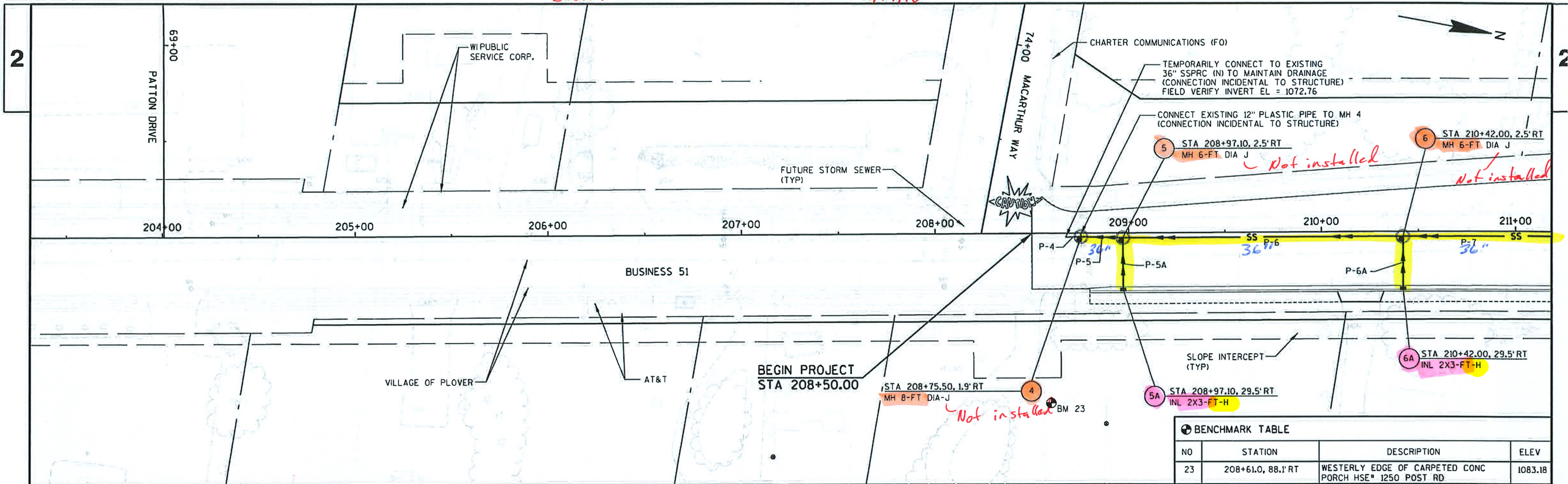
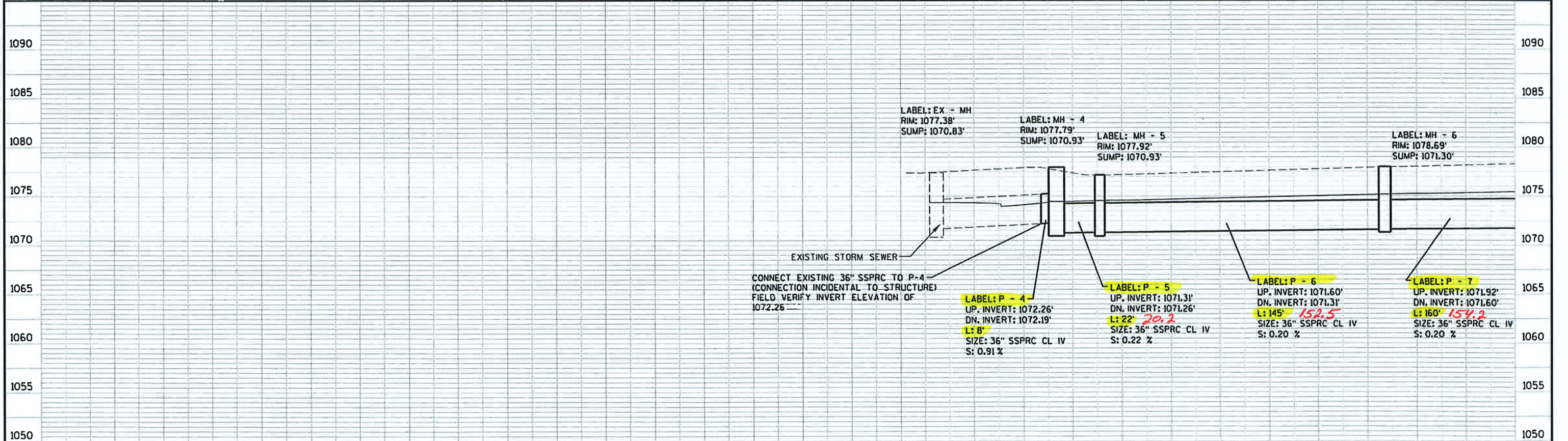


STORM SEWER REVISIONS - COMPLETED 4/19/18



BENCHMARK TABLE			
NO	STATION	DESCRIPTION	ELEV
23	208+61.0, 88.1' RT	WESTERLY EDGE OF CARPETED CONC PORCH HSE" 1250 POST RD	1083.18



1095
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LABEL: EX - INL
RIM: 1077.41 (GFL)
SUMP: VERIFY IN FIELD
LABEL: MH - 4
RIM: 1077.79'
SUMP: 1070.93'

12" PLASTIC PIPE

CONNECT EXISTING 12" PLASTIC PIPE TO MH 4
(CONNECTION INCIDENTAL TO STRUCTURE) FIELD
VERIFY INVERT ELEVATION

LABEL: INL - 5A
RIM: 1077.16'
SUMP: 1072.58'

LABEL: MH - 5
RIM: 1077.92'
SUMP: 1070.93'

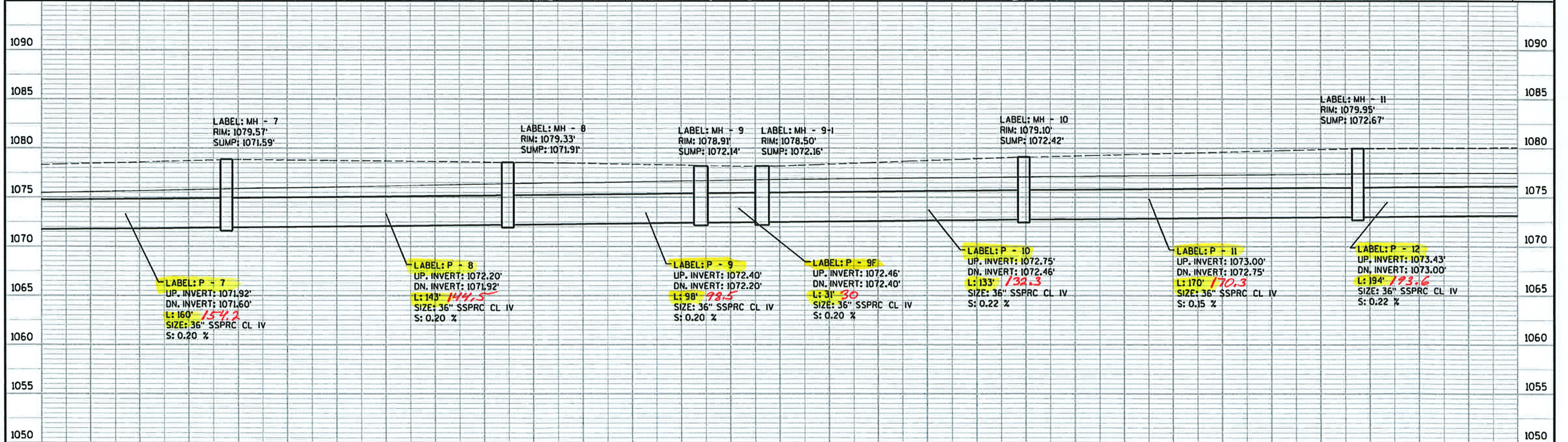
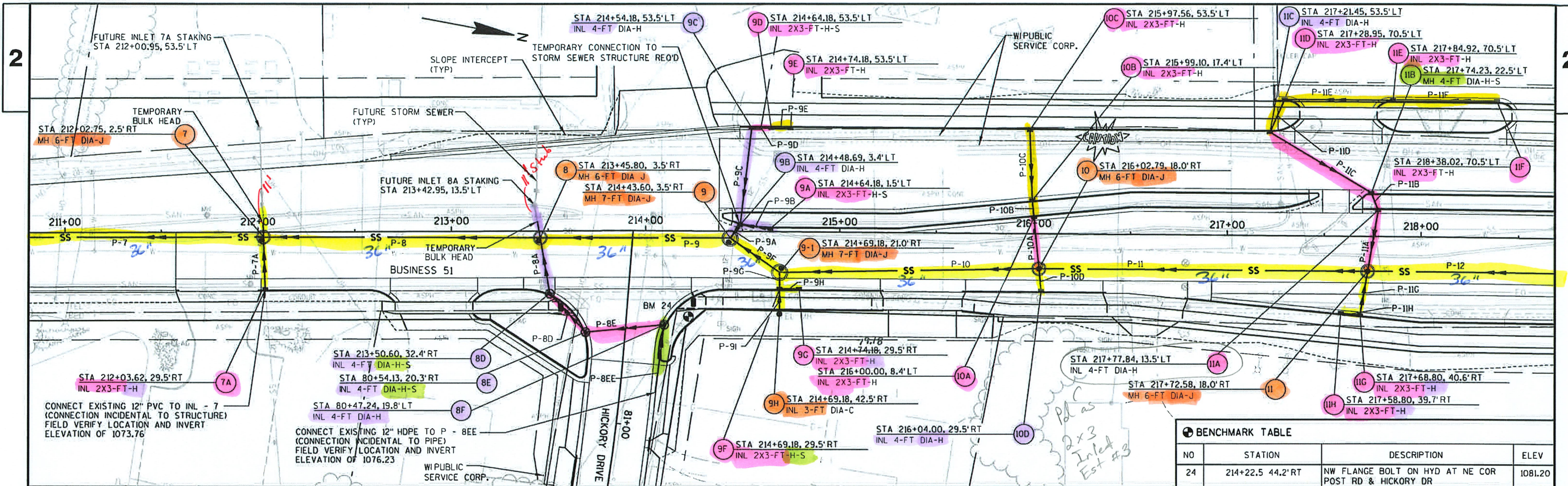
LABEL: P - 5A
UP. INVERT: 1072.74'
DN. INVERT: 1072.61'
L: 27'
SIZE: 12" SSPPC CL IV
S: 0.50 %

LABEL: INL - 6A
RIM: 1077.98'
SUMP: 1074.30'

LABEL: MH - 6
RIM: 1078.69'
SUMP: 1071.30'

LABEL: P - 6A
UP. INVERT: 1074.17'
DN. INVERT: 1074.04'
L: 27'
SIZE: 12" SSPPC CL IV
S: 0.50 %

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LABEL: MH - EX
RIM: 1077.37'
SUMP: 1074.37'

LABEL: INL - 7A
RIM: 1078.85'
SUMP: 1073.0'

LABEL: MH - 7
RIM: 1079.54'
SUMP: 1071.59'

LABEL: P - 7A
UP, INVERT: 1075.03'
DN, INVERT: 1074.80'
L: 35' **27.5'** **27.0'**
SIZE: 12" SSPRC CL IV
S: 0.66 % **0.84%**

CONNECT EXISTING 12" PVC TO INL - 7- 7A
(CONNECTION INCIDENTAL TO STRUCTURE)
FIELD VERIFY INVERT ELEVATION OF
1073.76 BEFORE ORDERING INLET

LABEL: MH - 8
RIM: 1079.33'
SUMP: 1071.91'

LABEL: INL - 8E
RIM: 1078.55'
SUMP: 1073.97'

LABEL: INL - 8D
RIM: 1078.55'
SUMP: 1073.54'

LABEL: INL - 8F
RIM: 1078.37'
SUMP: 1074.17'

LABEL: P - 8A
UP, INVERT: 1073.75'
DN, INVERT: 1073.60'
L: 30' **29'**
SIZE: 18" SSPRC CL IV
S: 0.50 %

LABEL: P - 8E
UP, INVERT: 1074.37'
DN, INVERT: 1074.17' S: 0.50 %
L: 41' **41.6'**
SIZE: 15" SSPRC CL IV
S: 0.49 %

LABEL: P - 8D
UP, INVERT: 1074.17'
DN, INVERT: 1074.00'
L: 27' **27.7'**
SIZE: 15" SSPRC CL IV
S: 0.63 %

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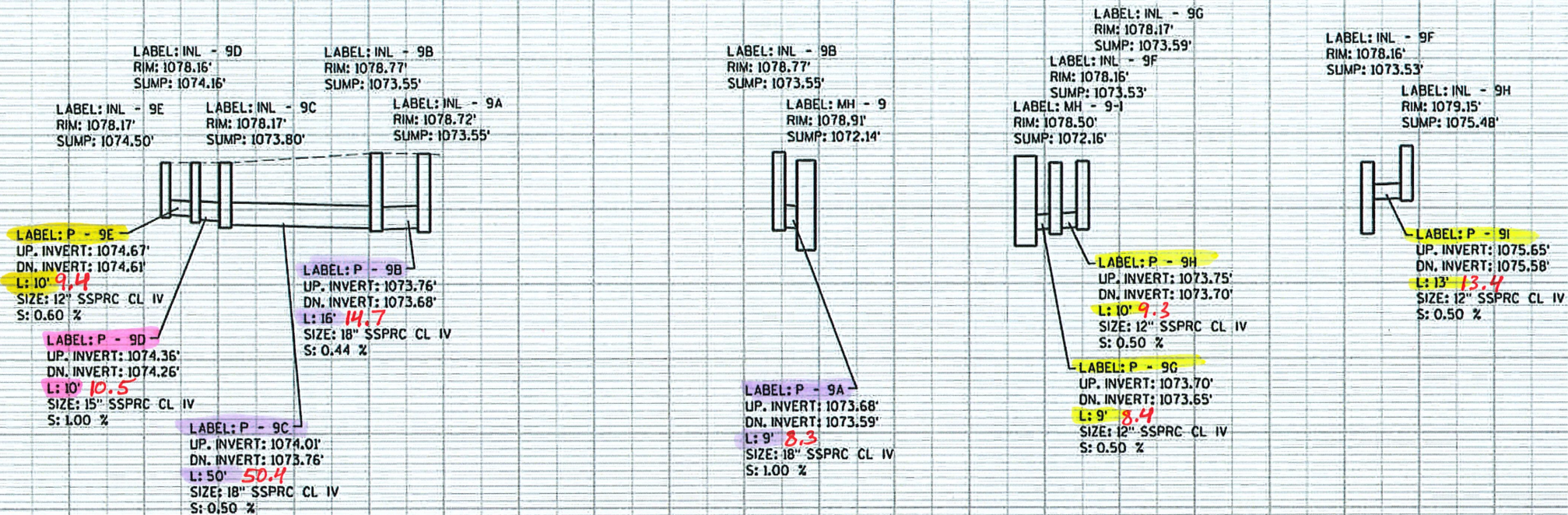
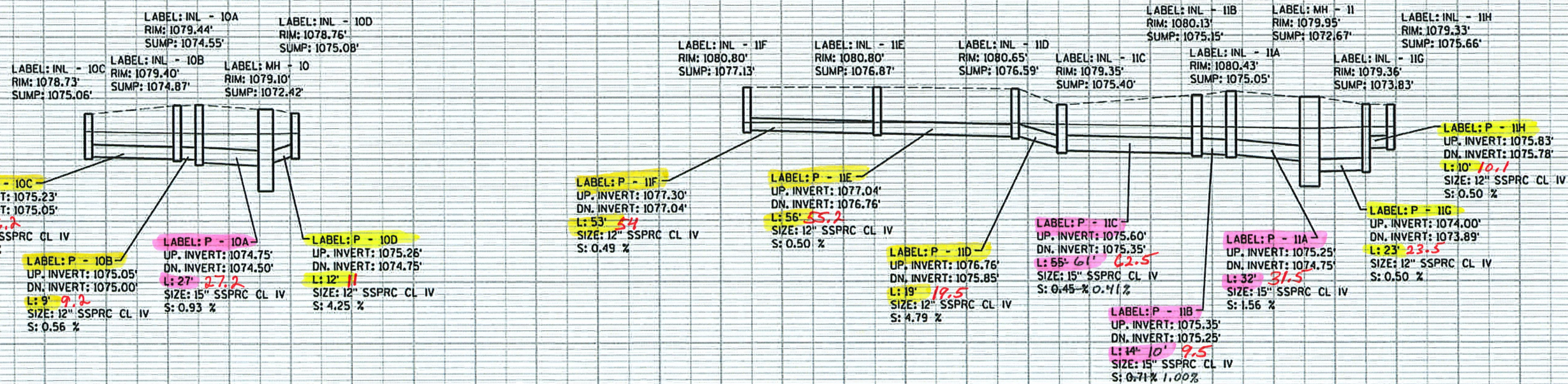
LABEL: INL - 8F
RIM: 1078.37'
SUMP: 1074.17'

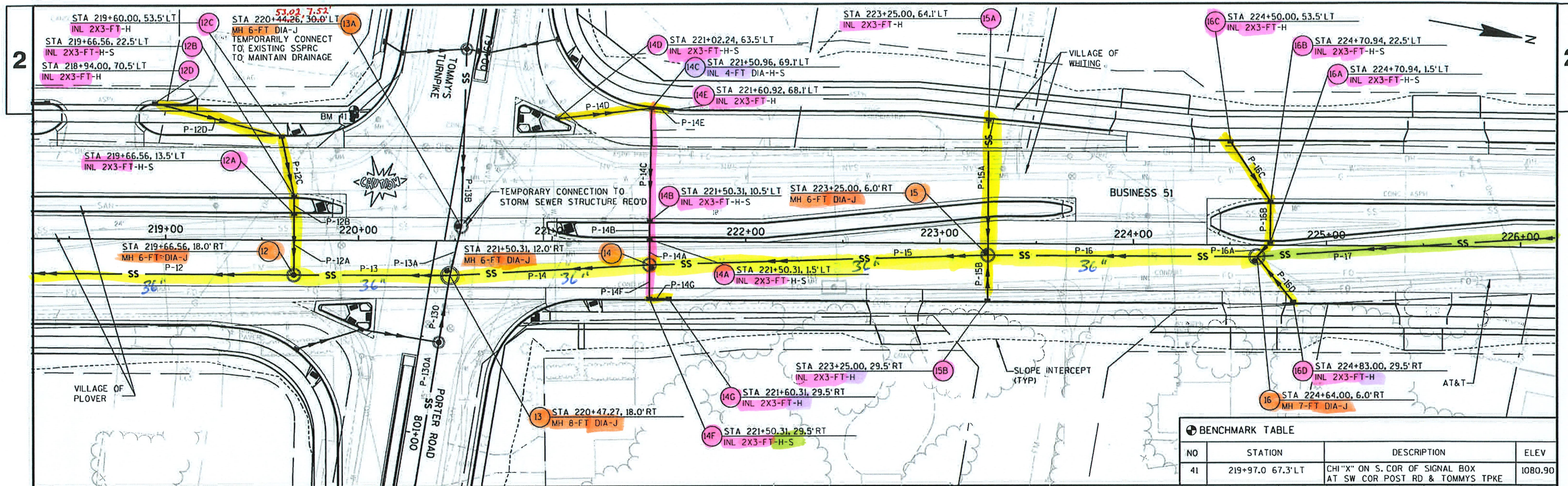
LABEL: EX - INL
RIM: 1078.03'
SUMP: 1076.28'

LABEL: P - 8EE
UP, INVERT: 1076.23'
DN, INVERT: 1075.62'
L: 35' **32'**
SIZE: 12" SSP CL III-A (HDPE)
S: 1.74 %

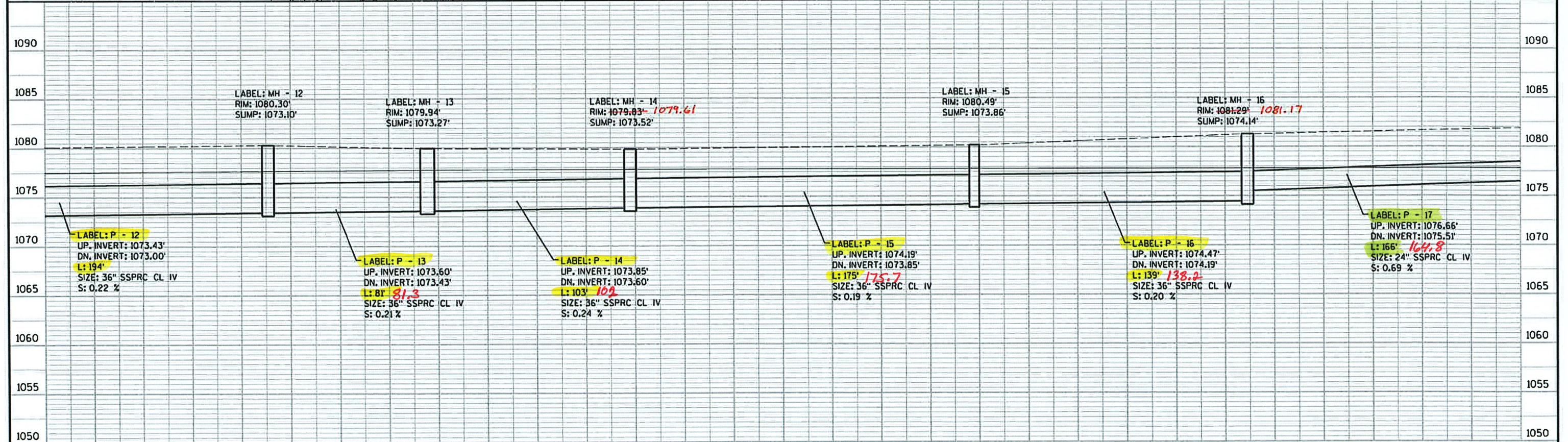
CONNECT EXISTING 12" HDPE TO P - 8EE
(CONNECTION INCIDENTAL TO PIPE)
FIELD VERIFY INVERT ELEVATION OF
1076.23

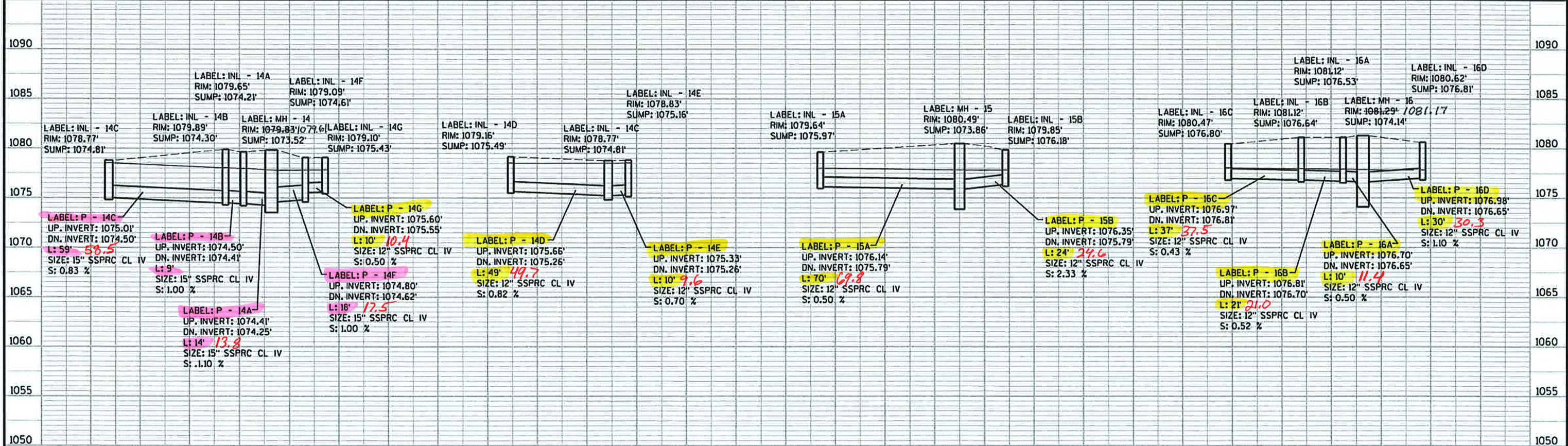
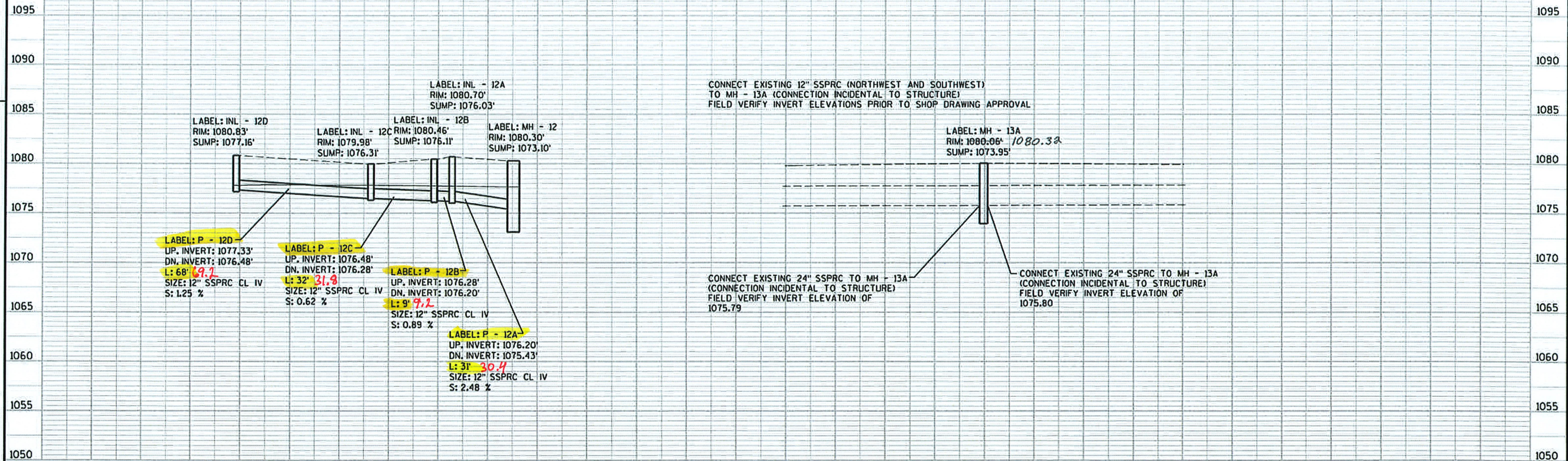
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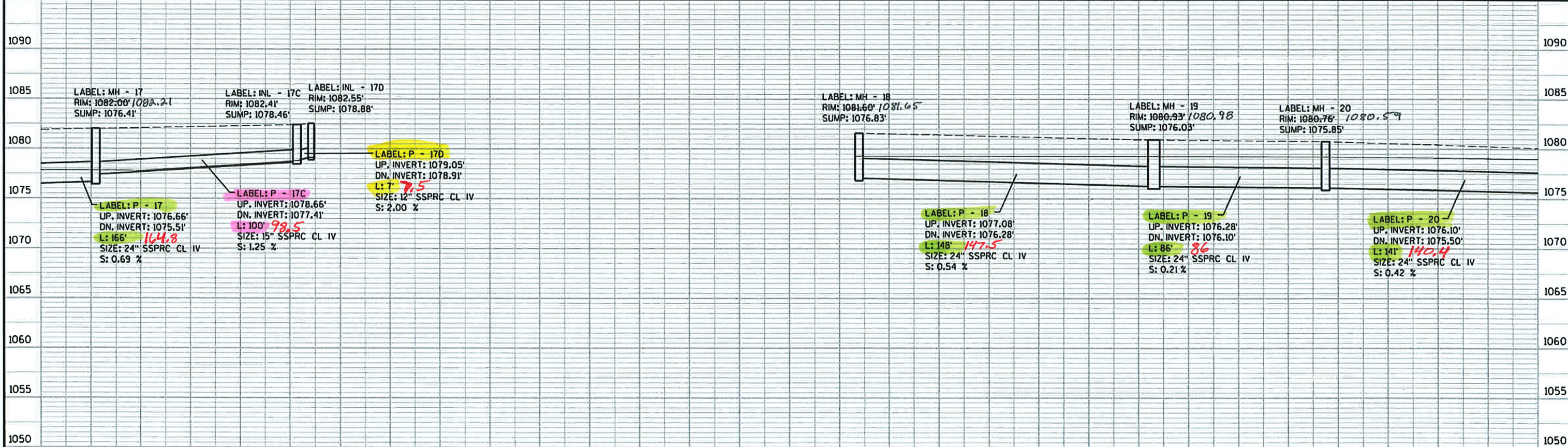
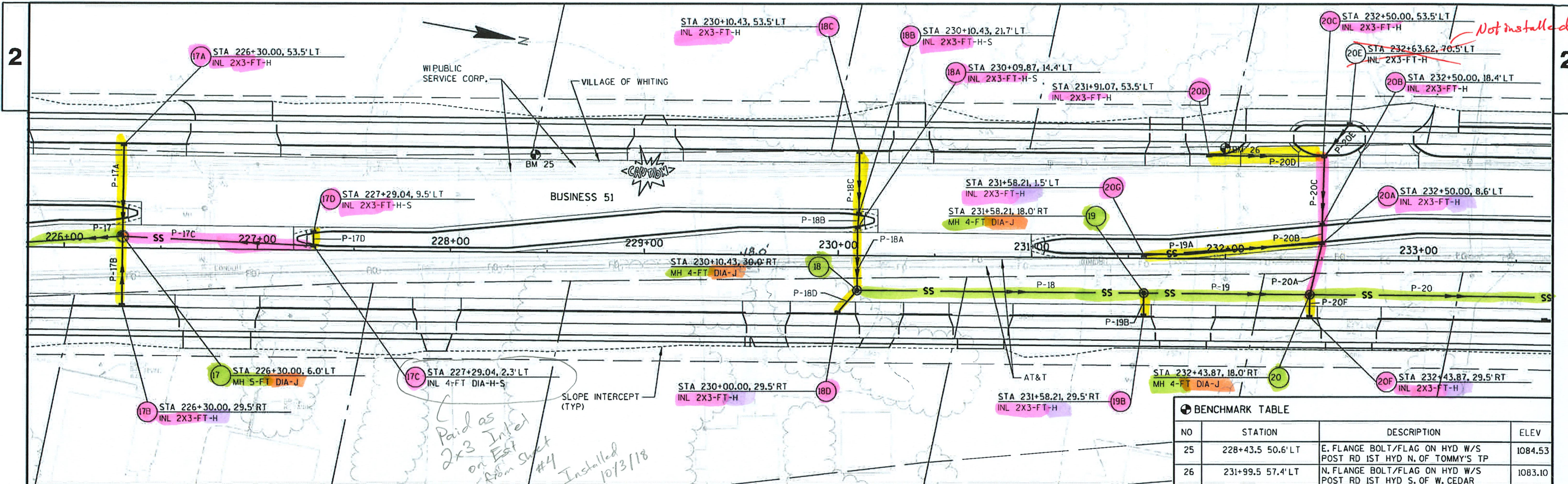
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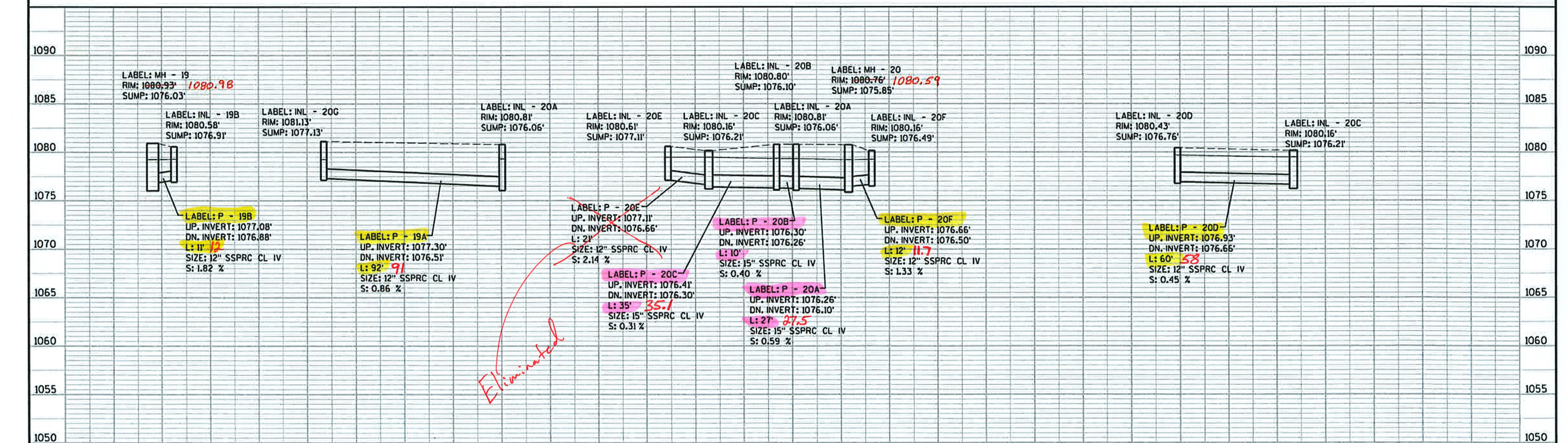


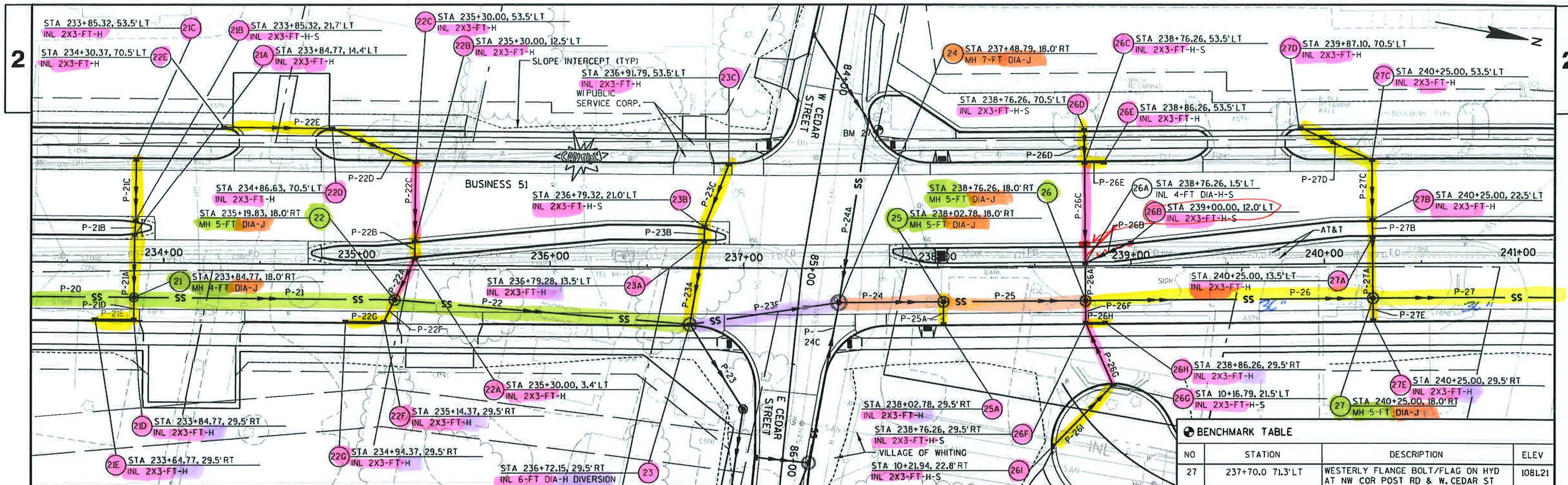
BENCHMARK TABLE			
NO	STATION	DESCRIPTION	ELEV
41	219+97.0 67.3'LT	CHI "X" ON S. COR OF SIGNAL BOX AT SW COR POST RD & TOMMYS TPKE	1080.90



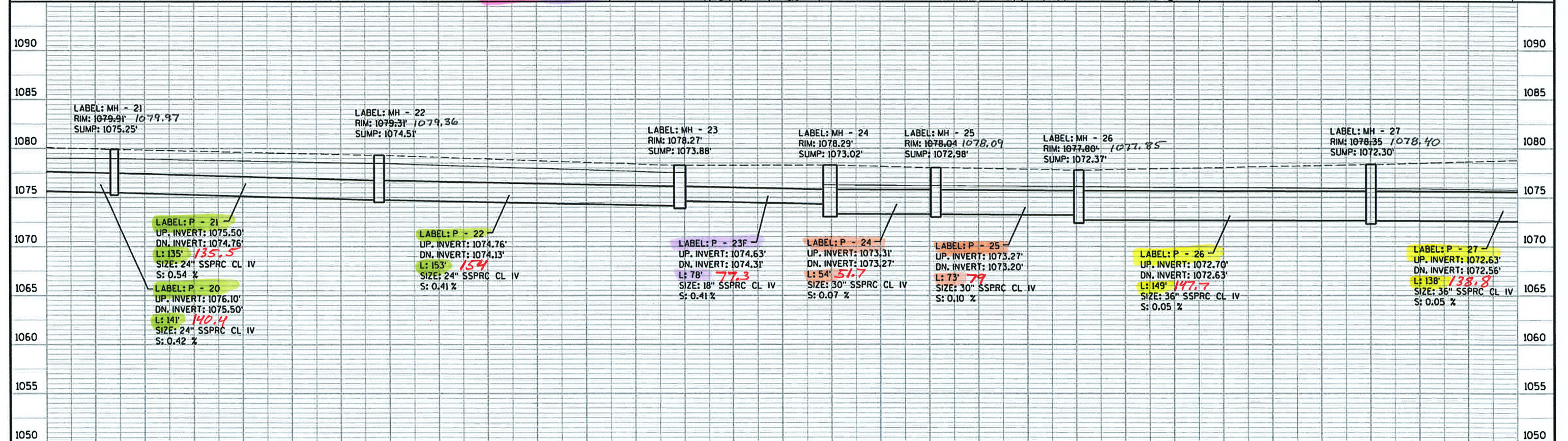


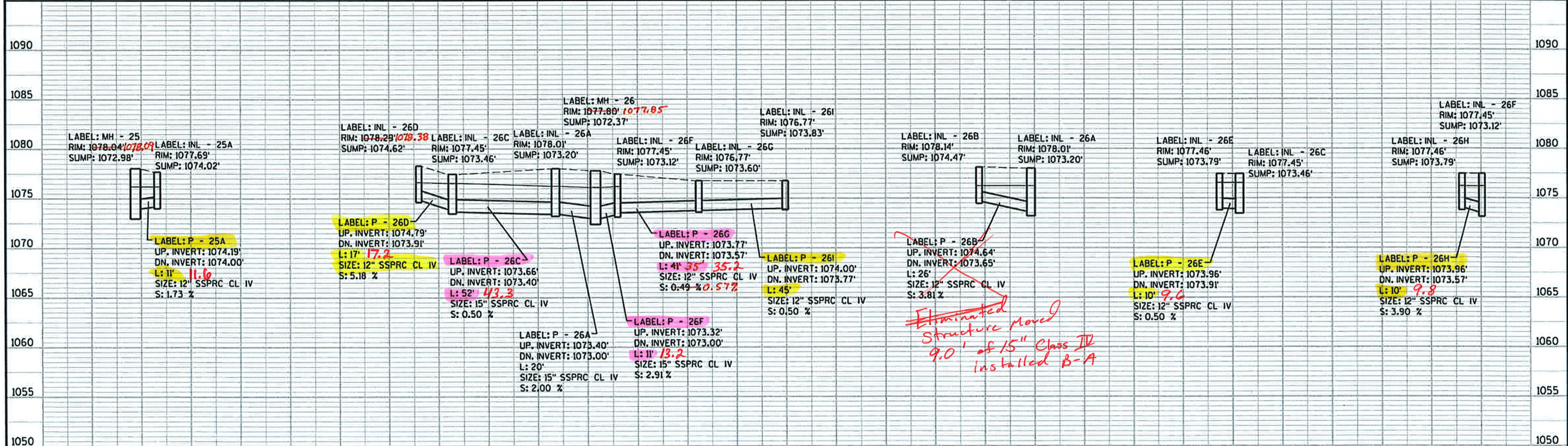
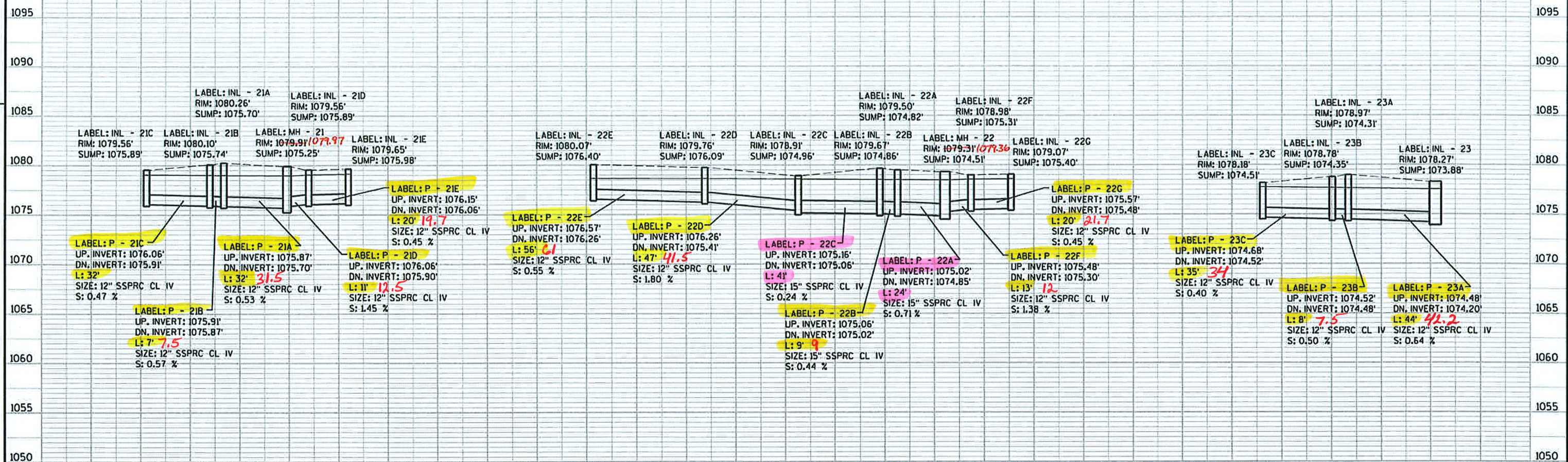


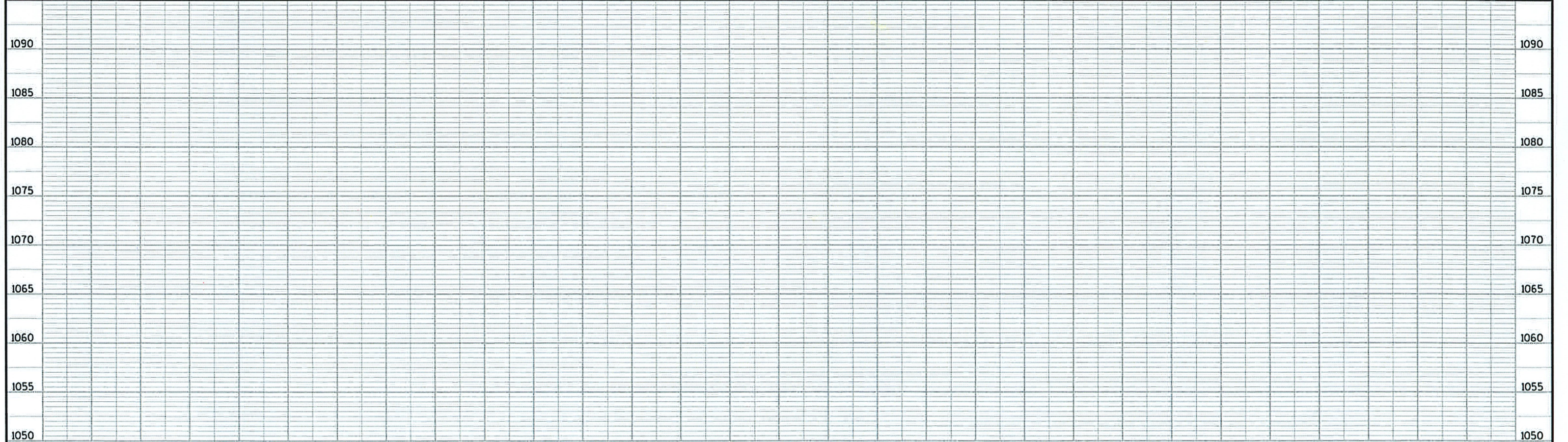
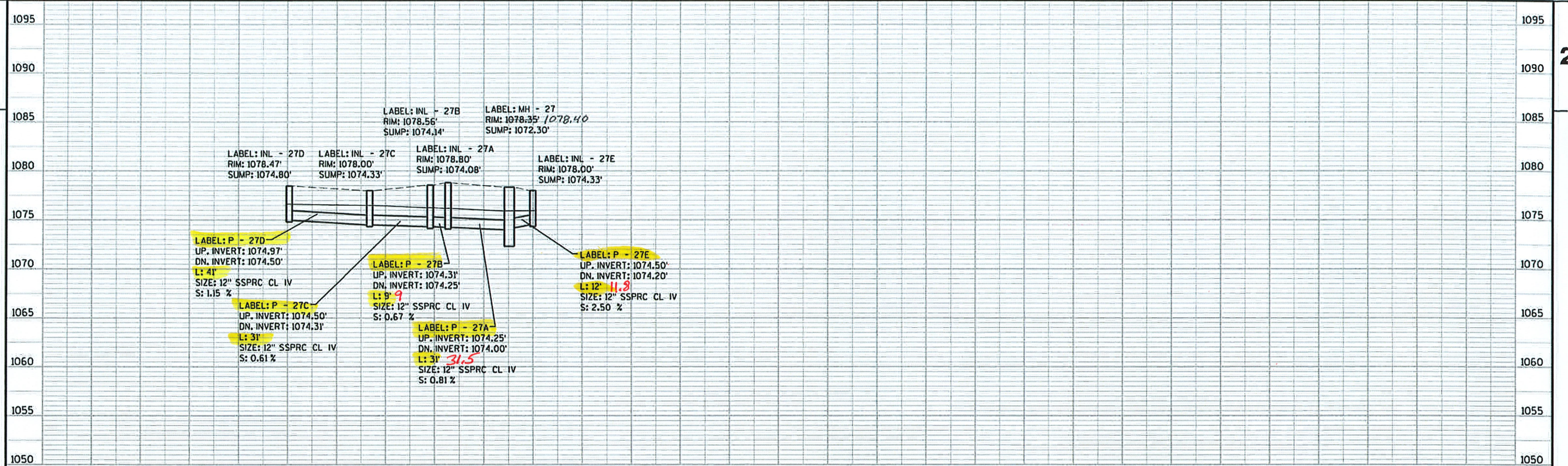


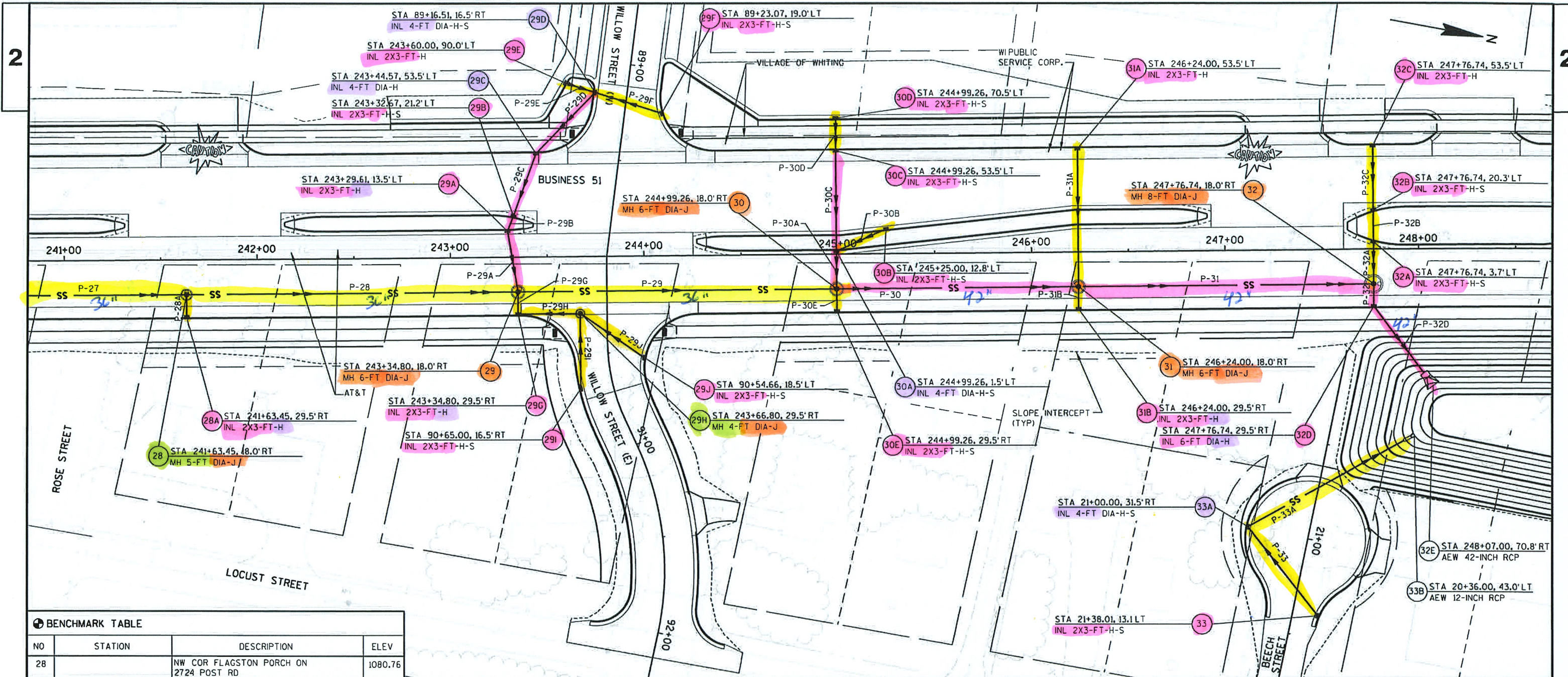


BENCHMARK TABLE			
NO	STATION	DESCRIPTION	ELEV
27	237+70.0 71.3' LT	WESTERLY FLANGE BOLT/FLAG ON HYD AT NW COR POST RD & W. CEDAR ST	1081.21



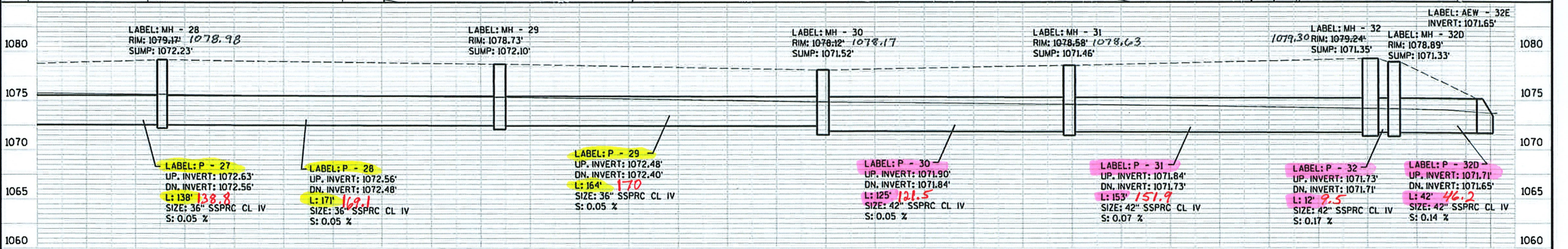


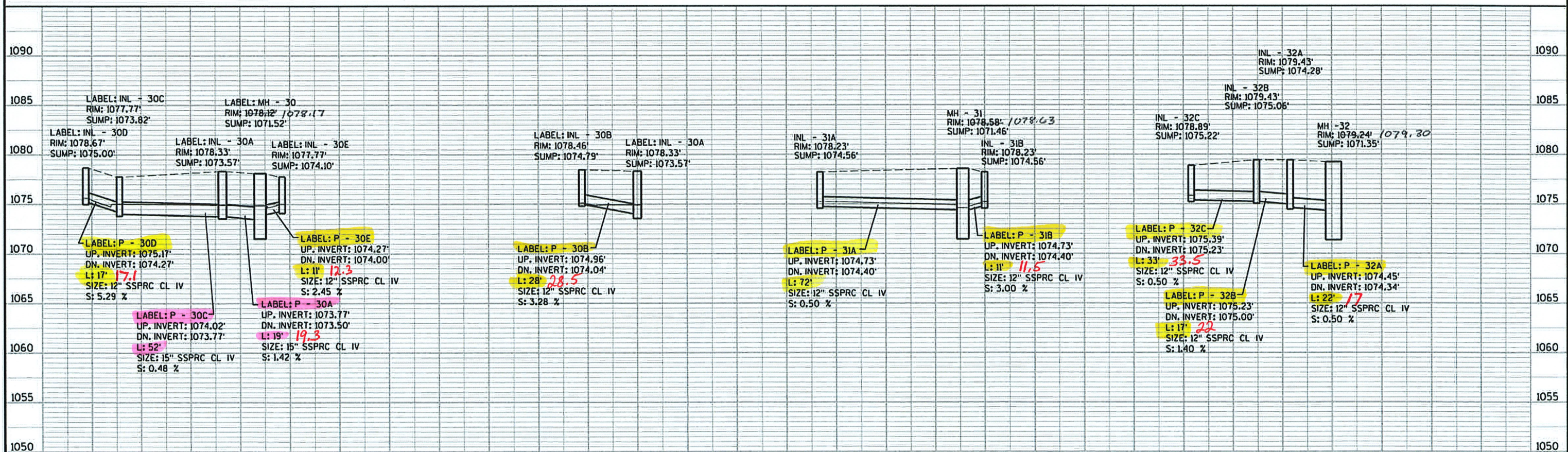




BENCHMARK TABLE

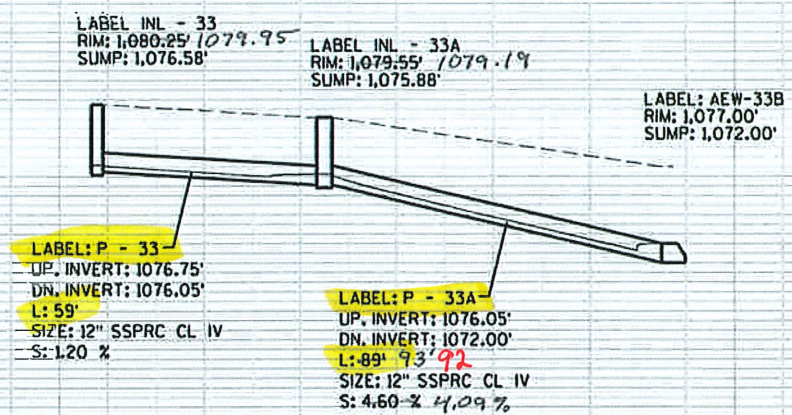
NO	STATION	DESCRIPTION	ELEV
28		NW COR FLAGSTON PORCH ON 2724 POST RD	1080.76





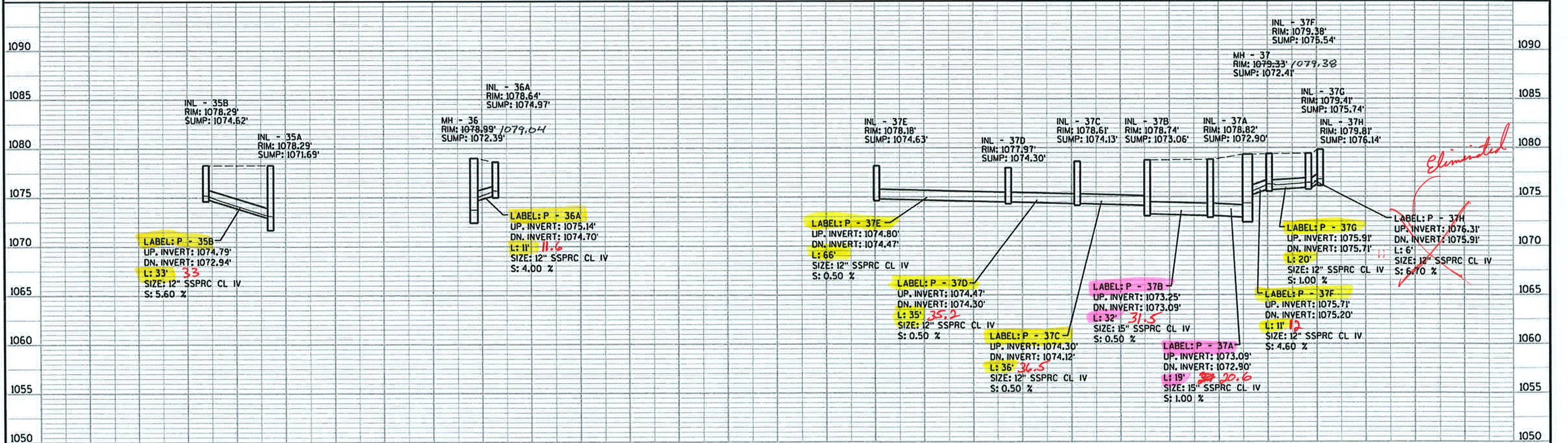
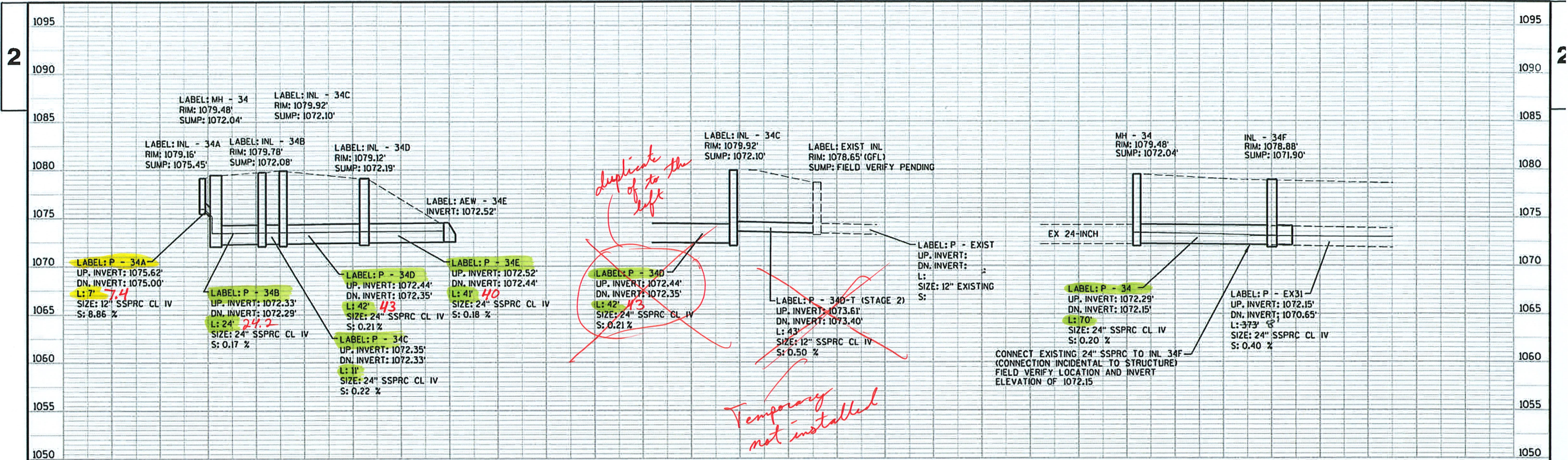
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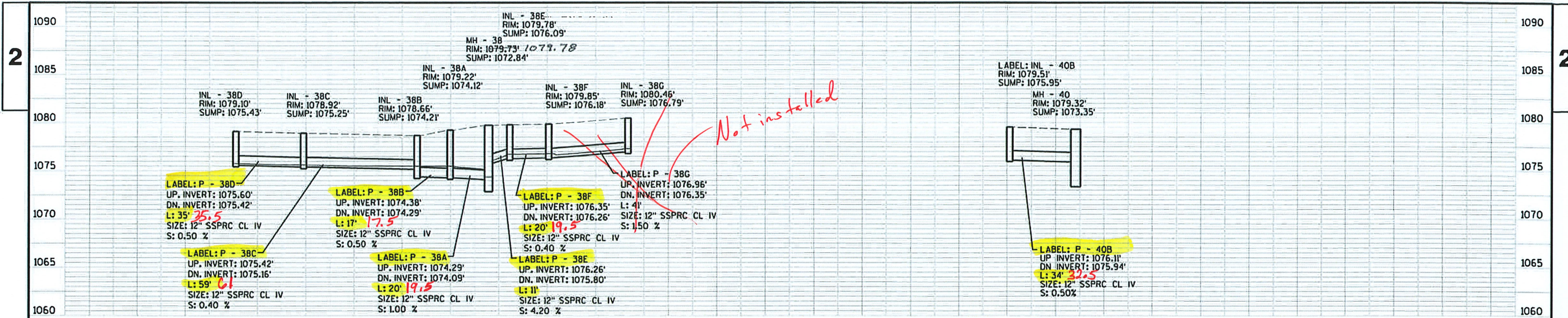
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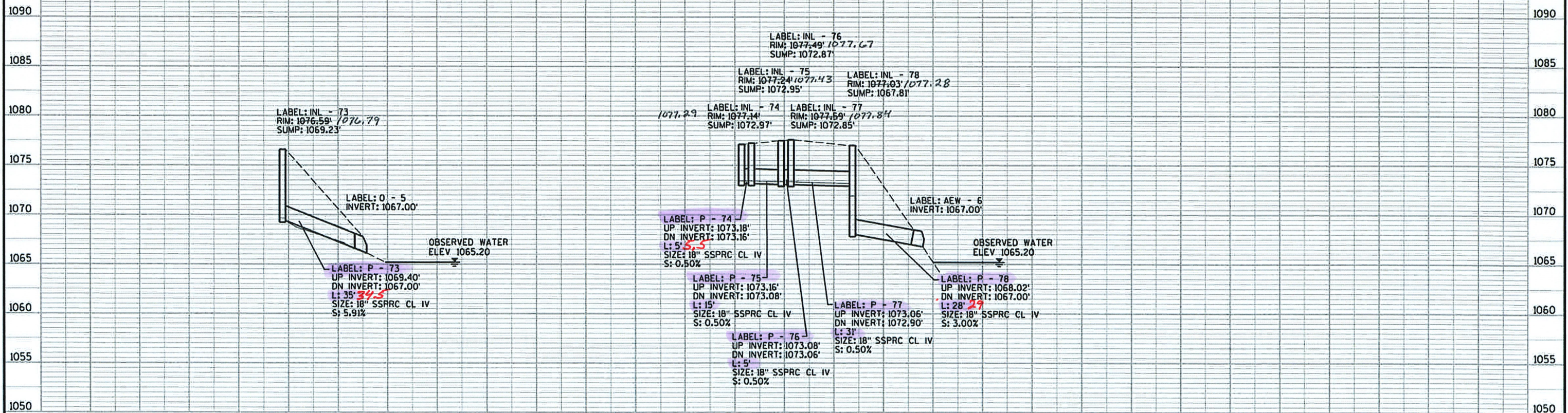
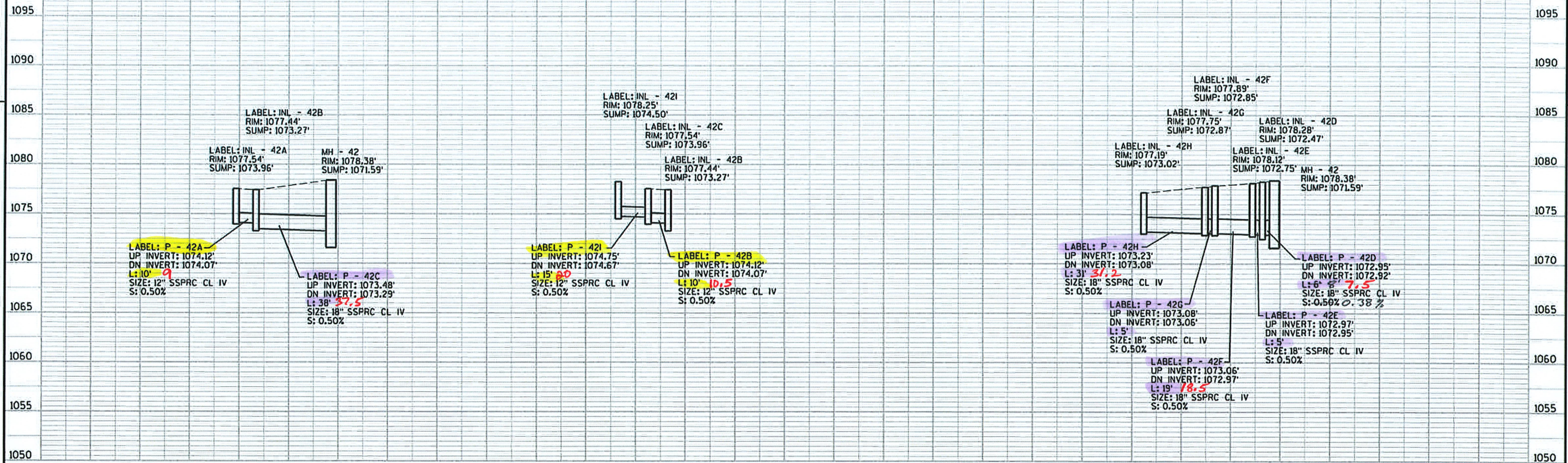


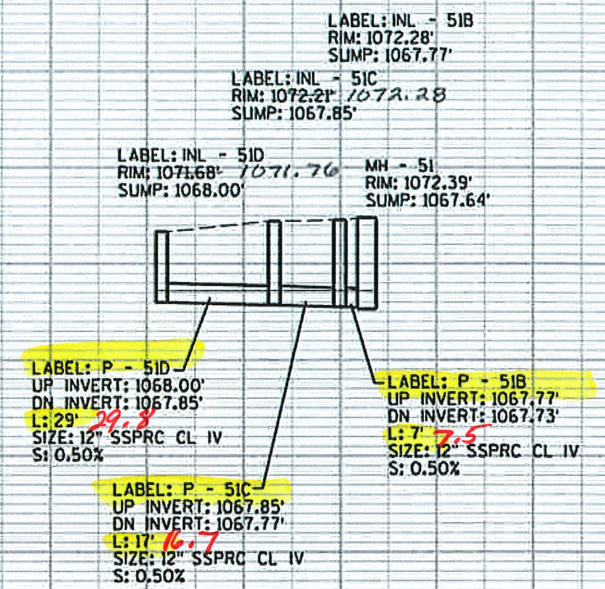
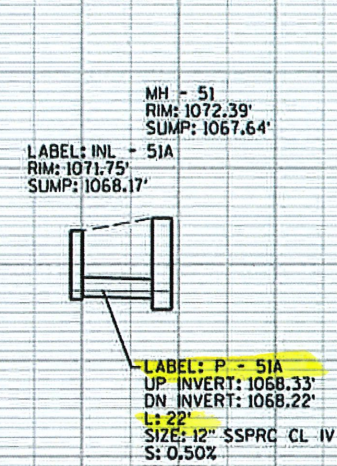
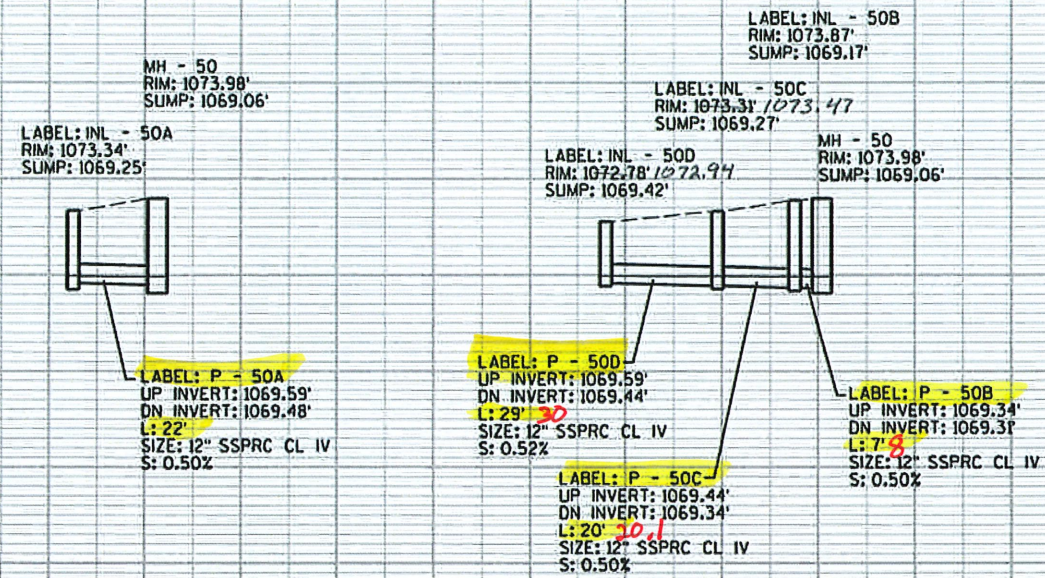
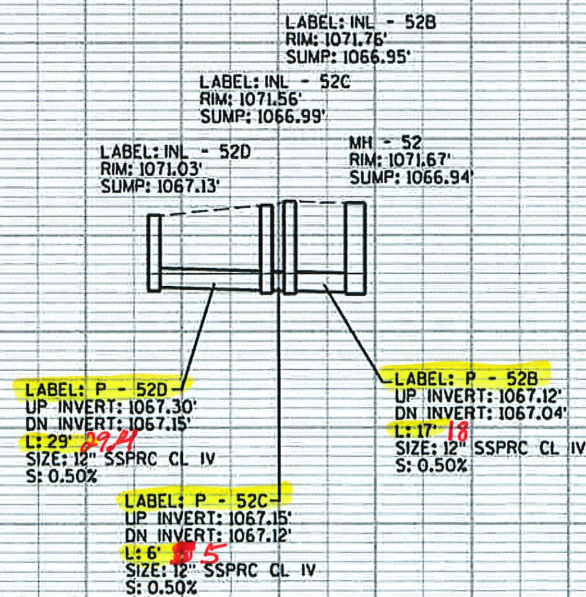
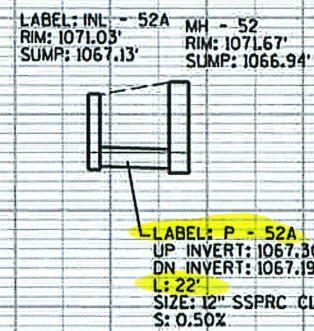
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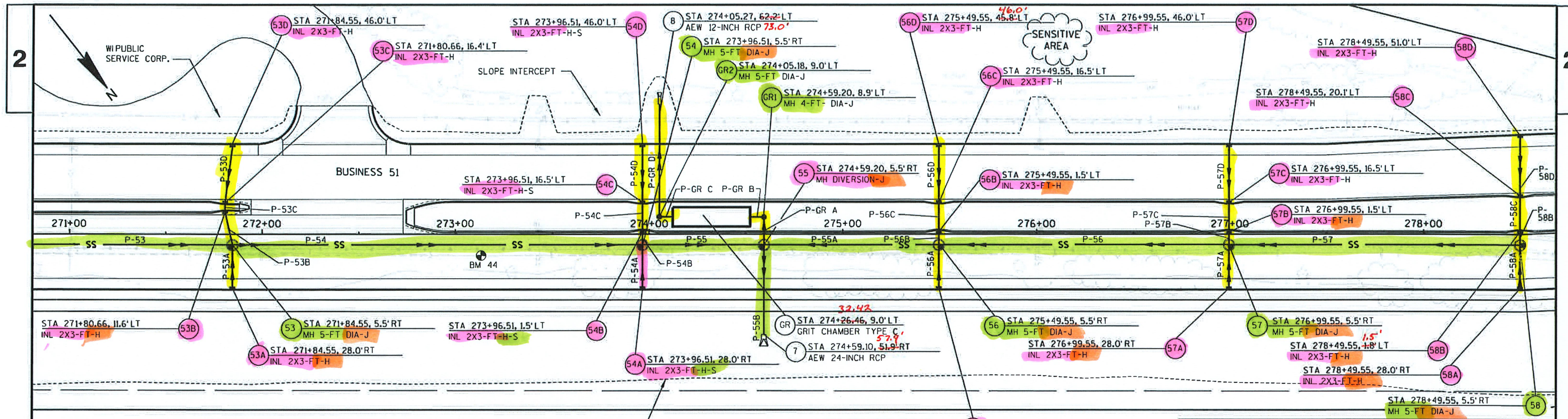
2



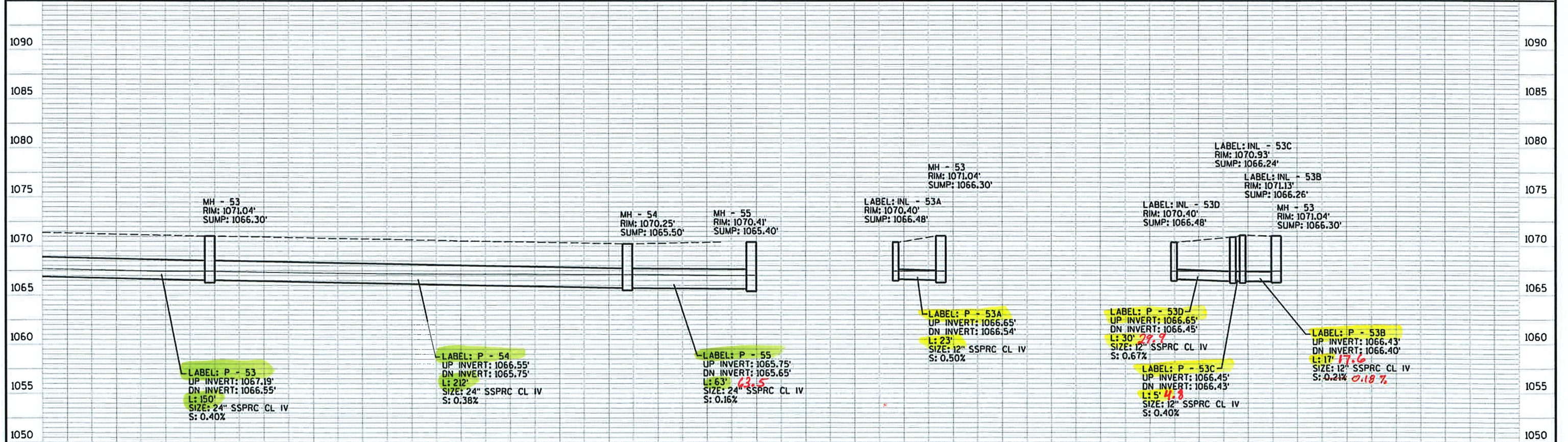




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BENCHMARK TABLE			
NO	STATION	DESCRIPTION	ELEV
44	273+14.0	MAG NAIL IN W/S PP# 108BB23 4TH PP S. OF MINNESOTA AVE	1071.97



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MH - 54
RIM: 1070.25'
SUMP: 1065.50'

LABEL: INL - 54A
RIM: 1069.61'
SUMP: 1066.02'

LABEL: P - 54A
UP INVERT: 1066.19'
DN INVERT: 1066.08'
L: 23'
SIZE: 15" SSPRC CL IV
S: 0.50%

LABEL: INL - 54B
RIM: 1070.14'
SUMP: 1065.80'

LABEL: INL - 54C
RIM: 1070.14'
SUMP: 1065.88'

MH - 54
RIM: 1070.25'
SUMP: 1065.50'

LABEL: INL - 54D
RIM: 1069.61'
SUMP: 1066.02'

LABEL: P - 54D
UP INVERT: 1066.19'
DN INVERT: 1066.05'
L: 30'
SIZE: 12" SSPRC CL IV
S: 0.50%

LABEL: P - 54B
UP INVERT: 1065.97'
DN INVERT: 1065.93'
L: 7'
SIZE: 12" SSPRC CL IV
S: 0.50%

LABEL: P - 54C
UP INVERT: 1066.05'
DN INVERT: 1065.97'
L: 15'
SIZE: 12" SSPRC CL IV
S: 0.50%

MH - 56
RIM: 1071.30'
SUMP: 1066.33'

LABEL: INL - 56A
RIM: 1070.66'
SUMP: 1066.74'

LABEL: P - 56A
UP INVERT: 1066.91'
DN INVERT: 1066.80'
L: 23'
SIZE: 12" SSPRC CL IV
S: 0.50%

LABEL: INL - 56C
RIM: 1071.19'
SUMP: 1066.59'

LABEL: INL - 56B
RIM: 1071.19'
SUMP: 1066.52'

MH - 56
RIM: 1071.30'
SUMP: 1066.33'

LABEL: INL - 56D
RIM: 1070.66'
SUMP: 1066.74'

LABEL: P - 56D
UP INVERT: 1066.91'
DN INVERT: 1066.76'
L: 30'
SIZE: 12" SSPRC CL IV
S: 0.50%

LABEL: P - 56C
UP INVERT: 1066.76'
DN INVERT: 1066.69'
L: 15'
SIZE: 12" SSPRC CL IV
S: 0.50%

LABEL: P - 56B
UP INVERT: 1066.69'
DN INVERT: 1066.65'
L: 7'
SIZE: 12" SSPRC CL IV
S: 0.50%

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LABEL: INL - 57A
RIM: 1073.27'
SUMP: 1069.68'

MH - 57
RIM: 1073.91'
SUMP: 1069.49'

LABEL: P - 57A
UP INVERT: 1069.85'
DN INVERT: 1069.74'
L: 23'
SIZE: 12" SSPRC CL IV
S: 0.50%

LABEL: INL - 57B
RIM: 1073.80'
SUMP: 1069.78'

LABEL: INL - 57C
RIM: 1073.80'
SUMP: 1069.85'

LABEL: INL - 57D
RIM: 1073.27'
SUMP: 1070.01'

MH - 57
RIM: 1073.91'
SUMP: 1069.49'

LABEL: P - 57D
UP INVERT: 1070.18'
DN INVERT: 1070.03'
L: 30'
SIZE: 12" SSPRC CL IV
S: 0.50%

LABEL: P - 57C
UP INVERT: 1070.03'
DN INVERT: 1069.96'
L: 15'
SIZE: 12" SSPRC CL IV
S: 0.50%

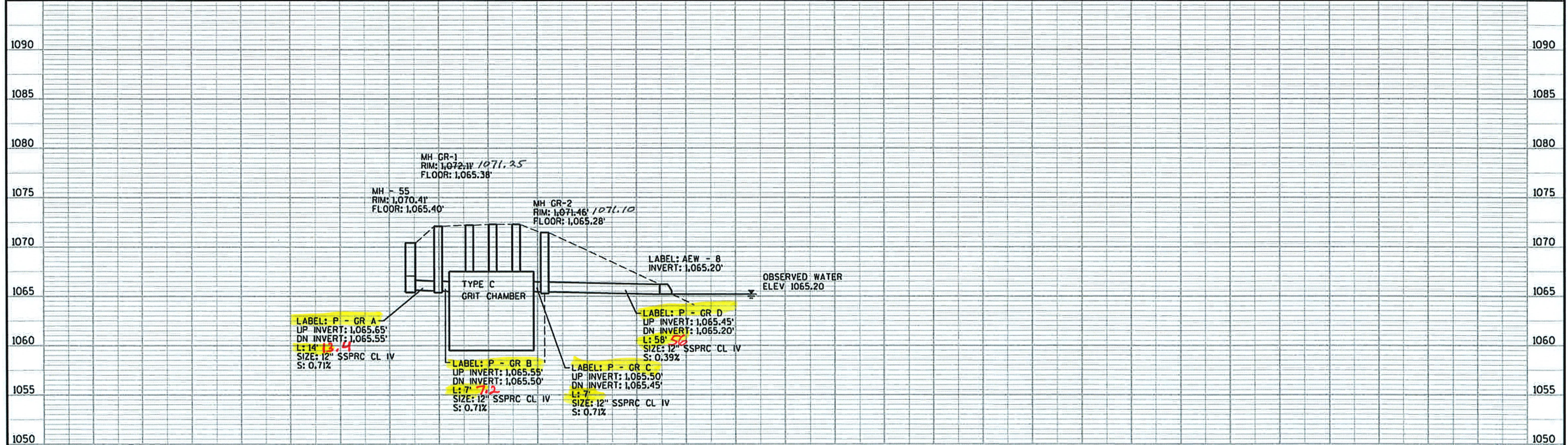
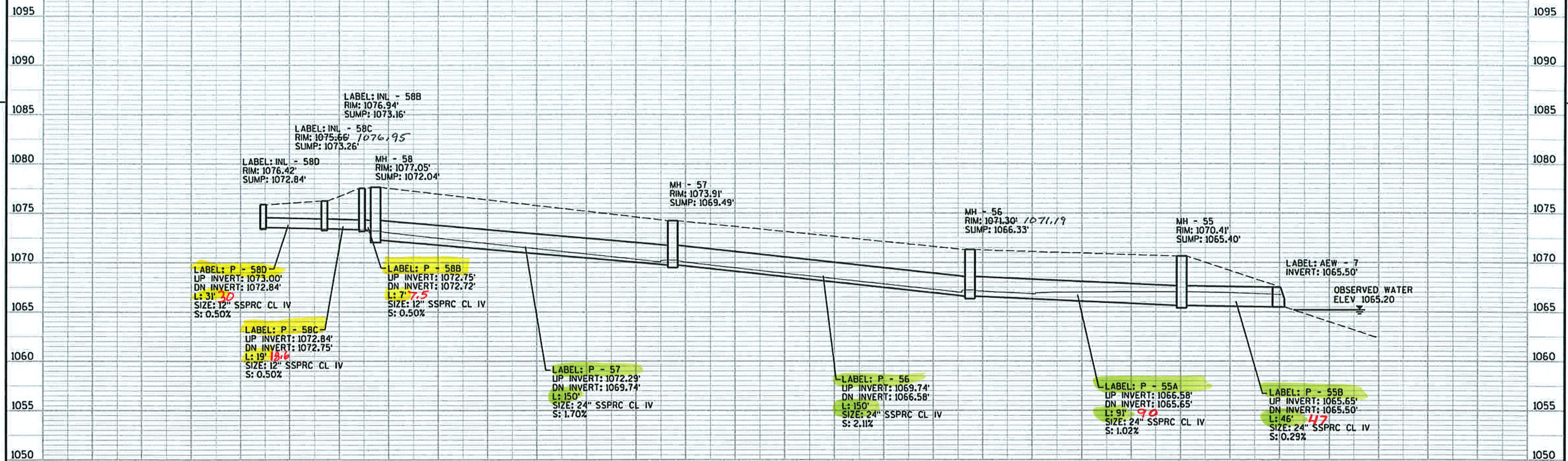
LABEL: P - 57B
UP INVERT: 1069.96'
DN INVERT: 1069.93'
L: 7'
SIZE: 12" SSPRC CL IV
S: 0.50%

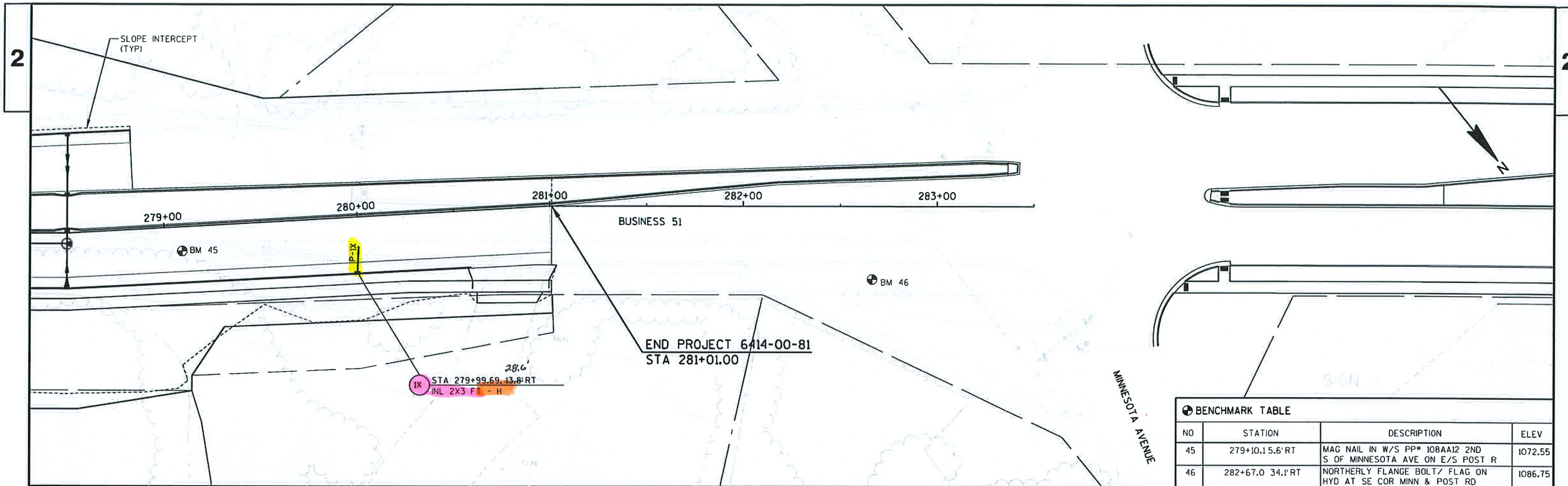
LABEL: INL - 58A
RIM: 1076.41'
SUMP: 1072.77'

MH - 58
RIM: 1077.05'
SUMP: 1072.04'

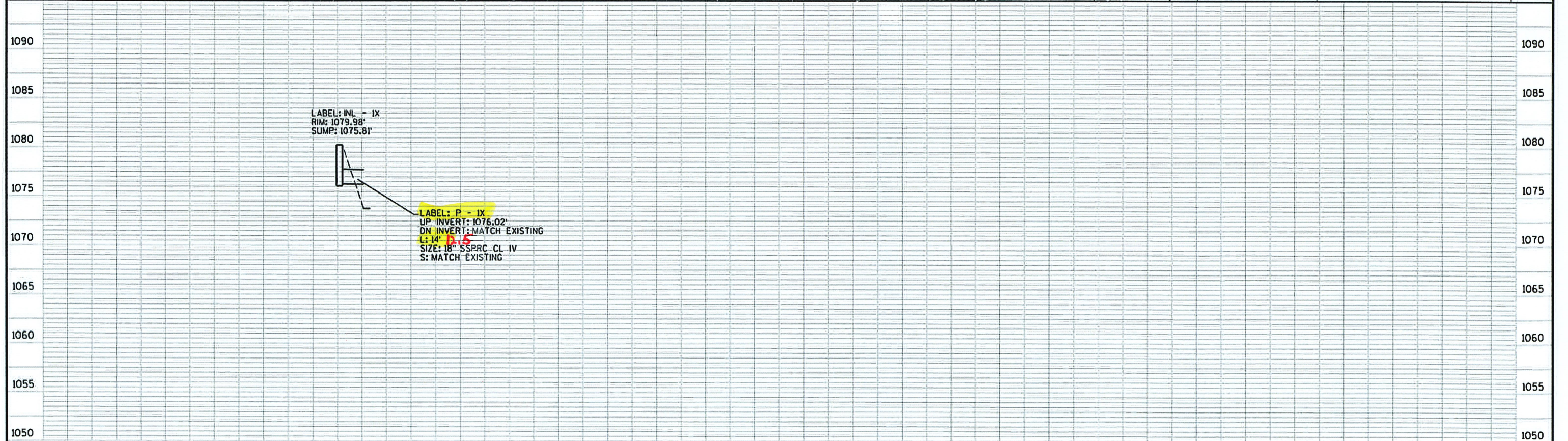
LABEL: P - 58A
UP INVERT: 1072.94'
DN INVERT: 1072.82'
L: 23'
SIZE: 12" SSPRC CL IV
S: 0.52%

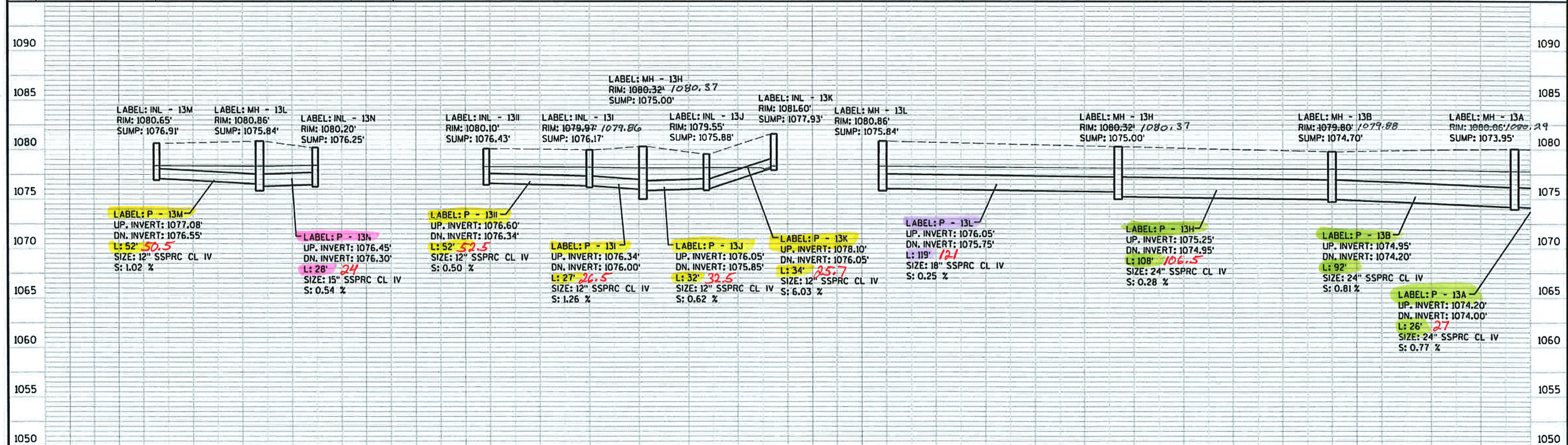
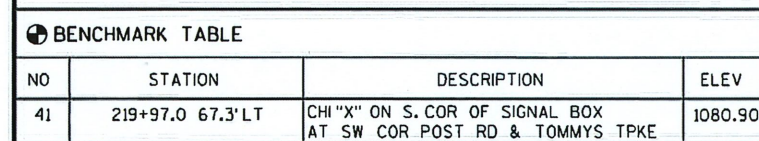
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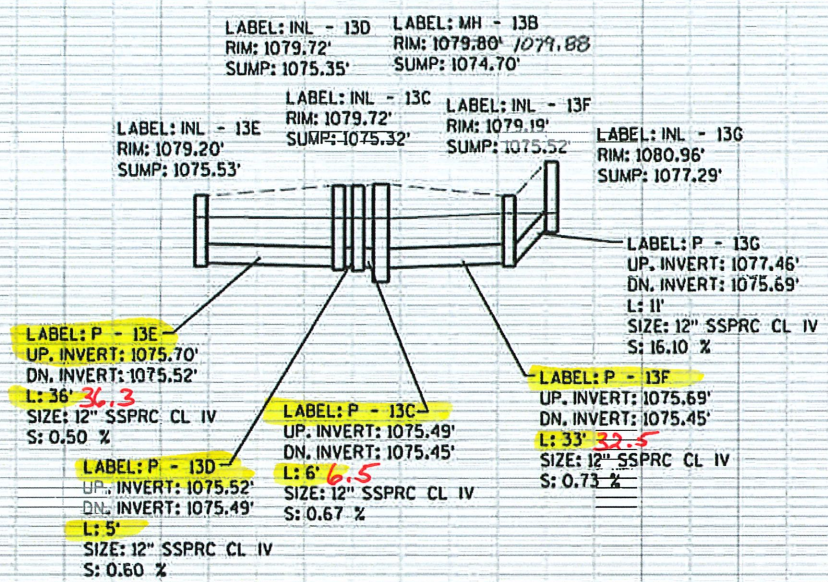


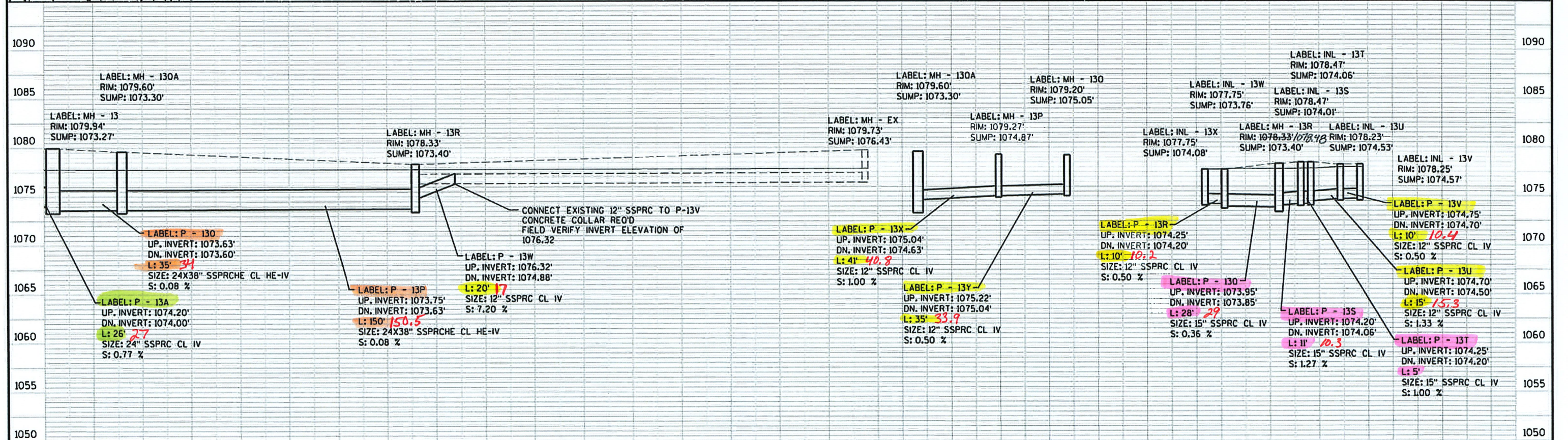
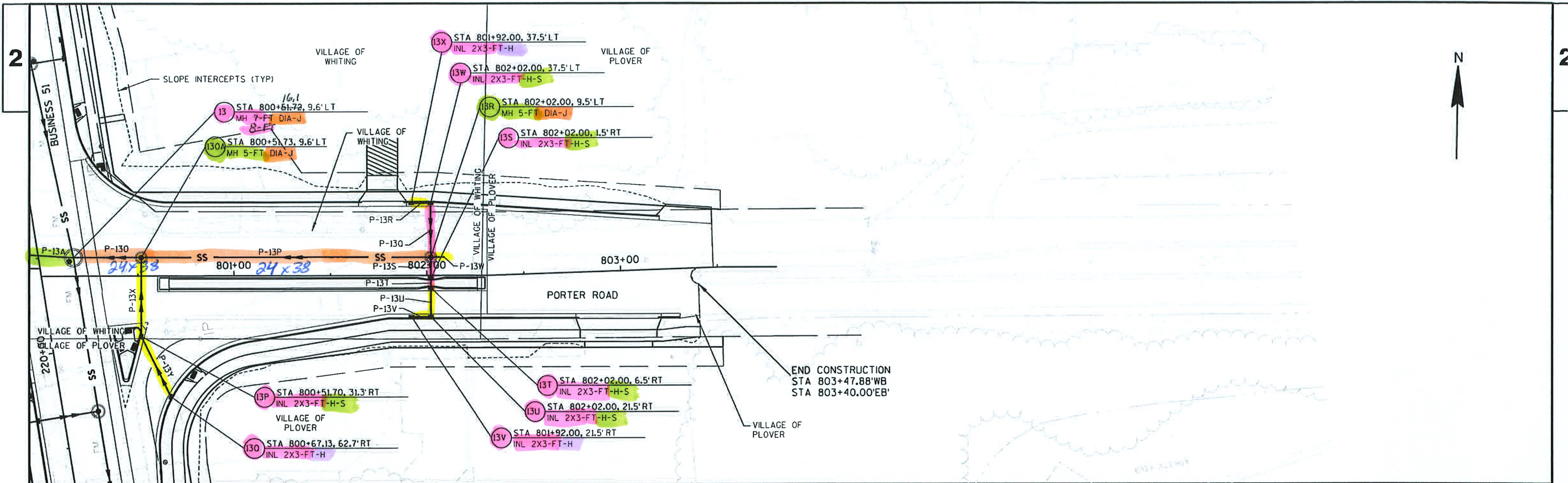


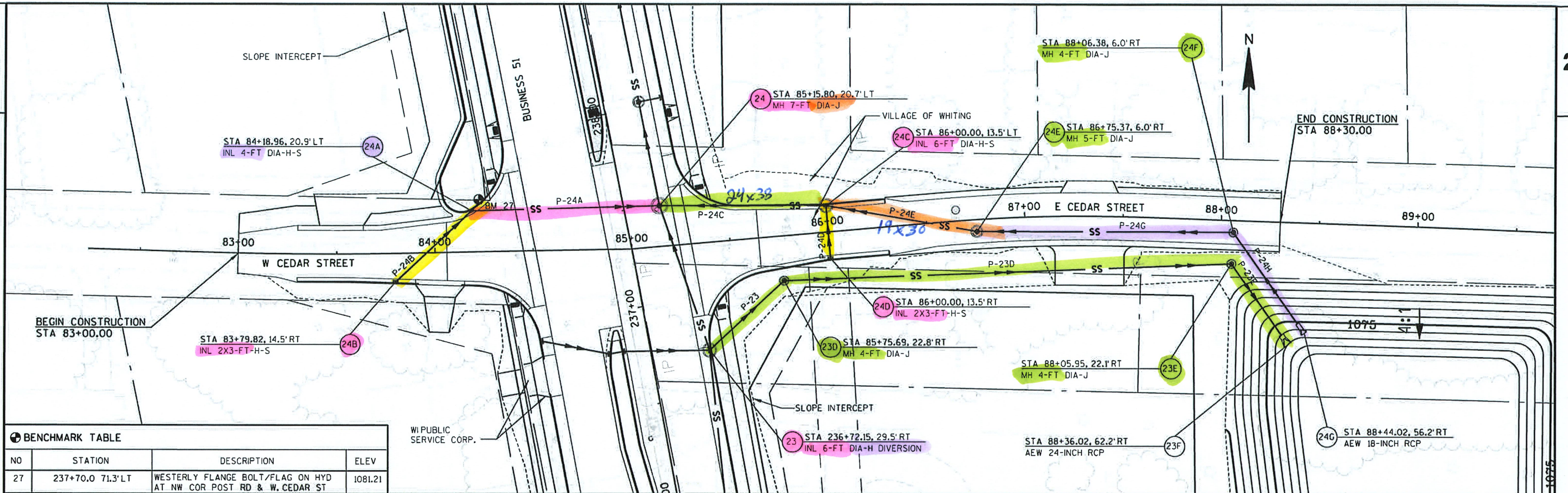
BENCHMARK TABLE			
NO	STATION	DESCRIPTION	ELEV
45	279+10.1 5.6' RT	MAG NAIL IN W/S PP* 108AA12 2ND S OF MINNESOTA AVE ON E/S POST R	1072.55
46	282+67.0 34.1' RT	NORTHERLY FLANGE BOLT/ FLAG ON HYD AT SE COR MINN & POST RD	1086.75





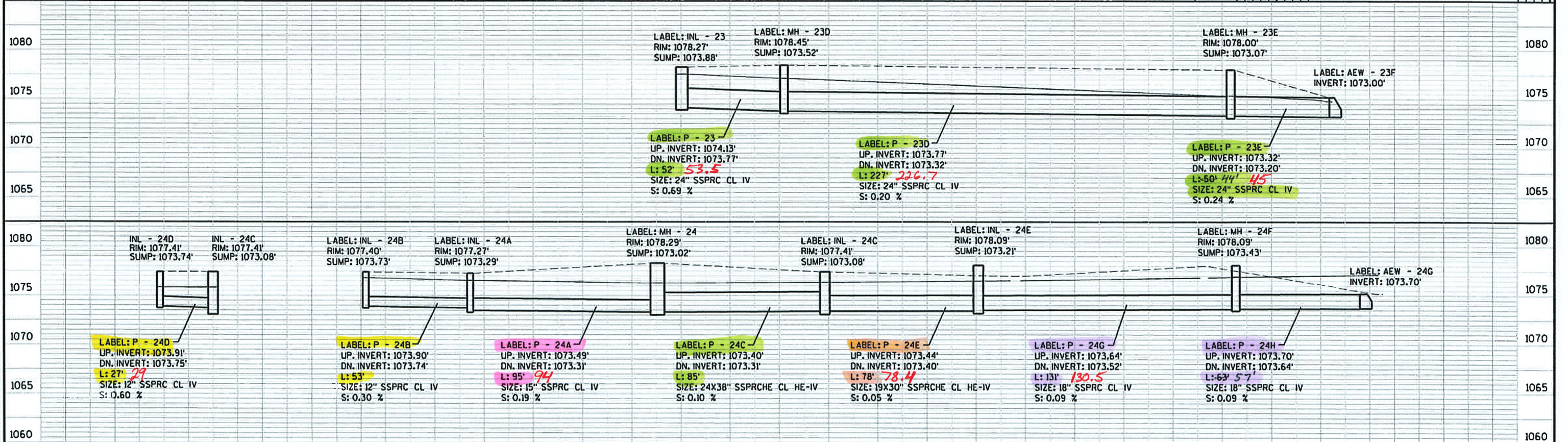
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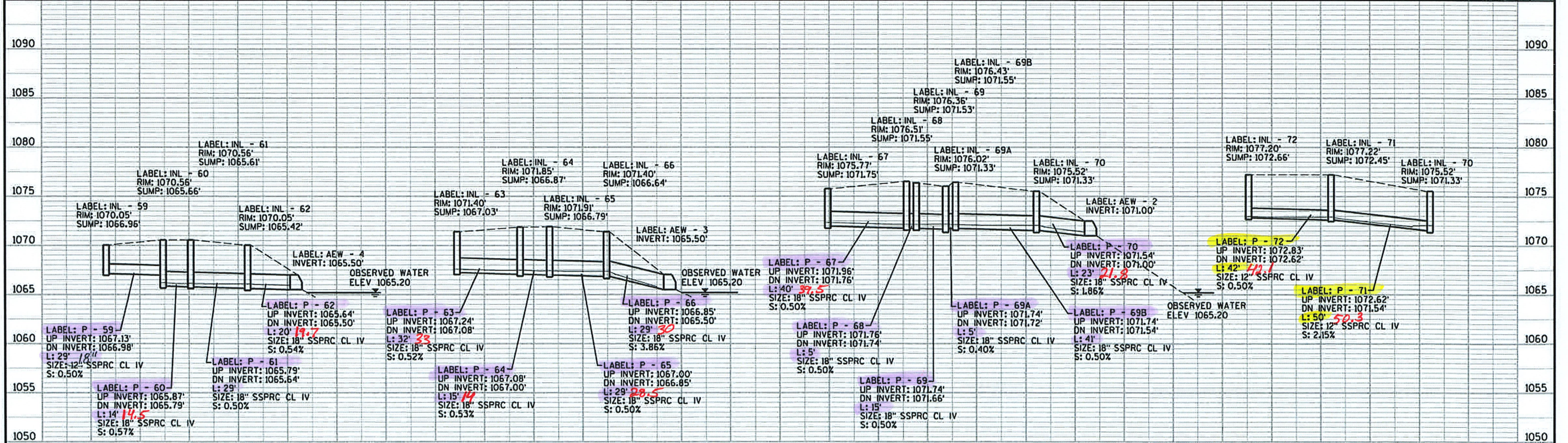
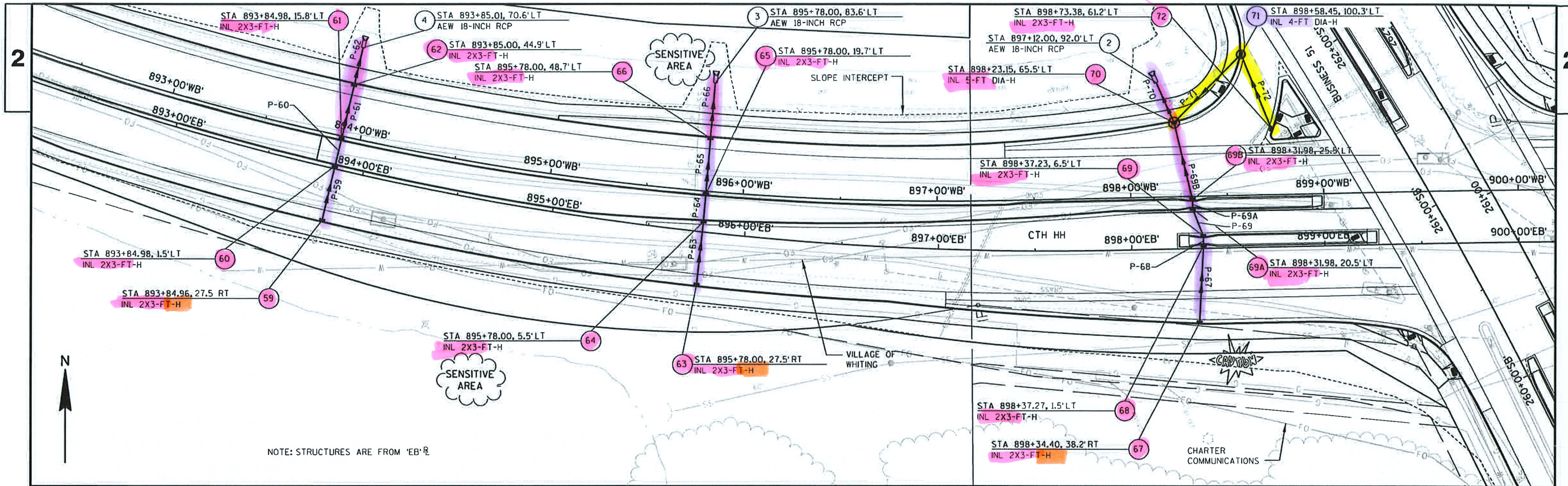




BENCHMARK TABLE

NO	STATION	DESCRIPTION	ELEV
27	237+70.0 71.3' LT	WESTERLY FLANGE BOLT/FLAG ON HYD AT NW COR POST RD & W. CEDAR ST	1081.21





PROJECT NO: 6414-00-81

HWY: BUSINESS 51

COUNTY: PORTAGE

STORM SEWER

SHEET

96

E

FILE NAME : P:\UZ\W\W\itno\128397\5-final-dsgn\50-final-dgns\40-TransHwy\022515 ss.dgn

PLOT TIME : 3:47:47 PM

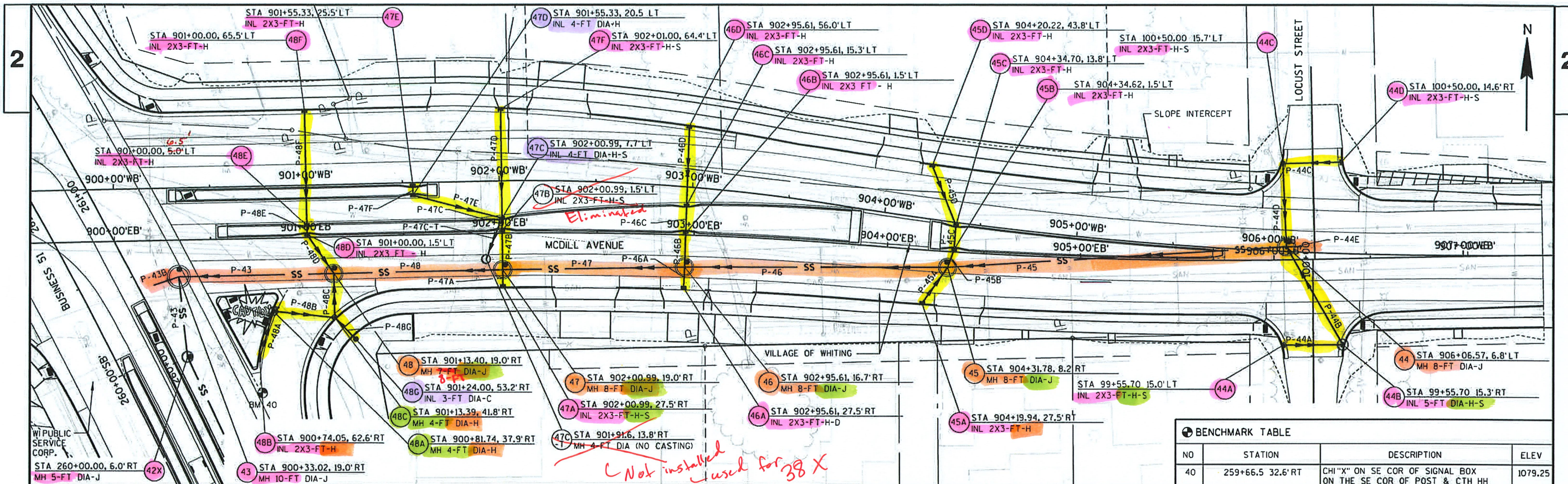
PLOT DATE : 3/1/2018

PLOT BY : SEH

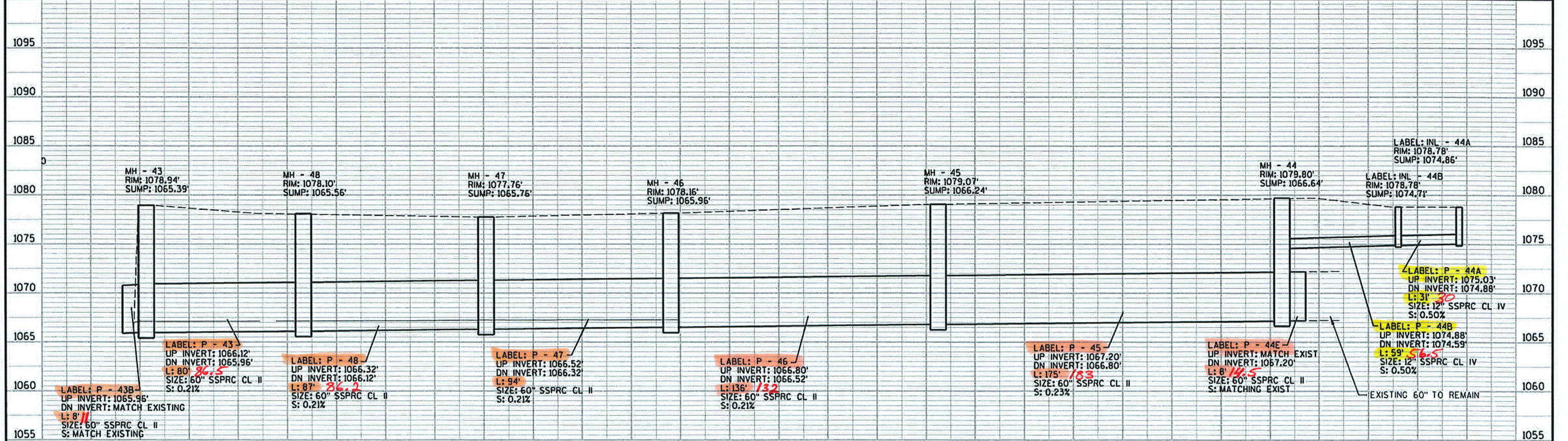
PLOT NAME :

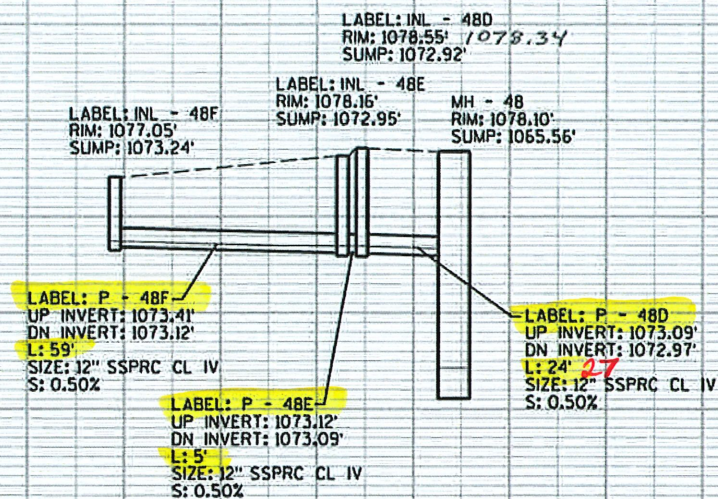
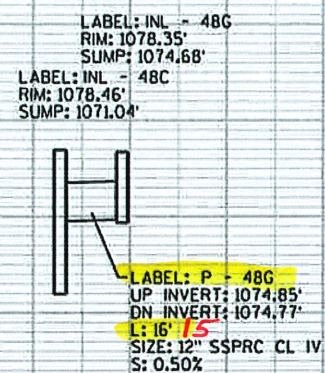
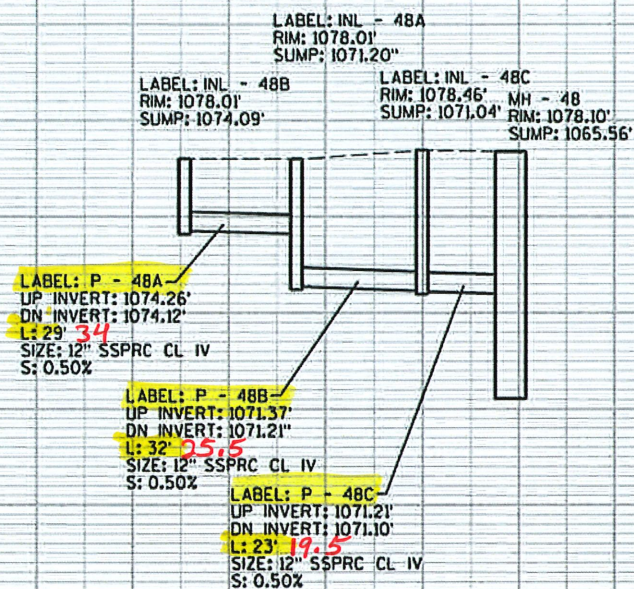
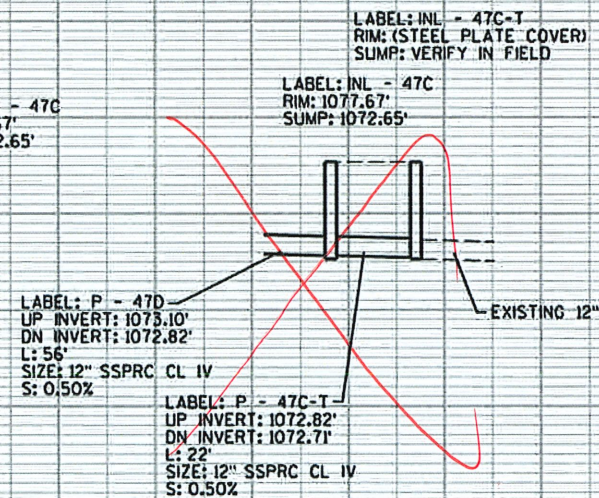
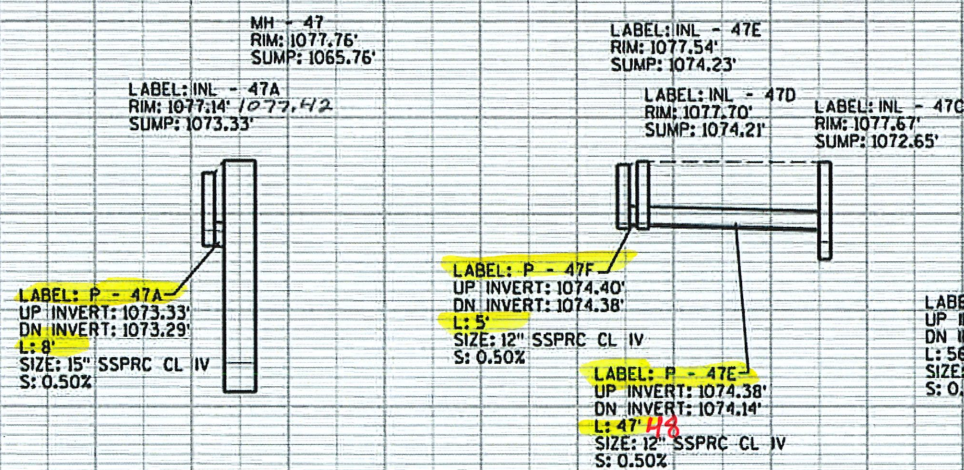
PLOT SCALE : N/A

WISDOT/CADDs SHEET 40

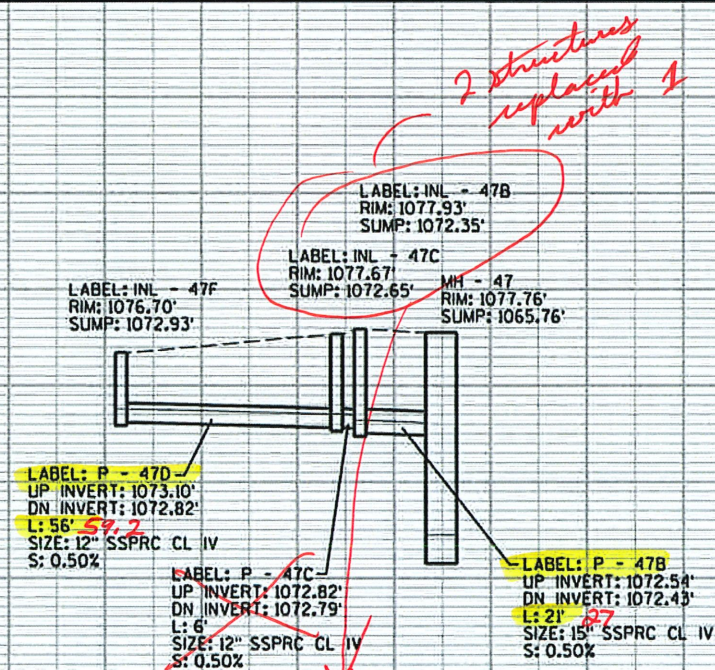


BENCHMARK TABLE			
NO	STATION	DESCRIPTION	ELEV
40	259+66.5 32.6' RT	CHI "X" ON SE COR OF SIGNAL BOX ON THE SE COR OF POST & CTH HH	1079.25



1095
1090
1085
1080
1075
1070
1065
1060
1055
10501095
1090
1085
1080
1075
1070
1065
1060
1055
10501090
1085
1080
1075
1070
1065
1060
1055
1050

Temporary
Connection + Structure
Not installed.



2 structures
replaced
with 1

Eliminated
4' Inlet
Replaced
two structures

1090
1085
1080
1075
1070
1065
1060
1055
1050

1095
1090
1085
1080
1075
1070
1065
1060
1055
1050

MH - 46
RIM: 1078.16'
SUMP: 1065.96'

LABEL: INL - 46A
RIM: 1077.75'
SUMP: 1074.04'

LABEL: P - 46A
UP INVERT: 1074.21'
DN INVERT: 1074.16'
L: 11'
SIZE: 12" SSPPR CL IV
S: 0.50%

LABEL: INL - 46B
RIM: 1078.27'
SUMP: 1073.52'

LABEL: INL - 46C
RIM: 1078.22'
SUMP: 1073.58'

MH - 46
RIM: 1078.16'
SUMP: 1065.96'

LABEL: INL - 46D
RIM: 1077.48'
SUMP: 1073.79'

LABEL: P - 46D
UP INVERT: 1073.95'
DN INVERT: 1073.75'
L: 41'
SIZE: 12" SSPPR CL IV
S: 0.50%

LABEL: P - 46C
UP INVERT: 1073.75'
DN INVERT: 1073.69'
L: 14'
SIZE: 12" SSPPR CL IV
S: 0.50%

LABEL: P - 46B
UP INVERT: 1073.69'
DN INVERT: 1073.60'
L: 18'
SIZE: 12" SSPPR CL IV
S: 0.50%

1095
1090
1085
1080
1075
1070
1065
1060
1055
10501090
1085
1080
1075
1070
1065
1060
1055
1050

MH - 45
RIM: 1079.07'
SUMP: 1066.24'

LABEL: INL - 45A
RIM: 1078.35'
SUMP: 1074.52'

LABEL: P - 45A
UP INVERT: 1074.69'
DN INVERT: 1074.58'
L: 23'
SIZE: 12" SSPPR CL IV
S: 0.50%

LABEL: INL - 45B
RIM: 1078.95'
SUMP: 1074.30'

LABEL: INL - 45C
RIM: 1078.95'
SUMP: 1074.36'

MH - 45
RIM: 1079.07'
SUMP: 1066.24'

LABEL: INL - 45D
RIM: 1078.35'
SUMP: 1074.52'

LABEL: P - 45D
UP INVERT: 1074.69'
DN INVERT: 1074.53'
L: 33'
SIZE: 12" SSPPR CL IV
S: 0.50%

LABEL: P - 45C
UP INVERT: 1074.53'
DN INVERT: 1074.47'
L: 12'
SIZE: 12" SSPPR CL IV
S: 0.50%

LABEL: P - 45B
UP INVERT: 1074.47'
DN INVERT: 1074.42'
L: 10'
SIZE: 12" SSPPR CL IV
S: 0.50%

LABEL: INL - 44D
RIM: 1078.68'
FLOOR: 1074.94'

MH - 44
RIM: 1079.80'
FLOOR: 1066.64'

LABEL: INL - 44C
RIM: 1078.67'
FLOOR: 1075.09'

LABEL: P - 44C
UP INVERT: 1075.25'
DN INVERT: 1075.10'
L: 30'
SIZE: 12" SSPPR CL IV
S: 0.50%

LABEL: P - 44D
UP INVERT: 1075.10'
DN INVERT: 1074.89'
L: 43'
SIZE: 12" SSPPR CL IV
S: 0.50%

1090
1085
1080
1075
1070
1065
1060
1055
1050

3

3

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER
ESTIMATE CATEGORY 0010 FOR PROJECT LISTED UNLESS OTHERWISE NOTED.

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WISDOT/CADDS SHEET 43

[illegible]

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER
ESTIMATE CATEGORY 0010 FOR PROJECT LISTED UNLESS OTHERWISE NOTED.

0000 0412 0000 0415 0000 0416 0000 0424 0000 043 0000 0436 0000 0442 0000 0260 0000 3012 0000 1419 0000 2424 0110 0530 0110 D612 0110 0624 0110 0639 SPV 0060 41 SPV 0060 45 0110 2004 0110 2005 0110 2006 0110 2007 0110 2008 SPV 0030 42 0110 30C3 0110 30C4 SPV 0060 43 SPV 0060 44 0110 3230 SPV 0060 4D

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ESTIMATE CATEGORY 0010 FOR PROJECT LISTED UNLESS OTHERWISE NOTED.

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STORM SEWER (CONT'D)																															
STORM SEWER PIPE REINFORCED CONCRETE CLASS IV											REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE IV		MANHOLE COVERS TYPE J EACH	INLET COVERS TYPE				MANHOLES										INLETS		GRIT CHAMBER TYPE C	
STATION	LOCATION	12-INCH LF	15-INCH LF	18-INCH LF	24-INCH LF	30-INCH LF	36-INCH LF	42-INCH LF	60-INCH LF	CLASS III A 12-INCH LF	19X30-INCH LF	24X30-INCH LF	C EACH	H EACH	H-S EACH	H-D EACH	DIVERSION EACH	4-FT EACH	5-FT EACH	6-FT DIAMETER EACH	7-FT DIAMETER EACH	8-FT EACH	10 FT EACH	3-FT EACH	4-FT EACH	5-FT DIAMETER EACH	6-FT EACH	2X3-FT EACH	TYPE C EACH		
254+24.97	LT	38																												1	
254+68.83	LT																													1	
255+08.07	LT	34																												1	
256+00.00	LT																													1	
256+00.00	LT				65															1										1	
256+03.49	LT	31		23																							1			1	
256+05.00	LT				200															1										1	
256+05.00	LT	13																												1	
256+05.00	LT	9																												1	
256+05.15	LT	31																												1	
256+53.27	LT			31																										1	
258+53.27	LT			19																										1	
258+53.52	LT			5																										1	
258+05.00	LT			5																										1	
258+05.00	LT			6																										1	
263+22.57	LT			33																										1	
263+22.57	LT			5																										1	
263+22.57	LT			10																										1	
263+23.00	LT			5																										1	
263+25.00	LT																													1	
265+33.03	LT	7																												1	
265+33.07	LT	15																												1	
265+33.17	LT	38																												1	
267+14.98	LT	7																												1	
267+15.23	LT	20																												1	
267+15.61	LT	29																												1	
268+79.28	LT	29																												1	
268+79.05	LT	17																												1	
268+79.79	LT	7																												1	
270+34.75	LT	17																												1	
270+34.75	LT	6																												1	
270+34.75	LT	29																												1	
271+00.00	LT	17																												1	
271+00.00	LT	5																												1	
271+04.55	LT	30																												1	
273+06.51	LT	7																												1	
273+06.51	LT	15																												1	
273+06.51	LT	30																												1	
274+09.18	LT	65																												1	
274+60.20	LT	21																												1	
275+49.55	LT	7																												1	
275+49.55	LT	13																												1	
275+49.55	LT	30																												1	
276+09.55	LT	7																												1	
276+09.55	LT	15																												1	
276+09.55	LT	30																												1	
278+49.55	LT	7																												1	
278+49.55	LT	19																												1	
278+49.55	LT	31																												1	
CTH HH																															
093+04.00	RT			29																										1	
093+04.00	LT			14																										1	
093+04.98	LT			29																										1	
093+05.00	LT			23.20																										1	
095+78.00	RT			32																										1	
095+78.00	LT			16																										1	
095+78.00	LT			29																										1	
095+78.00	LT			22.29																										1	
098+23.16	LT			26.23																										1	
098+31.98	LT			5																										1	
098+31.98	LT			41																										1	
098+34.40	RT			40																										1	
098+37.23	LT			5																										1	
098+37.23	LT			15																										1	
098+58.45	LT	50																												1	
098+73.38	LT	42																												1	
STAGE 3 SUBTOTAL		994		477	265								3		57	10				1	3					7	1		58		
PROJECT 6414-00-81 SUBTOTAL		5045	108	1084	3708	127	2224	332	688	35	78	270	61	4	169	84	2	1	19	24	14	5	7	1	5	33	3	213	1		
ITEM TOTALS		5045	108	1084	3708	127	2224	332	688	35	78	270	61	4	169	84	2	1	19	24	14	5	7	1	5	33	3	213	1		

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