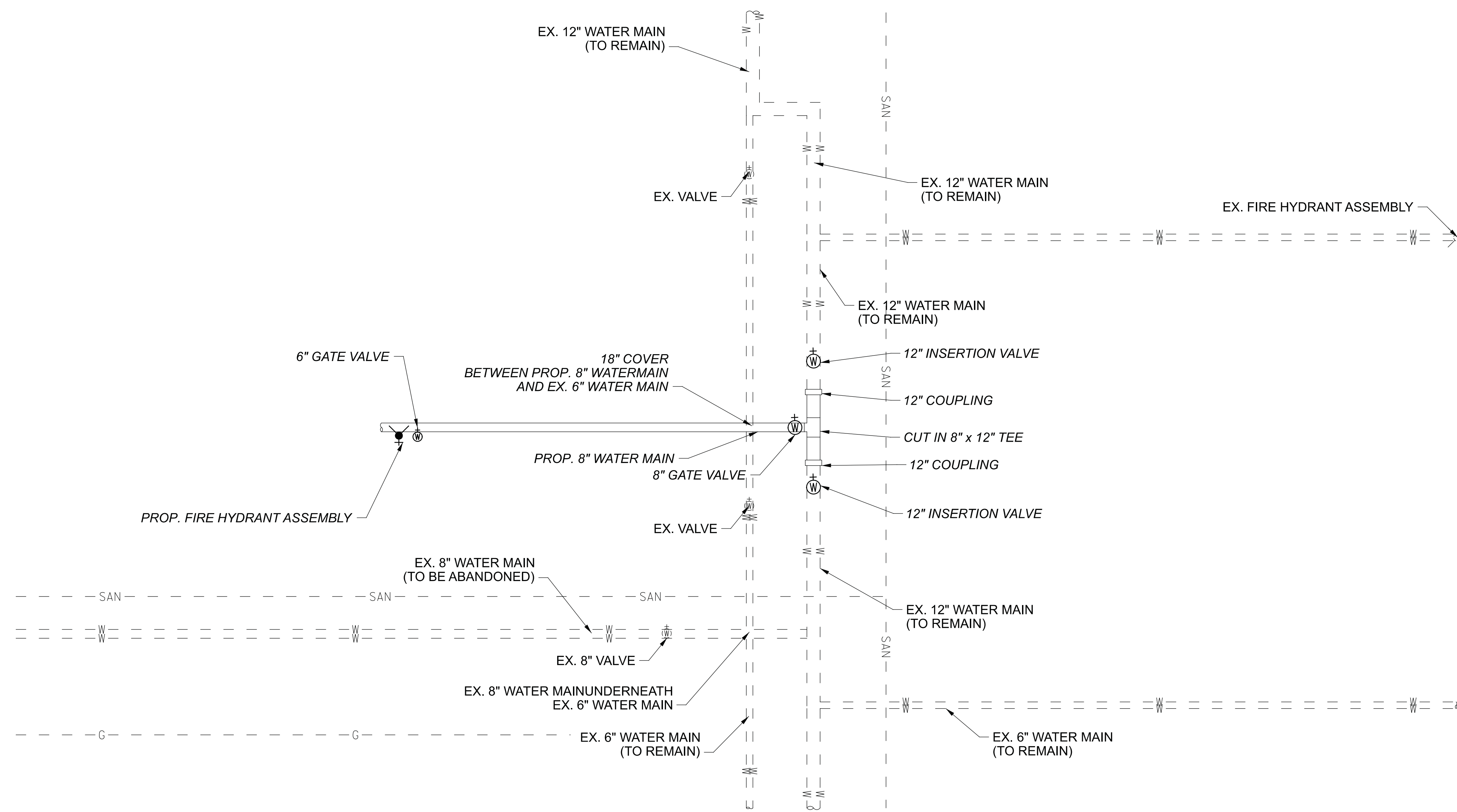



**S. HIGH ST. AND ABBEY LN.**



**S. HIGH ST. AND W. MARKET ST.**





DESIGN AGENCY	
	
DESIGNER	ARW
REVIEWER	BMG 02/27/23
PROJECT ID	112019
SHEET	TOTAL
149	222

**630 SIGNING MISC.: SOLAR-POWERED RECTANGULAR RAPID FLASHING BEACON (RRFB) SIGN ASSEMBLY**

THIS WORK SHALL CONSIST OF FURNISHING AND INSTALLING A SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON (RRFB) SIGN ASSEMBLY. THE FLASHING UNIT SHALL BE SOLAR POWERED, PEDESTRIAN ACTIVATED, AND 2-SIDED WITH TWO LED ARRAY BASED YELLOW INDICATIONS ON EACH SIDE. MULTIPLE UNITS SHALL BE WIRELESSLY CONTROLLED AND SYNCHRONIZED. THE UNIT SHALL BE COMPLIANT WITH THE MOST CURRENT OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD) AND FHWA INTERIM APPROVAL FOR RRFBs (IA-21).

**GENERAL REQUIREMENTS -**

EACH RRFB SHALL CONSIST OF TWO RAPIDLY FLASHED RECTANGULAR-SHAPED YELLOW INDICATIONS HAVING LED ARRAY BASED LIGHT SOURCE.

EACH RRFB SHALL BE A COMPLETE ASSEMBLY, CONSISTING OF BUT NOT LIMITED TO, SIGNAGE, SIGN MOUNTING HARDWARE, INDICATIONS AND ELECTRICAL COMPONENTS (WIRING, SOLID-STATE CIRCUIT BOARDS, ETC.).

EACH RRFB SHALL CONTAIN A PEDESTRIAN INDICATION LIGHT VISIBLE BY THE PEDESTRIAN IN THE DIRECTION OF TRAVEL.

**FUNCTIONAL REQUIREMENTS -**

EACH RRFB SHALL UTILIZE SOLAR POWER.

EACH RRFB SHALL BE ACTIVATED BY ADA COMPLIANT PUSHBUTTONS.

THE RRFB SHALL BE NORMALLY DARK, SHALL INITIATE OPERATION ONLY UPON PEDESTRIAN ACTUATION, AND SHALL CEASE OPERATION AFTER A PREDETERMINED TIME LIMIT (BASED ON OMUTCD PROCEDURES).

EACH REMOTE RRFB SHALL BE WIRELESSLY ACTIVATED.

ALL RRFB LIGHT INDICATIONS SHALL BE WIRELESSLY SYNCHRONIZED (ALL LIGHTS WILL TURN ON WITHIN 120 MSEC AND REMAIN SYNCHRONIZED THROUGHOUT THE DURATION OF THE FLASHING CYCLE).

THE UNIT SHALL BE CAPABLE OF RUNNING 14 DAYS WITHOUT SUNLIGHT.

**MATERIALS -**

FURNISH A COMPLETE ASSEMBLY, CONSISTING OF BUT NOT LIMITED TO, SIGNAGE, SIGN MOUNTING HARDWARE, INDICATIONS, AND ELECTRICAL COMPONENTS (WIRING, SOLID-STATE CIRCUIT BOARDS, ETC.). THE RRFB ASSEMBLY INCLUDES THE FOLLOWING ITEMS:

**1. RRFB INDICATIONS**

- A. EACH RRFB INDICATION LENS SHALL BE A MINIMUM SIZE OF APPROXIMATELY 5" WIDE X 2" HIGH.
- B. THE RRFB INDICATIONS SHALL BE ALIGNED HORIZONTALLY, WITH THE LONGER DIMENSION OF THE INDICATION HORIZONTAL. THERE SHALL BE TWO INDICATIONS ON THE FRONT AND TWO INDICATIONS ON THE BACK.
- C. EACH RRFB SHALL BE SUPPLIED WITH ALL REQUIRED HARDWARE TO INSTALL ASSEMBLY. ALL EXPOSED HARDWARE SHALL BE ANTI-VANDAL.

- D. EACH RRFB SHALL BE LOCATED BETWEEN THE BOTTOM OF THE CROSSING WARNING SIGN AND THE TOP OF THE SUPPLEMENTAL DOWNWARD DIAGONAL ARROW PLAQUE.
- E. THE LIGHT INTENSITY OF THE YELLOW INDICATIONS SHALL MEET THE MINIMUM CLASS 1 SPECIFICATIONS OF SOCIETY OF AUTOMOTIVE ENGINEERS (SAE) STANDARD J595 (DIRECTIONAL FLASHING OPTICAL WARNING DEVICES FOR AUTHORIZED EMERGENCY, MAINTENANCE, AND SERVICE VEHICLES) DATED JANUARY, 2005.
- F. TO MINIMIZE EXCESSIVE GLARE DURING NIGHTTIME CONDITIONS, AN AUTOMATIC SIGNAL DIMMING DEVICE SHALL BE USED TO REDUCE THE BRILLIANCE OF THE RRFB INDICATIONS.
- G. A SMALL LED CONFIRMATION LIGHT DIRECTED AT AND VISIBLE TO PEDESTRIANS IN THE CROSSWALK SHALL BE INSTALLED INTEGRAL TO THE RRFB OR PUSHBUTTON TO GIVE CONFIRMATION THAT THE RRFB IS IN OPERATION.
- H. THE PEDESTRIAN CONFIRMATION LIGHT SHALL BE NO SMALLER THAN 2" IN DIAMETER AND CONTAIN A MINIMUM ILLUMINANCE OF 100 LUX MEASURED AT 30 CM.

**2. SIGNS**

- A. ALL SIGN ASSEMBLIES SHALL USE ANTI-VANDAL FASTENERS TO MOUNT COMPONENTS TO SIGN AND SIGN TO FIXTURE.
- B. PEDESTRIAN PUSHBUTTONS SIGNS SHALL BE PROVIDED AND INCLUDE THE LEGEND "PUSH BUTTON TO TURN ON WARNING LIGHTS". SIGNS SHOULD BE MOUNTED ADJACENT TO OR INTEGRAL WITH EACH PEDESTRIAN PUSHBUTTON.
- C. TWO SETS OF SIGNS SHALL BE REQUIRED PER UNIT FOR VIEW FROM EACH APPROACH.
- D. ASSURE SIGN MEETS THE REQUIREMENTS OF C&MS 630.

**3. CONTROL CIRCUIT**

- A. THE CONTROL CIRCUIT SHALL HAVE THE CAPABILITY OF INDEPENDENTLY FLASHING UP TO TWO INDEPENDENT OUTPUTS. THE LED LIGHT OUTPUTS AND FLASH PATTERN SHALL BE COMPLETELY PROGRAMMABLE.
- B. THE CONTROL CIRCUIT SHALL BE SEALED WATERTIGHT TO ELIMINATE DIRT CONTAMINATION AND ALLOW FOR SAFE HANDLING IN ALL WEATHER CONDITIONS.
- C. THE LEDS SHALL BE SEALED AGAINST DUST AND MOISTURE INTRUSION AS PER THE REQUIREMENTS OF NEMA STANDARD 250-1991 FOR TYPE 4 ENCLOSURE AND TO PROTECT ALL INTERNAL LED AND ELECTRICAL COMPONENTS.

**4. BATTERY AND SOLAR PANELS**

- A. BATTERY UNIT SHALL BE A 12VDC, 35 AHR MINIMUM, SEALED GEL OR AGM LEAD ACID BATTERY. BATTERIES SHALL HAVE A WRITTEN TWO YEAR FULL REPLACEMENT WARRANTY.

- B. THE SOLAR PANEL SHALL PROVIDE A MINIMUM OF 40 WATTS PEAK TOTAL OUTPUT.
  - C. THE SOLAR PANEL SHALL BE MOUNTED TO AN ALUMINUM PLATE AND BRACKET AT AN ANGLE OF 45 DEGREES - 60 DEGREES TO PROVIDE MAXIMUM OUTPUT.
  - D. ALL FASTENERS USED SHALL BE ANTI-VANDAL.
- 5. WIRELESS RADIO**
- A. RADIO CONTROL SHALL OPERATE ON A 900 MHZ FREQUENCY HOPPING SPREAD SPECTRUM NETWORK, WI-FI OR APPROVED EQUAL.
  - B. RADIO SHALL INTEGRATE COMMUNICATION OF RRFB CONTROL CIRCUIT TO ACTIVATE SIGN FROM PUSHBUTTON INPUT.
  - C. THE RADIO SHALL BE SYNCHRONIZED SO ALL OF THE REMOTE RRFB LIGHT INDICATIONS WILL TURN ON WITHIN 120 MSEC OF EACH OTHER AND REMAIN SYNCHRONIZED THROUGH-OUT THE DURATION OF THE FLASHING CYCLE.

**6. PUSHBUTTON**

- A. THE PUSHBUTTON SHALL BE CAPABLE OF CONTINUOUS OPERATION OVER A TEMPERATURE RANGE OF -30 DEGREES F TO +165 DEGREES F.
- B. PUSHBUTTON SHALL BE ADA COMPLIANT.

- 7. PEDESTAL SHAFT AND BASE - MOUNT ON A STANDARD 4.5-INCH OD ALUMINUM PEDESTAL POLE WITH BREAKAWAY BASE. A 15 FOOT PEDESTAL POLE SHALL BE PROVIDED AND FIELD ADJUSTED AND CAPPED TO MAINTAIN THE PROPER SIGN MOUNTING HEIGHTS, UNLESS SPECIFIED OTHERWISE IN THE PLANS. POLE AND BASE MANUFACTURER SHALL BE LISTED ON ODOT'S QUALIFIED PRODUCTS LIST.

**CONSTRUCTION -**

THE RRFB SHALL BE ASSEMBLED AND CONSTRUCTED BY THE CONTRACTOR AS SHOWN AND SPECIFIED ON THE PLANS.

**WARRANTY -**

WARRANTY SHALL BE TWO YEARS FROM THE DATE OF FINAL ACCEPTANCE.

**MEASUREMENT -**

THE DEPARTMENT WILL MEASURE THE ITEM COMPLETE IN PLACE, INCLUDING ALL MATERIALS, TESTING, LABOR AND SOFTWARE FOR A FULLY FUNCTIONAL UNIT.

**PAYMENT -**

PAYMENT WILL BE AT THE CONTRACT UNIT PRICE PER EACH FOR ITEM 630 "SIGNING MISC.: SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON (RRFB) SIGN ASSEMBLY".

GROUND ROD AND 24" DIAMETER 36" DEEP PEDESTAL FOUNDATION PER TC-83.20 ARE PAID FOR SEPARATELY

**ITEM 630 SIGN, DOUBLE FACED, STREET NAME**

STREET NAME SIGNS ON THIS PROJECT ARE TO HAVE THE FOLLOWING FEATURES:

- 1. STREET NAME SIGNS SHALL HAVE A WHITE BACKGROUND WITH A BLACK BORDER AND BLACK, D SERIES LETTERING.
- 2. THE SIGN SHALL HAVE A THICKNESS OF 0.08" AND BE DOUBLE-SIDED.
- 3. THE BLADE MUST BE 8" TALL WITH 4" UPPERCASE AND LOWERCASE LETTERS FOR SIGNS ALONG SIDE STREETS AND 12" TALL WITH 6" UPPERCASE AND LOWERCASE LETTERS FOR SIGNS ALONG STATE AND U.S. ROUTES.
- 4. THE PREFIXES AND SUFFIXES SHALL BE 3" FOR SIGNS WITH 4" UPPERCASE LETTERING AND 4" FOR SIGNS WITH 6" UPPERCASE LETTERING.
- 5. FOR STREETS WITHOUT AN OUTLET, PROVIDE THE "NO OUTLET" PLAQUE ON THE STREET NAME SIGN PER THE DETAIL BELOW. LETTERING IS 3" BLACK ON A YELLOW BACKGROUND.



DESIGN AGENCY

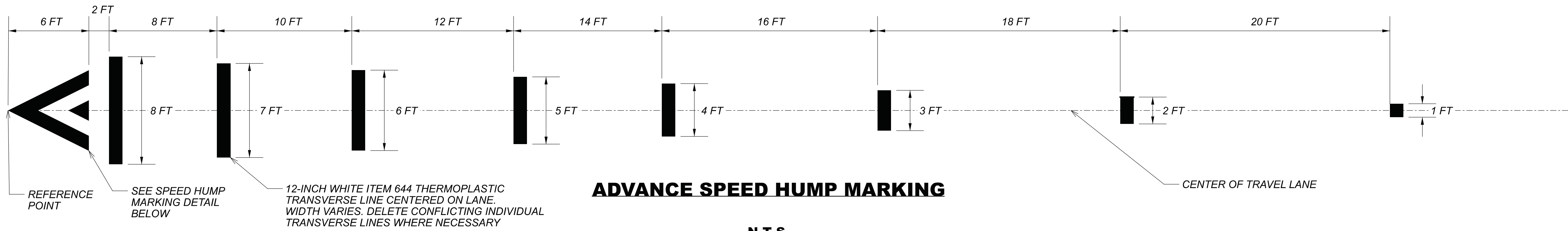


DESIGNER  
LAS

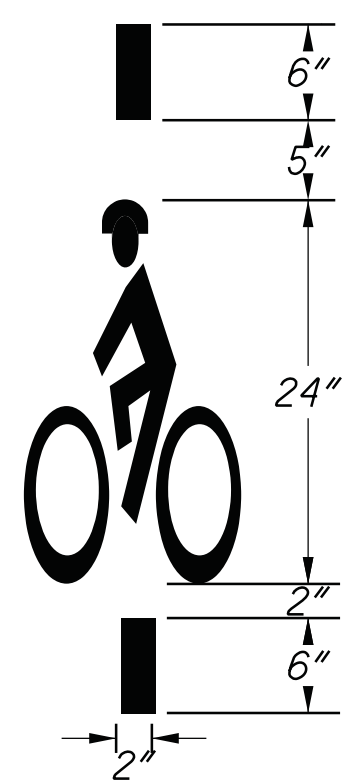
REVIEWER  
MAG 02/27/23

PROJECT ID  
112019

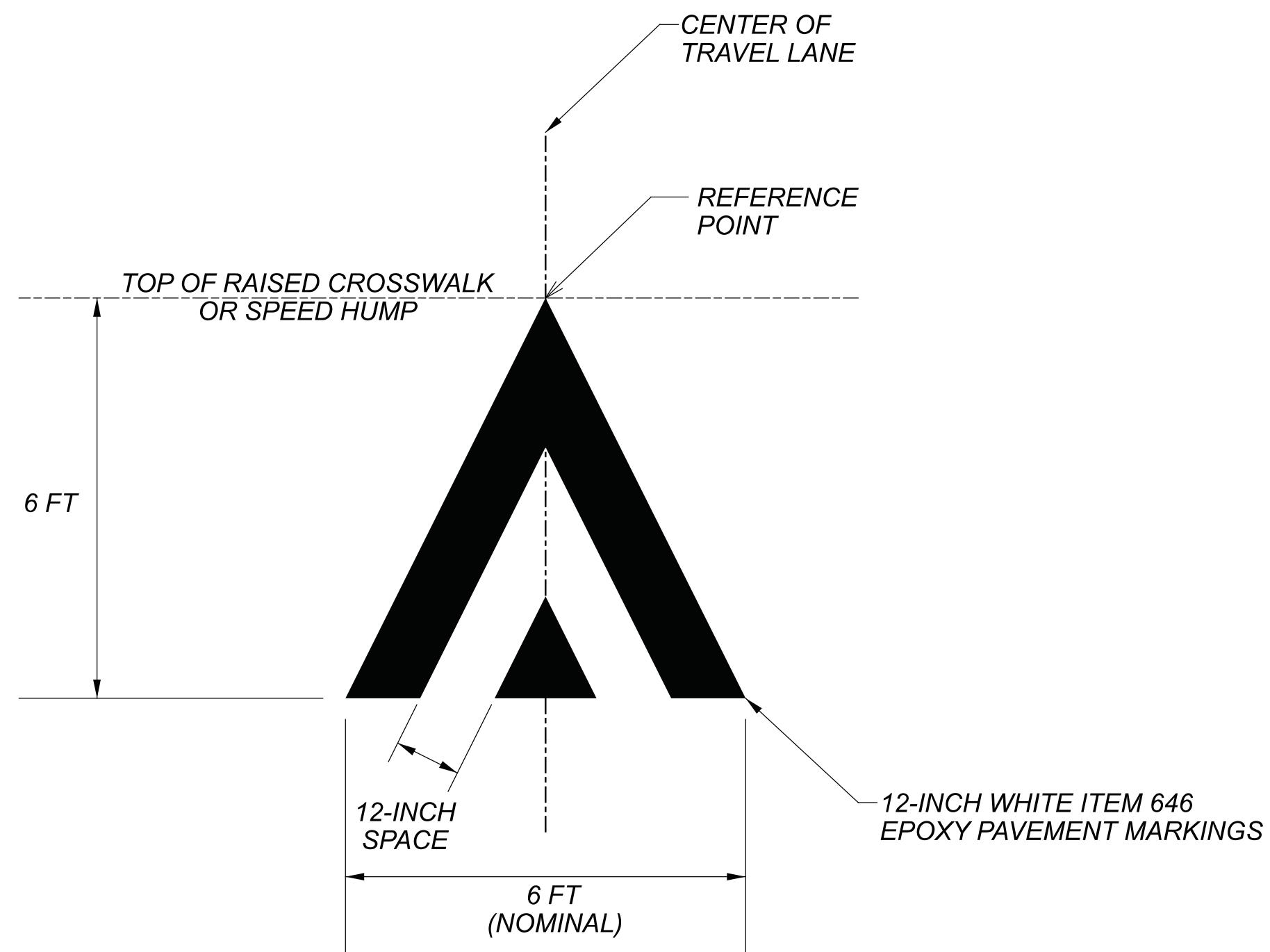
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150	222



N.T.S.

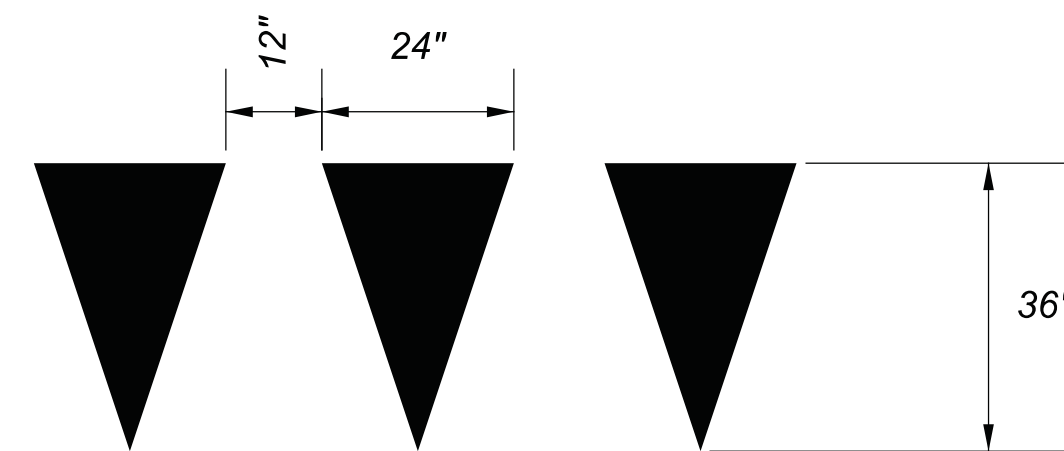


**BICYCLE DETECTOR SYMBOL**



**SPEED HUMP MARKING**

N.T.S.  
 SEE OMUTCD FIG. 3B-29 (OPTION A)



**YIELD LINE LAYOUT**

N.T.S.  
 SEE OMUTCD FIG. 3B-16

DESIGN AGENCY



DESIGNER

LAS

REVIEWER

MAG 02/27/23

PROJECT ID

112019

SHEET TOTAL


151 | 222

**CHP-S. HIGH STREET**

MODEL: Sheet PAPER: 34x22 (in.) DATE: 3/30/2023 TIME: 12:41:38 PM USER: bgressel  
 C:\City of Urbana\0118055A.00 - South High Street\112019\400-Engineering\Traffic\Sheets\112019\_TS001.dgn

REF NO.	SHEET NO.	LOCATION	STATION	SIDE	CODE	SIZE (INCHES)	630	630	630	630	630	630	630	630	625	632								
							GROUND MOUNTED SUPPORT, NO. 3 POST FT	STREET NAME SIGN SUPPORT, NO. 3 POST FT	SIGN POST REFLECTOR EACH	SIGN, FLAT SHEET SF	SIGN, DOUBLE FACED, STREET NAME EACH	SIGNING, MISC.: SOLAR-POWERED RECTANGULAR RAPID FLASHING BEACON (RRFB) SIGN ASSEMBLY EACH	REMOVAL OF GROUND MOUNTED SIGN AND STORAGE EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL EACH	GROUND ROD EACH	PEDESTAL FOUNDATION EACH								
SN1	164	LEWIS B MOORE	864+78	RT	W11-2-36	36 X 36	14		1	9.00														
					W16-4P-30	30 X 24				5.00														
SN2	164	LEWIS B MOORE	867+74	RT	R1-5-36	36 X 36	14		1	9.00														
SN3	164	LEWIS B MOORE	868+28	LT	W16-7PL-30	30 X 18				3.75			1			1	1							
					W11-2-36	36 X 36				9.00														
					W11-2-36	36 X 36				9.00														
					W16-7PL-30	30 X 18				3.75														
					R10-25-9	9 X 12				0.75														
SN4	164	LEWIS B MOORE	868+63	LT	R1-5-36	36 X 36	14		1	9.00														
SN5	164	S HIGH	0+47	LT	W4-4P-36	36 X 18	14			4.50														
					R1-1-36	36 X 36			1	9.00														
					W4-4P-36	36 X 18				4.50														
SN6	164	S HIGH	0+86	LT	R5-1B-12	12 X 18	14			1.50														
					R3-9DP-30	30 X 12				2.50														
					R4-11-30	30 X 30				6.25														
					R9-3CP-12	12 X 12				1.00														
SN7	164	S HIGH	1+36	LT	R3-H8BH-36	36 X 30	14			7.50														
SN8	164	S HIGH	0+25	LT	EX	-										2		1						
SN9	164	LEWIS B MOORE	868+29	RT	W16-7PL-30	30 X 18				3.75			1			1	1							
					W11-2-36	36 X 36				9.00														
					W11-2-36	36 X 36				9.00														
					W16-7PL-30	30 X 18				3.75														
					R10-25-9	9 X 12				0.75														
SN10	164	LEWIS B MOORE	868+81	RT	R3-H8BH-36	36 X 30	14			7.50														
SN11	164	LEWIS B MOORE	868+80	RT	EX	-										1		1						
SN12	164	LEWIS B MOORE	868+85	RT	W4-4P-36	36 X 18	14			4.50														
					R1-1-36	36 X 36			1	9.00														
					W4-4P-36	36 X 18				4.50														
SN13	164	LEWIS B MOORE	870+88	LT	W11-2-36	36 X 36	14		1	9.00														
					W16-4P-30	30 X 24				5.00														
SN14	164	S HIGH	0+60	RT	D3-1-58	64 X 12		28																
					D3-1-46	38 X 12																		
					R5-H2B-24	24 X 24				4.00														
					R5-H2B-24	24 X 24				4.00														
SN15	164	S HIGH	1+12	RT	R5-1B-12	12 X 18	14			1.50														
					R3-9CP-30	30 X 12				2.50														
					R4-11-30	30 X 30				6.25														
					R9-3CP-12	12 X 12				1.00														
SN16	164	S HIGH	2+10	RT	R2-1-24	24 X 30	14			5.00														
SN17	165	S HIGH	5+25	LT	EX	-										1		1						
SN18	165	S HIGH	5+67	LT	W17-1-30	30 X 30	14		1	6.25														
SN19	165	S HIGH	6+72	LT	R5-1B-12	12 X 18	14			1.50														
					R4-11-30	30 X 30				6.25														
					R9-3CP-12	12 X 12				1.00														
SN20	165	S HIGH	3+50	RT	W17-1-30	30 X 30	14		1	6.25														
SN21	165	S HIGH	5+87	RT	R5-1B-12	12 X 18	14			1.50														
					R4-11-30	30 X 30				6.25														
					R9-3CP-12	12 X 12				1.00														
TOTALS CARRIED TO GENERAL SUMMARY							210	28	8	215.00	9	2	6		5	2	2							

**TRAFFIC CONTROL SUBSUMMARY**

DESIGN AGENCY  
  
 DESIGNER  
 MAS  
 REVIEWER  
 LAS 02/27/23  
 PROJECT ID  
 112019  
 SHEET TOTAL  
 152 | 222














CHP-S. HIGH STREET

MODEL: Sheet PAPER: 34x22 (in.) DATE: 3/30/2023 TIME: 12:41:41 PM USER: bgressel  
 C:\City of Urbana\0118055A.00 - South High Street\112019\400-Engineering\Traffic\Sheets\112019\_TS007.dgn

REF NO.	SHEET NO.	LOCATION	STATION	SIDE	CODE	SIZE (INCHES)	630	630	630													
							GROUND MOUNTED SUPPORT, NO. 3 POST	SIGN POST REFLECTOR	SIGN, FLAT SHEET	FT	EACH	SF										
SN142	165	S HIGH	4+53	LT	W11-2-30	30 X 30	14	2	6.25													
					W16-7PL-24	24 X 12																
					W11-2-30	30 X 30																
					W16-7PL-24	24 X 12																
SN143	165	S HIGH	5+15	LT	R1-5-36	36 X 36	14	1	9.00													
SN144	165	S HIGH	4+05	RT	R1-5-36	36 X 36	14	1	9.00													
SN145	165	S HIGH	4+67	RT	W11-2-30	30 X 30	14	2	6.25													
					W16-7PL-24	24 X 12																
					W11-2-30	30 X 30																
					W16-7PL-24	24 X 12																
SN146	167	POWELL AVE			W17-1-30	30 X 30	14	1	6.25													
SN147	167	POWELL AVE			W17-1-30	30 X 30	14	1	6.25													
SN148	172	COLLEGE ST			W17-1-30	30 X 30	14	1	6.25													
SN149	172	COLLEGE ST			W17-1-30	30 X 30	14	1	6.25													
TOTALS CARRIED TO GENERAL SUMMARY							112	10	76.00													

TRAFFIC CONTROL SUBSUMMARY

DESIGN AGENCY  
  
 DESIGNER  
 MAS  
 REVIEWER  
 LAS 02/27/23  
 PROJECT ID  
 112019  
 SHEET TOTAL  
 158 | 222



REF NO.	SHEET NO.	STATION TO STATION		644	644	644	644	644	644	644	644	644	644	644	644	644	644	644		
				EDGE LINE, 4"	CENTER LINE	STOP LINE	CROSSWALK LINE, 12"	CROSSWALK LINE, 24"	DOTTED LINE, 4"	SHARED LANE MARKING	YIELD LINE	PAVEMENT MARKING, MISC.:SPEED HUMP MARKING	PAVEMENT MARKING, MISC.:ADVANCE SPEED HUMP MARKING							
		TO		644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	
				MILE	MILE	FT	FT	FT	FT	FT	FT	EACH	FT	EACH	EACH	EACH				
S5	165	11+64				11														
S6	165	11+98				10														
D3	165-166	11+98	15+97		0.08															
E3	165-166	12+36	15+70	0.10																
E4	165-166	12+38	15+74	0.10																
G4	166	13+10	13+31							42										
G5	166	13+97	14+18							42										
G6	166	14+97	15+55							116										
G7	166	17+40	17+61							42										
G8	166	17+83	18+10							54										
B13	166	13+61										1								
B14	166	14+45										1								
B15	166	15+78										1								
B16	166	16+82										1								
Y3	166	15+47											12							
U3	166	15+98												1						
Z3	166	15+98																		
X8	166	15+96					43	27												
X9	166	16+16					42													
X10	166	16+20					59													
S7	166	16+19				9														
S8	166	16+32				12														
X11	166	16+52					46	27												
U4	166	16+63												1						
Z4	166	16+63																		1
D4	167-169	16+63	26+10		0.18															
Y4	168	17+12																		
E5	167-169	16+88	26+60	0.24																
E6	167-169	16+92	26+57	0.22																
B17	167	18+14																		
B18	167	18+77																		
B19	167	20+15																		
B20	167	20+78																		
B21	167	22+16																		
B22	167	22+77																		
G9	167	18+40	18+61							42										
G10	167	18+90	19+11							42										
G11	167	19+57	20+08							102										
G12	167	21+00	21+44							88										
G13	167	21+93	22+32							78										
G14	167	22+99	23+60							122										
U5	167	21+76												1						
Z5	167	21+76																		1
U6	167	21+76												1						
Z6	167	21+76																		1
TOTALS CARRIED TO GENERAL SUMMARY				0.66	0.26	42	190	54		770		4	12	4	4					

TRAFFIC CONTROL SUBSUMMARY

DESIGN AGENCY  
  
 DESIGNER  
 MAS  
 REVIEWER  
 LAS 02/27/23  
 PROJECT ID  
 112019  
 SHEET TOTAL  
 160 | 222




CHP-S. HIGH STREET

MODEL: Sheet PAPER: 34x22 (in.) DATE: 3/30/2023 TIME: 12:41:42 PM USER: bgressel  
 C:\City of Urbana\0118055A.00 - South High Street\112019\400-Engineering\Traffic\Sheets\112019\_TS010.dgn

REF NO.	SHEET NO.	STATION TO STATION		644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	
				EDGE LINE, 4"	CENTER LINE	STOP LINE	CROSSWALK LINE, 12"	CROSSWALK LINE, 24"	DOTTED LINE, 4"	SHARED LANE MARKING	YIELD LINE	PAVEMENT MARKING, MISC.:SPEED HUMP MARKING	PAVEMENT MARKING, MISC.:ADVANCE SPEED HUMP MARKING						
				MILE	MILE	FT	FT	FT	FT	FT	FT	EACH	FT	EACH	EACH	EACH			
G15	168	24+93	TO							54									
G16	168	25+42								52									
G17	168	26+21.5								97									
B23	168	24+15										1							
B24	168	24+77										1							
B25	168	25+98										1							
B26	168	27+40										1							
Y5	168	25+75											10						
X12	168	26+10																	
X13	168	26+45																	
S7	168	26+63																	
X14	168	27+05																	
D5	168-169	27+29	28+64		0.03														
Y6	168	27+80																	
B27	168	28+46										1							
B28	169	29+37										1							
B29	169	30+18										1							
B30	169	31+11										1							
B31	169	31+92										1							
B32	169	32+87										1							
S8	169	28+61																	
X15	169	28+68																	
X16	169	28+78																	
X17	169	28+80																	
S9	169	28+93																	
S10	169	28+92																	
X18	169	29+09																	
D6	169	29+23	33+75		0.09														
S11	169	29+23																	
E7	169	29+66	33+58		0.10														
E8	169	29+68	33+56		0.10														
G18	169	29+84	30+05																
G19	169	30+43	30+68																
G20	169	31+10	31+34																
G21	169	32+10	32+31																
G22	169	32+68	33+15																
B33	170	33+58										1							
B34	170	34+47										1							
B35	170	35+26										1							
B36	170	36+17										1							
B37	170	37+01										1							
B38	170	37+98										1							
Y7	170	33+41											10						
U7	170	33+78																	
Z7	170	33+78																	
TOTALS CARRIED TO GENERAL SUMMARY				0.20	0.12	54	401	123		479		16	30	1	1				

TRAFFIC CONTROL SUBSUMMARY

DESIGN AGENCY



DESIGNER  
MAS

REVIEWER  
LAS 02/27/23

PROJECT ID  
112019

SHEET TOTAL  
161 | 222




**CHP-S. HIGH STREET**

MODEL: Sheet PAPER: 34x22 (in.) DATE: 3/30/2023 TIME: 12:41:43 PM USER: bgressel  
 C:\City of Urbana\018055A.00 - South High Street\112019\400-Engineering\Traffic\Sheets\112019\_TS012.dgn

REF NO.	SHEET NO.	STATION TO STATION		644				644		644		644		644	
				CENTER LINE	STOP LINE	CROSSWALK LINE, 12"	CROSSWALK LINE, 24"	SHARED LANE MARKING	YIELD LINE	PAVEMENT MARKING, MISC.:SPEED HUMP MARKING	PAVEMENT MARKING, MISC.:BICYCLE DETECTOR SYMBOL				
		TO		0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
				0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
X37	173	48+41				84									
S19	173	48+16			18										
X32	173	48+47				40	21								
D9	173	48+56		49+62	0.03										
B50	173	48+66						1							
Y11	173	49+06							10						
Y12	173	49+14							10						
B51	173	49+50						1							
B52	173	50+54						1							
B53	173	51+27						1							
B54	173	52+64						1							
U11	173	49+62								1					
X33	173	49+62				40	21								
X38	173	49+85				51									
S20	173	49+98			12										
X34	173	50+34				40	21								
U12	173	50+43								1					
D10	173	50+43		51+71	0.03										
Y13	173	50+82							10						
Y14	173	51+22							10						
X35	173	51+71				40	21								
X39	173	51+87				92									
S21	173	52+13			20										
X36	173	52+46				40	21								
D11	173-174	52+55		55+78	0.07										
Y14	174	53+03							10						
B55	174	53+20						1							
B56	174	54+27						1							
B57	174	55+72						1							
BLD	174	55+60										1			
S22	174	55+78			10										
X40	174	55+83				44	24								
X41	174	4+55				40	24								
Y15	174	4+05							10						
Y16	174	5+15							10						
TOTALS CARRIED TO GENERAL SUMMARY					0.13	60	511	153		8	70	2		1	

**TRAFFIC CONTROL SUBSUMMARY**

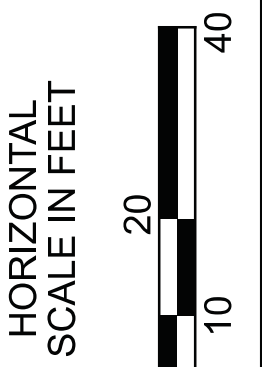
DESIGN AGENCY  
  
 DESIGNER  
 MAS  
 REVIEWER  
 LAS 02/27/23  
 PROJECT ID  
 112019  
 SHEET TOTAL  
 163 | 222

PAVEMENT MARKING LEGEND

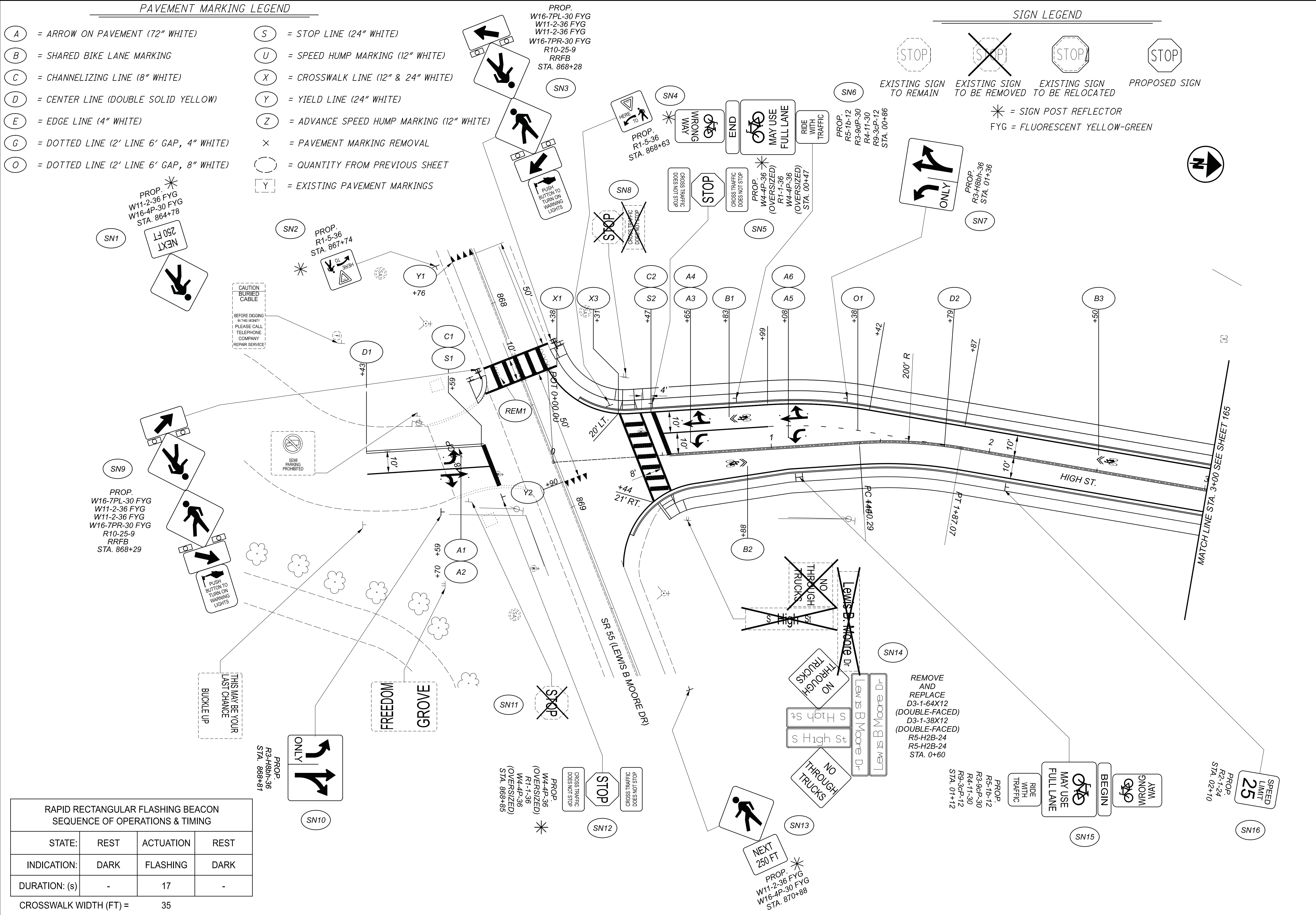
- (A) = ARROW ON PAVEMENT (72" WHITE)
- (B) = SHARED BIKE LANE MARKING
- (C) = CHANNELIZING LINE (8" WHITE)
- (D) = CENTER LINE (DOUBLE SOLID YELLOW)
- (E) = EDGE LINE (4" WHITE)
- (G) = DOTTED LINE (2' LINE 6' GAP, 4" WHITE)
- (O) = DOTTED LINE (2' LINE 6' GAP, 8" WHITE)
- (S) = STOP LINE (24" WHITE)
- (U) = SPEED HUMP MARKING (12" WHITE)
- (X) = CROSSWALK LINE (12" & 24" WHITE)
- (Y) = YIELD LINE (24" WHITE)
- (Z) = ADVANCE SPEED HUMP MARKING (12" WHITE)
- × = PAVEMENT MARKING REMOVAL
- = QUANTITY FROM PREVIOUS SHEET
- Y = EXISTING PAVEMENT MARKINGS

SIGN LEGEND

- EXISTING SIGN TO REMAIN
- EXISTING SIGN TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED
- PROPOSED SIGN
- \* = SIGN POST REFLECTOR
- FYG = FLUORESCENT YELLOW-GREEN



TRAFFIC CONTROL PLAN  
 STA. 0+00 TO STA. 3+00



RAPID RECTANGULAR FLASHING BEACON SEQUENCE OF OPERATIONS & TIMING

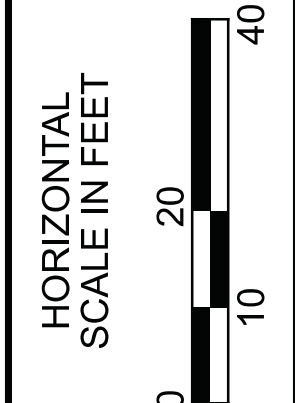
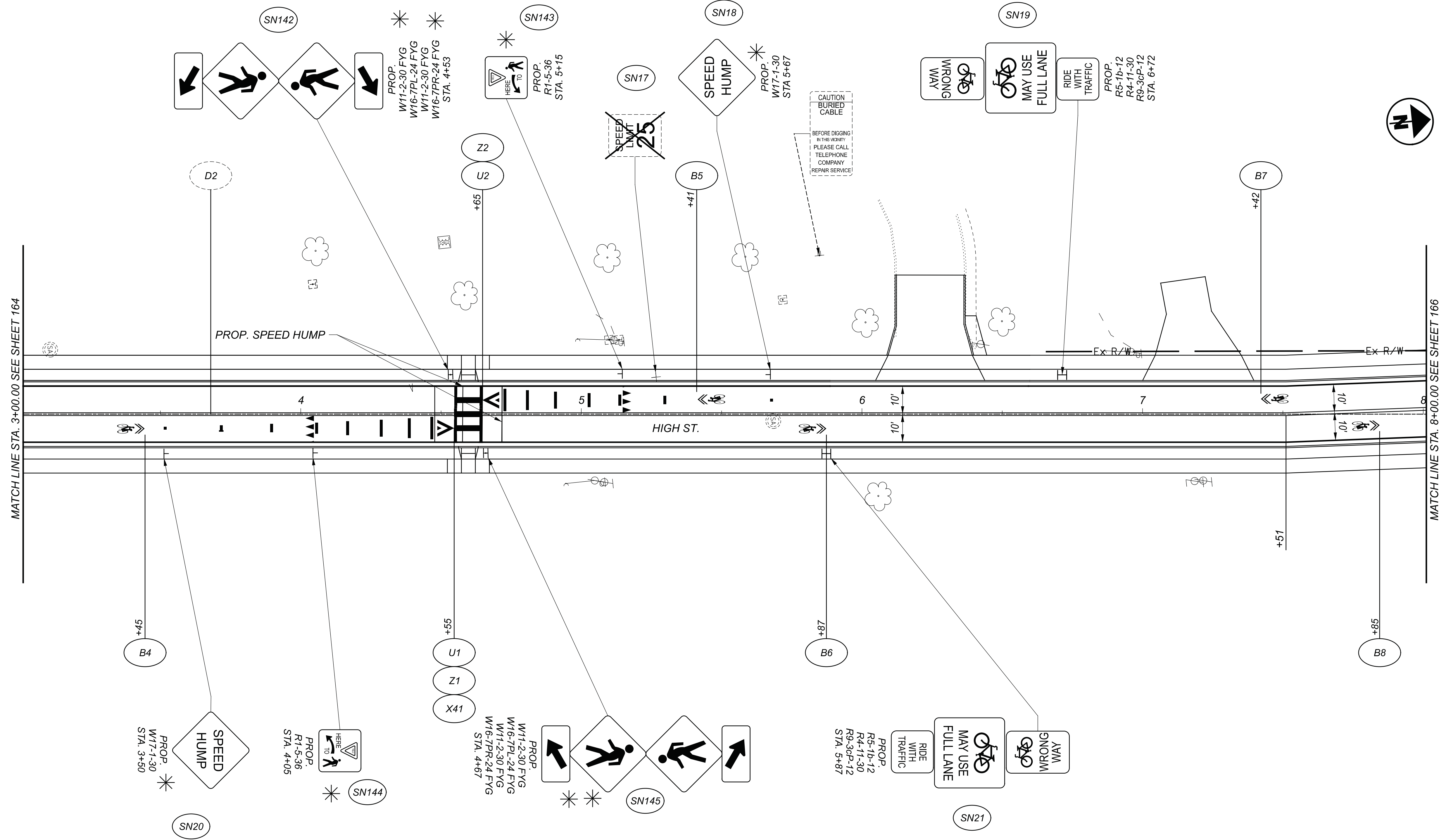
STATE:	REST	ACTUATION	REST
INDICATION:	DARK	FLASHING	DARK
DURATION: (s)	-	17	-

CROSSWALK WIDTH (FT) = 35

**CHP-S. HIGH STREET**

MODEL: I:\2019\_GPO02\_PAPER\12019\_400-Engineering\Traffic\Sheets\12019\_TP002.dgn  
 0:\City of Urbana\018055A.00 - South High Street\12019\_400-Engineering\Traffic\Sheets\12019\_TP002.dgn

DATE: 3/30/2023 TIME: 12:41:46 PM USER: bgressel



**TRAFFIC CONTROL PLAN  
 STA. 3+00 TO STA. 8+00**

DESIGN AGENCY



DESIGNER  
**MAS**

REVIEWER  
 LAS 02/27/23

PROJECT ID  
 112019

SHEET	TOTAL
165	222

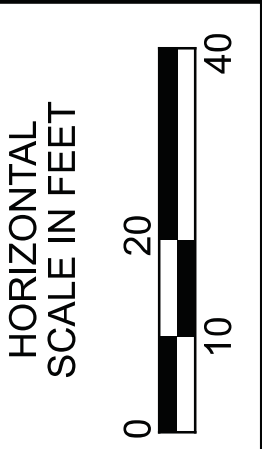
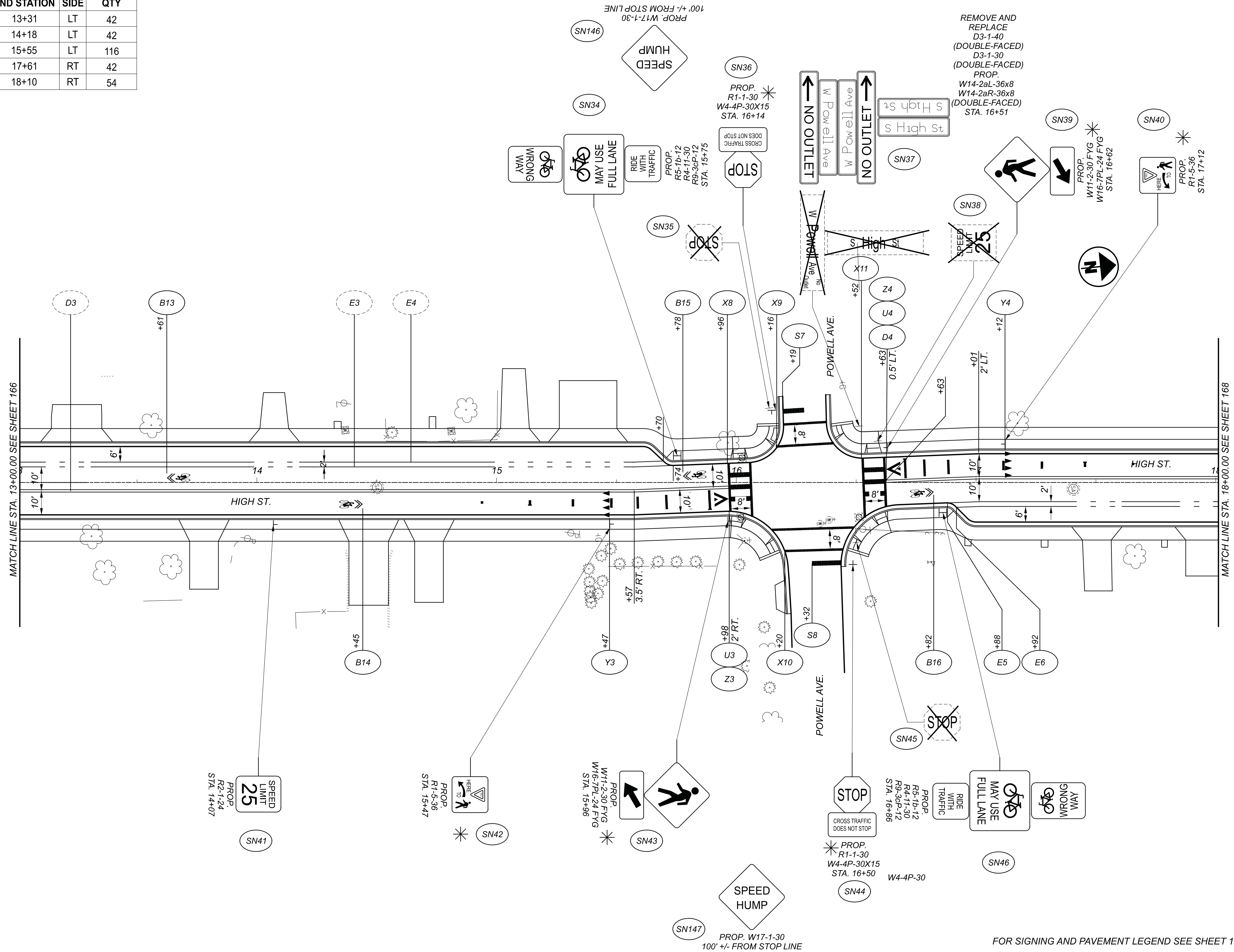
FOR SIGNING AND PAVEMENT LEGEND SEE SHEET 164



**CHP-S. HIGH STREET**

MODEL: I:\2019\_GPOD4\_PAPER\SIZE: 34x22 (in.) DATE: 3/30/2023 TIME: 12:41:50 PM USER: bgressel  
 0:\City of Urbana\018055A.00 - South High Street\2019\_400-Engineering\Traffic\Sheets\I2019\_TP004.dgn

DOTTED LINES				
	BEGIN STATION	END STATION	SIDE	QTY
G4	13+10	13+31	LT	42
G5	13+97	14+18	LT	42
G6	14+97	15+55	LT	116
G7	17+40	17+61	RT	42
G8	17+83	18+10	RT	54



**TRAFFIC CONTROL PLAN**  
**STA. 13+00 TO STA. 18+00**

DESIGN AGENCY



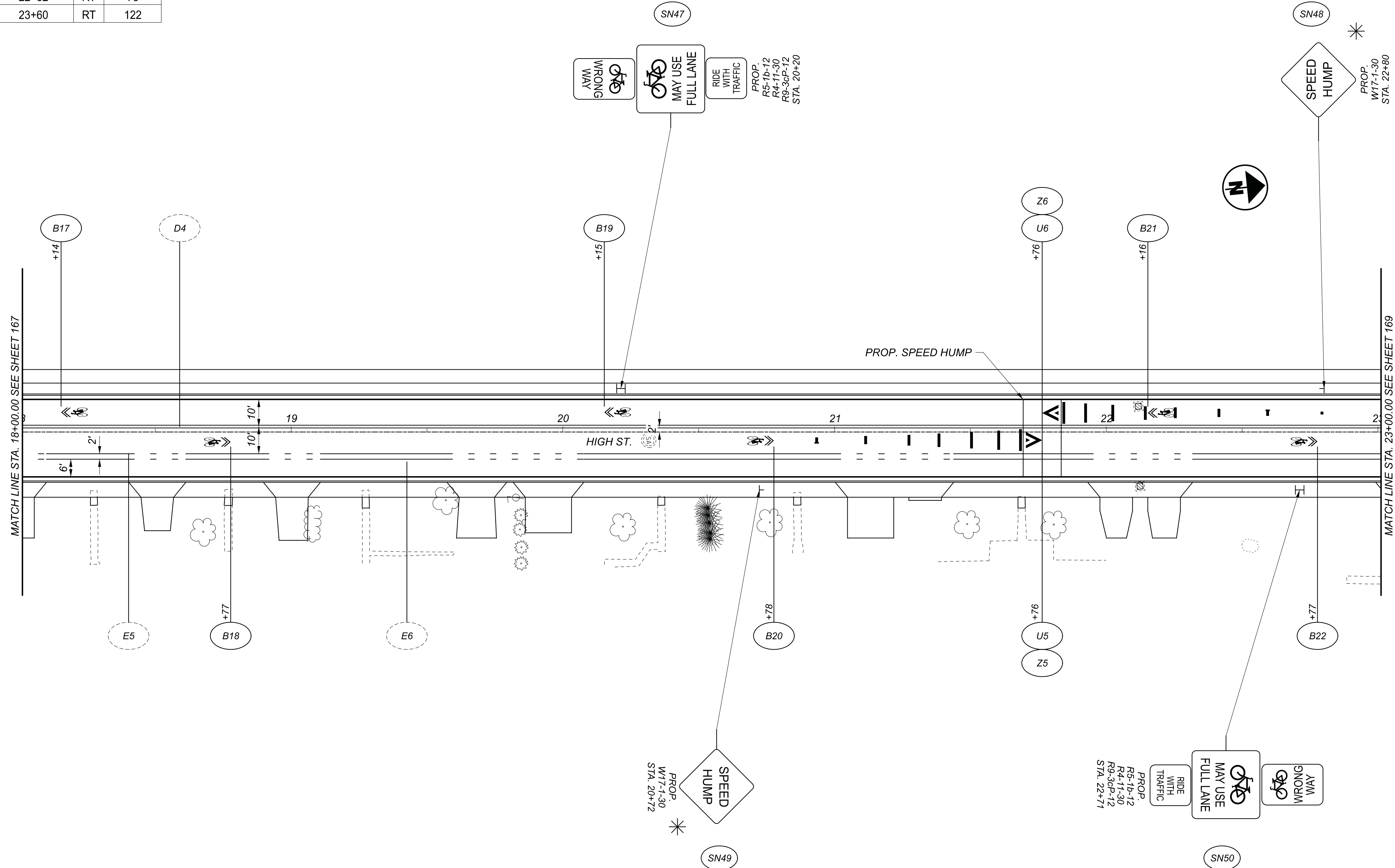
DESIGNER	MAS
REVIEWER	LAS 02/27/23
PROJECT ID	112019
SHEET	TOTAL
167	222

FOR SIGNING AND PAVEMENT LEGEND SEE SHEET 164

CHP-S. HIGH STREET

MODEL: I:\2019\_GP29 - PAPER\SIZE: 34x22 (In.) DATE: 3/30/2023 TIME: 12:41:51 PM USER: bgressel  
 O:\City of Urbana\018055A.00 - South High Street\2019\_400-Engineering\Traffic\Sheets\I2019\_TP005.dgn

DOTTED LINES				
	BEGIN STATION	END STATION	SIDE	QTY
G8	17+83	18+10	RT	54
G9	18+40	18+61	RT	42
G10	18+90	19+11	RT	42
G11	19+57	20+08	RT	102
G12	21+00	21+44	RT	88
G13	21+93	22+32	RT	78
G14	22+99	23+60	RT	122



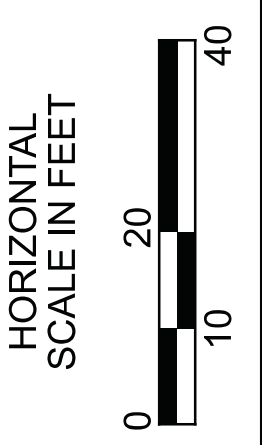
PROP.  
W17-1-30  
R5-1b-12  
R4-11-30  
R9-3aP-12  
STA. 22+71

PROP.  
W17-1-30  
STA. 20+72

PROP.  
R5-1b-12  
R4-11-30  
R9-3aP-12  
STA. 20+20

PROP.  
W17-1-30  
STA. 22+80

FOR SIGNING AND PAVEMENT LEGEND SEE SHEET 164



TRAFFIC CONTROL PLAN  
 STA. 18+00 TO STA. 23+00

DESIGN AGENCY



DESIGNER	MAS
REVIEWER	LAS 02/27/23
PROJECT ID	112019
SHEET	TOTAL
168	222

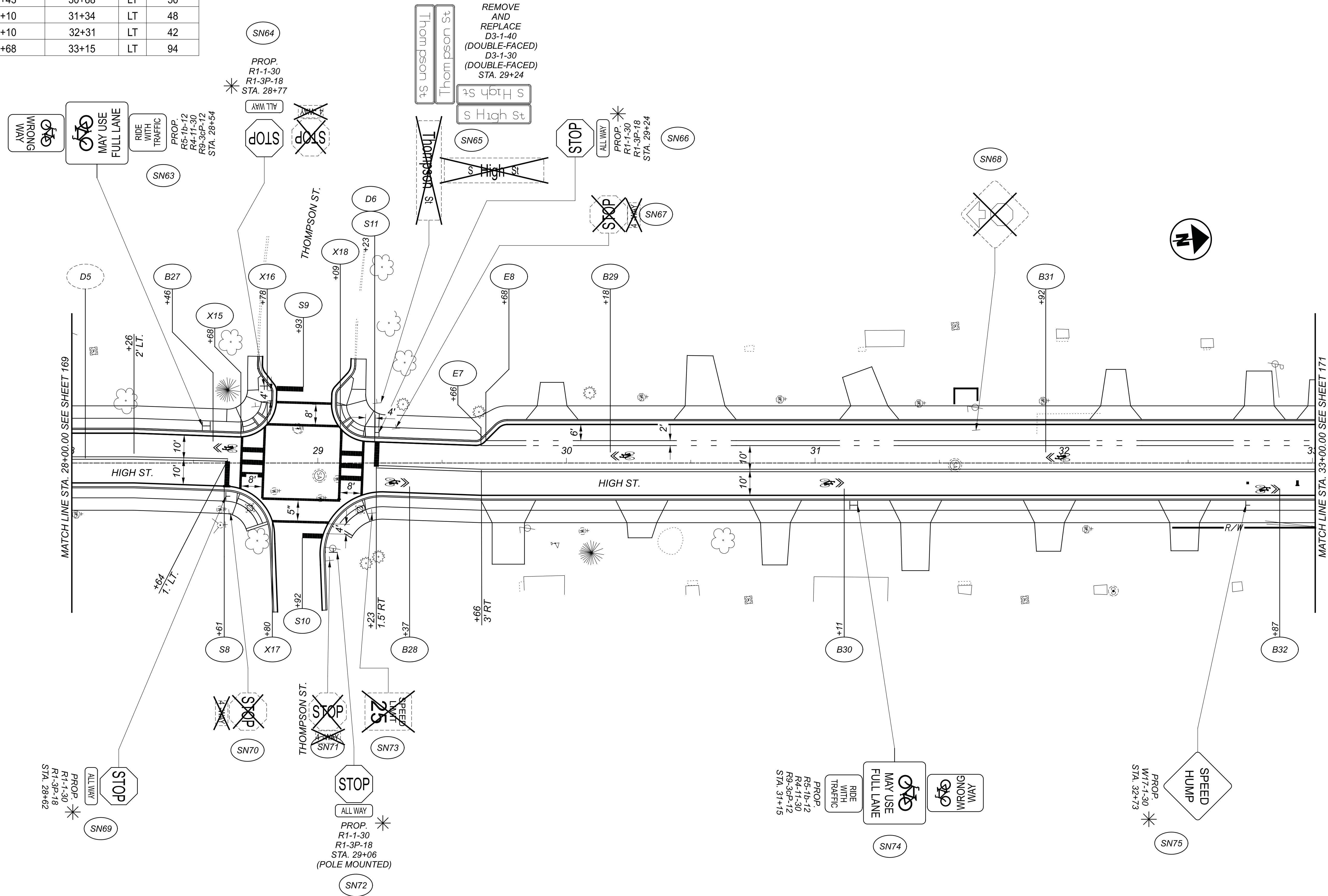




**CHP-S. HIGH STREET**

MODEL: I:\2019\_GPO07 DATE: 3/30/2023 TIME: 12:41:54 PM USER: bgressel  
 0:\City of Urbana\018055A.00 - South High Street\12019\_400-Engineering\Traffic\Sheets\12019\_TP007.dgn

DOTTED LINES				
	BEGIN STATION	END STATION	SIDE	QTY
G18	29+84	30+05	LT	42
G19	30+43	30+68	LT	50
G20	31+10	31+34	LT	48
G21	32+10	32+31	LT	42
G22	32+68	33+15	LT	94



**TRAFFIC CONTROL PLAN  
 STA. 28+00 TO STA. 33+00**

DESIGN AGENCY

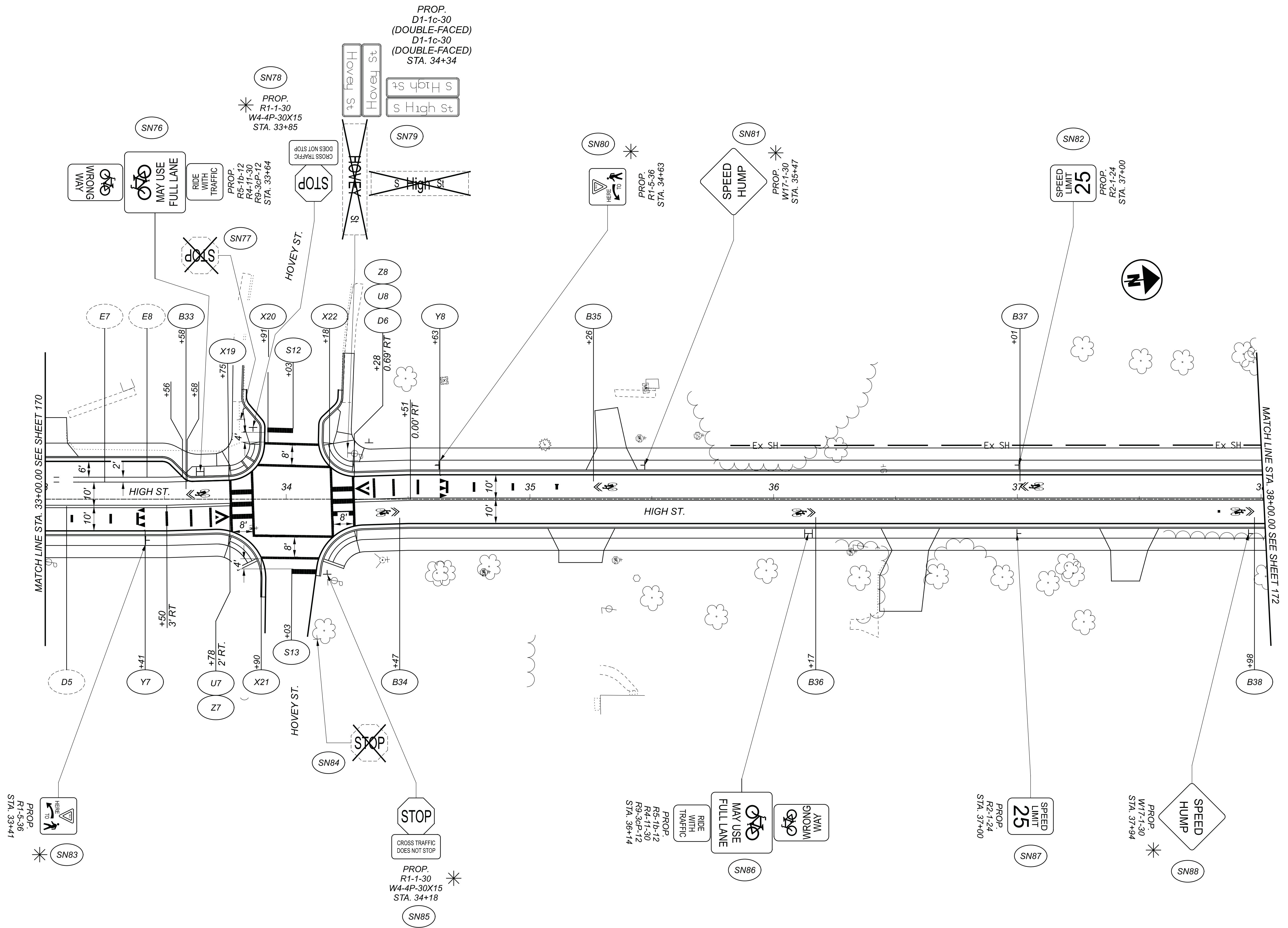


DESIGNER	MAS
REVIEWER	LAS 02/27/23
PROJECT ID	112019
SHEET	TOTAL
170	222

FOR SIGNING AND PAVEMENT LEGEND SEE SHEET 164

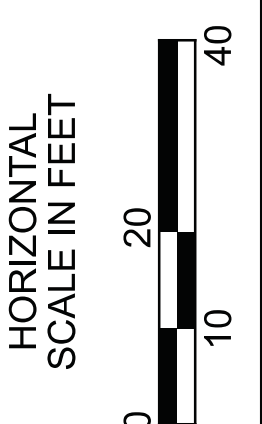
**CHP-S. HIGH STREET**

MODEL: I:\2019\_GPO008 PAPER SIZE: 34x22 (in.) DATE: 3/30/2023 TIME: 12:41:55 PM USER: bgressel  
 0:\City of Urbana\018055A.00 - South High Street\I2019\_400-Engineering\Traffic\Sheets\I2019\_TF0008.dgn



MATCH LINE STA. 33+00.00 SEE SHEET 170

MATCH LINE STA. 38+00.00 SEE SHEET 172



**TRAFFIC CONTROL PLAN  
 STA. 33+00 TO STA. 38+00**

DESIGN AGENCY



DESIGNER  
**MAS**

REVIEWER  
 LAS 02/27/23

PROJECT ID  
 112019

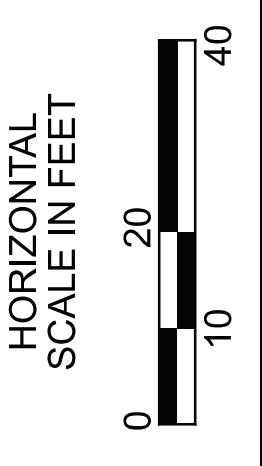
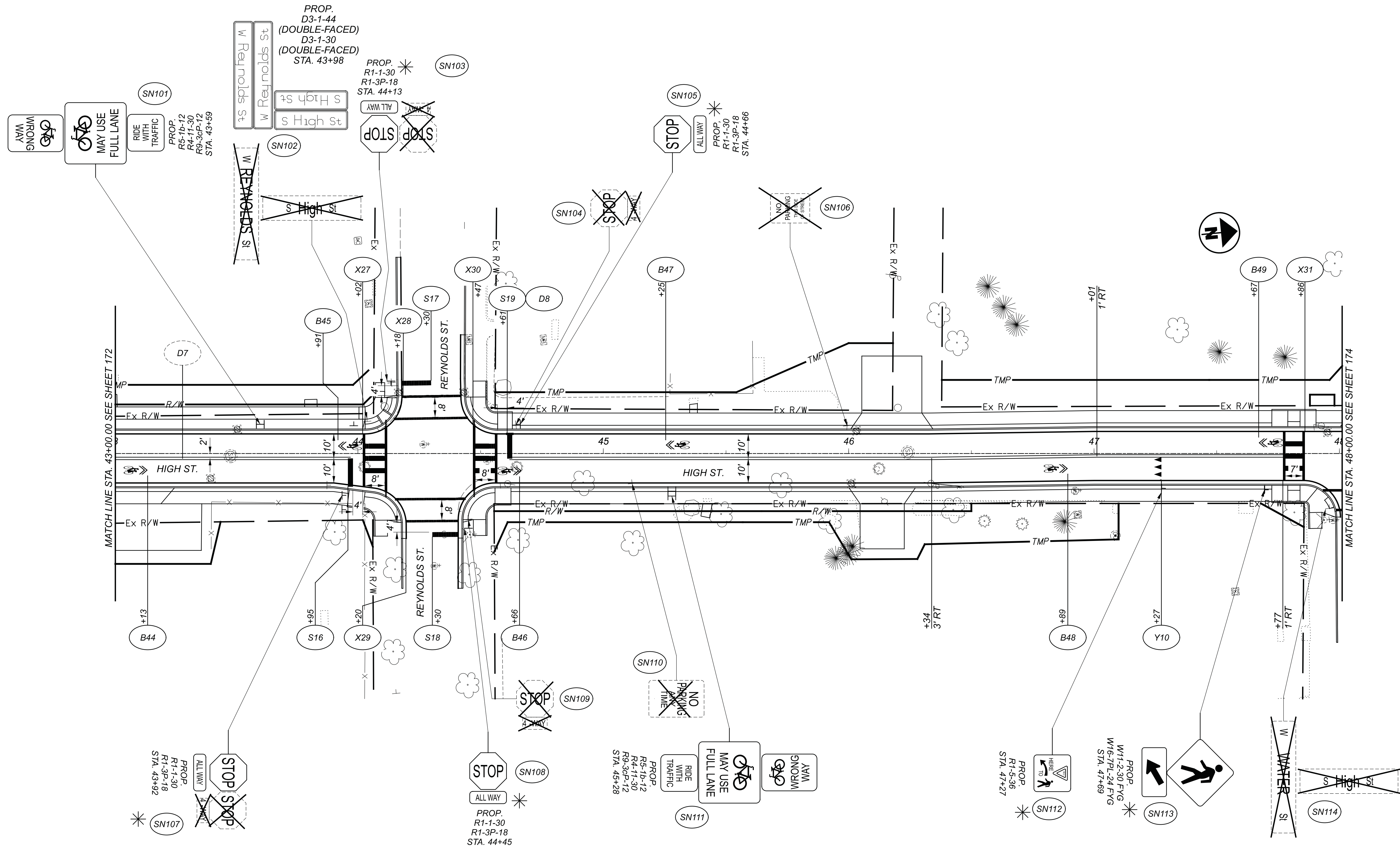
SHEET TOTAL  
 171 222

FOR SIGNING AND PAVEMENT LEGEND SEE SHEET 164



**CHP-S. HIGH STREET**

MODEL: I12019\_GPO10 PAPER SIZE: 34x22 (in.) DATE: 3/30/2023 TIME: 12:41:57 PM USER: bgressel  
 0:\City of Urbana\018055A.00 - South High Street\12019\_400-Engineer\ng\Traffic\Sheets\12019\_TP010.dgn



**TRAFFIC CONTROL PLAN  
 STA. 43+00 TO STA. 48+00**

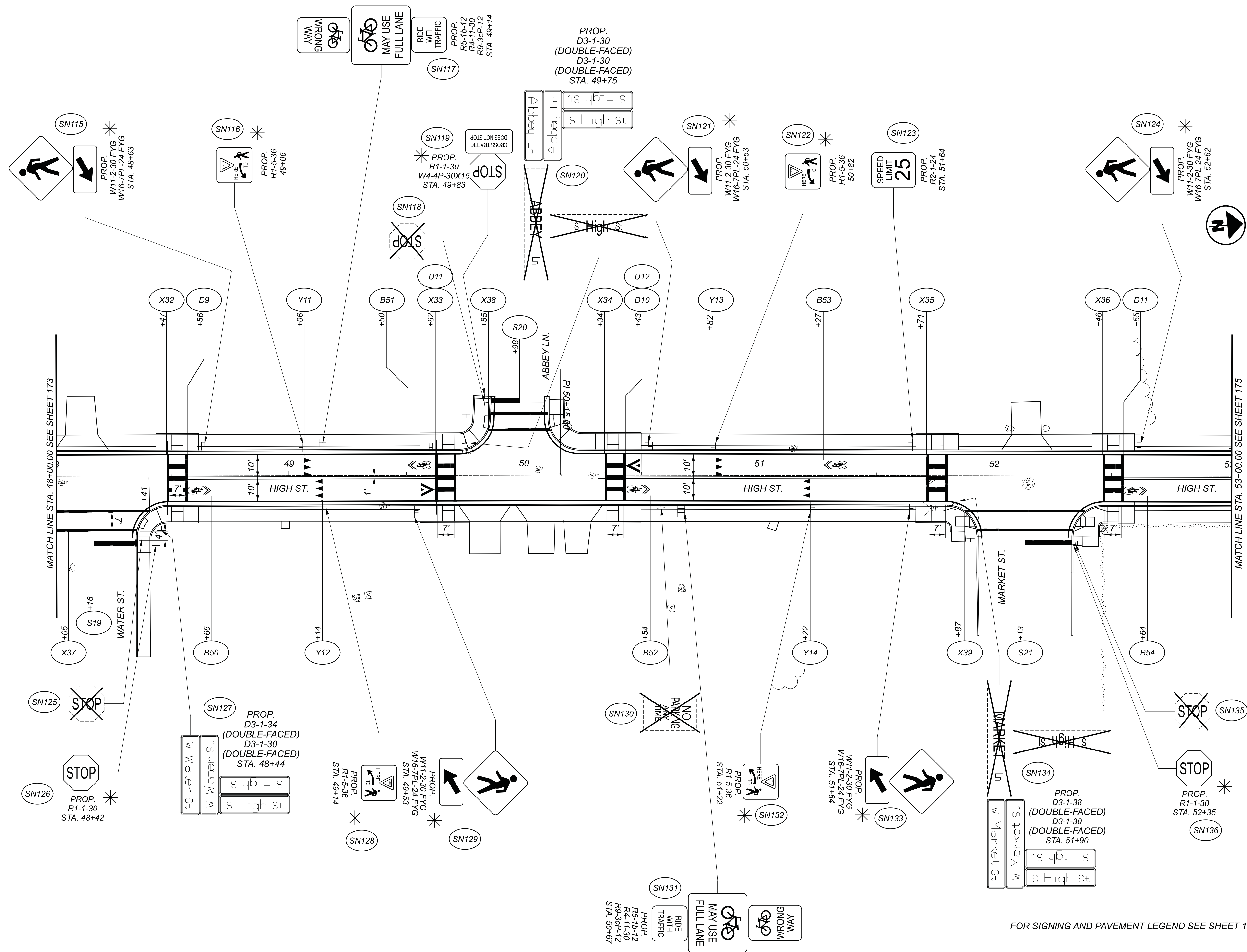


DESIGN AGENCY	
DESIGNER	MAS
REVIEWER	LAS 02/27/23
PROJECT ID	112019
SHEET	TOTAL
173	222

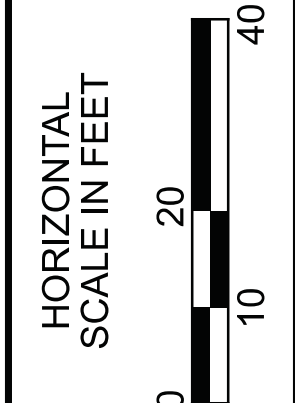
FOR SIGNING AND PAVEMENT LEGEND SEE SHEET 164

CHP-S. HIGH STREET

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0:\City of Urbana\018055A.00 - South High Street\Engineering\Traffic\Sheets\I2019\_TF01.dgn



FOR SIGNING AND PAVEMENT LEGEND SEE SHEET 164



TRAFFIC CONTROL PLAN  
STA. 48+00 TO STA. 53+00

DESIGN AGENCY



DESIGNER  
MAS

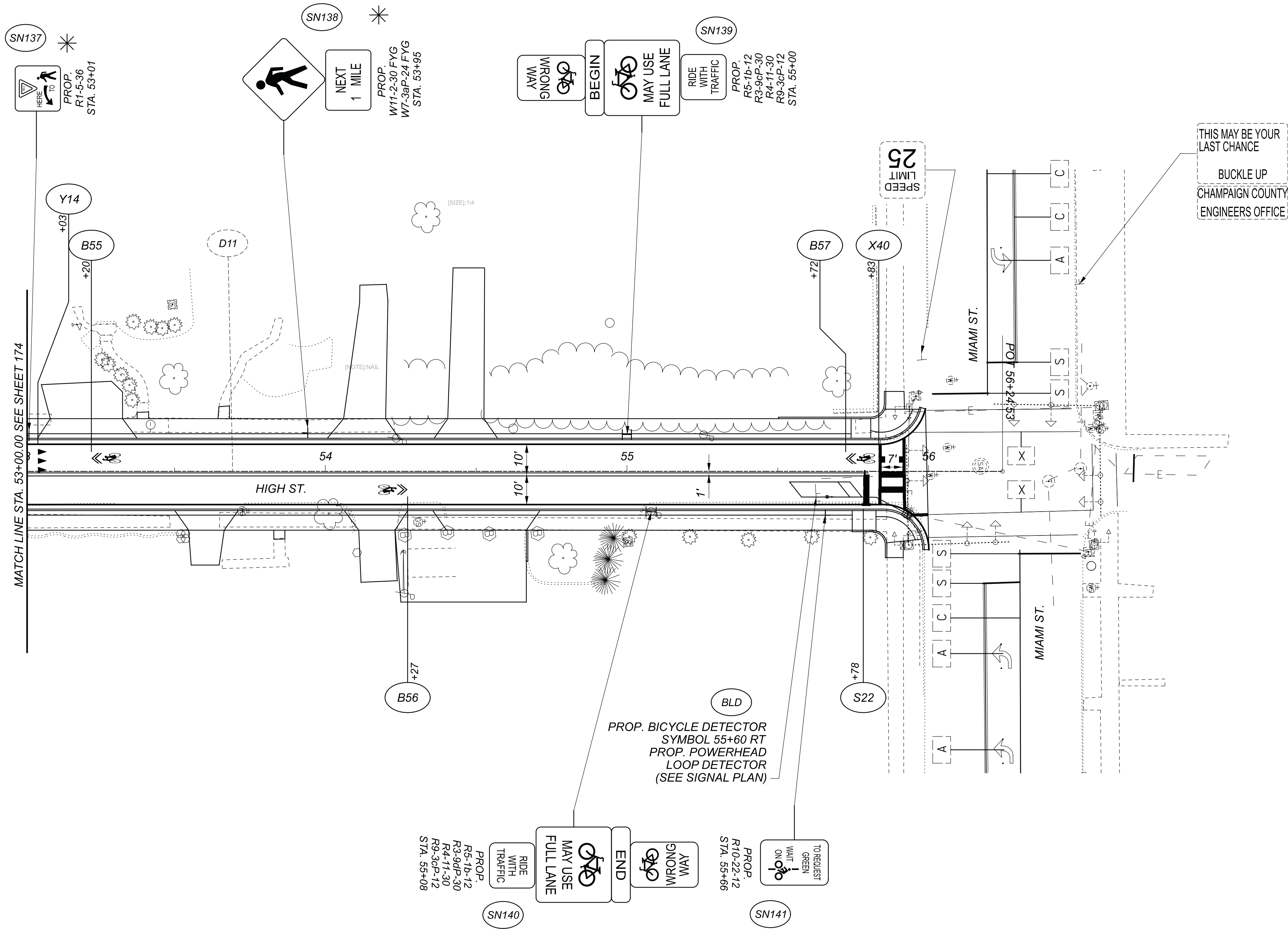
REVIEWER  
LAS 02/27/23

PROJECT ID  
112019

SHEET	TOTAL
174	222

CHP-S. HIGH STREET

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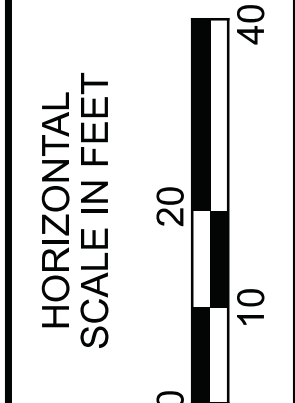
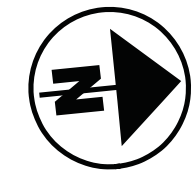
SN137 \*  
 PROP. R1-5-36  
 STA. 53+01

SN138 \*  
 NEXT 1 MILE  
 PROP. W11-2-30 FYG  
 W7-3aP-24 FYG  
 STA. 53+95

SN139  
 PROP. R5-1b-12  
 R3-9cP-30  
 R4-11-30  
 R9-3cP-12  
 STA. 55+00

SN140  
 PROP. R5-1b-12  
 R3-9cP-30  
 R4-11-30  
 R9-3cP-12  
 STA. 55+08

SN141  
 PROP. R10-22-12  
 STA. 56+66



TRAFFIC CONTROL PLAN  
 STA. 53+00 TO STA. 56+24.53

DESIGN AGENCY



DESIGNER	MAS
REVIEWER	LAS 02/27/23
PROJECT ID	112019
SHEET	175
TOTAL	222

FOR SIGNAL PLAN, SEE SHEET 177  
 FOR SIGNING AND PAVEMENT LEGEND SEE SHEET 164



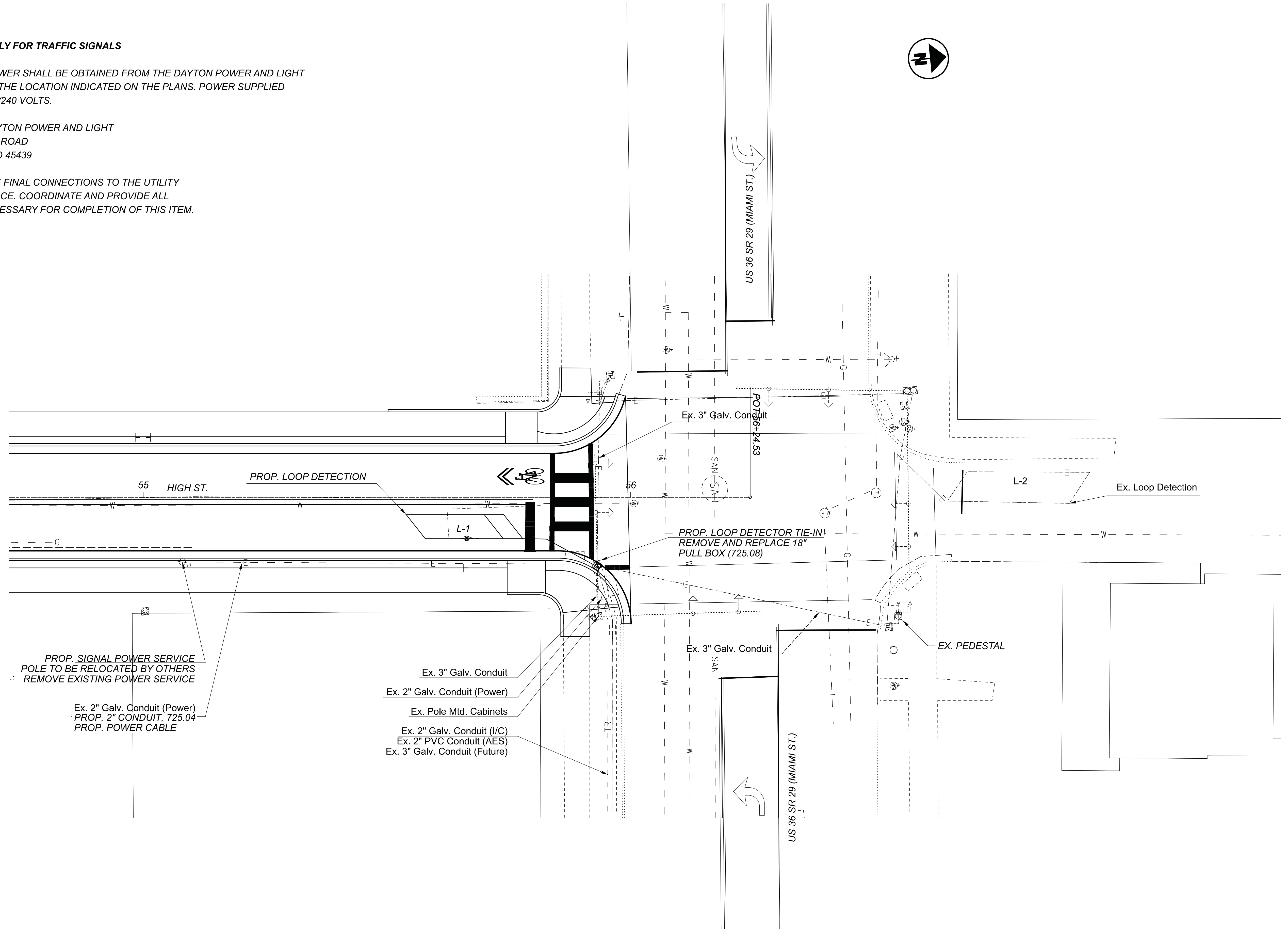


**POWER SUPPLY FOR TRAFFIC SIGNALS**

ELECTRIC POWER SHALL BE OBTAINED FROM THE DAYTON POWER AND LIGHT COMPANY AT THE LOCATION INDICATED ON THE PLANS. POWER SUPPLIED SHALL BE 120/240 VOLTS.

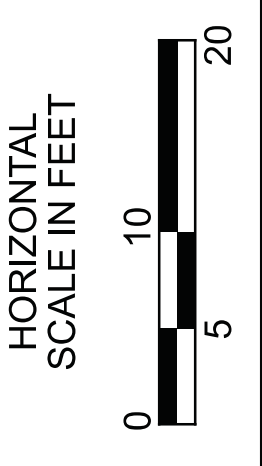
AES OHIO/DAYTON POWER AND LIGHT  
1900 DRYDEN ROAD  
DAYTON, OHIO 45439

DO NOT MAKE FINAL CONNECTIONS TO THE UTILITY POWER SOURCE. COORDINATE AND PROVIDE ALL PERMITS NECESSARY FOR COMPLETION OF THIS ITEM.



CHP-S. HIGH STREET

MODEL: 112019\_G102 PAPER SIZE: 34x22 (in.) DATE: 3/30/2023 TIME: 12:42:02 PM USER: bgressel  
0:\City of Urbana\018055A.00 - South High Street\12019\_400-Engineer\12019\_400-Signals\Sheets\12019\_CP001.dgn



**SIGNAL PLAN  
HIGH ST. AND MAIN ST.**

DESIGN AGENCY



DESIGNER	MAS
REVIEWER	LAS 02/27/23
PROJECT ID	112019
SHEET	TOTAL
177	222

CHP-S, HIGH STREET



LOCATION MAP

LATITUDE: 40°06'03" N LONGITUDE: 83°45'23" W



# RIGHT OF WAY LEGEND SHEET CHP-S, HIGH STREET

## CHAMPAIGN COUNTY CITY OF URBANA SEC 22 & 23, T.5, R.11, B.T.M.R.S.

### FEDERAL PROJECT NUMBER

E200615

### PROJECT DESCRIPTION

5600' OF RECONSTRUCTION OF SOUTH HIGH STREET FROM SOUTH END AT SR 55 (LEWIS B. MOORE DRIVE) TO NORTH END AT US 36/SR 29 (MIAMI STREET). PROJECT INCLUDES CURB AND GUTTER, SIDEWALKS STORM SEWER SYSTEM, CROSS-SECTION OF WATER LINE REPLACEMENT, AND CROSS-SECTION OF SANITARY SEWER REPLACEMENT.

### PROJECT CONTROL

OHIO STATE PLANE SOUTH NAD83 (2011)  
PROJECT ADJUSTMENT FACTOR 1.000030857

### PLANS PREPARED BY:

FIRM NAME: LJB INC.  
R/W DESIGNER: HARRY HERBST  
R/W REVIEWER: ANDY SHAHAN  
FIELD REVIEWER: BRETT BOLANGER  
PRELIMINARY FIELD REVIEW DATE: 8/12/2021  
TRACINGS FIELD REVIEW DATE: \_\_\_\_\_  
OWNERSHIP UPDATED BY: HARRY HERBST  
DATE COMPLETED: 01/30/2022  
PLAN COMPLETION DATE: \_\_\_\_\_

### UTILITY OWNERS

#### TELECOMMUNICATIONS / CABLE TV POWER

**Champaign Telephone**  
C.T. Communications  
Roger Barnhart  
126 Scioto St.  
Urbana, OH 43078  
Phone: (937) 653-2233  
roger@ctcommunications.com

**Charter-Spectrum (TWCable)**  
Ein Whatley  
3691 Turner Road  
Dayton, Ohio 45415  
Phone: (937) 396-8591  
Ein.Whatley@charter.com

**GAS**  
Columbia Gas of Ohio  
Ethan Pope  
2101 W. Main Street  
Springfield, OH 45504  
Phone: (937) 327-7120  
epope@nisource.com

**Miami Valley Lighting**  
Robyn Livesay  
1065 Woodman Drive  
Dayton, Ohio 45432  
Phone: (937) 475-8627  
robyn.livesay@dplinc.com

**Dayton Power and Light (Trans)**  
Gregory Tokar  
P.O. Box 1247  
Dayton, Ohio 45401  
Phone: (937) 331-4647  
gregory.tokar@aes.com

**Dayton Power and Light (Distr)**  
Bill Ward  
1900 Dryden Road  
Dayton, Ohio 45439  
Phone: (937) 554-9063  
william.ward@aes.com

#### WATER AND SANITARY

**City of Urbana**  
Tyler Bumbalough, P.E.  
205 S. Main Street  
Urbana, OH 43078  
Phone: (937) 652-4324  
Tyler.bumlough@ci.urbana.oh.us

**City of Urbana**  
Joe Sampson (Water Superintendent)  
416 Taft Avenue  
Urbana, OH 43078  
Phone: (937) 652-4335  
joe.sampson@ci.urbana.oh.us

**City of Urbana**  
Brad Yost (Sewer Maint. Coordinator)  
1263 Muzzy Road  
Urbana, OH 43078  
Phone: (937) 652-4331  
brad.yost@ci.urbana.oh.us

### INDEX OF SHEETS:

RIGHT OF WAY LEGEND	1
CENTERLINE PLAT	2 - 6
PROPERTY MAP	7 - 9
SUMMARY OF ADDITIONAL RIGHT OF WAY	10 - 21
RIGHT OF WAY DETAILS	22 - 45

### STRUCTURE KEY

- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

### MONUMENT LEGEND

- EXISTING R/W MONUMENT BOX
- PROPOSED R/W MONUMENT BOX
- EXISTING CONCRETE MONUMENT
- PROPOSED CONCRETE MONUMENT
- RAILROAD SPIKE FOUND
- RAILROAD SPIKE SET
- I.R.F. IRON PIN FOUND
- I.R.F. IRON PIN FOUND W/ ID CAP
- I.R.S. IRON PIN SET W/ ID CAP
- I.P.F. IRON PIPE FOUND
- I.P.S. IRON PIPE SET
- P.K.F. P.K. NAIL FOUND
- P.K.S. P.K. NAIL SET

### CONVENTIONAL SYMBOLS

- County Line
- Township Line
- Section Line
- Corporation Line
- Fence Line (Ex)
- Center Line
- Right of Way (Ex)
- Right of Way (Pr)
- Standard Highway Ease.(Ex)
- Standard Highway Ease.(Pr)
- Temporary Right of Way
- Channel Ease. (Pr)
- Utility Ease. (Ex)
- Railroad
- Guardrail (Ex)
- Construction Limits
- Edge of Pavement (Ex)
- Edge of Pavement (Pr)
- Edge of Shoulder (Ex)
- Edge of Shoulder (Pr)
- Ditch / Creek (Ex)
- Ditch / Creek (Pr)
- Tree Line (Ex)
- Ownership Hook Symbol
- Property Line Symbol
- Break Line Symbol
- Tree (Pr)
- Tree (Ex)
- Shrub (Ex)
- Tree (Remove)
- Shrub (Remove)
- Evergreen (Ex)
- Stump
- Evergreen (Remove)
- Stump (Remove)
- Wetland (Pr)
- Grass (Pr)
- Aerial Target
- Post (Ex)
- Mailbox (Ex)
- Mailbox (Pr)
- Light (Ex)
- Telephone Marker (Ex)
- Fire Hydrant (Ex)
- Water Meter (Ex)
- Water Valve (Ex)
- Utility Valve Unknown (Ex.)
- Telephone Pole (Ex)
- Power Pole (Ex)
- Light Pole (Ex)

I, Harry G Herbst III, P. S. have conducted a survey of the existing conditions for the Ohio Department of Transportation in October 2019. The results of that survey are contained herein.

The horizontal coordinates expressed herein are based on the Ohio State Plane Coordinate System, South Zone on NAD 83 (2011) datum. The Project Coordinates (US Survey feet) are relative to State Plane Grid Coordinates (US Survey feet) by a Project Adjustment Factor multiplier of 1.000030857.

As a part of this project I have reestablished the locations of the existing property lines and centerline of existing Right of Way for property takes contained herein. As part of this I have established the proposed property lines, calculated the Gross Take, Present Roadway Occupied (PRO), Net Take and Net Residue; as well as prepared the legal descriptions necessary to acquire these parcels as shown herein.

As a part of this work I have set right of way monuments at the property corners, property line intersections, points along the right of way and/or angle points on the right of way, Section Corners and other points as shown herein.

All of my work contained herein was conducted in accordance with Ohio Administrative Code 4733-37 commonly known as "A Minimum Standards for Boundary Surveys in the State of Ohio" unless noted. The words I and my as used herein are to mean either myself or someone working under my direct supervision.

Harry G Herbst III, Professional Land Surveyor No. 6596,

Date:

RIGHT OF WAY  
LEGEND SHEET

DESIGN AGENCY



DESIGNER

HGH

REVIEWER

AJS

PROJECT ID

112019

SUBSET

1 TOTAL

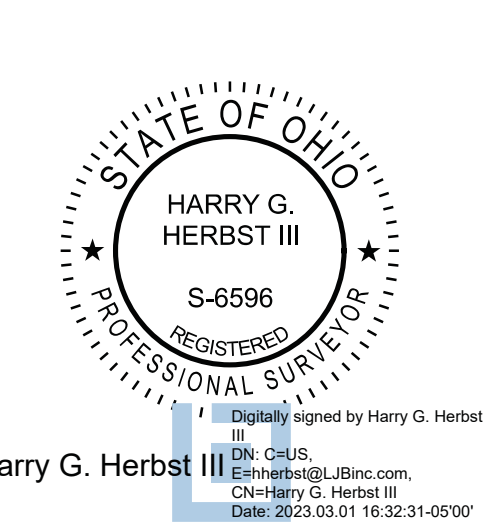
45

SHEET

178 TOTAL

222

### SURVEYOR'S SEAL



Harry G. Herbst III  
Digitally signed by Harry G. Herbst III  
DN: cn=US, o=Harry G. Herbst III, ou=Harry G. Herbst III, email=herbst@ljbinc.com, c=OH

**BASIS FOR BEARINGS:**  
 OHIO STATE PLANE COORDINATES  
 SOUTH ZONE, NAD83 (2011)

**CHP-S. HIGH STREET**  
 CHAMPAIGN COUNTY  
 CITY OF URBANA  
 SEC 22 & 23, T.5, R.11, B.T.M.R.S.

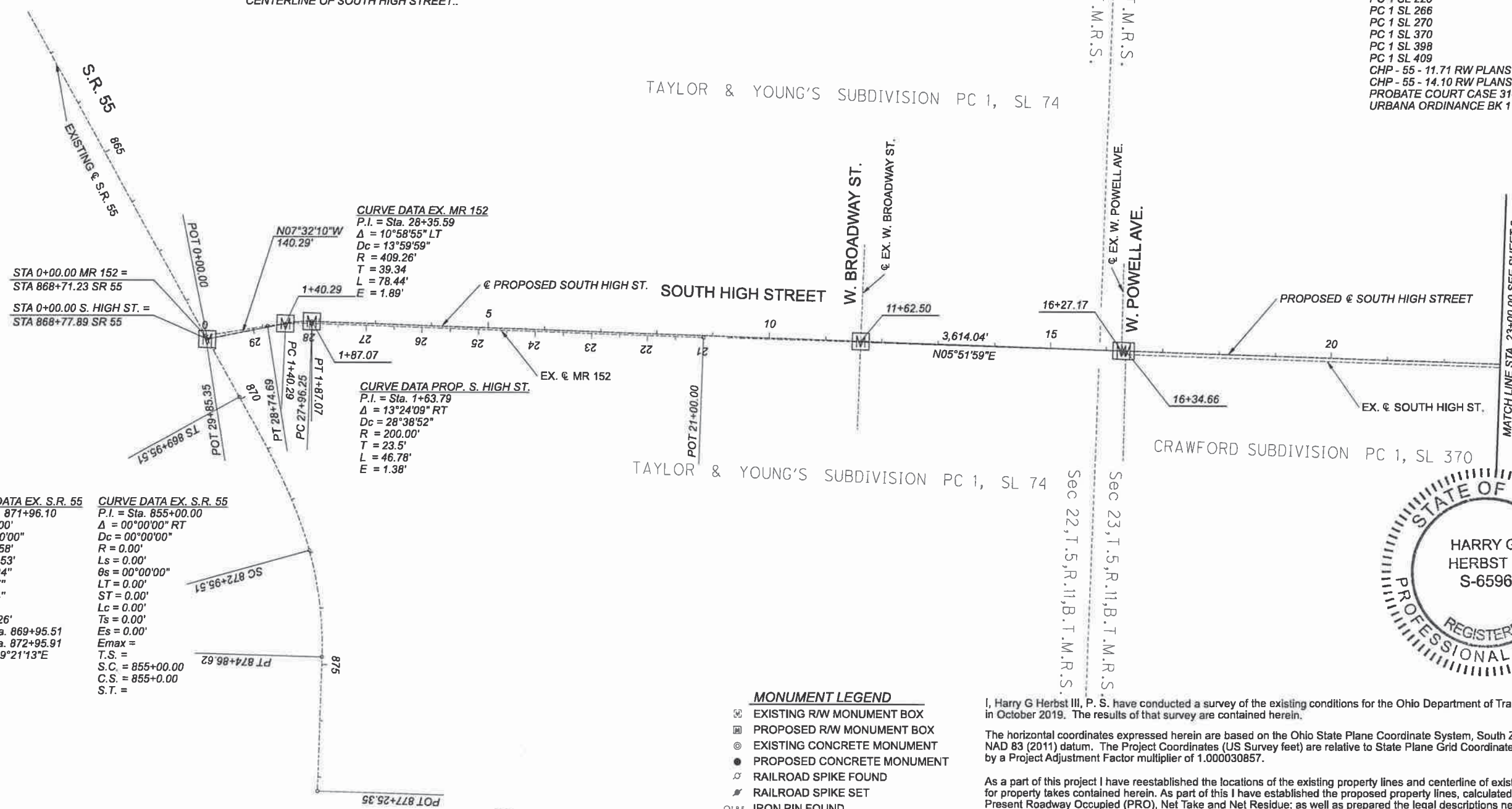
**BASIS FOR STATIONING REFERENCE:**  
 THE EXISTING AND PROPOSED RIGHT OF WAY SHALL  
 BE REFERENCED FROM THE CENTERLINE OF EXISTING  
 RIGHT OF WAY OF STATE ROUTE 55 AND THE PROPOSED  
 CENTERLINE OF SOUTH HIGH STREET..



**NOTE:** THE EXISTING R/W WIDTH AND LOCATION  
 WERE DETERMINED USING  
 PC 1 SL 1  
 PG 1 SL 52  
 PG 1 SL 69  
 PC 1 SL 70  
 PC 1 SL 74  
 PC 1 SL 171  
 PC 1 SL 220  
 PC 1 SL 266  
 PC 1 SL 270  
 PC 1 SL 370  
 PC 1 SL 398  
 PC 1 SL 409  
 CHP - 55 - 11.71 RW PLANS  
 CHP - 55 - 14.10 RW PLANS  
 PROBATE COURT CASE 3141  
 URBANA ORDINANCE BK 1 P 200



CENTERLINE PLAT  
 STA. 0+00 TO STA. 23+00



**SPIRAL DATA EX. S.R. 55**  
 P.I. = Sta. 871+96.10  
 Ls = 300.00'  
 θs = 13°30'00"  
 LT = 200.58'  
 ST = 100.53'  
 x = 298.34"  
 y = 23.47"  
 k = 45.64"  
 p = 1.79"  
 C = 299.26'  
 Start = Sta. 869+95.51  
 End = Sta. 872+95.91  
 C.B. = N69°21'13"E

**CURVE DATA EX. S.R. 55**  
 P.I. = Sta. 855+00.00  
 Δ = 00°00'00" RT  
 Dc = 00°00'00"  
 R = 0.00'  
 Ls = 0.00'  
 θs = 00°00'00"  
 LT = 0.00'  
 ST = 0.00'  
 Lc = 0.00'  
 Ts = 0.00'  
 Es = 0.00'  
 Emax =  
 T.S. =  
 S.C. = 855+00.00  
 C.S. = 855+0.00  
 S.T. =

**CURVE DATA EX. MR 152**  
 P.I. = Sta. 28+35.59  
 Δ = 10°58'55" LT  
 Dc = 13°59'59"  
 R = 409.26'  
 T = 39.34'  
 L = 78.44'  
 E = 1.89'

**CURVE DATA PROP. S. HIGH ST.**  
 P.I. = Sta. 1+63.79  
 Δ = 13°24'09" RT  
 Dc = 28°38'52"  
 R = 200.00'  
 T = 23.5'  
 L = 46.78'  
 E = 1.38'

- MONUMENT LEGEND**
- ☒ EXISTING R/W MONUMENT BOX
  - ☒ PROPOSED R/W MONUMENT BOX
  - ⊙ EXISTING CONCRETE MONUMENT
  - PROPOSED CONCRETE MONUMENT
  - ⚡ RAILROAD SPIKE FOUND
  - ⚡ RAILROAD SPIKE SET
  - I.P.F. IRON PIN FOUND
  - I.P.F. IRON PIN FOUND W/ ID CAP
  - I.P.S. IRON PIN SET W/ ID CAP
  - I.P.F. IRON PIPE FOUND
  - I.P.S. IRON PIPE SET
  - P.K.F. P.K. NAIL FOUND
  - P.K.S. P.K. NAIL SET

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**FILED**  
**FEB 11 2022**

APPROVED FOR RECORDING  
 CITY OF URBANA  
 Tyler Bumbalough  
 CITY ENGINEER  
 DATE 2/11/22

KAREN T. BAILEY, Auditor  
 CHAMPAIGN COUNTY, OHIO

RECEIVED 2/11/2022  
 RECORDED 2/11/2022  
 Cabinet 2 PAGE 593  
 Glenda Bayman  
 COUNTY RECORDER

Harry G Herbst III, Professional Land Surveyor No. 6596,

Date: 2/10/2022

1 / 5	
DESIGN AGENCY	
DESIGNER	
HGH	
REVIEWER	
AJS	
PROJECT ID	
112019	
SUBSET	TOTAL
2	45
SHEET	TOTAL

CHP-S. HIGH STREET

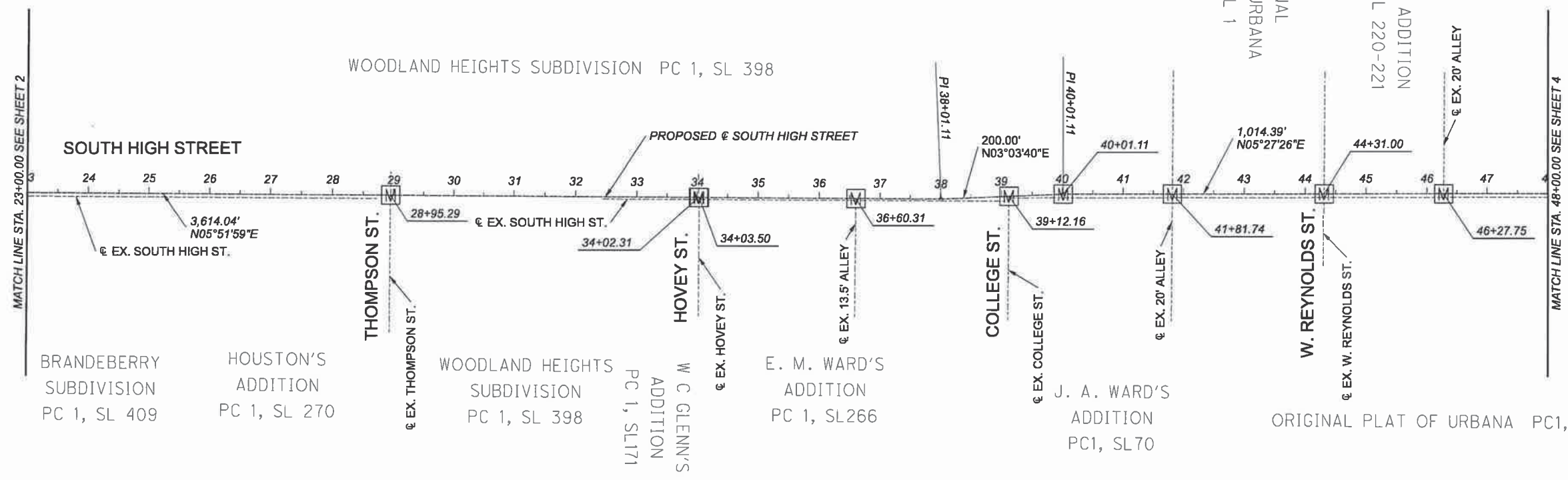
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202200000815 Pages: 1  
 Filed for Record in CHAMPAIGN County, Ohio  
 Glenda L. Bayman, Recorder  
 02/11/2022 02:20 PM Recording Fees: \$40.00  
 PLAT PLAT 2 / p594 - p594

**CHP-S. HIGH STREET**  
 CHAMPAIGN COUNTY  
 CITY OF URBANA  
 SEC 22 & 23, T.5, R.11, B.T.M.R.S.



ORIGINAL SCALE 1"=100'



CENTERLINE PLAT  
 STA. 23+00 TO STA. 48+00

CHP-S. HIGH STREET

MODEL: I2019\_R0002 PAPER SIZE: 17x11(in.) DATE: 2/10/2022 TIME: 5:05:40 PM USER: mmar  
 D:\City of Urbana\018055A.00 - South High Street\I2019\400-Engineering\Drawings\Sheets\I2019\_R0002.dgn

2 / 5



DESIGNER  
 HGH

REVIEWER  
 AJS

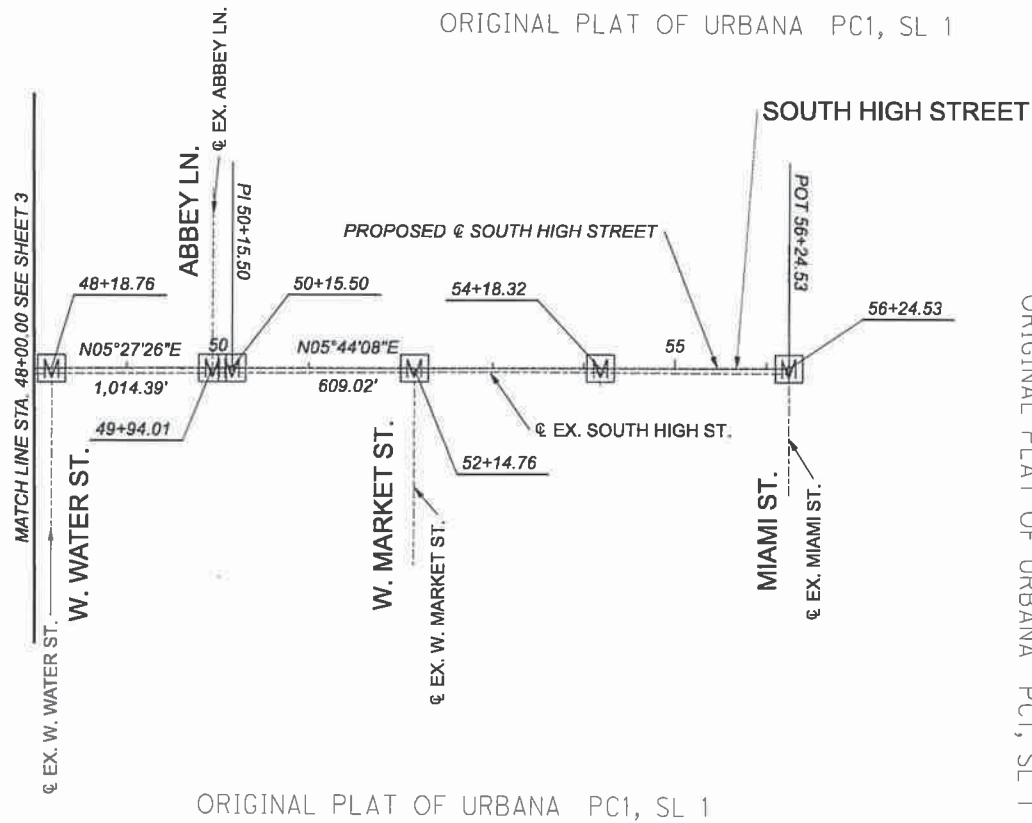
PROJECT ID  
 112019

SUBSET TOTAL  
 3 45

SHEET TOTAL

RECEIVED 2/11, 2022  
 RECORDED 2/11, 2022  
 Cabinet 2 PAGE 594  
 Glenda Bayman  
 COUNTY RECORDER

**CHP-S. HIGH STREET**  
 CHAMPAIGN COUNTY  
 CITY OF URBANA  
 SEC 22 & 23, T.5, R.11, B.T.M.R.S.



SETTING OF ALL MONUMENTS SHALL BE PERFORMED BY A SURVEYOR REGISTERED IN THE STATE OF OHIO. THE MONUMENT ASSEMBLIES AND REFERENCE MONUMENTS WILL BE INSTALLED BY THE CONTRACTOR AT THE TIME OF CONSTRUCTION. THE IRON PIN AND CAP (WHEN REQUIRED) ARE TO BE INSTALLED BY THE CONTRACTOR'S SURVEYOR.

CHANGES OR ALTERATIONS TO THE LOCATION OF ANY MONUMENTS SHOWN IN THIS TABLE, REQUIRE PRIOR APPROVAL FROM THE DISTRICT REAL ESTATE ADMINISTRATOR OF THE OHIO DEPARTMENT OF TRANSPORTATION. IN THE EVENT THAT CHANGES OR ALTERATIONS ARE APPROVED, A REVISED CENTERLINE PLAT WITH THE NEW LOCATIONS SHALL BE RECORDED IN THE APPLICABLE COUNTY RECORDS AND THE OHIO DEPARTMENT OF TRANSPORTATION. SPECIFICATIONS FOR MONUMENT ASSEMBLIES, REFERENCE MONUMENTS AND RIGHT OF WAY MONUMENTS ARE SHOWN ON STANDARD CONSTRUCTION DRAWING RM-1.1.

NOTE: IRON PINS SET ARE 3/4" IRON BAR WITH 2" ALUMINUM CAP STAMPED "LJB INC. PS 6596"

MONUMENT TABLE							
@ of S. HIGH STREET		PROJECT COORDINATES (Ground) SEE SURVEY CERTIFICATION		MONUMENTS TO BE SET DURING CONSTRUCTION		R/W MON. EXPECTED TO BE DISTURBED	DESCRIPTION
STATION	OFFSET	NORTH (Y)	EAST (X)	MON. ASSY.	REF. MON.	R/W MON.	DESCRIPTION
0+44.071	158.655' LT	764785.050'	1616649.698'				IRON PIN SET
00+00.000	0.000'	764762.168'	1616812.763'	1			MONUMENT BOX SET
01+03.164	104.701' LT	764850.709'	1616695.436'				3/8" IRON PIN FOUND J&H PS7831
01+03.372	104.035' LT	764851.003'	1616696.069'				IRON PIN SET
01+16.556	8.243' LT	764876.636'	1616789.305'			1	MAG NAIL SET
01+16.556	0.000'	764877.717'	1616797.477'			1	MAG NAIL SET
01+40.286	0.000'	764901.242'	1616794.364'	1			MONUMENT BOX SET
01+87.070	0.000'	764947.914'	1616793.684'	1			MONUMENT BOX SET
01+88.974	92.968' RT	764940.306'	1616886.360'				IRON PIN SET
04+83.670	58.446' LT	765236.988'	1616882.140'				IRON PIN SET
05+12.430	36.000' LT	765275.253'	1616791.129'				IRON PIN SET
06+04.364	34.246' RT	765359.522'	1616870.403'				IRON PIN SET
06+05.000	25.023' LT	765366.213'	1616811.510'			1	IRON PIN SET
06+05.000	34.000' LT	765367.131'	1616802.579'			1	IRON PIN SET
06+33.632	21.627' LT	765394.348'	1616817.814'			1	IRON PIN SET
06+65.693	2.709' RT	765423.753'	1616845.300'				MAG NAIL SET
06+65.778	22.291' LT	765426.394'	1616820.439'				3/8" IRON PIN FOUND J&H PS7830
07+64.811	22.531' LT	765524.932'	1616830.323'			1	IRON PIN SET
08+10.934	26.563' RT	765565.796'	1616883.874'				3/8" IRON PIN FOUND MLG PLS510
08+42.682	25.500' LT	765602.700'	1616835.328'			1	IRON PIN SET
08+54.332	25.500' LT	765614.289'	1616836.519'			1	IRON PIN SET
08+55.911	512.005' LT	765665.585'	1616352.724'				3/8" IRON PIN FOUND
08+95.000	37.000' RT	765648.355'	1616902.849'			1	IRON PIN SET
08+95.000	30.000' RT	765649.071'	1616895.885'			1	IRON PIN SET
09+24.722	176.210' RT	765663.693'	1617044.367'				3/8" IRON PIN FOUND EDWARDS PS7575
09+25.839	30.000' RT	765679.749'	1616899.037'			1	IRON PIN SET
09+25.855	26.587' RT	765680.113'	1616895.644'			1	3/8" IRON PIN FOUND
09+25.949	2.079' RT	765682.711'	1616871.273'			1	MAG NAIL SET
09+82.413	26.574' RT	765736.376'	1616901.412'			1	1/4" IRON PIN FOUND
09+82.415	30.000' RT	765736.028'	1616904.820'			1	IRON PIN SET
09+82.491	175.339' RT	765721.248'	1617049.406'				3/4" IRON PIN FOUND
10+42.867	22.711' LT	765801.551'	1616858.564'			1	3/8" IRON PIN FOUND S-6034IS-5456
10+42.872	25.500' LT	765801.841'	1616855.790'			1	IRON PIN SET
10+62.009	30.000' RT	765815.205'	1616912.955'			1	IRON PIN SET
10+62.022	26.383' RT	765815.587'	1616909.359'			1	1/4" IRON PIN FOUND
11+20.000	31.500' LT	765879.178'	1616857.705'			1	IRON PIN SET
11+20.000	25.500' LT	765878.565'	1616863.673'			1	IRON PIN SET
11+30.000	31.500' LT	765889.126'	1616858.727'			1	IRON PIN SET
11+30.000	23.416' LT	765888.299'	1616866.769'			1	IRON PIN SET
11+42.370	28.123' RT	765895.337'	1616919.302'			1	3/8" IRON PIN FOUND EDWARDS PLS510
11+42.545	22.491' LT	765900.684'	1616868.971'			1	3/8" IRON PIN FOUND EDWARDS
11+42.597	30.000' RT	765895.371'	1616921.192'			1	IRON PIN SET
11+51.779	26.532' RT	765904.859'	1616918.681'			1	IRON PIN SET
11+51.869	23.469' LT	765910.059'	1616868.951'			1	IRON PIN SET
11+62.505	0.000'	765918.240'	1616893.384'	1			MONUMENT BOX SET
11+82.556	28.543' LT	765941.104'	1616867.040'			1	IRON PIN SET
11+82.560	51.000' RT	765932.978'	1616946.167'				IRON PIN SET
11+82.603	26.812' RT	765935.493'	1616922.110'			1	3/8" IRON PIN FOUND
11+87.547	23.555' LT	765945.559'	1616872.512'			1	IRON PIN SET
12+00.000	32.000' RT	765952.269'	1616929.049'				IRON PIN SET
12+57.662	26.790' RT	766010.161'	1616929.760'			1	3/8" IRON PIN FOUND
12+57.826	32.000' RT	766009.792'	1616934.959'				IRON PIN SET
13+11.155	19.376' LT	766068.093'	1616889.303'			1	3/8" IRON PIN FOUND EDWARDS PS7574
13+25.344	31.960' RT	766076.960'	1616941.820'				IRON PIN SET
13+89.457	199.548' LT	766164.400'	1616718.078'				3/8" IRON PIN FOUND EDWARDS PS7574
13+93.055	32.000' RT	766144.313'	1616948.781'				IRON PIN SET
13+93.361	24.781' LT	766150.421'	1616892.329'			1	1" IRON PIPE FOUND
14+49.762	199.282' LT	766224.362'	1616724.507'				IRON PIN AND CAP FOUND
14+53.185	24.706' LT	766209.924'	1616898.518'			1	1" IRON PIPE FOUND
14+64.050	32.000' RT	766214.936'	1616956.038'			1	IRON PIN SET
15+18.174	24.356' LT	766274.537'	1616905.509'			1	3/4" IRON PIN FOUND
15+35.110	32.000' RT	766285.623'	1616963.301'			1	IRON PIN SET
16+05.000	32.000' RT	766355.148'	1616970.444'			1	IRON PIN SET
16+15.001	25.410' RT	766365.770'	1616964.911'			1	IRON PIN SET
16+15.600	70.000' RT	766361.808'	1617009.329'			1	IRON PIN SET
16+16.538	129.336' RT	766356.676'	1617068.450'				3/8" IRON PIPE FOUND
SUB-TOTAL				4		41	

ORIGINAL SCALE 1"=100'



CENTERLINE PLAT  
 STA. 48+00.00 TO STA. 56+24.53

CHP-S. HIGH STREET

MODEL: I2019-RC003 PAPER SIZE: 11x17 (in.) DATE: 2/10/2022 TIME: 5:05:42 PM USER: mmar  
 G:\City of Urbana\I2019-RC003\400-Engineer\Inp\RM\Sheets\I2019-RC003.dgn

3 / 5  
 DESIGN AGENCY  
  
 DESIGNER  
 HGH  
 REVIEWER  
 HGH  
 PROJECT ID  
 112019  
 SUBSET TOTAL  
 4 45  
 SHEET TOTAL  
 4 45

RECEIVED 2/11, 2022  
 RECORDED 2/11, 2022  
 Cabinet 2 PAGE 595  
 Glenda Bayman  
 COUNTY RECORDER

NOTE: IRON PINS SET ARE 3/4" IRON BAR WITH 2" ALUMINUM CAP STAMPED "LJB INC. PS 6596"

# CHP-S. HIGH STREET

CHAMPAIGN COUNTY  
CITY OF URBANA  
SEC 22 & 23, T.5, R.11, B.T.M.R.S.

SETTING OF ALL MONUMENTS SHALL BE PERFORMED BY A SURVEYOR REGISTERED IN THE STATE OF OHIO. THE MONUMENT ASSEMBLIES AND REFERENCE MONUMENTS WILL BE INSTALLED BY THE CONTRACTOR AT THE TIME OF CONSTRUCTION. THE IRON PIN AND CAP (WHEN REQUIRED) ARE TO BE INSTALLED BY THE CONTRACTOR'S SURVEYOR.

CHANGES OR ALTERATIONS TO THE LOCATION OF ANY MONUMENTS SHOWN IN THIS TABLE, REQUIRE PRIOR APPROVAL FROM THE DISTRICT REAL ESTATE ADMINISTRATOR OF THE OHIO DEPARTMENT OF TRANSPORTATION. IN THE EVENT THAT CHANGES OR ALTERATIONS ARE APPROVED, A REVISED CENTERLINE PLAT WITH THE NEW LOCATIONS SHALL BE RECORDED IN THE APPLICABLE COUNTY RECORDS AND THE OHIO DEPARTMENT OF TRANSPORTATION. SPECIFICATIONS FOR MONUMENT ASSEMBLIES, REFERENCE MONUMENTS AND RIGHT OF WAY MONUMENTS ARE SHOWN ON STANDARD CONSTRUCTION DRAWING RM-1.1.



MONUMENT TABLE

@ of S. HIGH STREET		PROJECT COORDINATES (Ground) SEE SURVEY CERTIFICATION		MONUMENTS TO BE SET DURING CONSTRUCTION		R/W MON. EXPECTED TO BE DISTURBED	DESCRIPTION
STATION	OFFSET	NORTH (Y)	EAST (X)	MON. ASSY.	REF. MON.	R/W MON.	DESCRIPTION
16+27.168	0.000'	766380.471'	1616940.878'	1			MONUMENT BOX SET
16+34.662	0.000'	766387.925'	1616941.644'	1			MONUMENT BOX SET
16+46.894	29.000' LT	766403.057'	1616914.046'			1	IRON PIN SET
16+51.941	24.000' LT	766407.567'	1616919.535'			1	IRON PIN SET
16+55.085	31.670' RT	766405.034'	1616974.944'			1	1/2" IRON PIPE FOUND
17+07.040	31.324' RT	766456.722'	1616980.201'			1	3/8" IRON PIN FOUND EDWARDS 4152/1574
17+08.205	118.080' RT	766449.014'	1617066.622'			1	3/8" IRON PIN FOUND EDWARDS 4152/1575
17+56.867	31.610' RT	766506.259'	1616985.579'			1	3/8" IRON PIN FOUND
17+65.000	38.000' LT	766521.464'	1616917.165'				IRON PIN SET
17+65.000	24.000' LT	766520.034'	1616931.091'			1	IRON PIN SET
17+85.000	24.000' LT	766539.929'	1616933.135'			1	IRON PIN SET
17+85.000	38.000' LT	766541.360'	1616919.209'				IRON PIN SET
18+06.963	30.902' RT	766556.165'	1616989.995'			1	1" IRON PIPE FOUND
18+57.077	31.146' RT	766605.992'	1616995.360'			1	1/2" IRON PIPE FOUND
19+81.672	26.113' RT	766730.449'	1617003.088'			1	T-BAR FOUND
22+61.216	30.904' RT	767008.039'	1617036.426'			1	1" IRON PIPE FOUND
23+25.110	30.926' RT	767071.596'	1617042.979'			1	3/8" IRON PIN FOUND EDWARDS PS4792
24+53.068	30.701' RT	767198.907'	1617055.834'			1	1" IRON PIPE FOUND
25+35.512	30.266' RT	767280.964'	1617063.827'			1	3/8" IRON PIN FOUND
26+00.514	30.685' RT	767345.582'	1617070.888'			1	3/8" IRON PIN FOUND
26+20.236	24.000' LT	767370.791'	1617018.505'			1	IRON PIN SET
26+34.236	38.000' LT	767386.148'	1617006.010'			1	IRON PIN SET
26+65.698	30.432' RT	767410.451'	1617077.299'			1	1" IRON PIPE FOUND
27+05.395	38.000' LT	767456.934'	1617013.283'			1	IRON PIN SET
27+19.056	24.000' LT	767469.117'	1617028.365'			1	IRON PIN SET
27+65.598	30.479' RT	767509.823'	1617087.557'			1	3/8" IRON PIN FOUND
27+86.406	169.564' LT	767550.968'	1616890.688'			1	1/2" IRON PIN FOUND
27+87.505	24.000' LT	767537.184'	1617035.602'			1	IRON PIN SET
28+13.821	23.493' RT	767558.507'	1617085.536'			1	3/8" IRON PIN FOUND
28+76.754	105.278' LT	767634.273'	1616963.872'			1	3/8" IRON PIN FOUND
28+95.295	0.000'	767641.956'	1617070.494'	1			MONUMENT BOX SET
29+69.589	26.000' RT	767713.203'	1617103.951'			1	3/8" IRON PIN FOUND
30+24.720	26.083' RT	767768.037'	1617109.669'			1	3/8" IRON PIN FOUND
30+25.386	198.275' RT	767751.100'	1617281.027'			1	1" IRON PIPE FOUND
30+79.605	25.998' RT	767822.643'	1617115.194'			1	3/8" IRON PIN FOUND
30+79.739	25.980' RT	767822.778'	1617115.190'			1	3/8" IRON PIN FOUND
31+34.346	25.966' RT	767877.101'	1617120.757'			1	3/8" IRON PIN FOUND
31+34.491	198.527' RT	767859.608'	1617292.429'			1	3/8" IRON PIN FOUND
31+56.000	30.000' LT	767904.362'	1617067.297'			1	IRON PIN SET
31+56.000	24.000' LT	767903.749'	1617073.266'			1	IRON PIN SET
31+65.306	30.000' LT	767913.619'	1617068.249'			1	IRON PIN SET
31+65.306	24.000' LT	767913.006'	1617074.217'			1	IRON PIN SET
31+89.135	26.000' RT	767931.600'	1617126.391'			1	3/8" IRON PIN FOUND
31+89.305	198.422' RT	767914.145'	1617297.927'			1	3/8" IRON PIN FOUND
32+43.996	26.000' RT	767986.173'	1617131.998'			1	IRON PIN SET
32+43.996	198.299' RT	767986.562'	1617303.395'			1	3/8" IRON PIN FOUND
32+90.496	26.000' RT	768032.429'	1617136.751'			1	IRON PIN SET
33+36.996	37.000' RT	768077.561'	1617152.446'			1	IRON PIN SET
33+36.996	26.000' RT	768078.686'	1617141.504'			1	IRON PIN SET
33+81.710	94.146' LT	768135.446'	1617026.557'			1	3/8" IRON PIN FOUND
33+83.496	23.500' RT	768125.198'	1617143.770'			1	IRON PIN SET
33+83.496	37.000' RT	768123.818'	1617157.199'			1	IRON PIN SET
34+02.305	0.000'	768146.311'	1617122.315'	1			MONUMENT BOX SET
34+03.496	0.000'	768147.495'	1617122.437'	1			MONUMENT BOX SET
34+23.496	30.000' RT	768164.324'	1617154.324'			1	IRON PIN SET
34+23.496	23.075' RT	768165.032'	1617147.435'			1	IRON PIN SET
34+30.000	23.070' RT	768171.503'	1617148.095'			1	IRON PIN SET
35+82.505	2.965' RT	768325.263'	1617143.683'			1	MAG NAIL SET
35+82.505	22.035' LT	768327.819'	1617118.814'			1	IRON PIN SET
35+84.497	22.964' RT	768325.201'	1617163.781'			1	3/8" IRON PIN FOUND
35+87.916	195.644' RT	768310.953'	1617335.906'			1	3/8" IRON PIN FOUND
36+31.000	22.932' RT	768371.464'	1617168.502'			1	IRON PIN SET
36+31.000	30.000' RT	768370.742'	1617175.533'				IRON PIN SET
36+52.847	196.270' RT	768375.480'	1617343.166'			1	3/8" IRON PIN FOUND
36+53.475	30.000' RT	768393.099'	1617177.830'			1	MAG NAIL SET
36+53.496	22.917' RT	768393.844'	1617170.786'			1	MAG NAIL SET
36+60.314	0.000'	768402.968'	1617148.687'	1			MONUMENT BOX SET
36+66.863	22.705' RT	768407.162'	1617171.942'			1	PK NAIL FOUND
SUB-TOTAL				6		46	

MONUMENT TABLE

@ of S. HIGH STREET		PROJECT COORDINATES (Ground) SEE SURVEY CERTIFICATION		MONUMENTS TO BE SET DURING CONSTRUCTION		R/W MON. EXPECTED TO BE DISTURBED	DESCRIPTION
STATION	OFFSET	NORTH (Y)	EAST (X)	MON. ASSY.	REF. MON.	R/W MON.	DESCRIPTION
38+01.111	0.000'	768543.028'	1617163.078'	1			MONUMENT BOX SET
38+05.469	22.000' LT	768548.555'	1617141.342'			1	IRON PIN SET
38+85.331	36.068' RT	768625.202'	1617203.592'			1	IRON PIN SET
38+85.779	26.932' RT	768626.137'	1617194.493'			1	IRON PIN SET
38+86.474	22.000' LT	768629.444'	1617145.668'			1	IRON PIN SET
38+90.325	36.313' RT	768630.176'	1617204.103'			1	DRILL HOLE SET
38+90.773	27.174' RT	768631.111'	1617195.001'			1	DRILL HOLE SET
38+93.460	28.986' LT	768636.793'	1617139.064'			1	IRON PIN SET
39+11.729	8.163' RT	768653.052'	1617177.136'			1	MAG NAIL SET
39+12.162	0.000'	768653.920'	1617169.008'	1			MONUMENT BOX SET
39+13.439	28.077' LT	768656.695'	1617141.039'			1	MAG NAIL SET
39+33.223	22.857' LT	768676.172'	1617147.309'			1	IRON PIN SET
39+33.314	24.856' LT	768676.369'	1617145.317'			1	IRON PIN SET
40+01.111	0.000'	768742.743'	1617173.758'	1			MONUMENT BOX SET
41+71.897	22.000' LT	768914.846'	1617168.100'			1	IRON PIN SET
41+81.740	0.000'	768922.553'	1617190.936'	1			MONUMENT BOX SET
41+90.914	119.711' RT	768920.301'	1617310.977'			1	3/8" IRON PIN FOUND
41+91.840	14.020' LT	768933.941'	1617177.941'			1	IRON PIN SET
41+91.883	20.000' LT	768934.552'	1617171.992'			1	IRON PIN SET
42+66.885	20.000' LT	769009.214'	1617179.124'			1	IRON PIN SET
43+40.075	20.000' LT	769082.072'	1617186.085'			1	3/8" IRON PIN FOUND RUTTER PS7958
43+41.887	20.000' LT	769083.876'	1617186.257'			1	IRON PIN SET
44+02.142	20.000' LT	769143.858'	1617191.988'			1	IRON PIN SET
44+05.062	19.933' LT	769146.758'	1617192.332'			1	3/8" IRON PIN FOUND
44+05.584	119.797' RT	769133.989'	1617331.478'			1	3/4" IRON PIPE FOUND PINCH TOP
44+06.305	8.313' LT	769146.891'	1617204.018'			1	MAG NAIL SET
44+06.419	24.277' LT	769148.522'	1617188.137'			1	IRON PIN SET
44+30.996	0.000'	769170.679'	1617214.641'	1			MONUMENT BOX SET
44+54.945	20.044' RT	769192.613'	1617236.872'			1	3/8" IRON PIN FOUND EDWARDS PS4792
44+55.323	119.009' RT	769183.578'	1617335.424'			1	3/8" IRON PIN FOUND EDWARDS PS4793
44+55.450	119.024' RT	769183.703'	1617335.451'			1	3/8" IRON PIN FOUND
44+55.477	20.534' RT	769193.096'	1617237.410'			1	IRON PIN SET
44+55.49	23.500' RT	769192.695'	1617241.858'			1	IRON PIN SET
46+14.60	19.500' RT	769192.830'	1617240.364'			1	RAILROAD SPIKE FOUND
46+15.428	118.396' RT	769343.016'	1617350.040'			1	3/8" IRON PIN FOUND EDWARDS PS4792PS7574
46+20.560	23.500' RT	769357.149'	1617256.062'			1	MAG NAIL SET
46+27.751	0.000'	769366.543'	1617233.353'	1			MONUMENT BOX SET
46+50.000	20.405' RT	769386.750'	1617255.781'			1	IRON PIN SET
46+50.000	23.500' RT	769386.456'	1617258.862'			1	IRON PIN SET
47+88.000	24.000' LT	769528.347'	1617224.701'			1	IRON PIN SET
47+88.000	19.510' LT	769527.920'	1617229.171'			1	IRON PIN SET
47+98.000	19.544' LT	769537.878'	1617230.088'			1	IRON PIN SET
47+98.000	24.000' LT	769538.302'	1617225.652'			1	IRON PIN SET
48+18.756	0.000'	769556.682'	1617251.518'	1			MONUMENT BOX SET
48+90.005	18.500' LT	769629.367'	1617239.877'			1	IRON PIN SET
49+69.322	8.688' LT	769707.391'	1617257.188'			1	DRILL HOLE SET
49+69.392	18.500' LT	769708.394'	1617247.427'			1	IRON PIN SET
49+94.011	0.000'	769731.142'	1617268.185'	1			MONUMENT BOX SET
50+15.502	0.000'	769752.536'	1617270.228'	1			MONUMENT BOX SET
50+15.601	20.000' RT	769750.636'	1617290.138'			1	3/8" IRON PIN FOUND
50+18.798	15.996' LT	769757.414'	1617254.642'			1	IRON PIN SET
50+18.814	23.000' LT	769758.130'	1617247.674'			1	IRON PIN SET
50+25.000	18.500' LT	769763.835'	1617252.770'			1	IRON PIN SET
50+95.000	19.653' RT	769829.672'	1617297.728'			1	IRON PIN SET
SUB-TOTAL				9		40	

CENTERLINE PLAT  
MONUMENT TABLE

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DESIGN AGENCY



DESIGNER

HGH

REVIEWER

AJS

PROJECT ID

112019

SUBSET TOTAL

5 45

SHEET TOTAL

RECEIVED 2/11, 2022  
RECORDED 2/11, 2022  
Cabinet 2 PAGE 59



202200000818 Pages: 1  
 Filed for Record in CHAMPAIGN County, Ohio  
 Glenda L. Bayman, Recorder  
 02/11/2022 02:20 PM Recording Fees: \$40.00  
 PLAT PLAT 2 / p597 - p597

# CHP-S. HIGH STREET

CHAMPAIGN COUNTY  
 CITY OF URBANA  
 SEC 22 & 23, T.5, R.11, B.T.M.R.S.



CENTERLINE PLAT  
 MONUMENT TABLE

MONUMENT TABLE							
@ of S. HIGH STREET		PROJECT COORDINATES (Ground) SEE SURVEY CERTIFICATION		MONUMENTS TO BE SET DURING CONSTRUCTION		R/W MON. EXPECTED TO BE DISTURBED	
STATION	OFFSET	NORTH (Y)	EAST (X)	MON. ASSY.	REF. MON.	R/W MON.	DESCRIPTION
51+00.000	20.000' RT	769834.612'	1617298.573'			1	IRON PIN SET
51+50.000	20.000' RT	769884.362'	1617303.570'			1	IRON PIN SET
51+61.798	18.500' LT	769899.949'	1617266.442'			1	IRON PIN SET
51+81.688	32.000' RT	769914.692'	1617318.677'				IRON PIN SET
51+81.718	19.245' RT	769915.996'	1617305.988'			1	IRON PIN SET
51+82.586	118.240' RT	769906.967'	1617404.574'				1" IRON PIPE FOUND
52+14.762	0.000'	769950.798'	1617290.142'	1			MONUMENT BOX SET
52+47.715	20.500' RT	769981.538'	1617313.833'			1	IRON PIN SET
52+47.719	18.878' RT	769981.703'	1617312.219'			1	DRILL HOLE SET
52+69.731	18.500' LT	770007.341'	1617277.228'			1	IRON PIN SET
52+97.254	18.604' RT	770031.018'	1617316.897'			1	DRILL HOLE SET
53+60.276	20.500' RT	770093.535'	1617325.082'			1	MAG NAIL SET
53+62.791	20.192' LT	770100.104'	1617284.845'			1	1/2" IRON PIPE FOUND
53+62.811	18.475' LT	770099.952'	1617286.555'			1	IRON PIN SET
54+13.278	20.500' RT	770146.272'	1617330.379'			1	MAG NAIL SET
54+18.325	0.000'	770153.342'	1617310.486'	1			MONUMENT BOX SET
54+22.553	23.500' LT	770159.897'	1617287.526'			1	IRON PIN SET
54+22.576	19.959' LT	770159.567'	1617291.051'			1	1/2" IRON PIPE FOUND
54+23.075	19.040' RT	770156.166'	1617329.905'			1	3/8" IRON PIN FOUND
54+23.278	20.500' RT	770156.222'	1617331.378'			1	IRON PIN SET
55+81.000	20.500' RT	770313.154'	1617347.140'			1	IRON PIN SET
55+83.127	23.500' LT	770319.668'	1617303.573'			1	IRON PIN SET
55+83.165	17.464' LT	770319.102'	1617309.583'			1	DRILL HOLE SET
55+83.307	19.875' RT	770315.512'	1617346.749'			1	1/2" IRON PIPE FOUND
55+83.410	21.500' RT	770315.453'	1617348.376'			1	IRON PIN SET
56+24.526	0.000'	770358.511'	1617331.093'	1			MONUMENT BOX SET
SUB-TOTAL				3		21	
TOTAL CARRIED TO GENERAL SUMMARY SHEET				22		148	

MONUMENT TABLE							
@ of SR 55		PROJECT COORDINATES (Ground) SEE SURVEY CERTIFICATION		MONUMENTS TO BE SET DURING CONSTRUCTION		R/W MON. EXPECTED TO BE DISTURBED	
STATION	OFFSET	NORTH (Y)	EAST (X)	MON. ASSY.	REF. MON.	R/W MON.	DESCRIPTION
862+92.64	89.25' LT	764594.288'	1616245.048'				3/8" IRON PIN FOUND
867+39.28	90.16' LT	764784.885'	1616648.975'				3/8" IRON PIN FOUND J&H PS7830

SETTING OF ALL MONUMENTS SHALL BE PERFORMED BY A SURVEYOR REGISTERED IN THE STATE OF OHIO. THE MONUMENT ASSEMBLIES AND REFERENCE MONUMENTS WILL BE INSTALLED BY THE CONTRACTOR AT THE TIME OF CONSTRUCTION. THE IRON PIN AND CAP (WHEN REQUIRED) ARE TO BE INSTALLED BY THE CONTRACTOR'S SURVEYOR.

CHANGES OR ALTERATIONS TO THE LOCATION OF ANY MONUMENTS SHOWN IN THIS TABLE, REQUIRE PRIOR APPROVAL FROM THE DISTRICT REAL ESTATE ADMINISTRATOR OF THE OHIO DEPARTMENT OF TRANSPORTATION. IN THE EVENT THAT CHANGES OR ALTERATIONS ARE APPROVED, A REVISED CENTERLINE PLAT WITH THE NEW LOCATIONS SHALL BE RECORDED IN THE APPLICABLE COUNTY RECORDS AND THE OHIO DEPARTMENT OF TRANSPORTATION. SPECIFICATIONS FOR MONUMENT ASSEMBLIES, REFERENCE MONUMENTS AND RIGHT OF WAY MONUMENTS ARE SHOWN ON STANDARD CONSTRUCTION DRAWING RM-1.1.

NOTE: IRON PINS SET ARE 3/4" IRON BAR WITH 2" ALUMINUM CAP STAMPED "LJB INC. PS 6596"

RECEIVED 2/11, 2022  
 RECORDED 2/11, 2022  
 Cabinet 2 PAGE 597  
 Glenda Bayman  
 COUNTY RECORDER

5 / 5

DESIGN AGENCY



DESIGNER

HGH

REVIEWER

AJS

PROJECT ID

112019

SUBSET TOTAL

6 45

SHEET TOTAL

CHP-S. HIGH STREET

MODEL: I2019\_R0005 PAPER SIZE: 17x11(in.) DATE: 2/10/2022 TIME: 5:05:16 PM USER: mmar  
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GRANTEE: ALL RIGHT OF WAY ACQUIRED IN THE NAME OF THE CITY OF URBANA, OHIO, UNLESS OTHERWISE SHOWN.

ALL AREAS IN ACRES

NET RESIDUE = RECORD AREA - TOTAL PRO - NET TAKE

\* DENOTES RIGHT OF WAY ENCROACHMENT

RECORD AREA IS AUDITOR'S RECORD AREA UNLESS NOTED \*\* IN THE REMARKS COLUMN

PARCEL NO.	OWNER	SHEET NO.	OWNERS RECORD		AUDITOR'S PARCEL	RECORD AREA **	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET RESIDUE		TYPE FUND	REMARKS	AS ACQUIRED	
			BOOK	PAGE								LEFT	RIGHT			BOOK	PAGE
														LOCAL			
8-WD	JOSEPH BUCKWALTER AND JACQUELINE C. BUCKWALTER	7, 26, 27	OR 57 P.	489	K48-25-00-01-20-029-00	0.158	0.000	0.006	0.000	0.006		0.152			PT LOT 7; TAYLOR & YOUNG'S SUB ** DEED		
8-T		7, 26, 27			K48-25-00-01-20-029-00			0.028	0.000	0.028					PERFORM GRADING AND CONNECT DRIVE		
9-WD	JAMIE B. EVILSIZOR	7, 26, 27	OR 562 P.	509	K48-25-00-01-20-032-00	0.161	0.000	0.006	0.000	0.006			0.155		PT LOT 7; TAYLOR & YOUNG'S SUB ** CALCULATED FROM DEED		
9-T1		7, 26, 27			K48-25-00-01-20-032-00			0.015	0.000	0.015					PERFORM GRADING AND CONNECT DRIVE		
9-T2		7, 26, 27			K48-25-00-01-20-032-00			0.004	0.000	0.004					PERFORM GRADING		
10-WD	RICHARD H. ROBINSON III & DEBORAH ROBINSON	7, 26, 27	OR 467 P.	242	K48-25-00-01-20-017-00 K48-25-00-01-20-015-00 TOTAL 10-WD	0.179 0.111 0.290	0.000 0.000 0.000	*** 0.000 0.000 *** 0.000	0.000 0.000 0.000	*** 0.000 0.000 *** 0.000		0.290			PT LOT 8 & 9; TAYLOR & YOUNG'S SUB PT LOT 8 & 9; TAYLOR & YOUNG'S SUB ** -017 CALCULATED FROM DEED, -015 DEED *** TAKE IS 12.5 S.F.		
10-T		7, 26-29			K48-25-00-01-20-017-00 K48-25-00-01-20-015-00 TOTAL 10-T			0.016 0.014 0.030	0.000 0.000 0.000	0.016 0.014 0.030					PERFORM GRADING AND CONNECT DRIVE		
11	JAMES A. FREYHOF	7, 26, 27	OR 566 P.	2701	K48-25-00-01-20-018-00	0.197	0.000								PT LOT 8; TAYLOR & YOUNG'S SUB NO ADDITIONAL RW REQUIRED ** DEED		
12-WD	CECELIA A. WALTER & THERESA BETH WALTER, COTRUSTEES OF THE RONALD E WALTER TRUST	7, 26, 27	OR 374 P.	451	K48-25-00-01-20-008-01	0.221	0.000	0.014	0.000	0.014			0.207		PT LOT 8; TAYLOR & YOUNG'S SUB ** CALCULATED FROM DEED		
13-WD	RITA P. BLAIR	7, 26-29	OR 531 P.	539	K48-25-00-01-20-007-01	0.194	0.000	0.009	0.000	0.009			0.185		PT LOTS 8 & 9; TAYLOR & YOUNG'S SUB ** CALCULATED FROM DEED		
13-T		7, 26-29			K48-25-00-01-20-007-01			0.015	0.000	0.015					PERFORM GRADING AND CONNECT DRIVE		
14-T	RANELLE EASTERDAY	7, 28, 29	OR 508 P.	1186	K48-25-00-01-20-014-00	0.29	0.000	0.021	0.000	0.021					PT LOTS 9 & 10; TAYLOR & YOUNG'S SUB; ** DEED PERFORM GRADING AND CONNECT DRIVE		
15-WD	CHAN YUN YU	7, 28, 29	OR 562 P.	3371	K48-25-00-01-20-007-02	0.194	0.000	0.009	0.000	0.009			0.185		PT LOTS 9 & 10; TAYLOR & YOUNG'S SUB ** CALCULATED FROM DEED		
15-T		7, 28, 29			K48-25-00-01-20-007-02			0.013	0.000	0.013					PERFORM GRADING AND CONNECT DRIVE		
16-WD	JERRY A. COOPER	7, 28, 29	OR 536 P.	2744	K48-25-00-01-20-004-00 K48-25-00-01-20-006-00 TOTAL 16-WD :	0.159 0.157 0.316	0.000 0.000 0.000	0.010 0.000 0.010	0.000 0.000 0.000	0.010 0.000 0.010			0.306		PT LOT 10; TAYLOR & YOUNG'S SUB ** CALCULATED FROM DEED		
16-T		7, 28, 29			K48-25-00-01-20-004-00			0.020	0.000	0.020					PERFORM GRADING AND CONNECT DRIVE		
17-T	JOSEPH A. ZIEGLER	7, 28, 29	OR 576 P.	3291	K48-25-00-01-20-013-00	0.26	0.000	0.018	0.000	0.018					PT LOT 10; TAYLOR & YOUNG'S SUB PERFORM GRADING AND CONNECT DRIVE ** DEED		
18-T	LISA ADAMS, NOLAN ADAMS JR. & BRENDA MINNIFIELD	7, 28, 29	OR 566 P.	5433	K48-25-00-01-20-011-00	0.261	0.000	0.021	0.000	0.021					PT LOTS 10 & 11; TAYLOR & YOUNG'S SUB PERFORM GRADING AND CONNECT DRIVE 16 LF FENCE; *60 LF FENCE; ** DEED		



SUMMARY OF ADDITIONAL RIGHT OF WAY (PARCELS 8-18)

PARCEL IDENTIFIER LEGEND

WD = FEE SIMPLE RESERVATION OF ACCESS  
T = TEMPORARY EASEMENT

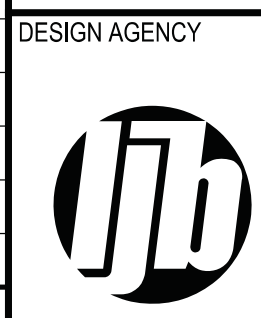
NOTE: ALL TEMPORARY PARCELS TO BE OF 24 MONTHS DURATION.

NOTE: UNDER NO CIRCUMSTANCES ARE TEMPORARY EASEMENTS TO BE USED FOR STORAGE OF MATERIAL OR EQUIPMENT BY THE CONTRACTOR UNLESS NOTED OTHERWISE.

DESIGNER	HGH
REVIEWER	AJS
PROJECT ID	112019
REV. BY	DATE
DESCRIPTION	
FIELD REVIEW BY	DATE:
OWNERSHIP VERIFIED BY	DATE:
DATE COMPLETED	
SUBSET	TOTAL
11	45
SHEET	TOTAL
188	222

CHP-S. HIGH STREET

MODEL: Sheet PAPER SIZE: 34x22 (in.) DATE: 3/1/2023 TIME: 2:15:51 PM USER: bgressel C:\City of Urbana\0118055A.00 - South High Street\112019\00-Engineering\RW\Sheets\112019\_RS002.dgn



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\* DENOTES RIGHT OF WAY ENCROACHMENT

PARCEL NO.	OWNER	SHEET NO.	OWNERS RECORD		AUDITOR'S PARCEL	RECORD AREA **	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET RESIDUE		TYPE FUND	REMARKS	AS ACQUIRED	
			BOOK	PAGE								LEFT	RIGHT			BOOK	PAGE
19-WD	SYLVIA J. WILL	7, 28, 29	OR 536 P.	1412	K48-25-00-01-20-003-00	0.159	0.000	0.010	0.000	0.010			0.149	LOCAL	PT LOTS 10 & 11; TAYLOR & YOUNG'S SUB ** CALCULATED FROM DEED		
19-T		7, 28, 29			K48-25-00-01-20-003-00			0.017	0.000	0.017					PERFORM GRADING AND CONNECT DRIVE		
20-T	LYNN M. MINTCHELL AKA LYNN R. MINTCHELL	7, 28, 29	OR 497 P.	1331	K48-25-00-01-20-012-00	0.379	0.000	0.028	0.000	0.028					PT LOT 11; TAYLOR & YOUNG'S SUB PERFORM GRADING AND CONNECT DRIVE		
21-WD	CHRISTOPHER C. TAYLOR & SHARON L. TAYLOR	7, 28, 29	OR 464 P.	2992	K48-25-00-01-20-002-00	0.180	0.000	0.016	0.000	0.016			0.164		PT LOT 11; TAYLOR & YOUNG'S SUB ** CALCULATED FROM DEED		
21-T		7, 28, 29			K48-25-00-01-20-002-00			0.018	0.000	0.018					PERFORM GRADING		
22	CECELIA A. WALTER & THERESA BETH WALTER, COTRUSTEES OF THE RONALD E. WALTER TRUST	7, 28, 29	OR 374 P.	94	K48-25-00-01-20-005-00 K48-25-00-01-20-001-00	0.100 0.241	0.000 0.000								PT LOT 10; TAYLOR & YOUNG'S SUB PT LOT 11; TAYLOR & YOUNG'S SUB ** MEASURED; NO ADDITIONAL RW REQUIRED		
23-T	MARY SUE FRAZIER	8, 28, 29	OR 477 P.	944	K48-25-00-01-03-015-00	0.099	0.000	0.001	0.000	0.001					PT LOT 46; CRAWFORD SUB; ** MEASURED PERFORM GRADING		
24	COLUMBIA GAS OF OHIO, INC.	8, 28, 29	DV 235 P.	711	K48-25-00-01-03-016-00	0.004	0.000								PT LOT 46; CRAWFORD SUB ** CALCULATED FROM DEED; NO ADDITIONAL RW REQUIRED		
25	DOROTHY L. BEATTY TOD GARY L. BEATTY	8, 28, 29	OR 465 P.	514	K48-25-00-01-03-017-00 K48-25-00-01-03-018-00	0.102 0.099	0.000 0.000								34; CRAWFORD SUB 35; CRAWFORD SUB NO ADDITIONAL RW REQUIRED ** MEASURED		
26-WD	FRANKLIN UNIVERSITY-URBANA, LLC, AN OHIO NON-PROFIT LIABILITY COMPANY	8, 28-33	OR 525 P. 1564 OR 525 P. 1571 OR 524 P. 1378		K48-25-11-01-31-028-00 K48-25-11-01-31-028-01 K48-25-11-01-31-026-00 TOTAL 26-WD	48.80 1.03 5.86 55.690	0.000 0.000 0.000 0.000	0.156 0.007 0.000 0.163	0.000 0.000 0.000 0.000	0.156 0.007 0.000 0.163			55.527				
26-T1		8, 28, 29			K48-25-11-01-31-028-00			0.016	0.000	0.016					PERFORM GRADING		
26-T2		8, 28, 29			K48-25-11-01-31-028-00 K48-25-11-01-31-028-01 TOTAL 26-T2			0.239 0.037 0.276	0.000 0.000 0.000	0.239 0.037 0.276					PERFORM GRADING AND CONNECT DRIVE		
27-T	DANIEL R. LONG & AUDREE J. LONG	8, 28, 29	OR 522 P.	3496	K48-25-00-01-03-014-00	0.100	0.000	0.008	0.000	0.008					45; CRAWFORD SUB PERFORM GRADING AND CONNECT DRIVE ** MEASURED		
28-T1	JOSIAH W. MOYER & TAYLOR B. SALYER	8, 28, 29	OR 566 P.	1461	K48-25-00-01-03-013-00	0.100	0.000	0.002	0.000	0.002					44; CRAWFORD SUB PERFORM GRADING ** MEASURED		
28-T2		8, 28-31			K48-25-00-01-03-013-00			0.008	0.000	0.008					PERFORM GRADING AND CONNECT DRIVE		



SUMMARY OF ADDITIONAL RIGHT OF WAY (PARCELS 19-28)

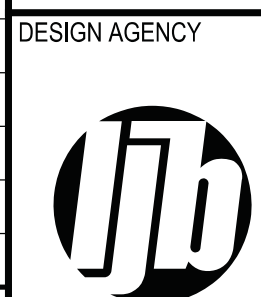
PARCEL IDENTIFIER LEGEND

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DESIGNER	HGH
REVIEWER	AJS
PROJECT ID	112019
SUBSET	TOTAL
12	45
SHEET	TOTAL
189	222



CHP-S. HIGH STREET

MODEL: Sheet PAPER SIZE: 34x22 (in.) DATE: 3/1/2023 TIME: 2:15:51 PM USER: bgressel  
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\* DENOTES RIGHT OF WAY ENCROACHMENT

PARCEL NO.	OWNER	SHEET NO.	OWNERS RECORD		AUDITOR'S PARCEL	RECORD AREA **	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET RESIDUE		TYPE FUND	REMARKS	AS ACQUIRED	
			BOOK	PAGE								LEFT	RIGHT			BOOK	PAGE
														LOCAL			
29-T1	BRIAN A. KALB	8, 30, 31	OR 560	P. 854	K48-25-00-01-03-012-00	0.100	0.000	0.001	0.000	0.001					43; CRAWFORD SUB PERFORM GRADING AND PERFORM GRADING AND CONNECT DRIVE ** MEASURED		
29-T2		8, 30, 31			K48-25-00-01-03-012-00			0.003	0.000	0.003							
30-T	MARY LOUISE O'BRIEN ORAHOOD FKA MARY LOUISE O'BRIEN	8, 30, 31	OR 247	P. 490	K48-25-00-01-03-011-00	0.100	0.000	0.008	0.000	0.008					42; CRAWFORD SUB PERFORM GRADING AND CONNECT DRIVE ** MEASURED		
31-T	MARY STANSON	8, 30, 31	OR 569	P. 5919	K48-25-00-01-03-010-00 K48-25-00-01-03-009-00 TOTAL 31-T	0.100 0.050 0.150	0.000 0.000 0.000	0.003 0.007 0.010	0.000 0.000 0.000	0.003 0.007 0.010					41; CRAWFORD SUB S PT LOT 40; CRAWFORD SUB PERFORM GRADING AND CONNECT DRIVE 13 LF SHRUBS ** MEASURED		
32-T	JAMES BUSH & LAURA E. BUSH	8, 30, 31	DV 226	P. 560	K48-25-00-01-03-008-00 K48-25-00-01-03-007-00 TOTAL 32-T	0.050 0.100 0.150	0.000 0.000 0.000	*** 0.000 0.007 0.007	0.000 0.000 0.000	*** 0.000 0.007 0.007					N PT LOT 40; CRAWFORD SUB 39; CRAWFORD SUB ** MEASURED *** 0.000 TAKE IS 7 S.F.; SHRUBS (2)		
33-T	BEVERLY E. STEGALL	8, 30, 31	OR 500	P. 1360	K48-25-00-01-03-006-00 K48-25-00-01-03-005-00 TOTAL 33-T	0.100 0.040 0.140	0.000 0.000 0.000	0.002 0.006 0.008	0.000 0.000 0.000	0.002 0.006 0.008					38; CRAWFORD SUB S PT LOT 37; CRAWFORD SUB PERFORM GRADING AND CONNECT DRIVE ** MEASURED		
34-T	MARY SUE FRAZIER	8, 30, 31	OR 474	P. 2519	K48-25-00-01-03-004-00 K48-25-00-01-03-003-00 K48-25-00-01-03-002-00 TOTAL 34-T	0.061 0.100 0.004 0.165	0.000 0.000 0.000 0.000	0.000 0.003 0.001 0.004	0.000 0.000 0.000 0.000	0.000 0.003 0.001 0.004					N PT LOT 37; CRAWFORD SUB 36; CRAWFORD SUB S PT LOT 35; CRAWFORD SUB PERFORM GRADING AND CONNECT DRIVE ** MEASURED		
35-T	CYNTHIA A. JOHNSON	8, 30, 31	OR 567	P. 534 OR 555 P. 1225	K48-25-00-01-03-001-00	0.104	0.000	0.006	0.000	0.006					N PT LOT 35; CRAWFORD SUB PERFORM GRADING AND CONNECT DRIVE ** MEASURED		
36-T	MARNA A. GROWDON	8, 30-33	OR 565	P. 1476	K48-25-00-01-02-014-00	0.255	0.000	0.009	0.000	0.009					W PT LOT 7; BRANDEBERRY ADDN PERFORM GRADING AND CONNECT DRIVE ** MEASURED		
37-T	CHAMPAIGN RESIDENTIAL SERVICES, INC., AN OHIO NOT-FOR-PROFIT CORPORATION	8, 32, 33	OR 188	P. 804	K48-25-00-01-02-013-00 K48-25-00-01-02-012-00 TOTAL 37-T	0.255 0.176 0.431	0.000 0.000 0.000	0.031 0.016 0.047	0.000 0.000 0.000	0.031 0.016 0.047					6; BRANDEBERRY ADDN W PT LOT 5; BRANDEBERRY ADDN PERFORM GRADING AND CONNECT DRIVE ** MEASURED		



SUMMARY OF ADDITIONAL RIGHT OF WAY (PARCELS 29-37)

PARCEL IDENTIFIER LEGEND

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T = TEMPORARY EASEMENT

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DESIGNER	HGH
REVIEWER	AJS
PROJECT ID	112019
SUBSET	TOTAL
13	45
SHEET	TOTAL
190	222



CHP-S. HIGH STREET

MODEL: Sheet PAPER SIZE: 34x22 (in.) DATE: 3/1/2023 TIME: 2:15:52 PM USER: bgressel  
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\* DENOTES RIGHT OF WAY ENCROACHMENT

PARCEL NO.	OWNER	SHEET NO.	OWNERS RECORD		AUDITOR'S PARCEL	RECORD AREA **	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET RESIDUE		TYPE FUND	REMARKS	AS ACQUIRED	
			BOOK	PAGE								LEFT	RIGHT			BOOK	PAGE
														LOCAL			
38-T	SANDRA J. JUSTICE & DAVID L. JUSTICE	8, 32, 33	OR 422 P.	250	K48-25-00-01-02-009-00	0.192	0.000	0.028	0.000	0.028					PERFORM GRADING AND CONNECT DRIVE ** CALCULATED FROM DEED		
39-T	LAWRENCE A. SEARLES, II, & HOPE RUPERT	8, 32, 33	OR 364 P.	29	K48-25-00-01-02-008-00	0.187	0.000	0.023	0.000	0.023					PERFORM GRADING AND CONNECT DRIVE ** DEED		
40-T	BARBARA RUTH MACKEY, TRUSTEE OF THE BARBARA RUTH MACKEY REVOCABLE TRUST	8, 32, 33	OR 508 P.	1858	K48-25-00-01-02-007-00 K48-25-00-01-09-006-00 K48-25-00-01-09-007-00 TOTAL 40-T	0.288 0.216 0.216 0.720	0.000 0.000 0.000 0.000	0.012 0.010 0.010 0.032	0.000 0.000 0.000 0.000	0.012 0.010 0.010 0.032					5; HOUSTON'S ADDN 6; HOUSTON'S ADDN PERFORM GRADING AND CONNECT DRIVE ** MEASURED		
41-T	PAUL DWAYNE CARYL-ROPP	8, 32-35	OR 455 P.	1117	K48-25-00-01-09-009-00	0.256	0.000	0.003	0.000	0.003					LOT 8; HOUSTON'S ADDN PERFORM GRADING; ** MEASURED		
41A-T	MARIO ALBERTO HERNANDEZ MARTINEZ	8, 32-36	OR 578 P.	2055	K48-25-00-01-09-008-00	0.216	0.000	0.004	0.000	0.004					LOT 7; HOUSTON'S ADDN PERFORM GRADING AND CONNECT DRIVE ** MEASURED		
42-T	LUCY MOSS	8, 32-35	OR 499 P.	1694	K48-25-00-01-29-038-00	0.157	0.000	0.024	0.000	0.024					28; WOODLAND HEIGHTS SUB 1 PLANTER PERFORM GRADING ** MEASURED		
43-T	CHARLES E. CARTER	8, 34, 35	OR 528 P.	1605	K48-25-00-01-29-006-00	0.216	0.000	0.012	0.000	0.012					60; WOODLAND HEIGHTS SUB LIGHT POLE PERFORM GRADING ** MEASURED		
44-T	SCOT A. MARTIN	8, 34, 35	OR 543 P.	2024	K48-25-00-01-29-007-00	0.152	0.000	0.027	0.000	0.027					59; WOODLAND HEIGHTS SUB PERFORM GRADING ** MEASURED		
45-T	AMY R. PETRY	8, 34, 35	OR 567 P.	2634	K48-25-00-01-29-005-00	0.215	0.000	0.018	0.000	0.018					LOT 61; WOODLAND HEIGHTS SUB PERFORM GRADING AND CONNECT DRIVE ** MEASURED		
46-T	CHRISTOPHER L. FERRYMAN AND HEATHER L. FERRYMAN	8, 34, 35	OR 571 P. OR 490 P.	3012 3084	K48-25-00-01-29-008-00	0.152	0.000	0.017	0.000	0.017					58; WOODLAND HEIGHTS SUB PERFORM GRADING AND CONNECT DRIVE ** MEASURED		



SUMMARY OF ADDITIONAL RIGHT OF WAY (PARCELS 38-46)

PARCEL IDENTIFIER LEGEND

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DESIGNER	HGH	
REVIEWER	AJS	
PROJECT ID	112019	
REV. BY	DATE	DESCRIPTION
FIELD REVIEW BY	DATE:	
OWNERSHIP VERIFIED BY	DATE:	
DATE COMPLETED		
SUBSET	TOTAL	
14	45	
SHEET	TOTAL	
191	222	

DESIGN AGENCY



DESIGNER

HGH

REVIEWER

AJS

PROJECT ID

112019

SUBSET

14

TOTAL

45

SHEET

191

TOTAL

222

CHP-S, HIGH STREET

MODEL: Sheet PAPER SIZE: 34x22 (in.) DATE: 3/12/2023 TIME: 2:15:52 PM USER: bgressel  
C:\City of Urbana\0118055A.00 - South High Street\112019\400-Engineering\RW\Sheets\112019\_RS0005.dgn

GRANTEE: ALL RIGHT OF WAY ACQUIRED IN THE NAME OF THE CITY OF URBANA, OHIO, UNLESS OTHERWISE SHOWN.

ALL AREAS IN ACRES

NET RESIDUE = RECORD AREA - TOTAL PRO - NET TAKE  
RECORD AREA IS AUDITOR'S RECORD AREA UNLESS NOTED \*\* IN THE REMARKS COLUMN

\* DENOTES RIGHT OF WAY ENCROACHMENT

PARCEL NO.	OWNER	SHEET NO.	OWNERS RECORD		AUDITOR'S PARCEL	RECORD AREA **	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET RESIDUE		TYPE FUND	REMARKS	AS ACQUIRED	
			BOOK	PAGE								LEFT	RIGHT			BOOK	PAGE
														LOCAL			
47-T	MICHAEL R. MARTIN & KAREN S. MARTIN	8, 34, 35	DV 239 P. 222 OR 537 P. 3090		K48-25-00-01-29-004-00	0.217	0.000	0.016	0.000	0.016					LOT 62; WOODLAND HEIGHTS SUB FLOWER BED 60 SF PERFORM GRADING AND CONNECT DRIVE ** MEASURED		
48-T	MICHAEL E. TUCKER & PAMELA J. TUCKER	8, 34, 35	OR 513 P. 3037		K48-25-00-01-29-009-00	0.152	0.000	0.021	0.000	0.021					57; WOODLAND HEIGHTS SUB PERFORM GRADING AND CONNECT DRIVE ** MEASURED		
49-T	CHARLES D. MOODY AND LYNETTE A. MOODY	8, 34, 35	OR 580 P. 4310		K48-25-00-01-29-003-00	0.216	0.000	0.019	0.000	0.019					LOT 63; WOODLAND HEIGHTS SUB PERFORM GRADING AND CONNECT DRIVE ** MEASURED		
50-WD	KAY A. JACOBS	8, 34, 35	OR 543 P. 2249		K48-25-00-01-29-010-00	0.152	0.000	0.001	0.000	0.001		0.151			56; WOODLAND HEIGHTS SUB		
50-T		8, 34, 35			K48-25-00-01-29-010-00			0.020	0.000	0.020					PERFORM GRADING AND CONNECT DRIVE ** MEASURED		
51-T	DIANE JOHNSON (1/2), AND BRIAN K. BLUE (1/2)	8, 34, 35	OR 583 P. 4732		K48-25-00-01-29-002-00	0.217		0.020	0.000	0.020					LOT 64; WOODLAND HEIGHTS SUB PERFORM GRADING AND CONNECT DRIVE ** MEASURED		
52-T	DONNIE EDWARDS	8, 34, 35	OR 552 P. 2257		K48-25-00-01-29-011-00	0.152	0.000	0.021	0.000	0.021					55; WOODLAND HEIGHTS SUB PERFORM GRADING AND CONNECT DRIVE ** MEASURED		
53-T	JAN D. ENGLE & KAREN E. ENGLE	8, 34, 35	OR 530 P. 2630		K48-25-00-01-29-001-00	0.217	0.000	0.015	0.000	0.015					LOT 65; WOODLAND HEIGHTS SUB PERFORM GRADING AND CONNECT DRIVE ** MEASURED		
54-T	WILLIAM A. ECKSTEIN	8, 34, 35	OR 443 P. 2769		K48-25-00-01-29-012-00	0.152	0.000	0.027	0.000	0.027					54; WOODLAND HEIGHTS SUB PERFORM GRADING AND CONNECT DRIVE ** MEASURED		
55-WD	CHANNAN PENDERGRASS	8, 34, 35	OR 550 P. 486		K48-25-00-01-07-036-00	0.187	0.000	0.003	0.000	0.003		0.184			31; W G GLENN'S ADDN ** MEASURED		
55-T		8, 34, 35			K48-25-00-01-07-036-00			0.013	0.000	0.013					PERFORM GRADING AND CONNECT DRIVE		
56-WD	NEIL EDWARD MARKIN AND JULIE ELIZABETH MARKIN	8, 34-37	OR 583 P. 22		K48-25-00-01-07-035-00 K48-25-00-01-07-034-00 TOTAL 56-WD	0.187 0.187 0.374	0.000 0.000 0.000	0.003 0.014 0.017	0.000 0.000 0.000	0.003 0.014 0.017		0.357			32; W G GLENN'S ADDN 33; W G GLENN'S ADDN ** MEASURED		
56-T		8, 34-37	OR 583 P. 22		K48-25-00-01-07-035-00 K48-25-00-01-07-034-00 TOTAL 56-T			0.010 0.006 0.016	0.000 0.000 0.000	0.010 0.006 0.016					PERFORM GRADING		
														LOCAL			



SUMMARY OF ADDITIONAL RIGHT OF WAY (PARCELS 47-56)

PARCEL IDENTIFIER LEGEND

WD = FEE SIMPLE RESERVATION OF ACCESS  
T = TEMPORARY EASEMENT

NOTE: ALL TEMPORARY PARCELS TO BE OF 24 MONTHS DURATION.

NOTE: UNDER NO CIRCUMSTANCES ARE TEMPORARY EASEMENTS TO BE USED FOR STORAGE OF MATERIAL OR EQUIPMENT BY THE CONTRACTOR UNLESS NOTED OTHERWISE.

DESIGNER	HGH
REVIEWER	AJS
PROJECT ID	112019
SUBSET	TOTAL
15	45
SHEET	TOTAL
192	222



CHP-S. HIGH STREET

MODEL: Sheet PAPER SIZE: 34x22 (in.) DATE: 3/1/2023 TIME: 2:15:53 PM USER: bgressel  
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ALL AREAS IN ACRES

NET RESIDUE = RECORD AREA - TOTAL PRO - NET TAKE  
RECORD AREA IS AUDITOR'S RECORD AREA UNLESS NOTED \*\* IN THE REMARKS COLUMN

\* DENOTES RIGHT OF WAY ENCROACHMENT

PARCEL NO.	OWNER	SHEET NO.	OWNERS RECORD		AUDITOR'S PARCEL	RECORD AREA **	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET RESIDUE		TYPE FUND	REMARKS	AS ACQUIRED	
			BOOK	PAGE								LEFT	RIGHT			BOOK	PAGE
														LOCAL			
57-T	DARLENE M. SHIRK & JONATHAN SHIRK	8, 34-37	OR 529 P.	1775	K48-25-00-01-29-013-00	0.148	0.000	0.035	0.000	0.035					53; WOODLAND HEIGHTS SUB PERFORM GRADING AND CONNECT DRIVE ** MEASURED		
58-WD	JENNY R. KOON	8, 34-36	OR 574 P.	5186	K48-25-00-01-24-007-00 K48-25-00-01-24-006-00 TOTAL 58-WD	0.181 0.110 0.291	0.000 0.000 0.000	0.001 0.000 0.001	0.000 0.000 0.000	0.001 0.000 0.001					10; E M WARD'S ADDN S PT LOT 1; E M WARD'S ADDN ** MEASURED		
58-T		8, 34-36			K48-25-00-01-24-007-00 K48-25-00-01-24-006-00 TOTAL 58-T			0.012 0.005 0.017	0.000 0.000 0.000	0.012 0.005 0.017					PERFORM GRADING		
59-T	AMY N. JUMPER, ROBERT E. JUMPER & LINDA S. JUMPER	8, 36, 37	OR 550 P.	875	K48-25-00-01-29-064-00	0.167	0.000	0.017	0.000	0.017					2; WOODLAND HEIGHTS SUB PERFORM GRADING ** MEASURED		
60-T	ROBERT JONES & CAREY JONES	8, 36, 37	OR 444 P.	413	K48-25-00-01-24-004-00	0.355	0.000	0.037	0.000	0.037					2, N PT 1, S PT 3; E M WARD'S ADDN PERFORM GRADING AND CONNECT DRIVE		
61-T	THOMAS L. MOFFITT	8, 36, 37	DV 231 P.	545	K48-25-00-01-29-065-00	0.164	0.000	0.016	0.000	0.016					1; WOODLAND HEIGHTS SUB PERFORM GRADING AND CONNECT DRIVE ** MEASURED		
62-WD	D. PHILIP KERNS & SARAH JANE KERNS	8, 38, 39	OR 7 P. OR 549 P.	33 2575	K48-25-11-01-31-024-01 K48-25-11-01-31-024-00 TOTAL 62-WD	4.102 0.866 4.968	0.387 0.000 0.387	0.199 0.000 0.199	0.194 0.000 0.194	0.005 0.000 0.005					4.576		
62-T		8, 36-39			K48-25-11-01-31-024-01			0.103	0.000	0.103					PERFORM GRADING		
63-WD	SUE ANN GEUY	8, 36, 37	OR 474 P.	1634	K48-25-00-01-24-002-00 K48-25-00-01-24-001-00 TOTAL 63-WD	0.075 0.182 0.257	0.000 0.000 0.000	0.000 0.004 0.004	0.000 0.000 0.000	0.000 0.004 0.004					N PT LOT 3; E M WARD'S ADDN 4; E M WARD'S ADDN ** MEASURED		
63-T		8, 36, 37			K48-25-00-01-24-002-00 K48-25-00-01-24-001-00 TOTAL 63-T			0.003 0.012 0.015	0.000 0.000 0.000	0.003 0.012 0.015					PERFORM GRADING AND CONNECT DRIVE		



SUMMARY OF ADDITIONAL RIGHT OF WAY (PARCELS 57-63)

PARCEL IDENTIFIER LEGEND

WD = FEE SIMPLE RESERVATION OF ACCESS  
T = TEMPORARY EASEMENT

NOTE: ALL TEMPORARY PARCELS TO BE OF 24 MONTHS DURATION.

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DESIGNER	HGH
REVIEWER	AJS
PROJECT ID	112019
SUBSET	TOTAL
16	45
SHEET	TOTAL
193	222

REV. BY	DATE	DESCRIPTION
FIELD REVIEW BY	DATE:	
OWNERSHIP VERIFIED BY	DATE:	
DATE COMPLETED		

DESIGN AGENCY



CHP-S. HIGH STREET

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\* DENOTES RIGHT OF WAY ENCROACHMENT

PARCEL NO.	OWNER	SHEET NO.	OWNERS RECORD		AUDITOR'S PARCEL	RECORD AREA **	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET RESIDUE		TYPE FUND	REMARKS	AS ACQUIRED	
			BOOK	PAGE								LEFT	RIGHT			BOOK	PAGE
														LOCAL			
64-WD	NOEL JONES	8, 38, 39	OR 512 P.	1533	K48-25-11-01-31-020-00 K48-25-11-01-31-019-00 TOTAL 64-WD	0.194 0.270 0.464	0.000 0.000 0.000	0.000 0.001 0.001	0.000 0.000 0.000	0.000 0.001 0.001					** MEASURED		
64-T		8, 36-39			K48-25-11-01-31-020-00 K48-25-11-01-31-019-00 TOTAL 64-T			0.025 0.029 0.054	0.000 0.000 0.000	0.025 0.029 0.054				PERFORM GRADING AND CONNECT DRIVE			
65	WADE TRENT MEYERS & MARSHA LYNN MEYERS	8, 34-39	DV 224 P.	568	K48-25-11-01-31-018-00	0.186	0.000								NO ADDITIONAL RW REQUIRED ** MEASURED		
66-WD	STEVEN R. BOHL, TRUSTEE OF THE STEVEN R. BOHL TRUST	8, 9, 38, 39	OR 544 P.	2364	K48-25-00-01-26-014-00 K48-25-00-01-26-013-00 K48-25-00-01-26-012-00 K48-25-00-01-26-011-00 K48-25-00-01-26-010-00 TOTAL 66-WD	0.298 0.363 0.364 0.364 0.364 1.753	0.000 0.000 0.000 0.000 0.000 0.000	0.000 0.000 0.000 0.000 0.011 0.011	0.000 0.000 0.000 0.000 0.000 0.000	0.000 0.000 0.000 0.000 0.011 0.011					11; J A WARD'S ADDN 10; J A WARD'S ADDN LOT 9; J A WARD'S ADDN LOT 8; J A WARD'S ADDN LOT 7; J A WARD'S ADDN ** MEASURED		
66-T		8, 9, 38, 39			K48-25-00-01-26-010-00			0.053	0.000	0.053					PERFORM GRADING		
67-T	DEBORAH M. RICHARDS	8, 9, 38, 39	OR 8 P.	363	K48-25-00-01-26-009-00	0.302	0.000	0.003	0.000	0.003					PERFORM GRADING ** MEASURED		
68-T	JOSHUA B. MOORE & SHEENA M. SCHWARTZ	9, 38, 39	OR 565 P.	4770	K48-25-00-01-27-006-00	0.208	0.000	0.002	0.000	0.002					PT OUTLOT 20; ORIGINAL PLAT ** MEASURED; PERFORM GRADING *112 LF FENCE		
69-WD	JANET R. CORBIN	9, 38, 39	OR 475 P.	30	K48-25-00-01-27-007-00	0.220	0.000	0.010	0.000	0.010		0.210			PT OUTLOT 21; ORIGINAL PLAT ** DEED		
69-T		9, 38, 39			K48-25-00-01-27-007-00			0.020	0.000	0.020					PERFORM GRADING AND CONNECT DRIVE		



SUMMARY OF ADDITIONAL RIGHT OF WAY (PARCELS 64-69)

PARCEL IDENTIFIER LEGEND

WD = FEE SIMPLE RESERVATION OF ACCESS  
T = TEMPORARY EASEMENT

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DESIGNER	HGH
REVIEWER	AJS
PROJECT ID	112019
SUBSET	TOTAL
17	45
SHEET	TOTAL
194	222



CHP-S. HIGH STREET

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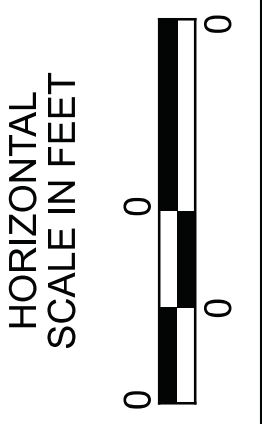
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\* DENOTES RIGHT OF WAY ENCROACHMENT

PARCEL NO.	OWNER	SHEET NO.	OWNERS RECORD		AUDITOR'S PARCEL	RECORD AREA **	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET RESIDUE		TYPE FUND	REMARKS	AS ACQUIRED	
			BOOK	PAGE								LEFT	RIGHT			BOOK	PAGE
														LOCAL			
70-WD	JAMES A. REED & STEPHANIE A. REED	9, 38-41	OR 563 P.	3286	K48-25-00-01-27-008-00	0.220	0.000	0.008	0.000	0.008		0.212			PT OUTLOT 21; ORIGINAL PLAT ** MEASURED		
70-T					K48-25-00-01-27-008-00			0.020	0.000	0.020					PERFORM GRADING AND CONNECT DRIVE		
71-T1	NICHOLAS D. ROBERTS AND KORINNE GLEASON ROBERTS	9, 38-41	OR 558 P.	2971	K48-25-00-01-27-005-00	0.261	0.000	0.020	0.000	0.020					PT OUTLOT 20; ORIGINAL PLAT PERFORM GRADING AND CONNECT DRIVE ** CALCULATED FROM DEED		
71-T2		9, 40, 41			K48-25-00-01-27-005-00			0.001	0.000	0.001					PERFORM GRADING		
72-WD	MELISA A. LINDLEY AND DAVID J. LINDLEY	9, 40, 41	OR 582 P.	866	K48-25-00-01-27-009-00	0.146	0.000	*** 0.000	0.000	*** 0.000		0.146			PT OUTLOT 21; ORIGINAL PLAT *** 0.000 TAKE IS 9 S.F.		
72-T		9, 40, 41			K48-25-00-01-27-009-00			0.012	0.000	0.012					PERFORM GRADING		
73	ANDREW MITTERHOLZER & MARGARET JENKINS	9, 38-41	OR 480 P.	3170	K48-25-00-01-27-004-00	0.210	0.000								PT OUTLOT 20; ORIGINAL PLAT NO ADDITIONAL RW REQUIRED ** DEED		
74	STEVEN L. METZ & BEATRICE G. METZ	9, 40, 41	OR 506 P.	3243	K48-25-00-01-10-023-00 K48-25-00-01-10-024-00	0.186 0.020	0.000 0.000								37; JAMES' ADDN PLAT A W PT LOT 38; JAMES' ADDN PLAT A NO ADDITIONAL RW REQUIRED ** MEASURED		
75-T	DEBORAH S. MCKEE	9, 40, 41	OR 553 P.	2756	K48-25-00-01-10-025-00	0.223	0.000	0.045	0.000	0.045					E PT LOT 38; JAMES' ADDN PLAT A PERFORM GRADING AND CONNECT DRIVE ** MEASURED		
76-WD	ANTHONY R. JOY & ROBIN E. MILLER	9, 40, 41	OR 280 P.	141	K48-25-00-01-16-117-00	0.375	0.000	0.011	0.000	0.011					LOT 94; ORIGINAL PLAT; ** MEASURED		
76-T					K48-25-00-01-16-117-00			0.026	0.000	0.026					PERFORM GRADING AND CONNECT DRIVE 1 ROCK, 43 SF LAND SCAPED AREA		
77	RICHARD DON MARTIN & JOYCE E. MARTIN	9, 40, 41	DV 208 P.	859	K48-25-00-01-16-116-00	0.364	0.000	0.026	0.000	0.026					PT LOT 93; ORIGINAL PLAT NO ADDITIONAL RW REQUIRED ** MEASURED		



SUMMARY OF ADDITIONAL RIGHT OF WAY (PARCELS 70-77)

PARCEL IDENTIFIER LEGEND

WD = FEE SIMPLE RESERVATION OF ACCESS  
T = TEMPORARY EASEMENT

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DESIGNER	HGH
REVIEWER	AJS
PROJECT ID	112019
SUBSET	TOTAL
18	45
SHEET	TOTAL
195	222

DESIGN AGENCY



CHP-S. HIGH STREET

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PARCEL NO.	OWNER	SHEET NO.	OWNERS RECORD		AUDITOR'S PARCEL	RECORD AREA **	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET RESIDUE		TYPE FUND	REMARKS	AS ACQUIRED	
			BOOK	PAGE								LEFT	RIGHT			BOOK	PAGE
78-WD	GLENN M. ANDERSON	9, 40, 41	OR 471 P. 1179		K48-25-00-01-16-079-00 K48-25-00-01-16-080-00 TOTAL 78-WD	0.374 0.161 0.535	0.000 0.000 0.000	0.002 0.000 0.002	0.000 0.000 0.000	0.002 0.000 0.002				LOCAL	LOT 86; ORIGINAL PLAT W PT LOT 85; ORIGINAL PLAT ** MEASURED		
78-T1		9, 40, 41			K48-25-00-01-16-079-00			0.031	0.000	0.031					PERFORM GRADING AND CONNECT DRIVE		
78-T2		9, 40, 41			K48-25-00-01-16-079-00			0.004	0.000	0.004					PERFORM GRADING		
79-WD1	DANIEL A. NISWONGER, JR. & RACHEL NISWONGER	9, 40, 41	OR 414 P. 1915		K48-25-00-01-19-002-00	1.984	0.000	0.001	0.000	0.001					OUT LOT 7; ORIGINAL PLAT ** MEASURED		
79-WD2		9, 42, 43			K48-25-00-01-19-002-00			0.002	0.000	0.002					OUT LOT 8; ORIGINAL PLAT		
			OR 414 P. 1915		K48-25-00-01-19-001-00 TOTAL WD	0.362 2.346	0.000 0.000	0.000 0.003	0.000 0.000	0.000 0.003			2.343				
79-T		9, 40-43			K48-25-00-01-19-001-00 K48-25-00-01-19-002-00 TOTAL 79-T			0.013 0.060 0.073	0.000 0.000 0.000	0.013 0.060 0.073					PERFORM GRADING AND CONNECT DRIVE		
80-T	SPENCER REED WHITCRAFT	9, 42, 43	OR 579 P. 4849		K48-25-00-01-16-077-00	0.307	0.000	0.048	0.000	0.048					W PT LOT 78; ORIGINAL PLAT PERFORM GRADING AND CONNECT DRIVE ** DEED		
81	BRYAN HARVEL	9, 42, 43	OR 570 P. 3527		K48-25-00-01-16-076-00 K48-25-00-01-16-075-00	0.045 0.320	0.000 0.000								E PT LOT 78; ORIGINAL PLAT; NO ADDITIONAL RW REQUIRED W PT LOT 77; ORIGINAL PLAT** MEASURED		
82-WD	CYNTHIA BLAKER	9, 42, 43	OR 575 P. 5057		K48-25-00-01-16-037-00	0.375	0.000	0.005	0.000	0.005					LOT 70; ORIGINAL PLAT ** MEASURED		
82-T		9, 42, 43			K48-25-00-01-16-037-00			0.028	0.000	0.028					PERFORM GRADING AND CONNECT DRIVE		
83-WD	CHARLES J. WILLIS & KATHLEEN M. WILLIS	9, 42, 43	OR 544 P. 2982		K48-25-00-01-19-003-00 K48-25-00-01-19-004-01 TOTAL 83-WD	0.767 0.229 0.996	0.000 0.000 0.000	0.005 0.001 0.006	0.000 0.000 0.000	0.005 0.001 0.006			0.990		PT OUT LOT 6; ORIGINAL PLAT PT OUT LOT 6; ORIGINAL PLAT 10 LF FENCE ** MEASURED		
83-T		9, 42, 43			K48-25-00-01-19-003-00 K48-25-00-01-19-004-01 TOTAL 83-T			0.017 0.005 0.022	0.000 0.000 0.000	0.017 0.005 0.022					PERFORM GRADING		



SUMMARY OF ADDITIONAL RIGHT OF WAY (PARCELS 77-83)

PARCEL IDENTIFIER LEGEND

WD = FEE SIMPLE RESERVATION OF ACCESS  
T = TEMPORARY EASEMENT

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REVIEWER	AJS
PROJECT ID	112019
REV. BY	DATE
DESCRIPTION	
FIELD REVIEW BY	DATE:
OWNERSHIP VERIFIED BY	DATE:
DATE COMPLETED	
SUBSET	TOTAL
19	45
SHEET	TOTAL
196	222



CHP-S. HIGH STREET

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RECORD AREA IS AUDITOR'S RECORD AREA UNLESS NOTED \*\* IN THE REMARKS COLUMN

\* DENOTES RIGHT OF WAY ENCROACHMENT

PARCEL NO.	OWNER	SHEET NO.	OWNERS RECORD		AUDITOR'S PARCEL	RECORD AREA **	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET RESIDUE		TYPE FUND	REMARKS	AS ACQUIRED	
			BOOK	PAGE								LEFT	RIGHT			BOOK	PAGE
														LOCAL			
84-WD	ROBERT D. POLLOCK & CATHERINE L. HARRIS	9, 42, 43	OR 530 P.	1649	K48-25-00-01-19-004-00 K48-25-00-01-19-010-00	0.992 0.330 1.322	0.000 0.000 0.000	0.001 0.000 0.001	0.000 0.000 0.000	0.001 0.000 0.001					PT OUT LOT 6; ORIGINAL PLAT PT OUT LOT 5; ORIGINAL PLAT ** -004 MEASURED; -010 DEED		
84-T		9, 42, 43			K48-25-00-01-19-004-00			0.027	0.000	0.027					PERFORM GRADING AND CONNECT DRIVE		
85-WD	COL. JAMES F. ROHRER & ELIZABETH E. ROHRER	9, 42, 43	DV 251 P.	265	K48-25-00-01-16-002-00 K48-25-00-01-16-003-00 K48-25-00-01-16-004-00 K48-25-00-01-16-005-00 TOTAL 85-WD	0.256 0.375 0.376 0.376 1.383	0.000 0.000 0.000 0.000 0.000	0.005 0.000 0.000 0.000 0.005	0.000 0.000 0.000 0.000 0.000	0.005 0.000 0.000 0.000 0.005				S PT LOT 62; ORIGINAL PLAT LOT 61; ORIGINAL PLAT 60; ORIGINAL PLAT 59; ORIGINAL PLAT ** MEASURED			
85-T		9, 42, 43			K48-25-00-01-16-002-00			0.006	0.000	0.006					PERFORM GRADING AND CONNECT DRIVE		
86-T	AARON L. OLSON	9, 44, 45	OR 582 P.	518	K48-25-00-01-19-005-00	0.179	0.000	0.019	0.000	0.019					OUT LOT 5; ORIGINAL PLAT PERFORM GRADING AND CONNECT DRIVE ** MEASURED		
87-WD	DESTINY LEIKER	9, 44, 45	OR 546 P.	2096	K48-25-00-01-16-001-00	0.121	0.000	0.002	0.000	0.002					N PT LOT 62; ORIGINAL PLAT ** MEASURED; POST		
87-T		9, 44, 45			K48-25-00-01-16-001-00			0.012	0.000	0.012					PERFORM GRADING AND CONNECT DRIVE		
88-WD	GREGORY M. WEARLY & IRMINGARD M. WEARLY	9, 44, 45	DV 218 P.	309	K48-25-00-01-19-006-00	0.179	0.000	0.004	0.000	0.004					PT OUT LOT 5; ORIGINAL PLAT ** MEASURED		
88-T		9, 44, 45			K48-25-00-01-19-006-00			0.026	0.000	0.026					PERFORM GRADING AND CONNECT DRIVE		
89-WD	CHARLES WAGNER & MARY WAGNER	9, 44, 45	OR 40 P.	1063	K48-25-00-01-19-007-00	0.503	0.000	0.021	0.000	0.021					PT OUT LOT 5; ORIGINAL PLAT ** MEASURED		
89-T		9, 44, 45			K48-25-00-01-19-007-00			0.096	0.000	0.096					PERFORM GRADING AND CONNECT DRIVE		
														LOCAL			



SUMMARY OF ADDITIONAL RIGHT OF WAY (PARCELS 84-89)

PARCEL IDENTIFIER LEGEND

WD = FEE SIMPLE RESERVATION OF ACCESS  
T = TEMPORARY EASEMENT

NOTE: ALL TEMPORARY PARCELS TO BE OF 24 MONTHS DURATION.

NOTE: UNDER NO CIRCUMSTANCES ARE TEMPORARY EASEMENTS TO BE USED FOR STORAGE OF MATERIAL OR EQUIPMENT BY THE CONTRACTOR UNLESS NOTED OTHERWISE.

DESIGNER	GHG
REVIEWER	AJS
PROJECT ID	112019
SUBSET	TOTAL
20	45
SHEET	TOTAL
197	222

DESIGN AGENCY



CHP-S. HIGH STREET

MODEL: Sheet PAPER SIZE: 34x22 (in.) DATE: 3/1/2023 TIME: 2:15:55 PM USER: bgressel  
C:\City of Urbana\0118055A.00 - South High Street\112019\00-Engineering\RW\Sheets\112019\_RS011.dgn























































