

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

DRAINAGE STRUCTURE TABLE																
D.N. NO. (NOTE 1)	STATION	OFFSET (NOTE 2)	D.S. TYPE	DESIGN T.O.G. ELEV.	INVERT ELEVATIONS				D.S. OUTLET PIPE SIZE AND TYPE	D.S. OUTLET PIPE ELEVATION	CONNECT TO D.N.	FRAME / GRATE TYPE	FORMED INVERT OR SCOOP (NOTE 4)	SHIELDS AND SHORING (NOTE 5)	COMMENTS	
DN 6-9	H20 95+29.8	-69.0	EXST.												CLEAN STRUCTURE, ITEM 621.04	
DN 7-1	H20 96+50.5	-13.0	T	432.47	(E) 428.34				15" SICPP	53.3	DN 7-2	Par11PCB	SCOOP	YES		
DN 7-2	H10 96+59.4	-13.0	U	432.17	(N) 427.87	(S) 427.97	(SW) 427.95		18" SICPP	135.6	DN 7-4	Par12PCB	FORMED	YES		
DN 7-3	H20 97+97.9	-13.0	T	430.00	(E) 425.87				15" SICPP	52.8	DN 7-4	Par11PCB	SCOOP	YES		
DN 7-4	H10 97+98.4	-13.0	U	429.96	(N) 424.77	(S) 424.80	(W) 425.49		18" SICPP	107.6	DN 7-5	Par12PCB	FORMED	YES		
DN 7-5	H10 99+09.3	-13.0	U	428.64	(N) 423.98	(S) 423.98			18" SICPP	118.5	DN 7-6	Par12PCB	FORMED	YES		
DN 7-6	H10 100+29.6	-13.0	U	427.44	(N) 423.03	(S) 423.03	(W) 423.32		18" SICPP	116.4	DN 8-1	Par12PCB	FORMED	YES		
DN 7-7	H20 100+26.8	-13.0	T	427.47	(E) 423.58				15" SICPP	51.7	DN 7-6	Par11PCB	SCOOP	-		
DN 7-8	H10 97+42.0	55.0	EXST.												CLEAN STRUCTURE, ITEM 621.04	
DN 7-9	H20 98+96.0	-92.0	EXST.												CLEAN STRUCTURE, ITEM 621.04	
DN 8-1	H10 101+49.4	-13.0	U	426.25	(N) 421.90	(S) 421.95			18" SICPP	118.4	DN 8-2	Par12PCB	FORMED	YES		
DN 8-2	H10 102+69.7	-13.0	U	425.06	(E) 420.71	(S) 420.81	(W) 420.82		18" SICPP	43.5	ES 8-1	Par12PCB	FORMED	YES		
DN 8-3	H20 102+63.7	-13.0	T	425.11	(E) 421.08				15" SICPP	51.5	DN 8-2	Par11PCB	SCOOP	YES		
DN 8-4	H20 104+39.4	-13.0	T	423.41	(W) 420.15				15" SICPP	30.5	ES 8-4	Par11PCB	SCOOP	-		
DN 8-5	H10 103+89.4	-13.0	T	423.85	(N) 419.73				15" SICPP	86.1	DN 8-6	Par11PCB	SCOOP	YES		
DN 8-6	H10 104+77.4	-13.0	U	422.96	(NE) 418.85	(S) 419.00			18" SICPP	56.2	ES 8-5	Par12PCB	FORMED	YES		
DN 8-7	H20 106+46.7	-76.0	EXST.												REMOVE STRUCTURE, ABANDON OUTLET PIPE	
ES 8-2	H10 103+30.0	45.2			419.93				24" SICPP	111.7	ES 8-3				CULVERT	
DN 9-1	H10 107+00.5	13.0	T	420.55	(E) 416.42				15" SICPP	42.7	ES 9-1	Par11PCB	SCOOP	YES		
DN 9-2	H10 108+58.0	13.0	U	418.95	(N) 412.40	(E) 412.60			18" SICPP	120.4	DN 9-6	Par12PCB	FORMED	YES		
ES 9-2									18" SICPP	29.9	DN 9-2					
DN 9-3	H20 108+34.1	13.0	T	419.27	(N) 415.19				15" SICPP	98.5	DN 9-4	Par11PCB	SCOOP	YES		
DN 9-4	H20 109+37.6	13.0	U	418.27	(N) 414.04	(S) 414.14			15" SICPP	61.1	DN 9-5	Par12PCB	FORMED	YES		
DN 9-5	H20 110+02.0	13.0	U	417.75	(E) 413.34	(S) 413.43			15" SICPP	51.9	DN 9-6	Par12PCB	FORMED	YES		
DN 9-6	H10 109+81.6	13.0	F	417.99	(N) 409.75	(S) 410.33	(W) 412.30		24" SICPP	161.4	DN 10-1	Par11PCB	FORMED	YES	EXTRA OPENINGS FOR UNDERDRAINS	
DN 10-1	H10 111+46.0	-13.0	F	416.05	(N) 408.84	(S) 408.94			24" SICPP	97.0	DN 10-2	Par11PCB	FORMED	YES		
DN 10-2	H10 112+48.5	-13.0	F	415.02	(N) 408.26	(S) 408.36	(W) 409.38		24" SICPP	78.5	DN 10-3	Par11PCB	FORMED	YES		
DN 10-3	H10 113+32.1	-13.0	B	414.36	(N) 407.82	(S) 407.86	(W) 409.07	(W) 405	24" SICPP	223.5	DN 10-4	Ret #11	NONE	YES	LOWER WEST INVERT IS TEMPORARY OUTLET EXISTING SEWER.	
DN 10-4	H10 115+64.5	19.7	MH 72	409.18	(N) 403.02	(E) 406.36	(S) 403.51	(W) 403.65	2438RC HOR	204.5	DN 11-3	FRAME & COVER	FORMED	YES		
DN 10-5	H20 112+58.9	-13.0	T	415.04	(E) 410.39				15" SICPP	47.0	DN 10-2	Par11PCB	SCOOP	YES		
DN 10-6	H20 113+38.2	-13.0	U	414.35	(E) 409.62				15" SICPP	42.4	DN 10-3	Par12PCB	SCOOP	YES		
DN 10-7	H20 115+84.2	12.0	T	409.39	(E) 404.60				18" SICPP	40.7	DN 10-8	Par11PCB	SCOOP	YES		
DN 10-8	H10 115+64.5	13.0	U	408.75	(E) 403.80	(W) 403.90			18" SICPP	4.3	DN 10-4	Par12PCB	FORMED	YES		
DN 10-9	H10 113+71.9	38.8	SP-5	414.79	(N) 411.25	(E) 411.50			8" PVC	113.8	DN 10-10	SQ. GRATE		-		
DN 10-10	H10 114+92.8	31.1	SP-5	411.55	(N) 407.50	(S) 408.25	(E) 407.680		8" PVC	66.2	DN 10-11	SQ. GRATE		YES		
DN 10-11	H10 115+64.6	28.1	SP-5	409.37	(W) 406.56	(S) 406.66			8" PVC	8.4	DN 10-4	SQ. GRATE		-		
DN 11-1	H20 117+40.8	-12.0	U	406.49	(NE) 403.07				15" RCP	34.8	DN 11-2	Par12PCB	SCOOP	-		
DN 11-2	H20 117+79.7	-12.0	U	406.37	(NE) 402.80	(SW) 402.90			15" RCP	27.60	DN 11-3	Par12PCB	FORMED	-		
DN 11-3	H20 118+09.1	5.7	L	406.73	(NE) 401.85	(SE) 401.85	(S) 402.00	(SW) 402.67	(SE) 402.02	2742RC HOR	194.4	DN 11-10	FRAME & COVER	FORMED	YES	PROVIDE TEMPORARY OUTLET TO EXISTING SANITARY MANHOLE WITH 28.1' OF 15" PVC SDR-35. INLET TO EXSTING MH AT INVERT OF 401.65
DN 11-4	H10 117+28.6	13.0	U	406.06	(NE) 402.70				15" RCP	23.9	DN 11-5	Par12PCB	SCOOP	-		
DN 11-5	H10 117+56.5	13.0	U	406.28	(NW) 402.24	(NE) 402.71	(SW) 402.58		15" RCP	43.6	DN 11-3	Par12PCB	FORMED	YES		
DN 11-6	H20 119+23.0	-13.0	U	407.14	(SE) 403.70				15" RCP	39.7	DN 11-7	Par12PCB	SCOOP	-		
DN 11-7	H10 118+80.1	-13.0	U	406.77	(SW) 403.31	(NE) 403.41	(NW) 403.41		15" RCP	120.6	DN 11-5	Par12PCB	FORMED	-		
DN 11-8	H10 120+40.2	-13.0	T	410.11	(S) 405.30	(W) 405.40			15" RCP	152.0	DN 11-7	Par11PCB	FORMED	YES		
DN 11-9	H20 120+65.8	-13.0	T	411.11	(E) 406.54				15" SICPP	40.3	DN 11-8	Par11PCB	SCOOP	YES		
DN 11-10	H20 120+10.0	-23.8	H	409.59	(N) 401.45	(S) 401.47			3249RC HOR.	224.0	DN 12-2	FRAME & COVER	FORMED	YES		
DN 11-11	S75 9+64.7	-14.0	MH 48	434.27	(W) 428.76	(N) 428.81	(E) 430.33		12" PVC	26.6	SAN MH	FRAME & COVER	FORMED	YES	INSTALL NEW 4' dia. MH. CONNECT TO EXSTING MH WITH 26' OF 12" PVC PIPE.	
DN 11-12	S75 9+59.7	15.0	CITY	432.84	(N) 429.12				10" PVC	19.7	DP 30	RET #22	SUMP	-	LATERAL. CONNECT TO NEW STORM SEWER	
DN 11-13	S75 9+01.1	7.9	EXST	429.47								EXST			ADJUST FRAME & GRATE TO PROPOSED GRADE	
DN 11-14	S75 10+07.0	-15.0	CITY	440.48	(W) 436.86				10" PVC	43.0	DN 11-11	RET #22	SUMP	-		
DN 11-15	T7 10+71.4	-2.6	SP-5	433.05	(SE) 430.34				8" PVC	22.8	DN 11-16	SQ. GRATE		-		
DN 11-16	T7 10+67.6	19.9	SP-5	435.75	(S) 430.18	(NW) 430.23			8" PVC	39.8	DN 11-11	SQ. GRATE		YES		
ES 12-1					417.20				24" RCP	123.0	DN 12-2				CLASS VRCP, INSTALL BY JACK AND BORE METHODS	
DN 12-1	H10 122+53.2	-12.0	T	421.75	(W) 417.60	(E) 417.74			15" SICPP	51.8	DN 12-2	Par11PCB	FORMED	YES		

- NOTES:
1. IN ORDER TO HELP LOCATE THE DRAINAGE STRUCTURES ON THE PLANS, D.S. NUMBERS SHALL BE INTERPRETED AS FOLLOWS:

D.S. NO. XX - XX

STRUCTURE NUMBER

DRAWING NUMBER
2. THE OFFSET GIVEN IS THE APPROXIMATE DISTANCE FROM THE STATION LINE TO THE CENTER OF THE GRATE FOR DRAINAGE INLETS, CENTER OF THE COVER FOR MH'S, AND THE END OF THE PIPE FOR END SECTIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE PROPER LOCATION OF EACH STRUCTURE AND GRATE PRIOR TO INSTALLATION.

3. THE DESIGN T.O.G. ELEVATION IS GIVEN FOR ESTIMATE PURPOSES ONLY. THE CONTRACTOR SHALL VERIFY THE FINAL ELEVATION IN THE FIELD. FOR D.S. LOCATED AGAINST CURB, T.O.G. ELEVATION IS AT THE FACE OF CURB. FOR ALL OTHER LOCATIONS, THE T.O.G. ELEVATION IS TO THE CENTER OF THE GRATE/ MANHOLE.

4. REFER TO STANDARD SHEET 604-02 FOR FORMED INVERT AND SCOOP DETAILS.

5. SHIELDS AND SHORING COLUMN (S&S) IS INTENDED TO IDENTIFY LOCATIONS WHERE S&S IS REQUIRED BASED ON THE DEPTH OF STRUCTURE OR OUTLET PIPE AND IS NOT INTENDED TO IDENTIFY ALL LOCATIONS THAT S&S IS NECESSARY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE ACTUAL REQUIREMENT OF S&S BASED ON FIELD CONDITIONS.

6. ALL MANHOLE FRAME AND COVERS ON DRAINAGE MANHOLES SHALL BE, OR EQUIVALENT TO, EJ 1310Z1 (FRAME) AND EJ 1310A (COVER) WITH A LEGEND OF "STORM". THE ONLY EXCEPTION SHALL BE DN 13-3, WHICH SHALL HAVE A FRAME AND COVER AS DETAILED IN THE NYSDOT STANDARD SHEET 655-06.

AFFIX SEAL:
ON: 8/26/2025

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5

BL 81 SOUTHERN SECTION

CITY OF SYRACUSE

COUNTY: ONONDAGA

REGION: 03

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FIELD REVISION SHEET

DATE: 08/26/2025

1. REVISED TOG ELEVATIONS (ONS 7-2, 7-7, AND 8-3).

2. REVISED SE INVERT ELEVATION FOR DN 11-3.

CONTRACT NUMBER
D265478

DRAINAGE TABLES
(2 OF 5)

DRAWING NO. DRT-02
SHEET NO. 544R1

LaBella
Powered by partnership.

NEW YORK
STATE OF
OPPORTUNITY.
Department of
Transportation

DRAINAGE STRUCTURE TABLE																
D.N. NO. (NOTE 1)	STATION	OFFSET (NOTE 2)	D.S. TYPE	DESIGN T.O.G. ELEV. (NOTE 3)	INVERT ELEVATIONS				D.S. OUTLET PIPE SIZE AND TYPE	D.S. OUTLET PIPE LENGTH	CONNECT TO D.N.	FRAME / GRATE TYPE	FORMED INVERT OR SCOOP (NOTE 4)	SHIELDS AND SHORING (NOTE 5)	COMMENTS	
DN 12-2	H20 122+57.3	-24.1	L	421.90	(N) 401.00	(E) 416.57	(S) 401.00	(W) 416.13	3249RC HOR.	351.7	DN 12-4	FRAME & COVER	FORMED	YES		
DN 12-3	H20 124+54.7	-15.0	T	424.60	(N) 420.47				15" SICPP	69.5	DN 12-8	RET #16	SCOOP	YES		
DN 12-4	H10 126+29.3	-25.5	H	423.25	(N) 400.29	(E) 410.48	(S) 400.30	(S) 417.36	3249RC HOR.	228.8	DN 13-3	FRAME & COVER	FORMED	YES		
DN 12-5	S74 10+57.9	6.0	T	426.43	(N) 421.11	(S) 421.21			15" SICPP	36.3	DN 12-6	RET #16	FORMED	YES		
DN 12-6	S74 10+57.6	-33.0	T	425.40	(NW) 416.54	(S) 420.60			15" SICPP	139.8	DN 12-4	RET #16	FORMED	YES		
DN 12-8	H20 125+23.4	-12.9	U	423.37	(N) 418.66	(S) 418.70			15" SICPP	82.7	DN 12-11	RET #22	SCOOP	YES		
DN 12-9	RA 2+02.0	-16.5	T	423.76	(N) 418.54	(W) 418.64			15" SICPP	35.6	DN 12-4	RET #16	FORMED	YES		
DN 12-10	RA 1+83.9	-16.5	U	423.45	(E) 418.74				15" SICPP	20.8	DN 12-9	RET #22	SCOOP	YES		
DN 12-11	H20 126+01.3	-16.5	U	422.71	(N) 417.90	(S) 418.00			15" SICPP	114.5	DN 12-12	RET #22	FORMED	YES		
DN 12-12	H10 127+18.0	-21.8	U	418.57	(N) 413.52	(S) 413.90			15" SICPP	89.1	DN 13-2	RET #22	FORMED	YES		
DN 12-13	H10 122+56.7	16.5	SP-5	423.14	(W) 418.00	(N) 420.00	(SE) 418.61		8" PVC	27.5	DN 12-1	SQ. GRATE		YES		
DN 12-14	T7 13+99.0	-12.0	SP-5	421.59	(NW) 418.88				8" PVC	55.3	DN 12-13	SQ. GRATE		-		
DN 12-15	T7 15+05.9	-19.1	SP-5	427.38	(S) 424.66				8" PVC	60.6	DN 12-13	SQ. GRATE		-		
DN 12-16	T7 15+03.5	19.3	A	431.00	(N) 425.21				15" SICPP	160.1	DN 12-5	RET #3	SCOOP	YES		
DN 13-1	H20 128+10.7	-12.0	T	413.60	(E) 407.51				15" SICPP	36.4	DN 13-2	RET #16	SCOOP	YES		
DN 13-2	H10 128+08.1	-21.6	4' Opt Rd	413.93	(NE) 407.29	(S) 409.18	(W) 407.36	(E) 407.42	15" SICPP	64.9	DN 13-3	RET #11	FORMED	YES		
DN 13-3	H10 128+55.3	29.1	SS	413.65	(N) 399.82	(E) 403.68	(S) 399.84	(SW) 403.78	(W)399.64	3249RC HOR.	128.0	DN 13-4	FRAME & COVER	---	YES	STORMWATER CONTROL STRUCTURE, SEE DETAILS. CONNECT TO SA-MH-B-2 W/15 LF OF 15" PVC PIPE.
DN 13-4	H10 129+00.2	30.0	L	412.80	(N) 399.50	(S) 398.57			3249RC HOR.	6.0	DN 13-4	FRAME & COVER	---	YES		
DN 13-5	S70 12+75.3	15.0	T	414.75	(W) 405.25	(N) 409.47			15" SICPP	8.6	DN 13-3	RET #16	FORMED	YES		
DN 13-6	S70 12+76.4	-15.0	T	414.32	(S) 409.58				15" SICPP	24.5	DN 13-5	RET #16	SCOOP			
DN 13-7	H10 127+99.0	19.8	U	415.2	(N) 407.61				15" SICPP	39.1	DN 13-2	RET #22	SCOOP			
DN 15-1	S71 5+56.6	12.0	EXST.													CLEAN STRUCTURE, ITEM 621.04
DN 15-2	S71 5+46.0	-12.0	CITY	401.5	(S) 398.50							RET #22	SUMP			NEW INLET ON EXISTING LATERAL
DN 15-3	S80 18+69.8	-10.0	EXST.													CLEAN STRUCTURE, ITEM 621.04
DN 15-4	S80 18+69.2	10.0	EXST.													CLEAN STRUCTURE, ITEM 621.04
DN 16-1	T10 1+09.9	5.6	A	399.05	(N) 395.07				15" SICPP	51.2	DN 16-2	RET #3	SCOOP	-		
DN 16-2	T10 1+06.9	-48.6	A	398.85	(W) 394.67	(S) 394.72			15" SICPP	35.6	DN 16-3	RET #3	FORMED	YES		
DN 16-3	T10 0+73.9	-50.0	A	398.96	(W) 394.45	(E) 394.50			15" SICPP	43.8	DN 16-4	RET #3	FORMED	YES		
DN 16-4	T10 0+26.7	-54.0	MH 48	399	389.20	+/-						FRAME & COVER	FORMED	YES		INSTALL NEW MANHOLE ON EXISTING SEWER.
DN 18-1	S74 12+29.5	33.4	EXST.	447.91								---	---			ADJUST FRAME & GRATE TO PROPOSED GRADE
DN 18-2	S74 12+76.8	12.7	EXST.	449								---	---			ADJUST FRAME & GRATE TO PROPOSED GRADE
DN 18-3	S74 12+78.4	-14.0	EXST.	449.13					---	---	---	---	---			ADJUST FRAME & GRATE TO PROPOSED GRADE
DN 18-4	S74 14+38.5	-14.9	EXST.	461.6					---	---	---	---	---			ADJUST FRAME & GRATE TO PROPOSED GRADE
DN 18-5	S74 14+38.9	13.5	EXST.	461.41					---	---	---	---	---			ADJUST FRAME & GRATE TO PROPOSED GRADE
DN 18-6	S74 15+59.2	34.3	EXST.	470.91					---	---	---	---	---			CLEAN STRUCTURE, ITEM 621.04
DN 18-7	S74 16+06.3	12.7	EXST.	473.17								---	---			CLEAN STRUCTURE, ITEM 621.04
DN 19-1	S74 18+81.1	37.1	CITY	498.00	(E) 494.31				10" PVC	20.0	---	RET #22	SUMP	-		CONNECT TO EXISTING LATERAL PIPE
DN 19-2	S74 18+81.7	-37.4	CITY	498.04	(SE) 494.35				10" PVC	30.0	---	RET #22	SUMP	-		CONNECT TO EXISTING LATERAL PIPE

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D.S. NO. XX - XX

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STRUCTURE NUMBER

DRAWING NUMBER
2. THE OFFSET GIVEN IS THE APPROXIMATE DISTANCE FROM THE STATION LINE TO THE CENTER OF THE GRATE FOR DRAINAGE INLETS, CENTER OF THE COVER FOR MH'S, AND THE END OF THE PIPE FOR END SECTIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE PROPER LOCATION OF EACH STRUCTURE AND GRATE PRIOR TO INSTALLATION.

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4. REFER TO STANDARD SHEET 604-02 FOR FORMED INVERT AND SCOOP DETAILS.

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AFFIX SEAL:
ON: 8/26/2025

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5

BL 81 SOUTHERN SECTION

CITY OF SYRACUSE

COUNTY: ONONDAGA

REGION: 03

PIN 3501.94

UTILITY QUALITY LEVEL B
UNLESS OTHERWISE NOTED

BRIDGES
XXXXXXX
XXXXXXX

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

DRAINAGE TABLES
(3 OF 5)

CONTRACT NUMBER
D265478

DRAWING NO. DRT-03
SHEET NO. 545R1

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

LaBella
Powered by partnership.

NEW YORK
STATE OF
OPPORTUNITY.

Department of
Transportation

DRAINAGE STRUCTURE TABLE															
D.N. NO. (NOTE 1)	STATION	OFFSET (NOTE 2)	D.S. TYPE	DESIGN T.O.G. ELEV. (NOTE 3)	INVERT ELEVATIONS				D.S. OUTLET PIPE SIZE AND TYPE	D.S. OUTLET PIPE LENGTH	CONNECT TO D.N.	FRAME / GRATE TYPE	FORMED INVERT OR SCOOP (NOTE 4)	SHIELDS AND SHORING (NOTE 5)	COMMENTS
DN 19-3	IRVING		EXIST.	498.00											ADJUST FRAME & GRATE TO PROPOSED GRADE
DN 21-1	R1 21+49.8	-3.1	MH 48	436.24	(S) 427.17	(E) 427.53			24" SICPP	37.3	SA-MH-D2	FRAME & COVER	FORMED	YES	INSTALL NEW MANHOLE AND CONNECT TO NEW SANITARY MANHOLE.
DN 21-2	R1 21+16.4	-17.0	EXIST.	436.30	(S) 429.88				10" PVC	32.0				YES	CONNECT TO NEW STORM SEWER WITH CORED FITTING.
DN 21-3	R1 21+39.7	-26.0	EXIST.	436.86					10" PVC	20.0	EXMH			YES	CONNECT TO NEW SAN. SEWER WITH CORED FITTING.
DN 21-4	R1 21+89.9	17.7	EXIST.	436.44					10" PVC	18.0				YES	CONNECT TO NEW STORM SEWER WITH CORED FITTING. ADJUST FRAME & GRATE.
DN 21-5			EXIST.						10" PVC	17.0	SAN				CONNECT TO NEW SAN. SEWER WITH CORED FITTING.
DN 21-6			EXIST.						10" PVC	6.0	SAN				CONNECT TO NEW SAN. SEWER WITH CORED FITTING.
DN 21-7			EXIST.						10" PVC	20.0	ST				CONNECT TO NEW STORM SEWER WITH CORED FITTING. ADJUST FRAME & GRATE.
DN 22-1	R1 22+58.6	-17.0	EXIST.	436.37	433.40				10" PVC	16.0				-	CONNECT TO NEW STORM SEWER WITH CORED FITTING. ADJUST FRAME & GRATE.
DN 22-2	R1 22+59.1	-3.3	MH 48	436.70	(W) 428.85	(E) 428.95			24" SICPP	105.5	21-1	FRAME & COVER	FORMED	YES	
DN 22-3	R1 25+22.3	-18.0	CITY	439.91	437.00				10" PVC	14.0		RET #22	SUMP	-	CONNECT TO NEW STORM SEWER WITH CORED FITTING.
DN 22-4	R1 25+96.3	-17.0	EXIST.	442.47	438.25				10" PVC	13.5	22-5			YES	CONNECT TO NEW STORM MH, LATERAL
DN 22-5	R1 25+94.9	-0.6	MH 48	442.74	(W) 434.40	437.00	437.05		15" SICPP	116.6	4-3	FRAME & COVER	FORMED	YES	
DN 22-6	R1 25+96.3	17.0	EXIST.	442.44	438.18				10" PVC	14.6	22-5			YES	CONNECT TO NEW STORM MH, LATERAL
DN 22-7	S77 6+12.1	-15.0	CITY	460.78	456.21				10" PVC	13.3		RET #22	SUMP	YES	CONNECT TO NEW COMBINED SEWER MANHOLE
DN 22-8	S77 6+14.4	18.0	CITY	460.72	456.24				10" PVC	22.0		RET #22	SUMP	YES	CONNECT TO NEW COMBINED SEWER MANHOLE
DN 23-1	R1 29+05.0	-18.0	EXIST.						8" PVC	52.0	SAN MH				CONNECT TO NEW SAN MH WITH INSIDE DROP
DN 23-2	R1 29+05.0	18.0	EXIST.						8" PVC	24.0	SAN MH				CONNECT TO NEW SAN MH WITH INSIDE DROP
DN 23-3	R1 29+85.0	18.0	EXIST.						8" PVC	21.0	SAN MH				CONNECT TO NEW SAN MH WITH INSIDE DROP
DN 23-4	S77 2+09.0	18.0	EXIST.						8" PVC	6.0	SAN.				CONNECT TO NEW SAN SEWER, LATERAL

AFFIX SEAL:
ON: 8/26/2025



ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5

BL 81 SOUTHERN SECTION

CITY OF SYRACUSE

COUNTY: ONONDAGA

REGION: 03

PIN 3501.94

UTILITY QUALITY LEVEL B
UNLESS OTHERWISE NOTED

BRIDGES
XXXXXXX
XXXXXXX

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

DRAINAGE TABLE
(4 OF 5)

CONTRACT NUMBER
D265478

DRAWING NO. DRT-04
SHEET NO. 546R1

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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 **NEW YORK**
STATE OF
OPPORTUNITY.

**Department of
Transportation**

NOTES:

1.

IN ORDER TO HELP LOCATE THE DRAINAGE STRUCTURES ON THE PLANS, D.S. NUMBERS SHALL BE INTERPRETED AS FOLLOWS:

D.S. NO. XX - XX

↑

STRUCTURE NUMBER

↑

DRAWING NUMBER
2.

THE OFFSET GIVEN IS THE APPROXIMATE DISTANCE FROM THE STATION LINE TO THE CENTER OF THE GRATE FOR DRAINAGE INLETS, CENTER OF THE COVER FOR MH'S, AND THE END OF THE PIPE FOR END SECTIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE PROPER LOCATION OF EACH STRUCTURE AND GRATE PRIOR TO INSTALLATION.
3.

THE DESIGN T.O.G. ELEVATION IS GIVEN FOR ESTIMATE PURPOSES ONLY. THE CONTRACTOR SHALL VERIFY THE FINAL ELEVATION IN THE FIELD. FOR D.S. LOCATED AGAINST CURB, T.O.G. ELEVATION IS AT THE FACE OF CURB. FOR ALL OTHER LOCATIONS, THE T.O.G. ELEVATION IS TO THE CENTER OF THE GRATE/ MANHOLE.
4.

REFER TO STANDARD SHEET 604-02 FOR FORMED INVERT AND SCOOP DETAILS.
5.

SHIELDS AND SHORING COLUMN (S&S) IS INTENDED TO IDENTIFY LOCATIONS WHERE S&S IS REQUIRED BASED ON THE DEPTH OF STRUCTURE OR OUTLET PIPE AND IS NOT INTENDED TO IDENTIFY ALL LOCATIONS THAT S&S IS NECESSARY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE ACTUAL REQUIREMENT OF S&S BASED ON FIELD CONDITIONS.
6.

ALL MANHOLE FRAME AND COVERS ON DRAINAGE MANHOLES SHALL BE, OR EQUIVALENT TO, EJ 1310Z1 (FRAME) AND EJ 1310A (COVER) WITH A LEGEND OF "STORM". THE ONLY EXCEPTION SHALL BE DN 13-3, WHICH SHALL HAVE A FRAME AND COVER AS DETAILED IN THE NYSDOT STANDARD SHEET 655-06.

FILE NAME : ...\\Plonset\\350194_cph_drt.dgn
DATE/TIME : 8/26/2025
USER : LBA

DESIGN SUPERVISOR W. DALEY, P.E.

JOB MANAGER C. ECKLUND, P.E.

DESIGN C. ECKLUND, P.E.

CHECK W. DALEY, P.E.

DRAFTING B. DEHAAN

CHECK C. ECKLUND, P.E.

PROJECT MANAGER L. GOSSELIN, P.E.

DRAINAGE ITEMS	
ITEM	DESCRIPTION
603.171216	GALVANIZED STEEL END SECTIONS - PIPE (2-2/3" X 1/2" CORRUGATIONS) 18 INCH DIAMETER, 16 GAUGE
603.171416	GALVANIZED STEEL END SECTIONS - PIPE (2-2/3" X 1/2" CORRUGATIONS) 24 INCH DIAMETER, 16 GAUGE
603.171614	GALVANIZED STEEL END SECTIONS-PIPE (2-2/3" X 1/2"CORRUGATIONS) 30 INCH DIAMETER, 14 GAUGE
603.6002	REINFORCED CONCRETE PIPE CLASS III, 15 INCH DIAMETER
603.6205	REINFORCED CONCRETE PIPE CLASS V, 24 INCH DIAMETER
603.6804	REINFORCED CONCRETE HORIZONTAL ELLIPTICAL PIPE, CLASS HEIV 24" RISE, 38" SPAN
603.6805	REINFORCED CONCRETE HORIZONTAL ELLIPTICAL PIPE, CLASS HEIV 27" RISE, 42" SPAN
603.6807	REINFORCED CONCRETE HORIZONTAL ELLIPTICAL PIPE, CLASS HEIV 32" RISE, 49" SPAN
603.7302	REINFORCED CONCRETE PIPE END SECTIONS 15 INCH DIAMETER
603.7305	REINFORCED CONCRETE PIPE END SECTIONS 24 INCH DIAMETER
603.98100804	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 8" DIAMETER
603.98101004	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 10" DIAMETER
603.98101204	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 12" DIAMETER
604.98101504	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 15" DIAMETER
603.9815	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 15 INCH DIAMETER
603.9818	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 18 INCH DIAMETER
603.9824	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 24 INCH DIAMETER
604.0703XX	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES
604.07210008	RESETTING EXISTING DRAINAGE FRAMES ON EXISTING DRAINAGE STRUCTURES
604.07260011	CONNECTION TO EXISTING DRAINAGE FACILITIES
604.1300001	ABANDONING DRAINAGE STRUCTURES
604.300103	RECTANGULAR DRAINAGE STRUCTURE TYPE A FOR #3 WELDED FRAME
604.300691	RECTANGULAR DRAINAGE STRUCTURE TYPE F FOR PARALLEL BAR #11PCB FRAME
604.300832	RECTANGULAR DRAINAGE STRUCTURE TYPE H FOR ROUND MANHOLE FRAME
604.301232	RECTANGULAR DRAINAGE STRUCTURE TYPE L FOR ROUND MANHOLE FRAME
604.301911	RECTANGULAR DRAINAGE STRUCTURE TYPE S FOR #11 WELDED FRAME
604.302016	RECTANGULAR DRAINAGE STRUCTURE TYPE T FOR #16 WELDED FRAME
604.302091	RECTANGULAR DRAINAGE STRUCTURE TYPE T FOR PARALLEL BAR #11PCB FRAME
604.302192	RECTANGULAR DRAINAGE STRUCTURE TYPE U FOR PARALLEL BAR #12PCB FRAME
604.302122	RECTANGULAR DRAINAGE STRUCTURE TYPE U FOR #22 WELDED FRAME
	RECTANGULAR DRAINAGE STRUCTURE TYPE F WITH ROUND OPTION FOR #11 WELDED FRAME
604.310611	
604.4048	ROUND PRECAST CONCRETE MANHOLE TYPE 48
604.4060	ROUND PRECAST CONCRETE MANHOLE TYPE 60
604.4072	ROUND PRECAST CONCRETE MANHOLE TYPE 72
604.500301	SPECIAL DRAINAGE STRUCTURE
604.500302	SPECIAL DRAINAGE STRUCTURE
604.500303	SPECIAL DRAINAGE STRUCTURE
620.02	STONE FILLING (FINE)
620.03	STONE FILLING (LIGHT)
655.0902	PARALLEL BAR FRAME 11 PCB & PARALLEL BAR GRATE 11 PCB
655.0903	PARALLEL BAR FRAME 12 PCB & PARALLEL BAR GRATE 12 PCB
655.1202	MANHOLE FRAME & COVER
655.1103	WELDED FRAME AND RETICULINE GRATE 3
655.1111	WELDED FRAME AND RETICULINE GRATE 11
655.1116	WELDED FRAME AND RETICULINE GRATE 16
655.1122	WELDED FRAME AND RETICULINE GRATE 22

DRAINAGE REMOVAL / ABANDONMENT TABLE			
STATION	SIDE	LENGTH	DESCRIPTION OF WORK
H10 81+90	LT	80'	FILL PIPE WITH CLSM, ITEM 204.01
R1 24+68	RT	220'	ABANDON STRUCTURE AND OUTLET PIPE, ITEMS 604.13000011, AND 204.01
R61 11+09	LT	110'	ABANDON STRUCTURE AND OUTLET PIPE, ITEMS 604.13000011, AND 204.01
R1 22+50	RT	264'	ABANDON STRUCTURE AND OUTLET PIPE, ITEMS 604.13000011, AND 204.01
H20 82+93	LT	50'	ABANDON STRUCTURE AND OUTLET PIPE, ITEMS 604.13000011, AND 204.01
H10 85+98	LT	75'	ABANDON STRUCTURE AND OUTLET PIPE, ITEMS 604.13000011, AND 204.01
H10 86+63	RT	21'	ABANDON STRUCTURE AND OUTLET PIPE, ITEMS 604.13000011, AND 204.01
H10 89+58	LT	55'	ABANDON STRUCTURE AND OUTLET PIPE, ITEMS 604.13000011, AND 204.01
R61 17+15	LT	45'	ABANDON STRUCTURE AND OUTLET PIPE, ITEMS 604.13000011, AND 204.01
R61 17+13	RT	360'	COMPLETELY REMOVE DRAINAGE STRUCTURE & OUTLET PIPE, ITEM 206.0201
RR 25+63	LT	30'	ABANDON STRUCTURE AND PLUG OUTLET PIPE, ITEM 604.13000011
H10 122+98	LT	7'	ABANDON STRUCTURE AND PLUG OUTLET PIPE, ITEM 604.13000011
H10 123+89	RT	35'	ABANDON STRUCTURE AND OUTLET PIPE, ITEMS 604.13000011, AND 204.01
S74 10+70	LT & RT		ABANDON STRUCTURE AND PLUG OUTLET PIPE, ITEM 604.13000011
S74 10+11	LT		ABANDON STRUCTURE AND PLUG OUTLET PIPE, ITEM 604.13000011
S74 10+60	LT		ABANDON STRUCTURE AND PLUG OUTLET PIPE, ITEM 604.13000011
H20 128+23	LT	26'	COMPLETELY REMOVE DRAINAGE STRUCTURE, ITEMS 206.0201 AND 203.21
H20 128+32	LT	40'	COMPLETELY REMOVE DRAINAGE STRUCTURE, ITEMS 206.0201 AND 203.21
H10 128+29	LT	20'	COMPLETELY REMOVE DRAINAGE STRUCTURE, ITEMS 206.0201 AND 203.21
H10 128+51	RT	30'	COMPLETELY REMOVE DRAINAGE STRUCTURE, ITEMS 206.0201 AND 203.21
H10 128+83	RT	11'	COMPLETELY REMOVE DRAINAGE STRUCTURE, ITEMS 206.0201 AND 203.21

NOTE: DRAINAGE STRUCTURE AND PIPE REMOVALS INDICATED ON THE DRAINAGE PLANS THAT ARE NOT IN THIS TABLE ARE ASSUMED TO BE REMOVED UNDER OTHER ITEMS OF WORK IN THIS CONTRACT. NO SEPARATE PAYMENT WILL BE MADE FOR THOSE STRUCTURE AND PIPE REMOVALS.

END SECTION TABLE						
DRAINAGE END SECTION	STATION	OFFSET	INVERT	SIZE	TYPE	RIPRAP
ES 1-1	R60 10+47.7	33.7	473.30	18	CMP	FINE
ES 1-2	R60 13+68.9	29.6	469.48	18	CMP	FINE
ES 2-1	R60 16+93.9	29.6	466.51	18	CMP	FINE
ES 2-2	R60 19+94.0	29.6	464.21	15	RCP	FINE
ES 2-3	R60 20+08.5	33.9	464.12	24	CMP	
ES 3-1	H20 77+72.8	-53.1	452.82	18	CMP	FINE
ES 4-1	H20 83+77.3	-43.6	449.01	18	CMP	FINE
ES 5-1	H20 85+29.0	-56.3	444.25	18	CMP	FINE
ES 5-2	H20 86+40.7	-45.4	447.00	18	CMP	FINE
ES 6-1	H10 91+45.8	72.9	440.81	15	RCP	FINE
ES 6-2	H10 92+99.0	63.0	437.52	18	CMP	FINE
ES 6-3	H20 90+97.7	-32.2	440.33	18	CMP	FINE
ES 8-1	H10 102+70.0	32.5	420.50	24	CMP	FINE
ES 8-2	H10 103+35.4	40.1	419.93	30	CMP	FINE
ES 8-3	H10 104+46.0	47.8	419.28	30	CMP	LIGHT
ES 8-4	H20 104+40.3	-40.0	420.01	18	CMP	FINE
ES 8-5	H10 104+78.5	45.0	418.58	18	CMP	FINE
ES 9-1	H10 107+03.3	55.0	415.48	18	CMP	FINE
ES 9-2	H10 108+54.1	40.7	413.25	24	CMP	LIGHT
ES 12-1	RR 30+96.5	-39.4	417.12	24	RCP	

NOTE: STATION, OFFSET, AND INVERT ARE MEASURED AT THE COLLAR.

AFFIX SEAL:
ON: 8/26/2025



ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5

BL 81 SOUTHERN SECTION

CITY OF SYRACUSE

COUNTY: ONONDAGA

REGION: 03

PIN 3501.94

UTILITY QUALITY LEVEL B
UNLESS OTHERWISE NOTED

BRIDGES
XXXXXXX
XXXXXXX

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

DRAINAGE TABLES
(5 OF 5)

CONTRACT NUMBER
D265478

DRAWING NO. DRT-05
SHEET NO. 547R1

FIELD REVISION SHEET

DATE: 08/26/2025

1. CHANGED LOCATION OF END SECTION ES 5-2.

 **LaBella**
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 **NEW YORK**
STATE OF OPPORTUNITY.

Department of Transportation

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FILE NAME : ...\\Plonset\\350194_cph.drt.dgn
DATE/TIME : 6/10/2024
USER : LBA

DESIGN SUPERVISOR W. DALEY, P.E.

JOB MANAGER C. ECKLUND, P.E.

DESIGN C. ECKLUND, P.E.

CHECK W. DALEY, P.E.

DRAFTING B. DEHAAN

CHECK C. ECKLUND, P.E.

PROJECT MANAGER L. GOSSELIN, P.E.

DRAINAGE ITEMS	
ITEM	DESCRIPTION
603.171216	GALVANIZED STEEL END SECTIONS - PIPE (2-2/3" X 1/2" CORRUGATIONS) 18 INCH DIAMETER, 16 GAUGE
603.171416	GALVANIZED STEEL END SECTIONS - PIPE (2-2/3" X 1/2" CORRUGATIONS) 24 INCH DIAMETER, 16 GAUGE
603.171614	GALVANIZED STEEL END SECTIONS-PIPE (2-2/3" X 1/2" CORRUGATIONS) 30 INCH DIAMETER, 14 GAUGE
603.6002	REINFORCED CONCRETE PIPE CLASS III, 15 INCH DIAMETER
603.6205	REINFORCED CONCRETE PIPE CLASS V, 24 INCH DIAMETER
603.6804	REINFORCED CONCRETE HORIZONTAL ELLIPTICAL PIPE, CLASS HEIV 24" RISE, 38" SPAN
603.6805	REINFORCED CONCRETE HORIZONTAL ELLIPTICAL PIPE, CLASS HEIV 27" RISE, 42" SPAN
603.6807	REINFORCED CONCRETE HORIZONTAL ELLIPTICAL PIPE, CLASS HEIV 32" RISE, 49" SPAN
603.7302	REINFORCED CONCRETE PIPE END SECTIONS 15 INCH DIAMETER
603.7305	REINFORCED CONCRETE PIPE END SECTIONS 24 INCH DIAMETER
603.98100804	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 8" DIAMETER
603.98101004	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 10" DIAMETER
603.98101204	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 12" DIAMETER
604.98101504	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 15" DIAMETER
603.9815	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 15 INCH DIAMETER
603.9818	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 18 INCH DIAMETER
603.9824	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 24 INCH DIAMETER
604.0703XX	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES
604.07210008	RESETTING EXISTING DRAINAGE FRAMES ON EXISTING DRAINAGE STRUCTURES
604.07260011	CONNECTION TO EXISTING DRAINAGE FACILITIES
604.1300001	ABANDONING DRAINAGE STRUCTURES
604.300103	RECTANGULAR DRAINAGE STRUCTURE TYPE A FOR #3 WELDED FRAME
604.300691	RECTANGULAR DRAINAGE STRUCTURE TYPE F FOR PARALLEL BAR #11PCB FRAME
604.300832	RECTANGULAR DRAINAGE STRUCTURE TYPE H FOR ROUND MANHOLE FRAME
604.301232	RECTANGULAR DRAINAGE STRUCTURE TYPE L FOR ROUND MANHOLE FRAME
604.301911	RECTANGULAR DRAINAGE STRUCTURE TYPE S FOR #11 WELDED FRAME
604.302016	RECTANGULAR DRAINAGE STRUCTURE TYPE T FOR #16 WELDED FRAME
604.302091	RECTANGULAR DRAINAGE STRUCTURE TYPE T FOR PARALLEL BAR #11PCB FRAME
604.302192	RECTANGULAR DRAINAGE STRUCTURE TYPE U FOR PARALLEL BAR #12PCB FRAME
604.302122	RECTANGULAR DRAINAGE STRUCTURE TYPE U FOR #22 WELDED FRAME
	RECTANGULAR DRAINAGE STRUCTURE TYPE F WITH ROUND OPTION FOR #11 WELDED FRAME
604.310611	
604.4048	ROUND PRECAST CONCRETE MANHOLE TYPE 48
604.4060	ROUND PRECAST CONCRETE MANHOLE TYPE 60
604.4072	ROUND PRECAST CONCRETE MANHOLE TYPE 72
604.500301	SPECIAL DRAINAGE STRUCTURE
604.500302	SPECIAL DRAINAGE STRUCTURE
604.500303	SPECIAL DRAINAGE STRUCTURE
620.02	STONE FILLING (FINE)
620.03	STONE FILLING (LIGHT)
655.0902	PARALLEL BAR FRAME 11 PCB & PARALLEL BAR GRATE 11 PCB
655.0903	PARALLEL BAR FRAME 12 PCB & PARALLEL BAR GRATE 12 PCB
655.1202	MANHOLE FRAME & COVER
655.1103	WELDED FRAME AND RETICULINE GRATE 3
655.1111	WELDED FRAME AND RETICULINE GRATE 11
655.1116	WELDED FRAME AND RETICULINE GRATE 16
655.1122	WELDED FRAME AND RETICULINE GRATE 22

DRAINAGE REMOVAL / ABANDONMENT TABLE						
STATION	SIDE	LENGTH	DESCRIPTION OF WORK			
H10 81+90	LT	80'	FILL PIPE WITH CLSM, ITEM 204.01			
R1 24+68	RT	220'	ABANDON STRUCTURE AND OUTLET PIPE, ITEMS 604.13000011, AND 204.01			
R61 11+09	LT	110'	ABANDON STRUCTURE AND OUTLET PIPE, ITEMS 604.13000011, AND 204.01			
R1 22+50	RT	264'	ABANDON STRUCTURE AND OUTLET PIPE, ITEMS 604.13000011, AND 204.01			
H20 82+93	LT	50'	ABANDON STRUCTURE AND OUTLET PIPE, ITEMS 604.13000011, AND 204.01			
H10 85+98	LT	75'	ABANDON STRUCTURE AND OUTLET PIPE, ITEMS 604.13000011, AND 204.01			
H10 86+63	RT	21'	ABANDON STRUCTURE AND OUTLET PIPE, ITEMS 604.13000011, AND 204.01			
H10 89+58	LT	55'	ABANDON STRUCTURE AND OUTLET PIPE, ITEMS 604.13000011, AND 204.01			
R61 17+15	LT	45'	ABANDON STRUCTURE AND OUTLET PIPE, ITEMS 604.13000011, AND 204.01			
R61 17+13	RT	360'	COMPLETELY REMOVE DRAINAGE STRUCTURE & OUTLET PIPE, ITEM 206.0201			
RR 25+63	LT	30'	ABANDON STRUCTURE AND PLUG OUTLET PIPE, ITEM 604.13000011			
H10 122+98	LT	7'	ABANDON STRUCTURE AND PLUG OUTLET PIPE, ITEM 604.13000011			
H10 123+89	RT	35'	ABANDON STRUCTURE AND OUTLET PIPE, ITEMS 604.13000011, AND 204.01			
S74 10+70	LT & RT		ABANDON STRUCTURE AND PLUG OUTLET PIPE, ITEM 604.13000011			
S74 10+11	LT		ABANDON STRUCTURE AND PLUG OUTLET PIPE, ITEM 604.13000011			
S74 10+60	LT		ABANDON STRUCTURE AND PLUG OUTLET PIPE, ITEM 604.13000011			
H20 128+23	LT	26'	COMPLETELY REMOVE DRAINAGE STRUCTURE, ITEMS 206.0201 AND 203.21			
H20 128+32	LT	40'	COMPLETELY REMOVE DRAINAGE STRUCTURE, ITEMS 206.0201 AND 203.21			
H10 128+29	LT	20'	COMPLETELY REMOVE DRAINAGE STRUCTURE, ITEMS 206.0201 AND 203.21			
H10 128+51	RT	30'	COMPLETELY REMOVE DRAINAGE STRUCTURE, ITEMS 206.0201 AND 203.21			
H10 128+83	RT	11'	COMPLETELY REMOVE DRAINAGE STRUCTURE, ITEMS 206.0201 AND 203.21			

NOTE: DRAINAGE STRUCTURE AND PIPE REMOVALS INDICATED ON THE DRAINAGE PLANS THAT ARE NOT IN THIS TABLE ARE ASSUMED TO BE REMOVED UNDER OTHER ITEMS OF WORK IN THIS CONTRACT. NO SEPARATE PAYMENT WILL BE MADE FOR THOSE STRUCTURE AND PIPE REMOVALS.

END SECTION TABLE						
DRAINAGE END SECTION	STATION	OFFSET	INVERT	SIZE	TYPE	RIPRAP
ES 1-1	R60 10+47.7	33.7	473.30	18	CMP	FINE
ES 1-2	R60 13+68.9	29.6	469.48	18	CMP	FINE
ES 2-1	R60 16+93.9	29.6	466.51	18	CMP	FINE
ES 2-2	R60 19+94.0	29.6	464.21	15	RCP	FINE
ES 2-3	R60 20+08.5	33.9	464.12	24	CMP	
ES 3-1	H20 77+72.8	-53.1	452.82	18	CMP	FINE
ES 4-1	H20 83+77.3	-43.6	449.01	18	CMP	FINE
ES 5-1	H20 85+29.0	-56.3	444.25	18	CMP	FINE
ES 5-2	H20 87+27.5	-39.3	446.37	18	CMP	FINE
ES 6-1	H10 91+45.8	72.9	440.81	15	RCP	FINE
ES 6-2	H10 92+99.0	63.0	437.52	18	CMP	FINE
ES 6-3	H20 90+97.7	-32.2	440.33	18	CMP	FINE
ES 8-1	H10 102+70.0	32.5	420.50	24	CMP	FINE
ES 8-2	H10 103+35.4	40.1	419.93	30	CMP	FINE
ES 8-3	H10 104+46.0	47.8	419.28	30	CMP	LIGHT
ES 8-4	H20 104+40.3	-40.0	420.01	18	CMP	FINE
ES 8-5	H10 104+78.5	45.0	418.58	18	CMP	FINE
ES 9-1	H10 107+03.3	55.0	415.48	18	CMP	FINE
ES 9-2	H10 108+54.1	40.7	413.25	24	CMP	LIGHT
ES 12-1	RR 30+96.5	-39.4	417.12	24	RCP	

NOTE: STATION, OFFSET, AND INVERT ARE MEASURED AT THE COLLAR.

AFFIX SEAL:
ON: 6/10/2024



ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5

BL 81 SOUTHERN SECTION

CITY OF SYRACUSE

COUNTY: ONONDAGA

REGION: 03

PIN 3501.94

UTILITY QUALITY LEVEL B
UNLESS OTHERWISE NOTED

BRIDGES
XXXXXXX
XXXXXXX

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

DRAINAGE TABLES
(5 OF 5)

CONTRACT NUMBER
D265478

DRAWING NO. DRT-05
SHEET NO. 547

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

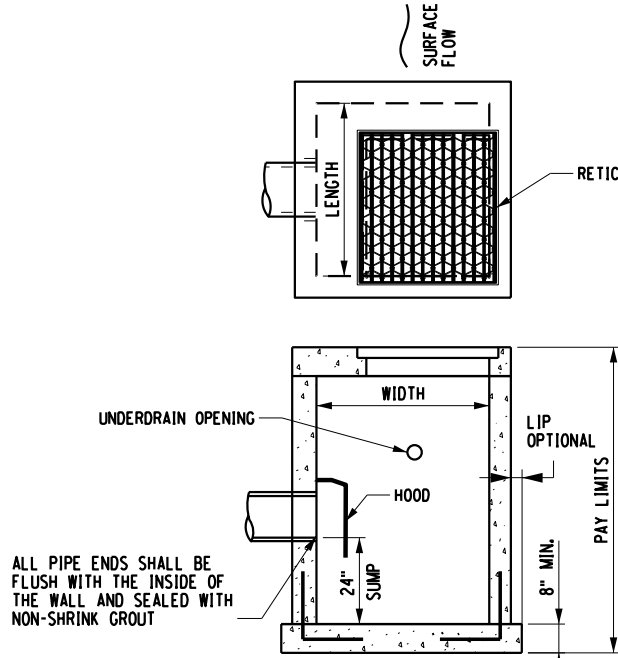
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 **NEW YORK**
STATE OF OPPORTUNITY.

Department of Transportation

FILE NAME : ...\\Planset\\350194_cph.drn.dwg
DATE/TIME : 3/29/2024
USER : LBA

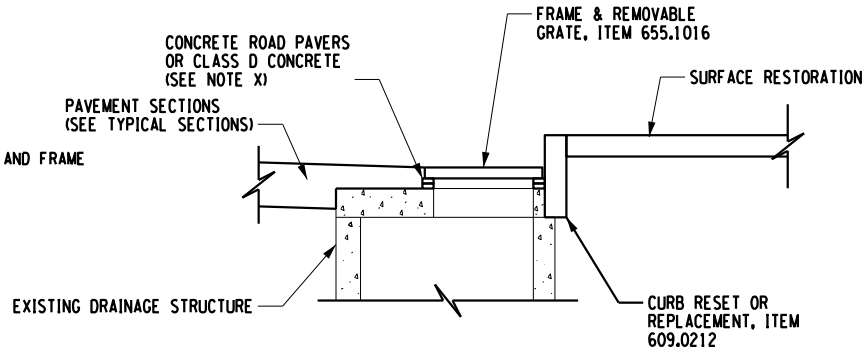
DESIGN SUPERVISOR W. DALEY, P.E. JOB MANAGER C. ECKLUND, P.E. DESIGN C. ECKLUND, P.E. CHECK W. DALEY, P.E. DRAFTING B. DEHAAN CHECK C. ECKLUND, P.E. PROJECT MANAGER L. GOSSELIN, P.E.



- NOTES:
- STRUCTURE SHALL BE INSTALLED SO THAT GRATE LENGTH IS PARALLEL TO THE SURFACE FLOW.
 - LATERAL PIPE SHALL BE 10-INCH DIAMETER SDR-35 PVC UNLESS OTHERWISE STATED IN THE PLANS.
 - LATERAL CONNECTIONS TO EXISTING LATERALS SHALL BE MADE BY APPROPRIATELY SIZED BANDED COUPLINGS. COST OF THE COUPLINGS AND INSTALLATION SHALL BE INCLUDED IN THE PRICE BID FOR LATERAL PIPE.
 - PROVIDE NYSDOT TYPE F INLET STRUCTURE WITH #22 RETICULINE GRATE.
 - CAST IRON HOOD REQUIRED, (EJ 5954-10 FOR 10-INCH LATERAL, OR APPROVED EQUAL). COST OF HOOD TO BE INCLUDED IN THE PRICE BID FOR ITEM 604.500301.
 - USE INSERT TYPE TEE FOR CONNECTIONS TO NEW OR EXISTING SEWER MAINS.

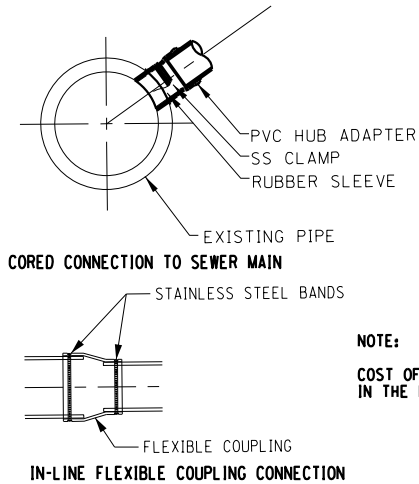
**CITY DRAINAGE INLET
SPECIAL DRAINAGE STRUCTURE, ITEM 604.500301**

SHOWN WITH WELDED FRAME, SUMP, HOOD,
AND INTEGRAL FLOOR SLAB.



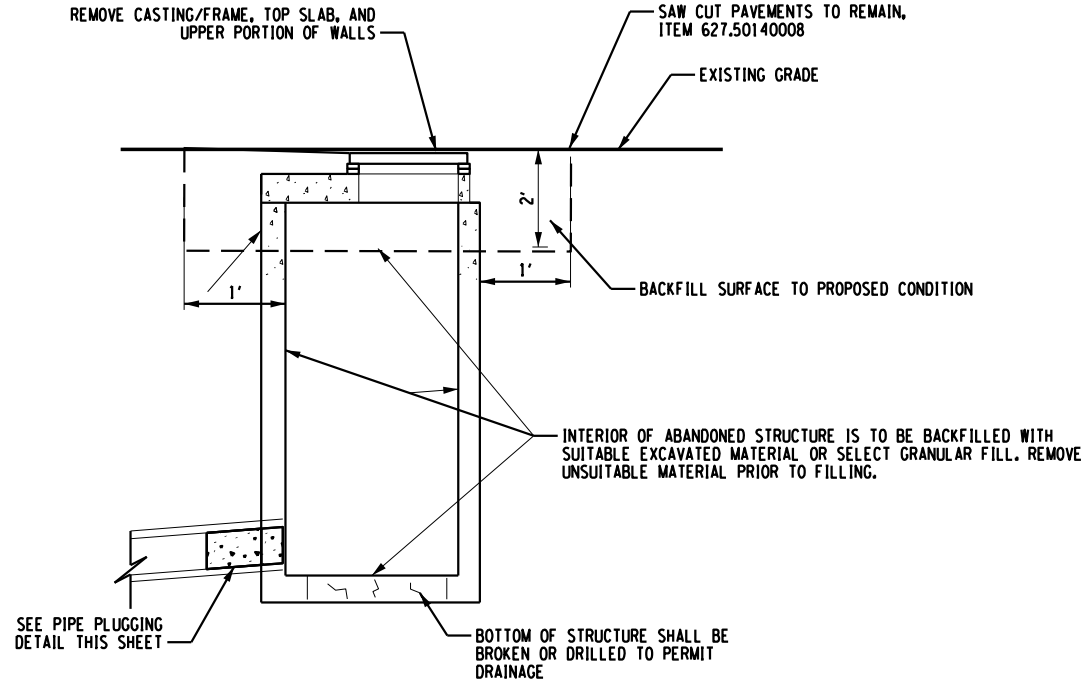
- NOTES:
- SEE DRAINAGE TABLE FOR LOCATIONS AND T.O.G. OF DRAINAGE STRUCTURES TO BE ADJUSTED.
 - FIELD VERIFY LENGTHS AND ELEVATIONS PRIOR TO FABRICATION.
 - THE UNIT PRICE BID FOR THIS ITEM SHALL INCLUDE THE COST OF REMOVAL AND RESETTING OF THE FRAME, CLEANING EXISTING CATCH BASIN OR MANHOLE, DISPOSING ALL DEBRIS, EXCAVATION AND BACKFILL, AND FURNISHING ALL LABOR, MATERIAL AND EQUIPMENT NECESSARY TO COMPLETE THE WORK.
 - FOR ALL DRAINAGE STRUCTURE ADJUSTMENTS, A MAXIMUM OF 6" OF PRECAST CONCRETE PAVERS AND MORTAR FOR CONCRETE, OR A MAXIMUM OF 2" OF MORTAR FOR CONCRETE ALONE, OR RECYCLED RUBBER RINGS, APPROVED BY THE ENGINEER, AND INSTALLED PER MANUFACTURER INSTRUCTIONS, TO A MAXIMUM OF 3", OR ALTERNATE GRADE ADJUSTMENT DEVICES APPROVED BY THE ENGINEER, SHALL BE USED FOR TOP SLAB AND/OR FRAME AND GRATE ADJUSTMENT. FOR ADJUSTMENTS OVER 6" AND NOT TO EXCEED 12", CAST IN-PLACE CONCRETE OR A PRECAST CONCRETE ADJUSTMENT ELEMENT SHALL BE USED. A MAXIMUM OF 2" OF MORTAR FOR CONCRETE SHALL BE ALLOWED ON BOTH THE TOP AND BOTTOM OF THE PRECAST DEVICES.
 - DRAINAGE STRUCTURE/Frames AND GRATES SHALL BE CONSTRUCTED TO FINAL GRADE WITH CONSIDERATION OF ALL CONSTRUCTION STAGES AND PAVING OPERATIONS. THERE WILL BE NO ADDITIONAL PAYMENT FOR ANY NECESSARY INTERMEDIATE OR FINAL ADJUSTMENTS.

**FRAME AND GRATE ADJUSTMENT DETAIL
ITEM 604.070315**



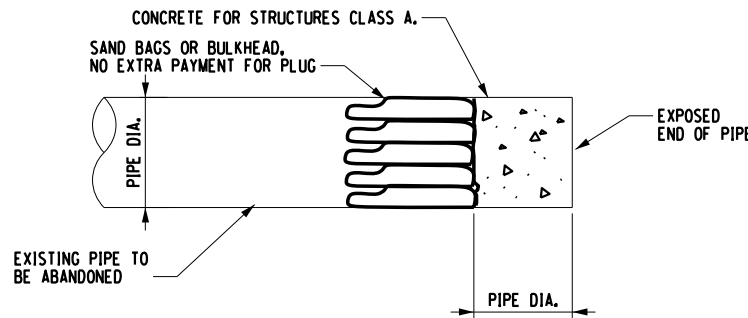
NOTE:
COST OF THESE CONNECTIONS ARE TO BE INCLUDED
IN THE PRICE BID FOR ITEM 604.07260011.

CONNECTIONS TO EXISTING PIPE



NOTE: THE ENTIRE STRUCTURE MAY BE REMOVED AT THE DISCRETION OF THE CONTRACTOR AND WITH THE APPROVAL OF THE ENGINEER. NO PAYMENT WILL BE MADE FOR ADDITIONAL EXCAVATION OR BACKFILL.

**DRAINAGE STRUCTURE ABANDONMENT DETAIL
ITEM 604.13000011
NOT TO SCALE**



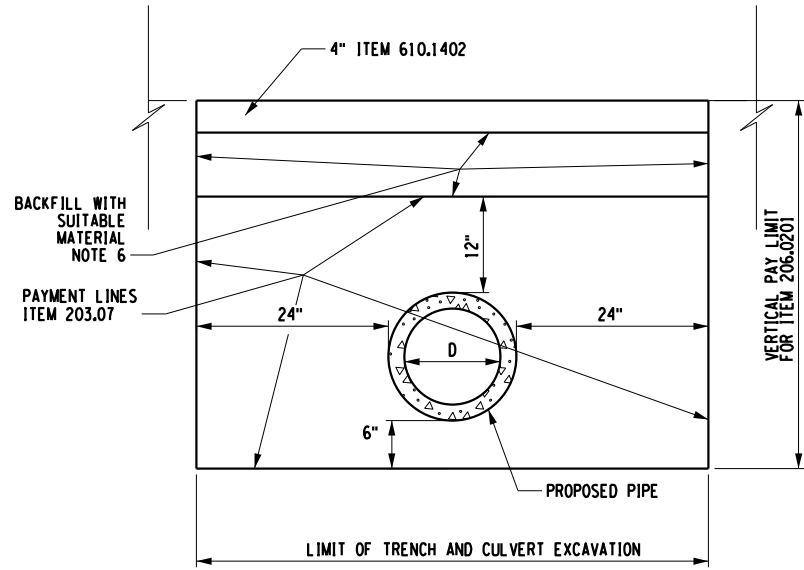
**PIPE PLUGGING DETAIL
NOT TO SCALE**

AFFIX SEAL: ON:	ALTERED BY: ON:

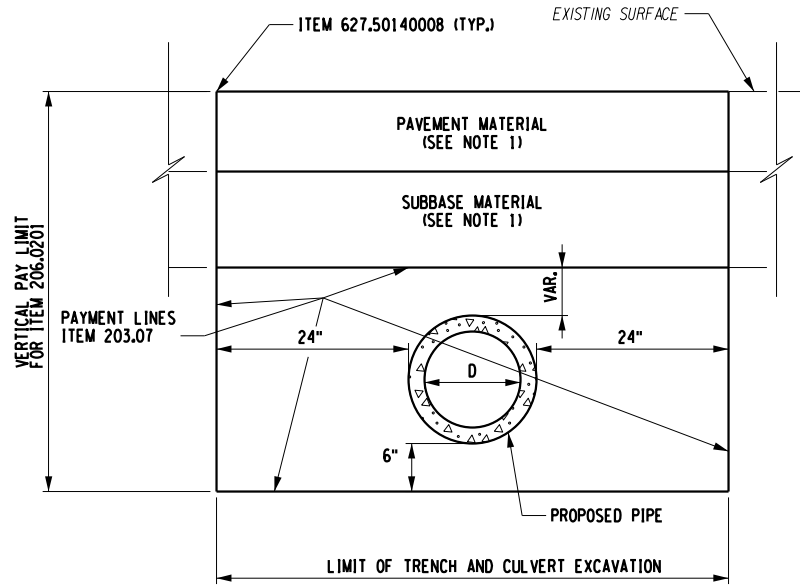
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5	PIN 3501.94	BRIDGES xxxxxxx xxxxxxx	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
	BL 81 SOUTHERN SECTION	UTILITY QUALITY LEVEL B UNLESS OTHERWISE NOTED			DRAINAGE DETAILS	DRAWING NO. DD-01
	CITY OF SYRACUSE					SHEET NO. 548
	COUNTY: ONONDAGA REGION: 03					
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						
			LaBella Powered by partnership.		Department of Transportation	

FILE NAME : ...\\Planset\\350194_cph.drn.det.dgn
DATE/TIME : 3/29/2024
USER : LBA

DESIGN SUPERVISOR **W. DALEY, P.E.** JOB MANAGER **C. ECKLUND, P.E.** DESIGN **C. ECKLUND, P.E.** CHECK **W. DALEY, P.E.** DRAFTING **B. DEHAAN** CHECK **C. ECKLUND, P.E.** PROJECT MANAGER **L. GOSSELIN, P.E.**

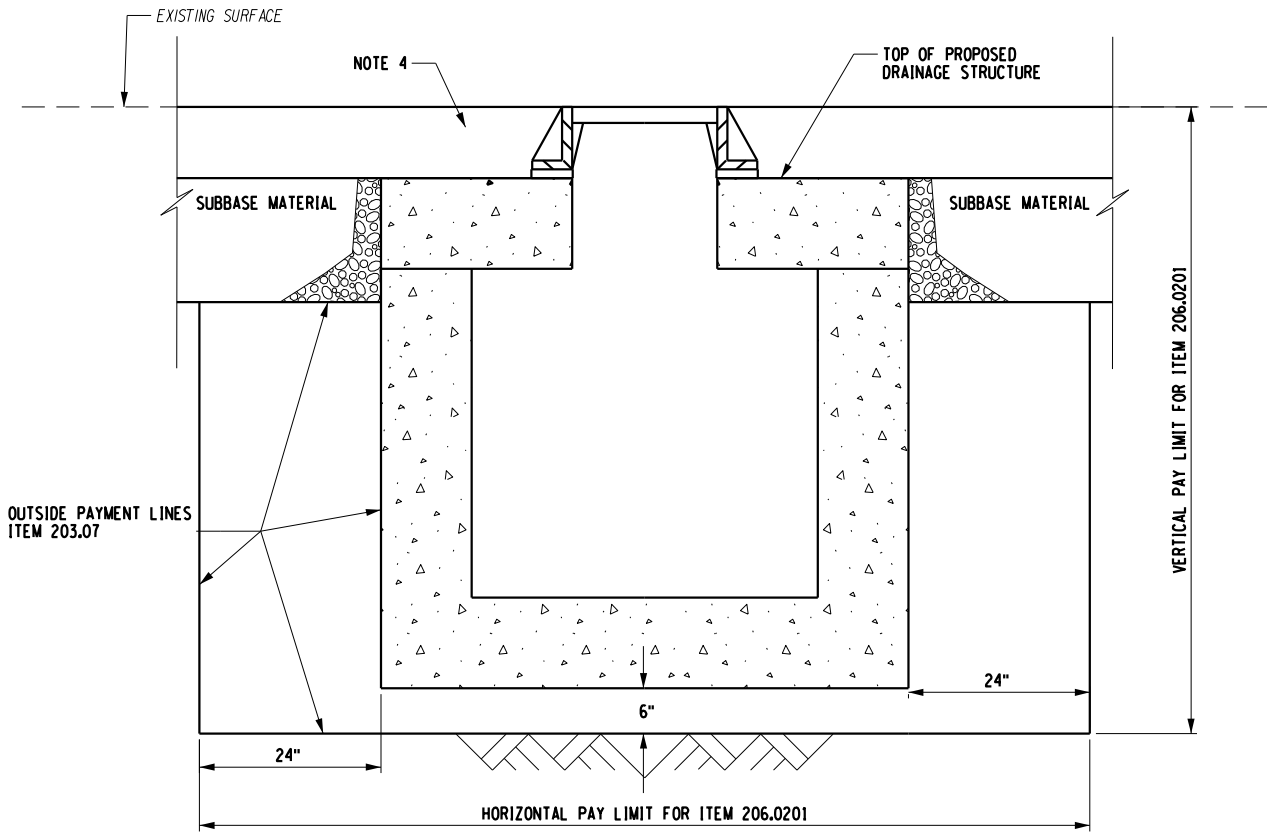


**DRAINAGE PIPE INSTALLATION DETAIL
UNDER GRASS**

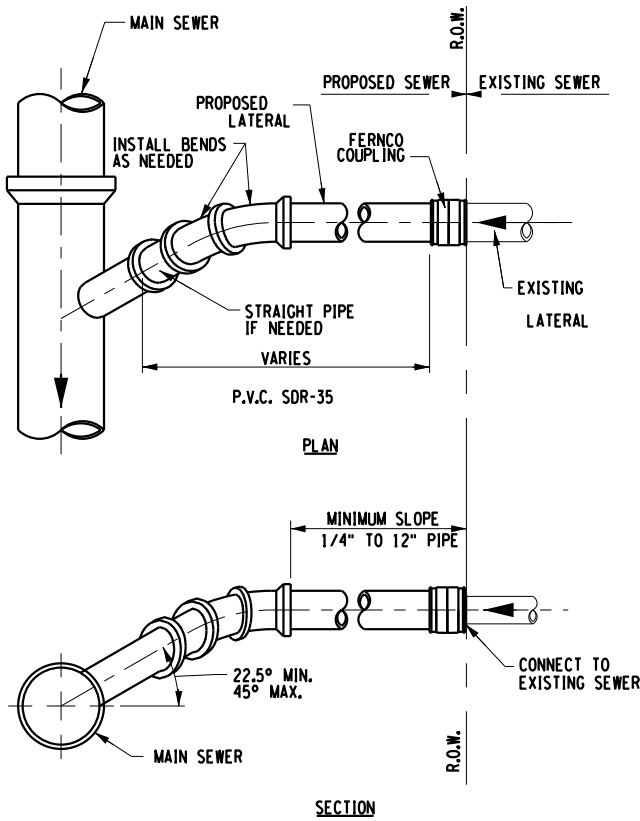


**DRAINAGE PIPE INSTALLATION DETAIL
UNDER PAVEMENT**

- NOTES:
1. THE PAVEMENT MATERIAL DEPTHS FOR PIPE PLACED OUTSIDE OF MILL AND OVERLAY AREAS SHALL MATCH THE EXISTING PAVEMENT SECTION, INCLUDING SUBBASE MATERIAL DEPTHS. FOR PIPE LOCATIONS IN THE MILL AND OVERLAY AREAS, CONTRACTOR SHALL MATCH EXISTING SUBBASE, BASE, AND BINDER COURSE THICKNESSES WITH THE TOP COURSE DEPTH AS REQUIRED BY THE PROFILE AND TYPICAL SECTIONS.
 2. SEE THE DRAINAGE STRUCTURE TABLE ON MST-2 FOR PIPE INSTALLATION LOCATIONS, DIAMETERS, MATERIAL, AND INVERT ELEVATIONS.
 3. ALL PIPE IS BEING INSTALLED IN THE SAME LOCATION AS EXISTING PIPE. THE COST TO REMOVE EXISTING PIPES AND DRAINAGE STRUCTURES SHALL BE INCLUDED IN ITEM 206.0201.
 4. SEE DRAINAGE PIPE INSTALLATION DETAILS (THIS SHEET) FOR SURFACE TREATMENT DETAILS.
 5. CONTRACTOR SHALL REPLACE THE MATERIAL BEHIND THE GUTTER TO MATCH THE EXISTING MATERIAL, I.E. ASPHALT DRIVEWAY PAVEMENT IF MATERIAL BEHIND THE EXISTING GUTTER IS ASPHALT OR TOPSOIL IF MATERIAL BEHIND THE EXISTING GUTTER IS TOPSOIL.
 6. COST OF SUITABLE MATERIAL TO BE INCLUDED IN PRICE BID FOR ITEM 206.0201.



**INSTALLATION OF PROPOSED
DRAINAGE STRUCTURES
NOT TO SCALE**



**STORM SEWER WYE
BRANCH CONNECTION
NOT TO SCALE**

AFFIX SEAL:
ON:

ALTERED BY:
ON:

STATE OF NEW YORK
CURTIS A. ECKLUND, JR.
075232
REGISTERED PROFESSIONAL ENGINEER

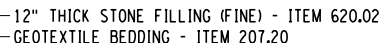
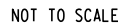
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5	PIN 3501.94	BRIDGES XXXXXXX XXXXXXX	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
	BL 81 SOUTHERN SECTION	UTILITY QUALITY LEVEL B UNLESS OTHERWISE NOTED			DRAINAGE DETAILS	DRAWING NO. DD-02
	CITY OF SYRACUSE					SHEET NO. 549
	COUNTY: ONONDAGA REGION: 03					

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**Department of
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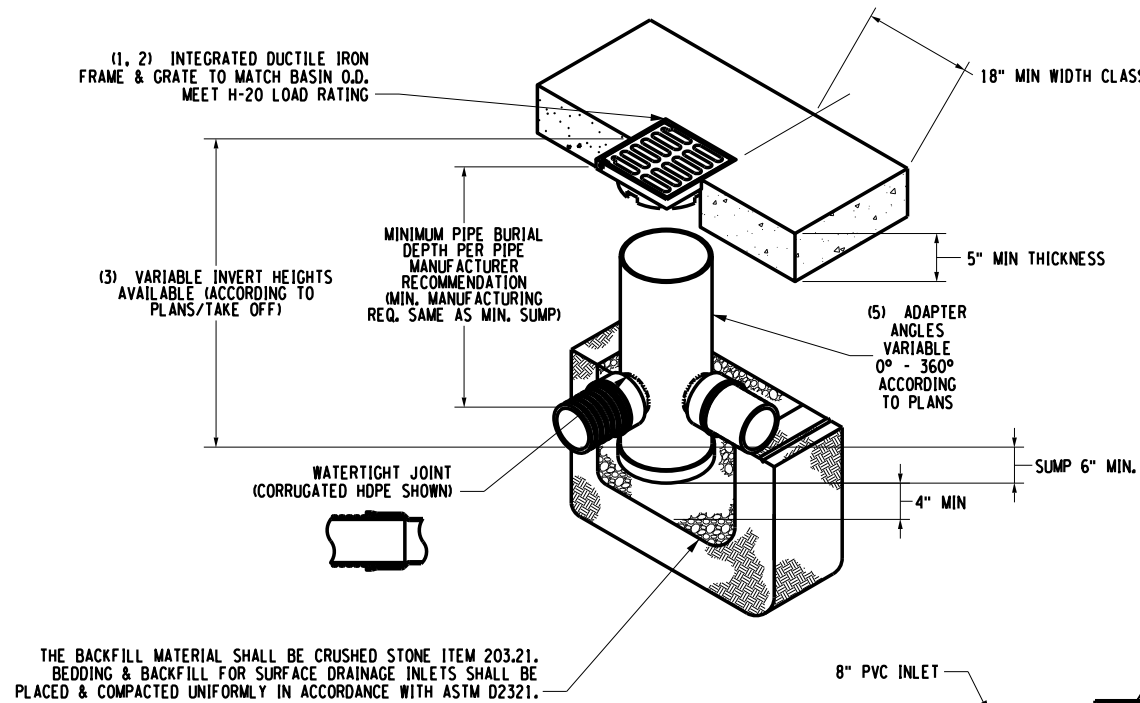


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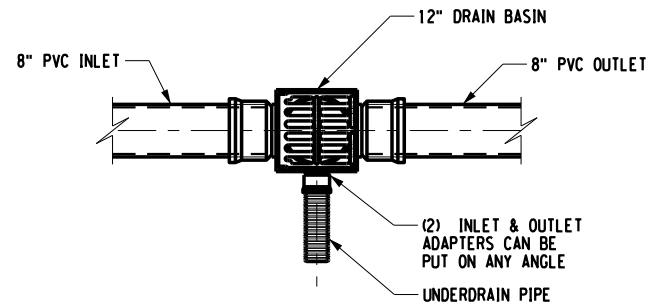
Department of
Transportation

FILE NAME : ...\\Planset\\350194_cph.drn.dwg
DATE/TIME : 3/29/2024
USER : LBA

DESIGN SUPERVISOR **W. DALEY, P.E.** JOB MANAGER **C. ECKLUND, P.E.** DESIGN **C. ECKLUND, P.E.** CHECK **W. DALEY, P.E.** DRAFTING **B. DEHAAN** CHECK **C. ECKLUND, P.E.** PROJECT MANAGER **L. GOSSELIN, P.E.**

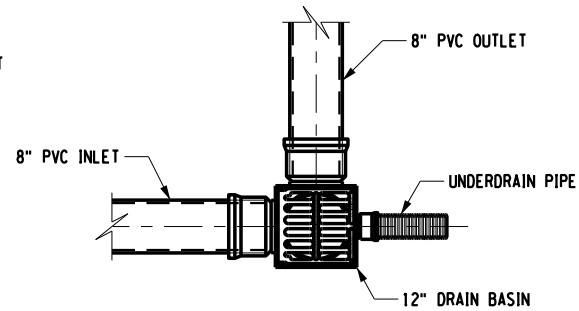
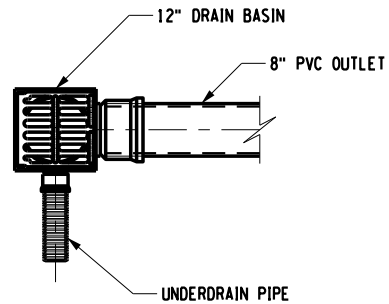


1. GRATES/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05
2. FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05
3. DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS.
4. DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL), N-12 HP, & PVC SEWER.
5. COST OF FRAME AND GRATE AND CONCRETE COLLAR TO BE INCLUDED IN SPECIAL DRAINAGE STRUCTURE ITEM 604.500302.

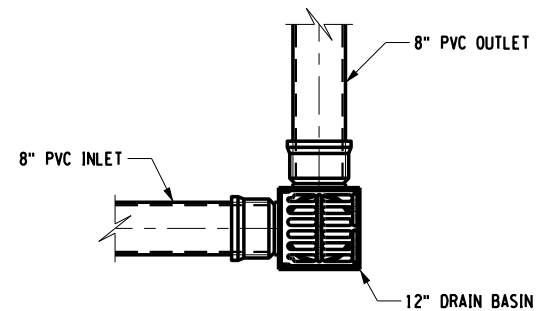


DETAIL FOR DN 10-10

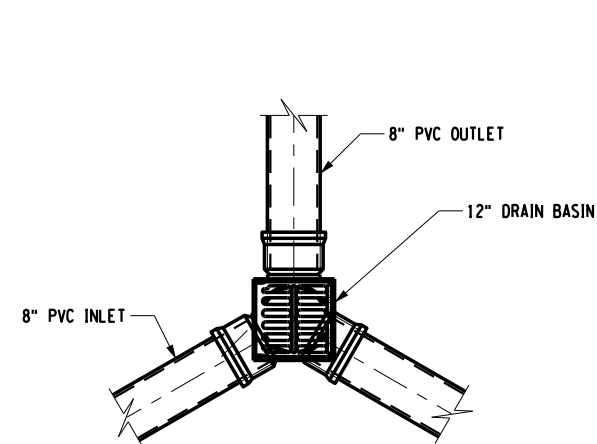
DETAIL FOR DN 10-9, DN 11-15
AND DN 12-14 (MIRRORED)



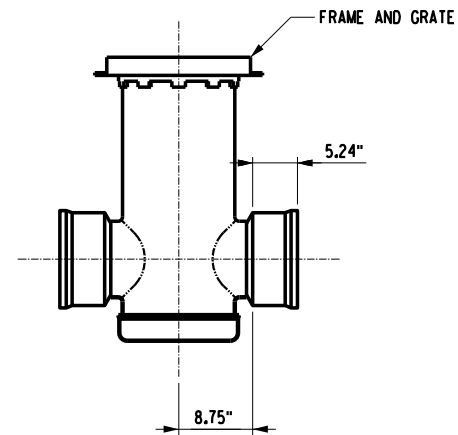
DETAIL FOR DN 11-16



DETAIL FOR DN 10-11



DETAIL FOR DN 12-13



PIPE ADAPTERS

SP-5, STAND PIPE DRAIN BASIN 12"
SPECIAL DRAINAGE STRUCTURE ITEM 604.500302

AFFIX SEAL: ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5	PIN 3501.94	BRIDGES XXXXXX XXXXXX	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED DRAINAGE DETAILS	CONTRACT NUMBER D265478
	BL 81 SOUTHERN SECTION	UTILITY QUALITY LEVEL B UNLESS OTHERWISE NOTED				DRAWING NO. DD-04
	CITY OF SYRACUSE					SHEET NO. 551
	COUNTY: ONONDAGA	REGION: 03				

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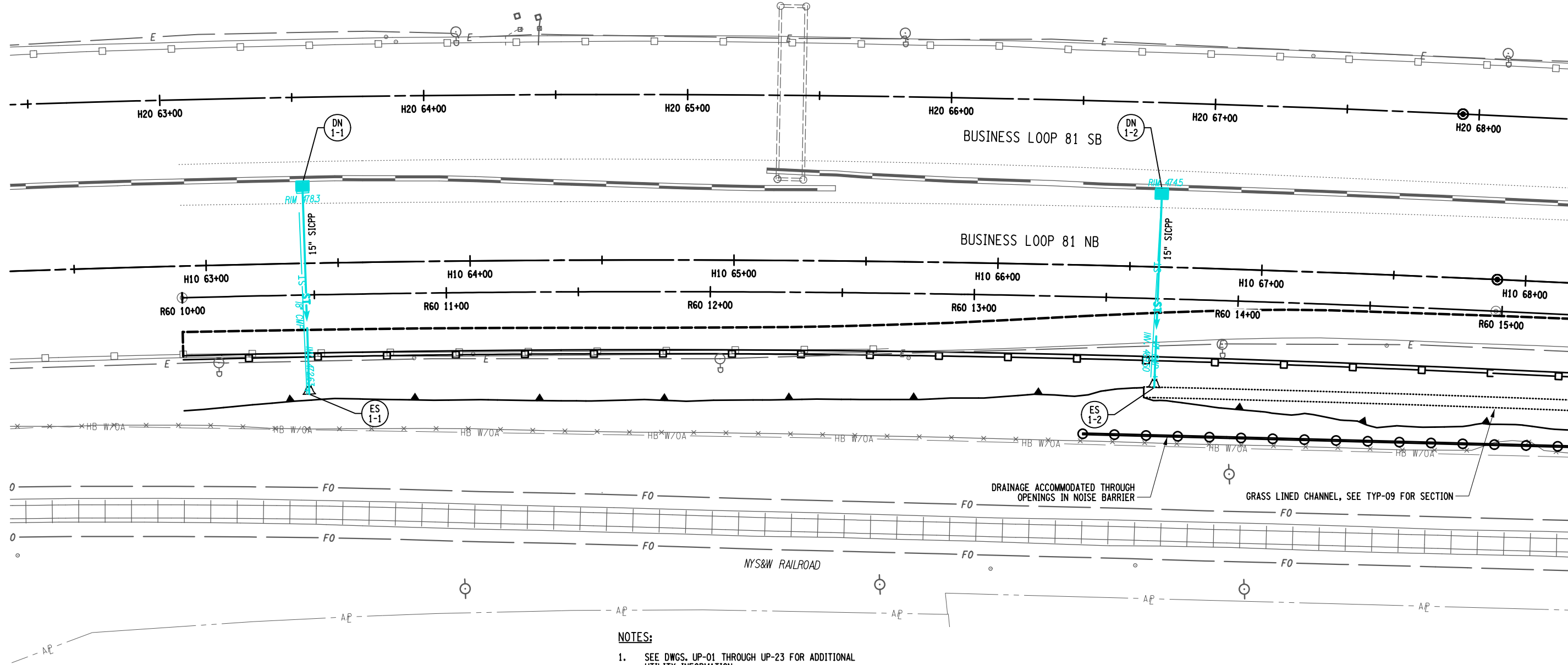
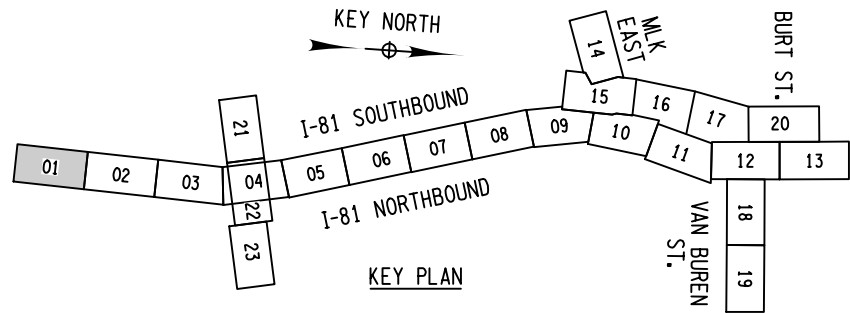
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Department of Transportation

FILE NAME = ...\\Plans\350194_cph_drrn.pln.dgn
DATE/TIME = 1/3/2025
USER = LBA

PROJECT MANAGER L. GOSSELIN, P.E.
CHECK C. ECKLUND, P.E.
DRAFTING B. DEHAAN
CHECK W. DALEY, P.E.
DESIGN C. ECKLUND, P.E.
JOB MANAGER C. ECKLUND, P.E.
DESIGN SUPERVISOR W. DALEY, P.E.



- NOTES:
- SEE DWGS. UP-01 THROUGH UP-23 FOR ADDITIONAL UTILITY INFORMATION.
 - SEE DRAINAGE TABLES AND PROFILES FOR INVERT AND PIPE SLOPE INFORMATION.

AFFIX SEAL:
ON: 1/3/2025

ALTERED BY:
ON:

LEGEND:
STORM SEWER REMOVAL
DRAINAGE REMOVAL

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

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I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5
BL 81 SOUTHERN SECTION
CITY OF SYRACUSE
COUNTY: ONONDAGA REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL B
UNLESS OTHERWISE NOTED

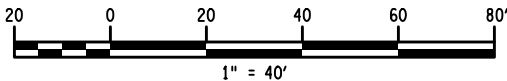
BRIDGES
XXXXXX
XXXXXX

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
DRAINAGE PLAN
BUSINESS LOOP 81 (1 OF 13)

CONTRACT NUMBER
D265478

DRAWING NO. DPL-01
SHEET NO. 552



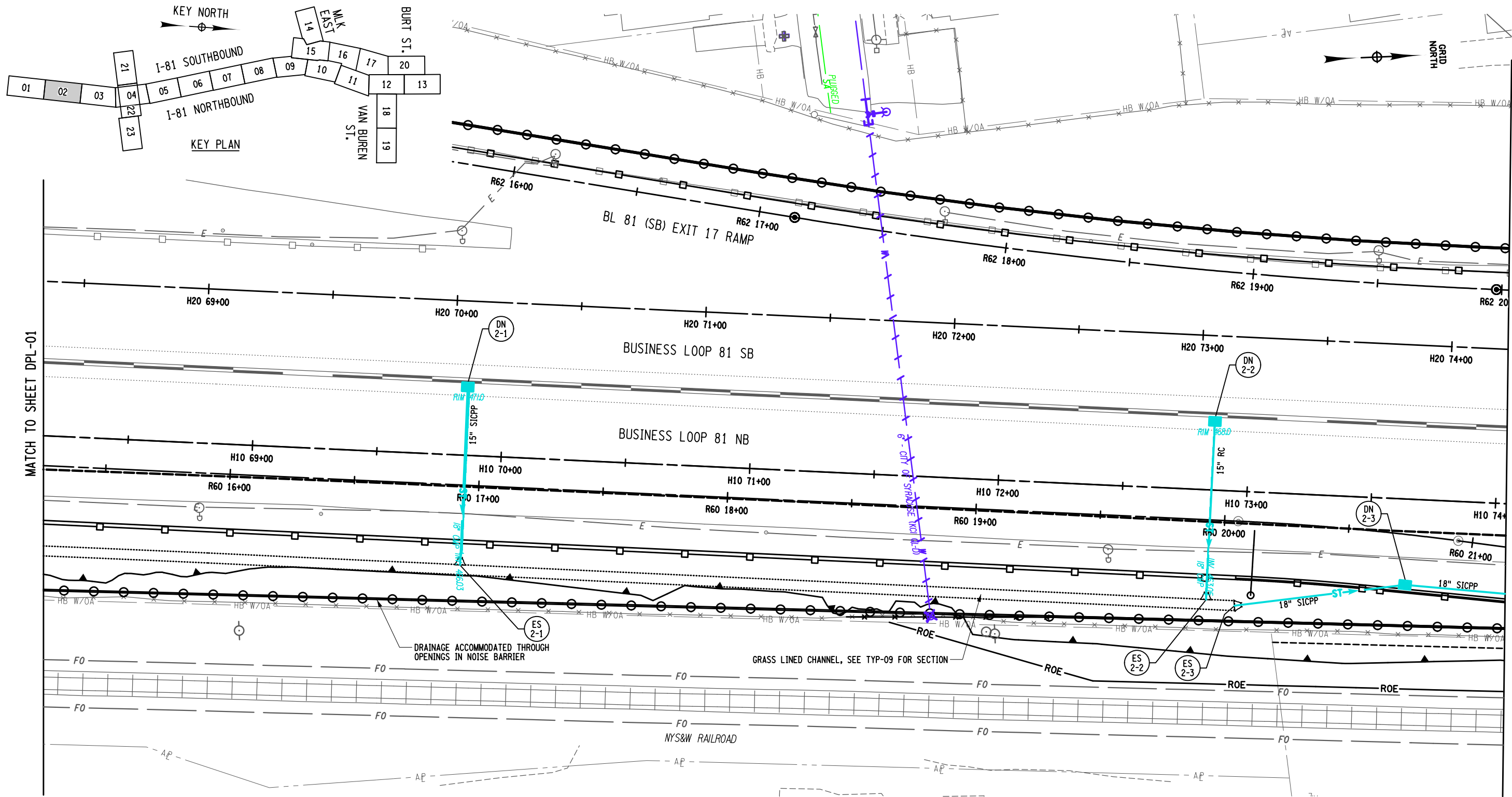
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FILE NAME = ...\\Planset\\350194_cph_drrn.pln.dgn
DATE/TIME = 1/3/2025
USER = LBA

DESIGN SUPERVISOR W. DALEY, P.E. JOB MANAGER C. ECKLUND, P.E. DESIGN C. ECKLUND, P.E. CHECK W. DALEY, P.E. DRAFTING B. DEHAAN CHECK C. ECKLUND, P.E. PROJECT MANAGER L. GOSSELIN, P.E.



- NOTES:
- SEE DWGS. UP-01 THROUGH UP-23 FOR ADDITIONAL UTILITY INFORMATION.
 - SEE DRAINAGE TABLES AND PROFILES FOR INVERT AND PIPE SLOPE INFORMATION.

LEGEND:
STORM SEWER REMOVAL
DRAINAGE REMOVAL

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5	PIN 3501.94
BL 81 SOUTHERN SECTION	UTILITY QUALITY LEVEL B UNLESS OTHERWISE NOTED
CITY OF SYRACUSE	BRIDGES XXXXXXX XXXXXXX
COUNTY: ONONDAGA	REGION: 03

PIN 3501.94

UTILITY QUALITY LEVEL B
UNLESS OTHERWISE NOTED

BRIDGES
XXXXXXX
XXXXXXX

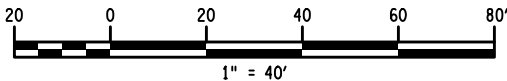
CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

DRAINAGE PLAN
BUSINESS LOOP 81 (2 OF 13)

CONTRACT NUMBER
D265478

DRAWING NO. DPL-02
SHEET NO. 553



AFFIX SEAL:
ON: 1/3/2025

ALTERED BY:
ON:

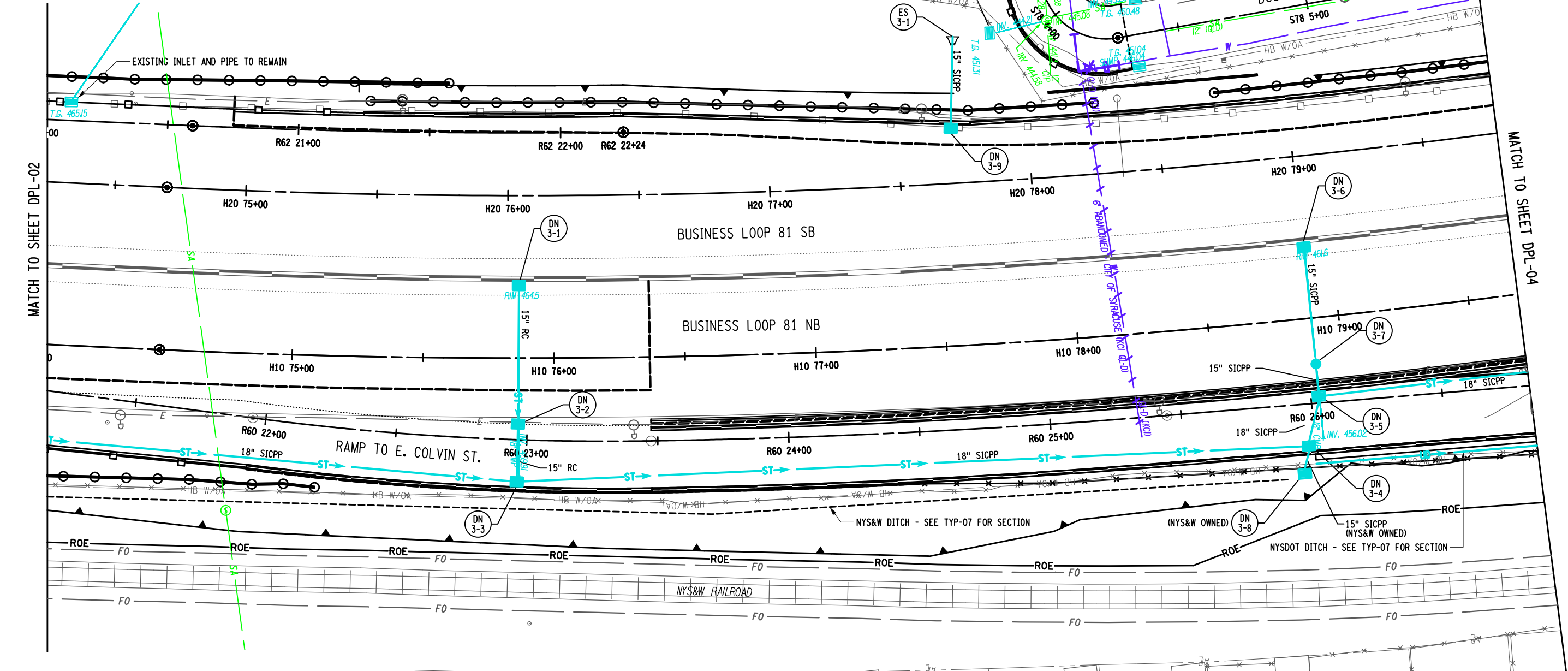
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DESIGN SUPERVISOR **W. DALEY, P.E.**



GRID NORTH

1. DELETED PIPE FROM DN 4-8 TO DN 3-7

MATCH TO SHEET DPL-04

LEGEND: STORM SEWER REMOVAL DRAINAGE REMOVAL		NOTES: 1. SEE DWGS. UP-01 THROUGH UP-23 FOR ADDITIONAL UTILITY INFORMATION. 2. SEE DRAINAGE TABLES AND PROFILES FOR INVERT AND PIPE SLOPE INFORMATION.		 1" = 40'									
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5 BL 81 SOUTHERN SECTION CITY OF SYRACUSE COUNTY: ONONDAGA REGION: 03		PIN 3501.94 UTILITY QUALITY LEVEL B UNLESS OTHERWISE NOTED		BRIDGES XXXXXXX XXXXXXX		CULVERTS		ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED DRAINAGE PLAN BUSINESS LOOP 81 (3 OF 13)		CONTRACT NUMBER D265478 DRAWING NO. DPL-03 SHEET NO. 554R1	

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

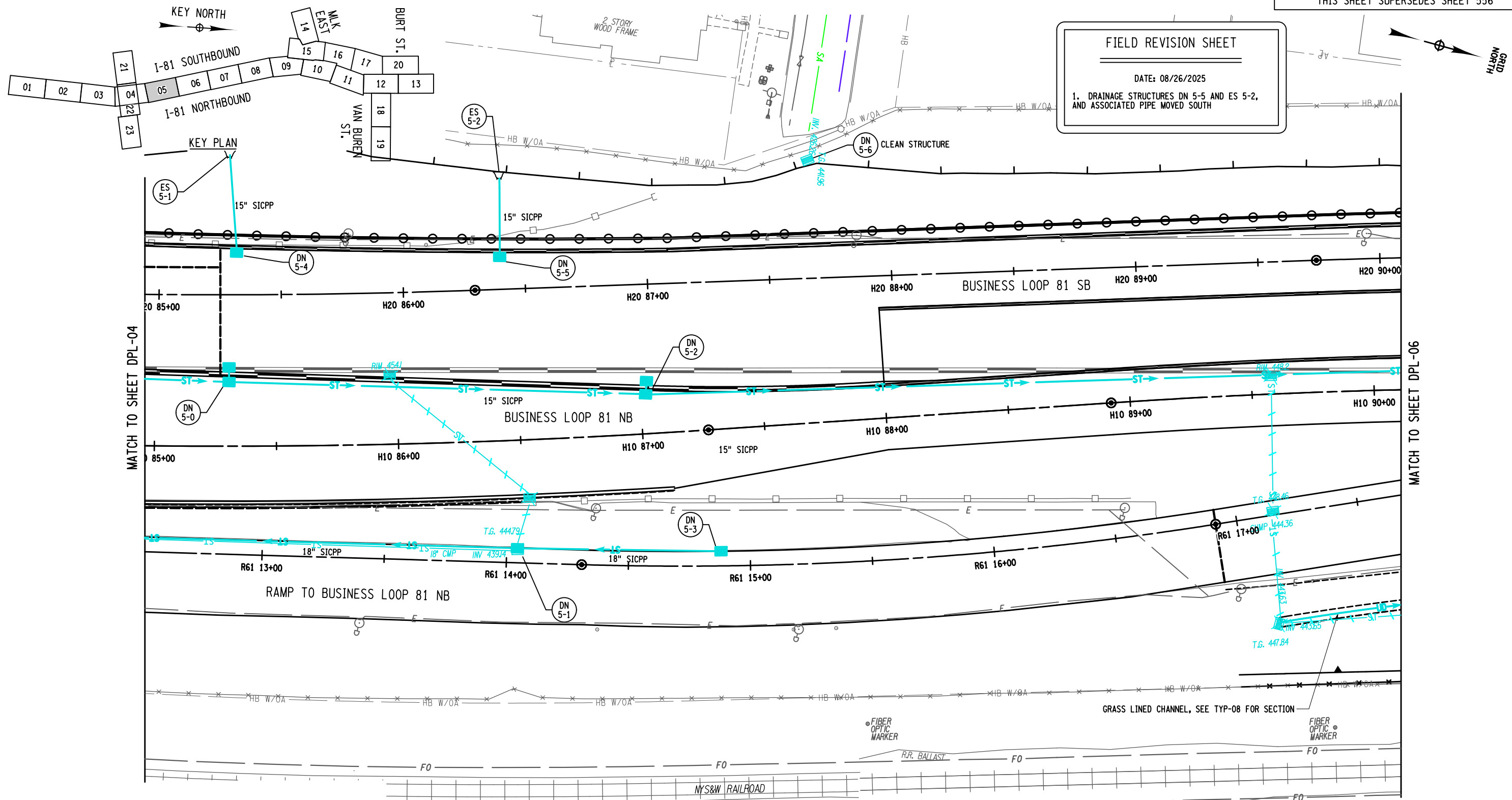
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STATE OF OPPORTUNITY.

Department of Transportation

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USER = LPA


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DATE/TIME = 8/26/2025
USER = LBA
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ALTERED BY:
ON:



LEGEND:
STORM SEWER REMOVAL
DRAINAGE REMOVAL



1. SEE DWGS. UP-01 THROUGH UP-23 FOR ADDITIONAL UTILITY INFORMATION.
2. SEE DRAINAGE TABLES AND PROFILES FOR INVERT AND PIPE SLOPE INFORMATION.

I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5
BL 81 SOUTHERN SECTION
CITY OF SYRACUSE
COUNTY: ONONDAGA

UTILITY QUALITY LEVEL B
UNLESS OTHERWISE NOTED

CULVERTS

DRAINAGE PLAN
BUSINESS LOOP 81 (5 OF 13)

DRAWING NO. DPL-05
SHEET NO. 556R1

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY:" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Department of
Transportation

FILE NAME = ...\\Planset\\350194_cph_drrn.pln.dgn
DATE/TIME = 1/3/2025
USER = LBA

DESIGN SUPERVISOR W. DALEY, P.E.

JOB MANAGER C. ECKLUND, P.E.

DESIGN C. ECKLUND, P.E.

CHECK W. DALEY, P.E.

DRAFTING B. DEHAAN

CHECK C. ECKLUND, P.E.

PROJECT MANAGER L. GOSSELIN, P.E.

AFFIX SEAL:
ON: 1/3/2025



ALTERED BY:
ON:

LEGEND:
STORM SEWER REMOVAL
DRAINAGE REMOVAL

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

NOTES:

- SEE DWGS. UP-01 THROUGH UP-23 FOR ADDITIONAL UTILITY INFORMATION.
- SEE DRAINAGE TABLES AND PROFILES FOR INVERT AND PIPE SLOPE INFORMATION.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5
BL 81 SOUTHERN SECTION
CITY OF SYRACUSE
COUNTY: ONONDAGA
REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL B
UNLESS OTHERWISE NOTED

BRIDGES
XXXXXXX
XXXXXXX

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
DRAINAGE PLAN
BUSINESS LOOP 81 (6 OF 13)

CONTRACT NUMBER
D265478
DRAWING NO. DPL-06
SHEET NO. 557

Department of
Transportation

The figure is a detailed drainage plan for Business Loop 81, showing both Southbound (SB) and Northbound (NB) lanes. It includes stationing from 91+00 to 95+00. Key features include:
- Storm sewer lines (H20, H10, R61) and their removal (indicated by dashed lines and 'ST' markers).
- Drainage removal lines (indicated by dashed lines and 'D' markers).
- Match lines to sheets DPL-05 and DPL-07.
- A key plan at the top left showing the project location relative to I-81 and local streets (Van Buren St., Burt St., East St.).
- A north arrow and a scale bar (1" = 40').
- A legend for storm sewer and drainage removal.
- A table of project information at the bottom right, including contract number, drawing number, and sheet number.
- A professional engineer seal for Curtis A. Ecklund, Jr., State of New York, No. 075232.



LEGEND:

STORM SEWER REMOVAL

DRAINAGE REMOVAL

NOTES:

- SEE DWGS. UP-01 THROUGH UP-23 FOR ADDITIONAL UTILITY INFORMATION.
- SEE DRAINAGE TABLES AND PROFILES FOR INVERT AND PIPE SLOPE INFORMATION.

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5	PIN 3501.94	BRIDGES XXXXXX XXXXXX	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
	BL 81 SOUTHERN SECTION	UTILITY QUALITY LEVEL B UNLESS OTHERWISE NOTED			DRAINAGE PLAN BUSINESS LOOP 81 (7 OF 13)	DRAWING NO. DPL-07 SHEET NO. 558
	CITY OF SYRACUSE					
COUNTY: ONONDAGA	REGION: 03					

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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**Department of
Transportation**

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DESIGN SUPERVISOR W. DALEY, P.E.

JOB MANAGER C. ECKLUND, P.E.

DESIGN C. ECKLUND, P.E.

CHECK W. DALEY, P.E.

DRAFTING B. DEHAAN

CHECK C. ECKLUND, P.E.

PROJECT MANAGER L. GOSSELIN, P.E.

AFFIX SEAL:
ON: 1/3/2025



ALTERED BY:
ON:

LEGEND:
STORM SEWER REMOVAL
DRAINAGE REMOVAL



NOTES:
1. SEE DWGS. UP-01 THROUGH UP-23 FOR ADDITIONAL UTILITY INFORMATION.
2. SEE DRAINAGE TABLES AND PROFILES FOR INVERT AND PIPE SLOPE INFORMATION.

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5
BL 81 SOUTHERN SECTION
CITY OF SYRACUSE
COUNTY: ONONDAGA
REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL B
UNLESS OTHERWISE NOTED

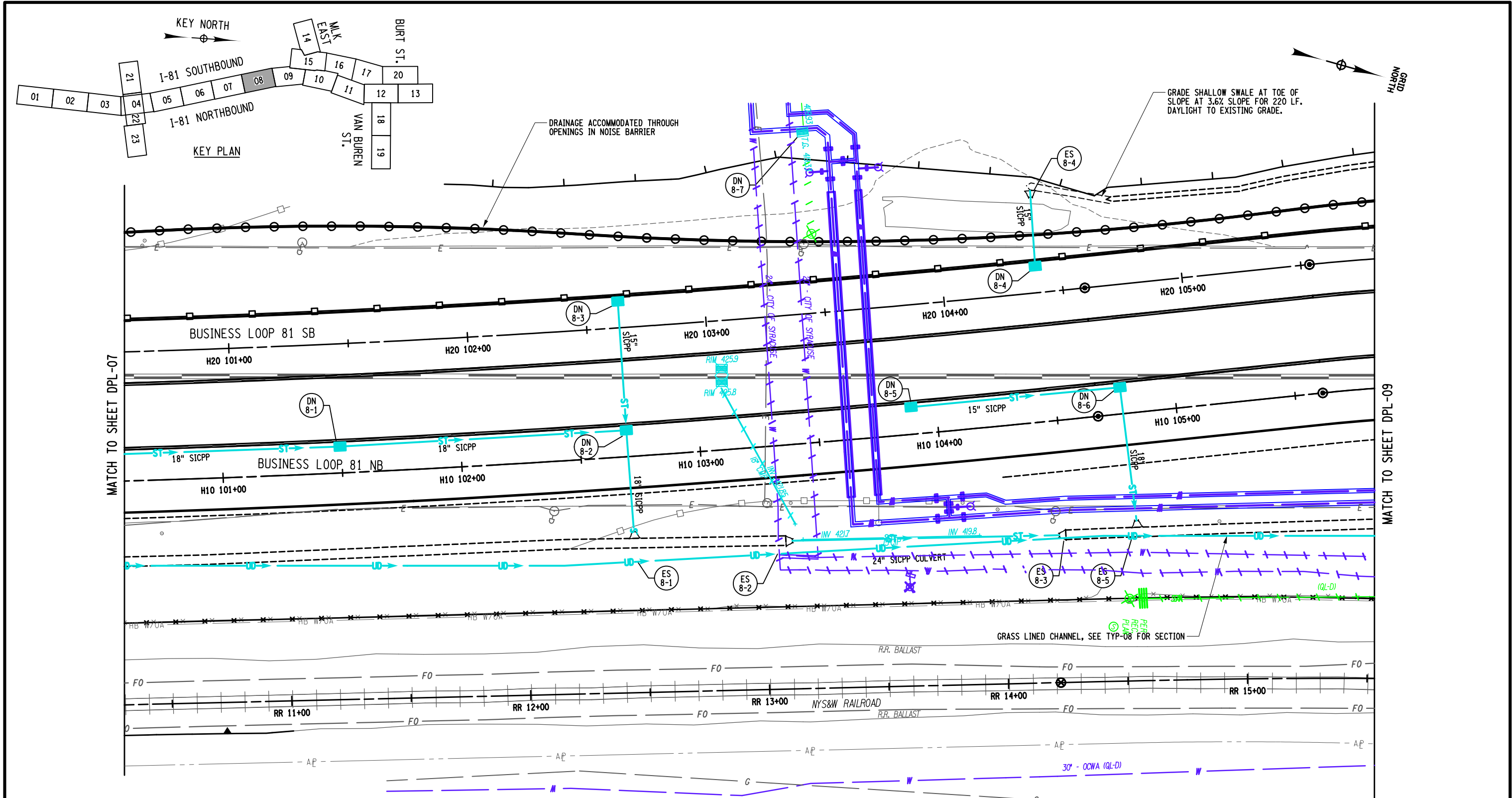
BRIDGES
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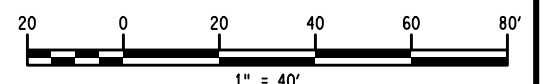
CULVERTS

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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STATE OF OPPORTUNITY
Department of Transportation





ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED		CONTRACT NUMBER D265478
DRAINAGE PLAN BUSINESS LOOP 81 (8 OF 13)		DRAWING NO. DPL-08 SHEET NO. 559

FILE NAME = ...\\Plans\350194_cph_drrn.pln.dgn
DATE/TIME = 1/3/2025
USER = LBA

DESIGN SUPERVISOR W. DALEY, P.E.

JOB MANAGER C. ECKLUND, P.E.

DESIGN C. ECKLUND, P.E.

CHECK W. DALEY, P.E.

DRAFTING B. DEHAAN

CHECK C. ECKLUND, P.E.

PROJECT MANAGER L. GOSSELIN, P.E.

AFFIX SEAL:
ON: 1/3/2025



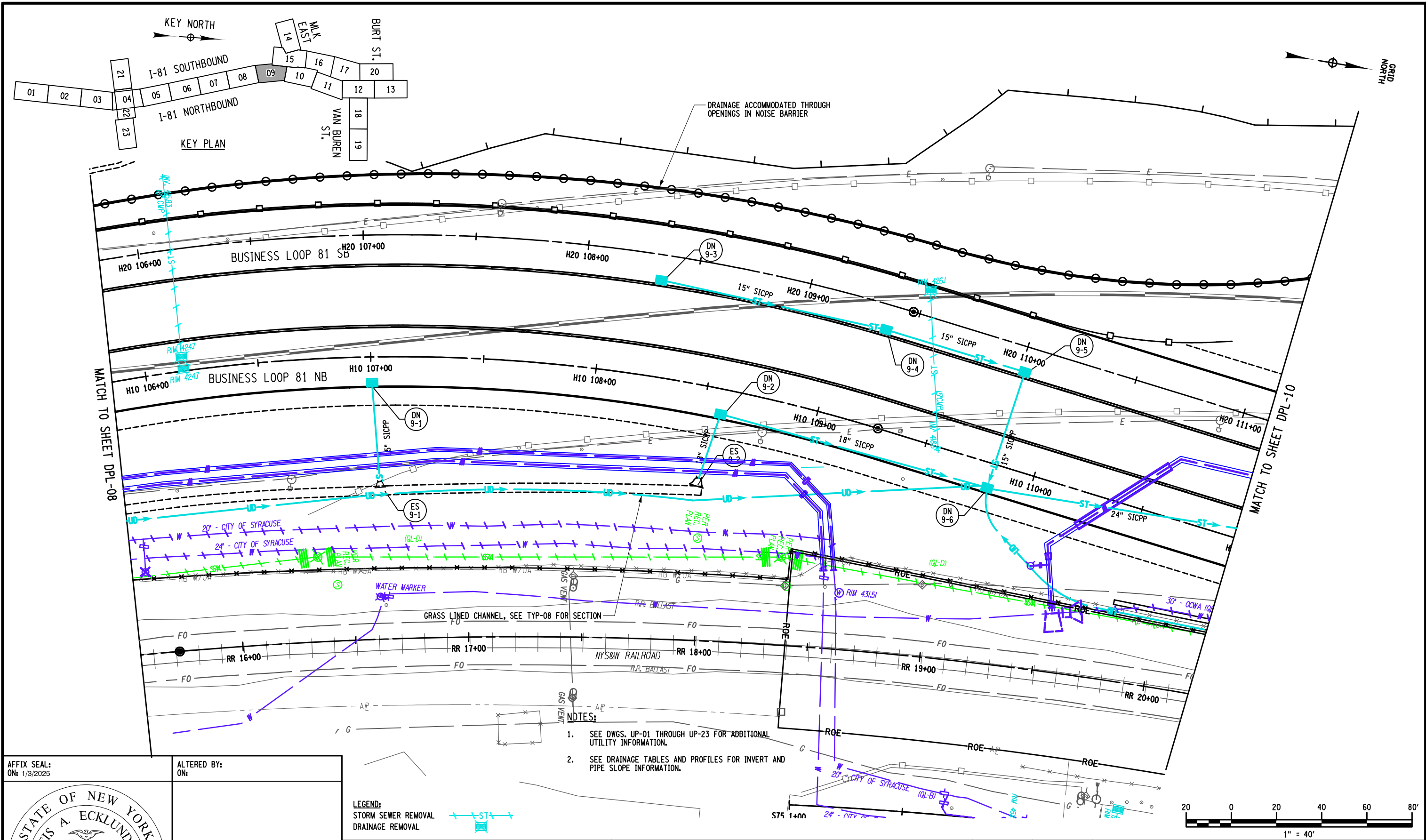
ALTERED BY:
ON:

LEGEND:
STORM SEWER REMOVAL
DRAINAGE REMOVAL

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5	PIN 3501.94
BL 81 SOUTHERN SECTION	BRIDGES XXXXXXX XXXXXXX
CITY OF SYRACUSE	CULVERTS
COUNTY: ONONDAGA	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
REGION: 03	DRAINAGE PLAN BUSINESS LOOP 81 (9 OF 13)

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



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DESIGN SUPERVISOR W. DALEY, P.E.

DESIGN C. ECKLUND, P.E.

CHECK W. DALEY, P.E.

DRAFTING B. DEHAAN

CHECK C. ECKLUND, P.E.

PROJECT MANAGER L. GOSSELIN, P.E.

AFFIX SEAL:
ON: 1/3/2025

STATE OF NEW YORK

CURTIS A. ECKLUND, JR.

075232

REGISTERED PROFESSIONAL ENGINEER

ALTERED BY:
ON:

LEGEND:
STORM SEWER REMOVAL
DRAINAGE REMOVAL

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5
BL 81 SOUTHERN SECTION
CITY OF SYRACUSE
COUNTY: ONONDAGA
REGION: 03

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

PIN 3501.94
UTILITY QUALITY LEVEL B
UNLESS OTHERWISE NOTED

BRIDGES
XXXXXXX
XXXXXXX

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
DRAINAGE PLAN
BUSINESS LOOP 81 (10 OF 13)

CONTRACT NUMBER
D265478
DRAWING NO. DPL-10
SHEET NO. 561

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STATE OF OPPORTUNITY.

Department of
Transportation

NOTES:

- SEE DWGS. UP-01 THROUGH UP-23 FOR ADDITIONAL UTILITY INFORMATION.
- SEE DRAINAGE TABLES AND PROFILES FOR INVERT AND PIPE SLOPE INFORMATION.

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USER = LBA

DESIGN SUPERVISOR W. DALEY, P.E.

DESIGN C. ECKLUND, P.E.

CHECK W. DALEY, P.E.

DRAFTING B. DEHAAN

CHECK C. ECKLUND, P.E.

PROJECT MANAGER L. GOSSELIN, P.E.

AFFIX SEAL:
ON:



ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5

BL 81 SOUTHERN SECTION

CITY OF SYRACUSE

COUNTY: ONONDAGA

REGION: 03

PIN 3501.94

UTILITY QUALITY LEVEL B
UNLESS OTHERWISE NOTED

BRIDGES
XXXXXXX
XXXXXXX

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

DRAINAGE PLAN
BUSINESS LOOP 81 (11 OF 13)

CONTRACT NUMBER
D265478

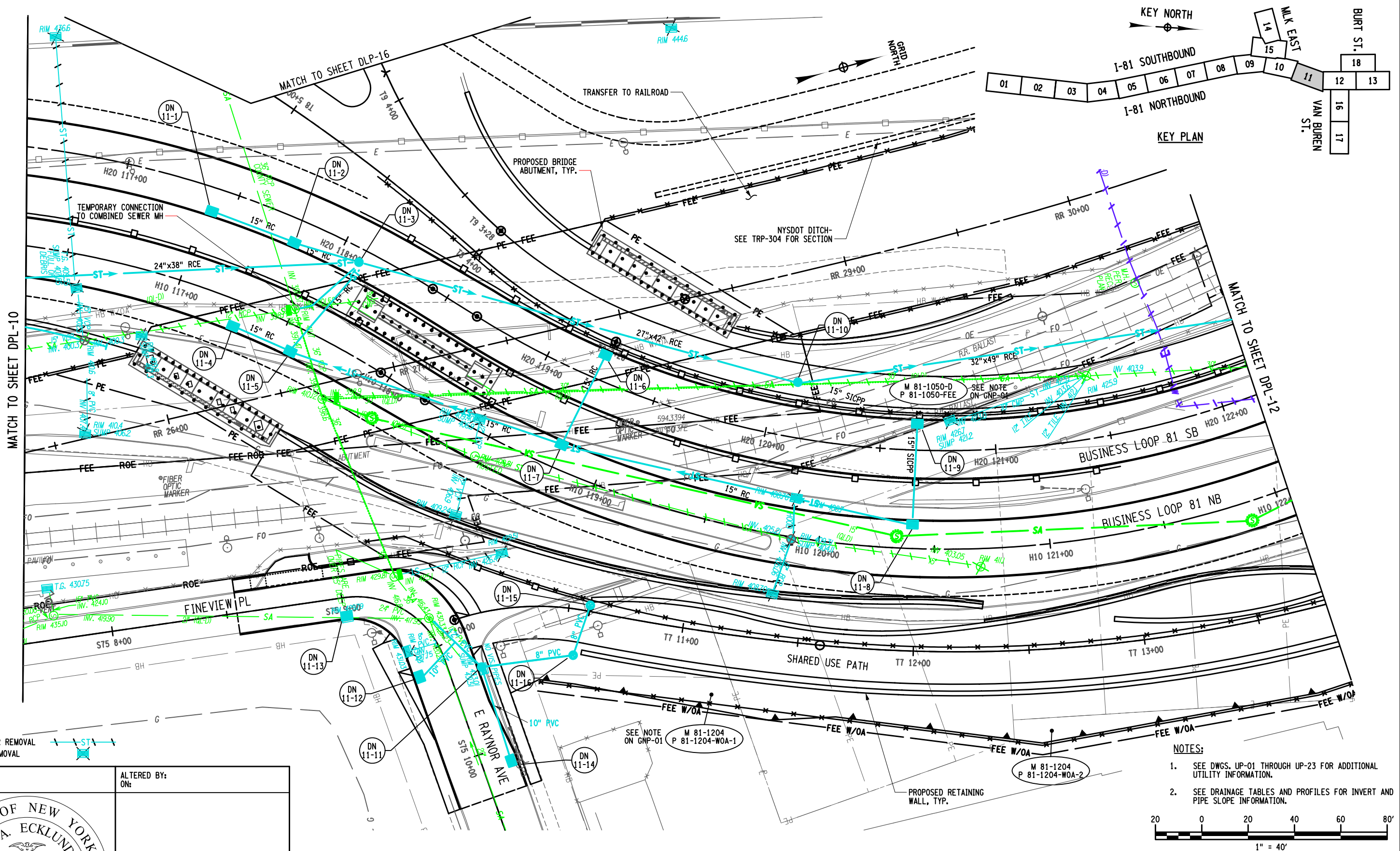
DRAWING NO. DPL-11
SHEET NO. 562

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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Transportation**



AFFIX SEAL:
ON:



ALTERED BY:
ON:

LEGEND:
STORM SEWER REMOVAL
DRAINAGE REMOVAL

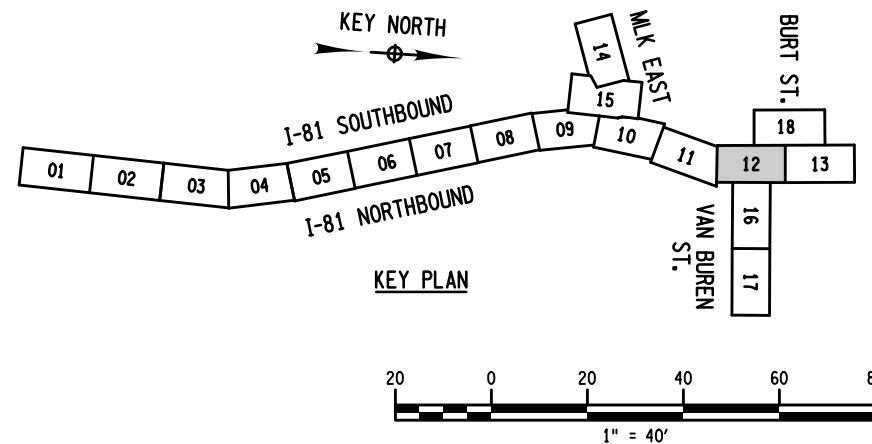
AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5	PIN 3501.94
BL 81 SOUTHERN SECTION	UTILITY QUALITY LEVEL B UNLESS OTHERWISE NOTED
CITY OF SYRACUSE	BRIDGES XXXXXXX XXXXXXX
COUNTY: ONONDAGA	REGION: 03

NOTES:

- SEE DWGS. UP-01 THROUGH UP-23 FOR ADDITIONAL UTILITY INFORMATION.
- SEE DRAINAGE TABLES AND PROFILES FOR INVERT AND PIPE SLOPE INFORMATION.

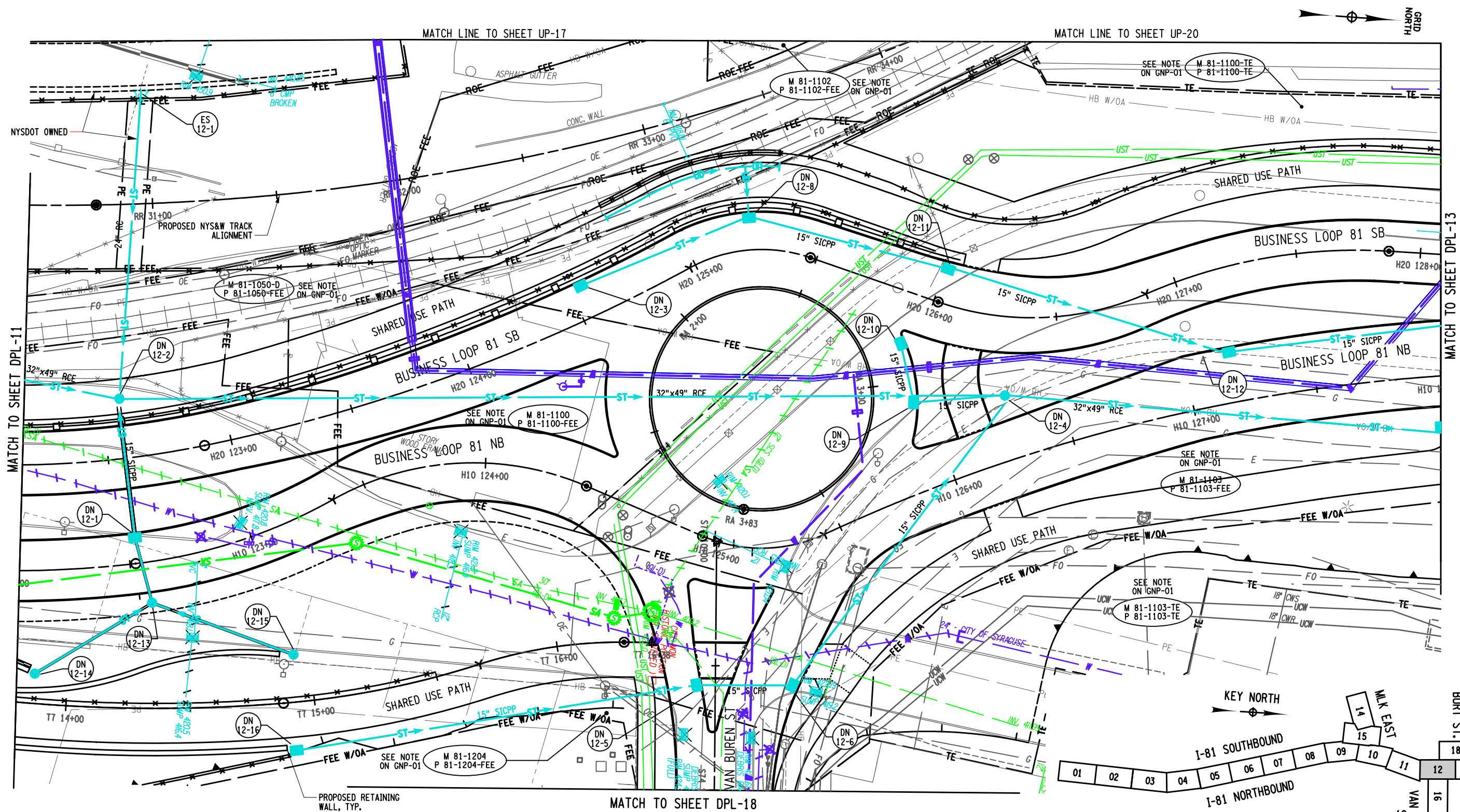


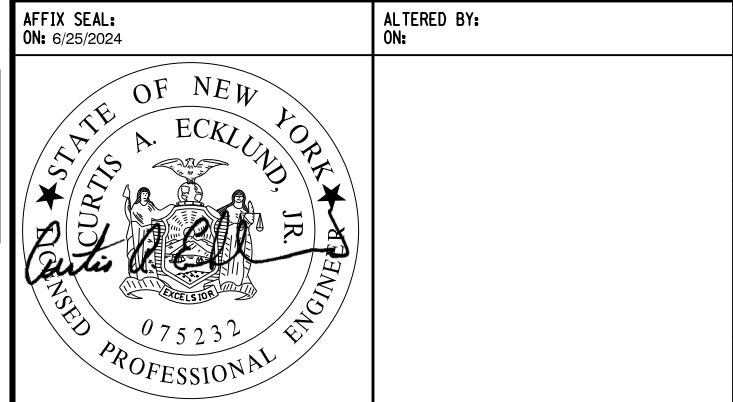
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DRAINAGE PLAN
BUSINESS LOOP 81 (12 OF 13)

CONTRACT NUMBER
D265478
DRAWING NO. DPL-12
SHEET NO. 563

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STATE OF
OPPORTUNITY
Department of
Transportation





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DESIGN SUPERVISOR W. DALEY, P.E.

JOB MANAGER C. ECKLUND, P.E.

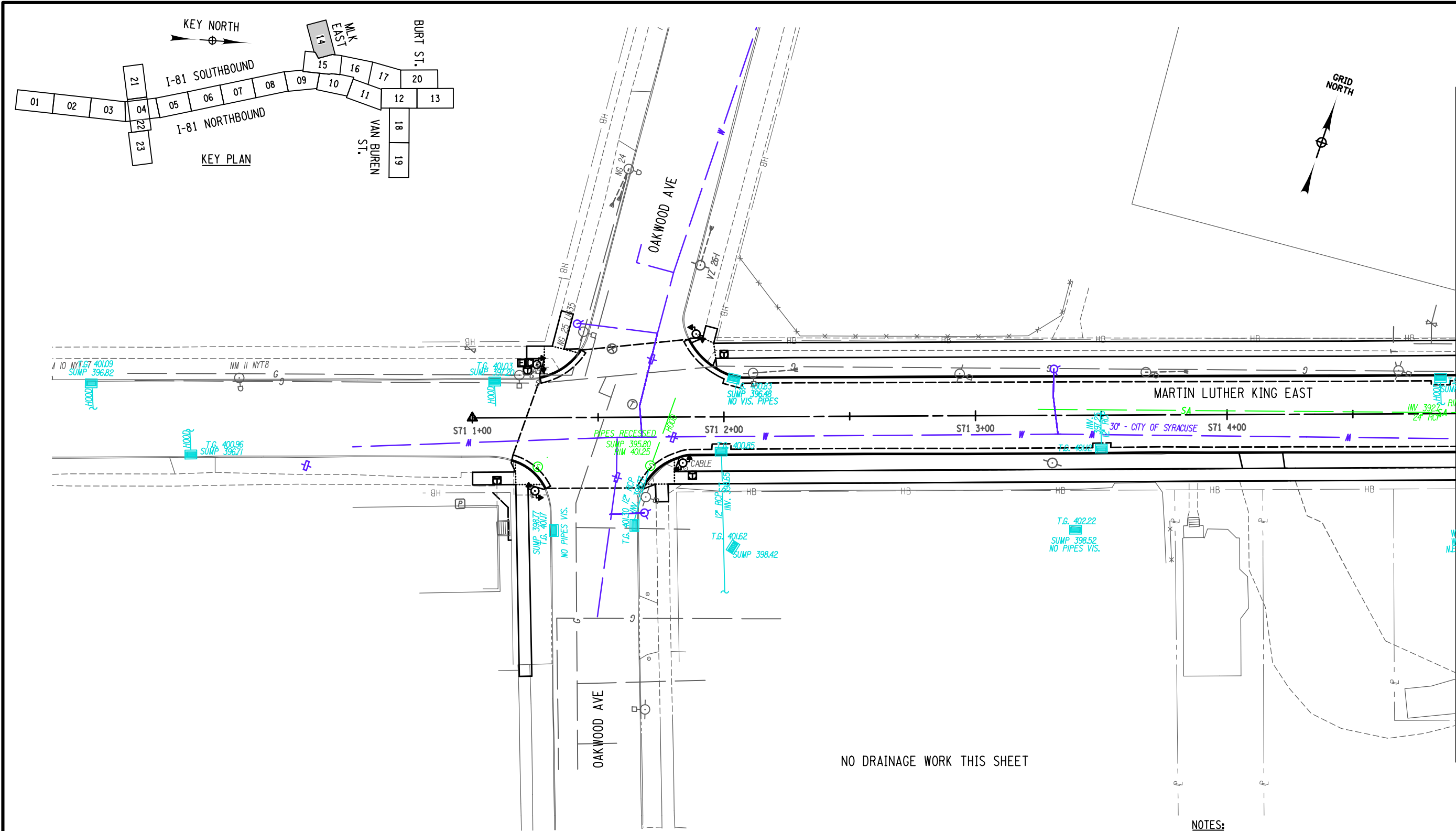
DESIGN C. ECKLUND, P.E.

CHECK W. DALEY, P.E.

DRAFTING B. DEHAAN

CHECK C. ECKLUND, P.E.

PROJECT MANAGER L. GOSSELIN, P.E.



AFFIX SEAL: ON:	ALTERED BY: ON:

LEGEND:
STORM SEWER REMOVAL
DRAINAGE REMOVAL

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5
BL 81 SOUTHERN SECTION
CITY OF SYRACUSE
COUNTY: ONONDAGA REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL B
UNLESS OTHERWISE NOTED

BRIDGES
XXXXXXX
XXXXXXX

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

DRAINAGE PLAN
MLK EAST (1 OF 2)

CONTRACT NUMBER
D265478

DRAWING NO. DPL-14
SHEET NO. 565

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

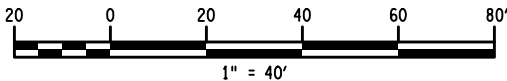
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STATE
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Department of
Transportation

NOTES:

- SEE DWGS. UP-01 THROUGH UP-23 FOR ADDITIONAL UTILITY INFORMATION.
- SEE DRAINAGE TABLES AND PROFILES FOR INVERT AND PIPE SLOPE INFORMATION.



AFFIX SEAL:
ON:



ALTERED BY:
ON:

LEGEND:

STORM SEWER REMOVAL
DRAINAGE REMOVAL



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5

BL 81 SOUTHERN SECTION

CITY OF SYRACUSE

COUNTY: ONONDAGA

REGION: 03

PIN 3501.94

UTILITY QUALITY LEVEL B
UNLESS OTHERWISE NOTED

BRIDGES
XXXXXXX
XXXXXXX

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

DRAINAGE PLAN
MLK EAST (2 OF 2)

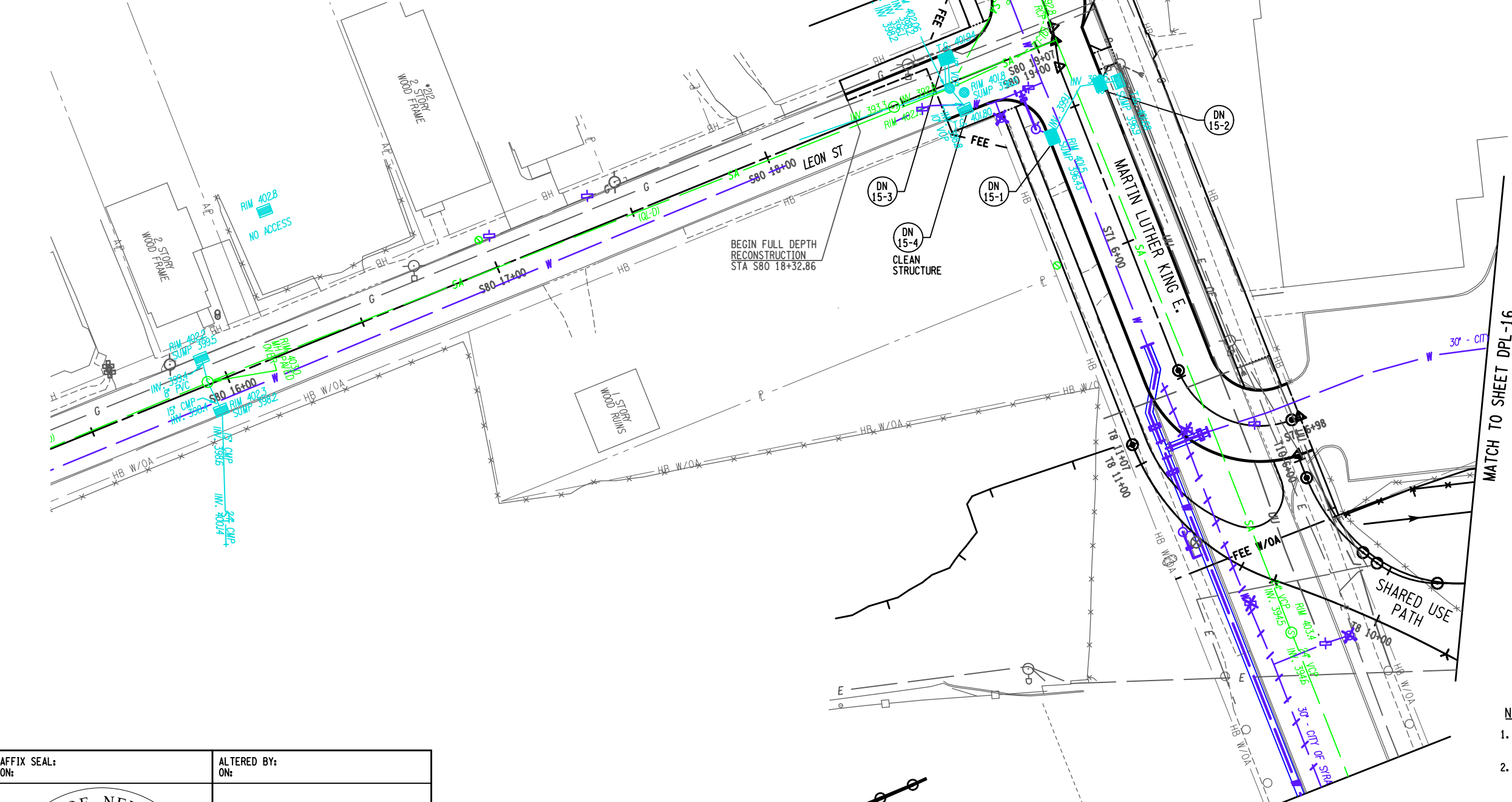
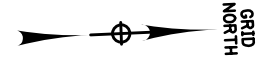
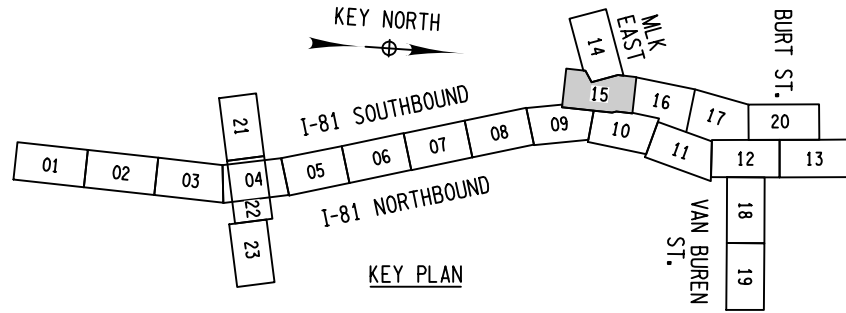
CONTRACT NUMBER
D265478

DRAWING NO. DPL-15
SHEET NO. 566

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

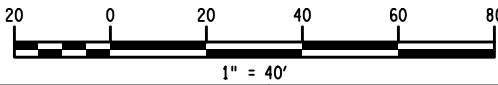


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Transportation



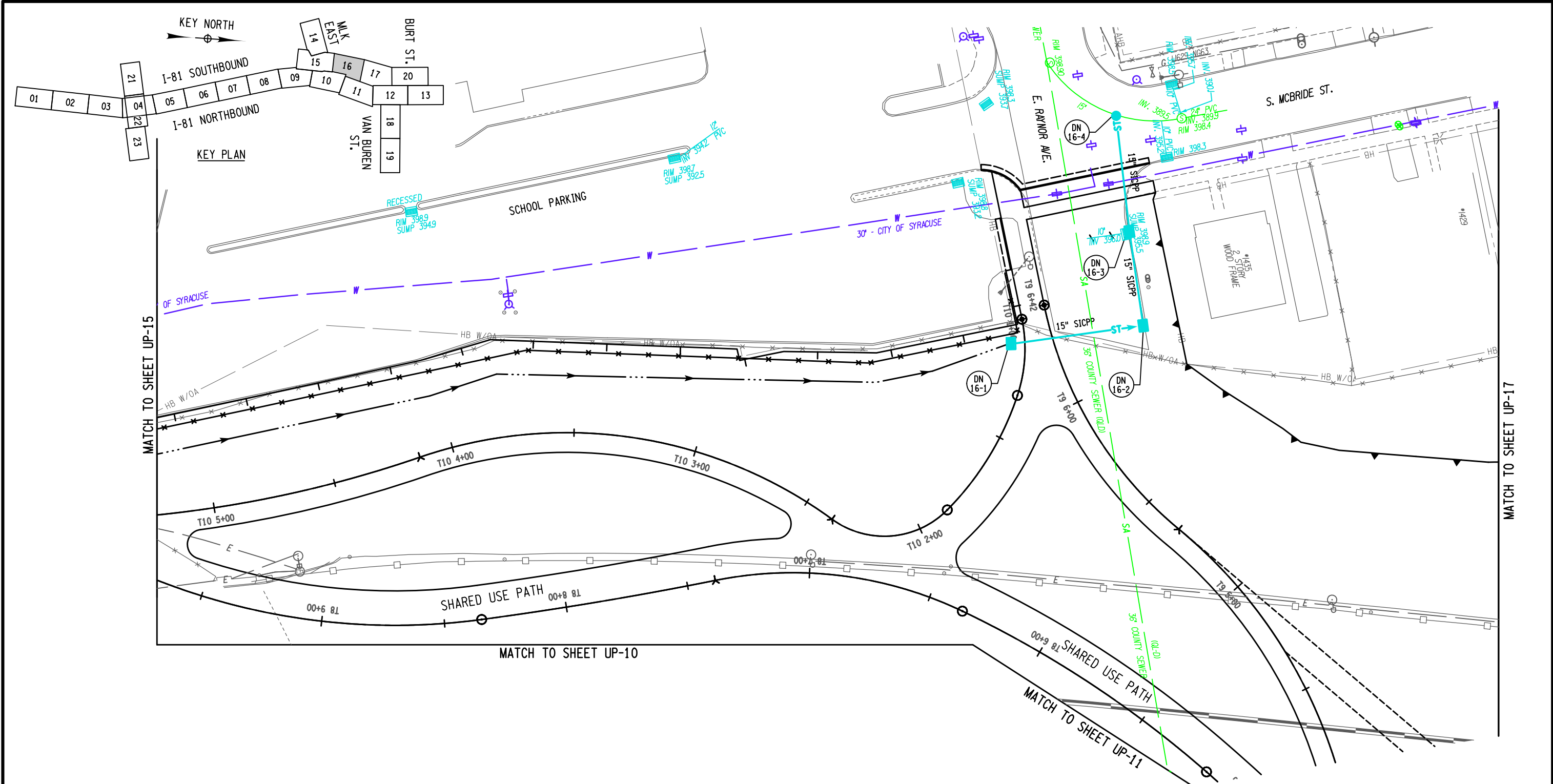
NOTES:

- SEE DWGS. UP-01 THROUGH UP-23 FOR ADDITIONAL UTILITY INFORMATION.
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DESIGN SUPERVISOR W. DALEY, P.E. JOB MANAGER C. ECKLUND, P.E. DESIGN C. ECKLUND, P.E. CHECK W. DALEY, P.E. DRAFTING B. DEHAAN CHECK C. ECKLUND, P.E. PROJECT MANAGER L. GOSSELIN, P.E.



NOTES:

- SEE DWGS. UP-01 THROUGH UP-23 FOR ADDITIONAL UTILITY INFORMATION.
- SEE DRAINAGE TABLES AND PROFILES FOR INVERT AND PIPE SLOPE INFORMATION.

20 0 20 40 60 80'
1" = 40'

AFFIX SEAL: ON:	ALTERED BY: ON:

LEGEND:
STORM SEWER REMOVAL
DRAINAGE REMOVAL

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5
BL 81 SOUTHERN SECTION
CITY OF SYRACUSE
COUNTY: ONONDAGA REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL B
UNLESS OTHERWISE NOTED

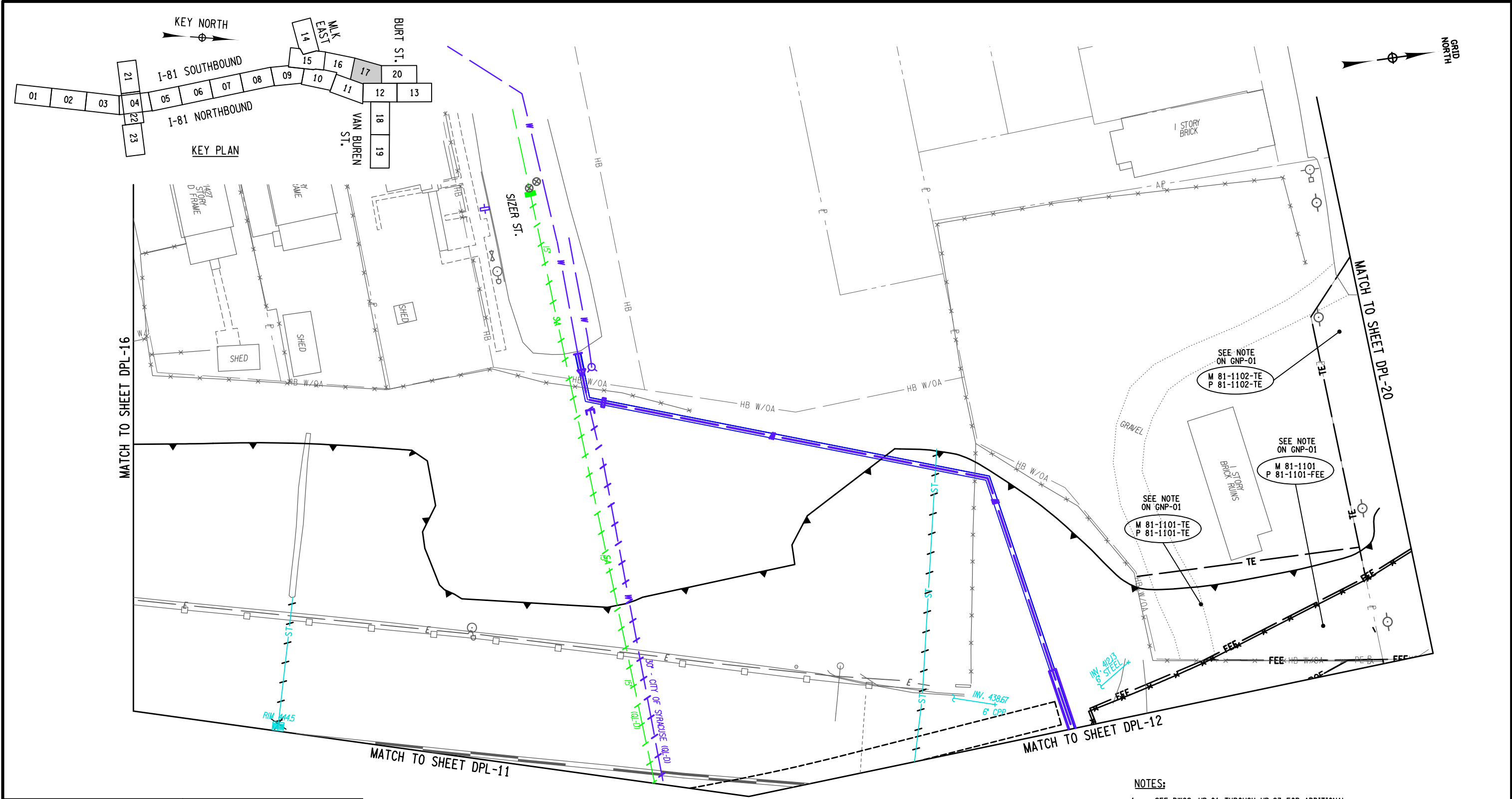
BRIDGES
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CULVERTS

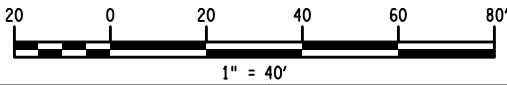
ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
DRAINAGE PLAN
E RAYNOR AVE. (1 OF 1)

CONTRACT NUMBER
D265478
DRAWING NO. DPL-16
SHEET NO. 567

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



- NOTES:
- SEE DWGS. UP-01 THROUGH UP-23 FOR ADDITIONAL UTILITY INFORMATION.
 - SEE DRAINAGE TABLES AND PROFILES FOR INVERT AND PIPE SLOPE INFORMATION.



AFFIX SEAL: ON:	ALTERED BY: ON:

LEGEND:
STORM SEWER REMOVAL
DRAINAGE REMOVAL

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5
BL 81 SOUTHERN SECTION
CITY OF SYRACUSE
COUNTY: ONONDAGA REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL B
UNLESS OTHERWISE NOTED

BRIDGES
XXXXXXX
XXXXXXX

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

DRAINAGE PLAN
SIZER ST. (1 OF 1)

CONTRACT NUMBER
D265478

DRAWING NO. DPL-17
SHEET NO. 568

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

FILE NAME = ...\\Planset\\350194_cph_drrn.pln.dgn
DATE/TIME = 3/28/2024
USER = LBA

DESIGN SUPERVISOR W. DALEY, P.E.

JOB MANAGER C. ECKLUND, P.E.

DESIGN C. ECKLUND, P.E.

CHECK W. DALEY, P.E.

DRAFTING B. DEHAAN

CHECK C. ECKLUND, P.E.

PROJECT MANAGER L. GOSSELIN, P.E.

AFFIX SEAL:
ON:



ALTERED BY:
ON:

LEGEND:
STORM SEWER REMOVAL
DRAINAGE REMOVAL

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5
BL 81 SOUTHERN SECTION
CITY OF SYRACUSE
COUNTY: ONONDAGA
REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL B
UNLESS OTHERWISE NOTED

BRIDGES
XXXXXXX
XXXXXXX

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
DRAINAGE PLAN
VAN BUREN ST. (1 OF 2)

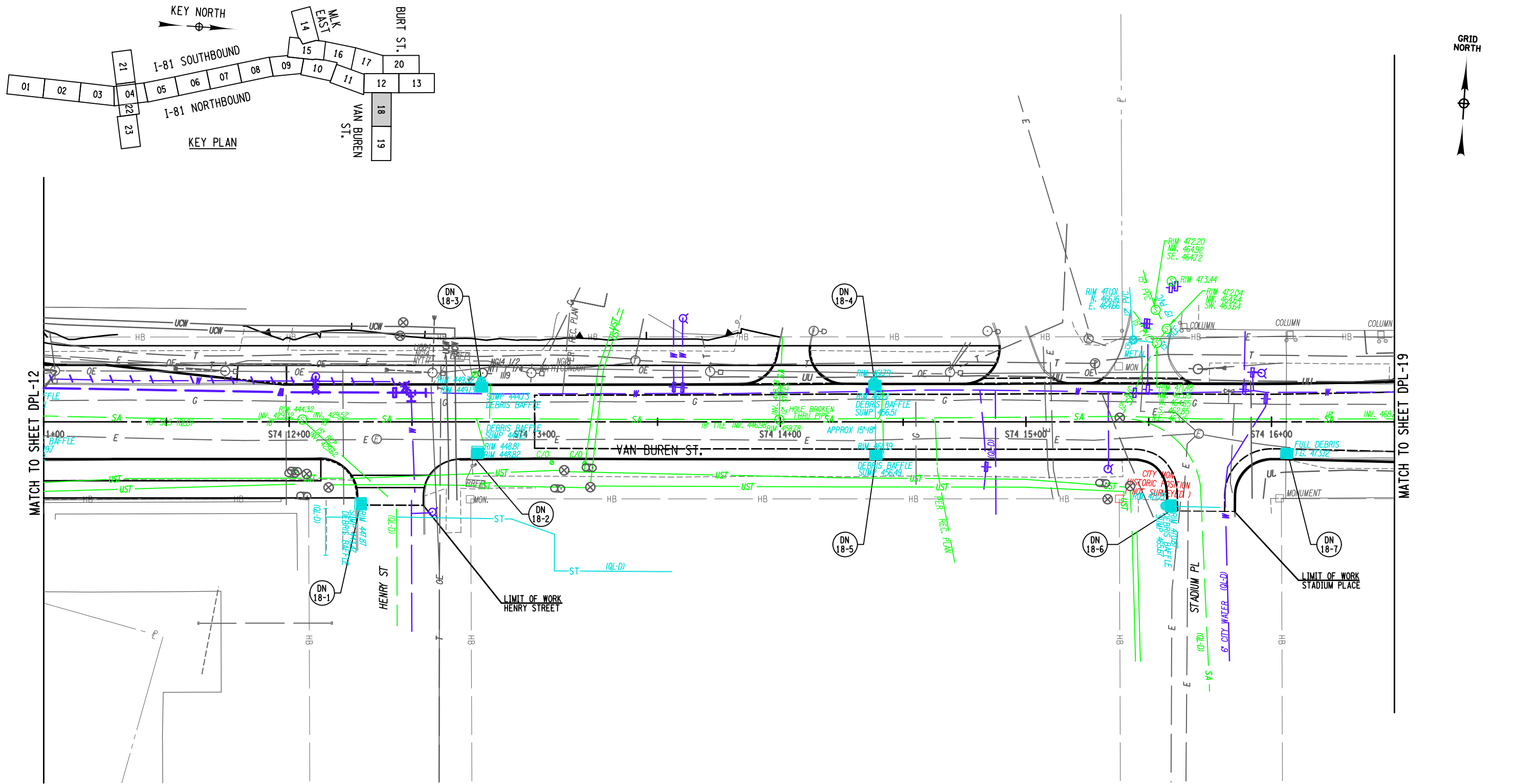
CONTRACT NUMBER
D265478
DRAWING NO. DPL-18
SHEET NO. 569

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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Department of
Transportation



NOTES:

- SEE DWGS. UP-01 THROUGH UP-23 FOR ADDITIONAL UTILITY INFORMATION.
- SEE DRAINAGE TABLES AND PROFILES FOR INVERT AND PIPE SLOPE INFORMATION.

AFFIX SEAL: ON:	ALTERED BY: ON:
	

LEGEND:

STORM SEWER REMOVAL
DRAINAGE REMOVAL



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5

BL 81 SOUTHERN SECTION

CITY OF SYRACUSE

COUNTY: ONONDAGA

REGION: 03

PIN 3501.94

UTILITY QUALITY LEVEL B
UNLESS OTHERWISE NOTED

BRIDGES
XXXXXXX
XXXXXXX

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

DRAINAGE PLAN
VAN BUREN ST. (2 OF 2)

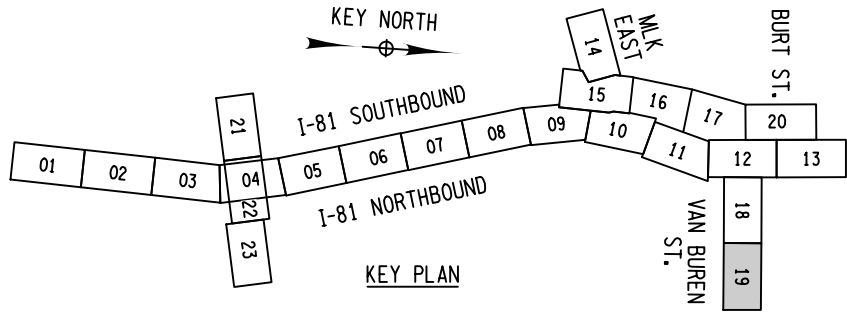
CONTRACT NUMBER
D265478

DRAWING NO. DPL-19
SHEET NO. 570

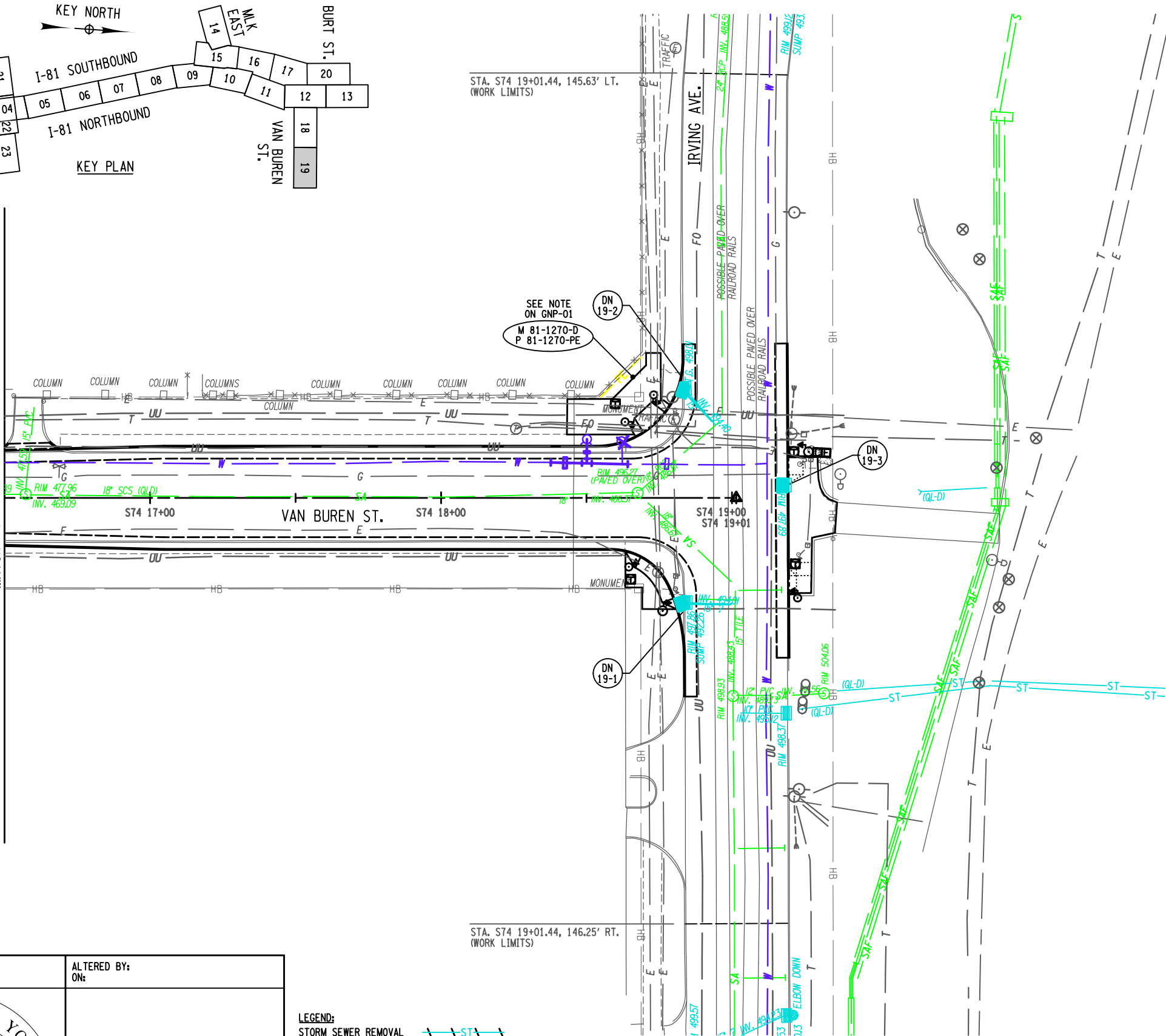
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



Department of
Transportation

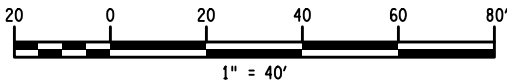


MATCH TO SHEET DPL-18



NOTES:

- SEE DWGS. UP-01 THROUGH UP-23 FOR ADDITIONAL UTILITY INFORMATION.
- SEE DRAINAGE TABLES AND PROFILES FOR INVERT AND PIPE SLOPE INFORMATION.



FILE NAME = ...\\Plans\\350194_cph_drrn.pln.dgn
DATE/TIME = 3/28/2024
USER = LBA

DESIGN SUPERVISOR W. DALEY, P.E.

JOB MANAGER C. ECKLUND, P.E.

DESIGN C. ECKLUND, P.E.

CHECK W. DALEY, P.E.

DRAFTING B. DEHAAN

CHECK C. ECKLUND, P.E.

PROJECT MANAGER L. GOSSELIN, P.E.

AFFIX SEAL:
ON:



ALTERED BY:
ON:

LEGEND:

STORM SEWER REMOVAL
DRAINAGE REMOVAL



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5

BL 81 SOUTHERN SECTION

CITY OF SYRACUSE

COUNTY: ONONDAGA

REGION: 03

PIN 3501.94

UTILITY QUALITY LEVEL B
UNLESS OTHERWISE NOTED

BRIDGES
XXXXXXX
XXXXXXX

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

DRAINAGE PLAN
BURT ST. (1 OF 1)

CONTRACT NUMBER
D265478

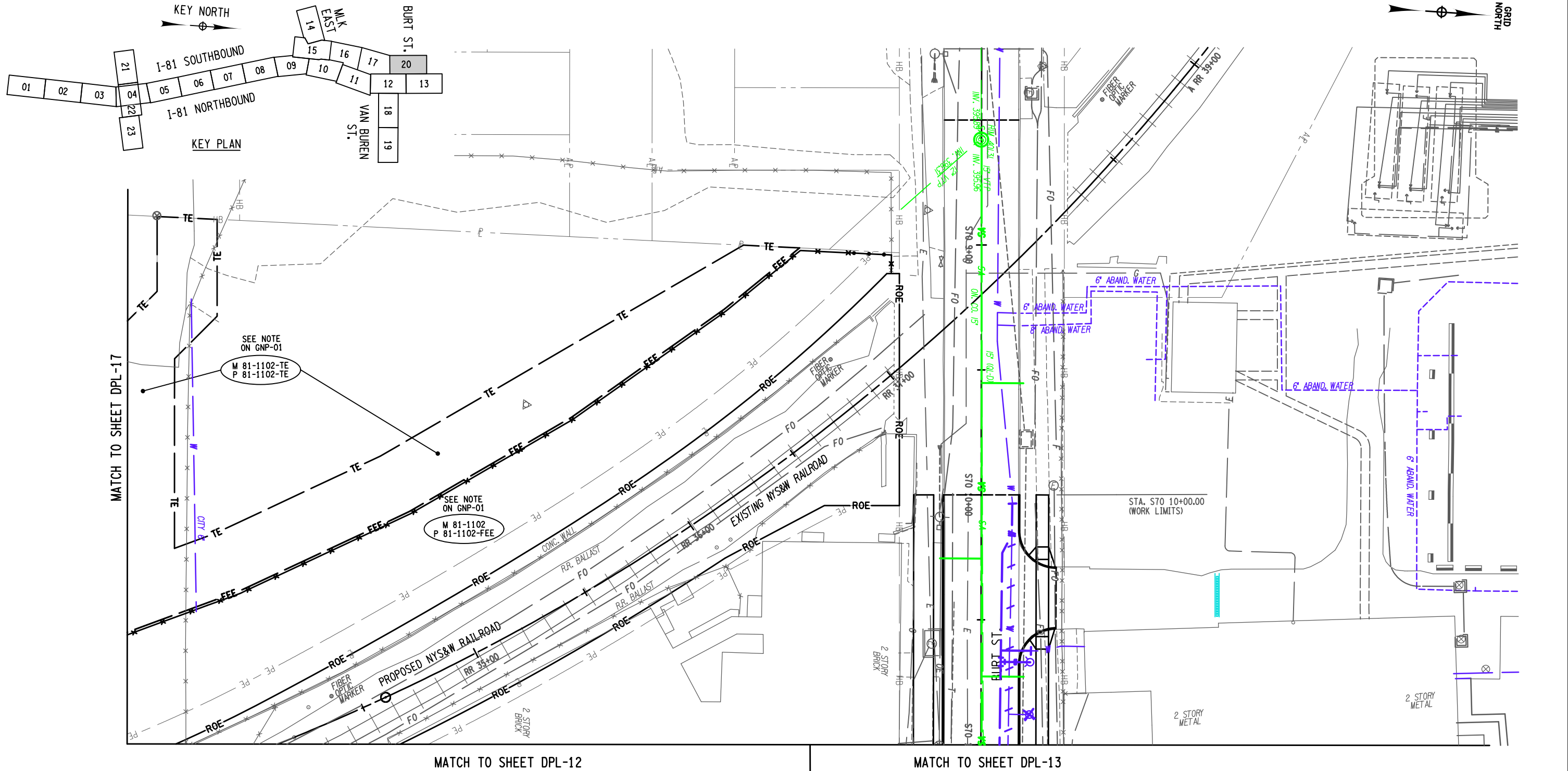
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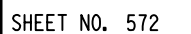
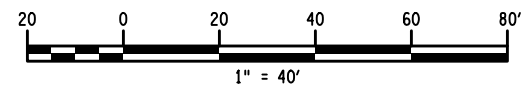
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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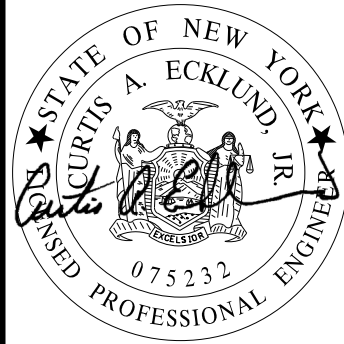


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USER = LBA

DESIGN SUPERVISOR W. DALEY, P.E. JOB MANAGER C. ECKLUND, P.E. DESIGN C. ECKLUND, P.E. CHECK W. DALEY, P.E. DRAFTING B. DEHAAN CHECK C. ECKLUND, P.E. PROJECT MANAGER L. GOSSELIN, P.E.

LEGEND:
STORM SEWER REMOVAL
DRAINAGE REMOVAL

AFFIX SEAL:
ON: 6/10/2024



ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5

BL 81 SOUTHERN SECTION

CITY OF SYRACUSE

COUNTY: ONONDAGA

REGION: 03

PIN 3501.94

UTILITY QUALITY LEVEL B
UNLESS OTHERWISE NOTED

BRIDGES
XXXXXXX
XXXXXXX

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

DRAINAGE PLAN
E COLVIN ST (2 OF 3)

CONTRACT NUMBER
D265478

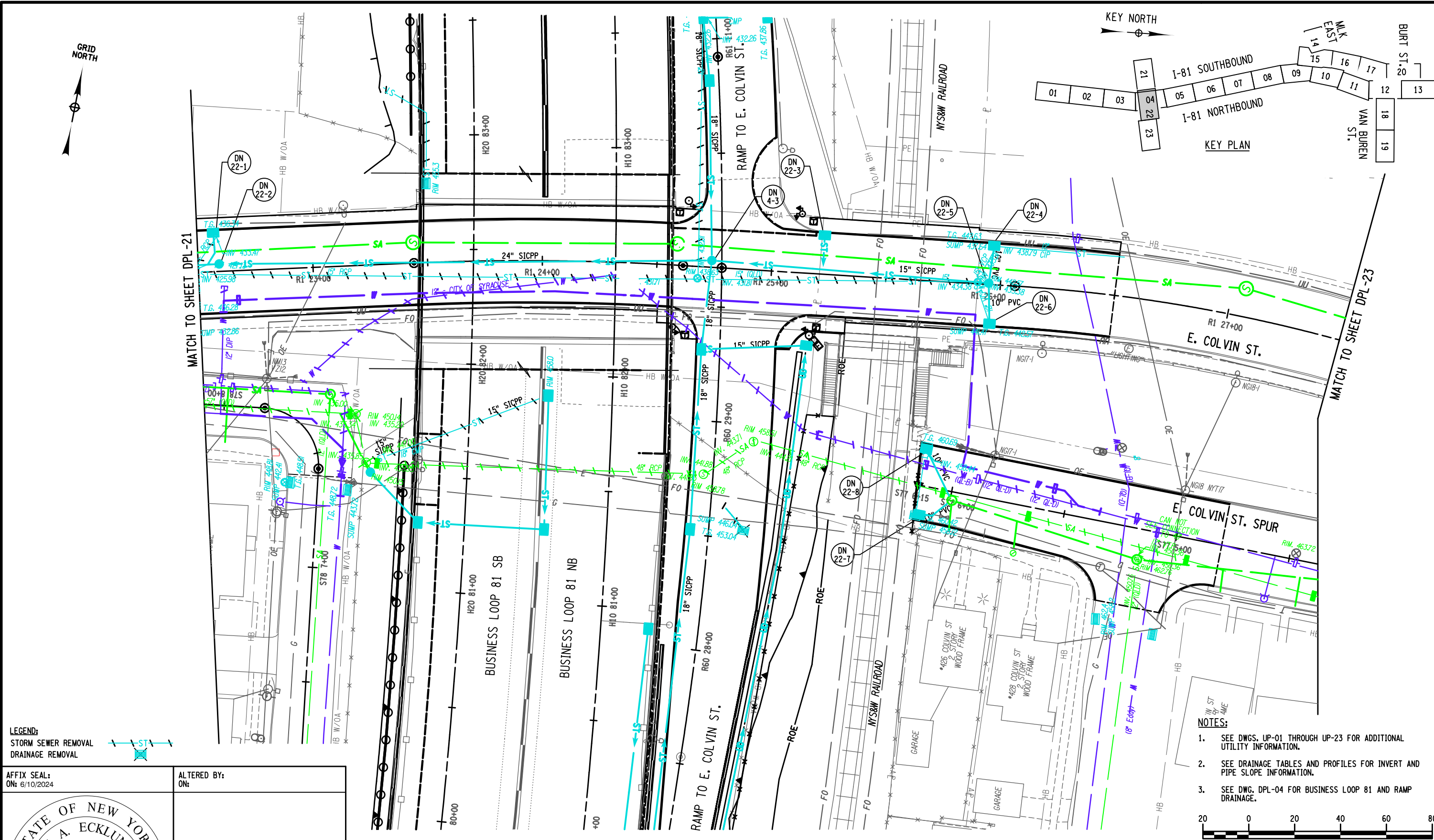
DRAWING NO. DPL-22
SHEET NO. 573

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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Transportation



AFFIX SEAL:
ON:



ALTERED BY:
ON:

LEGEND:
STORM SEWER REMOVAL
DRAINAGE REMOVAL

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5
BL 81 SOUTHERN SECTION
CITY OF SYRACUSE
COUNTY: ONONDAGA
REGION: 03

PIN 3501.94

UTILITY QUALITY LEVEL B
UNLESS OTHERWISE NOTED

BRIDGES
XXXXXXX
XXXXXXX

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

DRAINAGE PLAN
E COLVIN ST (3 OF 3)

CONTRACT NUMBER
D265478

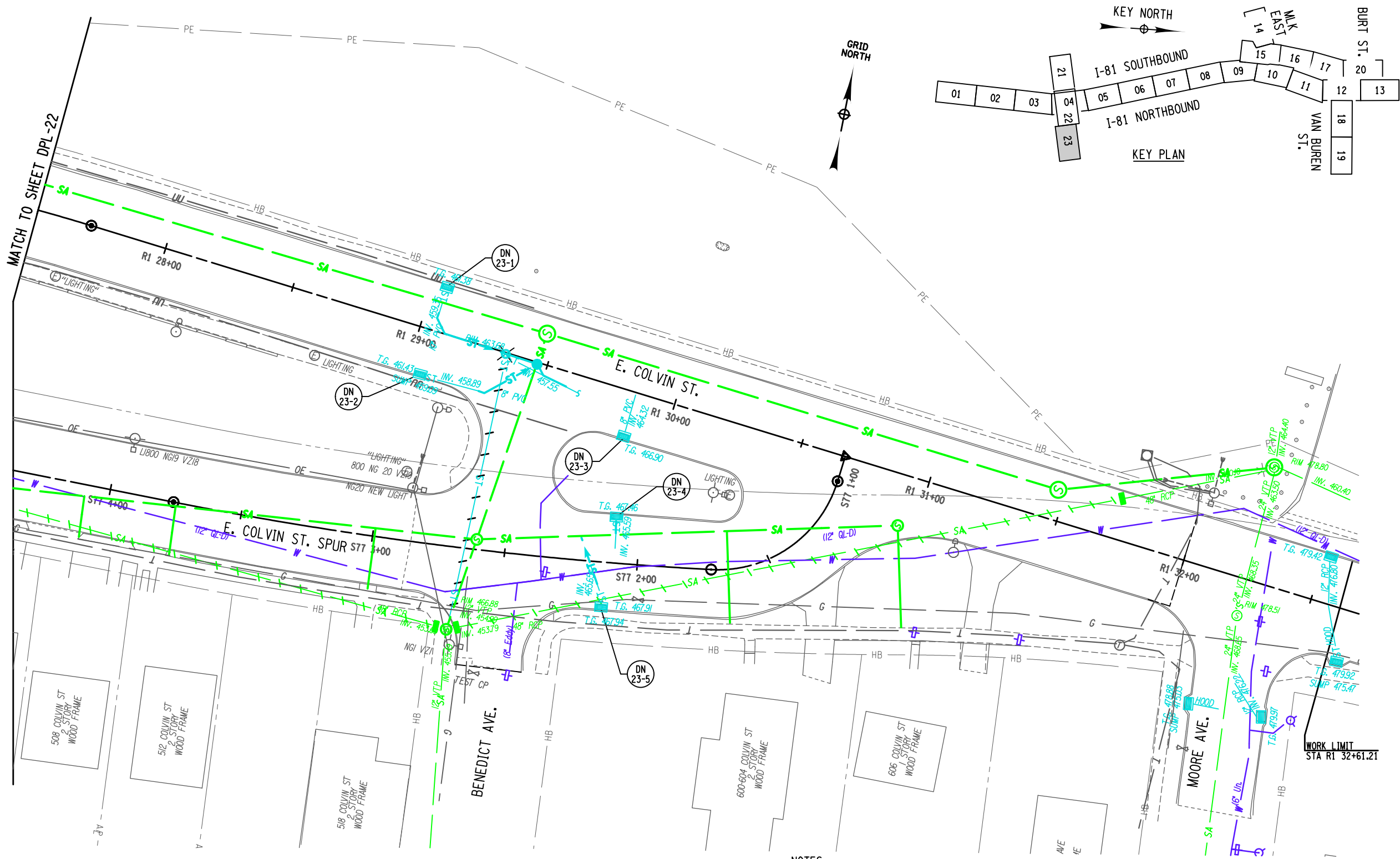
DRAWING NO. DPL-23
SHEET NO. 574

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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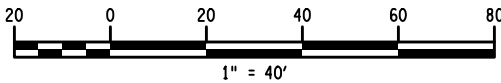
NEW YORK
OPPORTUNITY.

Department of
Transportation



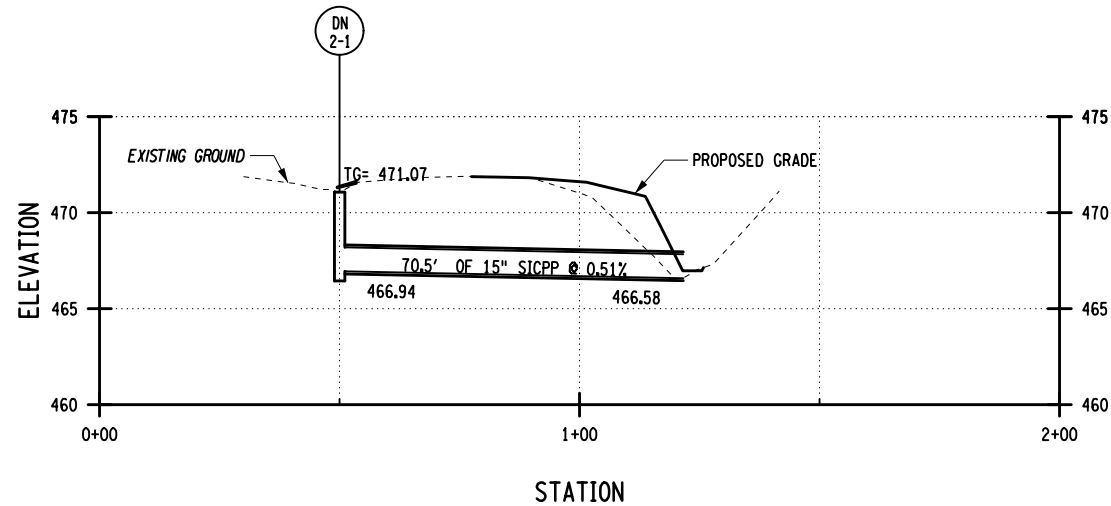
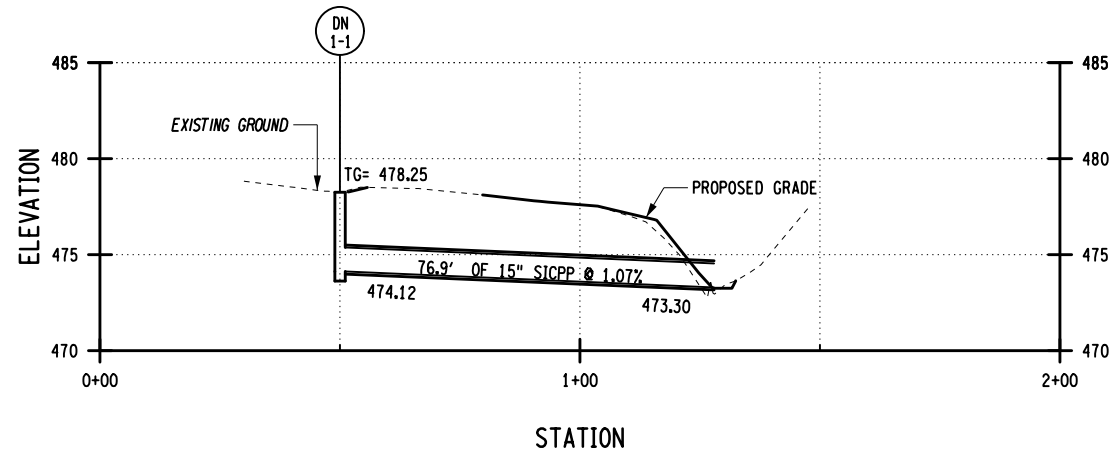
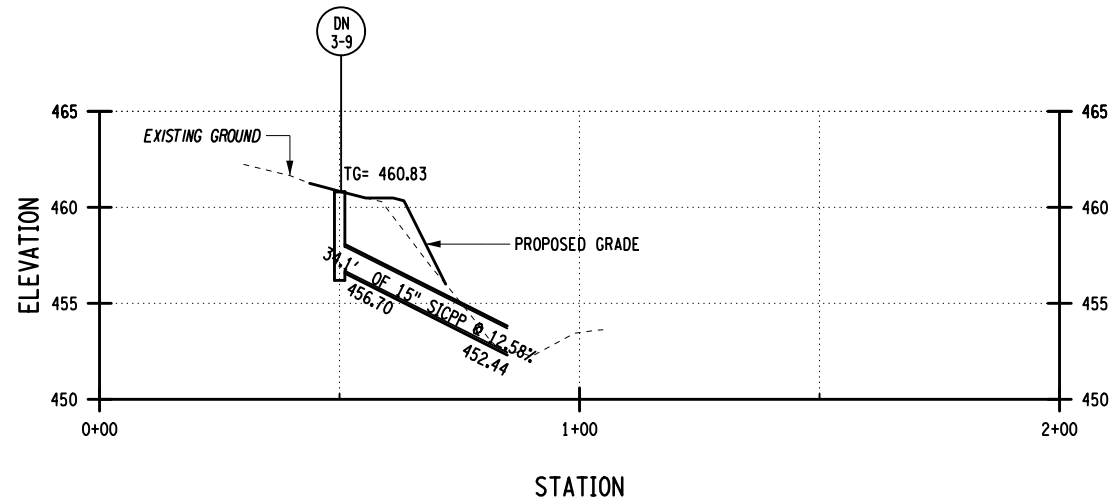
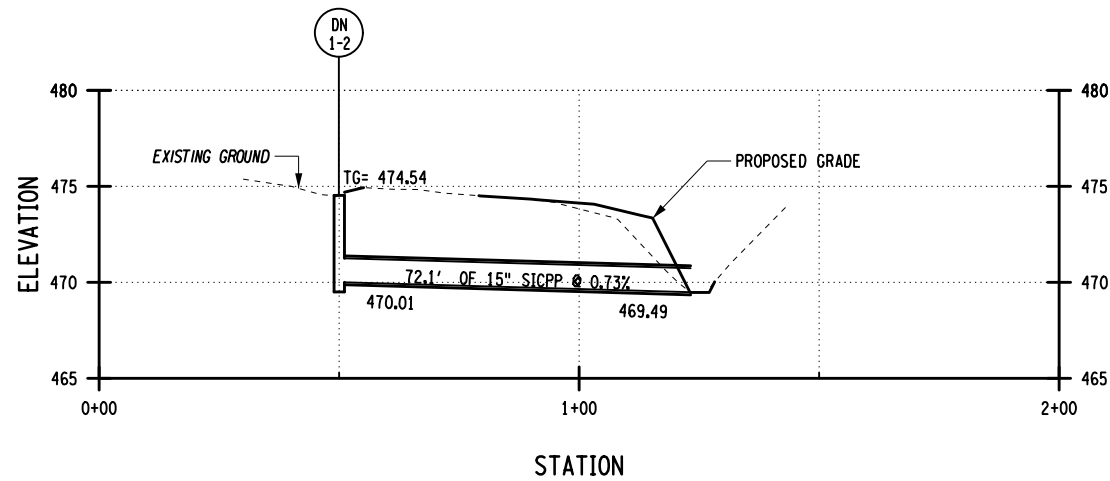
NOTES:

- SEE DWGS. UP-01 THROUGH UP-23 FOR ADDITIONAL UTILITY INFORMATION.
- SEE DRAINAGE TABLES AND PROFILES FOR INVERT AND PIPE SLOPE INFORMATION.
- CONNECT EXISTING CATCH BASIN LATERALS TO NEW SEWERS.



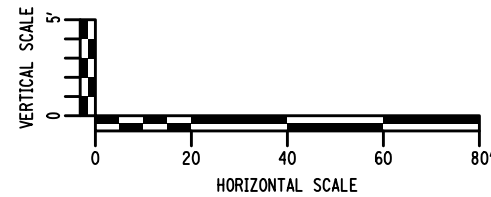
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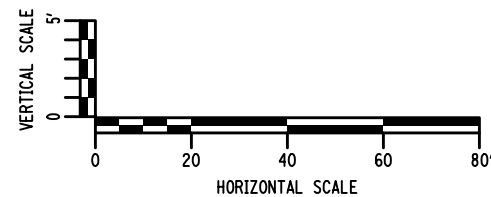
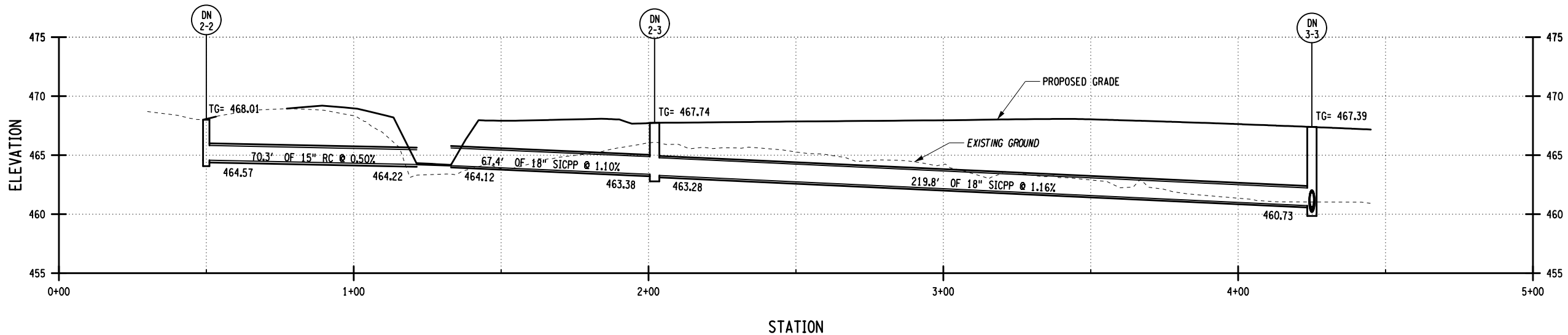
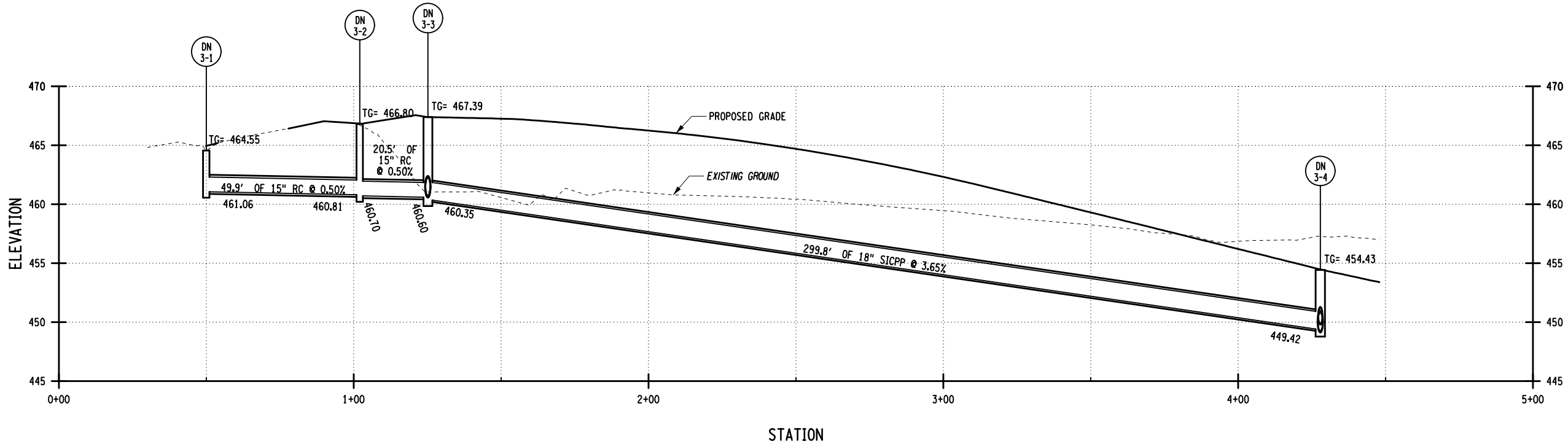
DESIGN SUPERVISOR **W. DALEY, P.E.** JOB MANAGER **C. ECKLUND, P.E.** DESIGN **C. ECKLUND, P.E.** CHECK **W. DALEY, P.E.** DRAFTING **B. DEHAAN** CHECK **C. ECKLUND, P.E.** PROJECT MANAGER **L. GOSSELIN, P.E.**



AFFIX SEAL: ON:	ALTERED BY: ON:
	

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5	PIN 3501.94	BRIDGES XXXXXXX XXXXXXX	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
	BL 81 SOUTHERN SECTION	UTILITY QUALITY LEVEL B UNLESS OTHERWISE NOTED			DRAINAGE PROFILES	DRAWING NO. DPR-01 SHEET NO. 575
	CITY OF SYRACUSE					
	COUNTY: ONONDAGA	REGION: 03				
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						





AFFIX SEAL: ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5	PIN 3501.94	BRIDGES XXXXXXX XXXXXXX	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
	BL 81 SOUTHERN SECTION	UTILITY QUALITY LEVEL B UNLESS OTHERWISE NOTED				DRAWING NO. DPR-02
	CITY OF SYRACUSE				DRAINAGE PROFILES	SHEET NO. 576
	COUNTY: ONONDAGA	REGION: 03				

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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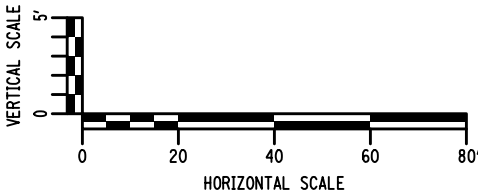
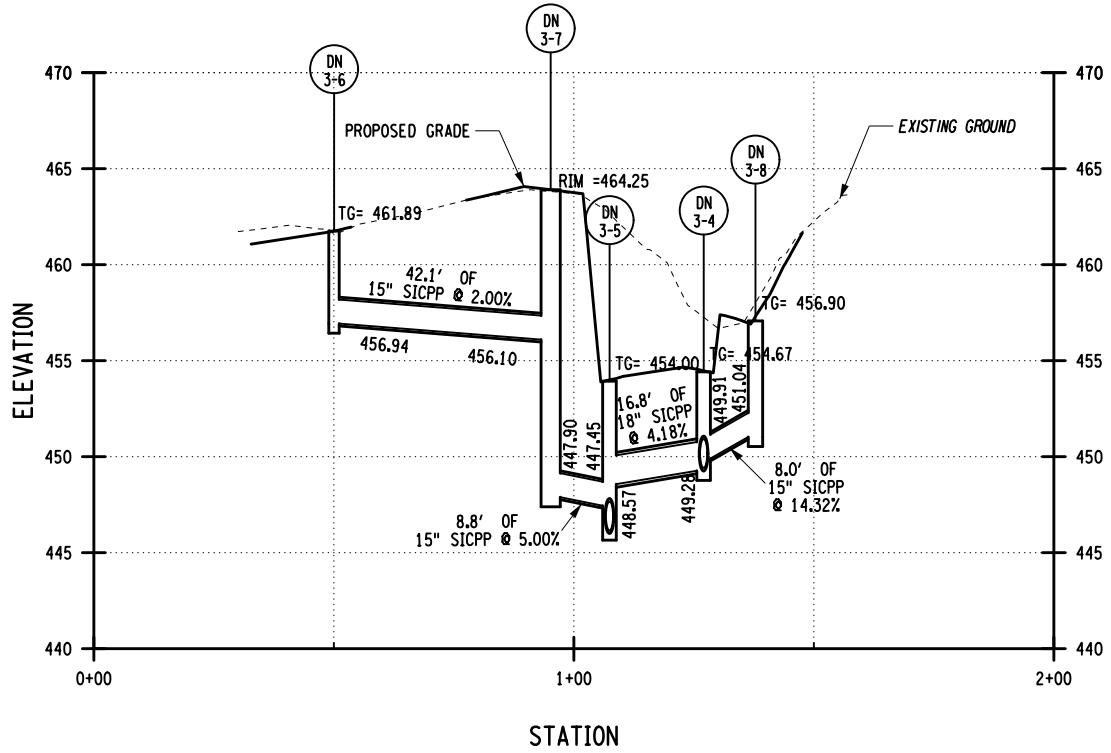
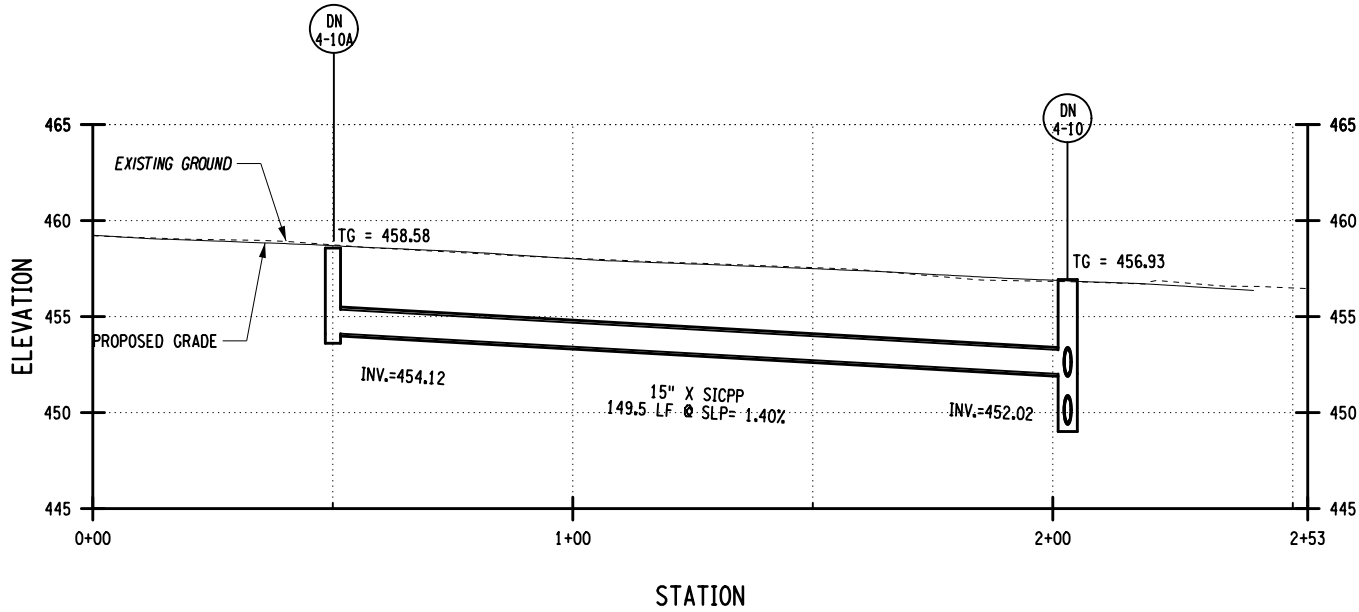
Department of Transportation

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DATE/TIME = 3/28/2024
USER = LBA

DESIGN SUPERVISOR **W. DALEY, P.E.** JOB MANAGER **C. ECKLUND, P.E.** DESIGN **C. ECKLUND, P.E.** CHECK **W. DALEY, P.E.** DRAFTING **B. DEHAAN** CHECK **C. ECKLUND, P.E.** PROJECT MANAGER **L. GOSSELIN, P.E.**

FIELD REVISION SHEET

- DATE: 08/26/2025
- DELETED DRAINAGE RUN PROFILE DN 4-8 TO DN 3-7.
 - ADDED DRAINAGE RUN PROFILE DN 4-10A TO DN 4-10.



AFFIX SEAL:
ON: 8/26/2025

ALTERED BY:
ON:

STATE OF NEW YORK
CURTIS A. ECKLUND, JR.
075232
REGISTERED PROFESSIONAL ENGINEER

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5

BL 81 SOUTHERN SECTION

CITY OF SYRACUSE

COUNTY: ONONDAGA

REGION: 03

PIN 3501.94

UTILITY QUALITY LEVEL B
UNLESS OTHERWISE NOTED

BRIDGES
XXXXXXX
XXXXXXX

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

DRAINAGE PROFILES

CONTRACT NUMBER
D265478

DRAWING NO. DPR-03
SHEET NO. 577R1

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

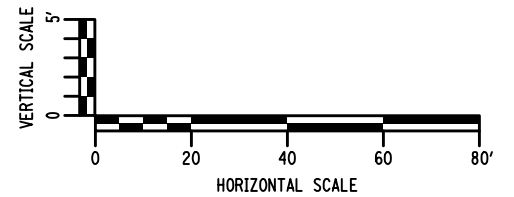
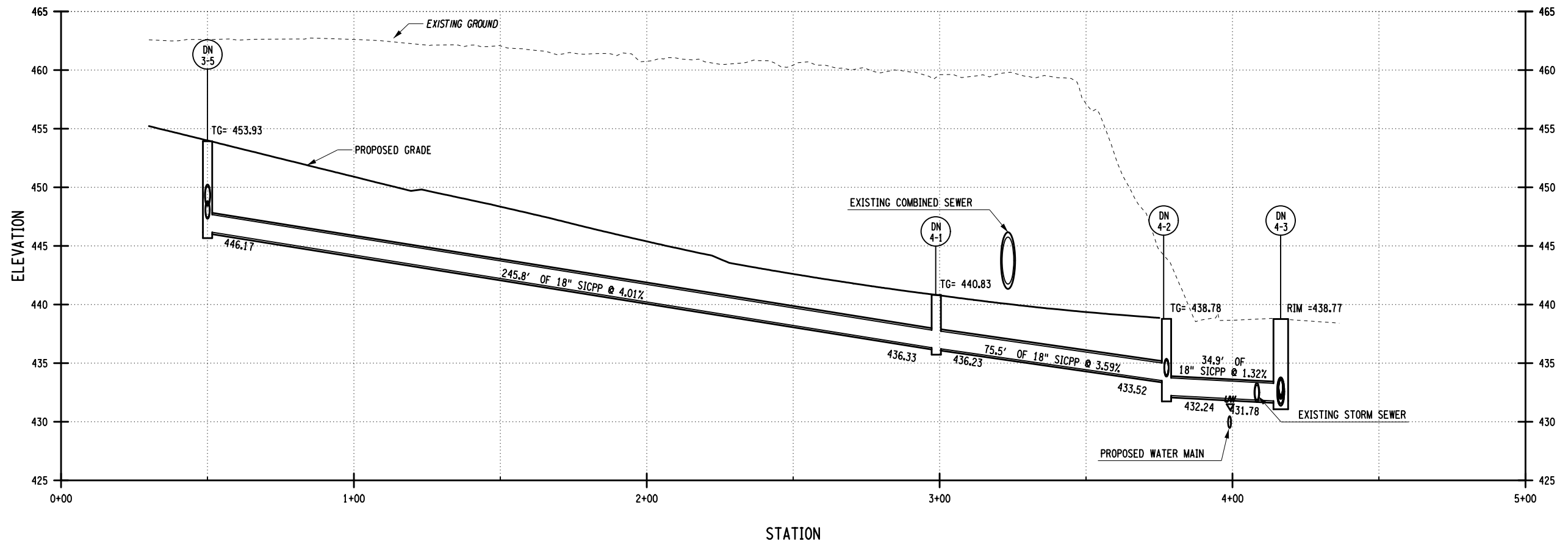
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Department of
Transportation

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USER = LBA

DESIGN SUPERVISOR **W. DALEY, P.E.** JOB MANAGER **C. ECKLUND, P.E.** DESIGN **C. ECKLUND, P.E.** CHECK **W. DALEY, P.E.** DRAFTING **B. DEHAAN** CHECK **C. ECKLUND, P.E.** PROJECT MANAGER **L. GOSSELIN, P.E.**

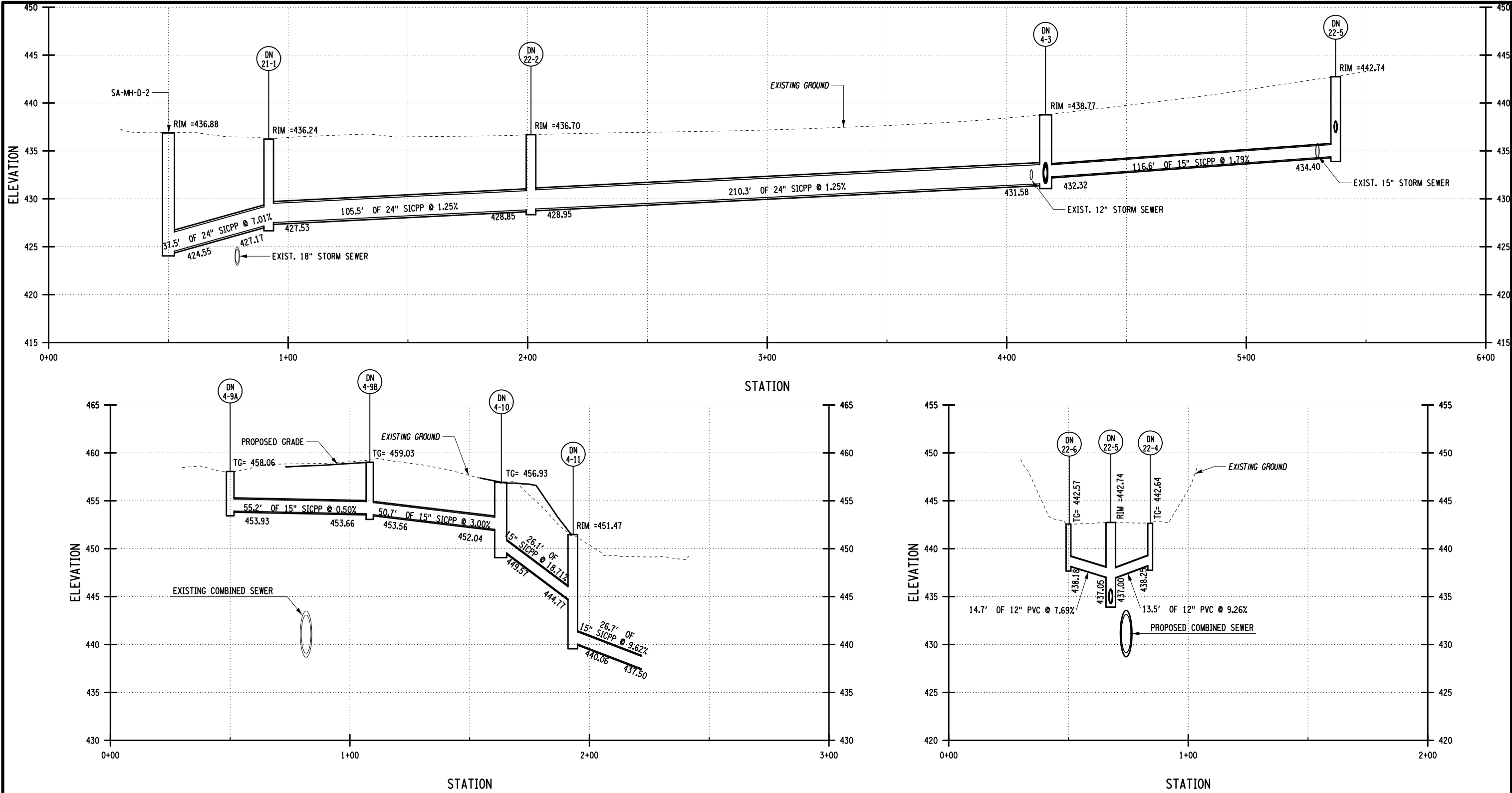


AFFIX SEAL: ON: 6/10/2024	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5	PIN 3501.94	BRIDGES XXXXXXX XXXXXXX	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
	BL 81 SOUTHERN SECTION	UTILITY QUALITY LEVEL B UNLESS OTHERWISE NOTED			DRAINAGE PROFILES	DRAWING NO. DPR-04
	CITY OF SYRACUSE					SHEET NO. 578
	COUNTY: ONONDAGA	REGION: 03				
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						
			LaBella Powered by partnership.		Department of Transportation	

FILE NAME = ...\\Planset\\350194_cph_drn_prod.dgn
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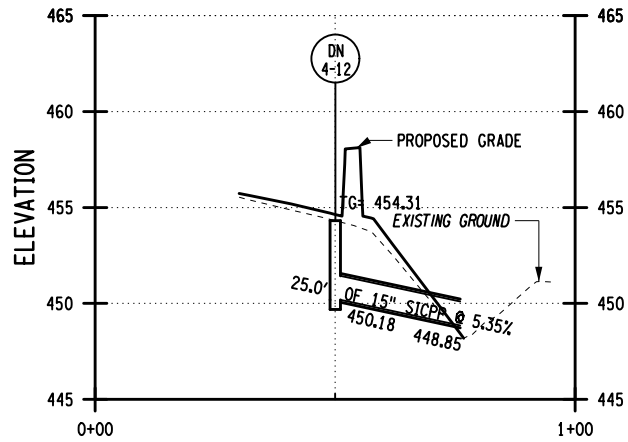
DESIGN SUPERVISOR W. DALEY, P.E. JOB MANAGER C. ECKLUND, P.E. DESIGN C. ECKLUND, P.E. CHECK W. DALEY, P.E. DRAFTING B. DEHAAN CHECK C. ECKLUND, P.E. PROJECT MANAGER L. GOSSELIN, P.E.



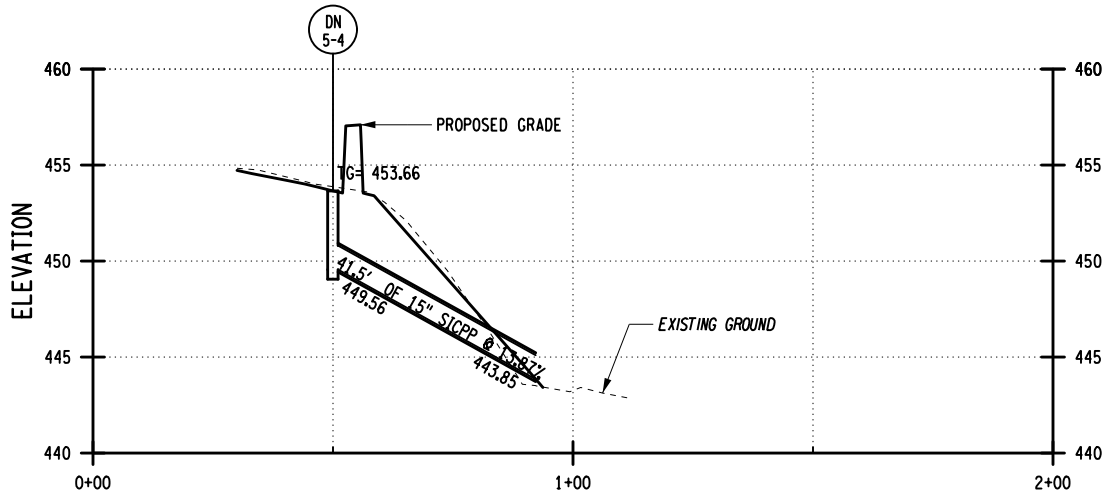
AFFIX SEAL: ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5	PIN 3501.94	BRIDGES XXXXXXX XXXXXXX	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED DRAINAGE PROFILES	CONTRACT NUMBER D265478
	BL 81 SOUTHERN SECTION	UTILITY QUALITY LEVEL B UNLESS OTHERWISE NOTED				DRAWING NO. DPR-05
	CITY OF SYRACUSE					SHEET NO. 579
	COUNTY: ONONDAGA REGION: 03					

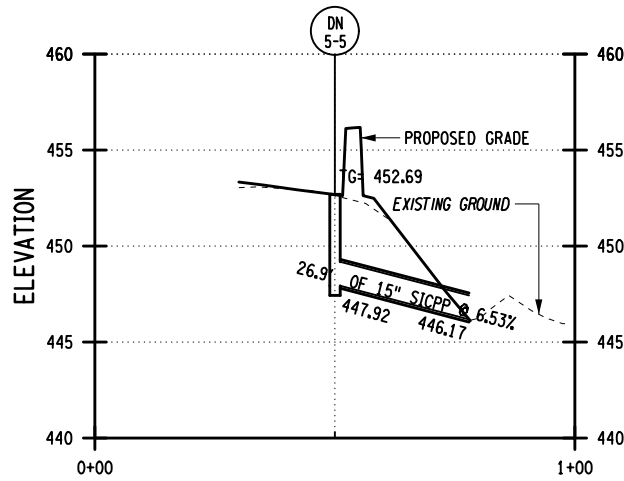
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



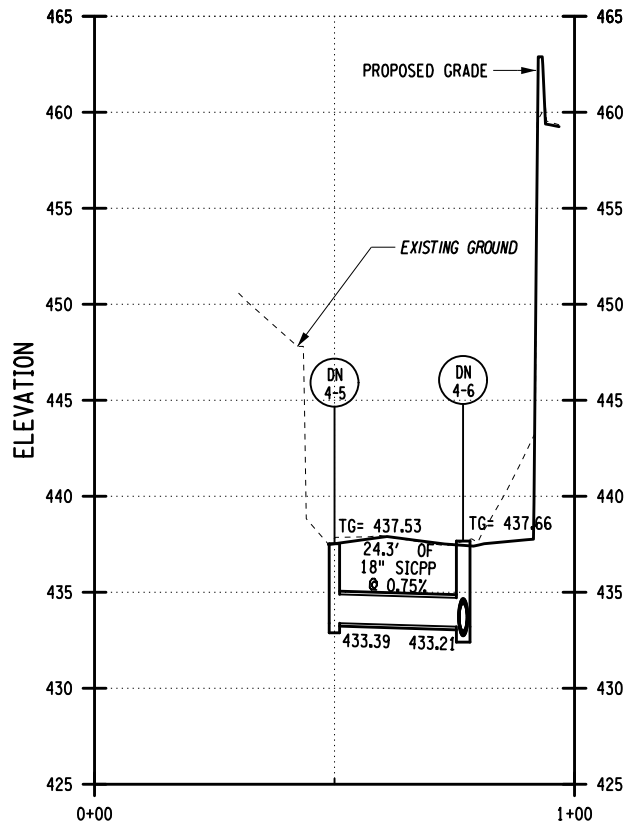
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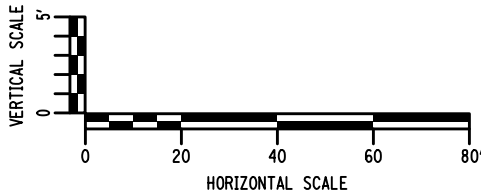
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AFFIX SEAL: ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5	PIN 3501.94	BRIDGES XXXXXXX XXXXXXX	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
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	CITY OF SYRACUSE					
	COUNTY: ONONDAGA	REGION: 03				

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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DESIGN SUPERVISOR W. DALEY, P.E.

JOB MANAGER C. ECKLUND, P.E.

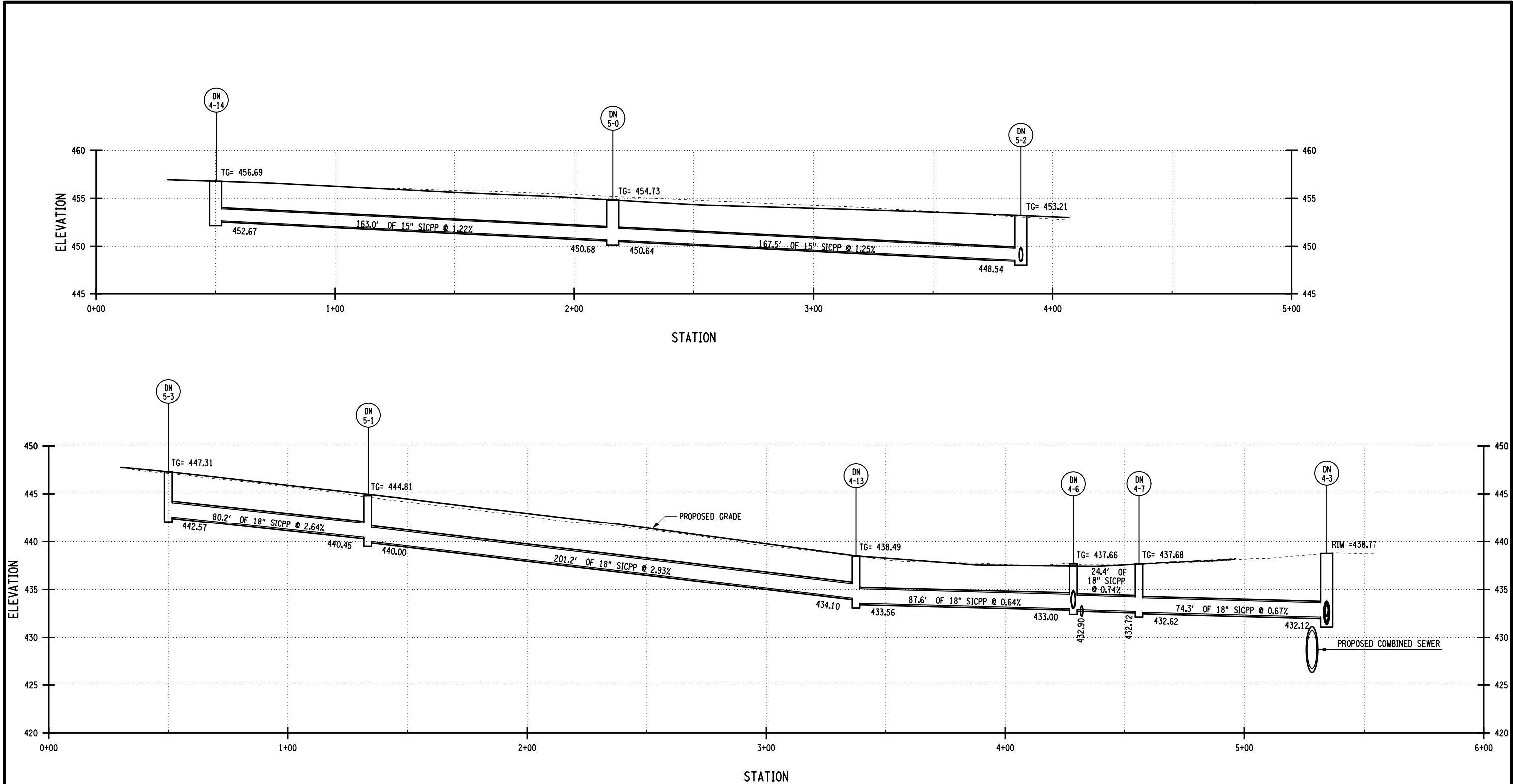
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CHECK W. DALEY, P.E.

DRAFTING B. DEHAAN

CHECK C. ECKLUND, P.E.

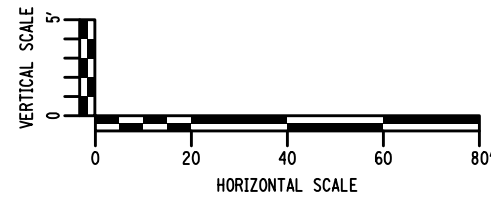
PROJECT MANAGER L. GOSSELIN, P.E.



AFFIX SEAL:
ON: 6/10/2024

ALTERED BY:
ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5	PIN 3501.94	BRIDGES XXXXXXX XXXXXXX	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
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	CITY OF SYRACUSE					
	COUNTY: ONONDAGA REGION: 03					
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						
					 LaBella Powered by partnership.	 NEW YORK STATE OF OPPORTUNITY.
					Department of Transportation	



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DESIGN SUPERVISOR W. DALEY, P.E.

JOB MANAGER C. ECKLUND, P.E.

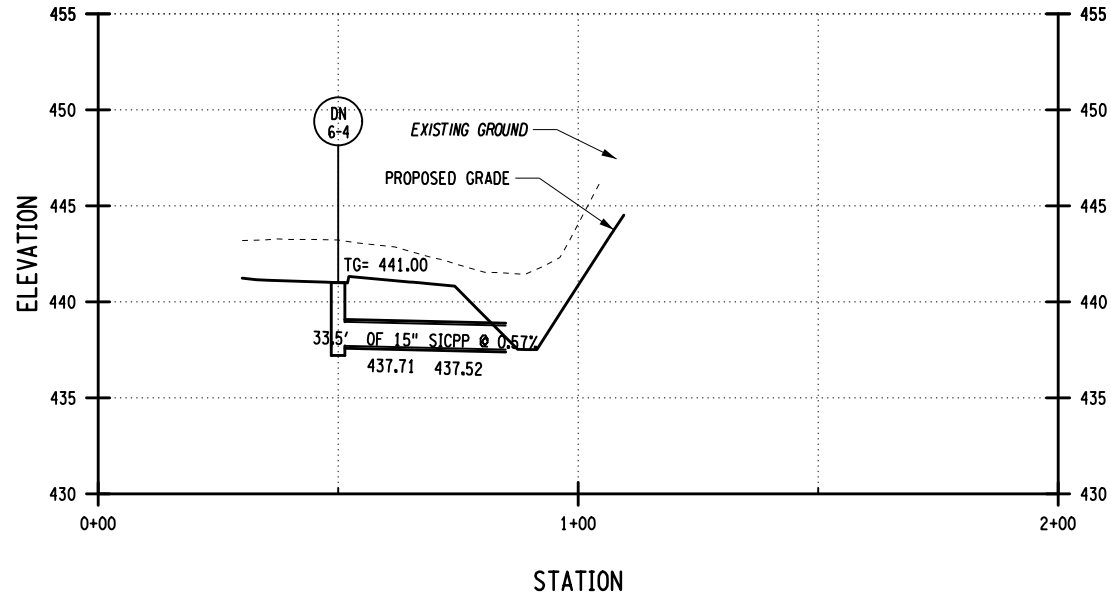
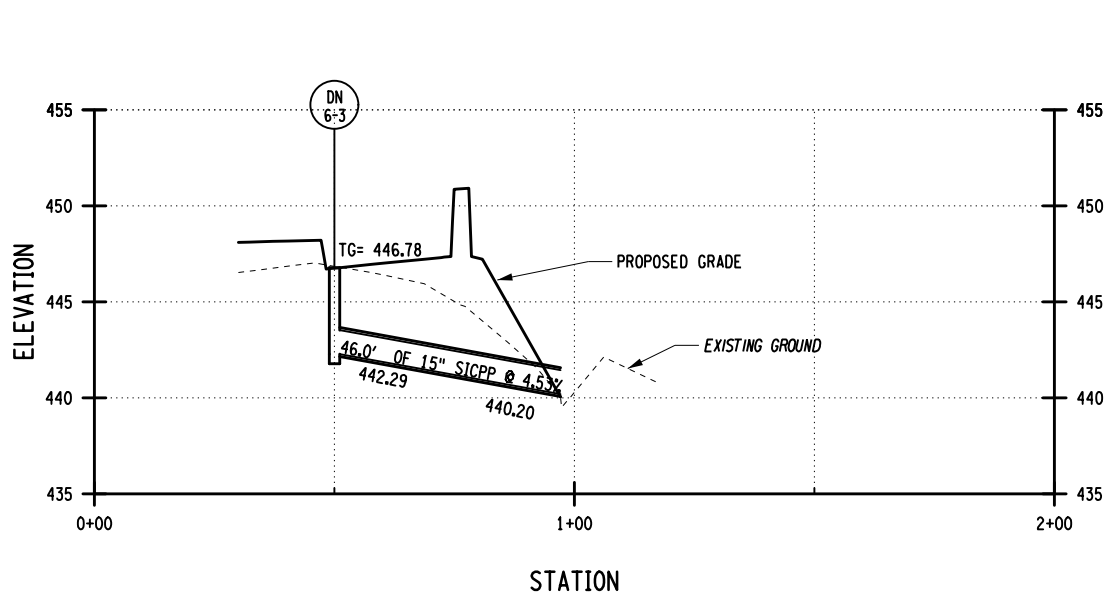
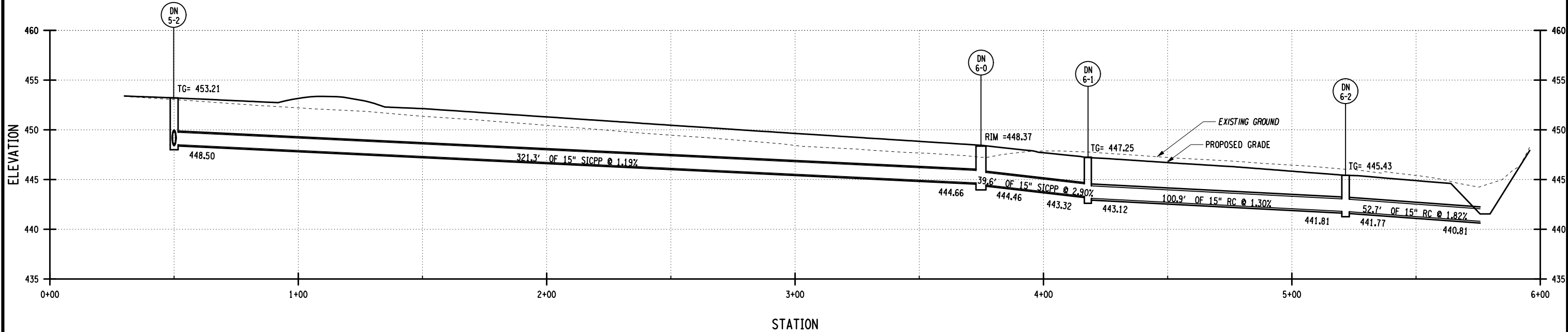
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CHECK W. DALEY, P.E.

DRAFTING B. DEHAAN

CHECK C. ECKLUND, P.E.

PROJECT MANAGER L. GOSSELIN, P.E.



AFFIX SEAL:
ON: 6/10/2024

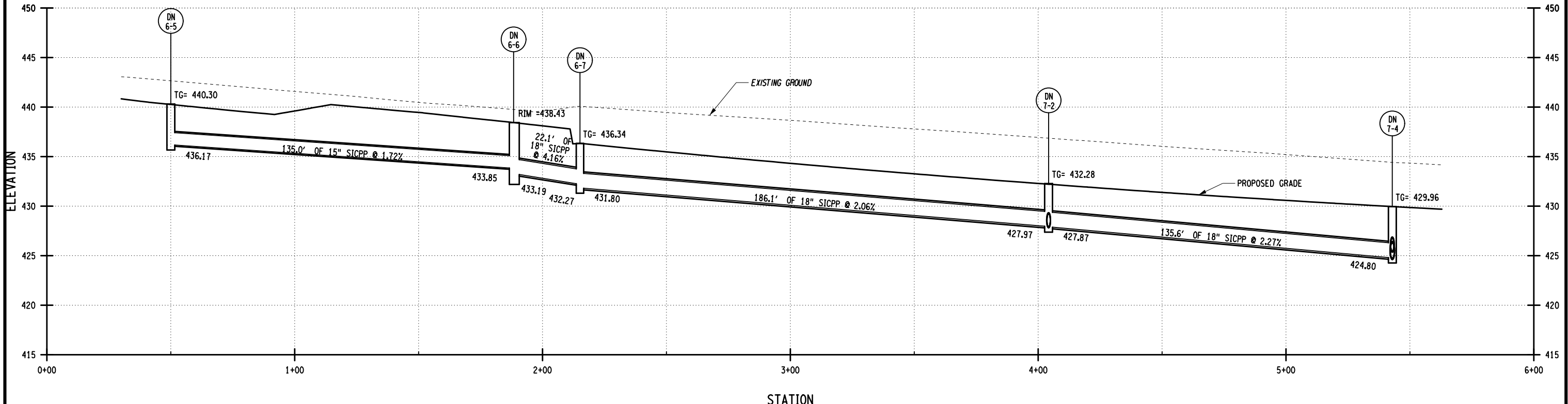
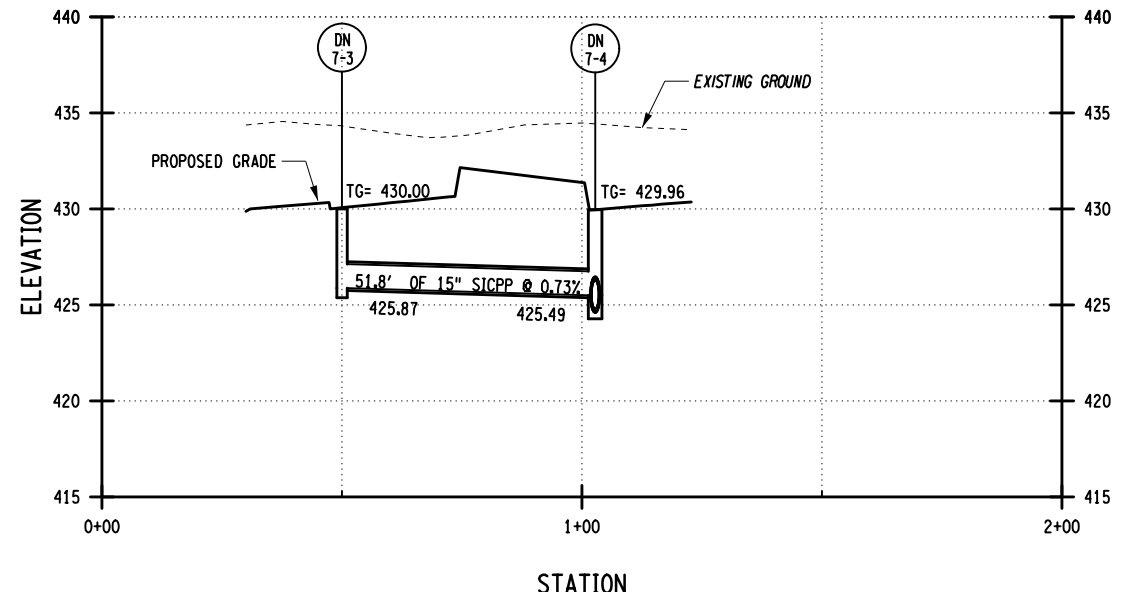
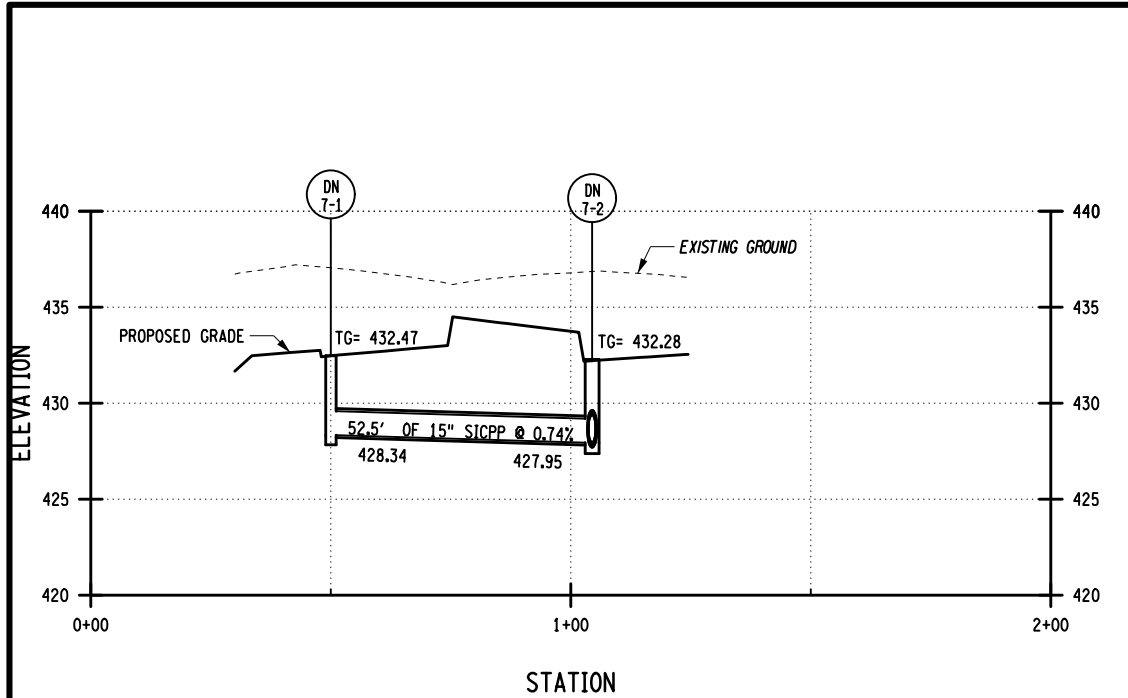
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AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5	PIN 3501.94	BRIDGES XXXXXXX XXXXXXX	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
	BL 81 SOUTHERN SECTION	UTILITY QUALITY LEVEL B UNLESS OTHERWISE NOTED			DRAINAGE PROFILES	DRAWING NO. DPR-08
	CITY OF SYRACUSE					SHEET NO. 582
	COUNTY: ONONDAGA	REGION: 03				

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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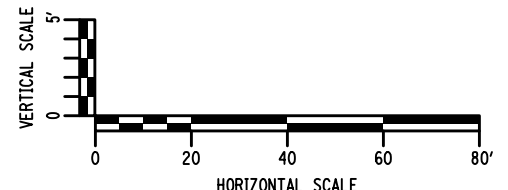
DESIGN SUPERVISOR W. DALEY, P.E. JOB MANAGER C. ECKLUND, P.E. DESIGN C. ECKLUND, P.E. CHECK W. DALEY, P.E. DRAFTING B. DEHAAN CHECK C. ECKLUND, P.E. PROJECT MANAGER L. GOSSELIN, P.E.



AFFIX SEAL: ON: 6/10/2024	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5	PIN 3501.94	BRIDGES XXXXXXX XXXXXXX	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED DRAINAGE PROFILES	CONTRACT NUMBER D265478
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	CITY OF SYRACUSE					SHEET NO. 583
	COUNTY: ONONDAGA	REGION: 03				

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



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DESIGN SUPERVISOR W. DALEY, P.E.

JOB MANAGER C. ECKLUND, P.E.

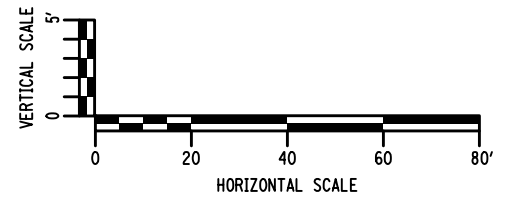
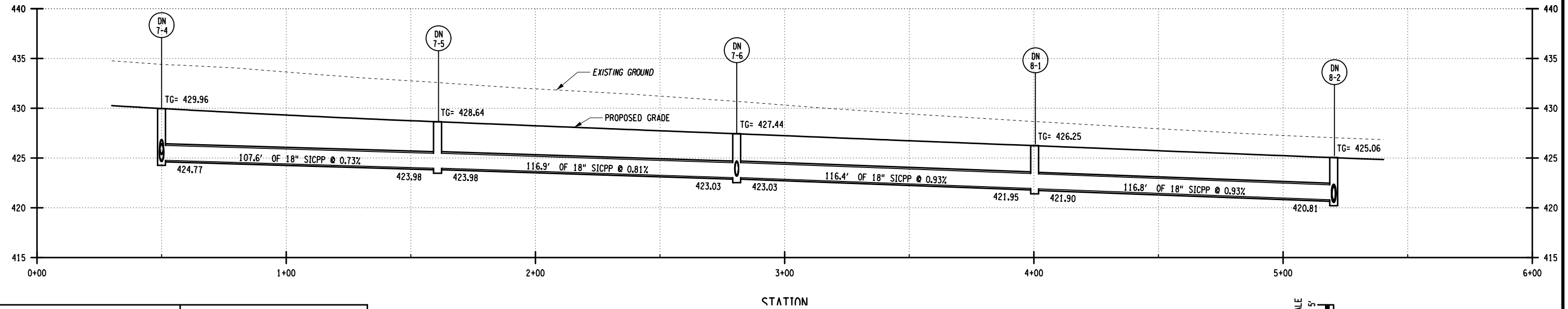
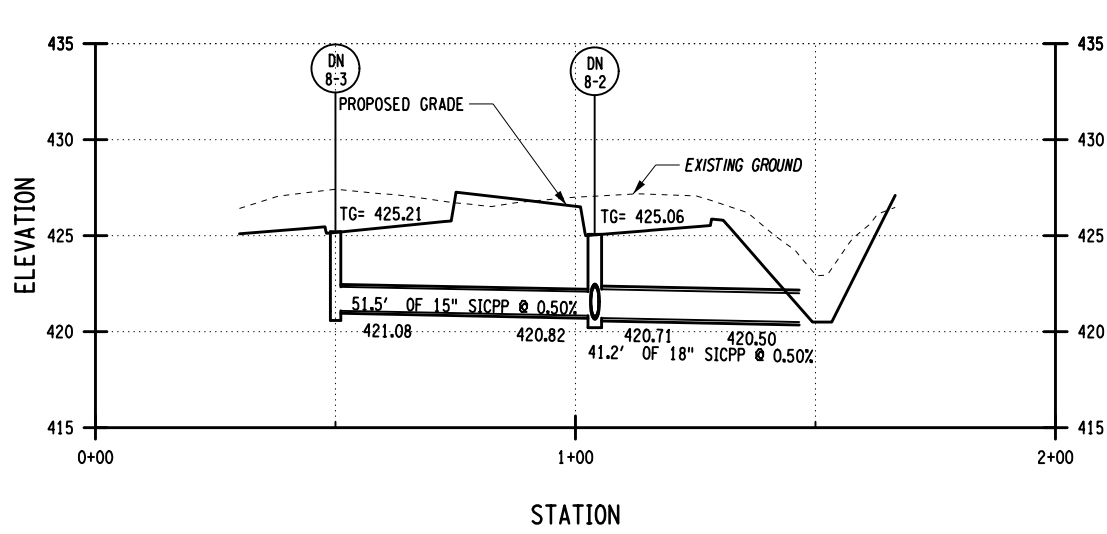
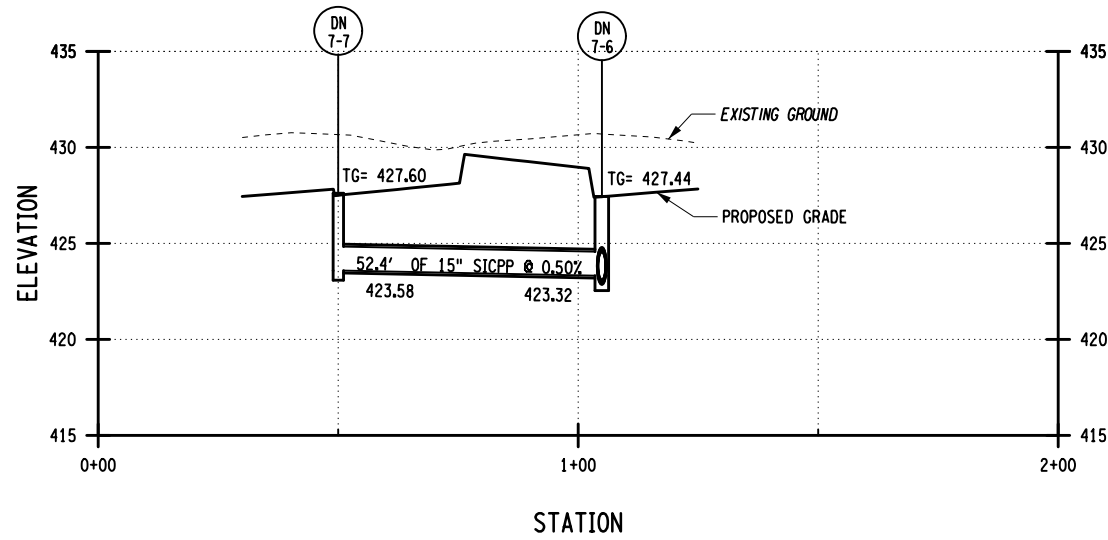
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DRAFTING B. DEHAAN

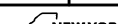
CHECK C. ECKLUND, P.E.

PROJECT MANAGER L. GOSSELIN, P.E.



AFFIX SEAL:
ON: 6/10/2024

ALTERED BY:
ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5	PIN 3501.94	BRIDGES XXXXXXX XXXXXXX	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478	
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	CITY OF SYRACUSE						
	COUNTY: ONONDAGA					REGION: 03	
DRAWING NO. DPR-10 SHEET NO. 584							
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.							
					 LaBella Powered by partnership.	 NEW YORK STATE OF OPPORTUNITY.	Department of Transportation

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JOB MANAGER C. ECKLUND, P.E.

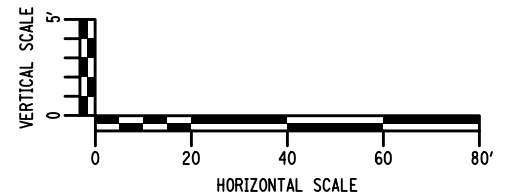
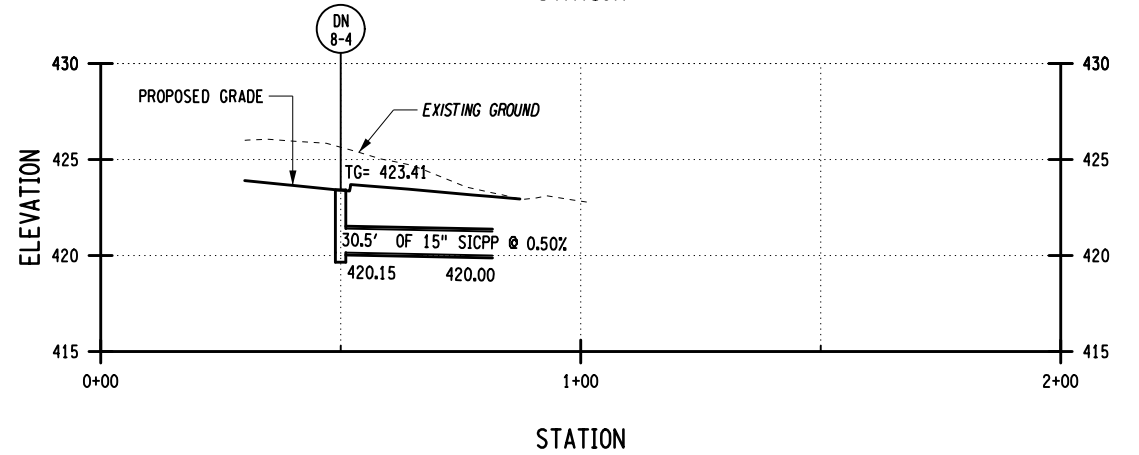
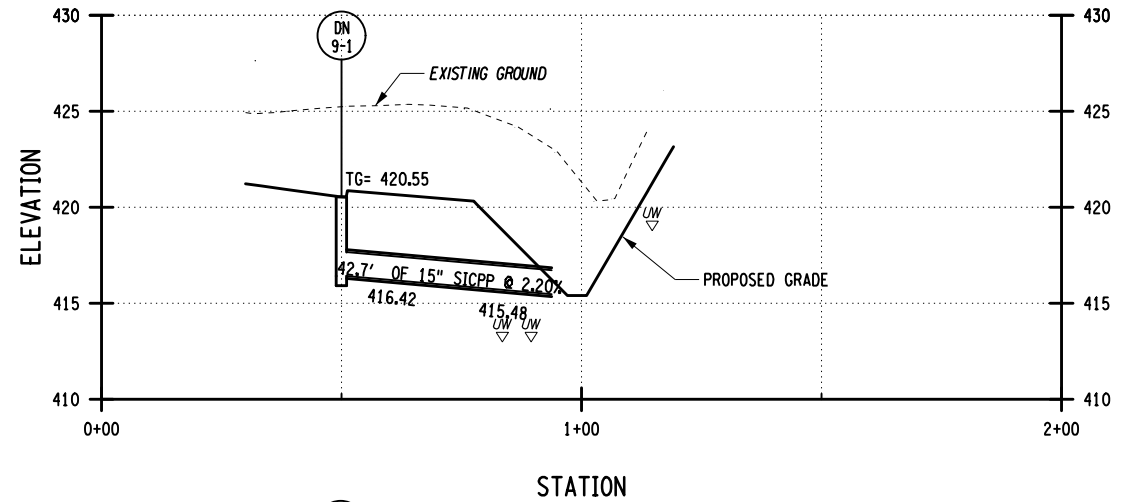
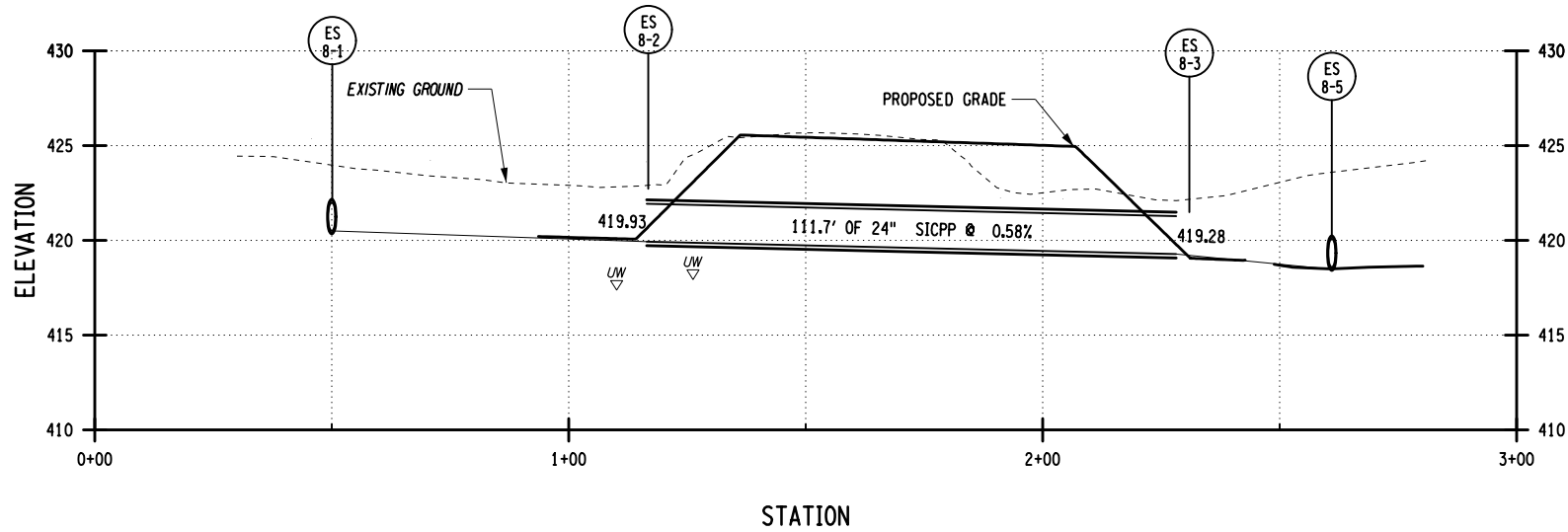
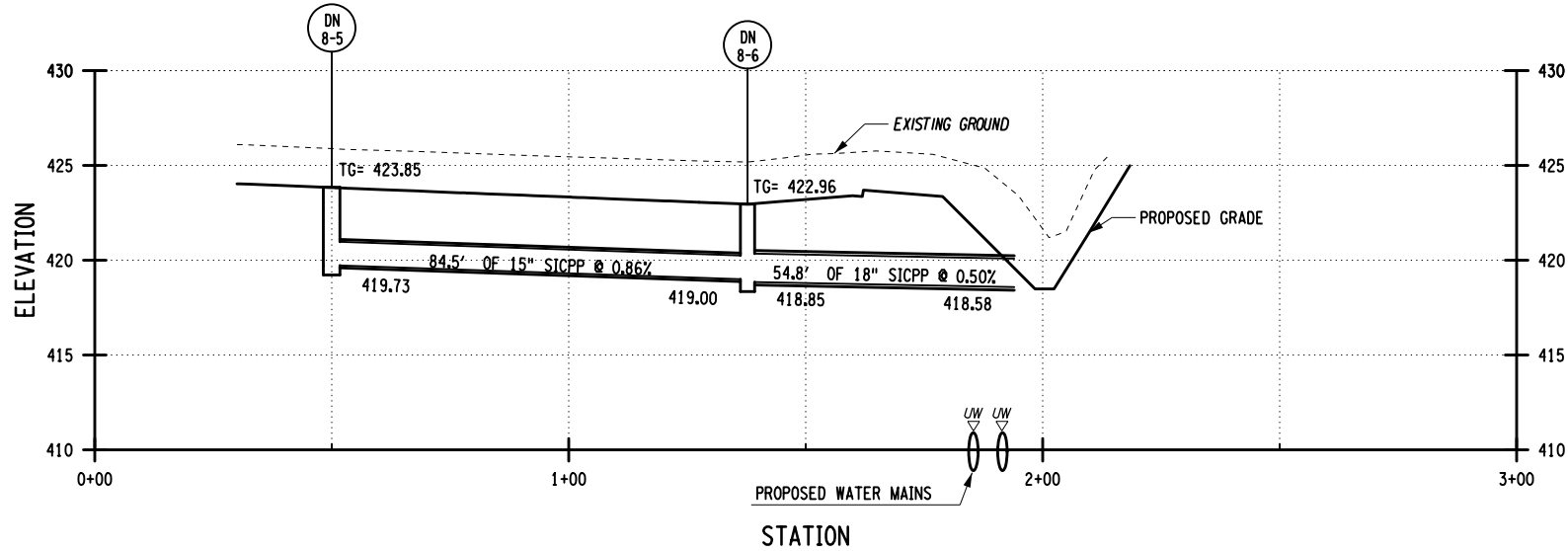
DESIGN C. ECKLUND, P.E.

CHECK W. DALEY, P.E.

DRAFTING B. DEHAAN

CHECK C. ECKLUND, P.E.

PROJECT MANAGER L. GOSSELIN, P.E.



AFFIX SEAL: ON: 6/10/2024	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5	PIN 3501.94	BRIDGES XXXXXXX XXXXXXX	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
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	CITY OF SYRACUSE					
	COUNTY: ONONDAGA	REGION: 03				

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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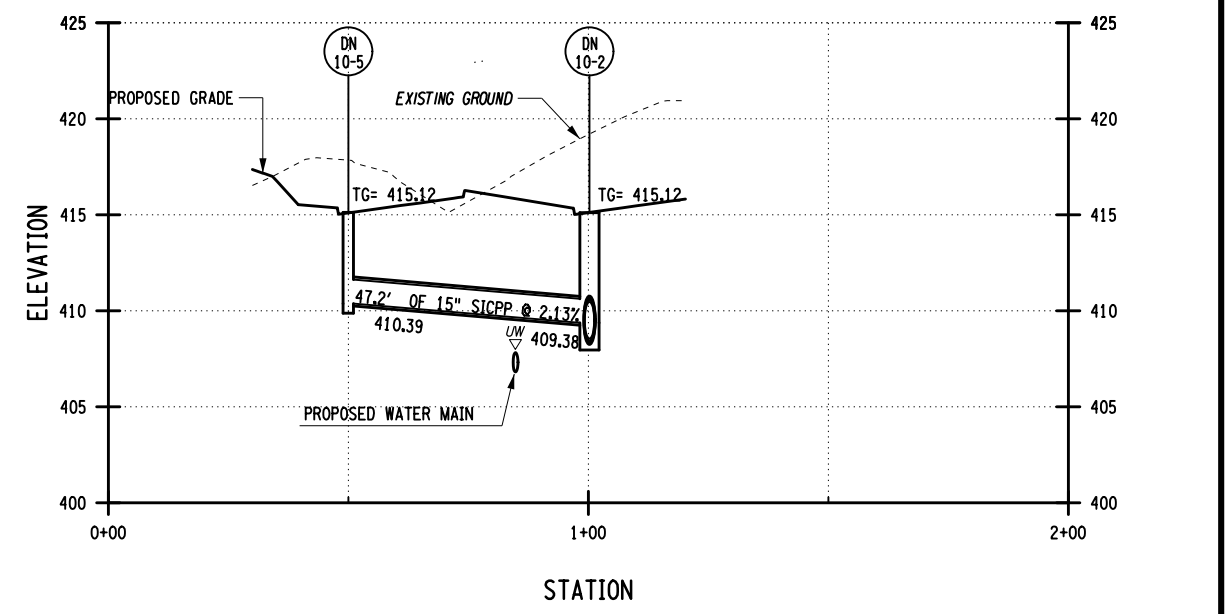
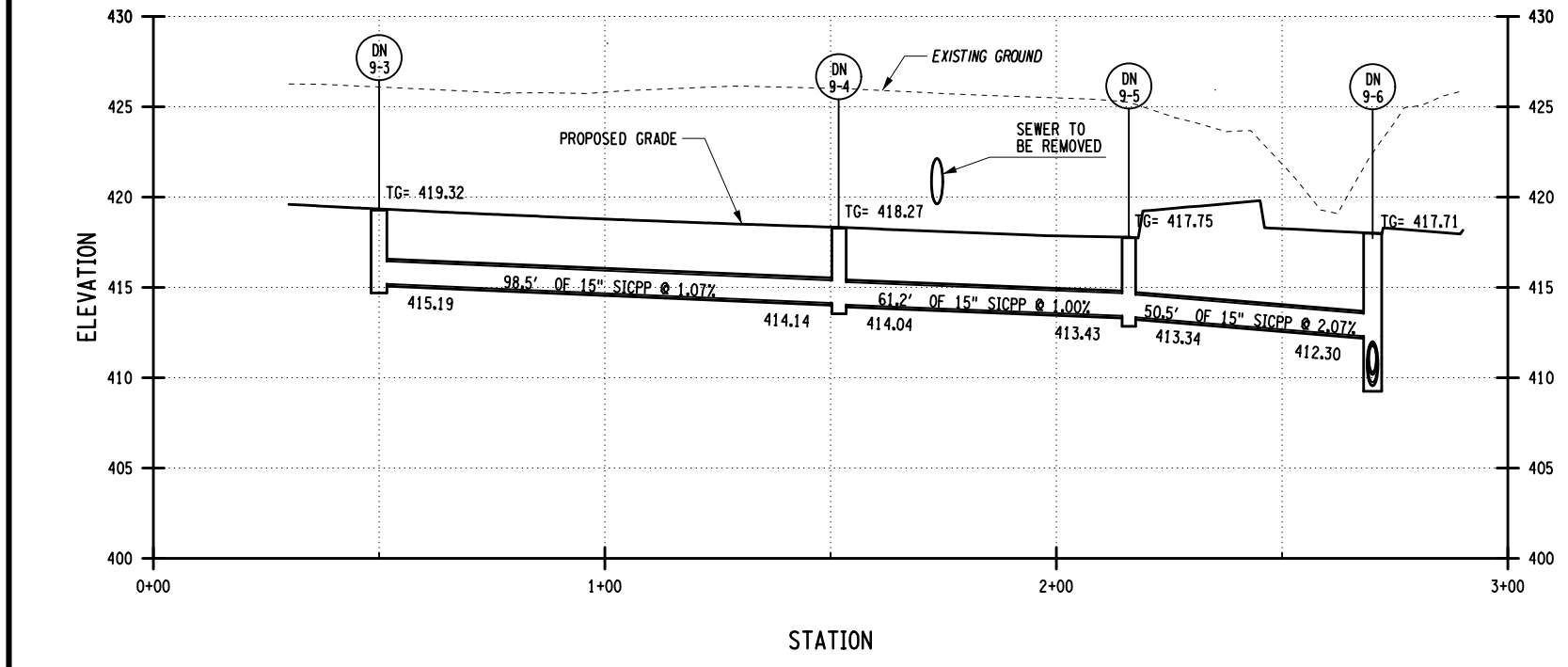
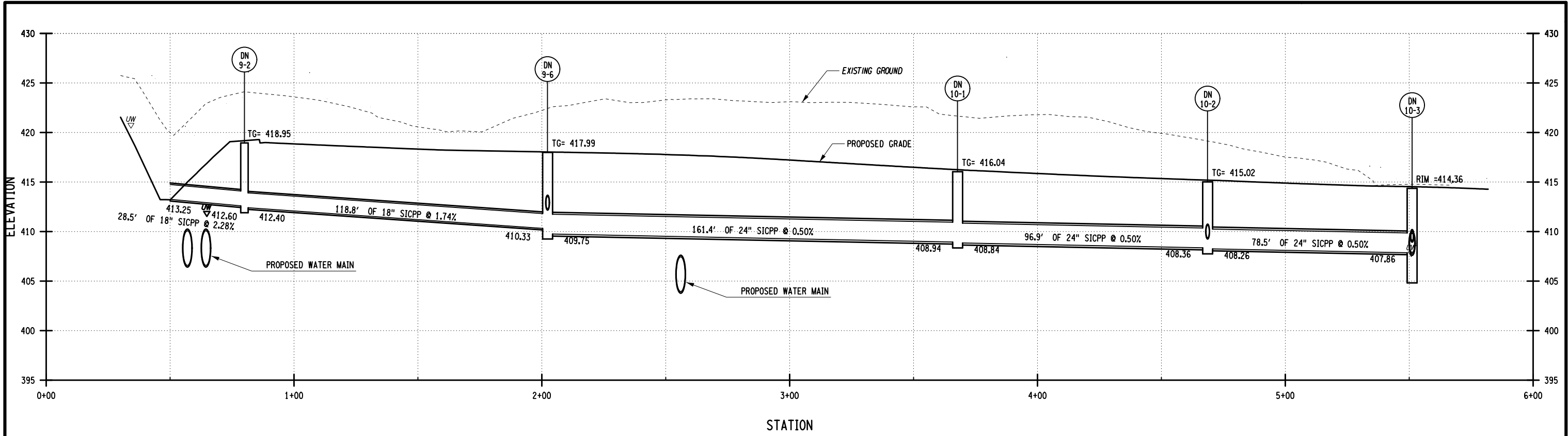
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CHECK W. DALEY, P.E.

DRAFTING B. DEHAAN

CHECK C. ECKLUND, P.E.

PROJECT MANAGER L. GOSSELIN, P.E.



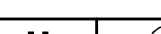
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	CITY OF SYRACUSE					
	COUNTY: ONONDAGA					
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						

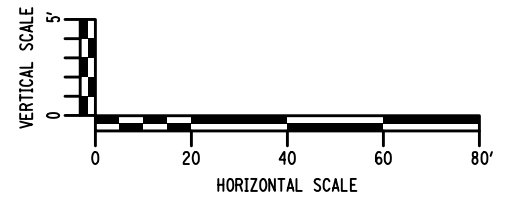


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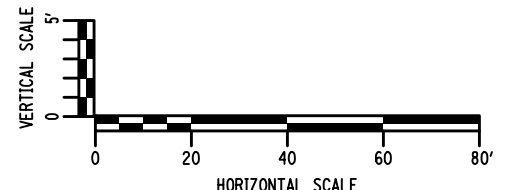
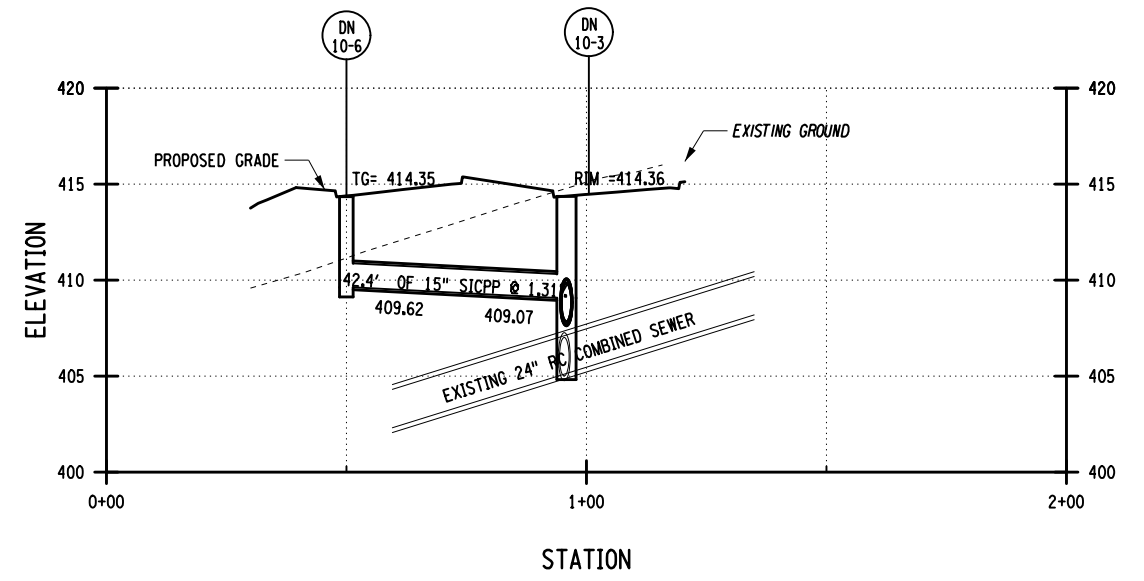
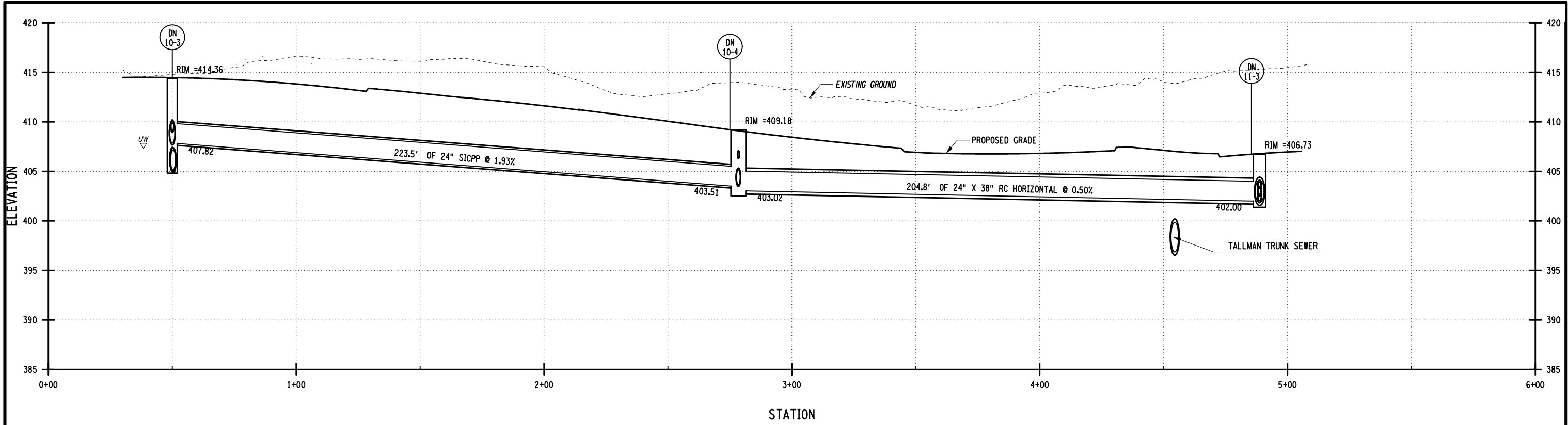
NEW YORK
STATE OF
OPPORTUNITY.

**Department of
Transportation**



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DESIGN SUPERVISOR W. DALEY, P.E. JOB MANAGER C. ECKLUND, P.E. DESIGN C. ECKLUND, P.E. CHECK W. DALEY, P.E. DRAFTING B. DEHAAN CHECK C. ECKLUND, P.E. PROJECT MANAGER L. GOSSELIN, P.E.



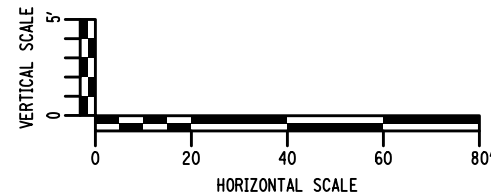
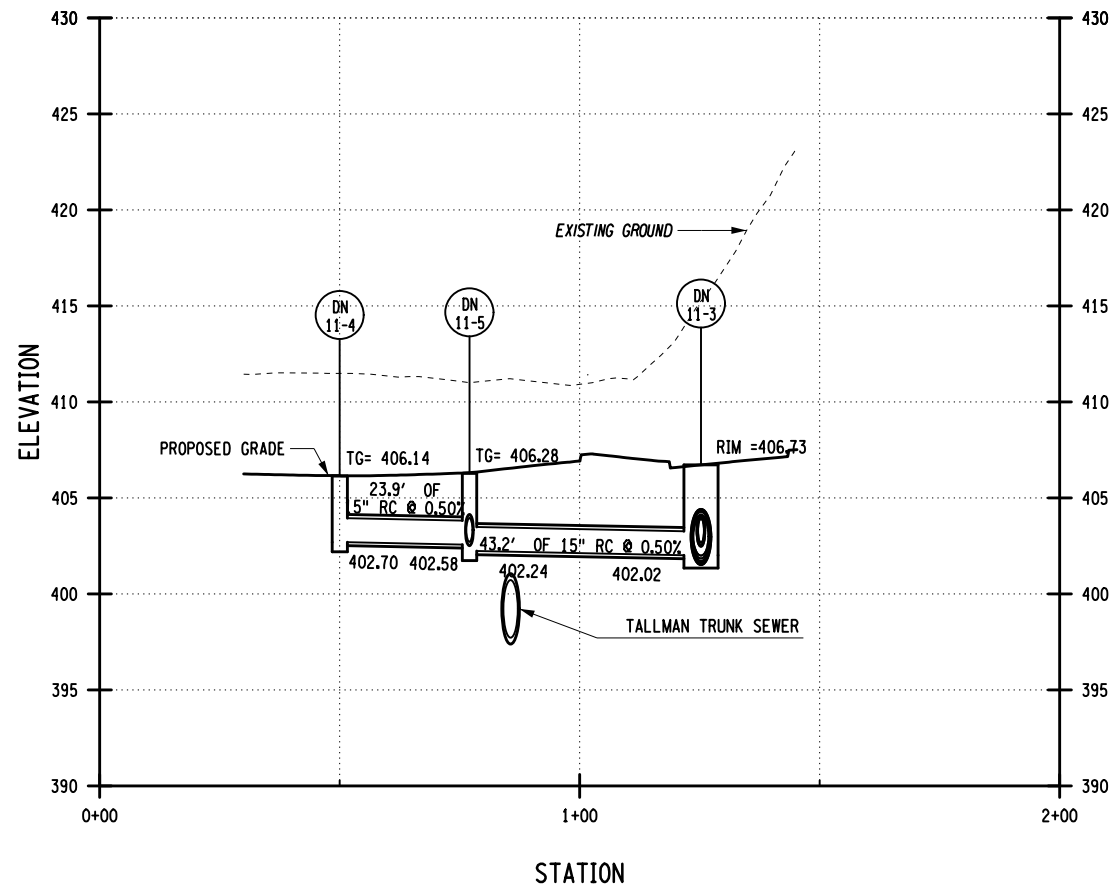
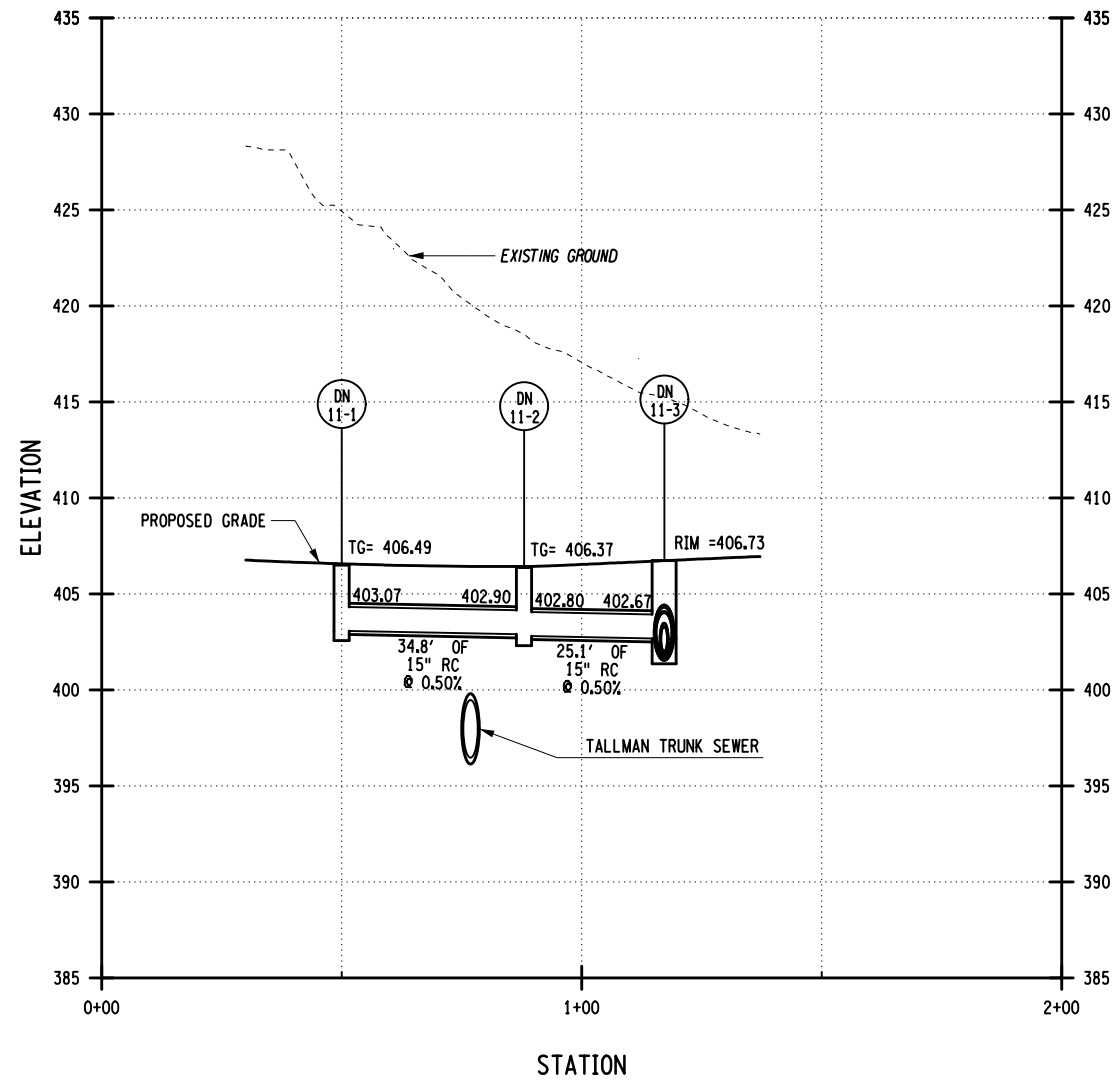
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	CITY OF SYRACUSE					DRAWING NO. DPR-13 SHEET NO. 587	
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IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.							
					 LaBella Powered by partnership.	 NEW YORK STATE OF OPPORTUNITY.	Department of Transportation

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DESIGN SUPERVISOR W. DALEY, P.E. JOB MANAGER C. ECKLUND, P.E. DESIGN C. ECKLUND, P.E. CHECK W. DALEY, P.E. DRAFTING B. DEHAAN CHECK C. ECKLUND, P.E. PROJECT MANAGER L. GOSSELIN, P.E.

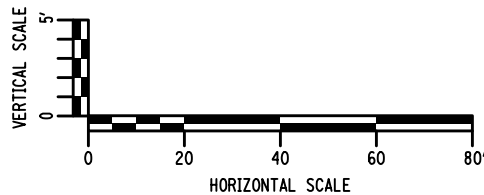
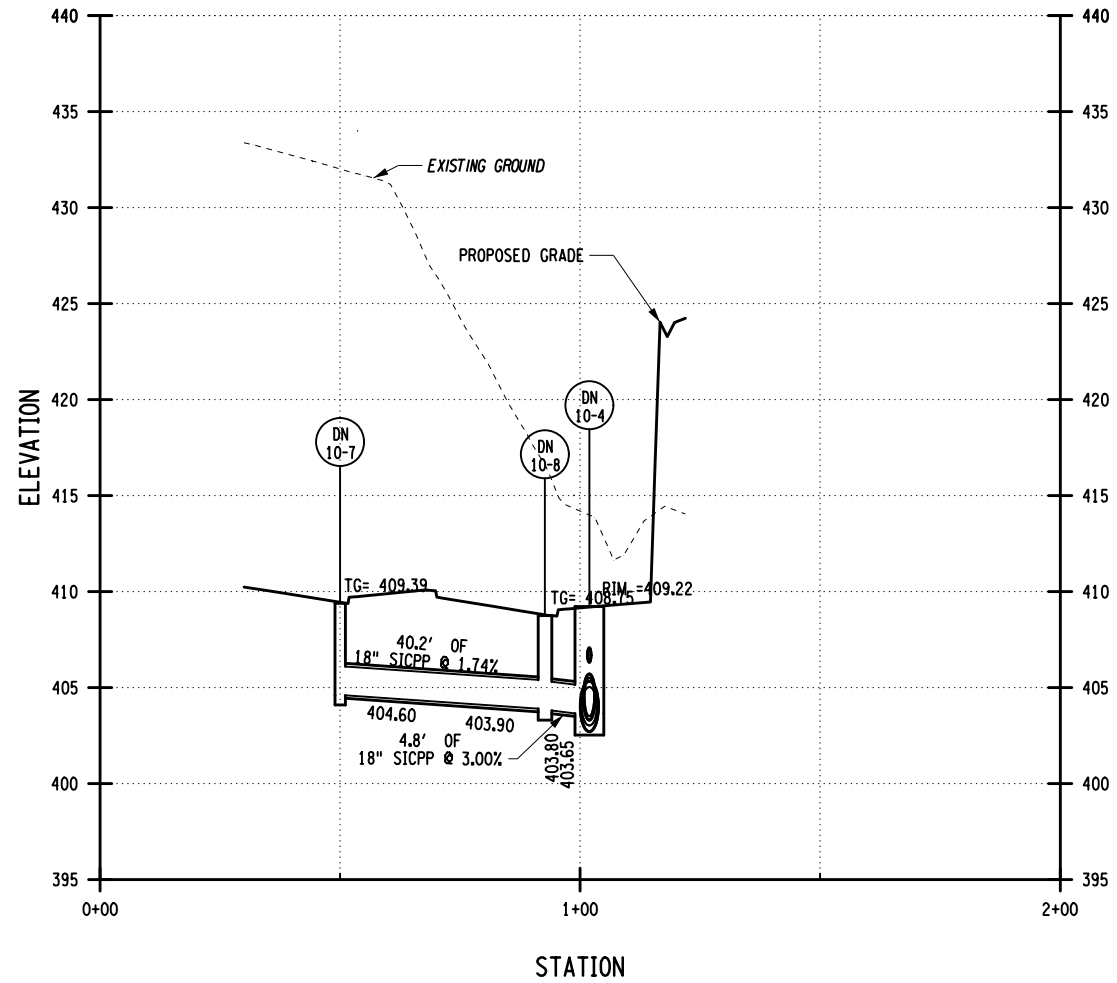
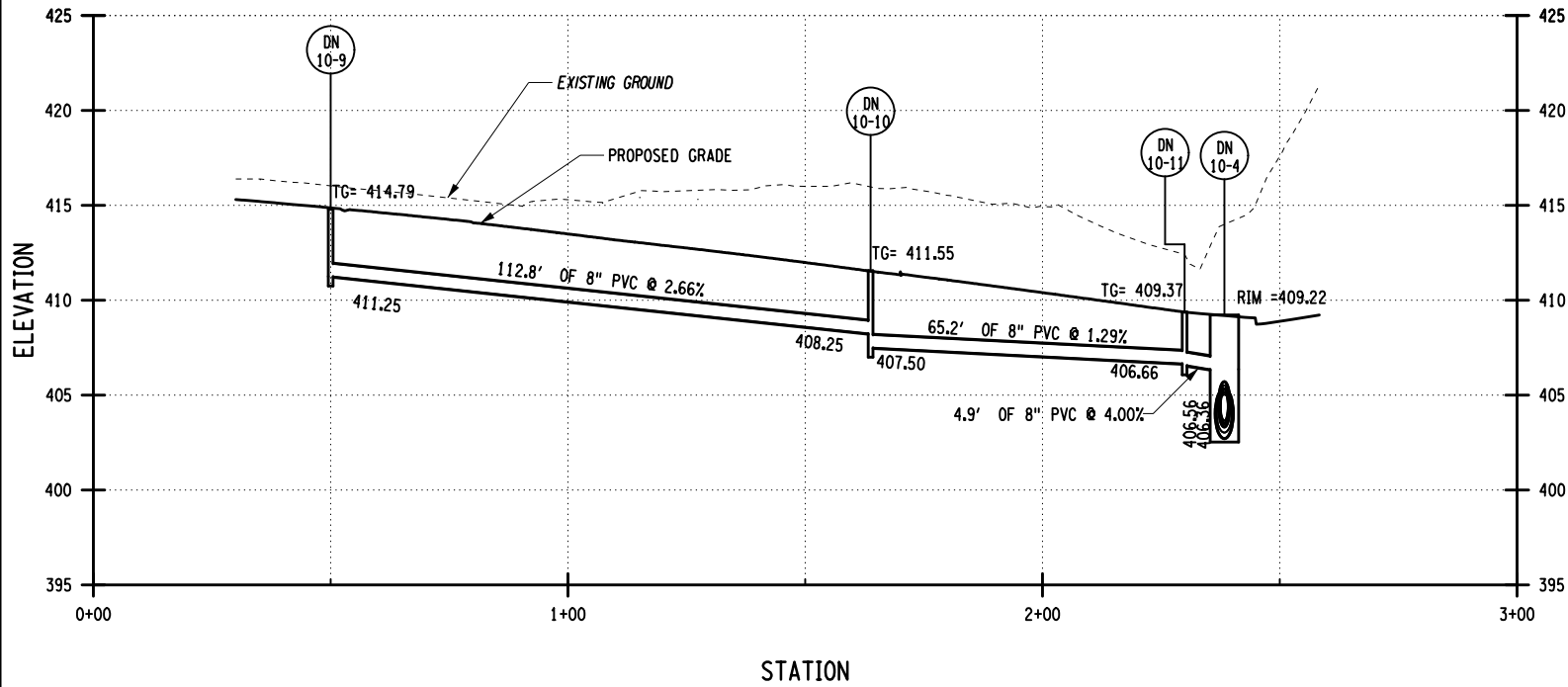


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AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5	PIN 3501.94	BRIDGES XXXXXXX XXXXXXX	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478	
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	CITY OF SYRACUSE						
	COUNTY: ONONDAGA	REGION: 03					
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					LaBella Powered by partnership.	NEW YORK STATE OF OPPORTUNITY	Department of Transportation

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DESIGN SUPERVISOR **W. DALEY, P.E.** JOB MANAGER **C. ECKLUND, P.E.** DESIGN **C. ECKLUND, P.E.** CHECK **W. DALEY, P.E.** DRAFTING **B. DEHAAN** CHECK **C. ECKLUND, P.E.** PROJECT MANAGER **L. GOSSELIN, P.E.**

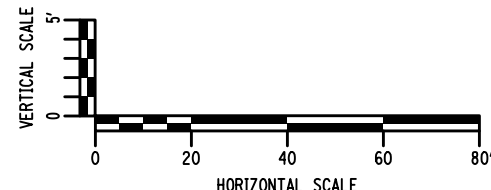
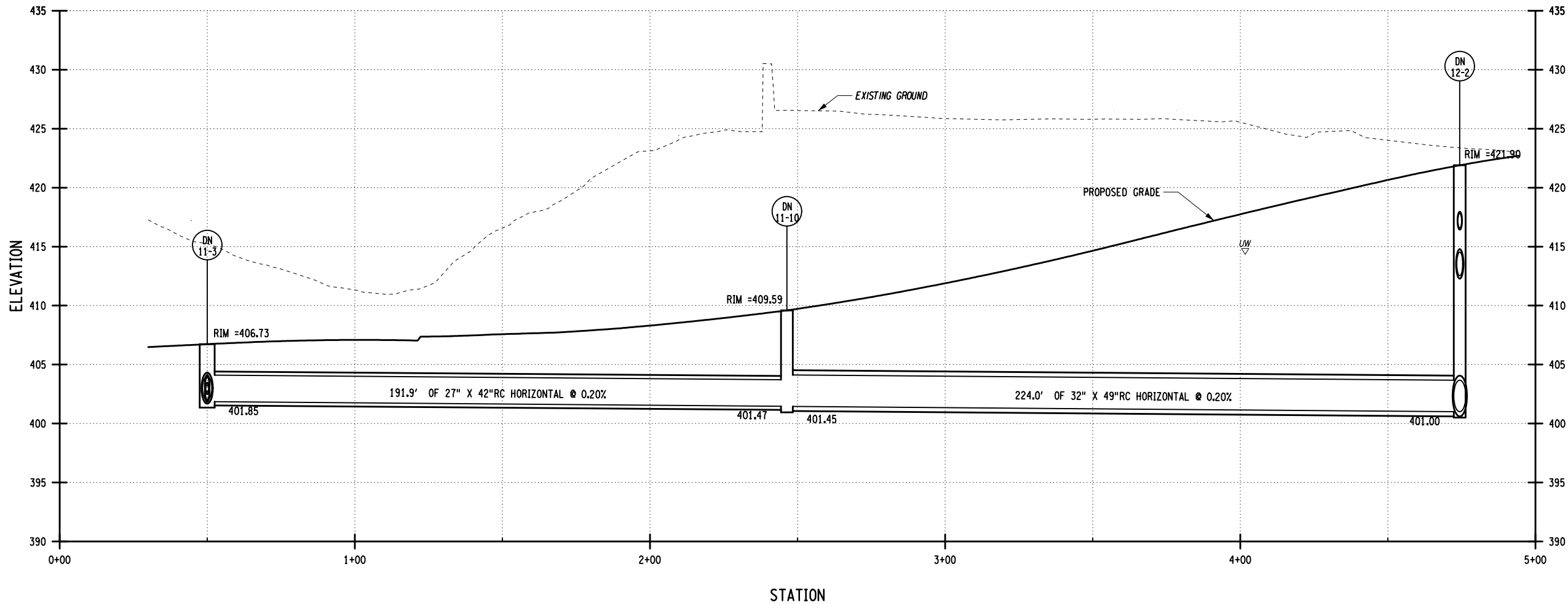


AFFIX SEAL: ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5	PIN 3501.94	BRIDGES XXXXXXX XXXXXXX	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478	
	BL 81 SOUTHERN SECTION						
	CITY OF SYRACUSE				UTILITY QUALITY LEVEL B UNLESS OTHERWISE NOTED	DRAINAGE PROFILES	DRAWING NO. DPR-15 SHEET NO. 589
	COUNTY: ONONDAGA REGION: 03						
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.							
					 LaBella Powered by partnership.	 NEW YORK STATE OF OPPORTUNITY.	Department of Transportation

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DATE/TIME = 3/28/2024
USER = LBA

DESIGN SUPERVISOR W. DALEY, P.E. JOB MANAGER C. ECKLUND, P.E. DESIGN C. ECKLUND, P.E. CHECK W. DALEY, P.E. DRAFTING B. DEHAAN CHECK C. ECKLUND, P.E. PROJECT MANAGER L. GOSSELIN, P.E.

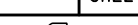


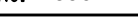
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AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5	PIN 3501.94	BRIDGES XXXXXXX XXXXXXX	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
	BL 81 SOUTHERN SECTION				DRAINAGE PROFILES	DRAWING NO. DPR-16
	CITY OF SYRACUSE					
	COUNTY: ONONDAGA REGION: 03					

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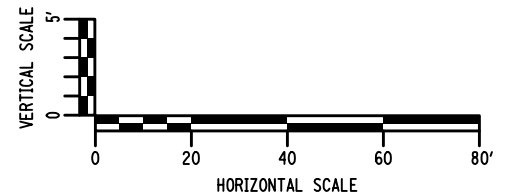
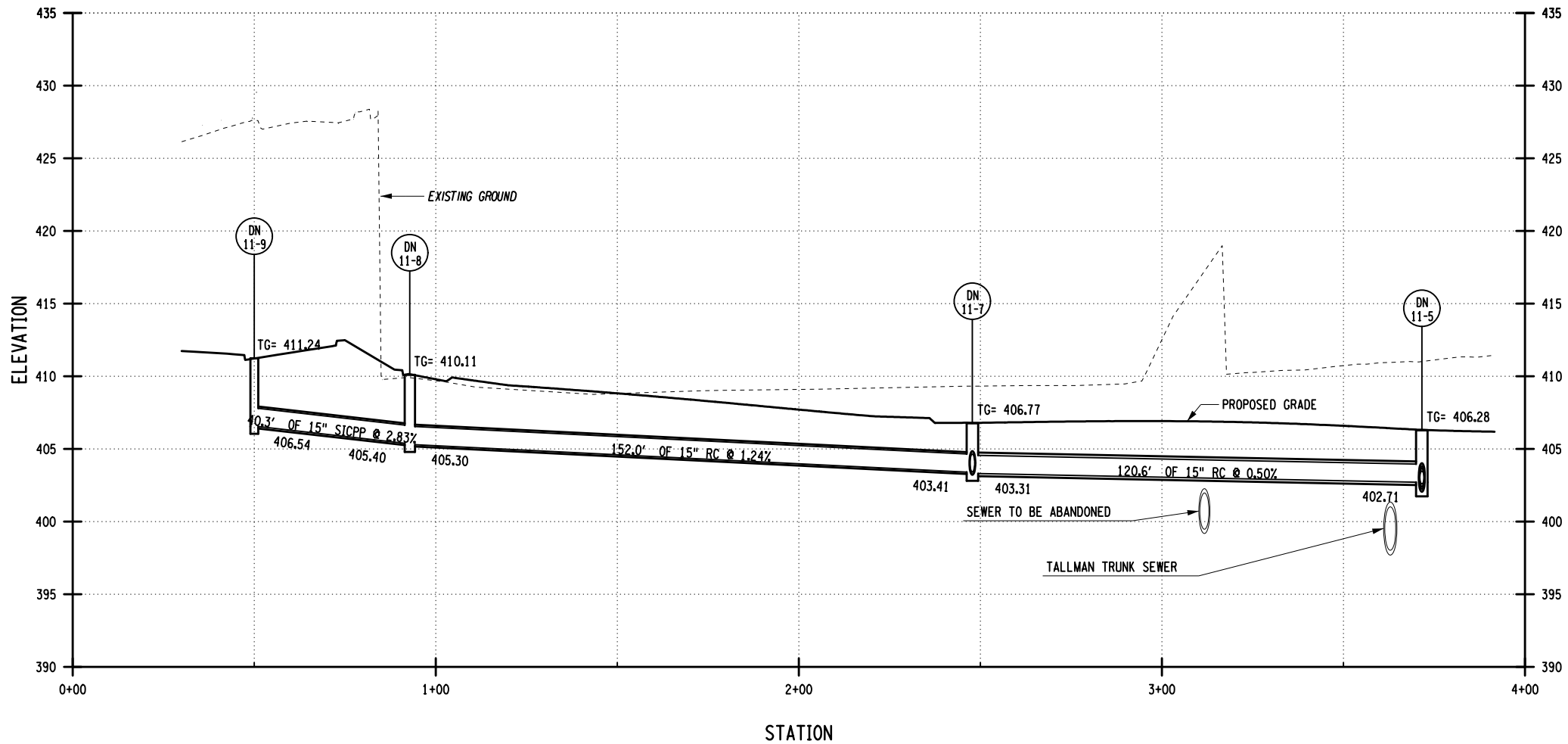
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 **NEW YORK**
STATE OF
OPPORTUNITY.

 **Department of
Transportation**

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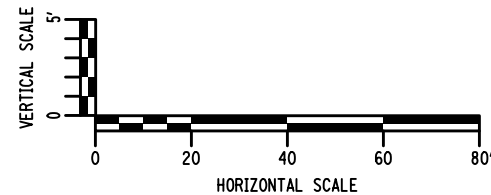
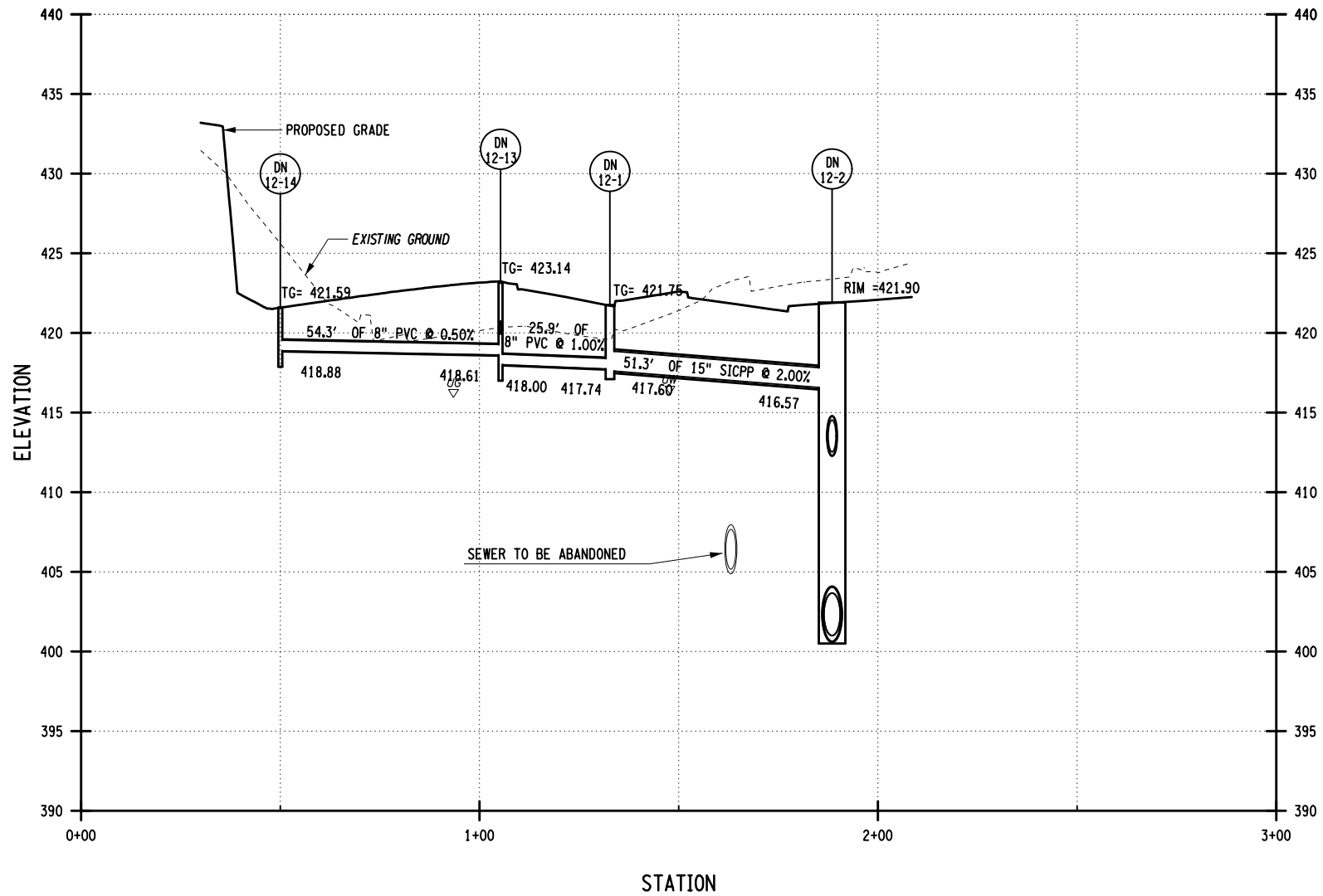
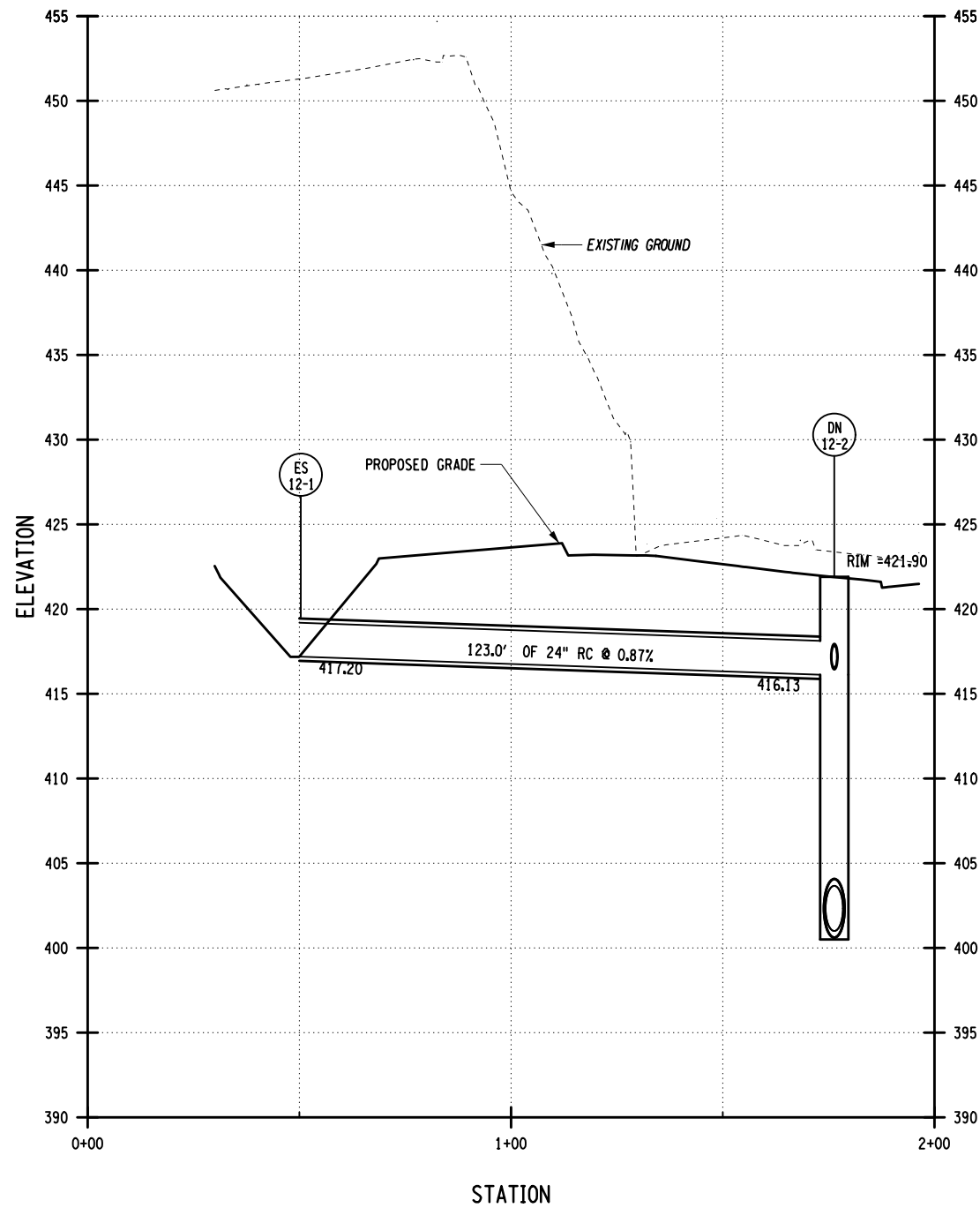


AFFIX SEAL: ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5	PIN 3501.94	BRIDGES XXXXXXX XXXXXXX	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
	BL 81 SOUTHERN SECTION					DRAWING NO. DPR-17
	CITY OF SYRACUSE					SHEET NO. 591
	COUNTY: ONONDAGA REGION: 03	UTILITY QUALITY LEVEL B UNLESS OTHERWISE NOTED				
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						
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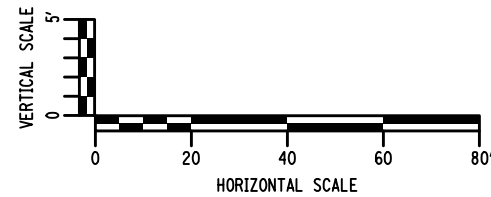
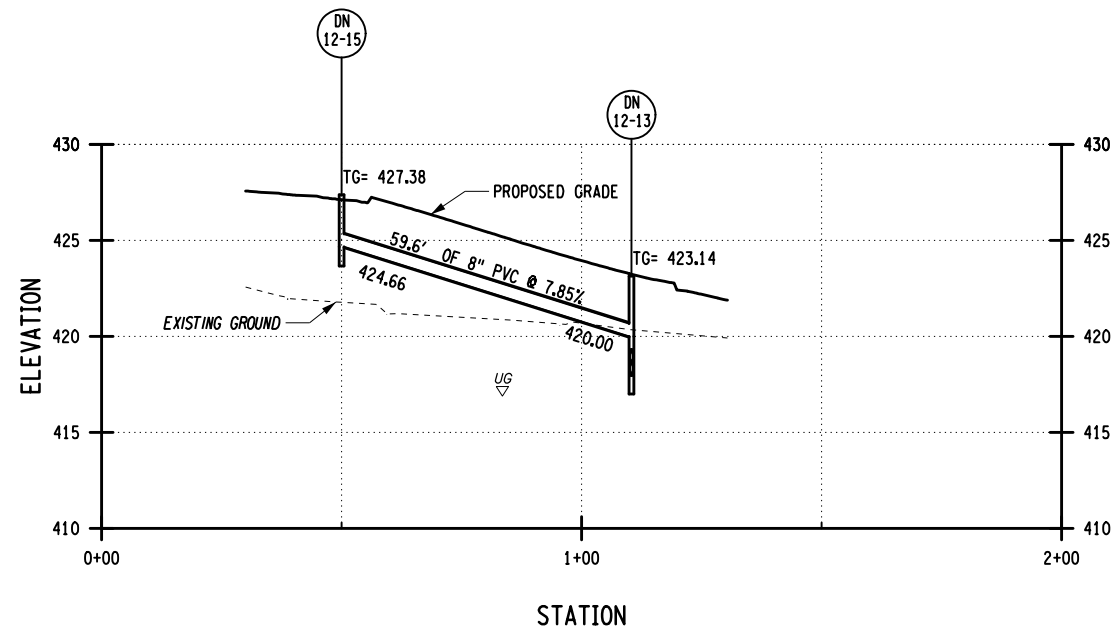
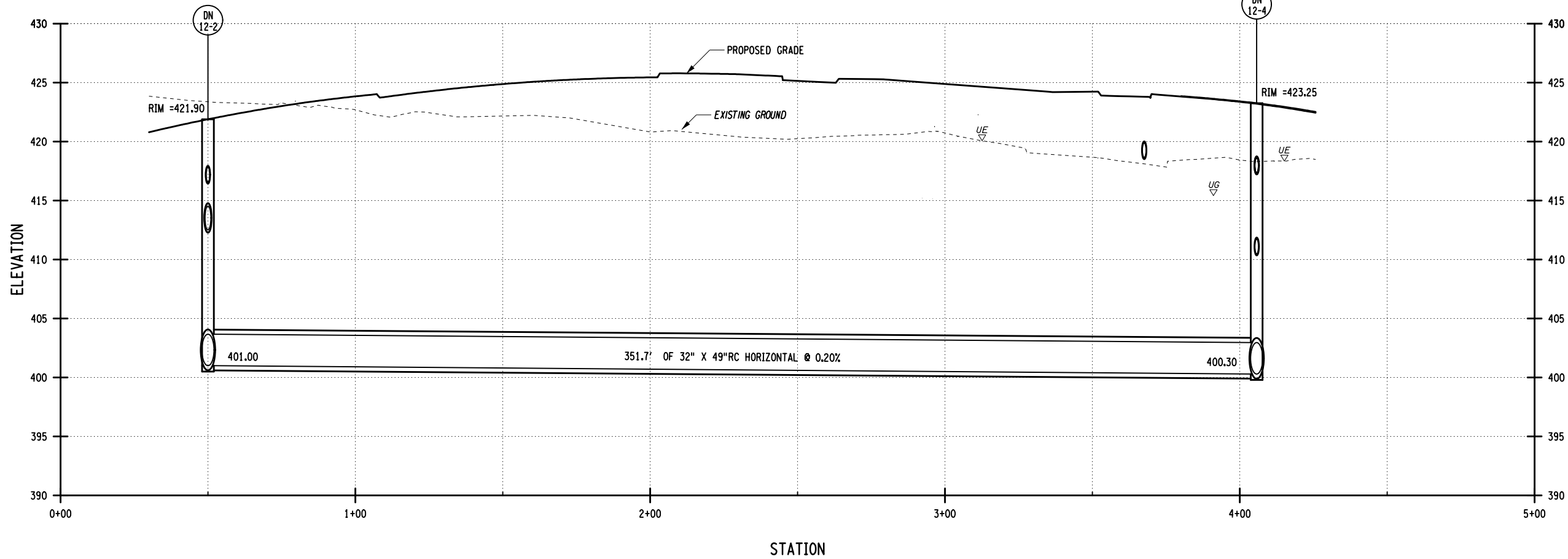


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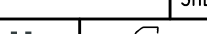
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	BL 81 SOUTHERN SECTION	UTILITY QUALITY LEVEL B UNLESS OTHERWISE NOTED				DRAWING NO. DPR-18
	CITY OF SYRACUSE					SHEET NO. 592
	COUNTY: ONONDAGA	REGION: 03				
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						
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DESIGN SUPERVISOR **W. DALEY, P.E.** JOB MANAGER **C. ECKLUND, P.E.** DESIGN **C. ECKLUND, P.E.** CHECK **W. DALEY, P.E.** DRAFTING **B. DEHAAN** CHECK **C. ECKLUND, P.E.** PROJECT MANAGER **L. GOSSELIN, P.E.**

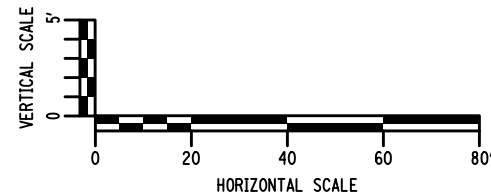
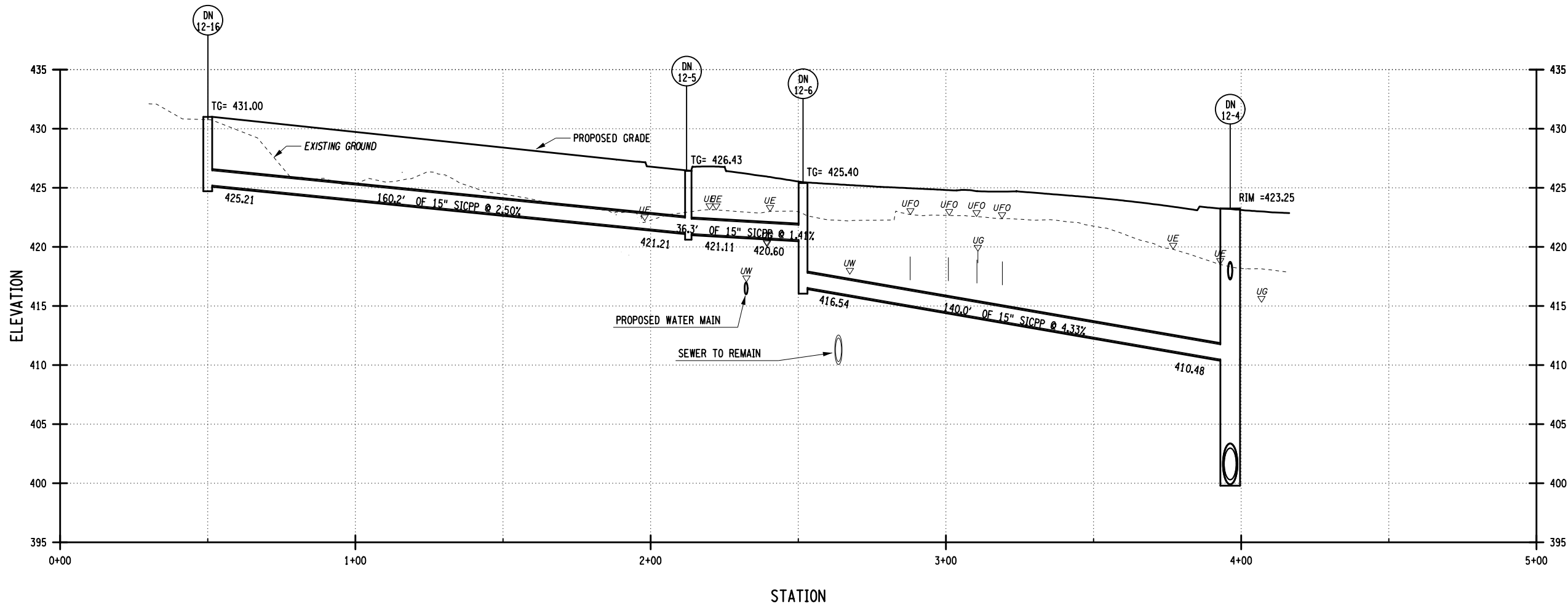


AFFIX SEAL: ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5	PIN 3501.94	BRIDGES XXXXXX XXXXXX	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
	BL 81 SOUTHERN SECTION				DRAINAGE PROFILES	DRAWING NO. DPR-19 SHEET NO. 593
	CITY OF SYRACUSE					
	COUNTY: ONONDAGA REGION: 03					
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DESIGN SUPERVISOR W. DALEY, P.E. JOB MANAGER C. ECKLUND, P.E. DESIGN C. ECKLUND, P.E. CHECK W. DALEY, P.E. DRAFTING B. DEHAAN CHECK C. ECKLUND, P.E. PROJECT MANAGER L. GOSSELIN, P.E.



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	BL 81 SOUTHERN SECTION	UTILITY QUALITY LEVEL B UNLESS OTHERWISE NOTED				DRAWING NO. DPR-20
	CITY OF SYRACUSE					SHEET NO. 594
	COUNTY: ONONDAGA	REGION: 03				
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						
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JOB MANAGER C. ECKLUND, P.E.

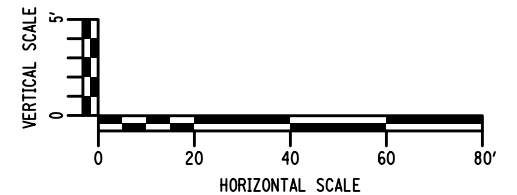
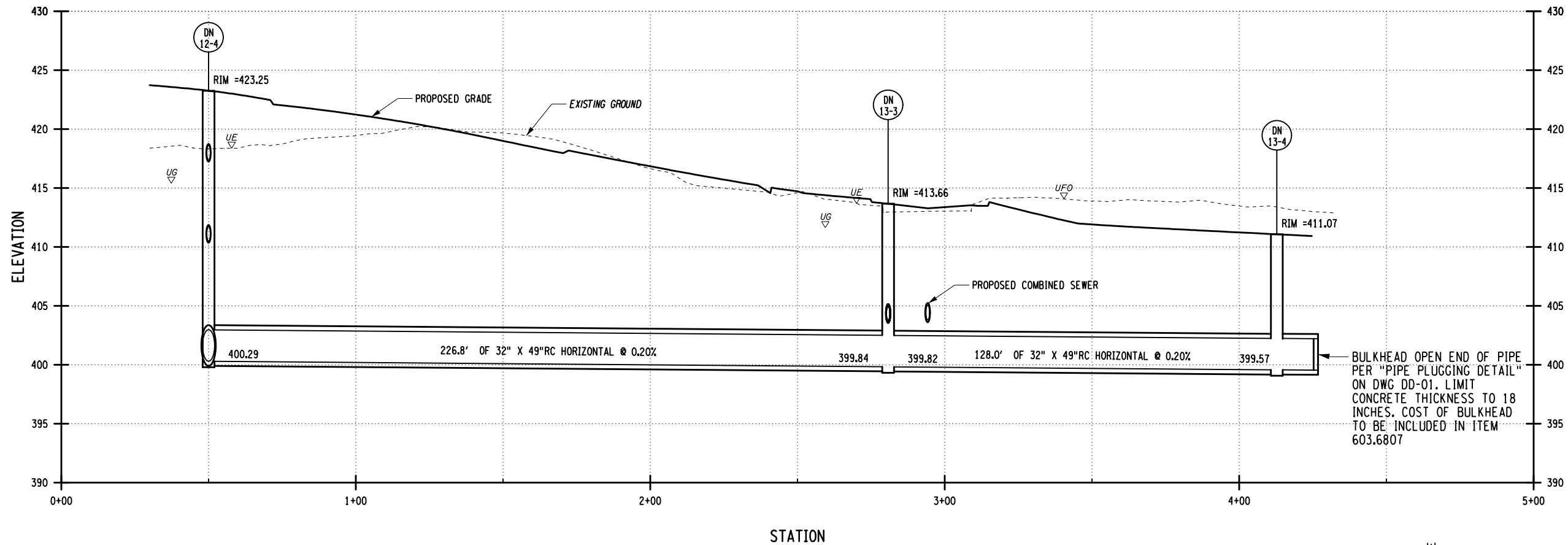
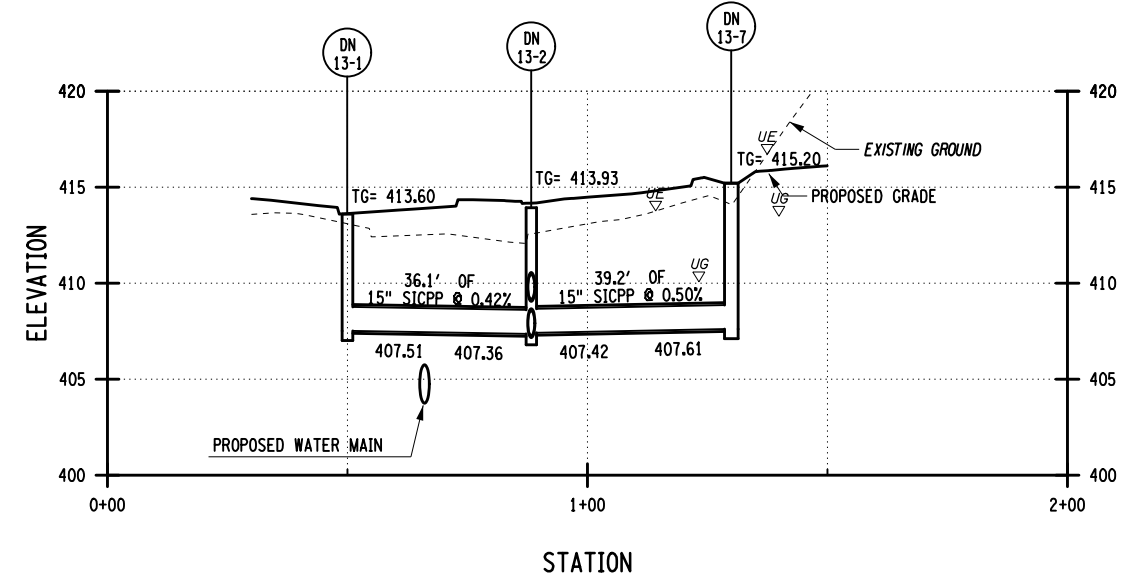
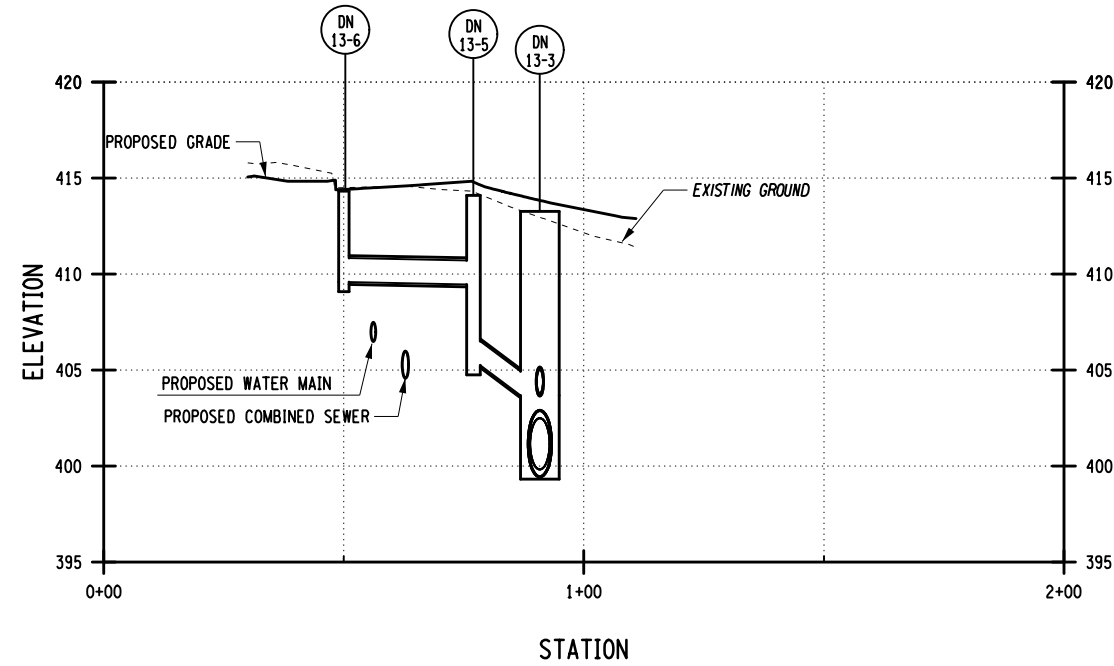
DESIGN C. ECKLUND, P.E.

CHECK W. DALEY, P.E.

DRAFTING B. DEHAAN

CHECK C. ECKLUND, P.E.

PROJECT MANAGER L. GOSSELIN, P.E.



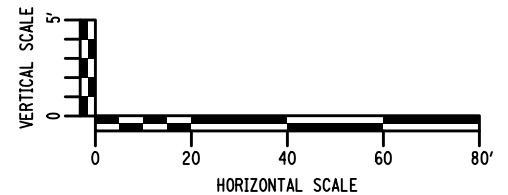
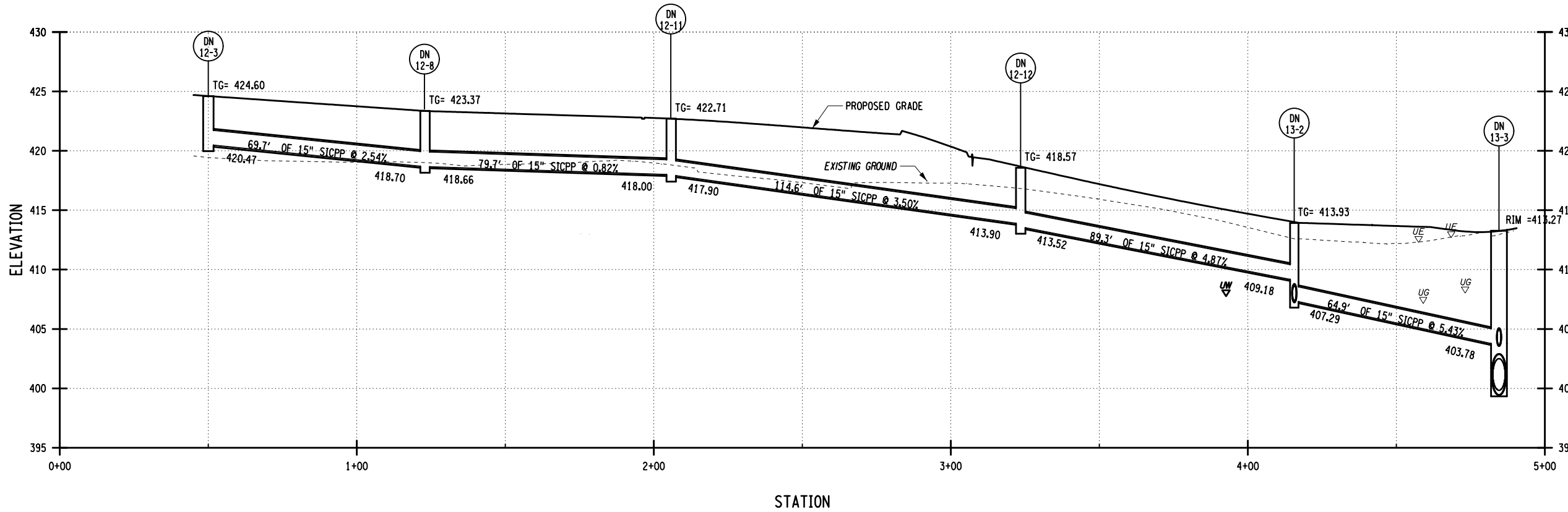
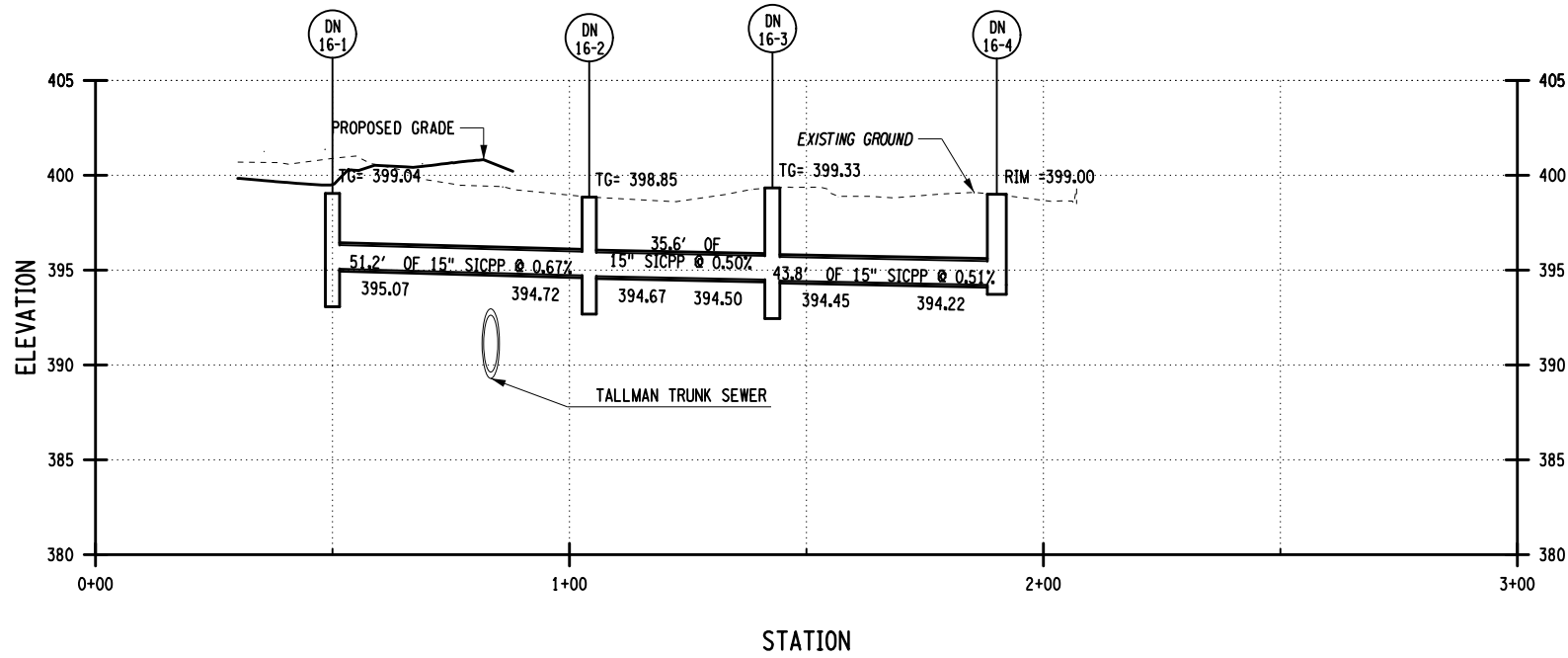
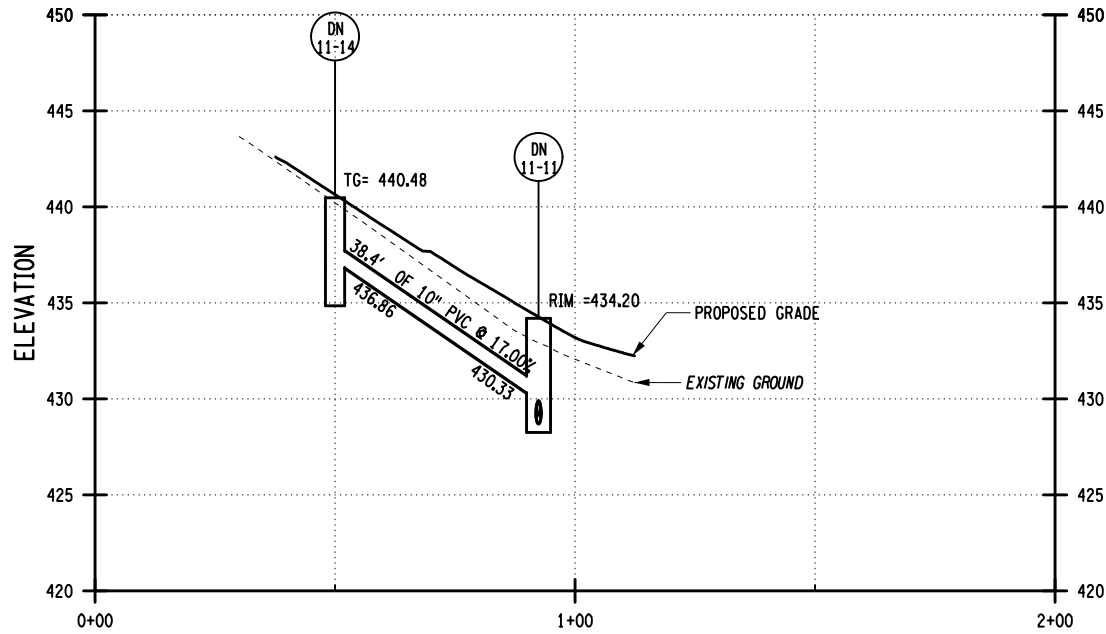
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AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5	PIN 3501.94	BRIDGES XXXXXX XXXXXX	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
	BL 81 SOUTHERN SECTION	UTILITY QUALITY LEVEL B UNLESS OTHERWISE NOTED			DRAINAGE PROFILES	DRAWING NO. DPR-21 SHEET NO. 595
	CITY OF SYRACUSE					
	COUNTY: ONONDAGA	REGION: 03				

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DESIGN SUPERVISOR **W. DALEY, P.E.** JOB MANAGER **C. ECKLUND, P.E.** DESIGN **C. ECKLUND, P.E.** CHECK **W. DALEY, P.E.** DRAFTING **B. DEHAAN** CHECK **C. ECKLUND, P.E.** PROJECT MANAGER **L. GOSSELIN, P.E.**



AFFIX SEAL:
ON:

ALTERED BY:
ON:

STATE OF NEW YORK
CURTIS A. ECKLUND, JR.
LICENSED PROFESSIONAL ENGINEER
075232

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5	PIN 3501.94	BRIDGES XXXXXX XXXXXX	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
	BL 81 SOUTHERN SECTION	UTILITY QUALITY LEVEL B UNLESS OTHERWISE NOTED			DRAINAGE PROFILES	DRAWING NO. DPR-22
	CITY OF SYRACUSE					SHEET NO. 596
	COUNTY: ONONDAGA	REGION: 03				

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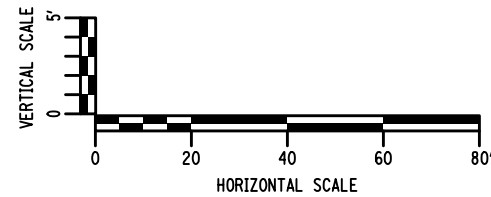
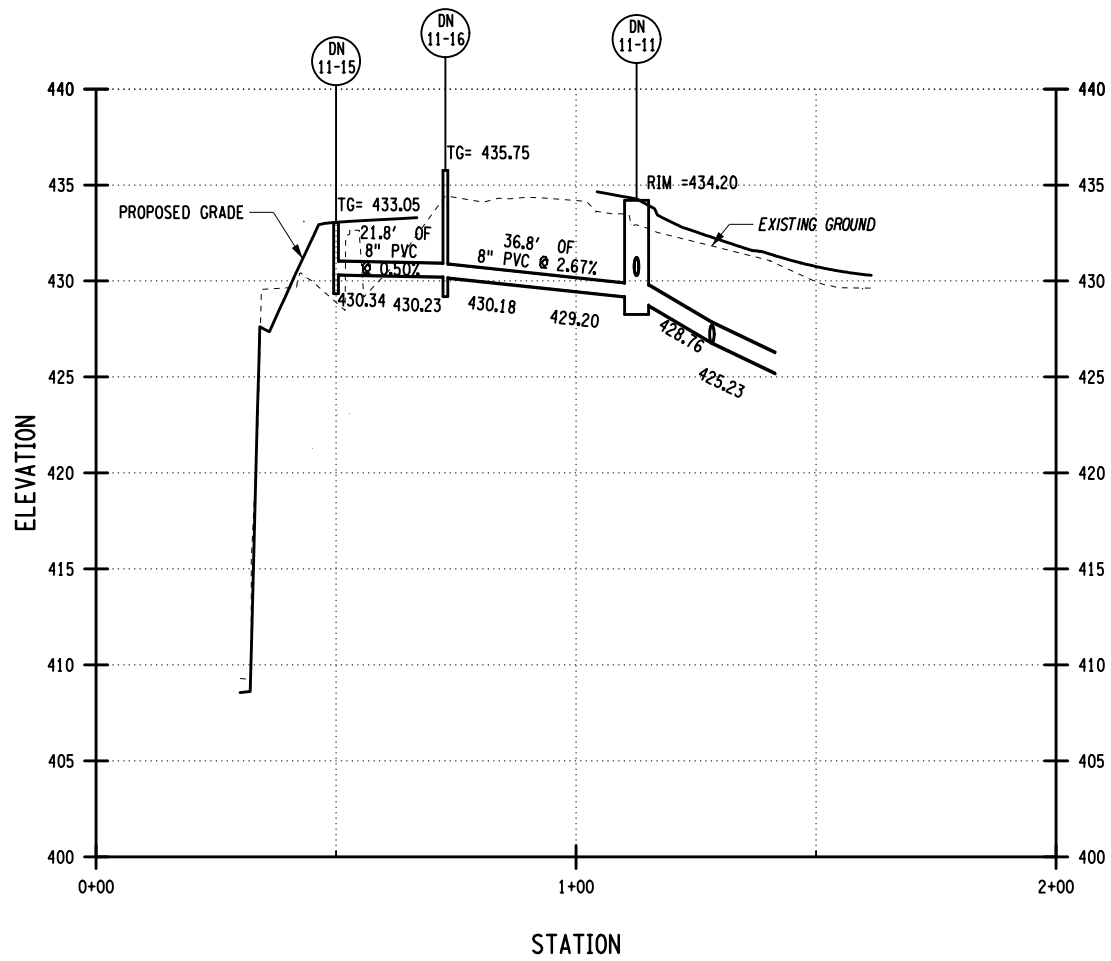
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AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5	
		BL 81 SOUTHERN SECTION	
		CITY OF SYRACUSE	
		COUNTY: ONONDAGA REGION: 03	
		PIN 3501.94	
		UTILITY QUALITY LEVEL B UNLESS OTHERWISE NOTED	
		BRIDGES XXXXXXX XXXXXXX	
		CULVERTS	
		ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	
		DRAINAGE PROFILES	
		CONTRACT NUMBER D265478	
		DRAWING NO. DPR-23 SHEET NO. 597	

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JOB MANAGER C. ECKLUND, P.E.

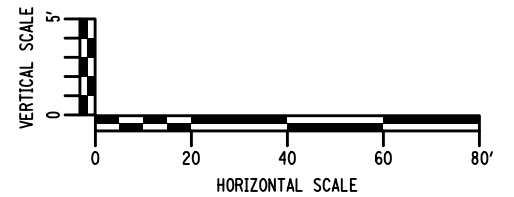
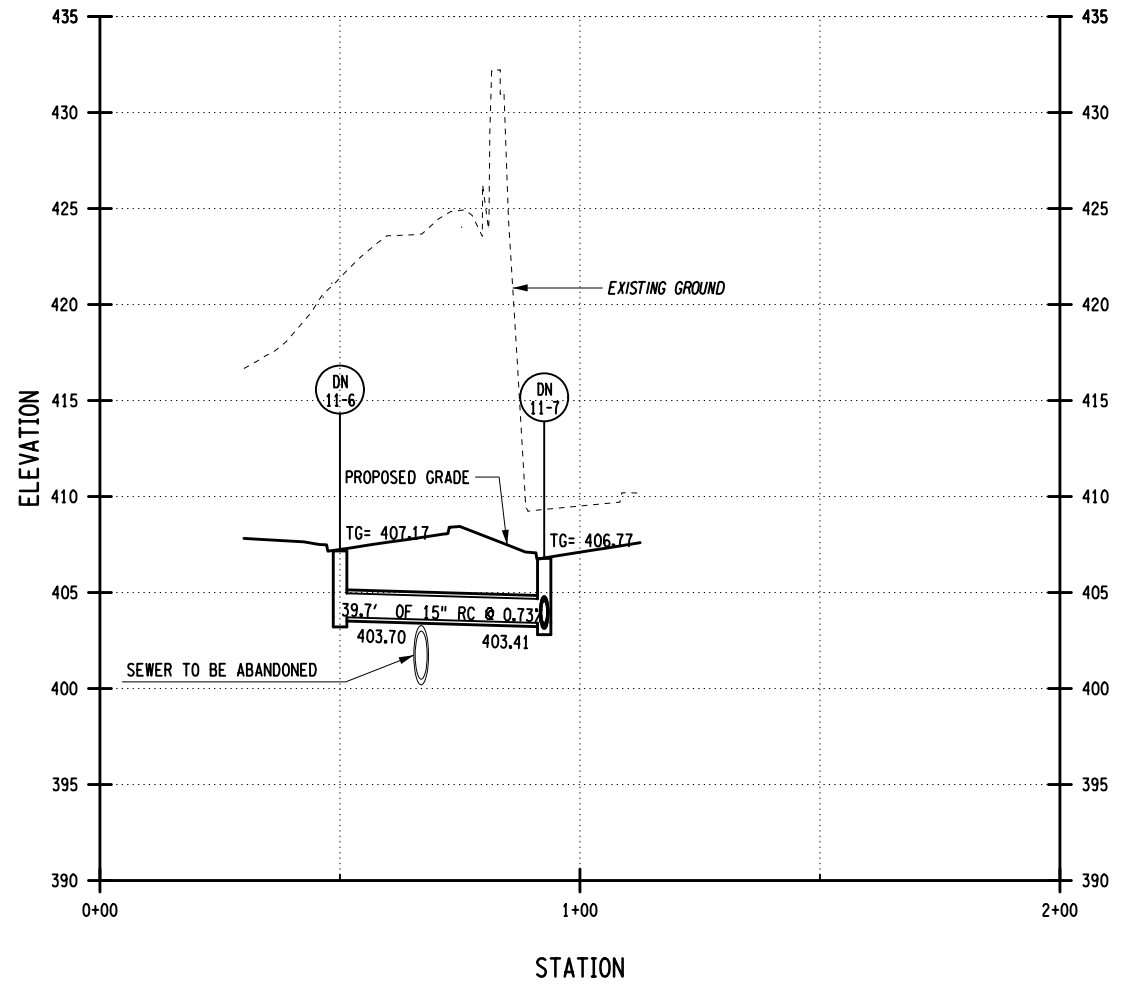
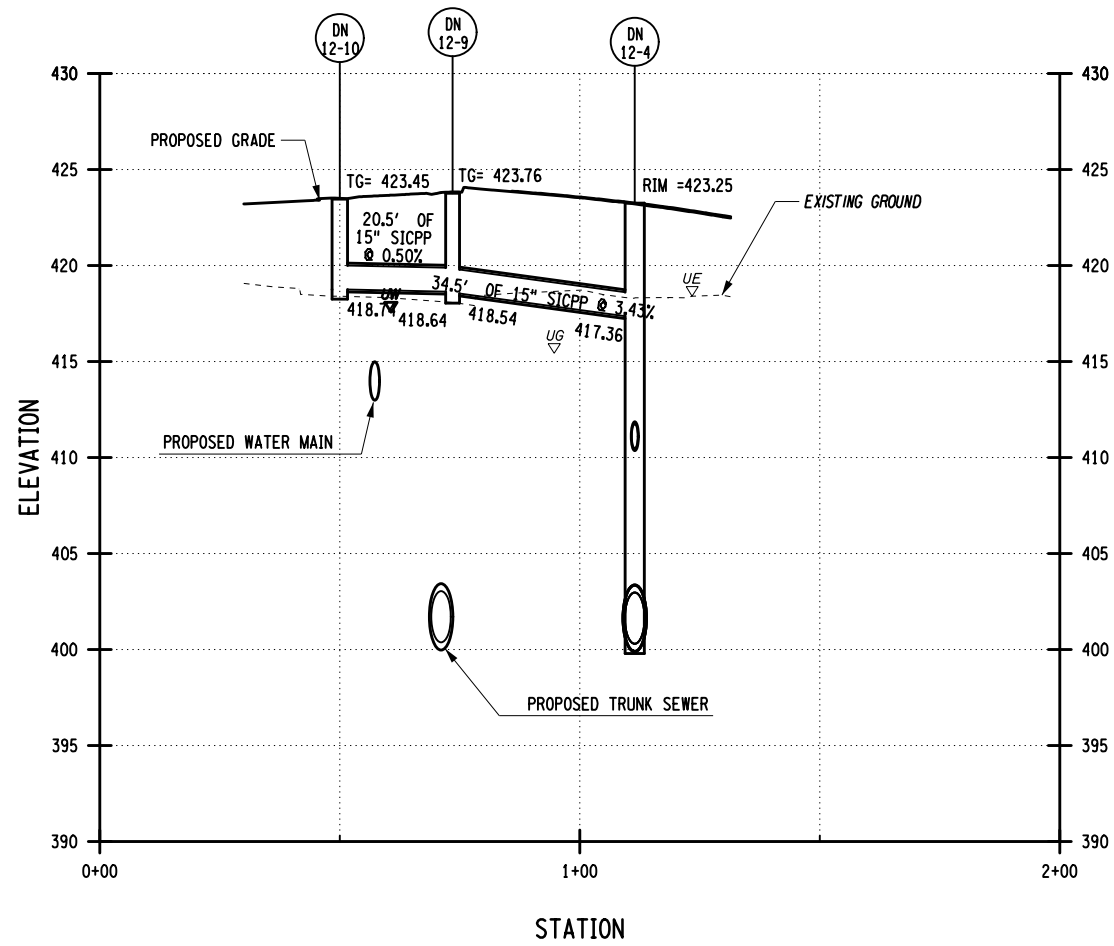
DESIGN C. ECKLUND, P.E.

CHECK W. DALEY, P.E.

DRAFTING B. DEHAAN

CHECK C. ECKLUND, P.E.

PROJECT MANAGER L. GOSSELIN, P.E.



AFFIX SEAL:
ON: 6/10/2024

ALTERED BY:
ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - PHASE 1 - CONTRACT 5	PIN 3501.94	BRIDGES XXXXXXX XXXXXXX	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
	BL 81 SOUTHERN SECTION				DRAINAGE PROFILES	DRAWING NO. DPR-24 SHEET NO. 598
	CITY OF SYRACUSE					
	COUNTY: ONONDAGA					

Department of
Transportation

SEWER TABLE -- SYSTEM 1 - EAST COLVIN (OCDWEP)																																	
SA *	STATION / OFFSET (FT)	DESCRIPTION OF WORK	PROP T.G. ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / OUT ELEV.	603.98120007	603.98150007	603.98240007	603.98300007	603.98480007	603.99050002	604.070301	604.070302	604.070303	604.070304	604.070305	604.070306	604.070307	604.070308	604.070309	604.070310	604.070311	604.070312	604.070313	604.070314	655.1202	660.35030008	664.40480006	664.40720006	664.40960006	
								LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
SA-MH-EC-1	R1 32+22.27 43.34 LT	INSTALL PROPOSED MANHOLE AT LOCATION OF EXISTING MANHOLE AND CONNECT TO SA-MH-EC-2 WITH 74.6 LF OF 48" RCP, EXISTING 48" SEWER, EXISTING 24" VTP SEWER AND EXISTING 12" VTP SEWER	479.32	EXIST. 48" 460.40+/- (E) (TO REMAIN)	EXIST. 24" 463.50+/- (S) (TO REMAIN)	EXIST. 12" 464.40+/- (N) (TO REMAIN)	PROP. 48" 460.10 (W)					74.6	1															1				20.7	
SA-MH-EC-2	R1 31+47.22 11.50 LT	INSTALL PROPOSED MANHOLE AND CONNECT TO SA-MH-EC-3 WITH 195.1 LF OF 48" RCP.	475.12	PROP. 48" 455.86 (E)			PROP. 48" 455.76 (W)					195.1																1			20.9		
SA-MH-EC-3	R1 29+46.45 11.38 LT	INSTALL PROPOSED MANHOLE AND CONNECT TO SA-MH-EC-4 WITH 236.1 LF OF 48" RCP.	464.39	PROP. 48" 444.84 (E)	PROP. 12" 447.24 (S)		PROP. 48" 444.74 (W)					236.1																1			21.2		
SA-MH-EC-4	R1 27+05.82 12.32 LT	INSTALL PROPOSED MANHOLE AND CONNECT TO SA-MH-EC-5 WITH 242.9 LF OF 48" RCP	448.05	PROP. 48" 431.55 (E)			PROP. 48" 431.45 (W)					242.9																1			18.1		
SA-MH-EC-5	R1 24+58.44 9.30 LT	INSTALL PROPOSED MANHOLE AND CONNECT TO SA-MH-EC-6 WITH 109.2 LF OF 48" RCP	438.34	PROP. 48" 426.59 (E)			PROP. 48" 426.49 (W)					109.2																1			13.4		
SA-MH-EC-6	R1 23+44.04 9.00 LT	INSTALL PROPOSED MANHOLE AND CONNECT TO SA-MH-EC-7 WITH 207.2 LF OF 48" RCP	436.96	PROP. 48" 424.31 (E)			PROP. 48" 424.21 (W)					207.2																			14.3		
SA-MH-EC-7	R1 21+87.53 11.19 LT	INSTALL PROPOSED MANHOLE AND CONNECT TO SA-MH-EC-8 WITH 43.7 LF OF 48" RCP	435.25	PROP. 48" 420.06 (E)			PROP. 48" 419.96 (SW)					43.7																1			16.8		
SA-MH-EC-8	R1 20+12.34 8.12 LT	INSTALL PROPOSED MANHOLE AND CONNECT TO SA-MH-EC-9 WITH 121.0 LF OF 48" RCP, EXTEND EXISTING GARFIELD SEWER TO CONNECT TO THIS MANHOLE, CONNECT PROPOSED DOUGAL SEWER (SEE TABLE BELOW)	434.39	PROP. 48" 419.09 (NE)	EXTENSION OF GARFIELD PROP. 12" 423.20 (S)	PROP. 24" 419.19 (E)	PROP. 48" 418.99 (W)	25				121.0																1	3			16.9	
SA-MH-EC-9	R1 19+60.91 13.37 RT	INSTALL PROPOSED MANHOLE AT LOCATION OF EXISTING MANHOLE AND CONNECT TO EXISTING 38" X 57" SEWER AND EXISTING 18" RCP SEWER	429.49	PROP. 48" 416.57 (NE)		EXIST. 18" 418.37+/- (N) (TO REMAIN)	EXIST. 38"x57" 416.47+/- (W) (TO REMAIN)						1															1				14.5	
SYSTEM 1 TOTALS								25	0	0	0	1230	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	3	0	105	52

- NOTES:
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 - THE CONTRACTOR SHALL VERIFY THE GIVEN ELEVATIONS AND NOTIFY THE ENGINEER OF ANY CHANGES REQUIRED TO MEET FIELD CONDITIONS.
 - THE CONTRACTOR SHALL SET THE COVERS AT FINISH GRADE.

ITEM	DESCRIPTION	UNITS
603.98120007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 12" DIAMETER	LF
603.98150007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 15" DIAMETER	LF
603.98240007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 24" DIAMETER	LF
603.98300007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 30" DIAMETER	LF
603.98480007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 48" DIAMETER	LF
603.99050002	CONCRETE PLUGS FOR SEWER PIPE	EA
604.070301	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070302	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070303	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070304	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA

ITEM	DESCRIPTION	UNITS
604.070305	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070306	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070307	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070308	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070309	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070310	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070311	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070312	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070313	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070314	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA

ITEM	DESCRIPTION	UNITS
655.1202	MANHOLE FRAME AND COVER	EA
660.35030008	SANITARY SEWER SERVICE CONNECTIONS	EA
664.40480006	PRECAST SANITARY SEWER MANHOLE 48"	LF
664.40720006	PRECAST SANITARY SEWER MANHOLE 72"	LF
664.40960006	PRECAST SANITARY SEWER MANHOLE 96"	LF

AFFIX SEAL: J. KOCH
ON: 02/28/2024

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5

BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1

CITY OF SYRACUSE

COUNTY: ONONDAGA

REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES
103156B
1031559
1031569
2208620
7706370

CULVERTS
N/A

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SANITARY SEWER TABLES - 1

CONTRACT NUMBER
D265478

DRAWING NO. SAT-01
SHEET NO. 600

Watts
Architects
& Engineers

NEW YORK
STATE OF
OPPORTUNITY.

Department of
Transportation

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SEWER TABLE -- SYSTEM 2 - EAST COLVIN (CITY OF SYRACUSE)																																	
SA *	STATION / OFFSET (FT)	DESCRIPTION OF WORK	PROP T.G. ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / OUT ELEV.	603.98120007	603.98150007	603.98240007	603.98300007	603.9848001	603.99050002	604.070301	604.070302	604.070303	604.070304	604.070305	604.070306	604.070307	604.070308	604.070309	604.070310	604.070311	604.070312	604.070313	604.070314	655.1202	660.35030008	664.40480006	664.40720006	664.40960006	
								LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
EX-SA-MH-EC-4	H20 81+69.31 44.16 LT	REMOVE MANHOLE AND 48" RCP PIPE (N). PLUG AND ABANDON 48" RCP PIPE (E)	EXIST. 450.15	EXIST. 48" 435.95+/- (E) (PLUG)			EXIST. 48" 435.85+/- (N)						1																				
EX-SA-MH-EC-5	H20 81+76.41 49.48 LT	REMOVE MANHOLE AND 48" RCP PIPE (W)	EXIST. 450.14	EXIST. 48" 435.20+/- (S) (REMOVE)			EXIST. 48" 435.00+/- (W)						1																				
SA-MH-EC-C4	S77 5+99.17 3.73 LT	INSTALL PROPOSED MANHOLE AND CONNECT TO SA-MH-EC-C3 WITH 80.7 LF 12" PVC	461.06				PROP. 12" 452.37 (E)	80.7					3															1	2	10.2			
SA-MH-EC-C3	S77 5+15.09 13.37 LT	INSTALL PROPOSED MANHOLE AND CONNECT TO SA-MH-EC-C2 WITH 250.7 LF 12" PVC	462.54	EXIST. 12" 450.76 (S)	PROP. 12" 450.76 (W)		PROP. 12" 450.66 (E)	250.7																				1	5	13.4			
SA-MH-EC-C2	S77 2+60.94 3.79 RT	INSTALL PROPOSED DROP MANHOLE AND CONNECT TO SA-MH-EC-3 WITH 76.7 LF 12" PVC	466.48	PROP. 12" 453.67 (S)	PROP. 12" 448.15 (W)	PROP. 12" 448.15 (E)	PROP. 12" 448.05 (N)	76.7																				1	1	19.9			
SA-MH-EC-C1	S77 1+15.63 27.04 LT	INSTALL PROPOSED MANHOLE AND CONNECT TO SA-MH-EC-C2 WITH 153.7 LF OF 12" PVC	472.82				PROP. 12" 451.23(W)	153.7																				1	1	23.1			
SA-MH-D-1	S78 7+64.59 18.20 RT	INSTALL PROPOSED MANHOLE AND CONNECT TO SA-MH-D-2 WITH 164.3 LF OF 15" PVC, DN 10-3 (SEE DRAINAGE PROFILE) AND EXTEND EXISTING 12" VTP SEWER WITH 6 FT OF 12" PVC	449.29	PROP 15" 439.94(SE) (SEE DRAINAGE PROFILES)	EXTEND EXIST. 12" VCP WITH 12" PVC 436.01 +/- (S)		PROP 15" 435.86(W)	6.0	164.3																			1	3	15.9			
SA-MH-D-2	S78 9+21.99 7.03 RT	INSTALL PROPOSED MANHOLE AND CONNECT TO SA-MH-EC-8 WITH 44.4 LF OF 24" PVC	436.59	PROP 15" 422.73(E)			PROP 24" 422.65(W)			44.4																		1		15.5			
SA-MH-EC-B1	S77 2+68.31 31.09 LT	INSTALL PROPOSED MANHOLE AT LOCATION OF EXISTING AND CONNECT TO SA-MH-EC-C2 WITH 31.7 LF OF 12" PVC.	466.89	PROP. 12" 455.99 (N)	EXIST. 48" 453.69+/- (W) (PLUG)	EXIST. 48" 453.79+/- (E) (PLUG)	EXIST. 12" 455.49 (S)	31.7					3														1		12.9				
SYSTEM 2 TOTALS								600	164	44	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	12	111	0	0
SEWER TABLE -- SYSTEM 3 - E KENNEDYST (CITY OF SYRACUSE)																																	
SA *	STATION / OFFSET (FT)	DESCRIPTION OF WORK	PROP T.G. ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / OUT ELEV.	603.98120007	603.98150007	603.98240007	603.98300007	603.9848001	603.99050002	604.070301	604.070302	604.070303	604.070304	604.070305	604.070306	604.070307	604.070308	604.070309	604.070310	604.070311	604.070312	604.070313	604.070314	655.1202	660.35030008	664.40480006	664.40720006	664.40960006	
								LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
EX-SA-MH-EK-1	H20 103+47.90 28.32 LT	REMOVE MANHOLE AND ABANDON PIPES AS NEEDED TO FACILITATE THE NOISE WALL CONSTRUCTION	COST INCLUDED UNDER THE NOISE WALL EXCAVATION																														
SYSTEM 3 TOTALS								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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 - THE CONTRACTOR SHALL SET THE COVERS AT FINISH GRADE.

ITEM	DESCRIPTION	UNITS
603.98120007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 12" DIAMETER	LF
603.98150007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 15" DIAMETER	LF
603.98240007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 24" DIAMETER	LF
603.98300007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 30" DIAMETER	LF
603.98480007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 48" DIAMETER	LF
603.99050002	CONCRETE PLUGS FOR SEWER PIPE	EA
604.070301	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070302	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070303	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070304	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA

ITEM	DESCRIPTION	UNITS
604.070305	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070306	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070307	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070308	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070309	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070310	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070311	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070312	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070313	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070314	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA

ITEM	DESCRIPTION	UNITS
655.1202	MANHOLE FRAME AND COVER	EA
660.35030008	SANITARY SEWER SERVICE CONNECTIONS	EA
664.40480006	PRECAST SANITARY SEWER MANHOLE 48"	LF
664.40720006	PRECAST SANITARY SEWER MANHOLE 72"	LF
664.40960006	PRECAST SANITARY SEWER MANHOLE 96"	LF

AFFIX SEAL: J. KOCH ON: 02/28/2024	ALTERED BY: ON:
	

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1
	CITY OF SYRACUSE
	COUNTY: ONONDAGA REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES
103156B
1031559
1031569
2208620
7706370

CULVERTS
N/A

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SANITARY SEWER TABLES - 2

CONTRACT NUMBER
D265478

DRAWING NO. SAT-02
SHEET NO. 601

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



Department of
Transportation

SEWER TABLE -- SYSTEM 4 - RAIL ROAD SYSTEM (CITY OF SYRACUSE)																																		
SA *	STATION / OFFSET (FT)	DESCRIPTION OF WORK	PROP T.G. ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / OUT ELEV.	603.98120007	603.98150007	603.98240007	603.98300007	603.9848001	603.99050002	604.070301	604.070302	604.070303	604.070304	604.070305	604.070306	604.070307	604.070308	604.070309	604.070310	604.070311	604.070312	604.070313	604.070314	655.1202	660.35030008	664.40480006	664.40720006	664.40960006		
								LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
EX-SA-MH-RR-1	H10 104+72.26 77.24 RT	REMOVE MANHOLE. PLUG AND ABANDON 15" VCP PIPE (N)					EXIST. 15" (N)						1																					
EX-SA-MH-RR-2	H10 106+71.55 87.62 RT	REMOVE MANHOLE. PLUG AND ABANDON 15" VCP PIPE (N) & 15" VCP PIPE (S)		EXIST. 15" (S)			EXIST. 15" (N)						2																					
EX-SA-MH-RR-3	H10 109+00.94 60.50 RT	REMOVE MANHOLE. PLUG AND ABANDON 15" VCP PIPE (N) & 15" VCP PIPE (S)		EXIST. 15" (S)			EXIST. 15" (N)						2																					
EX-SA-MH-RR-4	H10 111+49.88 39.18 RT	REMOVE MANHOLE. PLUG AND ABANDON 15" VCP PIPE (N) & 15" VCP PIPE (S)		EXIST. 15" (S)			EXIST. 15" (N)						2																					
SYSTEM 4 TOTALS								0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SEWER TABLE -- SYSTEM 5 - MARTIN LUTHER KING EAST (CITY OF SYRACUSE)																																
SA *	STATION / OFFSET (FT)	DESCRIPTION OF WORK	PROP T.G. ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / OUT ELEV.	603.98120007	603.98150007	603.98240007	603.98300007	603.9848001	603.99050002	604.070301	604.070302	604.070303	604.070304	604.070305	604.070306	604.070307	604.070308	604.070309	604.070310	604.070311	604.070312	604.070313	604.070314	655.1202	660.35030008	664.40480006	664.40720006	664.40960006
								LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
EX-SA-MH-MK-1	H10 113+39.19 30.57 RT	REMOVE MANHOLE, ABANDON PIPES AND PLUG EXISTING 24" VCP (W)	EXIST.RIM 416.6	EXIST. 12" 410.8+/- (NE) (REMOVE)	EXIST. 15" 408.6+/- (S) (REMOVE)		EXIST. 24" 408.2+/- (W) (REMOVE) (PLUG)						1																			
EX-SA-MH-MK-2	H20 113+30.31 2.86 LT	ADJUST MANHOLE TO GRADE, PLUG 24" VCP (S)	414.71	EXIST. 24" 402.3+/- (E) (TO REMAIN)	EXIST. 24" 406.0+/- (S) (PLUG)		EXIST. 24" 402.2+/- (W) (TO REMAIN)						1								1								1			
EX-SA-MH-MK-3	H20 112+95.63 132.47 LT	ADJUST MANHOLE TO GRADE	405.79	EXIST. 24" 394.6+/- (E) (TO REMAIN)			EXIST. 24" 394.5+/- (W) (TO REMAIN)														1								1			
EX-SA-MH-MK-4	S71 1+70.68 19.30 RT	ADJUST MANHOLE TO GRADE	401.29																1										1			
EX-SA-MH-MK-5	S71 1+25.92 19.52 RT	ADJUST MANHOLE TO GRADE	401.20															1											1			
SYSTEM 5 TOTALS								0	0	0	0	0	2	0	0	0	0	1	1	1	1	0	0	0	0	0	0	4	0	0	0	0

- NOTES:
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 - THE CONTRACTOR SHALL SET THE COVERS AT FINISH GRADE.

ITEM	DESCRIPTION	UNITS
603.98120007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 12" DIAMETER	LF
603.98150007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 15" DIAMETER	LF
603.98240007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 24" DIAMETER	LF
603.98300007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 30" DIAMETER	LF
603.98480007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 48" DIAMETER	LF
603.99050002	CONCRETE PLUGS FOR SEWER PIPE	EA
604.070301	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070302	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070303	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070304	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA

ITEM	DESCRIPTION	UNITS
604.070305	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070306	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070307	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070308	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070309	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070310	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070311	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070312	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070313	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070314	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA

ITEM	DESCRIPTION	UNITS
655.1202	MANHOLE FRAME AND COVER	EA
660.35030008	SANITARY SEWER SERVICE CONNECTIONS	EA
664.40480006	PRECAST SANITARY SEWER MANHOLE 48"	LF
664.40720006	PRECAST SANITARY SEWER MANHOLE 72"	LF
664.40960006	PRECAST SANITARY SEWER MANHOLE 96"	LF

AFFIX SEAL: J. KOCH ON: 02/28/2024	ALTERED BY: ON:
	

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5
BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1
CITY OF SYRACUSE
COUNTY: ONONDAGA REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES
103156B
1031559
1031569
2208620
7706370

CULVERTS
N/A

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED
SANITARY SEWER TABLES - 3

CONTRACT NUMBER
D265478
DRAWING NO. SAT-03
SHEET NO. 602

SEWER TABLE -- SYSTEM 6 - RAYNOR (OCDWEP)																																	
SA *	STATION / OFFSET (FT)	DESCRIPTION OF WORK	PROP T.G. ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / OUT ELEV.	603.98120007	603.98150007	603.98240007	603.98300007	603.9848001	603.99050002	604.070301	604.070302	604.070303	604.070304	604.070305	604.070306	604.070307	604.070308	604.070309	604.070310	604.070311	604.070312	604.070313	604.070314	655.1202	660.35030008	664.40480006	664.40720006	664.40960006	
								LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
EX-SA-MH-R-6	S75 9+38.24 3.77 LT	ADJUST MANHOLE TO GRADE	431.13	EXIST. 36" 420.23+/- (E) (TO REMAIN)	EXIST. 24" 417.93+/- (S) (TO REMAIN)	EXIST. 12" 425.23+/- (NE) (TO REMAIN)	EXIST. 36" 416.43+/- (W) (TO REMAIN)										1																
EX-SA-MH-R-7	S75 9+19.368 11.40 LT	ADJUST MANHOLE TO GRADE, PLUG 12" RCP (N)	430.25	EXIST. 36" 416.18+/- (NE)	EXIST 12" 425.1+/- (N) (PLUG)		EXIST. 36" 401.08+/- (W) (TO REMAIN)						1			1																	
SA-MH-R-8	H10 117+79.34 22.66 RT	INSTALL PROPOSED MANHOLE AT LOCATION OF EXISTING MANHOLE, PLUG EXISTING 30" PIPE (N), CONNECT TO SA-MH-RC-1 (NE) AND EXISTING 36" SEWER (E & W)	406.98	PROP. 398.90(NE)	EXIST. 36" 398.58+/- (E) (TO REMAIN)	EXIST 30" 398.90+/- (N) (PLUG)	EXIST. 36" 398.51+/- (W) (TO REMAIN)						1		1													1					
EX-SA-MH-R-9	H10 117+50.34 6.30 LT	ADJUST MANHOLE TO GRADE, PLUG EXISTING 12" RCP (S).	406.78	EXIST. 12" 398.77+/- (S) (PLUG)	EXIST. 18" 401.52+/- (N) (ABANDON)	EXIST. 36" 397.47+/- (E) (TO REMAIN)	EXIST. 36" 397.37+/- (W) (TO REMAIN)						1	1														1					
SYSTEM 6 TOTALS								0	0	0	0	0	3	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0

SEWER TABLE -- SYSTEM 7 - RAYNOR CONNECTION (CITY OF SYRACUSE)																																	
SA *	STATION / OFFSET (FT)	DESCRIPTION OF WORK	PROP T.G. ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / OUT ELEV.	603.98120007	603.98150007	603.98240007	603.98300007	603.9848001	603.99050002	604.070301	604.070302	604.070303	604.070304	604.070305	604.070306	604.070307	604.070308	604.070309	604.070310	604.070311	604.070312	604.070313	604.070314	655.1202	660.35030008	664.40480006	664.40720006	664.40960006	
								LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
SA-MH-RC-1	H10 118+02.71 18.75 RT	INSTALL PROPOSED MANHOLE AND CONNECT TO EX-SA-MH-R-8 WITH 17.4 LF OF 30" PVC	407.24	PROP. 30" 399.31 (NE)			PROP. 30" 399.12 (SW)				18.8																	1		9.6			
SA-MH-RC-2	H10 120+33.51 5.07 LT	INSTALL PROPOSED MANHOLE AND CONNECT TO SA-MH-RC-1 WITH 239.4 LF OF 30" PVC	410.10	PROP. 30" 402.29 (N)			PROP. 30" 402.25 (SW)				228.2																	1		9.5			
SA-MH-RC-3	H10 121+86.86 8.23 RT	INSTALL PROPOSED MANHOLE AND CONNECT TO SA-MH-RC-2 WITH 144.7 LF OF 30" PVC	419.16	PROP. 30" 404.19 (N)			PROP. 30" 404.09 (S)				149.7																	1		16.6			
SA-MH-RC-4	H10 123+35.87 19.79 RT	INSTALL PROPOSED MANHOLE AND CONNECT TO SA-MH-RC-3 WITH 151.5 LF OF 30" PVC	425.80	PROP. 30" 406.17 (N)			PROP. 30" 406.07 (S)				151.5																	1		21.3			
SA-MH-RC-5	H10 124+72.92 44.30 RT	INSTALL PROPOSED MANHOLE AND CONNECT TO SA-MH-RC-4 WITH 103.8 LF OF 30" PVC	426.61	PROP. 30" 407.56 (N)			PROP. 30" 407.46 (S)				103.8																	1		20.7			
SA-MH-VB-1	H10 124+86.17 36.65 RT	INSTALL PROPOSED MANHOLE AT LOCATION OF EXISTING MANHOLE, PLUG EXISTING 12" SCS (W) & 30" RCP (S) AND CONNECT TO SA-MH-RC-5 WITH 11.5 LF OF 30" PVC, EXISTING 12" SEWER (N) AND EXISTING 18" SEWER (NE)	426.43	EXIST. 18" 408.40 (NE) (TO REMAIN)	EXIST. 12"+/- 409.20 (N) (TO REMAIN)		PROP. 30" 407.62 (S)				10.5		2															1			20.3		
SYSTEM 7 TOTALS								0	0	0	662	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	78	20	0

- NOTES:
- STATIONS AND OFFSETS ARE MEASURED TO THE CENTER OF STRUCTURE FOR MANHOLES. SEE DETAILS ON THIS SHEET.
 - THE CONTRACTOR SHALL VERIFY THE GIVEN ELEVATIONS AND NOTIFY THE ENGINEER OF ANY CHANGES REQUIRED TO MEET FIELD CONDITIONS.
 - THE CONTRACTOR SHALL SET THE COVERS AT FINISH GRADE.

ITEM	DESCRIPTION	UNITS
603.98120007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 12" DIAMETER	LF
603.98150007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 15" DIAMETER	LF
603.98240007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 24" DIAMETER	LF
603.98300007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 30" DIAMETER	LF
603.98480007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 48" DIAMETER	LF
603.99050002	CONCRETE PLUGS FOR SEWER PIPE	EA
604.070301	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070302	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070303	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA

ITEM	DESCRIPTION	UNITS
604.070304	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070305	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070306	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070307	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070308	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070309	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070310	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070311	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070312	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA

ITEM	DESCRIPTION	UNITS
604.070313	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070314	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
655.1202	MANHOLE FRAME AND COVER	EA
660.35030008	SANITARY SEWER SERVICE CONNECTIONS	EA
664.40480006	PRECAST SANITARY SEWER MANHOLE 48"	LF
664.40720006	PRECAST SANITARY SEWER MANHOLE 72"	LF
664.40960006	PRECAST SANITARY SEWER MANHOLE 96"	LF

AFFIX SEAL: J. KOCH ON: 02/28/2024	ALTERED BY: ON:
	

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5

BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1

CITY OF SYRACUSE

COUNTY: ONONDAGA

REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES
103156B
1031559
1031569
2208620
7706370

CULVERTS
N/A

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SANITARY SEWER TABLES - 4

CONTRACT NUMBER
D265478

DRAWING NO. SAT-04
SHEET NO. 603

SEWER TABLE -- SYSTEM 8 - VAN BUREN (CITY OF SYRACUSE)																																	
SA *	STATION / OFFSET (FT)	DESCRIPTION OF WORK	PROP T.G. ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / OUT ELEV.	603.98120007	603.98150007	603.98240007	603.98300007	603.9848001	603.99050002	604.070301	604.070302	604.070303	604.070304	604.070305	604.070306	604.070307	604.070308	604.070309	604.070310	604.070311	604.070312	604.070313	604.070314	655.1202	660.35030008	664.40480006	664.40720006	664.40960006	
								LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
EX-SA-MH-VB-2	S74 12+05.37 0.94 LT	ADJUST MANHOLE TO GRADE	443.35	EXIST. 18" 429.52+/- (E) (TO REMAIN)	EXIST. 15" 429.62+/- (SE) (TO REMAIN)		EXIST. 18" 429.32+/- (W) (TO REMAIN)															1						1					
EX-SA-MH-VB-3	S74 13+99.60 0.90 LT	ADJUST MANHOLE TO GRADE	458.82	EXIST. 18" (E) (TO REMAIN)	EXIST. 12" 448.38+/- (N) (TO REMAIN)		EXIST. 18" 446.98+/- (W) (TO REMAIN)																1						1				
EX-SA-MH-VB-4	S74 15+38.23 1.69 LT	ADJUST MANHOLE TO GRADE	469.45	EXIST. 18" (E) (TO REMAIN)	EXIST. 12" (NE) (TO REMAIN)	EXIST. (SE) (TO REMAIN)	EXIST. 18" (W) (TO REMAIN)																	1					1				
EX-SA-MH-VB-5	S74 16+57.34 1.27 LT	ADJUST MANHOLE TO GRADE	478.10	EXIST. 18" 469.09+/- (E) (TO REMAIN)	EXIST. 15" 471.59+/- (N) (TO REMAIN)		EXIST. 18" 468.89+/- (W) (TO REMAIN)																		1				1				
EX-SA-MH-VB-6	S74 18+67.57 1.67 LT	ADJUST MANHOLE TO GRADE	496.67	EXIST. 18" 486.87+/- (NE)	EXIST. 18" 486.67+/- (SE) (TO REMAIN)		EXIST. 18" 486.37+/- (W) (TO REMAIN)																			1			1				
SYSTEM 8 TOTALS								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	5	0	0	0	0
SEWER TABLE -- SYSTEM 9 - IRVING (CITY OF SYRACUSE)																																	
SA *	STATION / OFFSET (FT)	DESCRIPTION OF WORK	PROP T.G. ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / OUT ELEV.	603.98120007	603.98150007	603.98240007	603.98300007	603.9848001	603.99050002	604.070301	604.070302	604.070303	604.070304	604.070305	604.070306	604.070307	604.070308	604.070309	604.070310	604.070311	604.070312	604.070313	604.070314	655.1202	660.35030008	664.40480006	664.40720006	664.40960006	
								LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
EX-SA-MH-I-1	S74 19+00.32 68.07 RT	ADJUST MANHOLE TO GRADE	EXIST. 498.93	EXIST. 15" (S) (TO REMAIN)	EXIST. 12" 489.73+/- (E) (TO REMAIN)		EXIST. 15" 488.43+/- (N) (TO REMAIN)																				1	1					
SYSTEM 9 TOTALS								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0

- NOTES:
- STATIONS AND OFFSETS ARE MEASURED TO THE CENTER OF STRUCTURE FOR MANHOLES. SEE DETAILS ON THIS SHEET.
 - THE CONTRACTOR SHALL VERIFY THE GIVEN ELEVATIONS AND NOTIFY THE ENGINEER OF ANY CHANGES REQUIRED TO MEET FIELD CONDITIONS.
 - THE CONTRACTOR SHALL SET THE COVERS AT FINISH GRADE.

ITEM	DESCRIPTION	UNITS
603.98120007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 12" DIAMETER	LF
603.98150007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 15" DIAMETER	LF
603.98240007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 24" DIAMETER	LF
603.98300007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 30" DIAMETER	LF
603.98480007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 48" DIAMETER	LF
603.99050002	CONCRETE PLUGS FOR SEWER PIPE	EA
604.070301	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070302	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070303	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA

ITEM	DESCRIPTION	UNITS
604.070304	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070305	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070306	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070307	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070308	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070309	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070310	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070311	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070312	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA

ITEM	DESCRIPTION	UNITS
604.070313	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070314	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
655.1202	MANHOLE FRAME AND COVER	EA
660.35030008	SANITARY SEWER SERVICE CONNECTIONS	EA
664.40480006	PRECAST SANITARY SEWER MANHOLE 48"	LF
664.40720006	PRECAST SANITARY SEWER MANHOLE 72"	LF
664.40960006	PRECAST SANITARY SEWER MANHOLE 96"	LF

AFFIX SEAL: J. KOCH
ON: 02/28/2024

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5

BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1

CITY OF SYRACUSE

COUNTY: ONONDAGA

REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES
103156B
1031559
1031569
2208620
7706370

CULVERTS
N/A

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SANITARY SEWER TABLES - 5

CONTRACT NUMBER
D265478

DRAWING NO. SAT-05
SHEET NO. 604



Department of
Transportation

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SEWER TABLE -- SYSTEM 10 - BURT (CITY OF SYRACUSE)																																		
SA *	STATION / OFFSET (FT)	DESCRIPTION OF WORK	PROP T.G. ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / OUT ELEV.	603.98120007	603.98150007	603.98240007	603.98300007	603.98480001	603.99050002	604.070301	604.070302	604.070303	604.070304	604.070305	604.070306	604.070307	604.070308	604.070309	604.070310	604.070311	604.070312	604.070313	604.070314	655.1202	660.35030008	664.40480006	664.40720006	664.40960006		
								LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
SA-MH-BU-3	S70 8+58.40 0.30 LT	INSTALL PROPOSED MANHOLE AT LOCATION OF EXISTING MANHOLE AND CONNECT TO EXISTING 15" VTP SEWER (W) AND 12" VTP SEWER (SE)	401.31	PROP. 15" 395.96 (E)	EXIST. 12" 396.31+/- (SE) (TO REMAIN)		EXIST. 15" 395.89+/- (W) (TO REMAIN)																					1	4	6.9				
SA-MH-BU-2	S70 12+04.10 0.60 LT	INSTALL PROPOSED MANHOLE AND CONNECT TO EX-SA-MH-BU-3 WITH 380.66 LF OF 15" PVC	412.61	PROP. 15" 401.96 (E)	PROP. 15" 399.56 (SE) (SEE DRAINAGE PLANS)		PROP. 15" 399.46 (W)		380.7																			1			14.6			
SA-MH-BU-1	S70 13+77.64 0.60 LT	INSTALL PROPOSED MANHOLE AND CONNECT TO SA-MH-BU-2 WITH 131.39 LF OF 15" PVC, EXISTING 15" VTP SEWER (E),	424.60	EXIST. 15" 411.35 (E)	EXIST. 10" 411.4+/- (SE) (TO REMAIN)	EXIST 10" 422.25+/- (SE) (TO REMAIN)	PROP. 15" 410.40 (W)		131.4																			1		15.7				
SYSTEM 10 TOTALS								0	512	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	23	15	0	
SEWER TABLE -- SYSTEM 11 - SIZER STREET																																		
SA *	STATION / OFFSET (FT)	DESCRIPTION OF WORK	PROP T.G. ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / IN ELEV.	SIDE / SIZE / OUT ELEV.	603.98120007	603.98150007	603.98240007	603.98300007	603.6011	603.99050002	604.070301	604.070302	604.070303	604.070304	604.070305	604.070306	604.070307	604.070308	604.070309	604.070310	604.070311	604.070312	604.070313	604.070314	655.1202	660.35030008	664.40480006	664.40720006	664.40840006		
								LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
PLUG AT MH ON SIZER STREET	H20 118+22 396.0 LT	EXISTING MANHOLE TO REMAIN. PLUG EXISTING (E) SEWER PIPE.	402.56	EXIST (UNKNOWN) (E) (PLUG)			EXIST (UNKNOWN) (W) (TO REMAIN)						1																					
SYSTEM 9 TOTALS								0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL ALL SYSTEMS								625	677	45	663	1230	25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	36	19	212	140	53

NOTES:

- STATIONS AND OFFSETS ARE MEASURED TO THE CENTER OF STRUCTURE FOR MANHOLES. SEE DETAILS ON THIS SHEET.
- THE CONTRACTOR SHALL VERIFY THE GIVEN ELEVATIONS AND NOTIFY THE ENGINEER OF ANY CHANGES REQUIRED TO MEET FIELD CONDITIONS.
- THE CONTRACTOR SHALL SET THE COVERS AT FINISH GRADE.

ITEM 604.0703XX (EA)				
ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES				
STATION	OFFSET	(EA)	XX	DESCRIPTION OF WORK
H20 129+75	3.9 RT	1	16	ADJUST MANHOLE TO TEMPORARY GRADE
H10 132+49	37.7 RT	1	17	ADJUST MANHOLE TO TEMPORARY GRADE
H10 134+17	11.3RT	1	18	ADJUST MANHOLE TO TEMPORARY GRADE
H10 134+78	18.2 RT	1	19	ADJUST MANHOLE TO TEMPORARY GRADE
H10 135+81	29.5RT	1	20	ADJUST MANHOLE TO TEMPORARY GRADE
H10 137+38	44.4RT	1	21	ADJUST MANHOLE TO TEMPORARY GRADE
H10 137+44	37.5RT	1	22	ADJUST MANHOLE TO TEMPORARY GRADE
H10 139+58	14.1 RT	1	23	ADJUST MANHOLE TO TEMPORARY GRADE
H10 140+21	44.0 RT	1	24	ADJUST MANHOLE TO TEMPORARY GRADE
H10 140+29	43.2 RT	1	25	ADJUST MANHOLE TO TEMPORARY GRADE
H10 141+11	39.5 RT	1	26	ADJUST MANHOLE TO TEMPORARY GRADE
H10 141+13	45.2 RT	1	27	ADJUST MANHOLE TO TEMPORARY GRADE

ITEM 634.35000011 (LF)						
TELEVISION INSPECTION AND VIDEO RECORDING OF SEWERS						
BEGIN STA., OFFSET	SAMH #	END STA., OFFSET	SAMH #	LENGTH (LF)	* OF TIMES TO RECORD	TOTAL LENGTH (LF)
H20 74+39, 231.4 LT	UN-NAMED	H10 75+17, 253.7 RT	UN-NAMED	655	2	1310
H20 98+15, 75.7 LT	UN-NAMED	H10 97+71, 73.5 RT	UN-NAMED	212	2	424
S71 4+95, 0.2 LT	UN-NAMED	H20 113+30, 2.9 LT	EX-SA-MH-MK-2	384	2	768
H20 113+30, 2.9 LT	EX-SA-MH-MK-2	H10 113+34, 5.3 LT	DN 10-3	44	2	88
H20 116+34, 301 LT	UN-NAMED	S75 9+38, 3.8 LT	EX-SA-MH-R-6	537	2	1074
S75 7+76, 10.3 LT	UN-NAMED	S75 9+38, 3.8 LT	EX-SA-MH-R-6	162	2	324
S75 6+13, 4.3 LT	UN-NAMED	S75 7+76, 10.3 LT	UN-NAMED	163	2	326
H10 124+86, 36.7 RT	SA-MH-VB-1	S74 18+68, 1.7 LT	EX-SA-MH-VB-6	850	2	1700
S74 18+68, 1.7 LT	EX-SA-MH-VB-6	S74 19+00, 68.1 RT	EX-SA-MH-I-1	84	3	252
H10 124+86, 36.7 RT	SA-MH-VB-1	H10 126+01, 110.3 RT	UN-NAMED	164	2	328
R1 19+61, 13.4 RT	SA-MH-EC-8	R1 18+62, 1.6 RT	UN-NAMED	100	2	200
R1 19+61, 13.4 RT	SA-MH-EC-8	R1 32+22, 43.3 LT	SA-MH-EC-1	1278	1	1278
S77 5+99, 3.7 LT	SA-MH-EC-C4	S77 1+16, 27.0 LT	SA-MH-EC-C1	497	1	497
S77 2+68, 31.1 LT	SA-MH-EC-B1	R1 29+46, 11.4 LT	SA-MH-EC-3	117	1	117
H10 117+79, 22.7 RT	EX-SA-MH-R-8	H10 124+86, 36.7 RT	SA-MH-VB-1	692	1	692
S70 8+58, 0.3 LT	SA-MH-BU-3	S70 13+78, 0.6 LT	SA-MH-BU-1	520	1	520
R1 19+61, 13.4 RT	SA-MH-EC-8	H20 81+69, 44.2 LT	EX-SA-MH-EC-4	453	1	453
TOTAL =						9898

ITEM	DESCRIPTION	UNITS
603.98120007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 12" DIAMETER	LF
603.98150007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 15" DIAMETER	LF
603.98240007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 24" DIAMETER	LF
603.98300007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 30" DIAMETER	LF
603.98480007	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTINGS 48" DIAMETER	LF
603.99050002	CONCRETE PLUGS FOR SEWER PIPE	EA
604.070301	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070302	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070303	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA

ITEM	DESCRIPTION	UNITS
604.070304	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070305	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070306	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070307	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070308	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070309	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070310	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070311	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070312	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA

ITEM	DESCRIPTION	UNITS
604.070313	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
604.070314	ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES	EA
655.1202	MANHOLE FRAME AND COVER	EA
660.35030008	SANITARY SEWER SERVICE CONNECTIONS	EA
664.40480006	PRECAST SANITARY SEWER MANHOLE 48"	LF
664.40720006	PRECAST SANITARY SEWER MANHOLE 72"	LF
664.40960006	PRECAST SANITARY SEWER MANHOLE 96"	LF

AFFIX SEAL: J. KOCH ON: 02/28/2024	ALTERED BY: ON:
	

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5
BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1
CITY OF SYRACUSE
COUNTY: ONONDAGA
REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES
1031568
1031559
1031569
2208620
7706370

CULVERTS
N/A

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SANITARY SEWER TABLES - 6

CONTRACT NUMBER
D265478

DRAWING NO. SAT-06
SHEET NO. 605

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



Department of
Transportation

PROJECT MANAGER J. KOCH

CHECK J. KOCH

DRAFTING T. MAJOR

CHECK J. KOCH

DESIGN T. MAJOR

JOB MANAGER J. KOCH

DESIGN SUPERVISOR J. KOCH

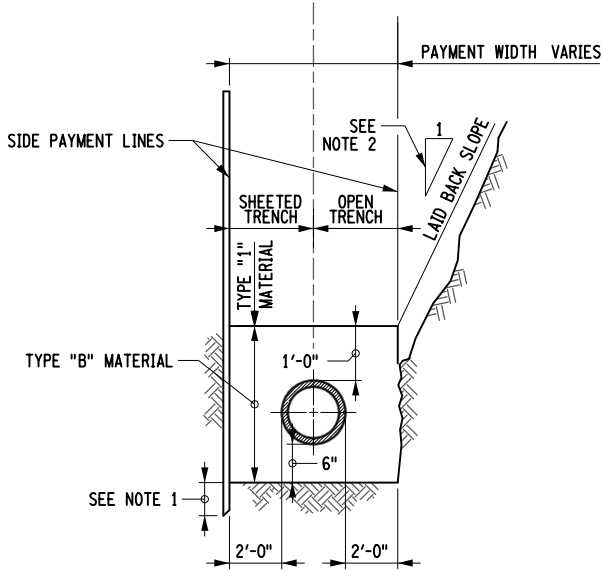
GRANULAR MATERIAL NOTES

TYPE "1" GRANULAR MATERIAL SHALL CONSIST OF RUN OF CRUSHER HARD DURABLE LIMESTONE OR APPROVED EQUAL HAVING THE FOLLOWING GRADATION BY WEIGHT.

PERCENT PASSING	SQUARE OPENING (INCHES)
100	1 1/2
95-100	1 1/2
65-80	1 1/2
40-60	3/4
0-10	*200 SIEVE

TYPE "B" GRANULAR MATERIAL SHALL CONSIST OF CLEAN, SOUND, TOUGH HARD CRUSHED LIMESTONE OR APPROVED EQUAL, FREE FROM COATINGS AND SHALL BE THOROUGHLY WASHED HAVING THE FOLLOWING GRADATION BY WEIGHT.

PERCENT PASSING	SQUARE OPENING (INCHES)
100	1 1/2
NOT MORE THAN 25	3/4
NOT MORE THAN 5	1/2



NOTES:

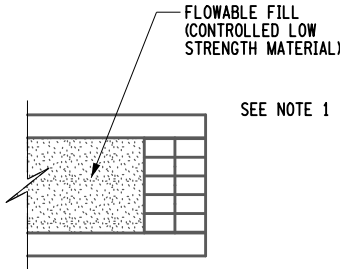
- DEPTH OF SHEETING SHALL BE ADEQUATE TO STABILIZE THE TRENCH.
- LAD BACK SLOPES SHALL BE IN CONFORMANCE WITH O.S.H.A. STANDARDS.

GRANULAR MATERIAL NOTES

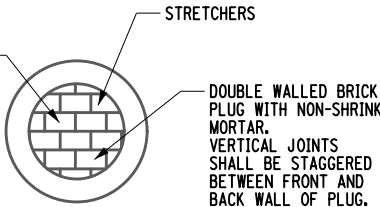
NOT TO SCALE

PAYMENT LIMITS FOR TRENCH EXCAVATION & BACKFILL

NOT TO SCALE



ELEVATION



SECTION

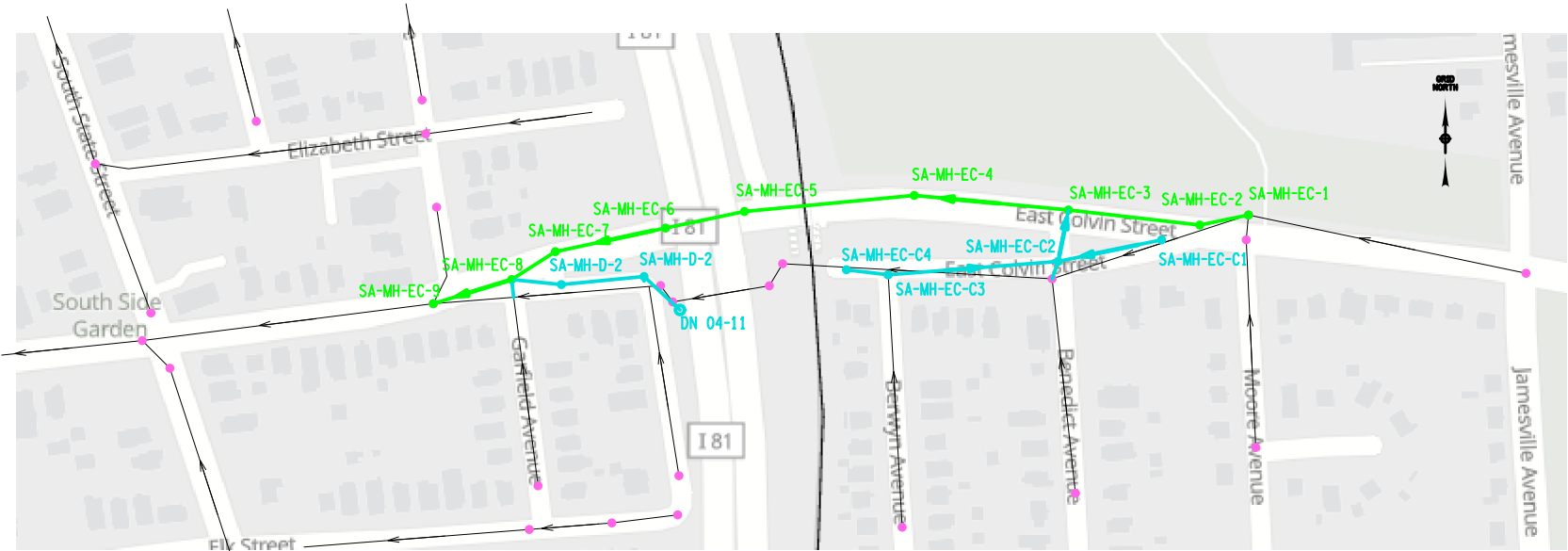
NOTES:

- HEIGHT OF THE PLUG SHALL BE FULL HEIGHT UNLESS OTHERWISE NOTED OR ORDERED BY THE ENGINEER.
- ABANDONED PIPE SHALL BE FILLED WITH FLOWABLE FILL (CONTROLLED LOW STRENGTH MATERIAL) AS ORDERED BY THE ENGINEER.

TYPICAL BULKHEAD (PLUG) DETAIL

PAID FOR UNDER ITEM 603.99050002

NOT TO SCALE



NOTES:

- IT IS ANTICIPATED THAT THE EXISTING SEWER WILL REMAIN IN SERVICE WHILE SA-MH-2 THROUGH SA-MH-8 IS CONSTRUCTED.
- ALL BY-PASS PUMPING AND MAINTENANCE OF SEWER FLOWS FOR EAST COLVIN SHALL BE INCLUDED IN THE BID PRICE FOR ITEM 603.99100105. ALL BY-PASS PUMPING AND MAINTENANCE OF SEWER FLOWS FOR EAST COLVIN ST SPUR SHALL BE INCLUDED IN THE BID PRICE FOR ITEM 603.99100205. ALL BY-PASS PUMPING AND MAINTENANCE OF SEWER FLOWS FOR DOUGAL AVENUE SHALL BE INCLUDED IN THE BID PRICE FOR ITEM 603.991100505.
- PUMP AND SPARE PUMP SHALL BE CAPABLE OF HANDLING THE 10 YEAR WET FLOW OF 60 MGD. SMALLER PUMP SIZES MAY BE APPROVED PART OF THE APPROVAL PROCESS NOTED IN NOTE 2 UNDER MAINTENANCE OF SEWER FLOWS DURING CONSTRUCTION ON DWG. SAN-01, IF IT IS NOTED THAT THE BY-PASS WILL NOT OCCUR IN PERIODS OF WET WEATHER.
- DESIGNER ANTICIPATED STAGING (CONTRACTOR TO PROVIDE COMPLETE TEMPORARY SEWER PIPE AND BY-PASS PUMPING PLAN FOR REVIEW):
 - INSTALL AND TEST PROPOSED OCDWEP SEWER FROM SA-MH-EC-8 THROUGH SA-MH-EC-2.
 - INSTALL AND TEST PROPOSED CITY SEWER FROM SA-MH-EC-8 TO SA-MH-D-1.
 - COLLECT FLOW FROM EXISTING SYSTEM, PROVIDE TEMPORARY PIPE AND BY-PASS PUMPING TO BY-PASS PROPOSED SA-MH-EC-9, INSTALL AND TEST CONNECTION FROM SA-MH-EC-8 AND PROPOSED SA-MH-EC-9.
 - TRANSFER SERVICES AND LATERALS TO INSTALLED AND TESTED PORTIONS OF OCDWEP AND CITY SEWER.
 - CONTINUE TO COLLECT FLOW FROM EXISTING SEWER, PROVIDE TEMPORARY PIPE AND BY-PASS TO CONTINUE TO MAINTAIN FLOW FROM EXISTING SEWER.
 - COLLECT FLOW FROM EXISTING SYSTEM, PROVIDE TEMPORARY PIPE AND BY-PASS TO INSTALL PROPOSED MANHOLE SA-MH-EC-1, INSTALL AND TEST PROPOSED MANHOLE SA-MH-EC-1 AND CONNECT TO PREVIOUSLY INSTALLED SA-MH-EC-2.
 - AT THE SAME TIME OR AFTER INSTALL AND TEST THE PROPOSED CITY SEWER FROM SA-MH-EC-C4 TO SA-MH-EC-C1 WITH CONNECTION TO SA-MH-EC-3.
 - TRANSFER REMAINING SERVICES AND LATERALS TO INSTALLED AND TESTED PORTIONS OF OCDWEP AND CITY SEWER.

LEGEND

- EXISTING SEWER
- EXISTING SEWER MANHOLE
- OCDWEP PROPOSED SEWER
- OCDWEP PROPOSED SEWER MANHOLE
- CITY OF SYRACUSE PROPOSED SEWER
- CITY OF SYRACUSE PROPOSED SEWER MANHOLE
- NYSDOT PROPOSED DRAINAGE MANHOLE

AFFIX SEAL: J. KOCH
ON: 07/31/2024

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5
BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1
CITY OF SYRACUSE
COUNTY: ONONDAGA REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES
1031568
1031559
1031569
2208620
7706370

CULVERTS
N/A

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SANITARY SEWER DETAILS

CONTRACT NUMBER
D265478

DRAWING NO. SAD-01
SHEET NO. 606

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



Department of
Transportation

PROJECT MANAGER J. KOCH

CHECK J. KOCH

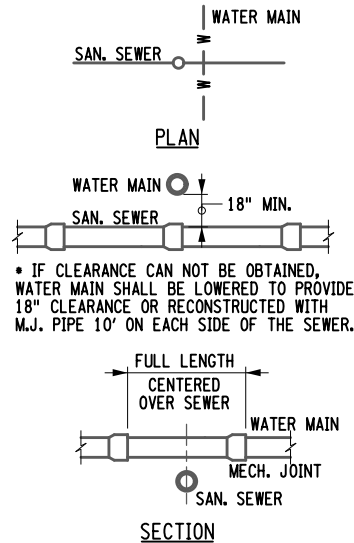
DRAFTING T. MAJOR

CHECK J. KOCH

DESIGN T. MAJOR

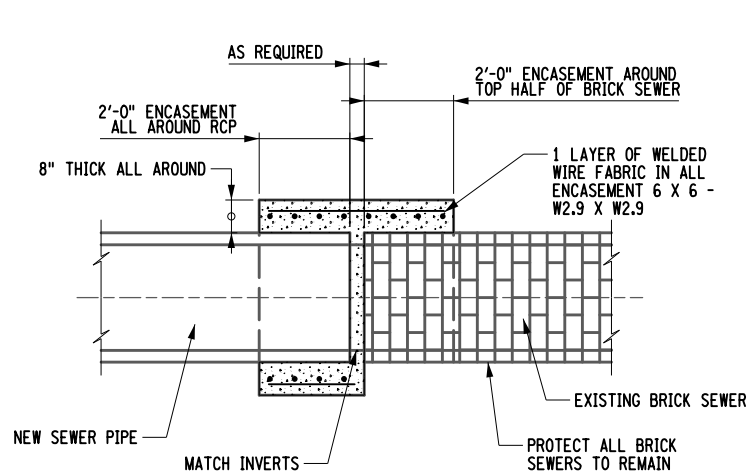
JOB MANAGER J. KOCH

DESIGN SUPERVISOR J. KOCH



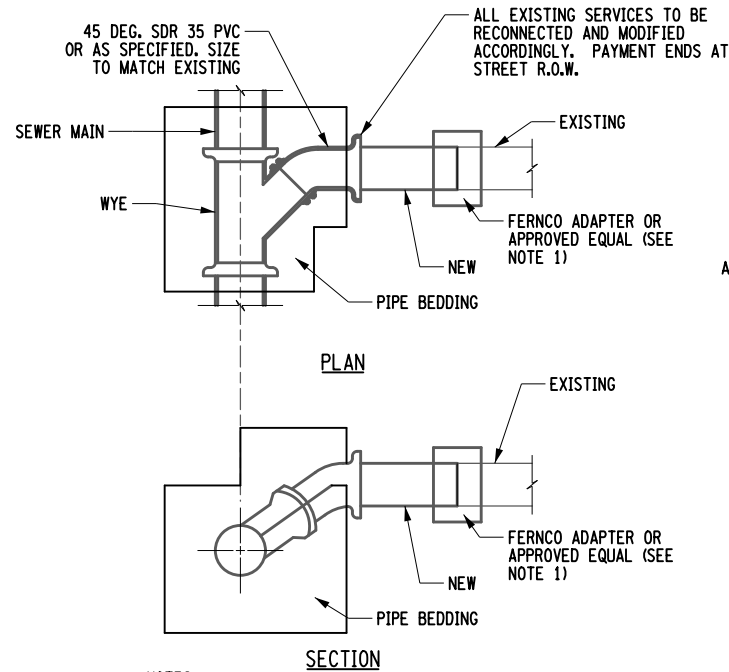
SEWER MAIN AND WATER MAIN SEPARATION DETAIL
NOT TO SCALE

NOTE:
WHEREVER REQUIRED VERTICAL CLEARANCE CAN NOT BE OBTAINED THE SANITARY SEWER SHALL BE ENCASED IN NYSDOT CLASS "A" CONCRETE FOR A DISTANCE OF 10' EITHER SIDE OF THE INTERSECTION WITH THE WATER MAIN AS INSTRUCTED BY THE ENGINEER. CLEARANCE REQUIREMENTS SHALL BE AS OUTLINED IN PART 8.8 OF THE "RECOMMENDED STANDARDS FOR WATER WORKS". ALSO AS REQUIRED IS A 10' MINIMUM HORIZONTAL SEPARATION BETWEEN STORM SEWERS AND WATER MAINS.



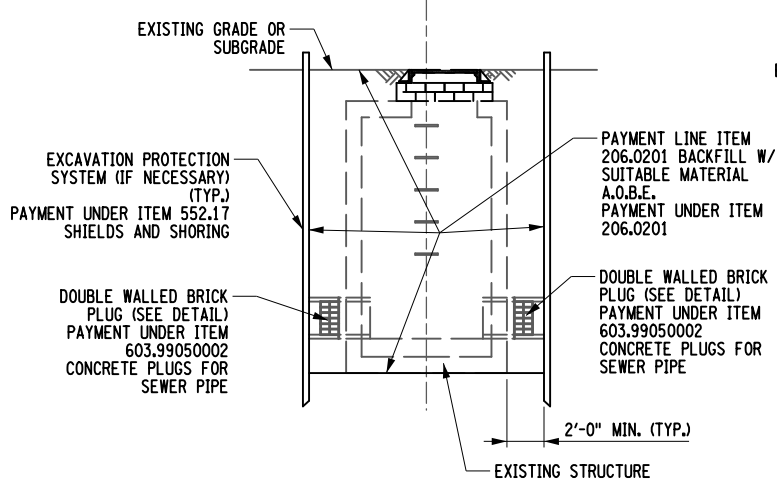
EXISTING BRICK SEWER CONNECTION DETAIL
NOT TO SCALE

NOTES:
1. PAID FOR UNDER THE APPROPRIATE PROPOSED PIPE ITEM.

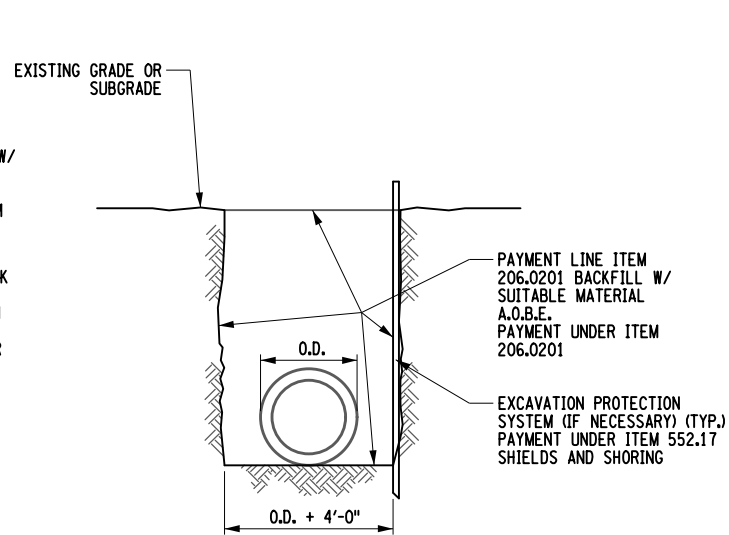


NOTES:
1. USE FERRET ADAPTER OR APPROVED EQUAL WHERE MATERIAL FOR MAIN SEWER PIPE DIFFERS FROM MATERIAL FOR HOUSE LATERAL. OTHERWISE STANDARD FITTING SHALL BE USED.
2. CONTRACTOR TO DETERMINE SAFE EMBEDMENT FOR SHEETING IF APPLICABLE.
3. BED ALL ASSEMBLY PIPING, FITTINGS AND APPURTENANCES ON 6" MIN. BEDDING.
4. PAID FOR UNDER ITEM 660.35030008.
5. ALL EXISTING SANITARY SEWER LATERALS WITHIN THE LIMITS OF FULL DEPTH ROADWAY RECONSTRUCTION SHALL BE REPLACED.

TYPICAL SERVICE SEWER CONNECTION
NOT TO SCALE



REMOVAL OF EXISTING MANHOLE
NOT TO SCALE



REMOVAL OF EXISTING SANITARY SEWER PIPE
NOT TO SCALE

AFFIX SEAL: J. KOCH
ON: 02/28/2024

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5
BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1
CITY OF SYRACUSE
COUNTY: ONONDAGA REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES
1031568
1031559
1031569
2208620
7706370

CULVERTS
N/A

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

SANITARY SEWER DETAILS

CONTRACT NUMBER
D265478

DRAWING NO. SAD-02
SHEET NO. 607

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Watts
Architects
& Engineers

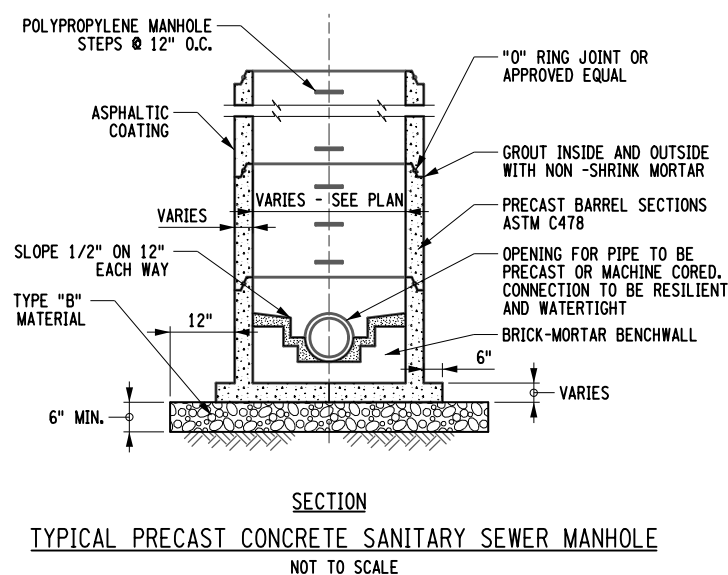
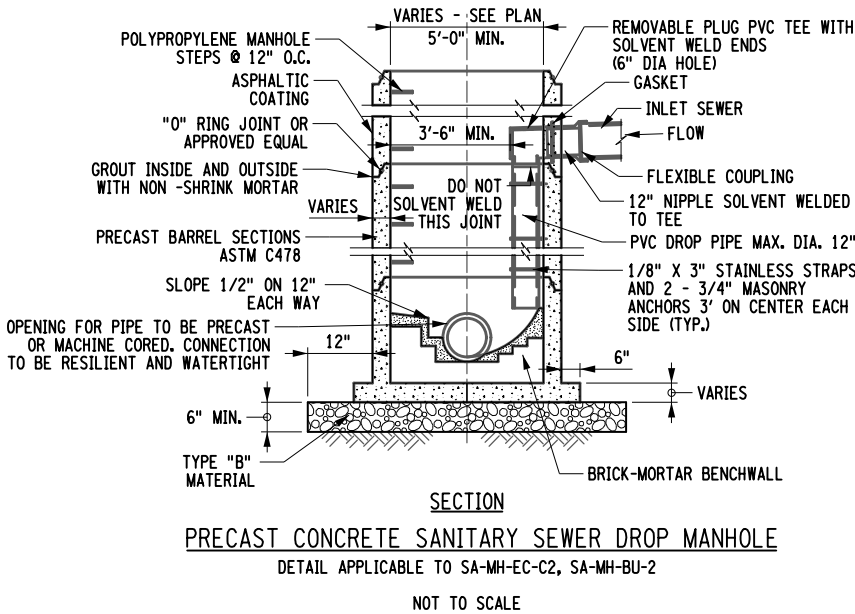
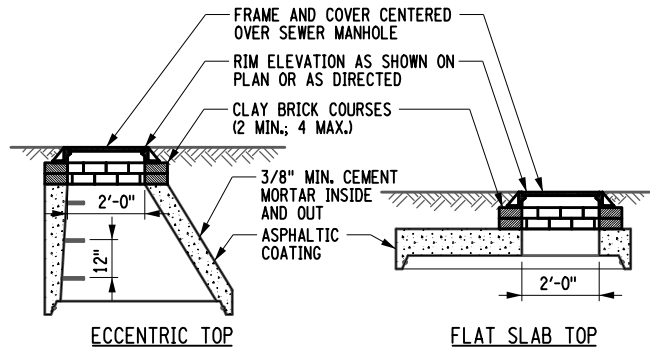
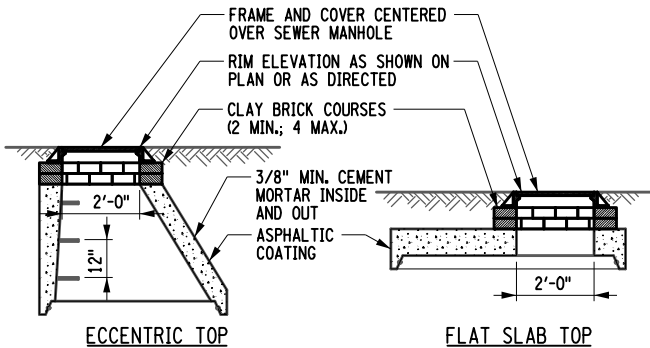
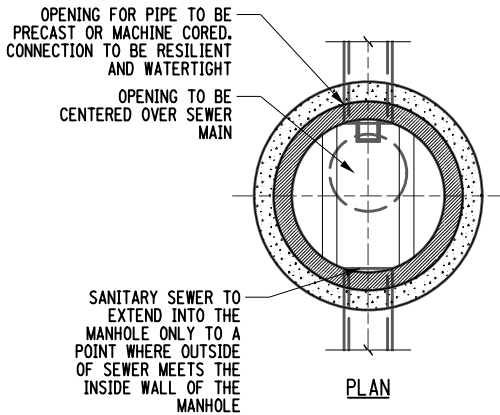
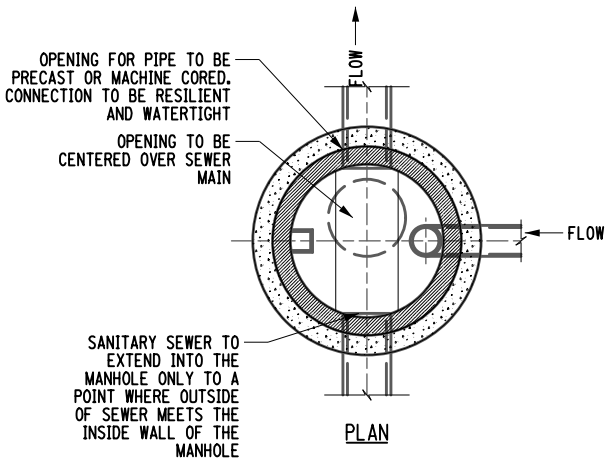
NEW YORK
STATE OF
OPPORTUNITY

Department of
Transportation

NOTE:

1. FRAME AND COVER TO BE EAST JORDAN IRON WORKS, INC. MODEL NO. 3725 OR NEENAH FOUNDRY CO. MODEL NO. R-1642 OR APPROVED ALTERNATE. LETTERING ON COVER TO READ "SANITARY SEWER".
2. STANDARD MANHOLE STEPS SHALL BE NEENAH FOUNDRY INC. NO. R-1982-F OR APPROVED ALTERNATE. THE METHOD OF ATTACHING MANHOLE STEPS TO THE PRECAST SECTIONS IS SUBJECT TO APPROVAL BY THE ENGINEER.
3. SOLID CONCRETE BLOCK OF APPROVED DESIGN MAY BE SUBSTITUTED FOR BRICK.
4. WHERE PRECAST MANHOLE SECTIONS ARE USED, SELF CONTAINED RUBBER GASKETS MAY BE SUBSTITUTED FOR MORTAR JOINTS.
5. THE CONTRACTOR SHALL CONSTRUCT, AT NO EXTRA COST, MANHOLES WITH FLAT SLAB COVERS OF APPROVED DESIGN WHERE THE MANHOLE DEPTH IS INSUFFICIENT TO PERMIT INSTALLATION OF THE TAPER TOP.
6. ALL STRUCTURES FOR SANITARY SEWERS SHALL BE MARKED WITH 2 X 4'S EXTENDING 4 FEET ABOVE FINISHED GRADE, SIMILAR TO LATERAL CONNECTIONS. THE TOP 1 FOOT OF THE 2 X 4'S SHALL BE PAINTED OR SPRAYED RED.

DROP SECTION DIMENSIONS	
LATERAL SEWER DIA. D1	DROP DIA. D2
8"	8"
10"	10"
12"	12"
15"	12"
18"	15"
21"	15"
24"	18"



AFFIX SEAL: J. KOCH
ON: 02/28/2024

ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5

BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1

CITY OF SYRACUSE

COUNTY: ONONDAGA

REGION: 03

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Watts Architects & Engineers

NEW YORK STATE OF OPPORTUNITY

Department of Transportation

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5

BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1

CITY OF SYRACUSE

COUNTY: ONONDAGA

REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES

1031568

1031559

1031569

2208620

7706370

CULVERTS

N/A

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

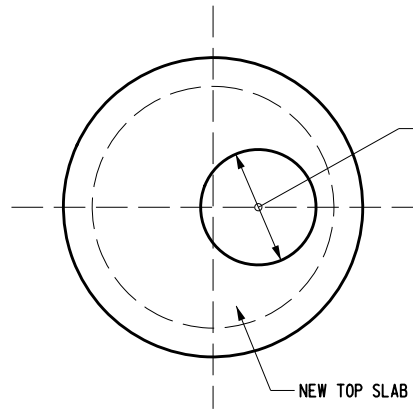
SANITARY SEWER DETAILS

CONTRACT NUMBER
D265478

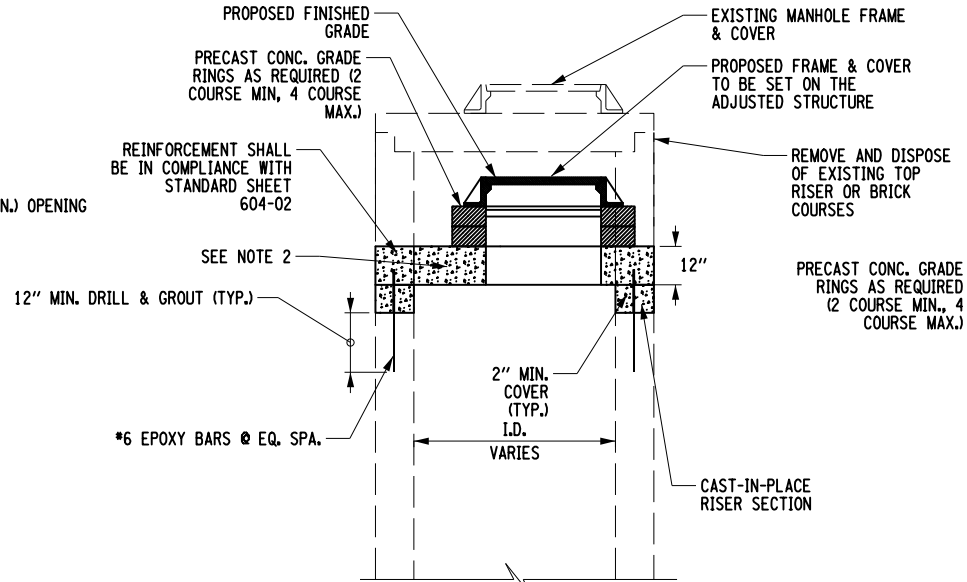
DRAWING NO. SAD-03
SHEET NO. 608

FILE NAME =
DATE/TIME = 3/28/2024
USER = jkoch

PROJECT MANAGER J. KOCH
CHECK J. KOCH
DRAFTING T. MAJOR
CHECK J. KOCH
DESIGN T. MAJOR
DESIGN T. MAJOR
JOB MANAGER J. KOCH
DESIGN SUPERVISOR J. KOCH



PLAN
NOT TO SCALE



ELEVATION
NOT TO SCALE

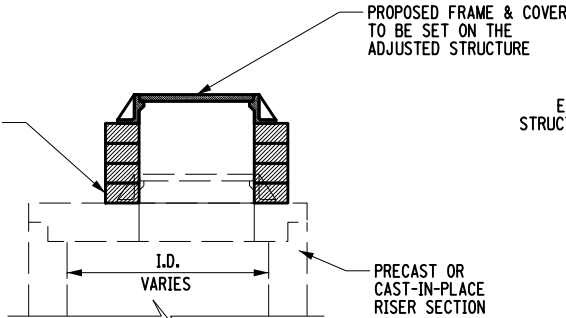
MANHOLE ADJUSTMENT

LOWER

604.070301
604.070302 SEE NOTE 6
604.070303
604.070304

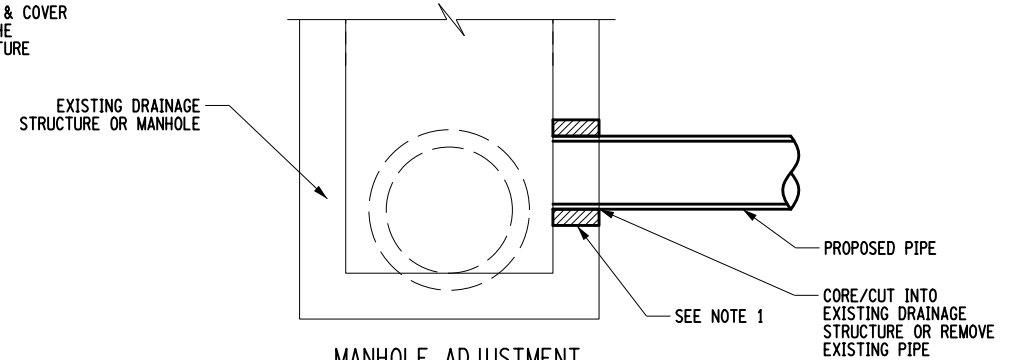
MANHOLE ADJUSTMENT (LOWER) NOTES:

- THE COST OF ALL REINFORCEMENT BARS AND ANY NECESSARY DRILLING, GROUTING AND CONCRETE SHALL BE INCLUDED IN THE BID PRICE FOR ITEM 604.0703XX.
- PRECAST TOP SLAB AND WALL SECTIONS SHALL CONFORM WITH A.S.T.M. C478 AND THE MATERIAL REQUIREMENTS OF SECTION 604 OF NYSDOT STANDARD SPECIFICATION. REFER TO STANDARD SHEET 604-02 (SHEETS 2 AND 3) FOR TOP SLAB REINFORCEMENT.
- CAST-IN-PLACE CONCRETE SHALL BE CLASS A.
- THE LIMIT OF EXISTING RISER REMOVAL IS ASSUMED BASED ON PROPOSED ELEVATION DIFFERENCE.
- A MAXIMUM OF 2" OF MORTAR FOR CONCRETE SHALL BE USED FOR THE FRAME AND GRATE OR BETWEEN ANY ADJUSTMENT RINGS.
- ADJUSTMENT ALSO INCLUDES CONNECTION OF PROPOSED PIPE INTO THE EXISTING MANHOLE. SEE DETAIL TITLED MANHOLE ADJUSTMENT CONNECTION TO EXISTING DRAINAGE STRUCTURE OR MANHOLE ON THIS SHEET.



MANHOLE ADJUSTMENT
RAISE

604.070305
604.070306
604.070307
604.070308
604.070309
604.070310
604.070311
604.070312
604.070313
604.070314



MANHOLE ADJUSTMENT
CONNECTION TO EXISTING DRAINAGE STRUCTURE OR MANHOLE

MANHOLE ADJUSTMENT CONNECTION TO EXISTING DRAINAGE STRUCTURE OR MANHOLE NOTES:

- THE PIPE CONNECTION TO THE EXISTING DRAINAGE STRUCTURE OR MANHOLE SHALL BE COMPLETED IN ACCORDANCE WITH NYSDOT SPECIFICATION SECTION 604 AND NYSDOT STANDARD SHEET 604-02.
- NEW PIPE SHALL BE INSERTED INTO THE EXISTING KNOCKOUT. DUE TO CHANGES IN PIPE SKEW BETWEEN THE EXISTING PIPE AND PROPOSED PIPE OR DIFFERENCE IN PIPE OUTSIDE DIAMETERS DUE TO DIFFERING MATERIALS, THE EXISTING KNOCKOUT MAY REQUIRE SLIGHT MODIFICATIONS IN ORDER TO FIT IN THE NEW PIPE. AFTER INSTALLING THE NEW PIPE FLUSH WITH INSIDE WALL OF STRUCTURE/MANHOLE, PLUG THE REMAINING OPENING PER NOTE 9 ON STD. SHT. 604-02 (SHEET 1 OF 4) ALL WORK SHALL BE INCLUDED IN PRICE BID FOR ITEM 604.0703XX.
- THE CORING/CUTTING COST SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 604.0703XX.

SANITARY MANHOLE ALTERATIONS NOTES:

- EACH ALTERED OR REPAIRED SEWER MANHOLE WILL BE REQUIRED TO BE CLEANED, TO THE BOTTOM OF THE EXISTING STRUCTURE, FOLLOWING ALL REPAIR WORK. THE COST FOR THIS CLEANING SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 604.0703XX.
- ALL WORK AS DESCRIBED ON THIS SHEET AND THE FOLLOWING ITEMS AS SHOWN SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 604.0703XX. FOR THE PARTICULAR WORK ITEMS INDICATED BELOW THE ASSOCIATED NYSDOT SPECIFICATIONS: DESCRIPTION, MATERIALS, AND CONSTRUCTION DETAILS APPLY:
 - A. EXCAVATION - PER ITEM 206.0201
 - B. SELECT GRANULAR FILL - PER ITEM 203.07
 - C. SUBBASE COURSE, PER ITEM 304.15
 - D. TACK COAT - PER ITEM 407.01XX
 - E. CONCRETE CLASS 'C', CLASS 'A'
 - H. SAWCUTTING - PER ITEM 627.50140008
 - I. RESETTING FRAMES, GRATES AND CURB BOXES
 - J. RESETTING/REPLACING CURB
 - K. ASPHALT FOR SIDEWALKS, DRIVEWAYS, VCS - PER ITEM 404.096201
- EACH STRUCTURE SHALL BE EXCAVATED TO THE MINIMUM DEPTH REQUIRED TO REMOVE ALL OF THE EXISTING ASPHALT AND/ OR PORTLAND CEMENT CONCRETE PAVEMENT. THE CONTRACTOR SHALL BE ADVISED THAT EXCAVATION BELOW THIS ELEVATION MAY BE NECESSARY. REMOVE CONCRETE BLOCK, BRICK, OR PORTION OF PRECAST DRAINAGE STRUCTURE TO LIMITS OF DETERIORATION OR A.O.B.E. IF THE EXCAVATION IS LESS THAN 12" BELOW THE REQUIRED MINIMUM DEPTH, IT SHALL BE BACKFILLED WITH MATERIAL CONFORMING TO THE SPECIFICATIONS FOR ITEM 304.15 -SUBBASE COURSE OPTIONAL TYPE. FOR EXCAVATIONS GREATER THAN 12" BELOW THE REQUIRED MINIMUM DEPTH, THE TOP 12" SHALL BE BACKFILLED WITH MATERIAL CONFORMING TO THE SPECIFICATIONS FOR ITEM 304.15 AND THE REMAINING DEPTH SHALL BE BACKFILLED WITH MATERIAL CONFORMING TO THE SPECIFICATIONS FOR ITEM 203.07 - SELECT GRANULAR FILL OR ITEM 304.15, THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 604.0703XX.
- REPAIR DRAINAGE STRUCTURE WITH EITHER CAST-IN-PLACE CLASS A CONCRETE, PRECAST CONCRETE ADJUSTMENT UNITS, SPECIFICATION SECTION 706-04, OR APPROVED PRECAST CONCRETE DRIVEWAY AND SIDEWALK PAVERS, SPECIFICATION SECTION 704-13, AS SHOWN ON THE DETAILS, OR A.O.B.E. ANY MASONRY MORTAR USED SHALL CONFORM TO SPECIFICATION SECTION 705-21. MORTAR MUST BE MECHANICALLY MIXED; HAND MIXING SHALL NOT BE ALLOWED.
- CONCRETE REPAIR MATERIAL WILL NOT BE ALLOWED.
- WHEN MULTIPLE COURSES OF PAVERS ARE USED FOR AN ALTERATION/REPAIR, THE STAGGERING OF THE JOINTS ON SUBSEQUENT COURSES IS REQUIRED.

AFFIX SEAL: J. KOCH
ON: 02/28/2024

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5

BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1

CITY OF SYRACUSE

COUNTY: ONONDAGA

REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES
103156B
1031559
1031569
2208620
7706370

CULVERTS
N/A

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SANITARY SEWER DETAILS

CONTRACT NUMBER
D265478

DRAWING NO. SAD-04
SHEET NO. 609

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



Department of
Transportation

FILE NAME =
DATE/TIME = 31-DEC-2024 15:33
USER = jkoch

DESIGN SUPERVISOR J. KOCH

JOB MANAGER J. KOCH

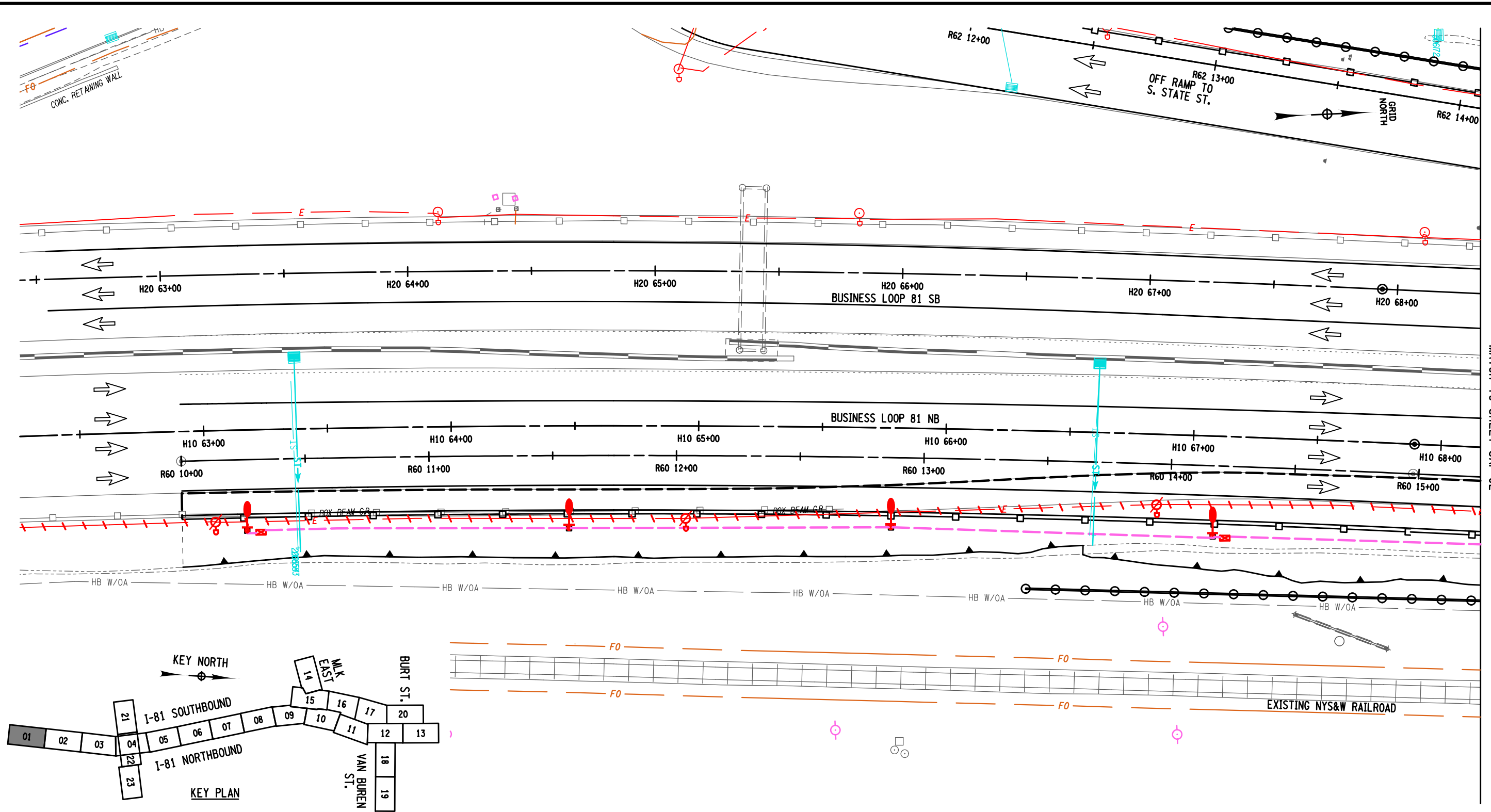
DESIGN T. MAJOR

CHECK J. KOCH

DRAFTING T. MAJOR

CHECK J. KOCH

PROJECT MANAGER J. KOCH



AFFIX SEAL: J. KOCH
ON: 1/3/2025

ALTERED BY:
ON:

STATE OF NEW YORK
JEANETTE COLLEEN KOCH
LICENSED PROFESSIONAL ENGINEER
085905

SUPPLEMENTAL UTILITY LEGEND: ABANDONED UTILITY		NOTES: 1. SEE DWG. NO. UP-01 THRU UP-23 FOR ADDITIONAL UTILITY INFORMATION. 2. NO PROPOSED SANITARY SEWER THIS SHEET.			
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5		PIN 3501.94 UTILITY QUALITY LEVEL VARIES, SEE SUPPLEMENTAL INFORMATION	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1				
	CITY OF SYRACUSE				
	COUNTY: ONONDAGA				

FILE NAME =
DATE/TIME = 31-DEC-2024 15:33
USER = jkoch

DESIGN SUPERVISOR J. KOCH

JOB MANAGER J. KOCH

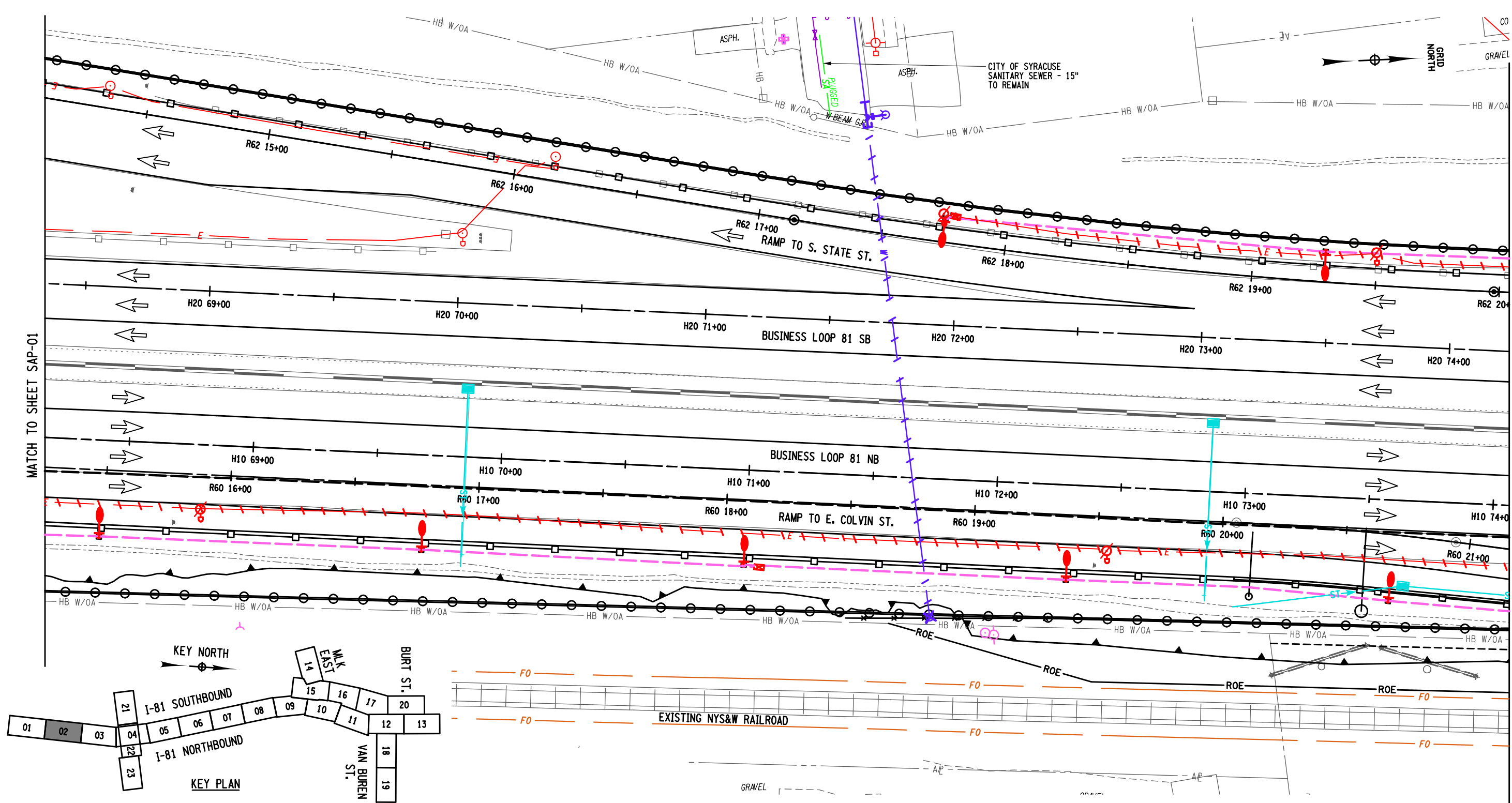
DESIGN T. MAJOR

CHECK J. KOCH

DRAFTING T. MAJOR

CHECK J. KOCH

PROJECT MANAGER J. KOCH



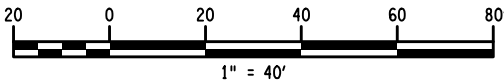
AFFIX SEAL: J. KOCH
ON: 1/3/2025

ALTERED BY:
ON:

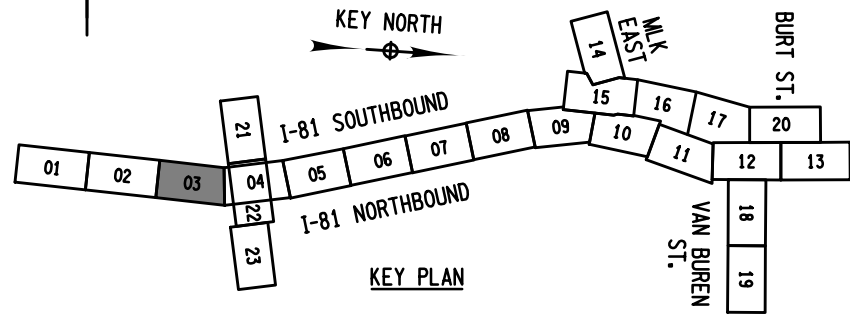
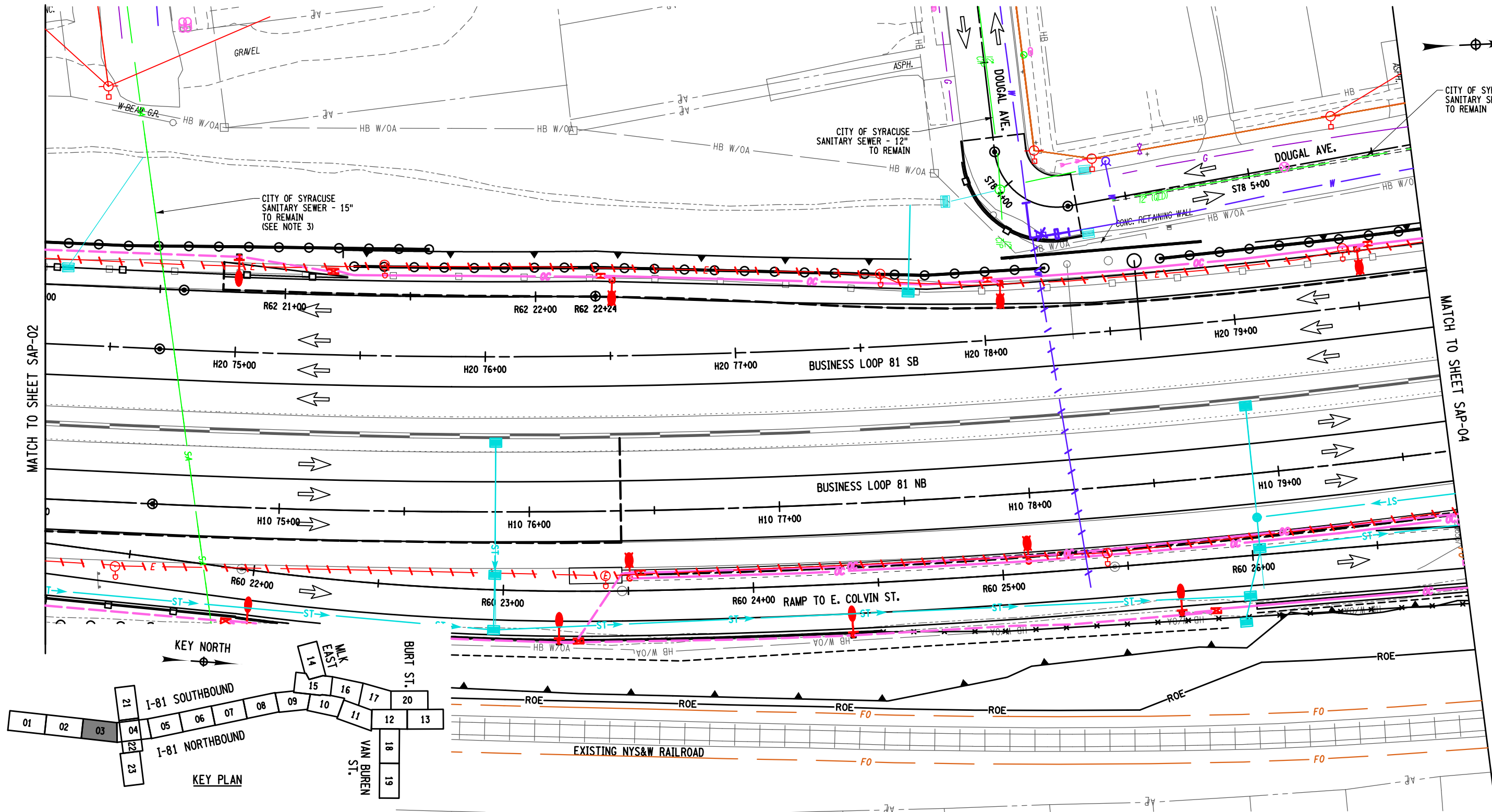
STATE OF NEW YORK
JEANETTE COLLEEN KOCH
085905
LICENSED PROFESSIONAL ENGINEER

SUPPLEMENTAL UTILITY LEGEND:
ABANDONED UTILITY

- NOTES:
- SEE DWG. NO. UP-01 THRU UP-23 FOR ADDITIONAL UTILITY INFORMATION.
 - NO PROPOSED SANITARY SEWER THIS SHEET.



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	PIN 3501.94	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED SANITARY SEWER PLAN - 2 I-81 VIADUCT PROJECT - PHASE 1 CONTRACT 5	CONTRACT NUMBER D265478 DRAWING NO. SAP-02 SHEET NO. 611
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1	UTILITY QUALITY LEVEL VARIES, SEE SUPPLEMENTAL INFORMATION				
	CITY OF SYRACUSE					
	COUNTY: ONONDAGA	REGION: 03				
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						
			Wetzel Architects & Engineers		NEW YORK STATE OF OPPORTUNITY Department of Transportation	

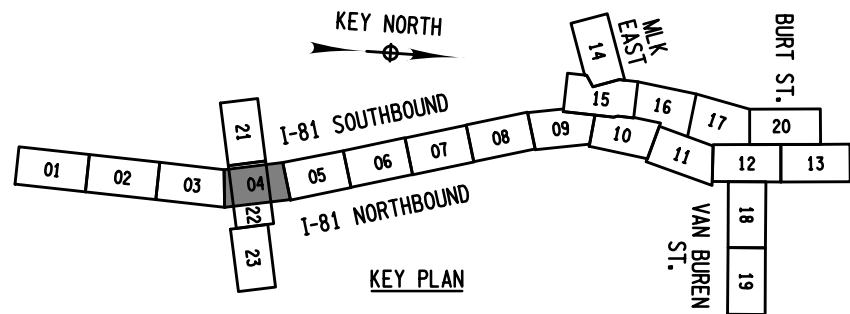


AFFIX SEAL: J. KOCH
ON: 1/3/2025

ALTERED BY:
ON:

SUPPLEMENTAL UTILITY LEGEND:
ABANDONED UTILITY

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	PIN 3501.94	BRIDGES	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1	UTILITY QUALITY LEVEL VARIES, SEE SUPPLEMENTAL INFORMATION	103156B		
	CITY OF SYRACUSE		1031559		
	COUNTY: ONONDAGA	REGION: 03	1031569		
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.			2208620	SANITARY SEWER PLAN - 3 I-81 VIADUCT PROJECT - PHASE 1 CONTRACT 5	DRAWING NO. SAP-03 SHEET NO. 612
			7706370		
				CULVERTS N/A	
				Wetzel Architects & Engineers	NEW YORK STATE OF OPPORTUNITY
					Department of Transportation



AFFIX SEAL: J. KOCH
ON: 1/3/2025

ALTERED BY:
ON:

STATE OF NEW YORK
JEANETTE COLLEEN KOCH
LICENSED PROFESSIONAL ENGINEER
085905

SUPPLEMENTAL UTILITY LEGEND:

ABANDONED UTILITY

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5
BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1
CITY OF SYRACUSE
COUNTY: ONONDAGA REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES
103156B
1031559
1031569
2208620
7706370

CULVERTS
N/A

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
SANITARY SEWER PLAN - 4
I-81 VIADUCT PROJECT - PHASE 1
CONTRACT 5

CONTRACT NUMBER
D265478
DRAWING NO. SAP-04
SHEET NO. 613

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



MATCH TO SHEET SAP-03

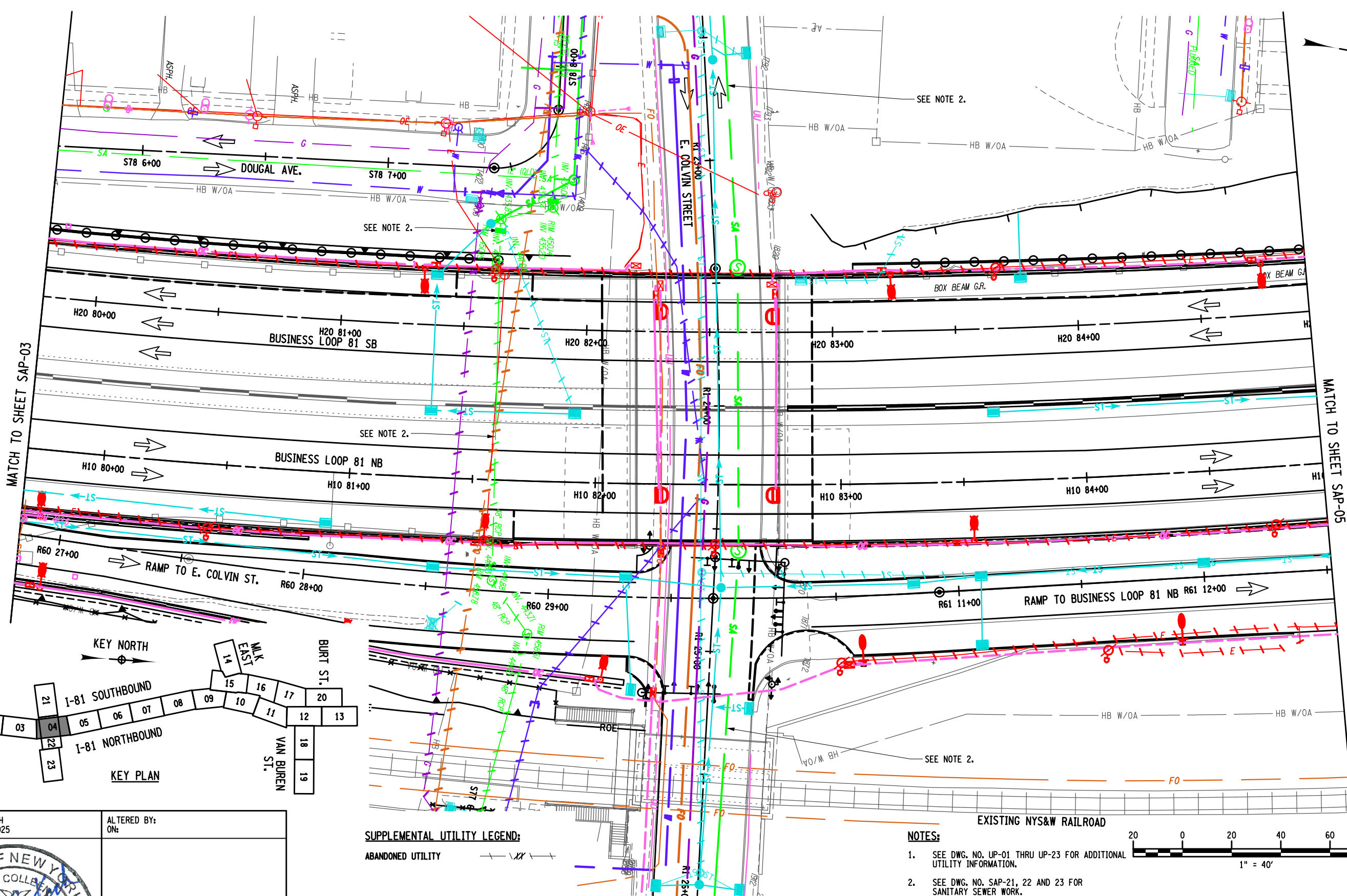
MATCH TO SHEET SAP-05



NOTES:

- SEE DWG. NO. UP-01 THRU UP-23 FOR ADDITIONAL UTILITY INFORMATION.
- SEE DWG. NO. SAP-21, 22 AND 23 FOR SANITARY SEWER WORK.

EXISTING NYS&W RAILROAD



GRID
NORTH

FILE NAME =
DATE/TIME = 31-DEC-2024 15:33
USER = jkoch

DESIGN SUPERVISOR J. KOCH

JOB MANAGER J. KOCH

DESIGN T. MAJOR

CHECK J. KOCH

DRAFTING T. MAJOR

CHECK J. KOCH

PROJECT MANAGER J. KOCH

AFFIX SEAL: J. KOCH
ON: 1/3/2025



ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5
BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1
CITY OF SYRACUSE
COUNTY: ONONDAGA REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES
103156B
1031559
1031569
2208620
7706370

CULVERTS
N/A

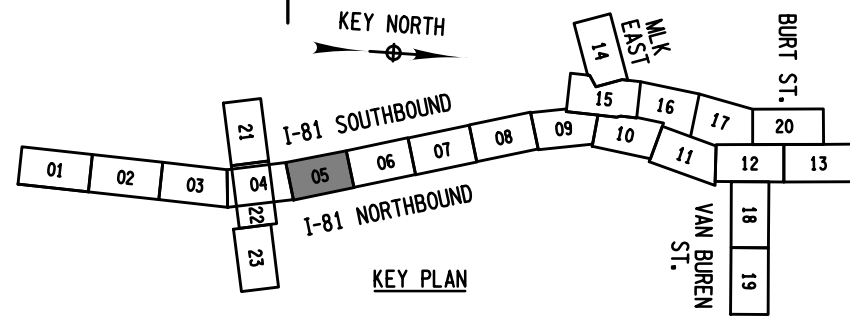
ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
SANITARY SEWER PLAN - 5
I-81 VIADUCT PROJECT - PHASE 1
CONTRACT 5

CONTRACT NUMBER
D265478
DRAWING NO. SAP-05
SHEET NO. 614

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

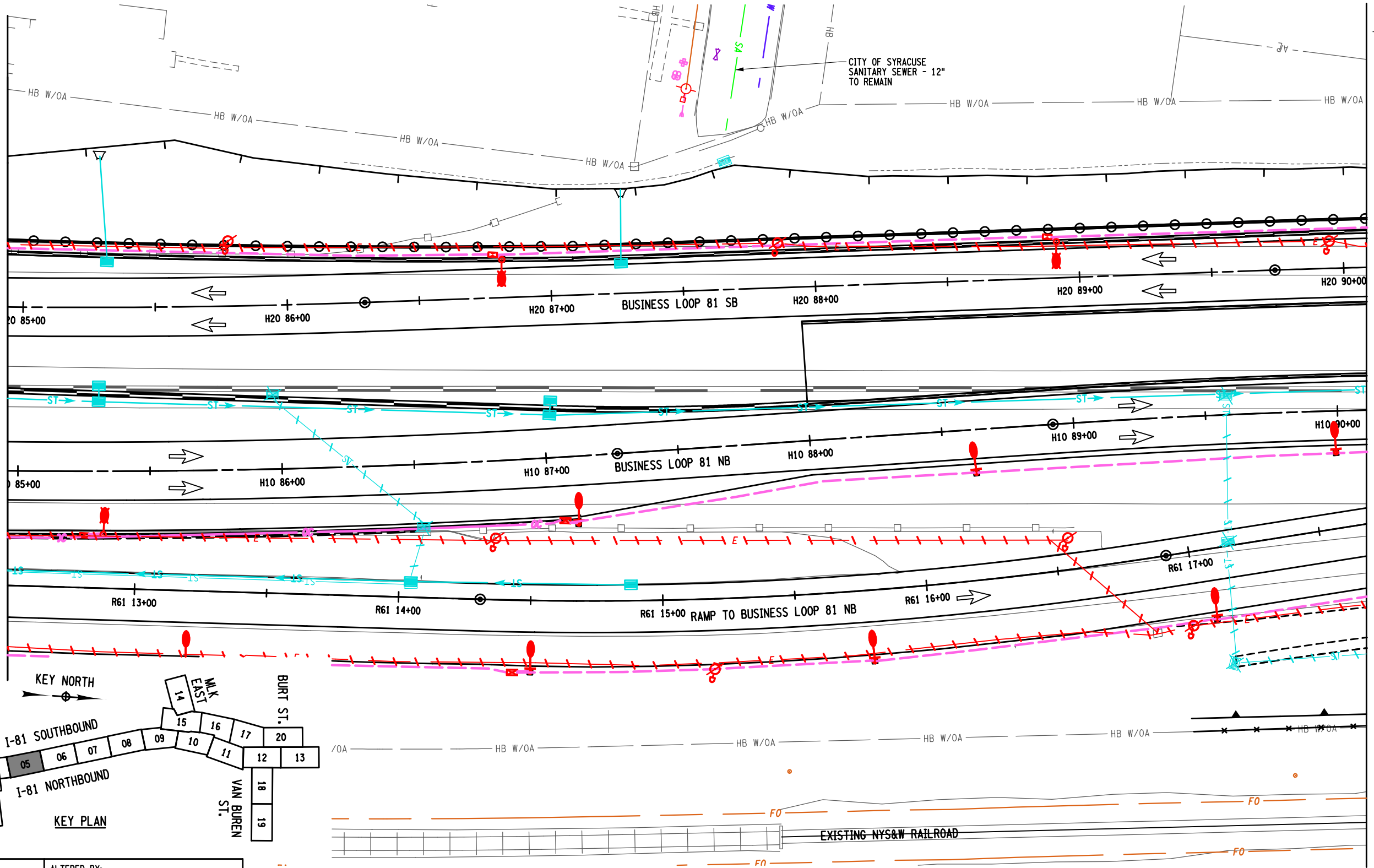


Department of
Transportation



MATCH TO SHEET SAP-04

MATCH TO SHEET SAP-06

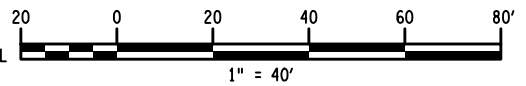


SUPPLEMENTAL UTILITY LEGEND:

ABANDONED UTILITY - - - - -

NOTES:

- SEE DWG. NO. UP-01 THRU UP-23 FOR ADDITIONAL UTILITY INFORMATION.
- NO PROPOSED SANITARY SEWER WORK THIS SHEET.



FILE NAME = 31-DEC-2024 15:33
DATE/TIME =
USER = jkoch

DESIGN SUPERVISOR J. KOCH

JOB MANAGER J. KOCH

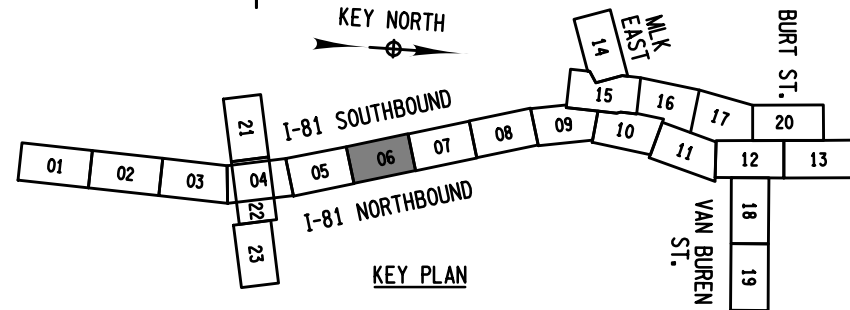
DESIGN T. MAJOR

CHECK J. KOCH

DRAFTING T. MAJOR

CHECK J. KOCH

PROJECT MANAGER J. KOCH



AFFIX SEAL: J. KOCH
ON: 1/3/2025

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5

BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1

CITY OF SYRACUSE

COUNTY: ONONDAGA

REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES
103156B
1031559
1031569
2208620
7706370

CULVERTS
N/A

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

SANITARY SEWER PLAN - 6

I-81 VIADUCT PROJECT - PHASE 1
CONTRACT 5

CONTRACT NUMBER

D265478

DRAWING NO. SAP-06

SHEET NO. 615

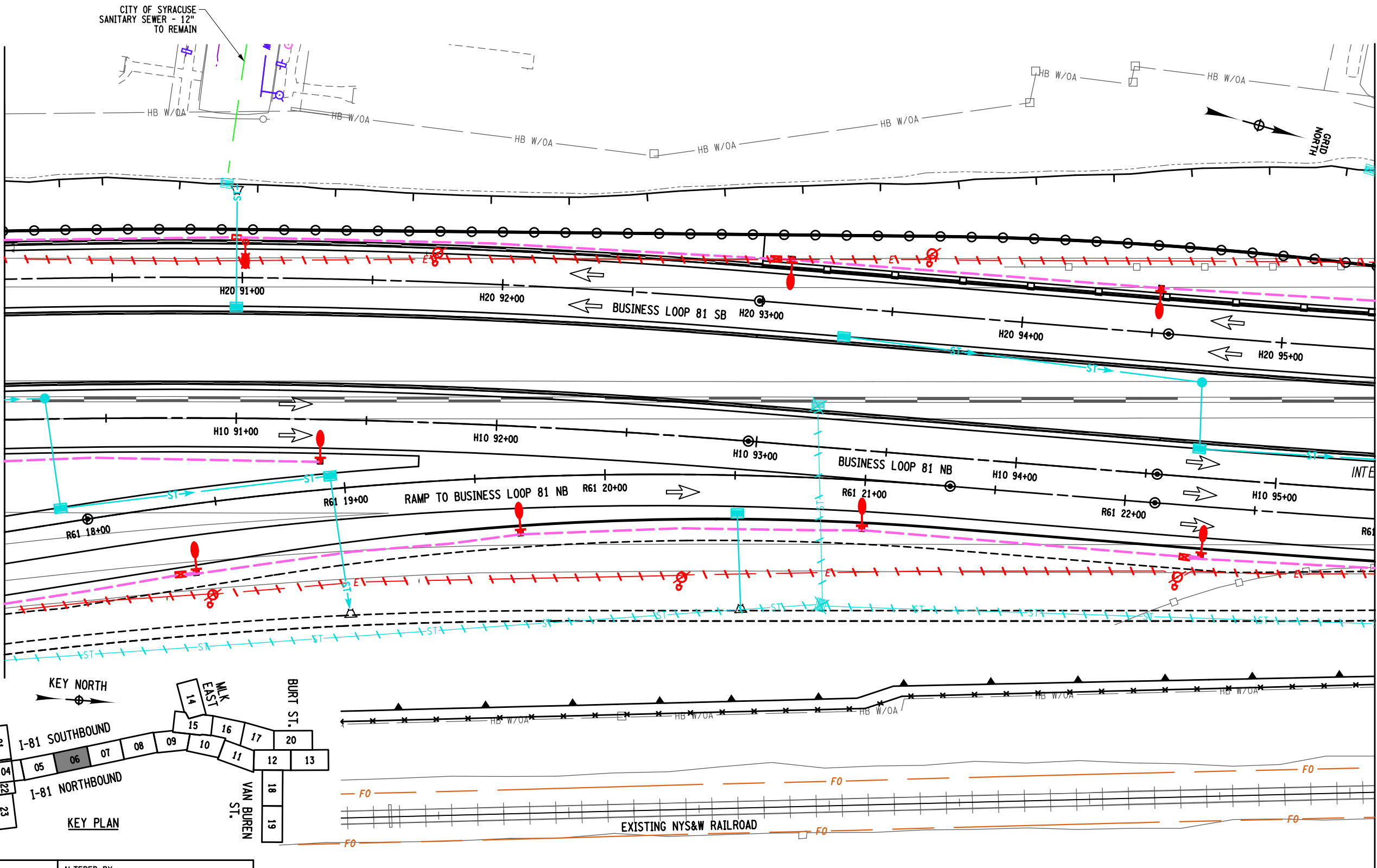
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



Department of
Transportation

MATCH TO SHEET SAP-05

MATCH TO SHEET SAP-07

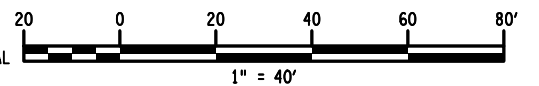


SUPPLEMENTAL UTILITY LEGEND:

ABANDONED UTILITY

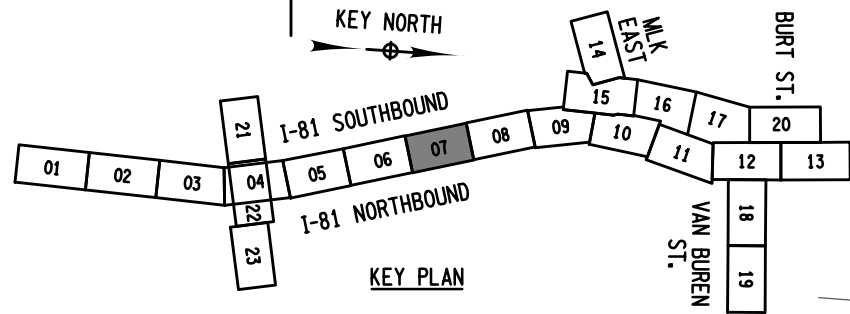
NOTES:

- SEE DWG. NO. UP-01 THRU UP-23 FOR ADDITIONAL UTILITY INFORMATION.
- NO PROPOSED SANITARY SEWER WORK THIS SHEET.



FILE NAME = 31-DEC-2024 15:33
DATE/TIME = 31-DEC-2024 15:33
USER = jkoch

PROJECT MANAGER J. KOCH
CHECK J. KOCH
DRAFTING T. MAJOR
CHECK J. KOCH
DESIGN T. MAJOR
JOB MANAGER J. KOCH
DESIGN SUPERVISOR J. KOCH



KEY NORTH

AFFIX SEAL: J. KOCH
ON: 1/3/2025

ALTERED BY:
ON:

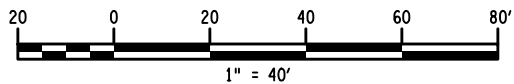
SUPPLEMENTAL UTILITY LEGEND:
ABANDONED UTILITY

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5
BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1
CITY OF SYRACUSE
COUNTY: ONONDAGA REGION: 03

NOTES:

- SEE DWG. NO. UP-01 THRU UP-23 FOR ADDITIONAL UTILITY INFORMATION.
- NO PROPOSED SANITARY SEWER WORK THIS SHEET.
- SEE DWG. NO. SAN-01 FOR SEWER CONDITION DOCUMENTATION NOTES.



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Department of
Transportation

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
SANITARY SEWER PLAN - 7
I-81 VIADUCT PROJECT - PHASE 1
CONTRACT 5

CONTRACT NUMBER
D265478
DRAWING NO. SAP-07
SHEET NO. 616

PIN 3501.94
UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES
103156B
1031559
1031569
2208620
7706370

CULVERTS
N/A

FILE NAME =
DATE/TIME = 31-DEC-2024 15:33
USER = jkoch

DESIGN SUPERVISOR J. KOCH

JOB MANAGER J. KOCH

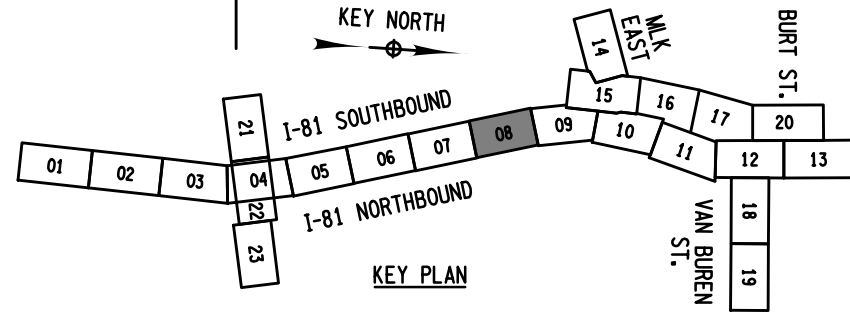
DESIGN T. MAJOR

CHECK J. KOCH

DRAFTING T. MAJOR

CHECK J. KOCH

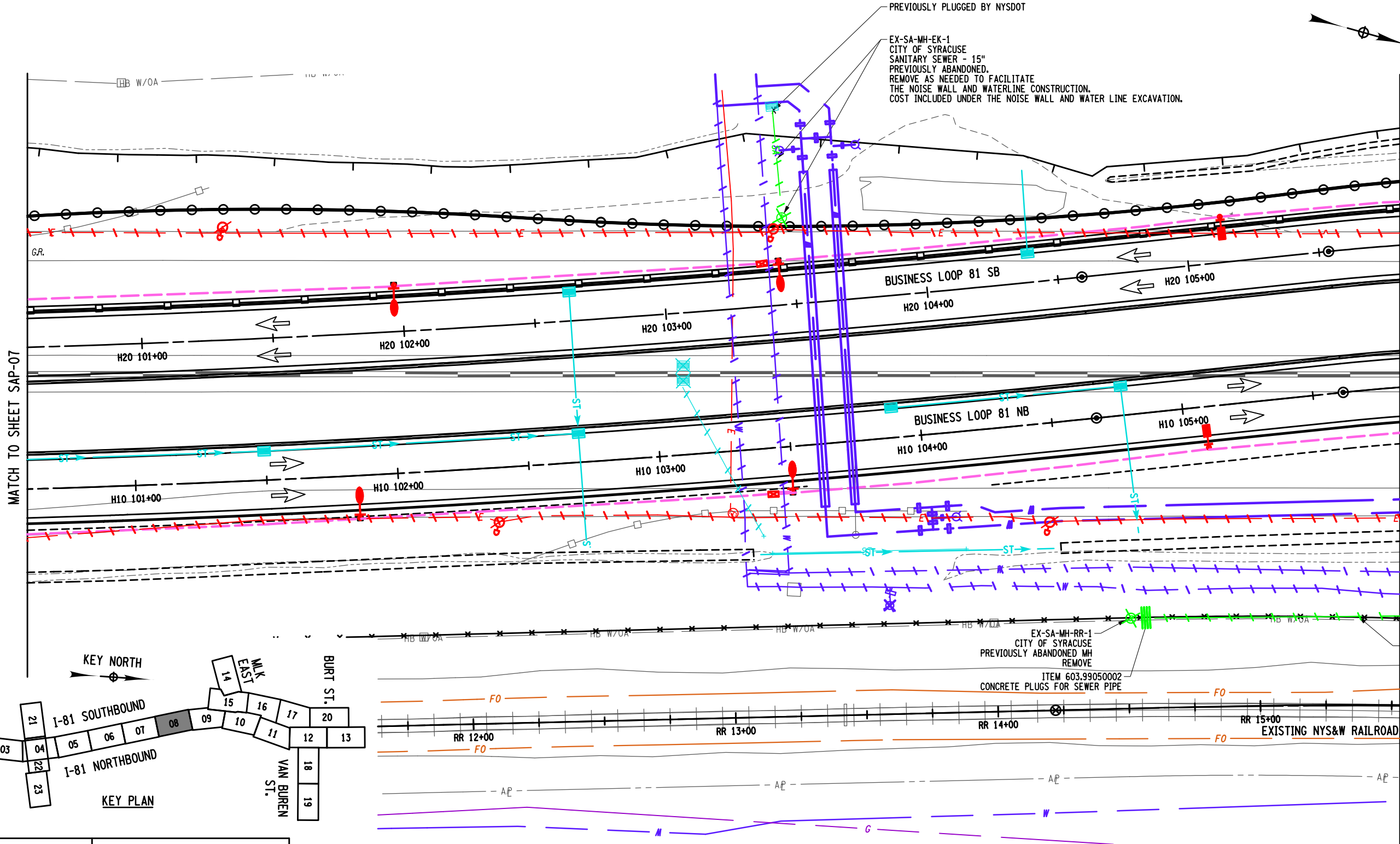
PROJECT MANAGER J. KOCH



AFFIX SEAL: J. KOCH
ON: 1/3/2025

ALTERED BY:
ON:

STATE OF NEW YORK
JEANETTE COLLEEN KOCH
LICENSED PROFESSIONAL ENGINEER
085905

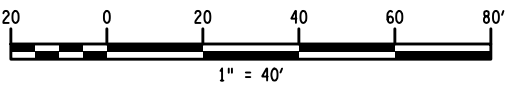


SUPPLEMENTAL UTILITY LEGEND:

ABANDONED UTILITY - - - - -

NOTES:

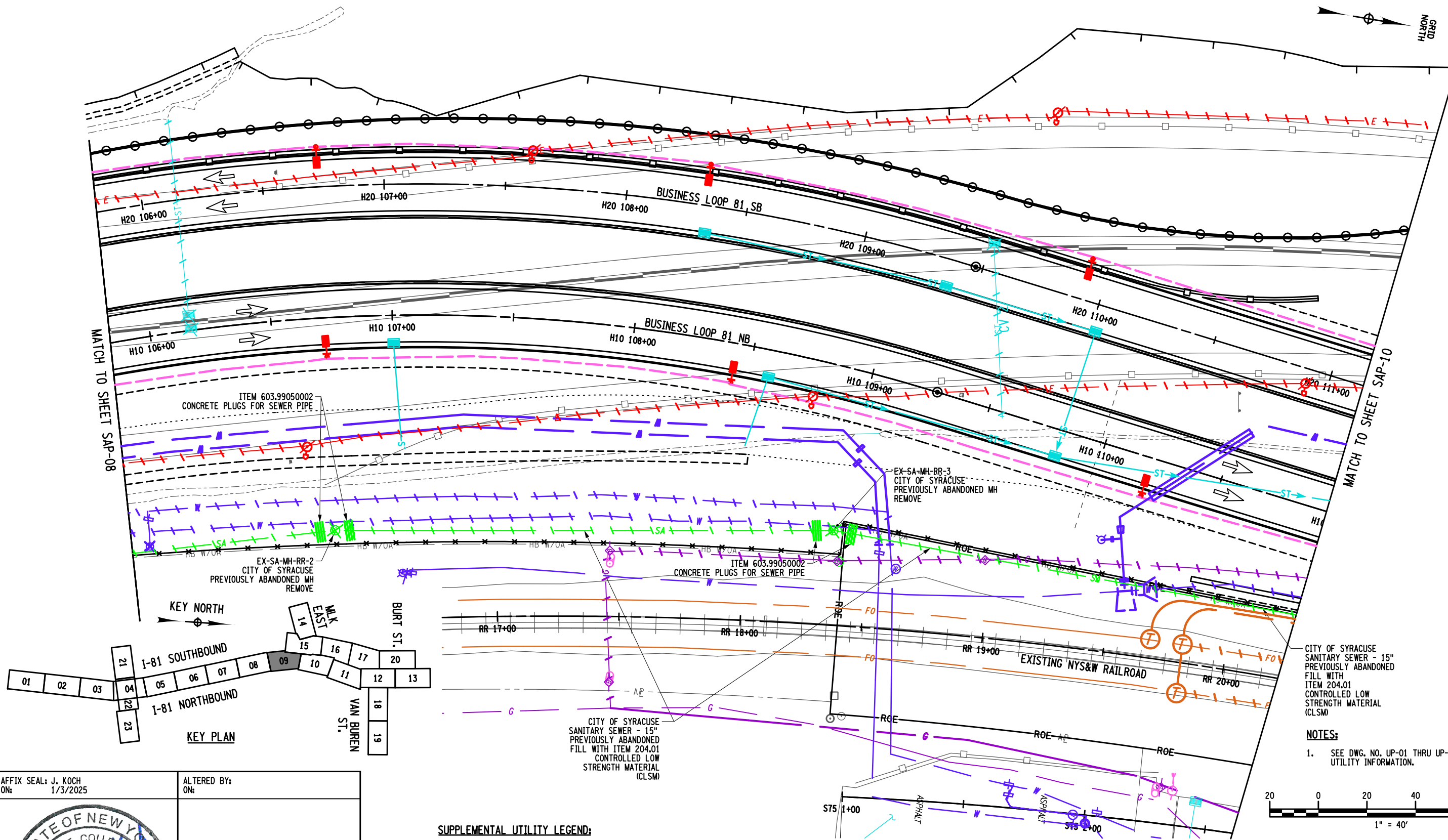
- SEE DWG. NO. UP-01 THRU UP-23 FOR ADDITIONAL UTILITY INFORMATION.
- NO PROPOSED SANITARY SEWER WORK THIS SHEET.



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	PIN 3501.94 UTILITY QUALITY LEVEL VARIES, SEE SUPPLEMENTAL INFORMATION	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED		CONTRACT NUMBER D265478
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1				SANITARY SEWER PLAN - 8 I-81 VIADUCT PROJECT - PHASE 1 CONTRACT 5		DRAWING NO. SAP-08 SHEET NO. 617
	CITY OF SYRACUSE						
	COUNTY: ONONDAGA				REGION: 03		
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.					 Wetzel Architects & Engineers	 NEW YORK STATE OF OPPORTUNITY	Department of Transportation

FILE NAME = 31-DEC-2024 15:33
DATE/TIME =
USER = jkoch

PROJECT MANAGER J. KOCH
CHECK J. KOCH
DRAFTING T. MAJOR
DESIGN T. MAJOR
JOB MANAGER J. KOCH
DESIGN SUPERVISOR J. KOCH



AFFIX SEAL: J. KOCH
ON: 1/3/2025
ALTERED BY:
ON:



SUPPLEMENTAL UTILITY LEGEND:

ABANDONED UTILITY

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5

BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1

CITY OF SYRACUSE

COUNTY: ONONDAGA

REGION: 03

PIN 3501.94

UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES

103156B
1031559
1031569
2208620
7706370

CULVERTS

N/A

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

SANITARY SEWER PLAN - 9

I-81 VIADUCT PROJECT - PHASE 1
CONTRACT 5

CONTRACT NUMBER

D265478

DRAWING NO. SAP-09

SHEET NO. 618

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



Department of
Transportation

Department of
Transportation

FILE NAME = 31-DEC-2024 15:33
DATE/TIME = 31-DEC-2024 15:33
USER = jkoch

PROJECT MANAGER J. KOCH
CHECK J. KOCH
DRAFTING I. MAJOR
DESIGN I. MAJOR
JOB MANAGER J. KOCH
DESIGN SUPERVISOR J. KOCH

AFFIX SEAL: J. KOCH
ON: 1/3/2025

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5
BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1
CITY OF SYRACUSE
COUNTY: ONONDAGA REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES
103156B
1031559
1031569
2208620
7706370

CULVERTS
N/A

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

SANITARY SEWER PLAN - 11
I-81 VIADUCT PROJECT - PHASE 1
CONTRACT 5

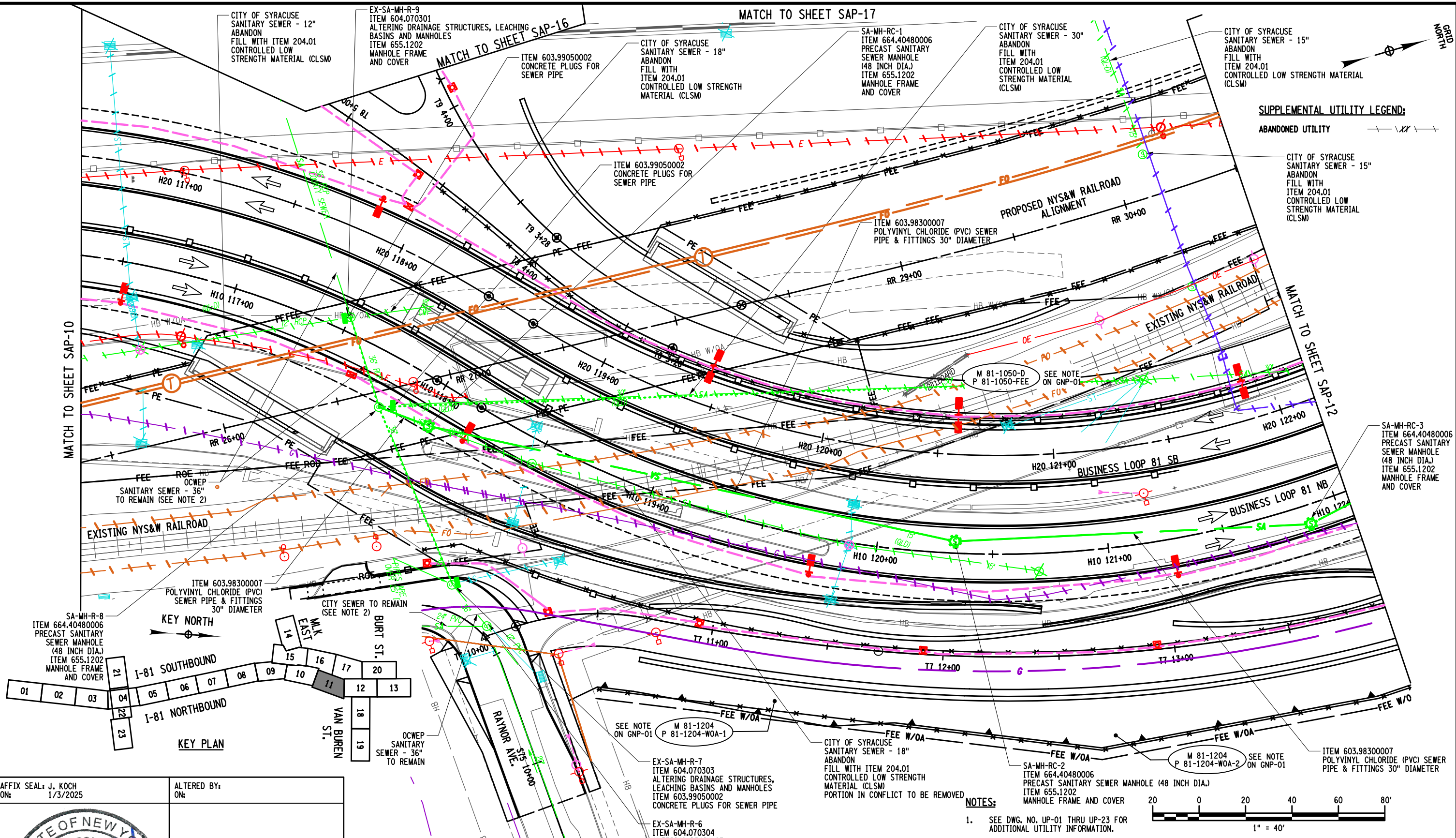
CONTRACT NUMBER
D265478

DRAWING NO. SAP-11
SHEET NO. 620

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



Department of
Transportation



FILE NAME =
DATE/TIME = 31-DEC-2024 15:33
USER = jkoch

DESIGN SUPERVISOR J. KOCH

JOB MANAGER J. KOCH

DESIGN T. MAJOR

CHECK J. KOCH

DRAFTING T. MAJOR

CHECK J. KOCH

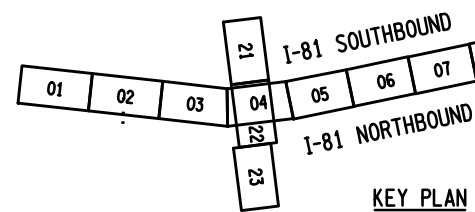
PROJECT MANAGER J. KOCH

SUPPLEMENTAL UTILITY LEGEND:

EX. STEAM LINE ——— UST
EX. CHILLED WATER LINE ——— UCN
ABANDONED UTILITY ——— XX
CITY OF SYRACUSE
SANITARY SEWER - 30"
ABANDON
FILL WITH
ITEM 204.01
CONTROLLED LOW
STRENGTH MATERIAL
(CLSM)

ITEM 603.98300007
POLYVINYL CHLORIDE (PVC)
SEWER PIPE & FITTINGS
30" DIAMETER

KEY NORTH



KEY PLAN

AFFIX SEAL: J. KOCH
ON: 1/3/2025

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5

BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1

CITY OF SYRACUSE

COUNTY: ONONDAGA

REGION: 03

PIN 3501.94

UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES
103156B
1031559
1031569
2208620
7706370

CULVERTS
N/A

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

SANITARY SEWER PLAN - 12

I-81 VIADUCT PROJECT - PHASE 1
CONTRACT 5

CONTRACT NUMBER
D265478

DRAWING NO. SAP-12
SHEET NO. 621

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



Department of
Transportation

MATCH TO SHEET SAP-17

MATCH TO SHEET SAP-20

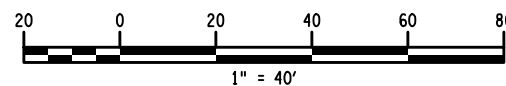
MATCH TO SHEET SAP-13

MATCH TO SHEET SAP-18

SYRACUSE UNIVERSITY
SANITARY SEWER - 12" ASSUMED
TO REMAIN (SEE NOTE 2)

NOTES:

- SEE DWG. NO. UP-01 THRU UP-23 FOR
ADDITIONAL UTILITY INFORMATION.
- SEE DWG. NO. SAN-01 FOR SEWER CONDITION
DOCUMENTATION NOTES.



UNKNOWN OWNER
SANITARY SEWER - 12"
CONTRACTOR TO CONFIRM ACTIVE/INACTIVE
FILL WITH
ITEM 204.01
CONTROLLED LOW
STRENGTH MATERIAL
(CLSM)

CITY OF SYRACUSE
SANITARY SEWER - 18"
TO REMAIN
(SEE NOTE 2)

ITEM 603.98300007
POLYVINYL CHLORIDE (PVC)
SEWER PIPE & FITTINGS
30" DIAMETER

SA-MH-VB-1
ITEM 664.40720006
PRECAST SANITARY
SEWER MANHOLE
(72 INCH DIA.)
ITEM 655.1202
MANHOLE FRAME
AND COVER

SA-MH-RC-4
ITEM 664.40480006
PRECAST SANITARY
SEWER MANHOLE
(48 INCH DIA.)
ITEM 655.1202
MANHOLE FRAME
AND COVER

SEE NOTE
ON GNP-01
M 81-1100
P 81-1100-FEE

SA-MH-RC-5
ITEM 664.40480006
PRECAST SANITARY
SEWER MANHOLE
(48 INCH DIA.)
ITEM 655.1202
MANHOLE FRAME
AND COVER

SEE NOTE
ON GNP-01
M 81-1103
P 81-1103-FEE

SEE NOTE
ON GNP-01
M 81-1103-TE
P 81-1103-TE

SEE NOTE
ON GNP-01
M 81-1102
P 81-1102-FEE

SEE NOTE
ON GNP-01
M 81-1100-TE
P 81-1100-TE

ITEM 603.99050002
CONCRETE PLUGS FOR
SEWER PIPE

FILE NAME =
DATE/TIME = 31-DEC-2024 15:33
USER = jkoch

DESIGN SUPERVISOR J. KOCH

JOB MANAGER J. KOCH

DESIGN T. MAJOR

CHECK J. KOCH

DRAFTING T. MAJOR

CHECK J. KOCH

PROJECT MANAGER J. KOCH

AFFIX SEAL: J. KOCH
ON: 1/3/2025

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5
BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1
CITY OF SYRACUSE
COUNTY: ONONDAGA REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES
103156B
1031559
1031569
2208620
7706370

CULVERTS
N/A

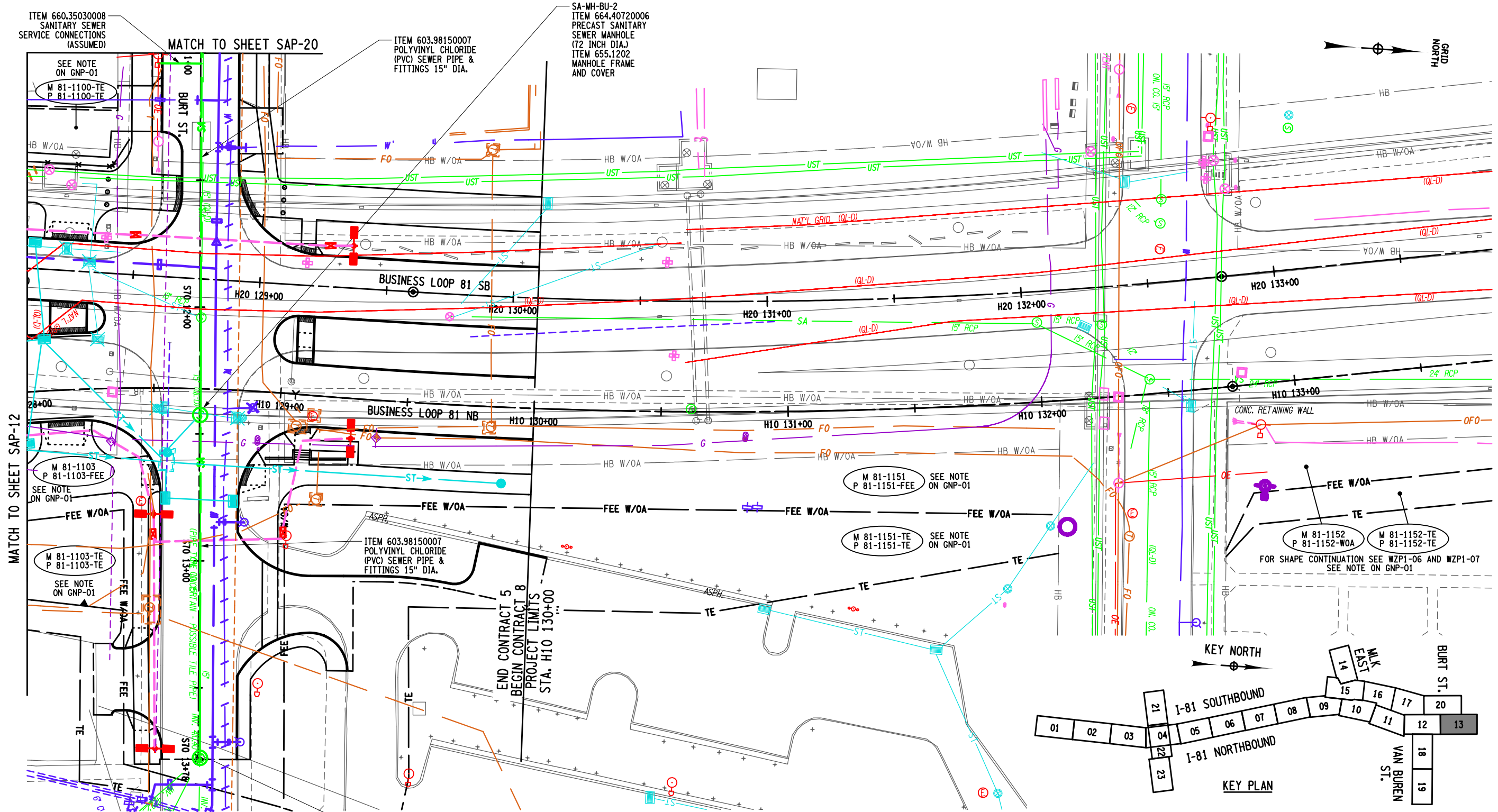
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SANITARY SEWER PLAN - 13
I-81 VIADUCT PROJECT - PHASE 1
CONTRACT 5

CONTRACT NUMBER
D265478
DRAWING NO. SAP-13
SHEET NO. 622

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



Department of
Transportation



SUPPLEMENTAL UTILITY LEGEND:

EX. STEAM LINE — UST —
EX. CHILLED WATER LINE — UCW —
ABANDONED UTILITY — AX —

NOTES:

1. SEE DWG. NO. UP-01 THRU UP-23 FOR
ADDITIONAL UTILITY INFORMATION.

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USER = jkoch

DESIGN SUPERVISOR J. KOCH

JOB MANAGER J. KOCH

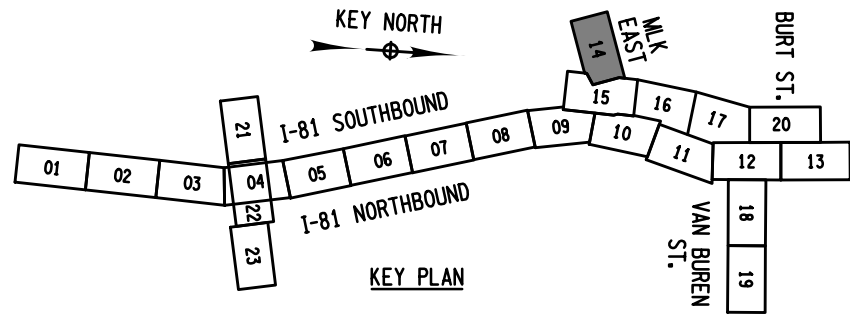
DESIGN T. MAJOR

CHECK J. KOCH

DRAFTING T. MAJOR

CHECK J. KOCH

PROJECT MANAGER J. KOCH



AFFIX SEAL: J. KOCH
ON: 1/3/2025

ALTERED BY:
ON:



SUPPLEMENTAL UTILITY LEGEND:

ABANDONED UTILITY

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5

BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1

CITY OF SYRACUSE

COUNTY: ONONDAGA

REGION: 03

PIN 3501.94

UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES

103156B
1031559
1031569
2208620
7706370

CULVERTS

N/A

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

SANITARY SEWER PLAN - 14

I-81 VIADUCT PROJECT - PHASE 1
CONTRACT 5

CONTRACT NUMBER

D265478

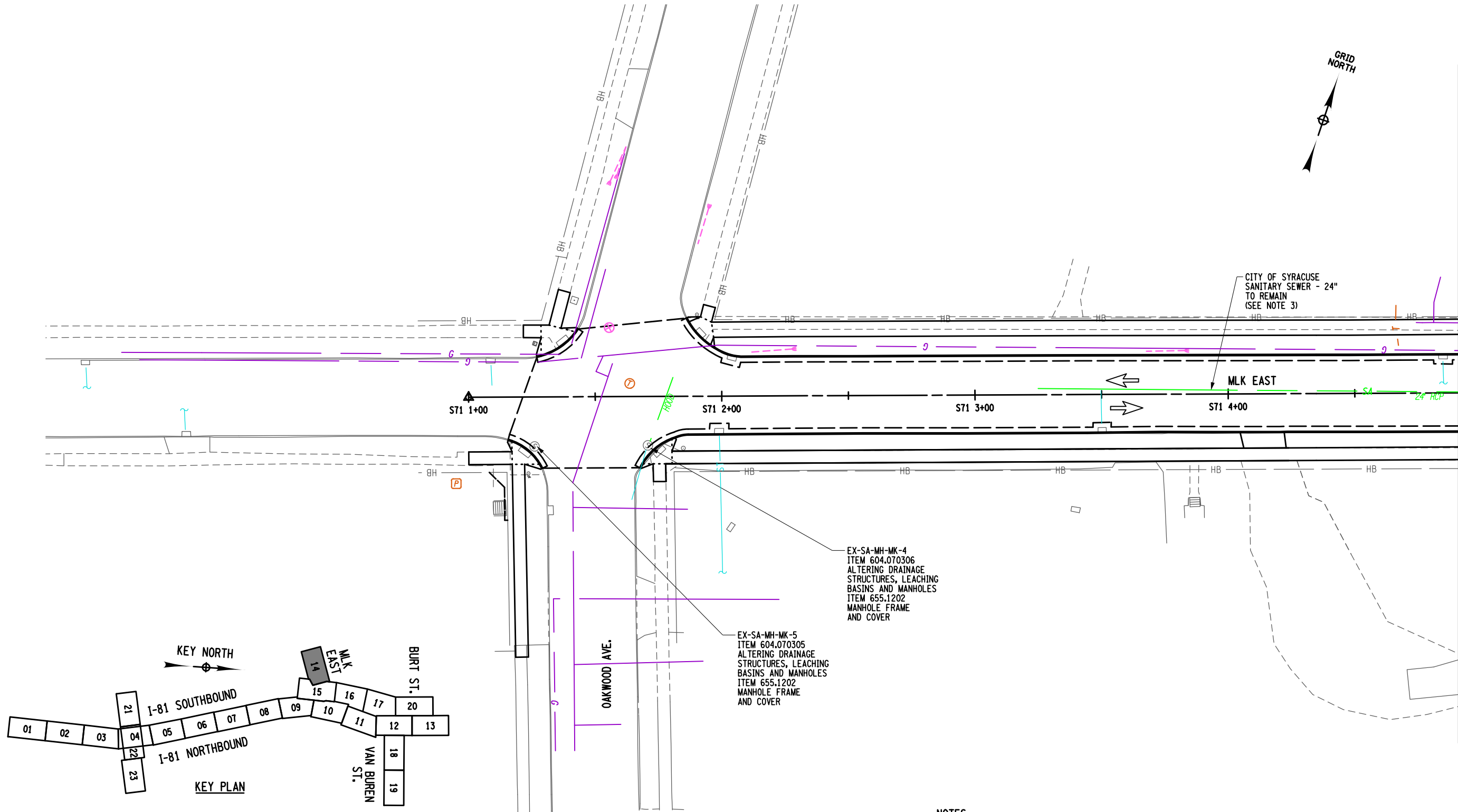
DRAWING NO. SAP-14

SHEET NO. 623

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

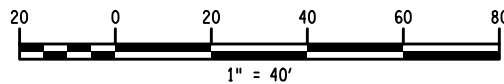


Department of
Transportation



NOTES:

- SEE DWG. NO. UP-01 THRU UP-23 FOR ADDITIONAL UTILITY INFORMATION.
- NO PROPOSED SANITARY SEWER WORK THIS SHEET.
- SEE DWG. NO. SAN-01 FOR SEWER CONDITION DOCUMENTATION NOTES.



MATCH TO SHEET SAP-15

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DATE/TIME = 31-DEC-2024 15:33
USER = jkoch

DESIGN SUPERVISOR J. KOCH

JOB MANAGER J. KOCH

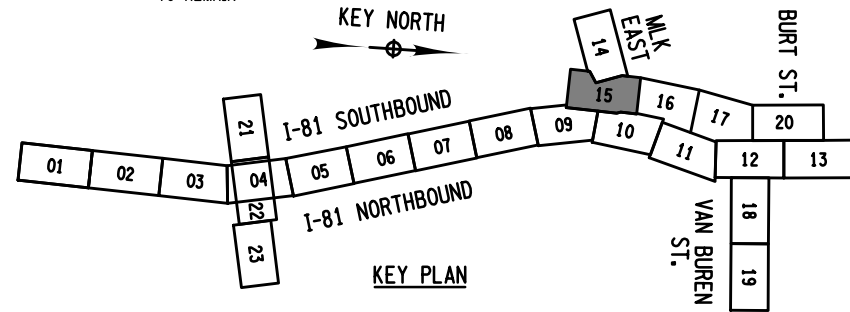
DESIGN T. MAJOR

CHECK J. KOCH

DRAFTING T. MAJOR

CHECK J. KOCH

PROJECT MANAGER J. KOCH



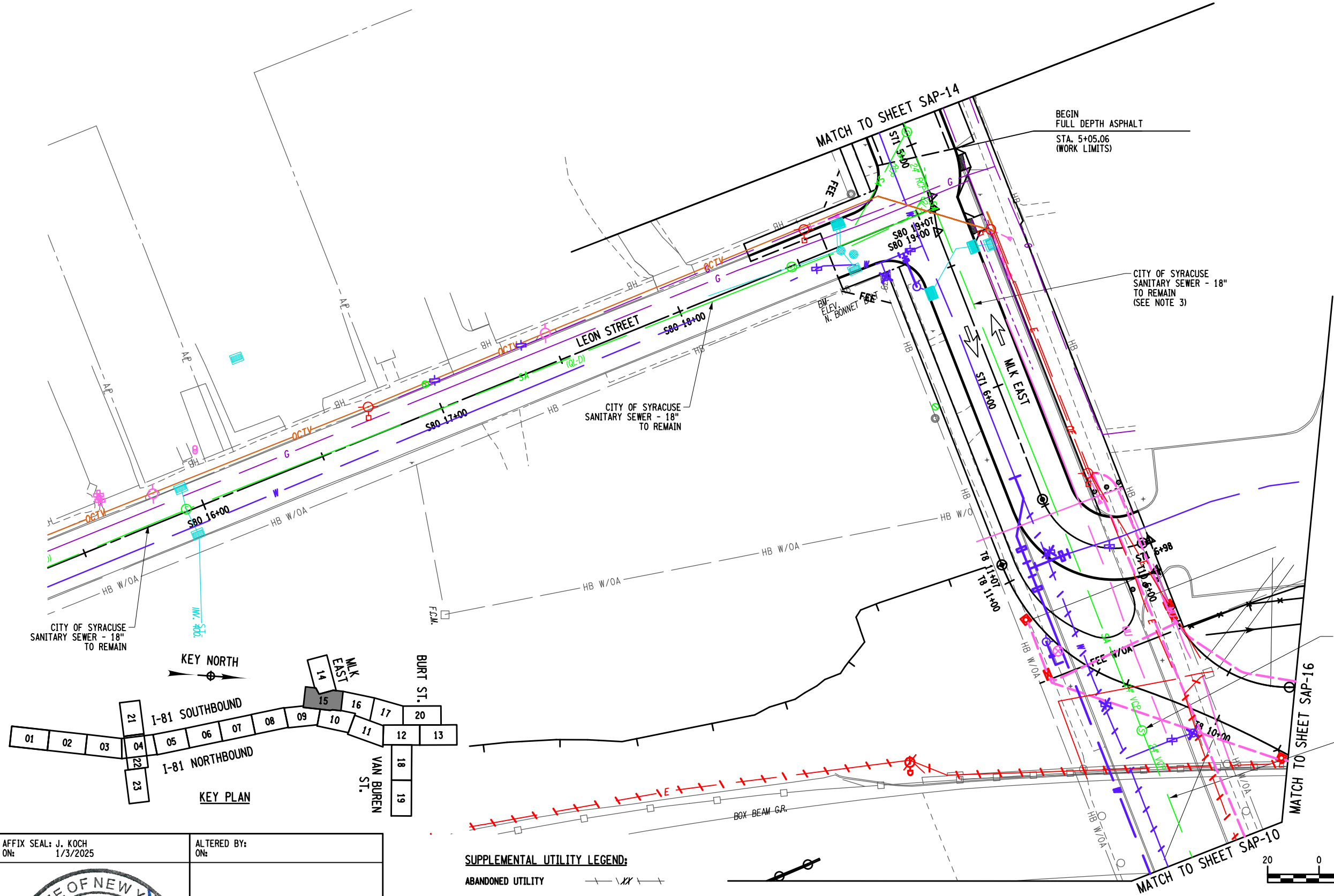
AFFIX SEAL: J. KOCH
ON: 1/3/2025

ALTERED BY:
ON:

SUPPLEMENTAL UTILITY LEGEND:

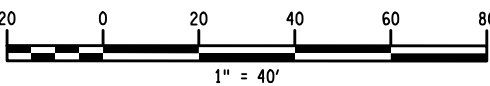
ABANDONED UTILITY - - - - -

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	PIN 3501.94 UTILITY QUALITY LEVEL VARIES, SEE SUPPLEMENTAL INFORMATION	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED		CONTRACT NUMBER D265478	
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1				SANITARY SEWER PLAN - 15 I-81 VIADUCT PROJECT - PHASE 1 CONTRACT 5		DRAWING NO. SAP-15 SHEET NO. 624	
	CITY OF SYRACUSE							
	COUNTY: ONONDAGA				REGION: 03			
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.							 NEW YORK STATE OF OPPORTUNITY	Department of Transportation



NOTES:

- SEE DWG. NO. UP-01 THRU UP-23 FOR ADDITIONAL UTILITY INFORMATION.
- NO PROPOSED SANITARY SEWER WORK THIS SHEET.
- SEE DWG. NO. SAN-01 FOR SEWER CONDITION DOCUMENTATION NOTES.



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DESIGN SUPERVISOR J. KOCH

JOB MANAGER J. KOCH

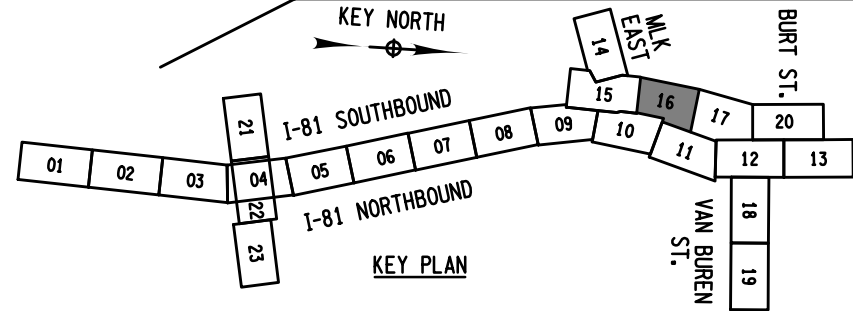
DESIGN T. MAJOR

CHECK J. KOCH

DRAFTING T. MAJOR

CHECK J. KOCH

PROJECT MANAGER J. KOCH



AFFIX SEAL: J. KOCH
ON: 1/3/2025

ALTERED BY:
ON:



SUPPLEMENTAL UTILITY LEGEND:

ABANDONED UTILITY

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5

BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1

CITY OF SYRACUSE

COUNTY: ONONDAGA

REGION: 03

PIN 3501.94

UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES
103156B
1031559
1031569
2208620
7706370

CULVERTS
N/A

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

SANITARY SEWER PLAN - 16

I-81 VIADUCT PROJECT - PHASE 1
CONTRACT 5

CONTRACT NUMBER

D265478

DRAWING NO. SAP-16

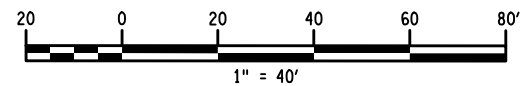
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IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



NOTES:

- SEE DWG. NO. UP-01 THRU UP-23 FOR ADDITIONAL UTILITY INFORMATION.
- NO PROPOSED SANITARY SEWER WORK THIS SHEET.
- SEE DWG. NO. SAN-01 FOR SEWER CONDITION DOCUMENTATION NOTES.



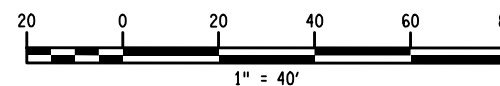
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MATCH TO SHEET SAP-10

MATCH TO SHEET SAP-11

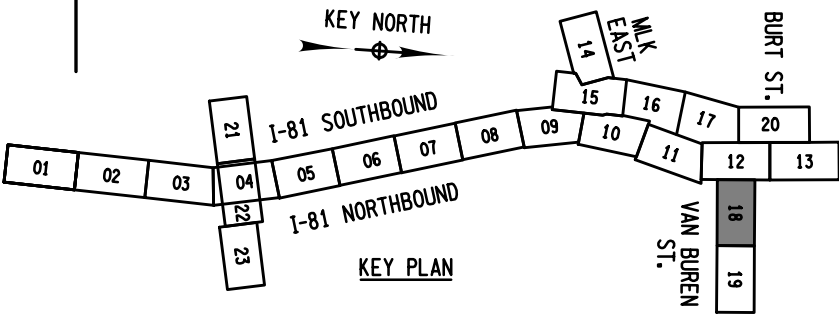
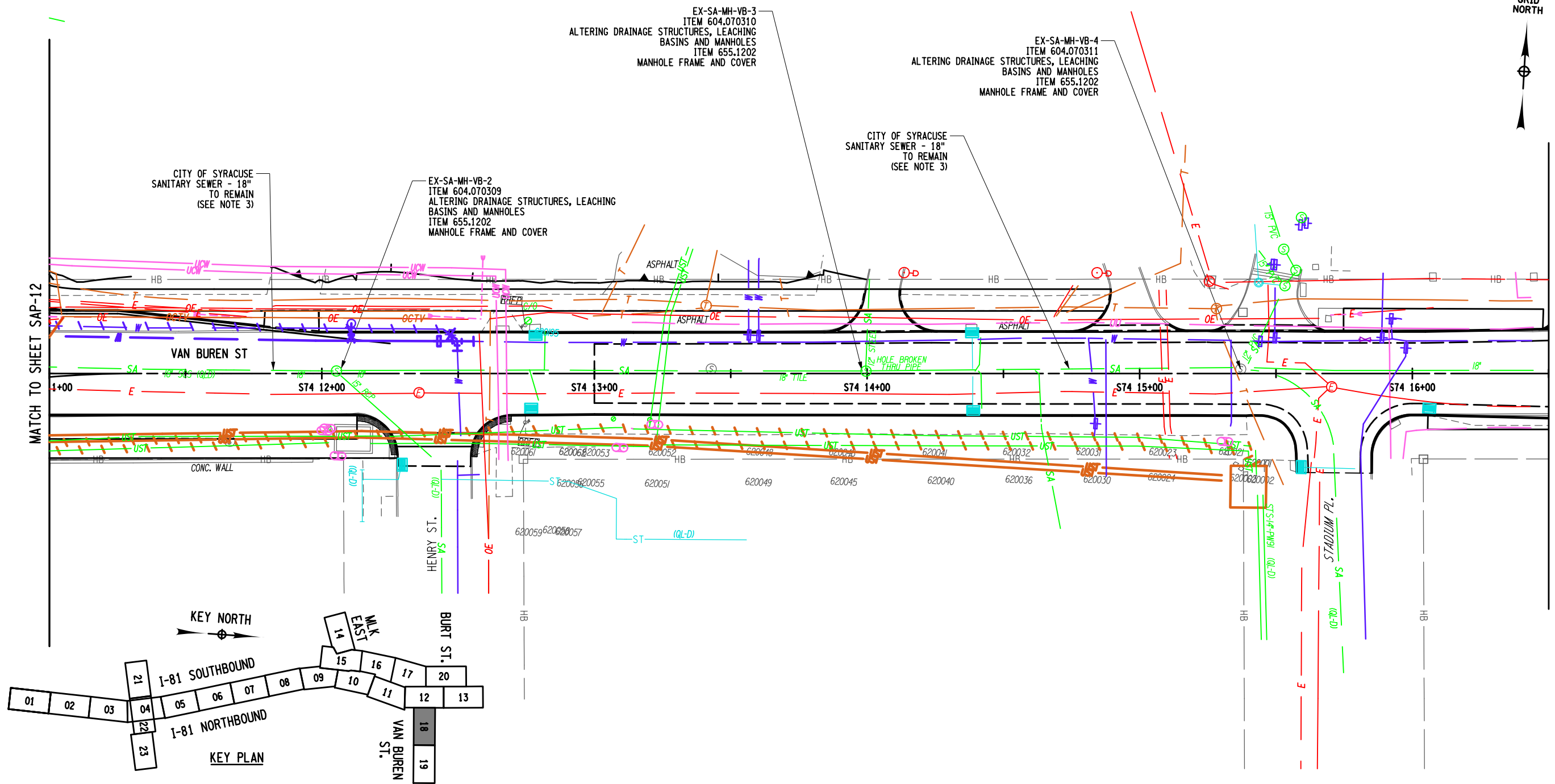
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Department of
Transportation

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DATE/TIME =
USER = jkoch

JOB MANAGER J. KOCH
DESIGN T. MAJOR
CHECK J. KOCH
DRAFTING T. MAJOR
CHECK J. KOCH
PROJECT MANAGER J. KOCH



AFFIX SEAL: J. KOCH
ON: 1/3/2025



ALTERED BY:
ON:

SUPPLEMENTAL UTILITY LEGEND:
EX. STEAM LINE ——— UST ———
EX. CHILLED WATER LINE ——— UCW ———
ABANDONED UTILITY ——— AX ———

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1
	CITY OF SYRACUSE
	COUNTY: ONONDAGA REGION: 03

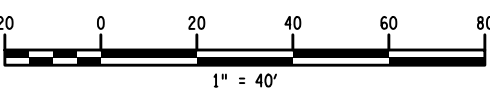
PIN 3501.94	BRIDGES
UTILITY QUALITY LEVEL	103156B
VARIES, SEE SUPPLEMENTAL	1031559
INFORMATION	1031569
	2208620
	7706370

CULVERTS	N/A
----------	-----

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
SANITARY SEWER PLAN - 18
I-81 VIADUCT PROJECT - PHASE 1
CONTRACT 5

CONTRACT NUMBER	D265478
DRAWING NO.	SAP-18
SHEET NO.	627

- NOTES:**
- SEE DWG. NO. UP-01 THRU UP-23 FOR ADDITIONAL UTILITY INFORMATION.
 - NO PROPOSED SANITARY SEWER WORK THIS SHEET.
 - SEE DWG. NO. SAN-01 FOR SEWER CONDITION DOCUMENTATION NOTES.

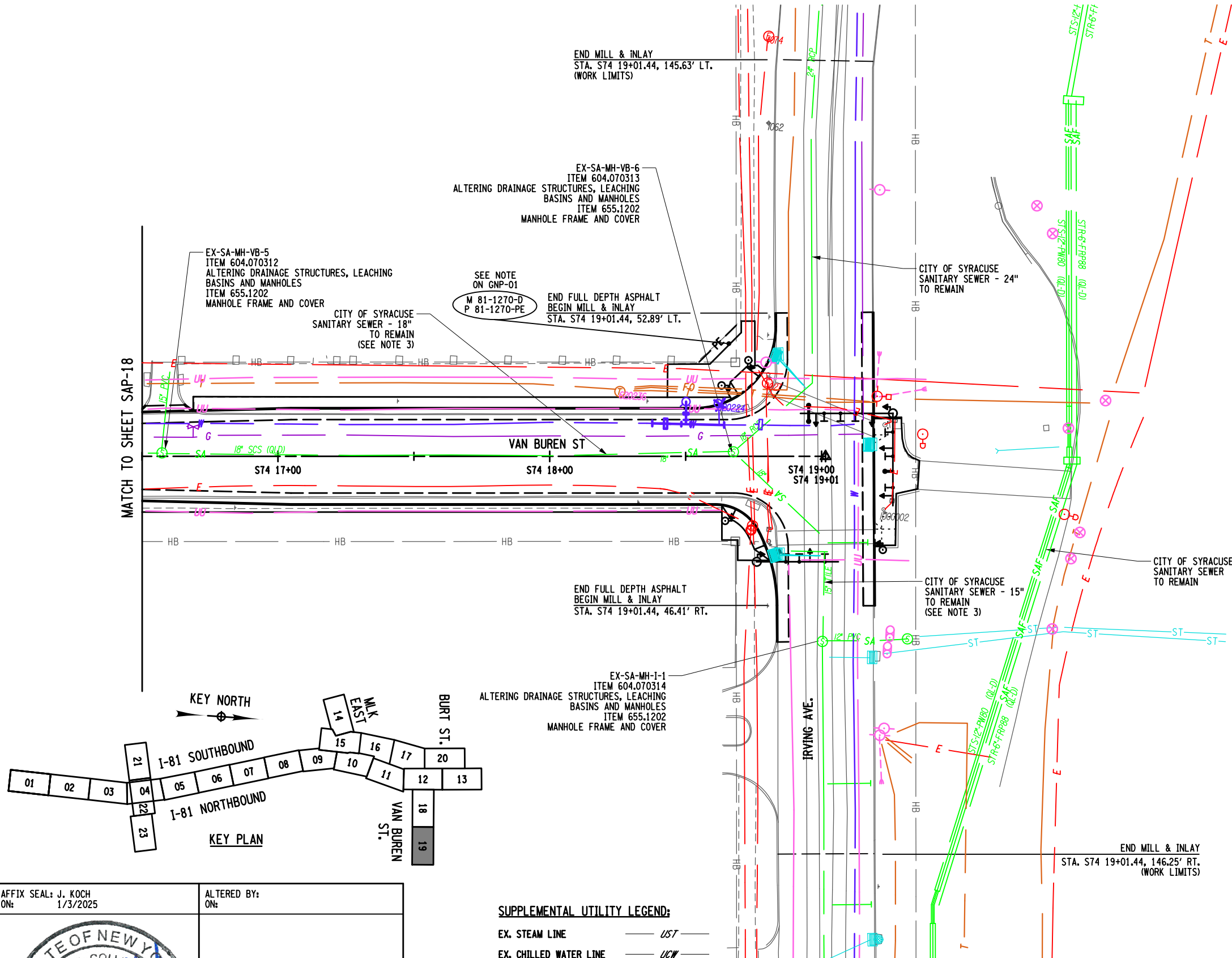


IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



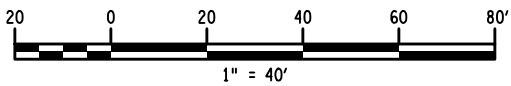
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USER = jkoch

PROJECT MANAGER J. KOCH
CHECK J. KOCH
DRAFTING T. MAJOR
DESIGN T. MAJOR
JOB MANAGER J. KOCH
DESIGN SUPERVISOR J. KOCH



NOTES:

- SEE DWG. NO. UP-01 THRU UP-23 FOR ADDITIONAL UTILITY INFORMATION.
- NO PROPOSED SANITARY SEWER WORK THIS SHEET.
- SEE DWG. NO. SAN-01 FOR SEWER CONDITION DOCUMENTATION NOTES.



AFFIX SEAL: J. KOCH
ON: 1/3/2025

ALTERED BY:
ON:

STATE OF NEW YORK
JEANETTE COLLEEN KOCH
085905
LICENSED PROFESSIONAL ENGINEER

SUPPLEMENTAL UTILITY LEGEND:

- EX. STEAM LINE ——— UST ———
- EX. CHILLED WATER LINE ——— UCW ———
- ABANDONED UTILITY ——— AX ———

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	PIN 3501.94 UTILITY QUALITY LEVEL VARIES, SEE SUPPLEMENTAL INFORMATION	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED		CONTRACT NUMBER D265478	
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1				SANITARY SEWER PLAN - 19 I-81 VIADUCT PROJECT - PHASE 1 CONTRACT 5	DRAWING NO. SAP-19 SHEET NO. 628		
	CITY OF SYRACUSE							
	COUNTY: ONONDAGA REGION: 03							
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.								
					 Wetzel Architects & Engineers		 NEW YORK STATE OF OPPORTUNITY	Department of Transportation

FILE NAME =
DATE/TIME = 31-DEC-2024 15:33
USER = jkoch

DESIGN SUPERVISOR J. KOCH

JOB MANAGER J. KOCH

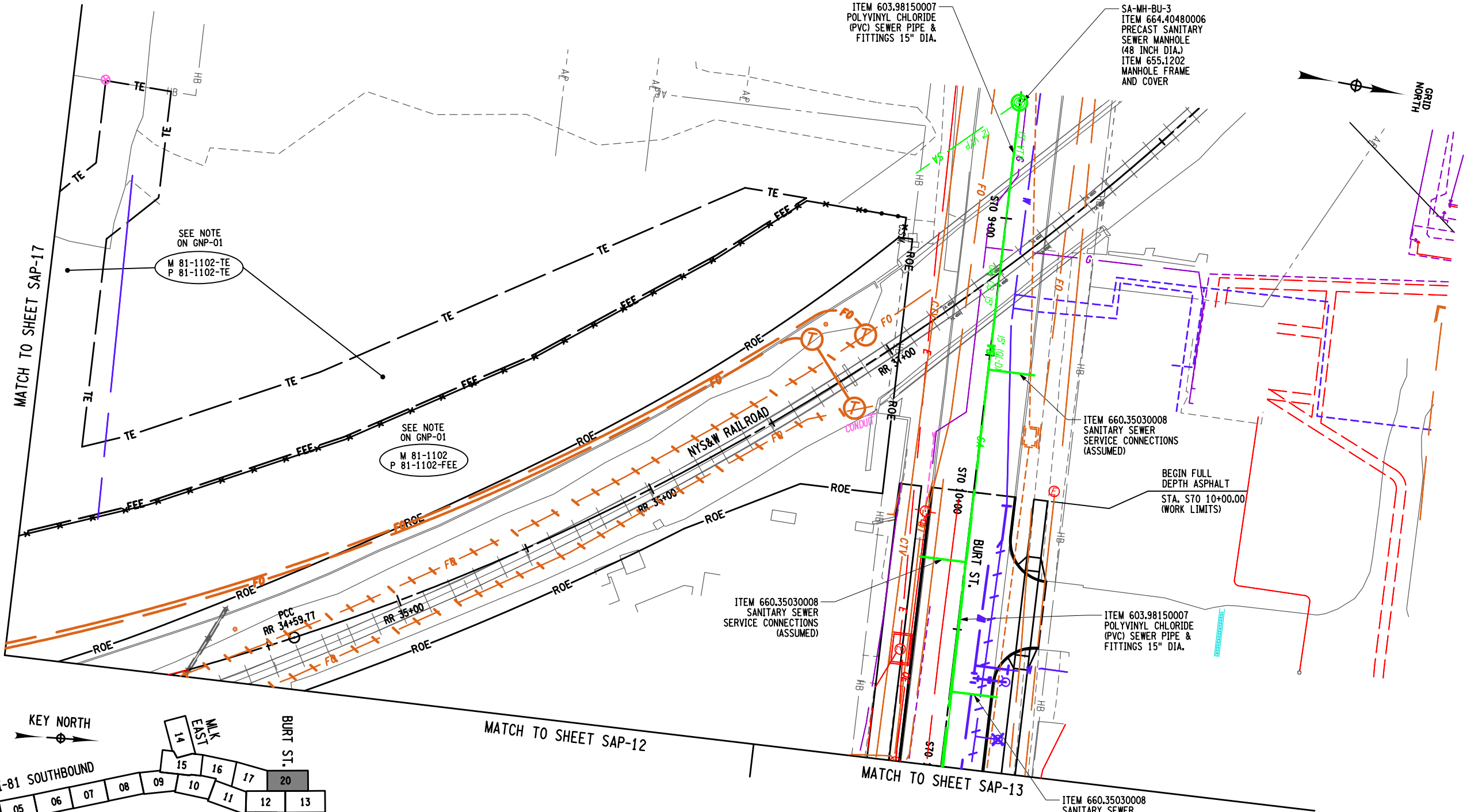
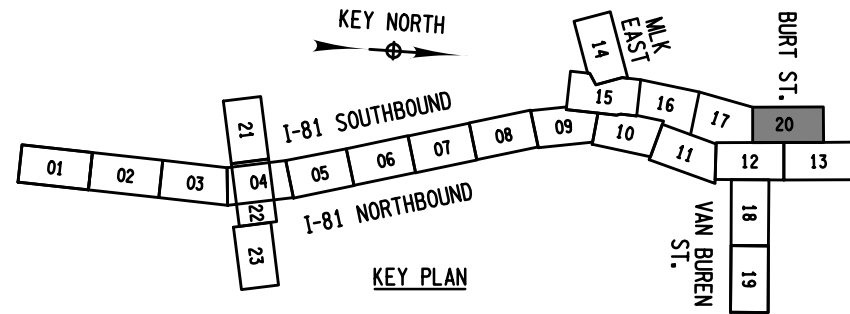
DESIGN T. MAJOR

CHECK J. KOCH

DRAFTING T. MAJOR

CHECK J. KOCH

PROJECT MANAGER J. KOCH



AFFIX SEAL: J. KOCH
ON: 1/3/2025

ALTERED BY:
ON:

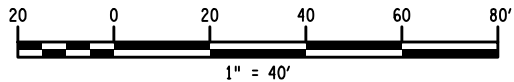
JEANETTE COLLEEN KOCH
085905
LICENSED PROFESSIONAL ENGINEER

SUPPLEMENTAL UTILITY LEGEND:

ABANDONED UTILITY

NOTES:

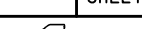
- SEE DWG. NO. UP-01 THRU UP-23 FOR ADDITIONAL UTILITY INFORMATION.
- SEE DWG. NO. SAN-01 FOR SEWER CONDITION DOCUMENTATION NOTES.



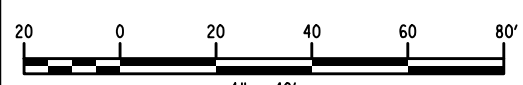
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	PIN 3501.94 UTILITY QUALITY LEVEL VARIES, SEE SUPPLEMENTAL INFORMATION	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED		CONTRACT NUMBER D265478	
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1				SANITARY SEWER PLAN - 20 I-81 VIADUCT PROJECT - PHASE 1 CONTRACT 5		DRAWING NO. SAP-20 SHEET NO. 629	
	CITY OF SYRACUSE							
	COUNTY: ONONDAGA				REGION: 03			

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Wetzel
Architects
& Engineers

NEW YORK
STATE OF
OPPORTUNITY

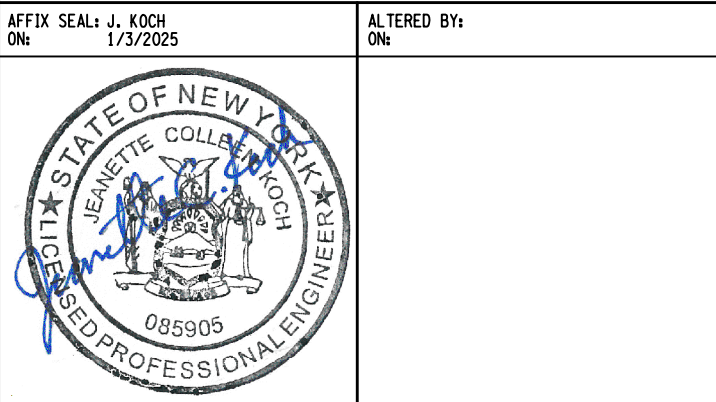
Department of
Transportation



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY"

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5		PIN 3501.94 UTILITY QUALITY LEVEL VARIES, SEE SUPPLEMENTAL INFORMATION	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478	
BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1					SANITARY SEWER PLAN - 21 I-81 VIADUCT PROJECT - PHASE 1 CONTRACT 5	DRAWING NO. SAP-21 SHEET NO. 630	
CITY OF SYRACUSE							
COUNTY: ONONDAGA	REGION: 03						
UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.					 Watts Architects & Engineers	 NEW YORK STATE OF OPPORTUNITY	Department of Transportation



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	PIN 3501.94 UTILITY QUALITY LEVEL VARIES, SEE SUPPLEMENTAL INFORMATION	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1				SANITARY SEWER PLAN - 22	
	CITY OF SYRACUSE				I-81 VIADUCT PROJECT - PHASE 1 CONTRACT 5	DRAWING NO. SAP-22
						SHEET NO. 631
	COUNTY: ONONDAGA REGION: 03					
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.					  Department of Transportation	

FILE NAME =
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USER = jkoch

DESIGN SUPERVISOR J. KOCH

JOB MANAGER J. KOCH

DESIGN T. MAJOR

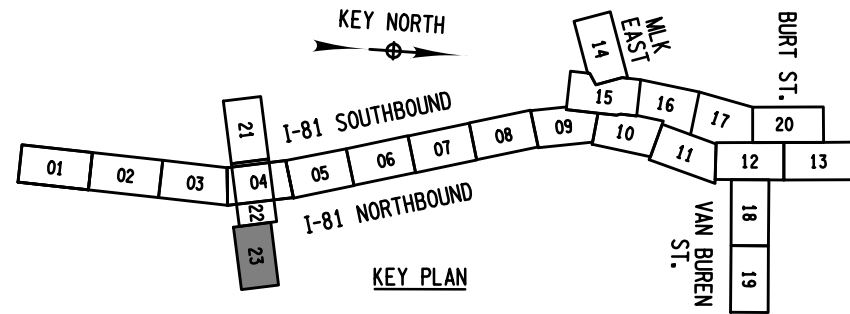
CHECK J. KOCH

DRAFTING T. MAJOR

CHECK J. KOCH

PROJECT MANAGER J. KOCH

- NOTES:**
- SEE DWG. NO. UP-01 THRU UP-23 FOR ADDITIONAL UTILITY INFORMATION.
 - SEWER PIPES SHALL BE GASKETED AND SHALL BE LEAK TESTED PER OWNER REQUIREMENTS.



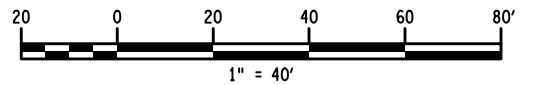
AFFIX SEAL: J. KOCH
ON: 1/3/2025

ALTERED BY:
ON:

JEANETTE COLLEEN KOCH
085905
LICENSED PROFESSIONAL ENGINEER

SUPPLEMENTAL UTILITY LEGEND:

ABANDONED UTILITY



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5
BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1
CITY OF SYRACUSE
COUNTY: ONONDAGA REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES
103156B
1031559
1031569
2208620
7706370

CULVERTS
N/A

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
SANITARY SEWER PLAN - 23
I-81 VIADUCT PROJECT - PHASE 1
CONTRACT 5

CONTRACT NUMBER
D265478
DRAWING NO. SAP-23
SHEET NO. 632

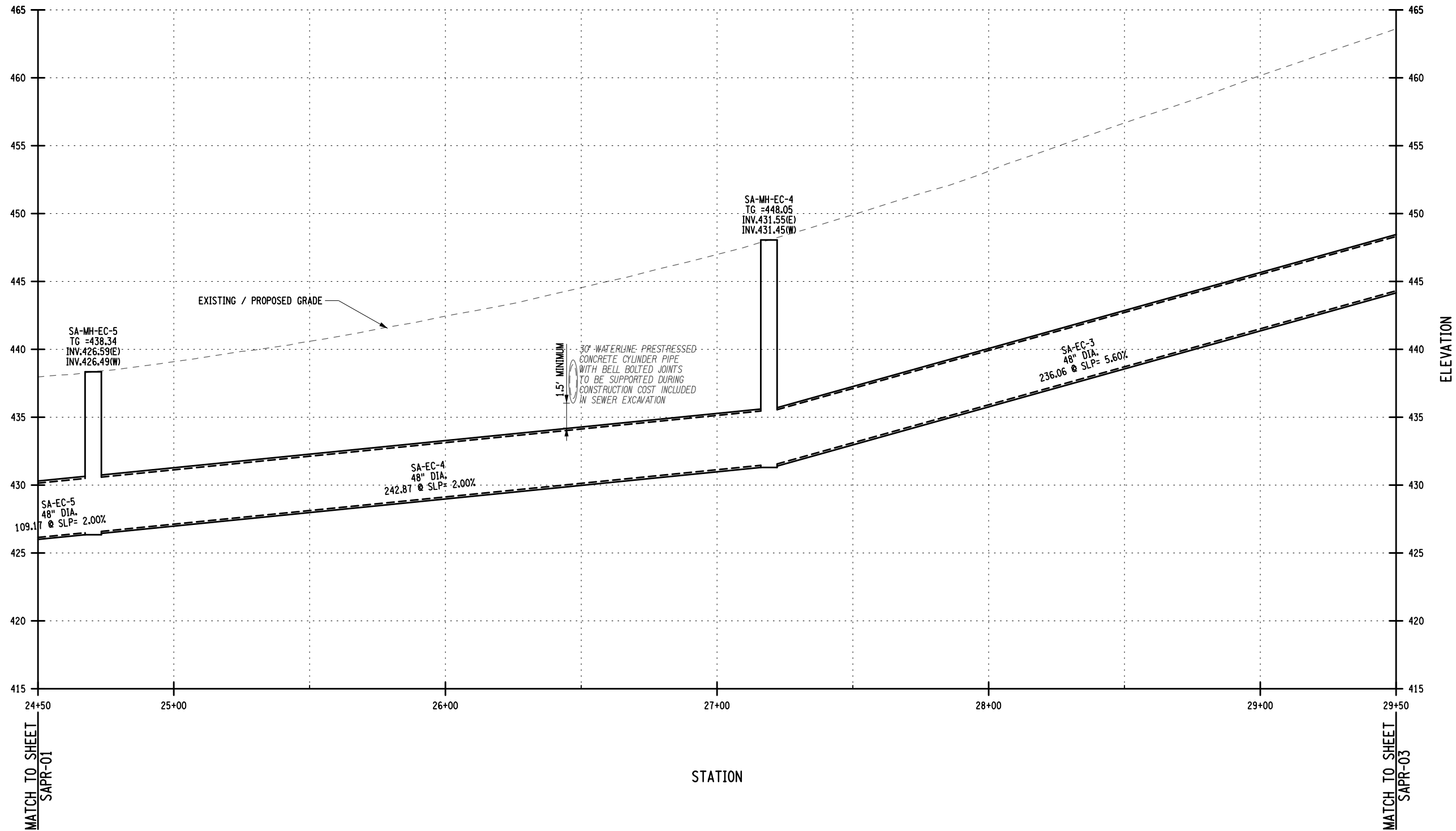
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



Department of
Transportation

Department of
Transportation

EAST COLVIN OCDWEP RELOCATION - 2



AFFIX SEAL: J. KOCH ON: 02/28/2024	ALTERED BY: ON:
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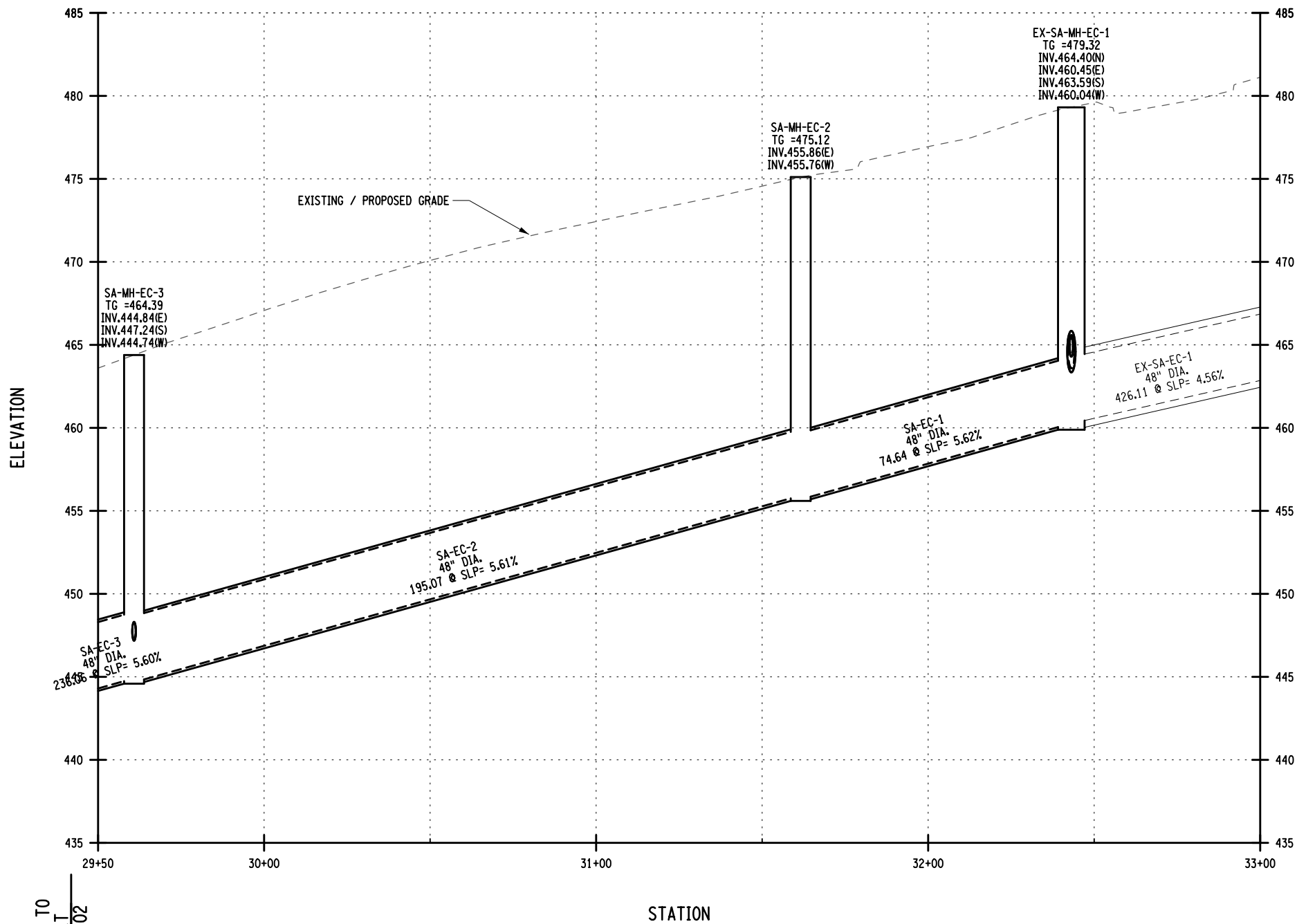
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	PIN 3501.94 UTILITY QUALITY LEVEL VARIES, SEE SUPPLEMENTAL INFORMATION	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1					DRAWING NO. SAPR-02 SHEET NO. 634
	CITY OF SYRACUSE					
	COUNTY: ONONDAGA REGION: 03					
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						

 **Watts
Architects
& Engineers**

 **NEW YORK
STATE OF
OPPORTUNITY.**

 **Department of
Transportation**

EAST COLVIN OCDWEP RELOCATION - 3



AFFIX SEAL: J. KOCH
ON: 02/28/2024

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5
BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1
CITY OF SYRACUSE
COUNTY: ONONDAGA REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES
103156B
1031559
1031569
2208620
7706370

CULVERTS
N/A

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

SANITARY SEWER PROFILES
EAST COLVIN ST.

CONTRACT NUMBER
D265478

DRAWING NO. SAPR-03
SHEET NO. 635

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



Department of
Transportation

FILE NAME =
DATE/TIME = 3/28/2024
USER = jkoch

DESIGN SUPERVISOR J. KOCH

JOB MANAGER J. KOCH

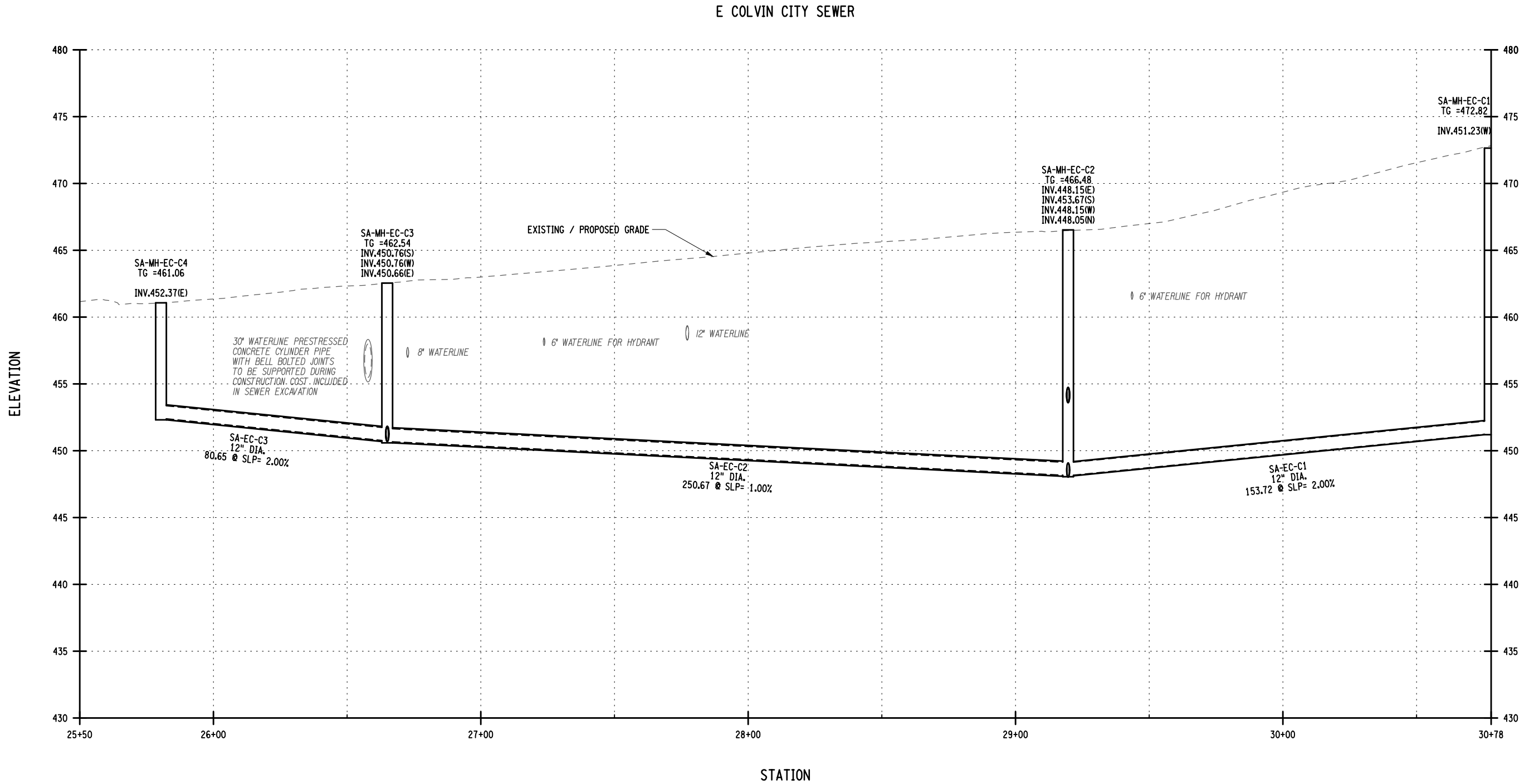
DESIGN T. MAJOR

CHECK J. KOCH

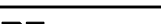
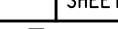
DRAFTING T. MAJOR

CHECK J. KOCH

PROJECT MANAGER J. KOCH



AFFIX SEAL: J. KOCH ON: 02/28/2024	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	PIN 3501.94 UTILITY QUALITY LEVEL VARIES, SEE SUPPLEMENTAL INFORMATION	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED		CONTRACT NUMBER D265478	
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1				SANITARY SEWER PROFILES EAST COLVIN ST. CITY SEWER		DRAWING NO.SAPR-04 SHEET NO. 636	
	CITY OF SYRACUSE							
	COUNTY: ONONDAGA				REGION: 03			
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.					 Watts Architects & Engineers		 NEW YORK STATE OF OPPORTUNITY.	Department of Transportation

FILE NAME =
DATE/TIME = 3/28/2024
USER = jkoch

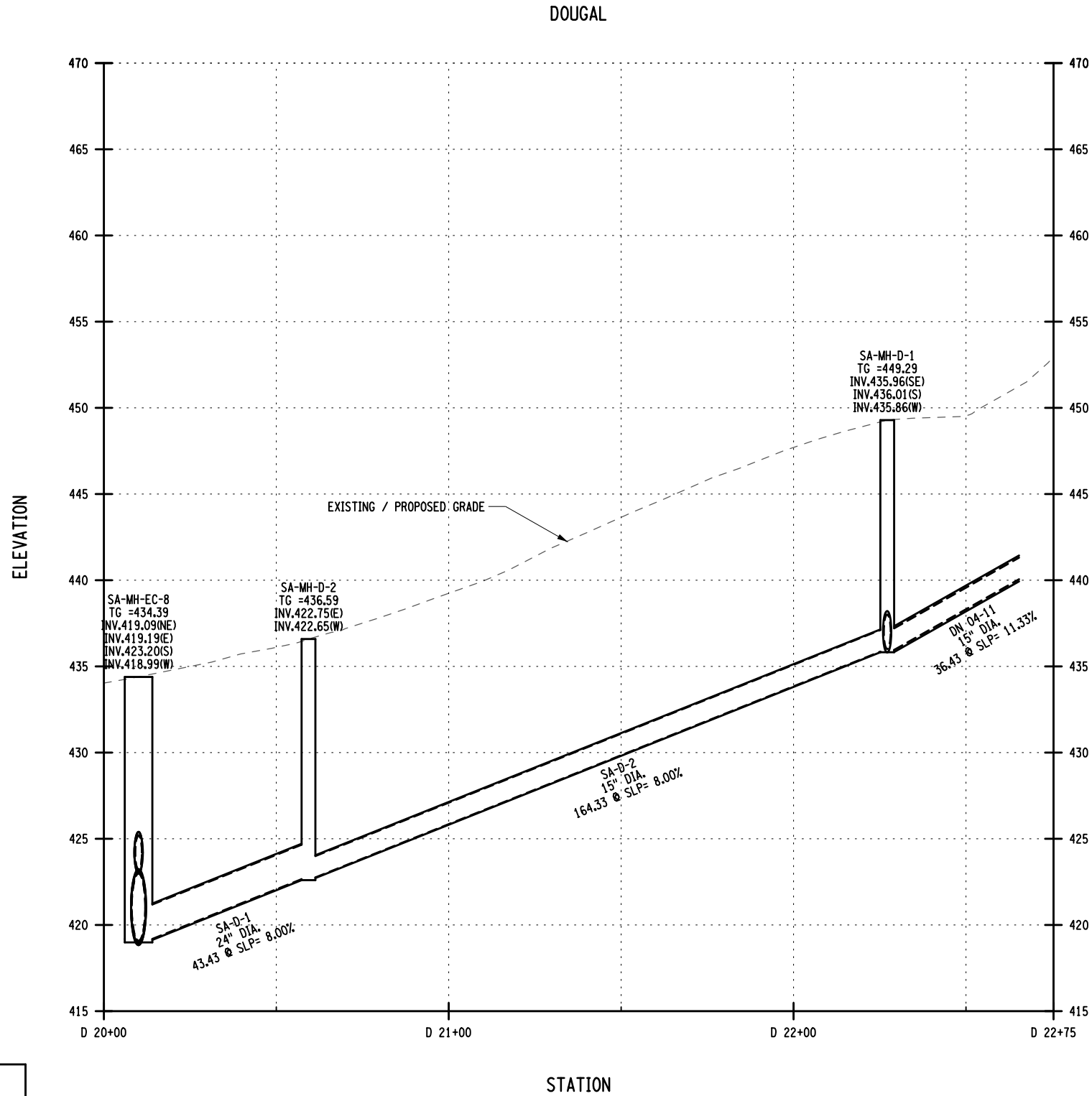
DESIGN SUPERVISOR J. KOCH
JOB MANAGER J. KOCH
DESIGN T. MAJOR
CHECK J. KOCH
DRAFTING T. MAJOR
CHECK J. KOCH
PROJECT MANAGER J. KOCH

AFFIX SEAL: J. KOCH
ON: 02/28/2024



ALTERED BY:
ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	PIN 3501.94 UTILITY QUALITY LEVEL VARIES, SEE SUPPLEMENTAL INFORMATION	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1				SANITARY SEWER PROFILES DOUGAL CITY SEWER	DRAWING NO. SAPR-05 SHEET NO. 637
	CITY OF SYRACUSE					
	COUNTY: ONONDAGA REGION: 03					
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						 Department of Transportation



FILE NAME =
DATE/TIME = 8/2/2024
USER = jkoch

DESIGN SUPERVISOR J. KOCH

JOB MANAGER J. KOCH

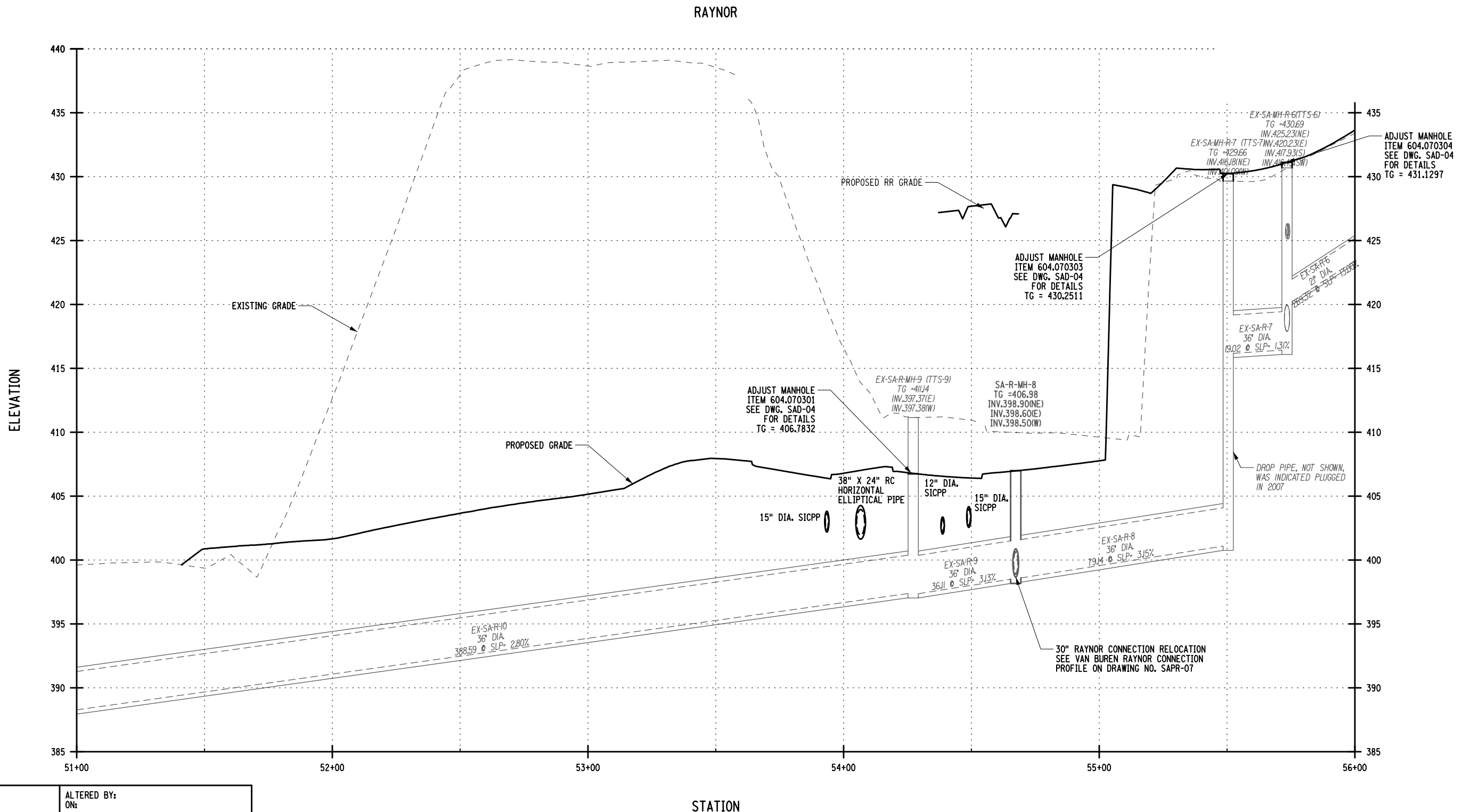
DESIGN T. MAJOR

CHECK J. KOCH

DRAFTING T. MAJOR

CHECK J. KOCH

PROJECT MANAGER J. KOCH



AFFIX SEAL: J. KOCH
ON: 07/31/2024

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5
BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1
CITY OF SYRACUSE
COUNTY: ONONDAGA REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES
103156B
1031559
1031569
2208620
7706370

CULVERTS
N/A

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED
SANITARY SEWER PROFILES
E. RAYNOR AVE.

CONTRACT NUMBER
D265478
DRAWING NO. SAPR-06
SHEET NO. 638

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



Department of
Transportation

FILE NAME =
DATE/TIME = 8/2/2024
USER = jkoch

DESIGN SUPERVISOR J. KOCH

JOB MANAGER J. KOCH

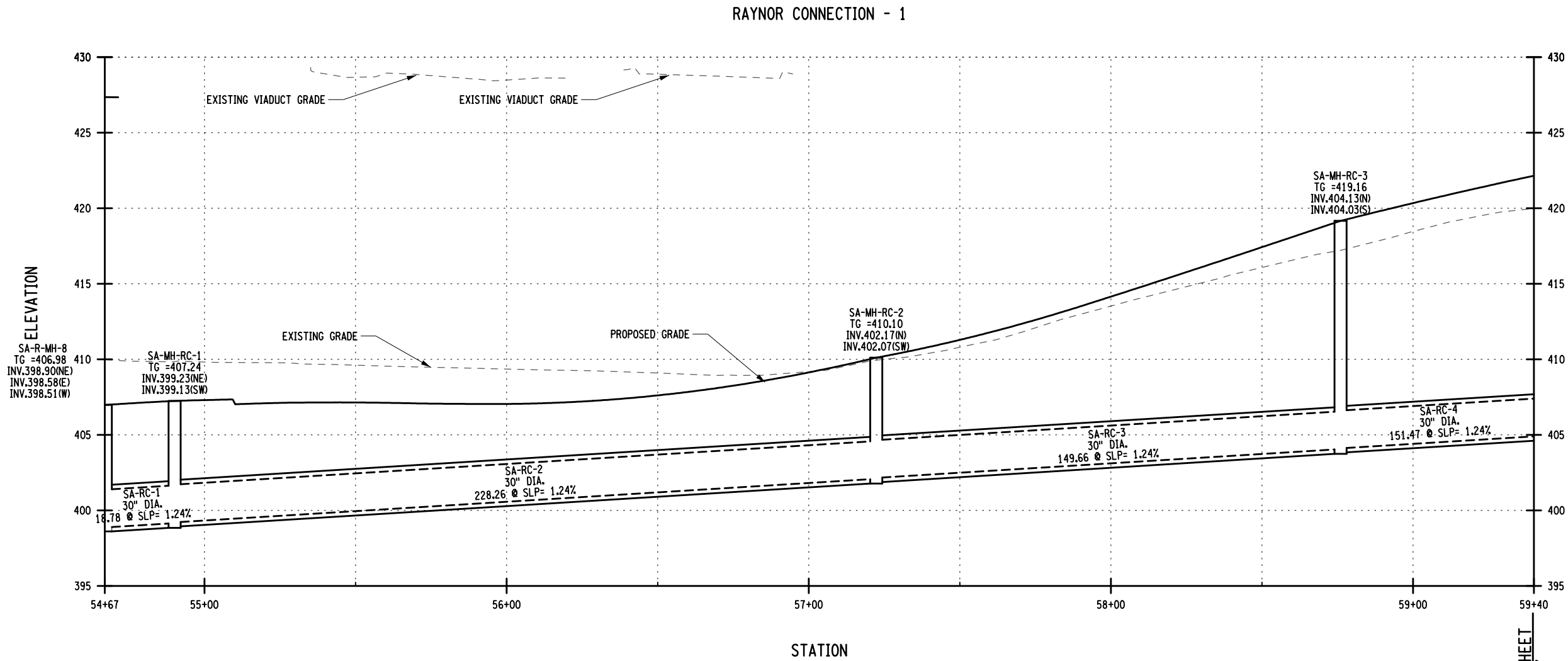
DESIGN T. MAJOR

CHECK J. KOCH

DRAFTING T. MAJOR

CHECK J. KOCH

PROJECT MANAGER J. KOCH



AFFIX SEAL: J. KOCH
ON: 07/31/2024

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5

BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1

CITY OF SYRACUSE

COUNTY: ONONDAGA

REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES
103156B
1031559
1031569
2208620
7706370

CULVERTS
N/A

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

SANITARY SEWER PROFILES
RAYNOR CONNECTION (RENWICK)

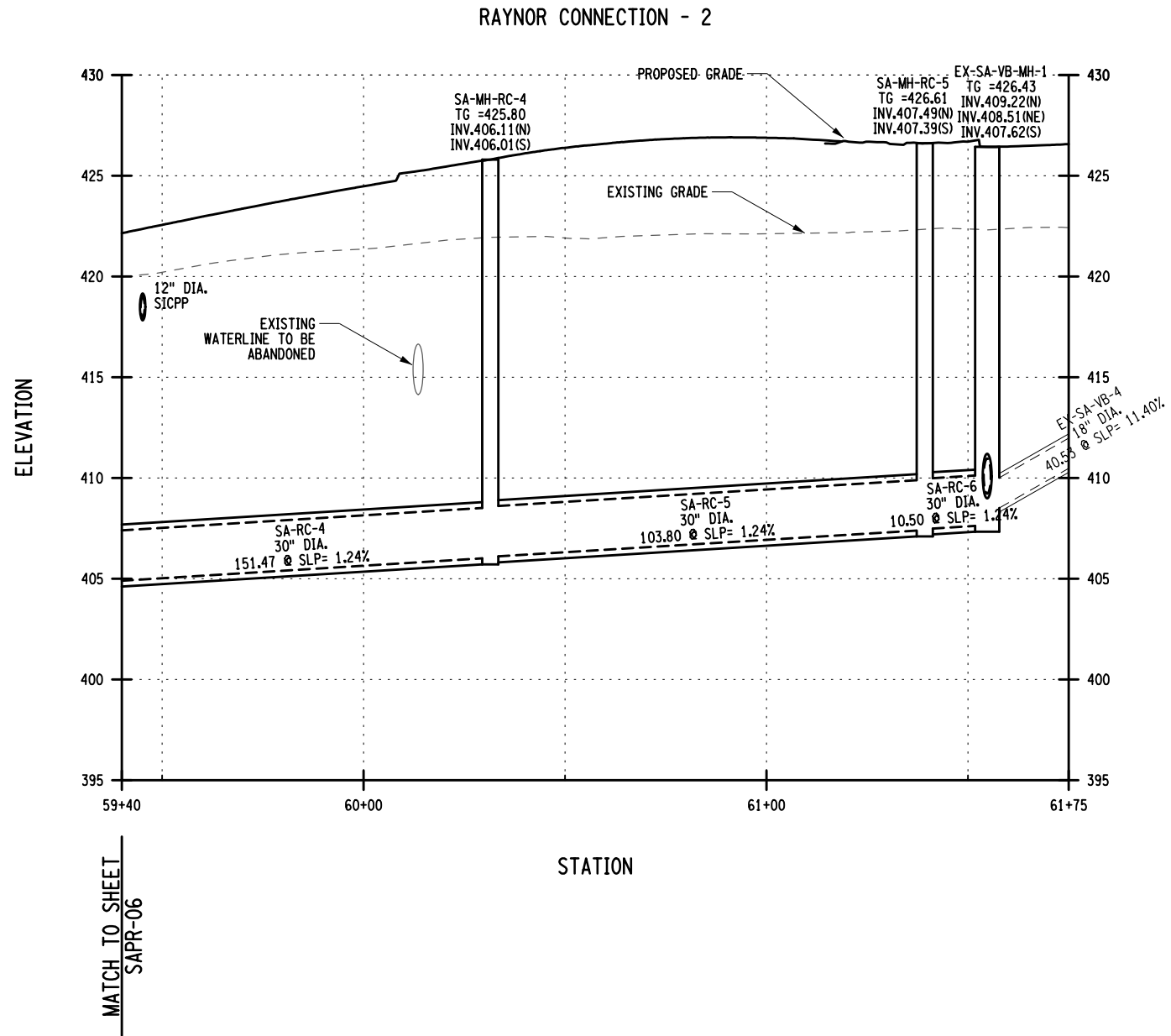
CONTRACT NUMBER
D265478

DRAWING NO. SAPR-07
SHEET NO. 639

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



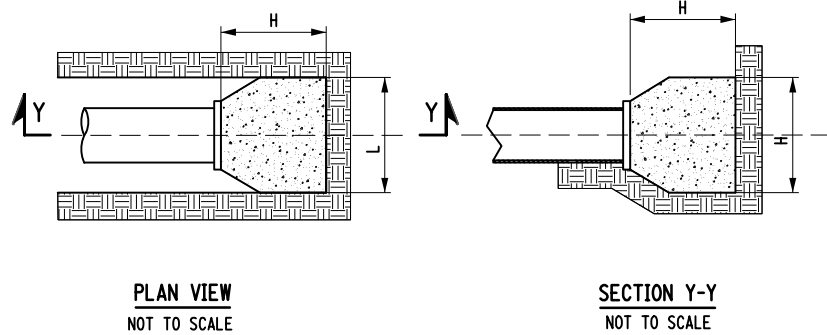
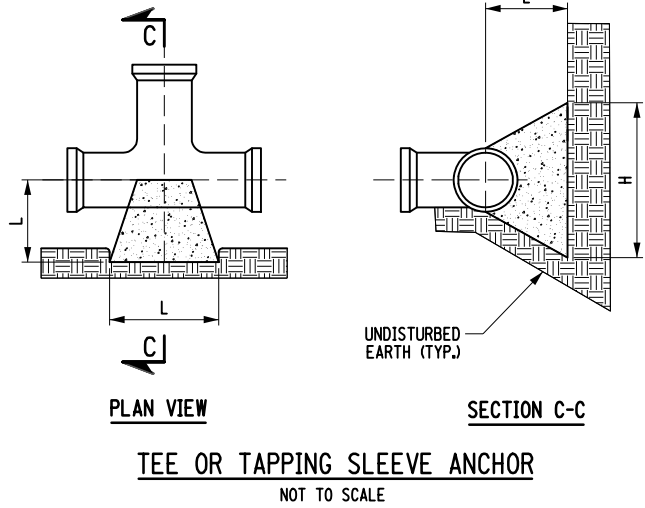
Department of
Transportation



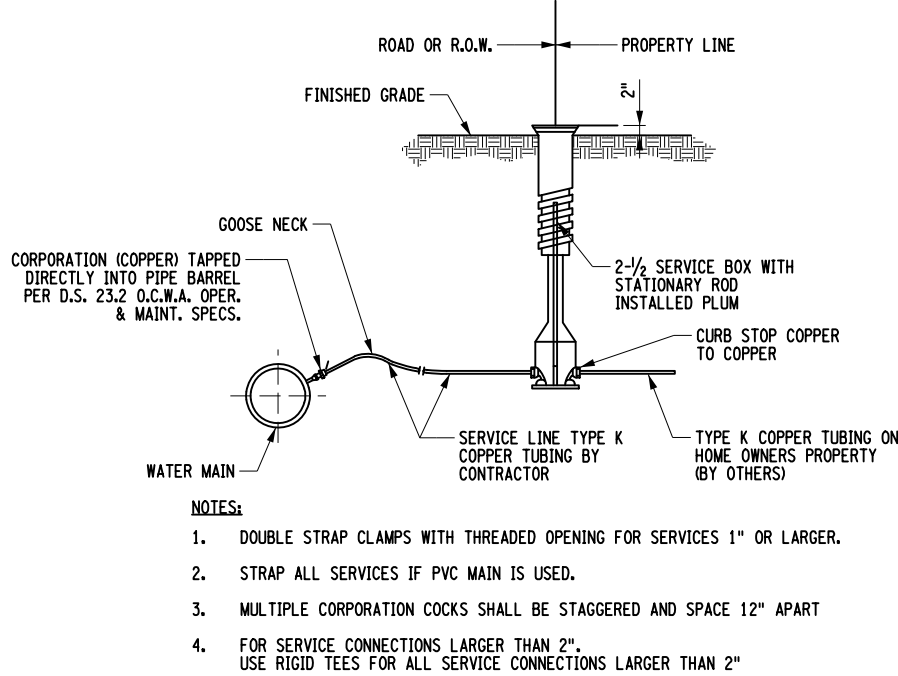
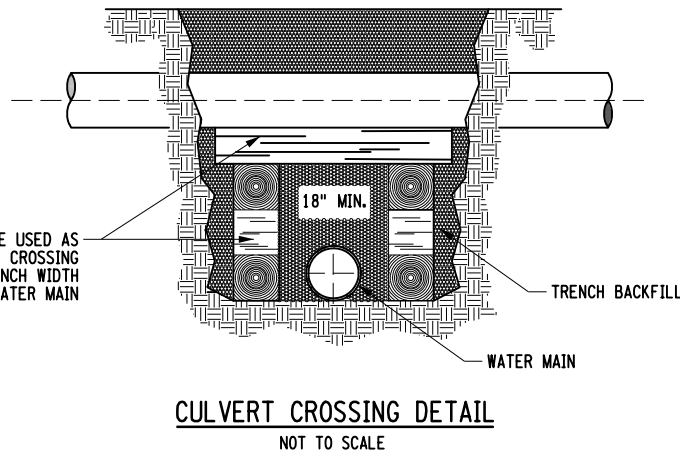
AFFIX SEAL: J. KOCH ON: 02/28/2024	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	PIN 3501.94 UTILITY QUALITY LEVEL VARIES, SEE SUPPLEMENTAL INFORMATION	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED SANITARY SEWER PROFILES RAYNOR CONNECTION (RENWICK)	CONTRACT NUMBER D265478		
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1					DRAWING NO. SAPR-08		
	CITY OF SYRACUSE					SHEET NO. 640		
	COUNTY: ONONDAGA REGION: 03							
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						Watts Architects & Engineers	NEW YORK STATE OF OPPORTUNITY	Department of Transportation

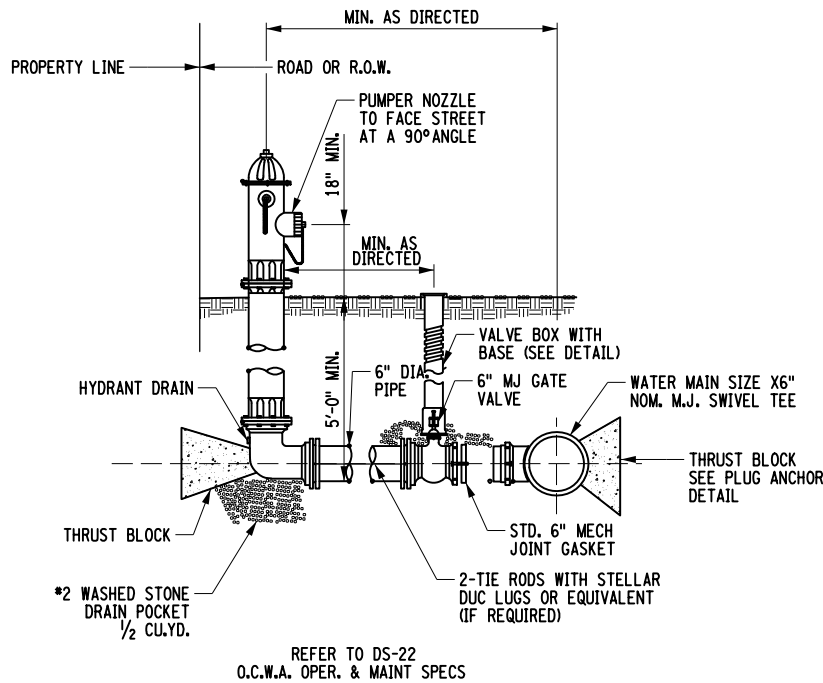
PIPE DIA.	CAP, PLUG, TEE, OR TAP SLEEVE	
	H	L
6"	1'-0"	2'-0"
8"	1'-4"	2'-8"
10"	1'-8"	3'-4"
12"	2'-0"	4'-0"
16"	2'-8"	5'-4"
20"	3'-4"	6'-8"
24"	4'-0"	8'-0"
30"	5'-0"	10'-0"



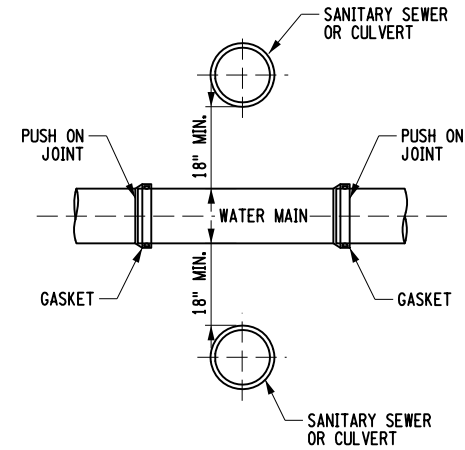
- NOTE:
- THRUST BLOCKS TO BE INSTALLED ON UNDISTURBED EARTH OR FORMED AS ACCEPTED BY ONONDAGA COUNTY WATER AUTHORITY (OCWA).



- NOTES:
- DOUBLE STRAP CLAMPS WITH THREADED OPENING FOR SERVICES 1" OR LARGER.
 - STRAP ALL SERVICES IF PVC MAIN IS USED.
 - MULTIPLE CORPORATION COCKS SHALL BE STAGGERED AND SPACE 12" APART
 - FOR SERVICE CONNECTIONS LARGER THAN 2", USE RIGID TEES FOR ALL SERVICE CONNECTIONS LARGER THAN 2"



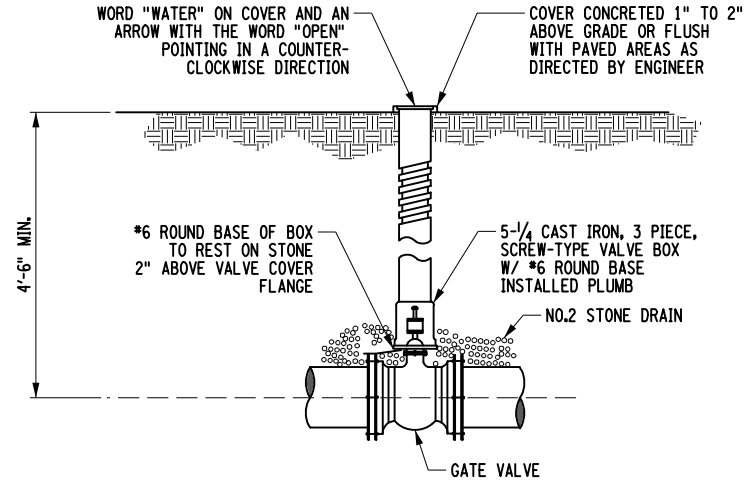
- NOTES:
- THE TYPE OF HYDRANT CONNECTION INSTALLED SHALL BE ONE OF THE FOLLOWING AS DIRECTED BY THE ENGINEER:
- HYDRANT DETAIL AS SHOWN ABOVE
 - HYDRANT VALVE ANCHORING OR SWIVEL TEES MAY BE ELIMINATED AND MECHANICAL JOINT TEE USED WITH A BRANCH PIPE AND TIE RODS BETWEEN THE TEE AND THE GATE VALVE.



- NOTES:
- WATER MAIN TO BE CENTERED EQUIDISTANTLY BETWEEN JOINTS
 - WHEN WATER MAIN IS INSTALLED UNDER AN EXISTING SEWER OR STORM LINE, THE STORM OR SEWER LINE SHALL BE SUPPORTED AS DIRECTED BY ENGINEER.

WATER MAIN CROSSING OF SANITARY SEWER

NOT TO SCALE



VALVE BOX INSTALLATION DETAIL

NOT TO SCALE

AFFIX SEAL: HARDESTY & HANOVER, LLC
ON: 03/28/2024

ALTERED BY:
ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	PIN 3501.94	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1				WATER MAIN DETAILS - OCWA	DRAWING NO. WMD-01 SHEET NO. 642
	CITY OF SYRACUSE					
	COUNTY: ONONDAGA REGION: 03					
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						
						 Department of Transportation

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USER = nlambros

DESIGN SUPERVISOR D. DELUCA

JOB MANAGER C. JENNE

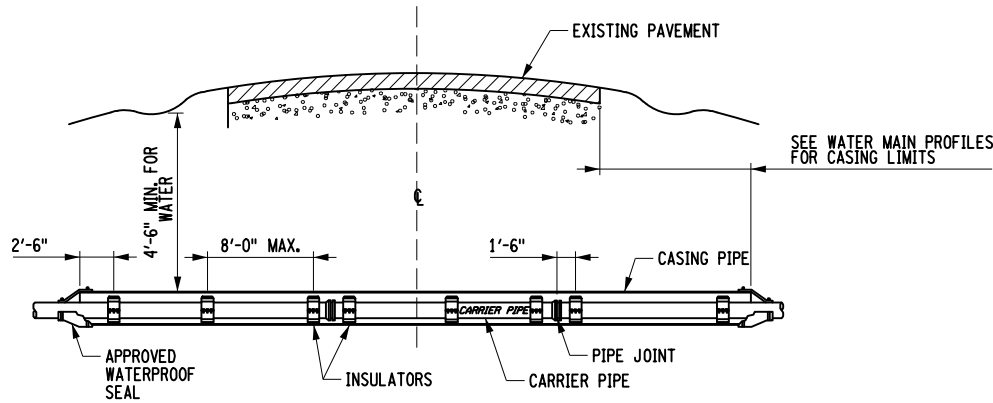
DESIGN N. LAMBROS

CHECK R. ROMAN

DRAFTING L. BELGRAVE

CHECK R. ROMAN

PROJECT MANAGER R. ROMAN

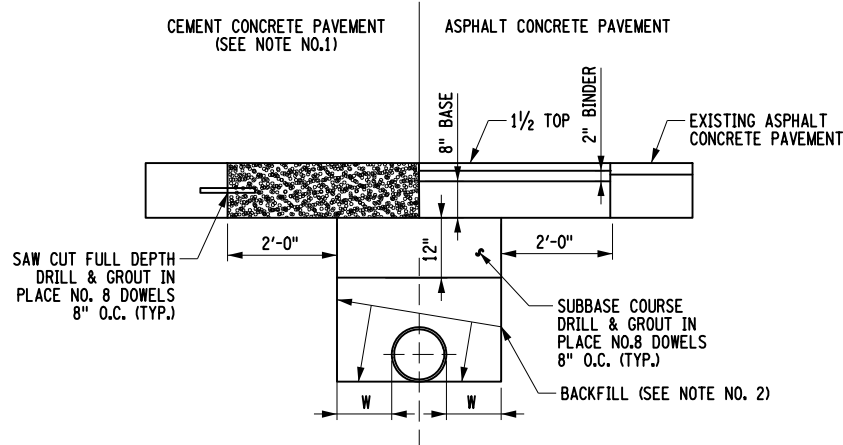


NOTES:

1. CASING INSULATORS SHALL BE ADVANCE PRODUCTS & SYSTEMS INC. MODEL SSI, STAINLESS STEEL INSULATORS WITH POLYETHYLENE RUNNERS OR APPROVED EQUIVALENT.
2. WATERPROOF END SEAL SHALL BE ADVANCED PRODUCTS & SYSTEMS INC. MODEL AC PULLOUT END SEAL OR EQUIVALENT.
3. CASING PIPES SHALL BE SCHEDULE 40 STEEL PIPE OF SIZE AND LENGTH SHOWN ON PLANS UNLESS OTHERWISE NOTED.
4. INSULATORS SHALL BE PLACED WITHIN TWO FEET OF EDGE OF THE CASING PIPE, AND WITHIN ONE FOOT OF JOINTS ON BOTH SIDES. MAXIMUM SPACING SHALL BE 8'-0"

**TYPICAL CASING INSTALLATION FOR ROAD
OR RAILWAY CROSSINGS**

NOT TO SCALE

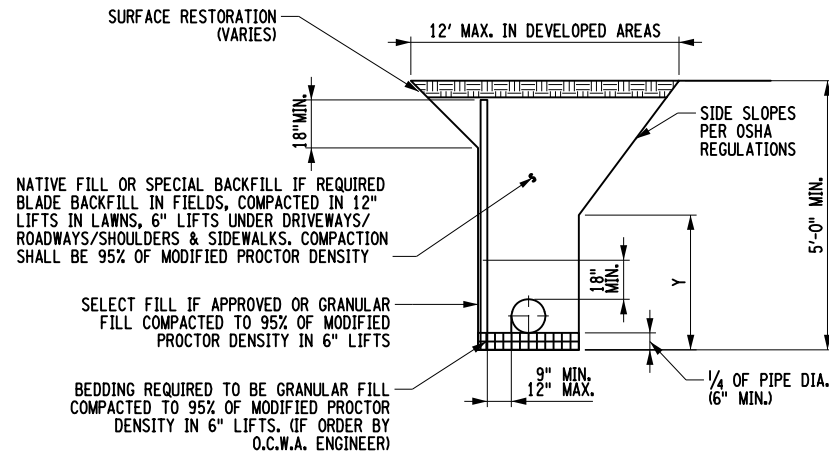


NOTES:

1. WHEN CONCRETE IS USED, IT SHALL BE REINFORCED PORTLAND CEMENT CONCRETE WITH DOWELS INSTALLED AT THE REQUIRED SPACING. WHEN ASPHALT CONCRETE IS USED IT SHALL CONSIST OF BASE, BINDER, AND TOP COURSES. THE TOTAL THICKNESS SHALL MATCH EXISTING, UNLESS OTHERWISE REQUIRED BY THE REGIONAL TRAFFIC ENGINEER.
2. WHEN "W" IS LESS THAN 18" CONTROLLED DENSITY BACKFILL (K-KRETE OR EQUAL) SHALL BE USED. WHEN "W" IS 18" OR MORE, BACKFILL SHALL BE WITH SELECT GRANULAR MATERIAL FROM THE BOTTOM OF THE TRENCH TO THE BOTTOM OF THE SUBBASE COURSE. PLACEMENT SHALL BE AS DESCRIBED IN SECTION 200. EARTHWORK OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION CURRENT SPECIFICATIONS AND ADDENDA.

**PAVEMENT REPLACEMENT DETAIL OF OPEN
CUT CROSSING OF EXISTING PAVEMENT**

NOT TO SCALE



PRESSURE PIPE TRENCH DETAIL

NOT TO SCALE

AFFIX SEAL: HARDESTY & HANOVER, LLC ON: 03/28/2024	ALTERED BY: ON:

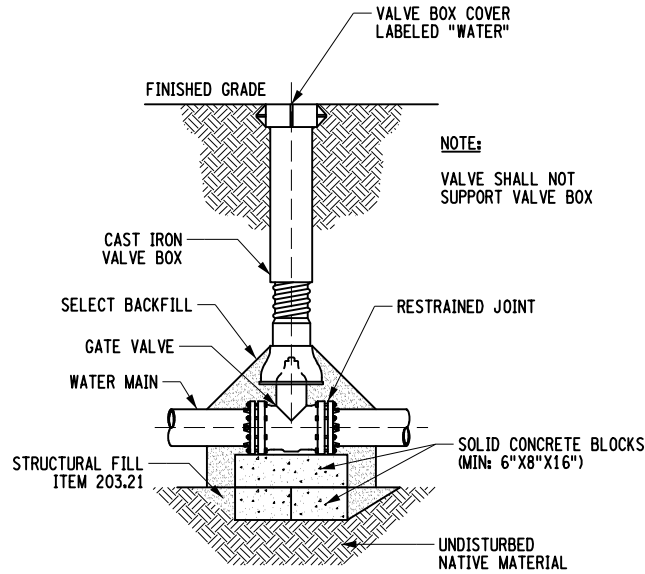
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	PIN 3501.94	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED WATER MAIN DETAILS - OCWA I-81 VIADUCT PROJECT - PHASE 1 CONTRACT 5	CONTRACT NUMBER D265478
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1					DRAWING NO. WMD-02 SHEET NO. 643
	CITY OF SYRACUSE					
	COUNTY: ONONDAGA REGION: 03					

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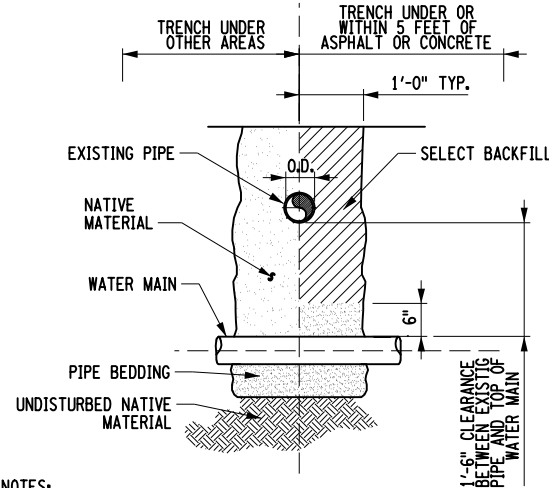
H&H

NEW YORK
STATE OF
OPPORTUNITY.

Department of
Transportation

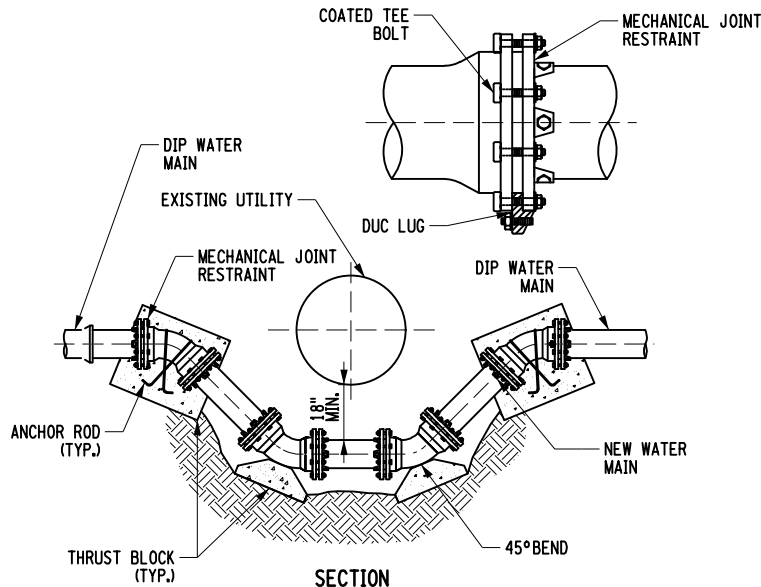


GATE VALVE ASSEMBLY DETAIL
NOT TO SCALE



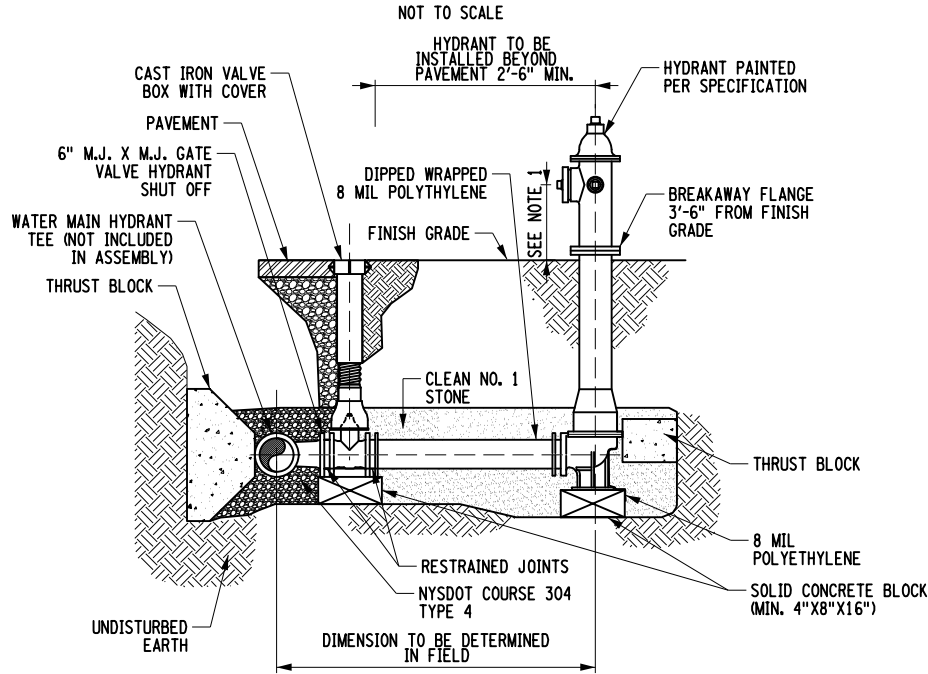
- NOTES:**
- ALL EXISTING UTILITIES MUST BE SUPPORTED DURING CONSTRUCTION OF THE NEW WATER MAIN.
 - WHEN CROSSING A SEWER LINE WITH A NEW WATER MAIN, ONE FULL PIPE LENGTH (18FT. MIN.) SHALL BE USED AT THE POINT OF CROSSING. THE WATER MAIN SHALL BE PLACED SO THAT BOTH JOINT ENDS ARE AS FAR AS POSSIBLE FROM THE EXISTING SEWER LINE.
 - WHENEVER REQUIRED VERTICAL CLEARANCE CAN NOT BE OBTAINED, THE SEWER SHALL BE ENCASED IN CONCRETE FOR A DISTANCE OF 10' EITHER SIDE OF THE INTERSECTION WITH THE WATER MAIN AS INSTRUCTED BY THE ENGINEER. CLEARANCE REQUIREMENTS SHALL BE THE RECOMMENDED STANDARDS FOR WATER WORKS. ALSO REQUIRED IS A 10' MINIMUM HORIZONTAL SEPARATION BETWEEN SEWERS AND WATER MAINS.

WATER/SEWER SEPARATION (TYP.)
NOT TO SCALE



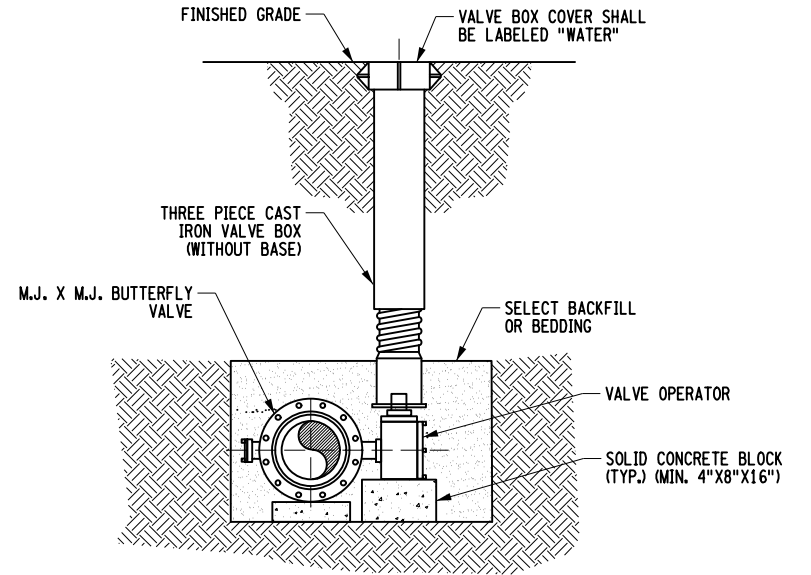
- NOTES:**
- RESTRAINED MECHANICAL JOINTS AS SHOWN.
 - VALVES TEES AND HYDRANT MAY BE RESTRAINED SIMILARLY.
 - ONE FULL PIPE LENGTH SHALL BE CENTERED UNDER THE EXISTING UTILITY CROSSING.
 - WATER MAIN JOINTS SHALL BE PLACED EQUIDISTANT FROM THE EXISTING UTILITY AT THE CROSSING.
 - IF EXISTING PIPE IS CIP CONNECT TO NEW FITTING ONLY WHEN ALLOWED BY ENGINEER.

WATER MAIN RELOCATION DETAIL (TYP.)



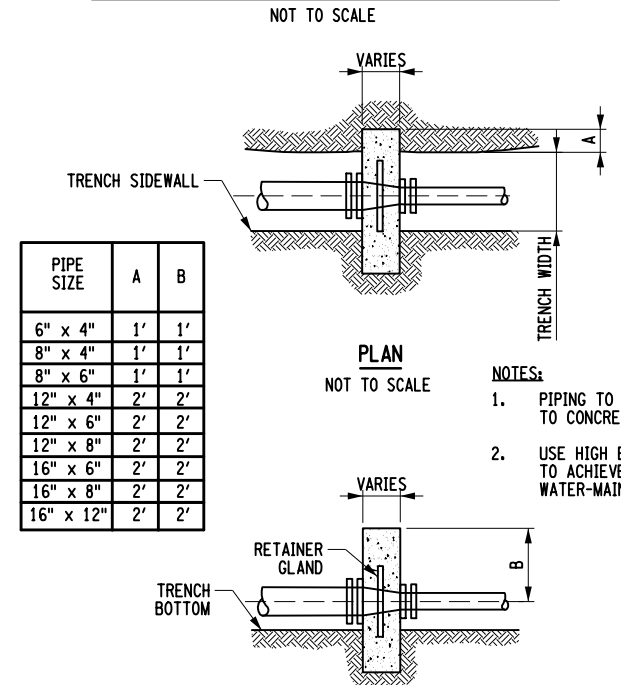
- NOTES:**
- CENTERLINE OF THE LOWEST NOZZLE TO FINISHED GRADE SHALL BE A MIN. OF 24" & MAX. OF 30".
 - HYDRANT RISER SHALL BE INSTALLED PLUMB.
 - HYDRANT LATERAL LONGER THAN 6'-6", SHALL BE PAID UNDER THE PAYMENT ITEM NO. P0-W1.1 OR P1-W2.1.

FIRE HYDRANT ASSEMBLY INSTALLATION (TYP.)
NOT TO SCALE



- NOTES:**
- VALVE SHALL NOT SUPPORT VALVE BOX.
 - POSITION VALVE SO THAT OPERATOR IS ON SIDE OF WATER MAIN OPPOSITE THE C OF ROADWAY.
 - VALVE 16" OR LARGER SHALL BE A BUTTERFLY VALVE UNLESS OTHERWISE IDENTIFIED BY OWNER.

BUTTERFLY VALVE INSTALLATION (TYP.)



PIPE SIZE	A	B
6" x 4"	1'	1'
8" x 4"	1'	1'
8" x 6"	1'	1'
12" x 4"	2'	2'
12" x 6"	2'	2'
12" x 8"	2'	2'
16" x 6"	2'	2'
16" x 8"	2'	2'
16" x 12"	2'	2'

- NOTES:**
- PIPING TO BE POLYETHYLENE WRAPPED PRIOR TO CONCRETE PLACEMENT.
 - USE HIGH EARLY CEMENT AND ALLOW CONCRETE TO ACHIEVE 90% STRENGTH BEFORE PLACING WATER-MAIN INTO SERVICE.

ANCHOR COLLAR FOR REDUCERS
NOT TO SCALE

AFFIX SEAL: HARDESTY & HANOVER, LLC
ON: 03/28/2024

ALTERED BY:
ON:

STATE OF NEW YORK
NICHOLAS LAMBROS
LICENSED PROFESSIONAL ENGINEER
NO. 107892

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5 BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1 CITY OF SYRACUSE COUNTY: ONONDAGA	PIN 3501.94 INFORMATION	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED WATER MAIN DETAILS - CITY OF SYRACUSE I-81 VIADUCT PROJECT - PHASE 1 CONTRACT 5	CONTRACT NUMBER D265478 DRAWING NO. WMD-03 SHEET NO. 644
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						
  Department of Transportation						

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DESIGN SUPERVISOR D. DELUCA

JOB MANAGER C. JENNE

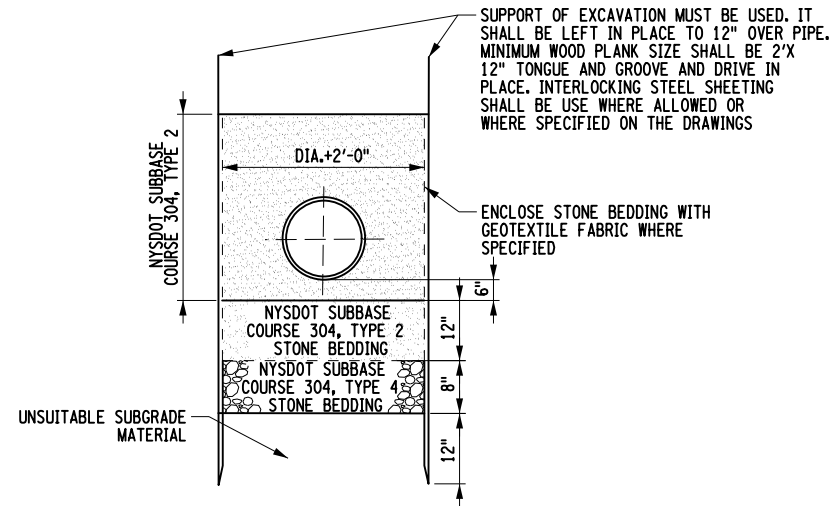
DESIGN N. LAMBROS

CHECK R. ROMAN

DRAFTING L. BELGRAVE

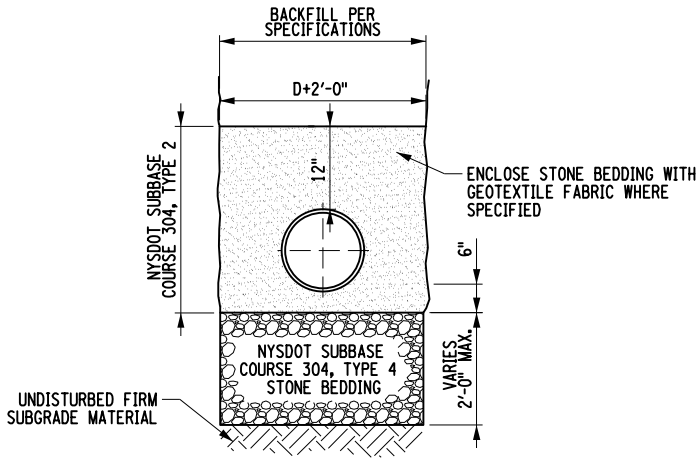
CHECK R. ROMAN

PROJECT MANAGER R. ROMAN



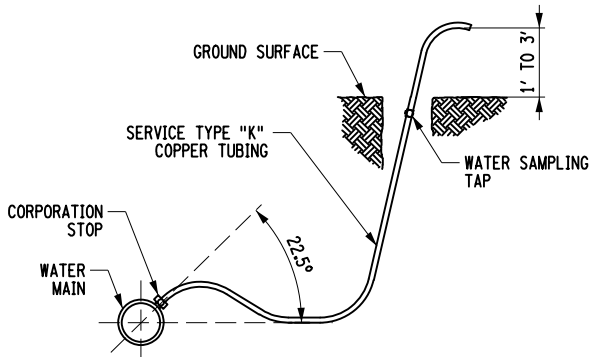
UNSTABLE SOIL CONDITIONS - TYPE III
NOT TO SCALE

MODERATELY UNSTABLE SOIL CONDITIONS - TYPE II
NOT TO SCALE

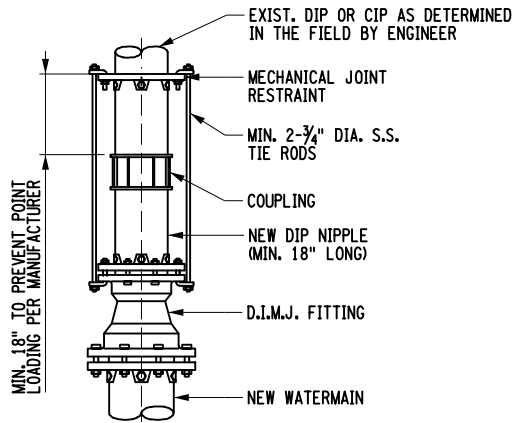


- NOTES:
- WHEN LOCATED IN PAVEMENT, TAP IS TO BE KEPT BELOW GROUND SURFACE EXCEPT WHEN IN USE. UPON NOTIFICATION OF ACCEPTABLE SAMPLE RESULTS, CORPORATION STOP IS TO BE CLOSED, AND TUBING DISCONNECTED AND REMOVED.
 - TAP MAY BE LOCATED AT THE SAME LOCATON OF A NEW WATER SERVICE. AFTER SAMPLE IS APPROVED, COPPER TUBING TO THE SURFACES IS TO BE REMOVED.
 - LOCATION OF TAP IS SUBJECT TO PRIOR APPROVAL OF THE OWNER REPRESENTATIVE.
 - ANY DISINFECTION/SAMPLING TAP NOT USED FOR A WATER SERVICE, MUST BE REMOVED FROM THE WATER MAIN, AND THE THREADED CORPORATION STOP TAP SHALL BE PLUGGED WITH A THREADED BRASS PLUG. AFTER PLUGGING MAIN, COAT BRASS PLUG WITH BITUMASTIC COATING.
 - ALL BRASS AND COPPER SHALL BE LEAD FREE.

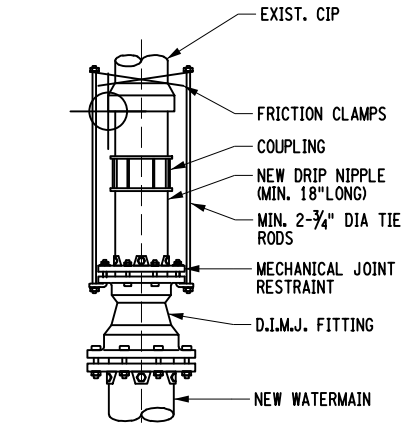
WATER DISINFECTION/SAMPLING TAP
NOT TO SCALE



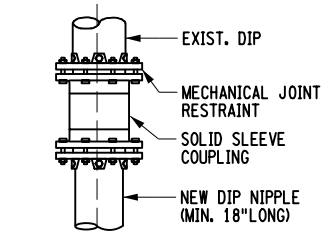
CONNECTION TO EXISTING WATERMAIN THROUGH 12-INCH DIAMETER (TYP.)
NOT TO SCALE



CONNECTION TO DIP OR CIP
NOT TO SCALE



CONNECTION TO CIP
NOT TO SCALE



CONNECTION TO DIP
NOT TO SCALE

- NOTES:
- VALVES AND TEES MAY BE HARNESSSED SIMILARLY.
 - HARNESSING IS FOR RESISTANCE TO INTERNAL PRESSURE-PIPE ITSELF MUST BE SUPPORTED ON FIRM BEDDING AND CAREFULLY BACKFILLED.
 - COAT ALL EXPOSED SURFACES OF HARNESS ASSEMBLY WITH BITUMINOUS COATING. TIE RODS SHALL BE PLACED ON SIDES OF PIPE.
 -

AFFIX SEAL: HARDESTY & HANOVER, LLC ON: 03/28/2024	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	PIN 3501.94	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1				WATER MAIN DETAILS - CITY OF SYRACUSE	DRAWING NO. WMD-04 SHEET NO. 645
	CITY OF SYRACUSE					
	COUNTY: ONONDAGA REGION: 03					
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						 Department of Transportation

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JOB MANAGER C. JENNE

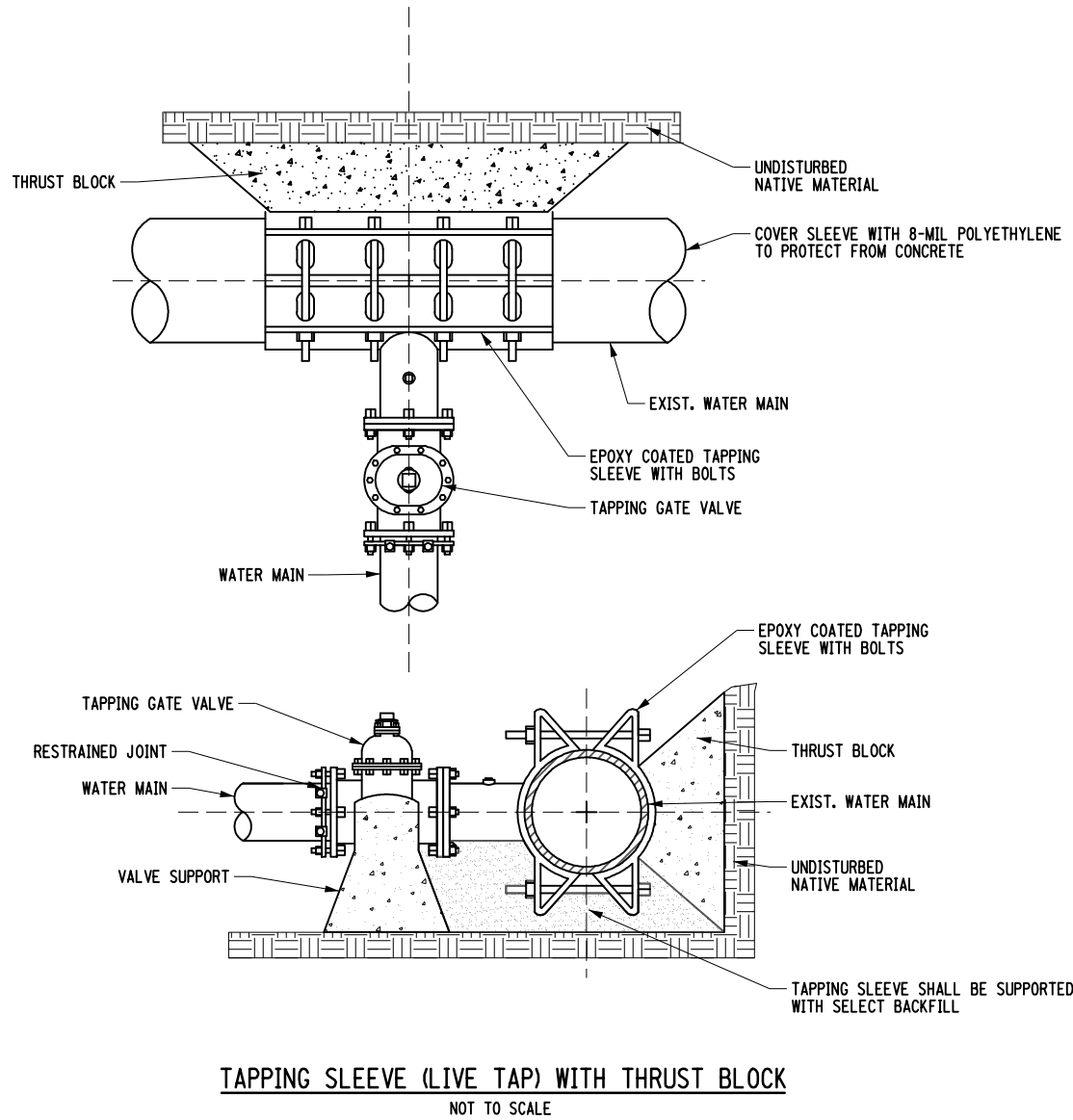
DESIGN N. LAMBROS

CHECK R. ROMAN

DRAFTING L. BELGRAVE

CHECK R. ROMAN

PROJECT MANAGER R. ROMAN

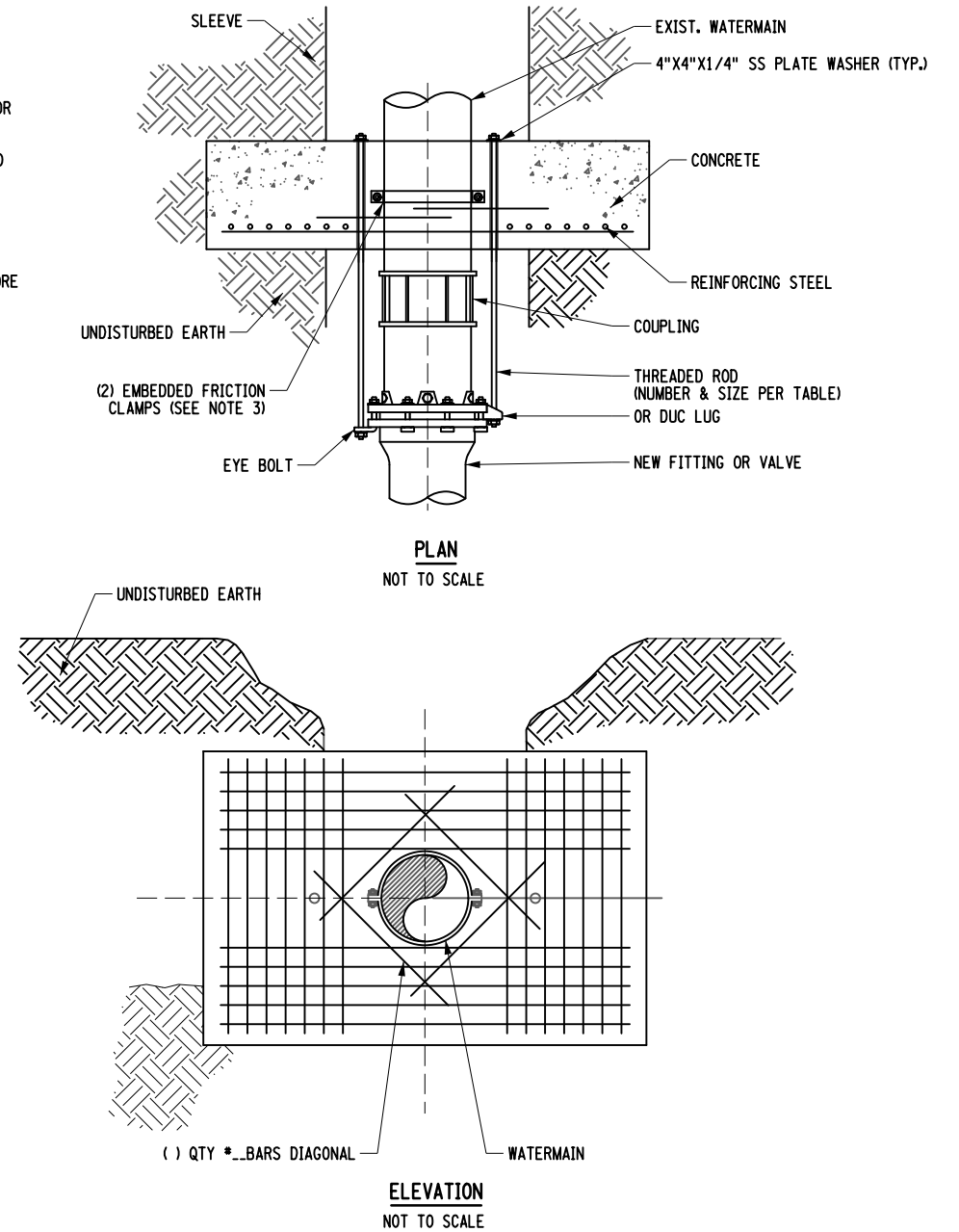


NOTES:

1. TAPPING SLEEVE IS APPROVED FOR USE WHERE WORKING PRESSURES ARE UNDER 150 PSI.
2. CONCRETE MUST BEAR UPON UNDISTURBED NATIVE MATERIAL.
3. ROUGH FORMS SHALL BE USED TO CONTAIN CONCRETE FOR THRUST BLOCKS. MECHANICAL JOINTS ARE NOT TO BE COVERED.
4. ALLOW POURED CONCRETE THRUST BLOCKS TO SET PRIOR TO BACKFILLING.
5. ALL PIPE AND FITTINGS TO BE WRAPPED POLYETHYLENE ENCASEMENT.
6. ALL FITTINGS ARE TO BE MECHANICALLY RESTRAINED.

NOTES:

1. PIPING TO BE POLYETHYLENE WRAPPED PRIOR TO CONCRETE PLACEMENT.
2. ALL EXPOSED CARBON STEEL TO BE COATED WITH BITUMASTIC.
3. EXISTING ACP PIPE TO BE ISOLATED FROM CONCRETE.
4. USE HIGH EARLY CEMENT AND ALLOW CONCRETE TO ACHIEVE 90% STRENGTH BEFORE PLACING WATER MAIN INTO SERVICE.



PIPE SIZE	DIMENSION SCHEDULE					THRD. ROD	
	'A'	'B'	'C'	'D'		NO.	DIA.

ANCHOR COLLAR DETAIL
NOT TO SCALE

AFFIX SEAL: HARDESTY & HANOVER, LLC ON: 03/28/2024	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	PIN 3501.94	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED WATER MAIN DETAILS - CITY OF SYRACUSE I-81 VIADUCT PROJECT - PHASE 1 CONTRACT 5	CONTRACT NUMBER D265478
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1					DRAWING NO. WMD-05
	CITY OF SYRACUSE					SHEET NO. 646
	COUNTY: ONONDAGA REGION: 03					
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USER = nlambros

DESIGN SUPERVISOR D. DELUCA

JOB MANAGER C. JENNE

DESIGN N. LAMBROS

CHECK R. ROMAN

DRAFTING N. LAMBROS

CHECK R. ROMAN

PROJECT MANAGER R. ROMAN

WATER MAIN NOTES:

1.

ALL WATER MAIN WORK AND MATERIALS SHALL BE DONE IN ACCORDANCE WITH THE CONTRACT PLANS AND IN CONFORMANCE WITH THE CITY OF SYRACUSE DEPARTMENT OF WATER AND/OR ONONDAGA COUNTY WATER AUTHORITY (OCWA) STANDARD WATER MAIN SPECIFICATIONS, APPLICABLE STANDARD DRAWINGS, AND SPECIFIC CONTRACT REQUIREMENTS.
2.

THE CONTRACTOR SHALL NOTIFY THE CITY OF SYRACUSE AND/OR OCWA OF CONSTRUCTION AT LEAST 72 WORKING HOURS IN ADVANCE PRIOR TO SHUTTING OFF VALVES. NO WATER MAIN REMOVAL SHALL TAKE PLACE BEFORE SHUT-OFF VALVES HAVE BEEN CLOSED BY THE CITY OF SYRACUSE AND/OR OCWA PERSONNEL. NOTIFY THE CITY OF SYRACUSE AND/OR OCWA THIRTY (30) DAYS PRIOR TO COMMENCEMENT OF WORK.
3.

THE ALIGNMENT OF THE WATER MAINS AND THE LOCATION OF THE VALVES AND HYDRANTS ARE SHOWN SCHEMATICALLY. THE EXACT ALIGNMENTS SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR.
4.

ALL NEW DUCTILE IRON ZINC COATED WATER MAINS UP TO AND INCLUDING 30" DIAMETER SHALL HAVE RESTRAINED JOINTS AND SHALL BE CEMENT LINED. ALL FITTINGS SHALL BE COMPACT DUCTILE IRON (C153) CEMENT LINED UNLESS OTHERWISE NOTED.
5.

ALL CITY OF SYRACUSE VALVES FOR WATER MAINS BETWEEN 3" AND 12" DIAMETER SHALL BE GATE VALES. ALL CITY OF SYRACUSE VALVES FOR WATER MAINS 16" AND LARGER IN DIAMETER SHALL BE BUTTERFLY VALVES. ACCESS TO WATER VALVES WITHIN THE WORK AREA SHALL BE MAINTAINED AT ALL TIMES.

OCWA VALVES FOR WATER MAINS 12" DIAMETER OR SMALLER SHALL BE RSMJ GATE VALES. ALL OCWA VALVES FOR WATER MAINS 16" AND LARGER IN DIAMETER SHALL BE RSMJ HORIZONTAL GATE VALVE WITH BEVEL GEARING. ACCESS TO WATER VALVES WITHIN THE WORK AREA SHALL BE MAINTAINED AT ALL TIMES.
6.

PRIOR TO CONNECTING THE NEW MAINS TO THE EXISTING MAINS, IT MUST BE MADE ABSOLUTELY CERTAIN THAT ALL THE REPLACEMENT/RESTRAINT REQUIREMENTS DUE TO NEWLY INSTALLED VALVES AND FITTINGS ARE FULLY MET, THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY DAMAGE TO PROPERTY AND FOR PERSONNEL INJURY CAUSED BY NEGLIGENCE OR OMISSION REGARDING COMPLIANCE WITH THE REPLACEMENT/RESTRAINT REQUIREMENTS.
7.

PRIOR TO BEGINNING ANY WATER MAIN WORK, THE CONTRACTOR MUST IDENTIFY THE LOCATION, SIZE, AND TYPE OF ALL EXISTING UTILITIES, INCLUDING ALL SEWER AND WATER HOUSE/SERVICE CONNECTIONS.
8.

ALL WATER AND SEWER HOUSE SERVICES SHOULD BE MAINTAINED AND PROTECTED AGAINST FREEZING DURING CONSTRUCTION.
9.

ALL TAPS AND WET CONNECTIONS ON THE EXISTING WATER MAIN SHOULD BE TRANSFERED TO THE NEW MAIN, AND ALL SERVICES SHOULD BE INSTALLED PERPENDICULAR TO THE DISTRIBUTION MAIN.
10.

ALL HYDRANTS SHALL BE MAINTAINED IN SERVICE AS PER CITY OF SYRACUSE AND/OR OCWA REQUIREMENTS.
11.

ALL EXCAVATION SHALL BE DONE BY HAND WITHIN ONE FOOT (1'-0") OF EXISTING WATER MAINS AND HOUSE CONNECTIONS.
12.

CITY OF SYRACUSE REQUIREMENT FOR WATER MAINS INSTALLED PARALLEL TO SEWERS:

THE CLEARANCE BETWEEN THE OUTSIDE OF THE NEW WATER MAIN AND THE OUTSIDE OF THE EXISTING/NEW SEWER SHOULD NOT BE LESS THAN TEN (10) FEET. REFER TO NYSDOT STANDARD DRAWING 664-01, "SANITARY SEWER MAIN PIPE INSTALLATION DETAILS", LATEST REVISION, FOR MORE INFORMATION.
13.

CITY OF SYRACUSE REQUIREMENT FOR WATER MAINS CROSSING SEWERS:

THE CLEARANCE BETWEEN THE TOP OF AN EXISTING/NEW SEWER AND THE BOTTOM OF THE PROPOSED WATER MAIN, AT THEIR CROSSING, SHALL BE 1'-6" MINIMUM. REFER TO NYSDOT STANDARD DRAWING 664-01, "SANITARY SEWER MAIN PIPE INSTALLATION DETAILS", LATEST REVISION, FOR MORE INFORMATION.

14.

THE CONTRACTOR SHALL SUBMIT GEOMETRY DRAWINGS FOR FABRICATION AND LAYING OF STEEL PIPE, INCLUDING PIPE SUPPORTS AND SHALLOW COVER PROTECTION, TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
15.

THE CONTRACTOR SHALL MAINTAIN 5 FEET OF COVER OVER ALL WATER MAINS AND 4.5 FEET OF COVER OVER ALL WATER SERVICE CONNECTIONS.
16.

ALL WATER SERVICE CONNECTIONS TO EXISTING WATER MAINS TO BE REPLACED/RELOCATED SHOULD BE TRANSFERED TO THE NEW WATER MAIN.
17.

HYDRANT VALVES SHOULD BE INSTALLED A MINIMUM 18" AWAY FROM THE NEW WATER MAIN 3-WAY CONNECTION. THE CONTRACTOR SHALL REMOVE ALL CASTING AND HYDRANTS AS REQUIRED BY THE CITY OF SYRACUSE AND/OR OCWA.
18.

ALL WATER SERVICE THAT ARE FOUND TO BE LEAD SHALL BE REMOVED AND REPLACED FROM THE WATER MAIN TO THE PROPERTY WATER METER. THERE IS A WARRANTY FOR 12 MONTHS AFTER INSTALLATION OF THE SERVICE CONNECTION FROM THE CITY OF SYRACUSE.
19.

WATER SERVICE CONNECTIONS THAT HAVE BEEN DETERMINED TO RUN TO ABANDONED PROPERTIES SHALL BE CUT AT THE WATER MAIN AND ABANDONED IN PLACE.
20.

A CASING PIPE IS REQUIRED FOR PROPOSED WATER MAINS RUNNING UNDER THE I-81 BUSINESS LOOP SOUTH OF MARTIN LUTHER KING EAST.
21.

THE CONTRACTOR SHALL INSTALL DISINFECTION/SAMPLING TAP AS PER THE WATER MAIN OWNER'S REQUIREMENTS AS WELL AS THE LOCAL DEPARTMENT OF HEALTH. THIS SHALL BE PAID FOR UNDER THE PROPOSED WATER MAIN ITEMS.

NYSDOT STANDARD DRAWINGS	
663-01	WATER MAIN PIPE INSTALLATION DETAILS
663-02	WATER MAIN HORIZONTAL THRUST RESTRAINT DETAILS
663-03	WATER MAIN VERTICAL THRUST RESTRAINT DETAILS
663-04	WATER MAIN UTILITY CROSSING RELOCATION DETAILS
664-01	SANITARY SEWER MAIN PIPE INSTALLATION DETAILS

OCWA OFFSET CRITERIA FROM WATER MAIN:

UTILITY TYPE	HORIZ. OFFSET	VERTICAL OFFSET
GAS PIPES	5'-0"	1'-6"
SANITARY AND STORM SEWERS	10'-0"	1'-6"
FIXED OBJECTS	10'-0"	N/A

AFFIX SEAL: HARDESTY & HANOVER, LLC
ON: 01/03/2024

ALTERED BY:
ON:



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	PIN 3501.94 UTILITY QUALITY LEVEL VARIES, SEE SUPPLEMENTAL INFORMATION	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1					DRAWING NO. WMN-01
	CITY OF SYRACUSE				I-81 VIADUCT PROJECT - PHASE 1 CONTRACT 5	SHEET NO. 647
	COUNTY: ONONDAGA REGION: 03					
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						  Department of Transportation

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JOB MANAGER C. JENNE

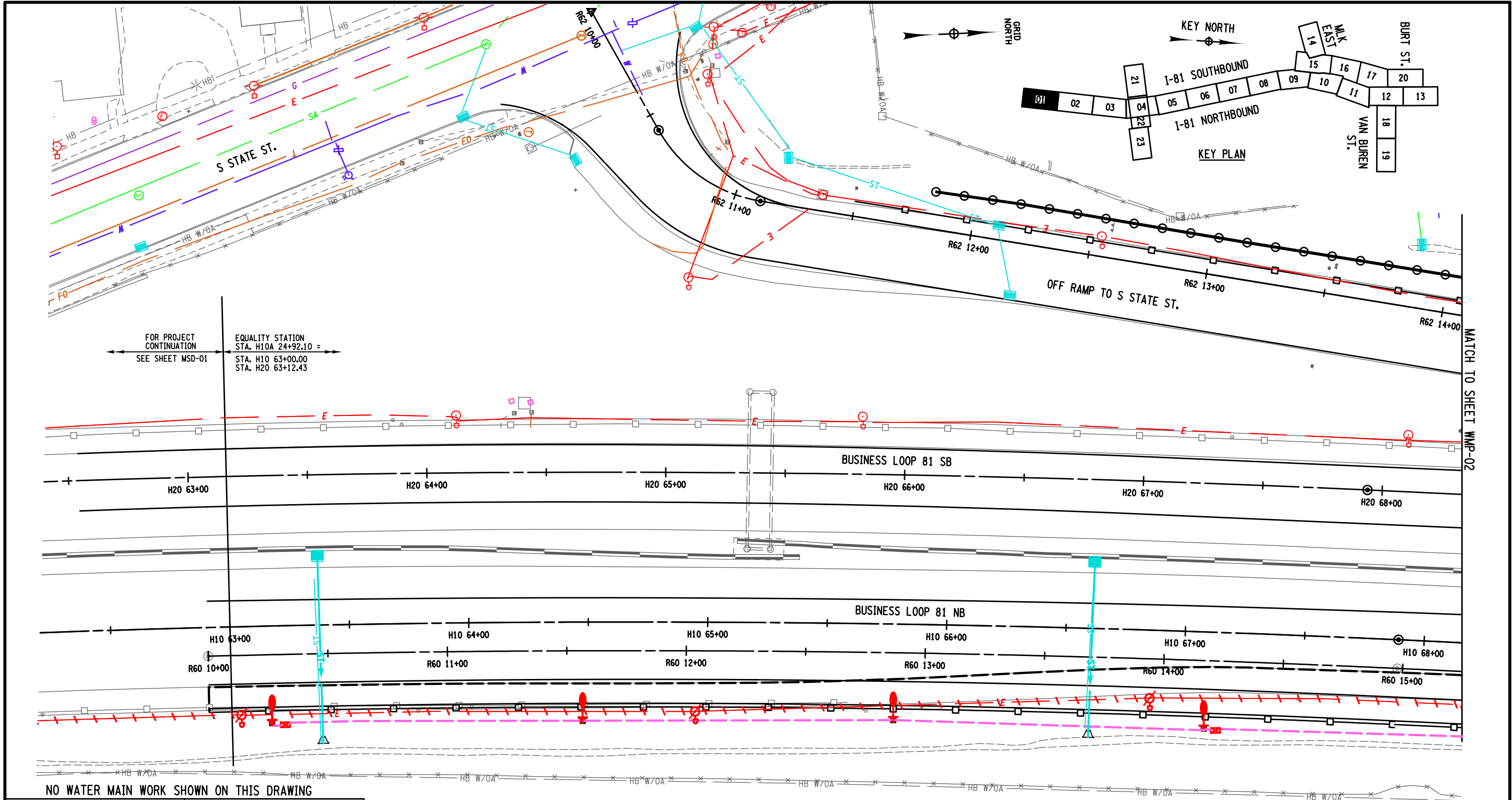
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CHECK R. ROMAN

PROJECT MANAGER R. ROMAN



FOR PROJECT CONTINUATION
SEE SHEET MSD-01

EQUALITY STATION
STA. H10A 24+92.10 =
STA. H10 63+00.00
STA. H20 63+12.43

MATCH TO SHEET WMP-02

NO WATER MAIN WORK SHOWN ON THIS DRAWING

AFFIX SEAL: HARDESTY & HANOVER, LLC
ON: 01/03/2024

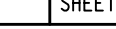
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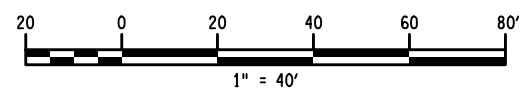
EX. CHILLED WATER PIPE ——— UOW ———

PROP. ABANDON/REMOVE ——— M ———

EX. STEAM PIPE ——— UST ———

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5		PIN 3501.94	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1					PROPOSED WATER MAIN PLAN - 01	DRAWING NO. WMP-01
	CITY OF SYRACUSE						
	COUNTY: ONONDAGA REGION: 03						
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- NOTES:
- REFER TO GENERAL UTILITY NOTES SHEET (WMN-01) FOR ADDITIONAL INFORMATION.
 - REFER TO DRAWINGS WMPR-01 TO WMPR-07 FOR WATER MAIN PROFILES.



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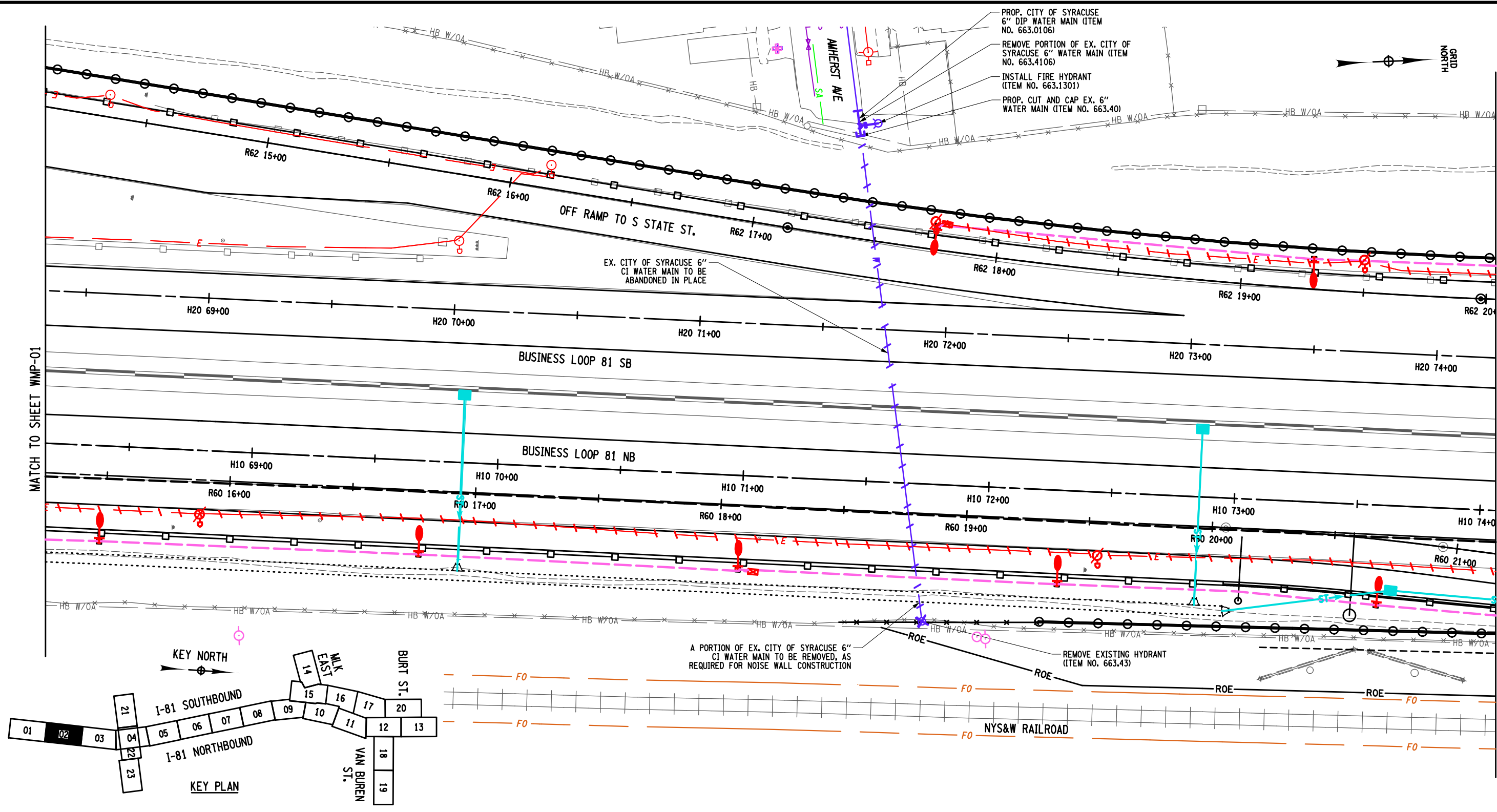
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CHECK R. ROMAN

DRAFTING N. LAMBROS

CHECK R. ROMAN

PROJECT MANAGER R. ROMAN



AFFIX SEAL: HARDESTY & HANOVER, LLC
ON: 01/03/2024

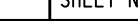
ALTERED BY:
ON:



LEGEND:
EX. CHILLED WATER PIPE
PROP. ABANDON/REMOVE
EX. STEAM PIPE

UCW
UK
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NOTES:
1. REFER TO GENERAL UTILITY NOTES SHEET (WMN-01) FOR ADDITIONAL INFORMATION.
2. REFER TO DRAWINGS WMPR-01 TO WMPR-07 FOR WATER MAIN PROFILES.

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5		PIN 3501.94	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478	
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1					PROPOSED WATER MAIN PLAN - 02	DRAWING NO. WMP-02	
	CITY OF SYRACUSE							
	COUNTY: ONONDAGA							REGION: 03
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							 NEW YORK STATE OF OPPORTUNITY	 Department of Transportation



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DESIGN SUPERVISOR D. DELUCA

JOB MANAGER C. JENNE

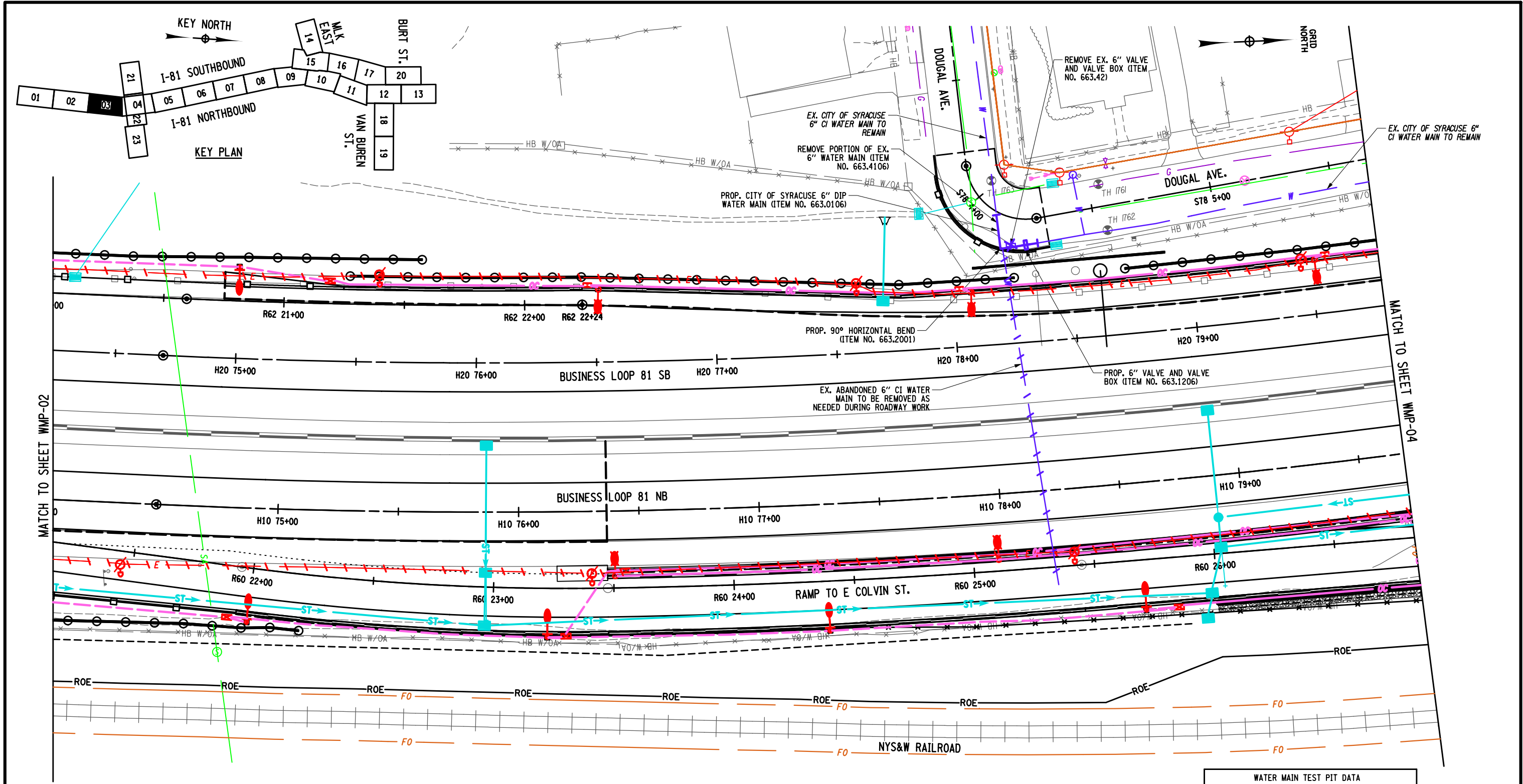
DESIGN N. LAMBROS

CHECK R. ROMAN

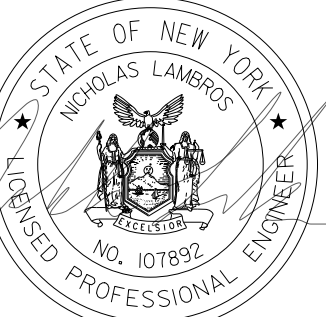
DRAFTING N. LAMBROS

CHECK R. ROMAN

PROJECT MANAGER R. ROMAN



AFFIX SEAL: HARDESTY & HANOVER, LLC
ON: 01/03/2024



ALTERED BY:
ON:

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5
BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1
CITY OF SYRACUSE
COUNTY: ONONDAGA REGION: 03

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

LEGEND:

EX. CHILLED WATER PIPE	UCW
PROP. ABANDON/REMOVE	UK
EX. STEAM PIPE	UST

NOTES:

- REFER TO GENERAL UTILITY NOTES SHEET (WMN-01) FOR ADDITIONAL INFORMATION.
- REFER TO DRAWINGS WMPR-01 TO WMPR-07 FOR WATER MAIN PROFILES.

WATER MAIN TEST PIT DATA

TH 1762	6" METALLIC WATER MAIN (3.35' COVER)
TH 1763	6" METALLIC WATER MAIN (4.17' COVER)

SCALE: 1" = 40'



PIN 3501.94	BRIDGES 103156B, 1031559, 1031569, 2208620, 7706370	CULVERTS N/A	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
UTILITY QUALITY LEVEL VARIES, SEE SUPPLEMENTAL INFORMATION			PROPOSED WATER MAIN PLAN - 03	DRAWING NO. WMP-03
			I-81 VIADUCT PROJECT - PHASE 1 CONTRACT 5	SHEET NO. 650



Department of Transportation

FILE NAME = 350194_cph_gmp_01.dgn
DATE/TIME = 02-JAN-2025 13:21
USER = nlambros

DESIGN SUPERVISOR D. DELUCA

JOB MANAGER C. JENNE

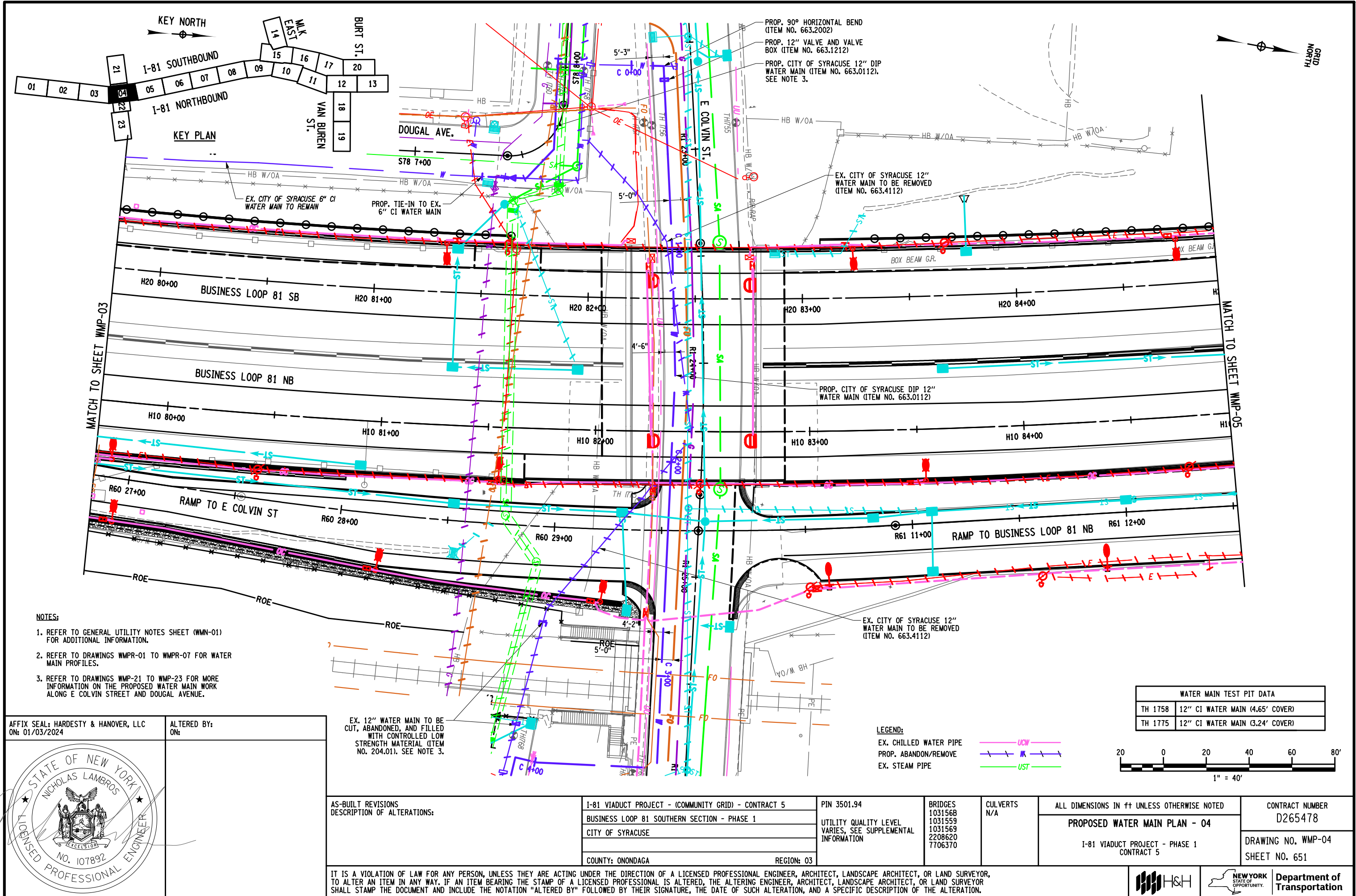
DESIGN N. LAMBROS

CHECK R. ROMAN

DRAFTING N. LAMBROS

CHECK R. ROMAN

PROJECT MANAGER R. ROMAN



FILE NAME = 350194_cph_gmp_01.dgn
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DESIGN SUPERVISOR D. DELUCA

JOB MANAGER C. JENNE

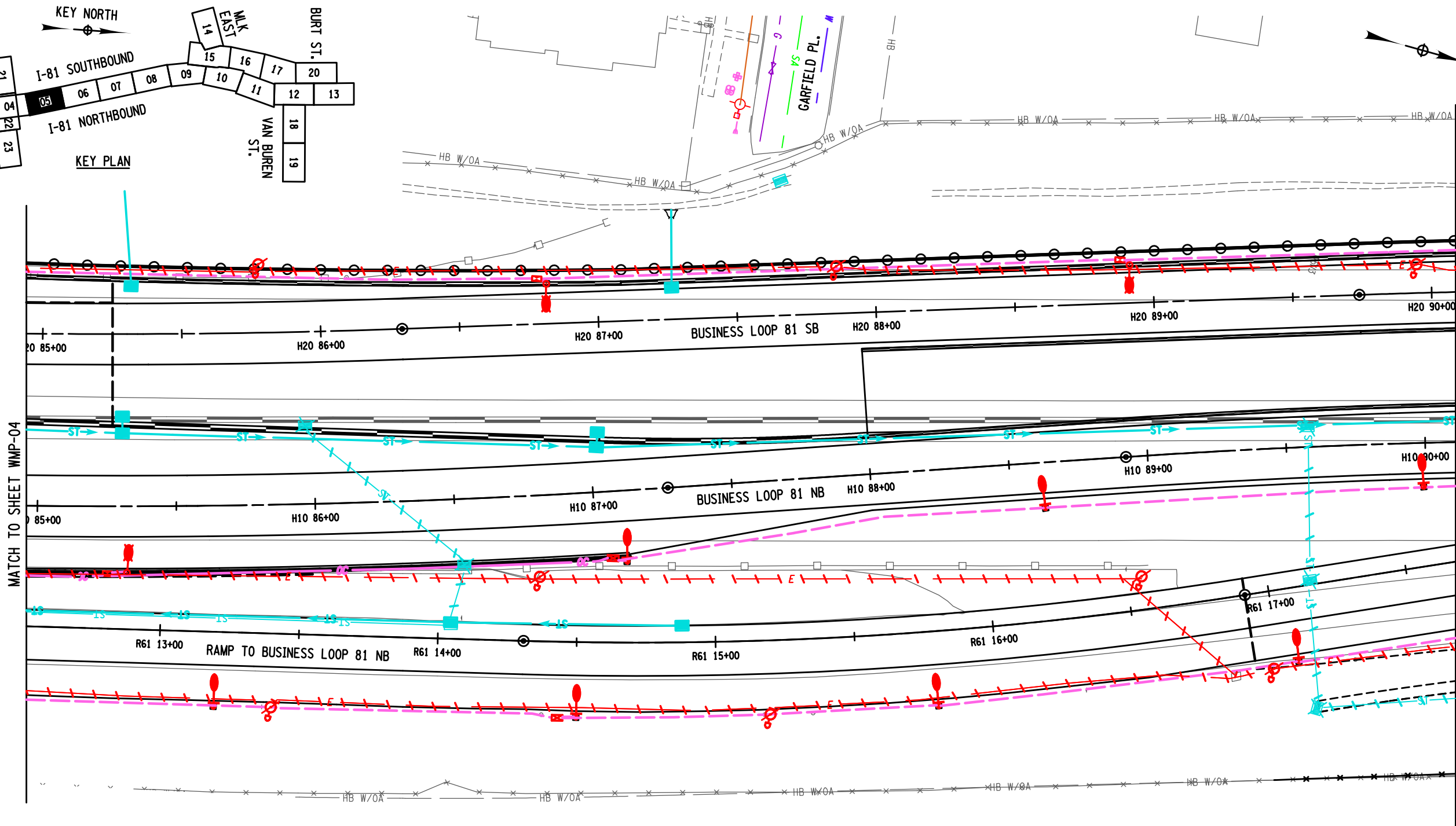
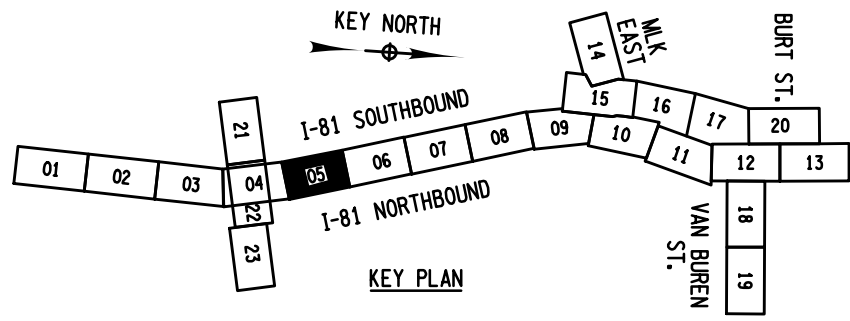
DESIGN N. LAMBROS

CHECK R. ROMAN

DRAFTING N. LAMBROS

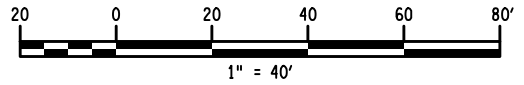
CHECK R. ROMAN

PROJECT MANAGER R. ROMAN



NO WATER MAIN WORK SHOWN ON THIS DRAWING

- NOTES:
1. REFER TO GENERAL UTILITY NOTES SHEET (WMN-01) FOR ADDITIONAL INFORMATION.
 2. REFER TO DRAWINGS WMPR-01 TO WMPR-07 FOR WATER MAIN PROFILES.



AFFIX SEAL: HARDESTY & HANOVER, LLC
ON: 01/03/2024

ALTERED BY:
ON:

- LEGEND:
- EX. CHILLED WATER PIPE (UCW)
 - PROP. ABANDON/REMOVE (M)
 - EX. STEAM PIPE (UST)

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5
BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1
CITY OF SYRACUSE
COUNTY: ONONDAGA REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES
103156B
1031559
1031569
2208620
7706370

CULVERTS
N/A

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
PROPOSED WATER MAIN PLAN - 05
I-81 VIADUCT PROJECT - PHASE 1
CONTRACT 5

CONTRACT NUMBER
D265478
DRAWING NO. WMP-05
SHEET NO. 652

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



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USER = nlambros

DESIGN SUPERVISOR D. DELUCA

JOB MANAGER C. JENNE

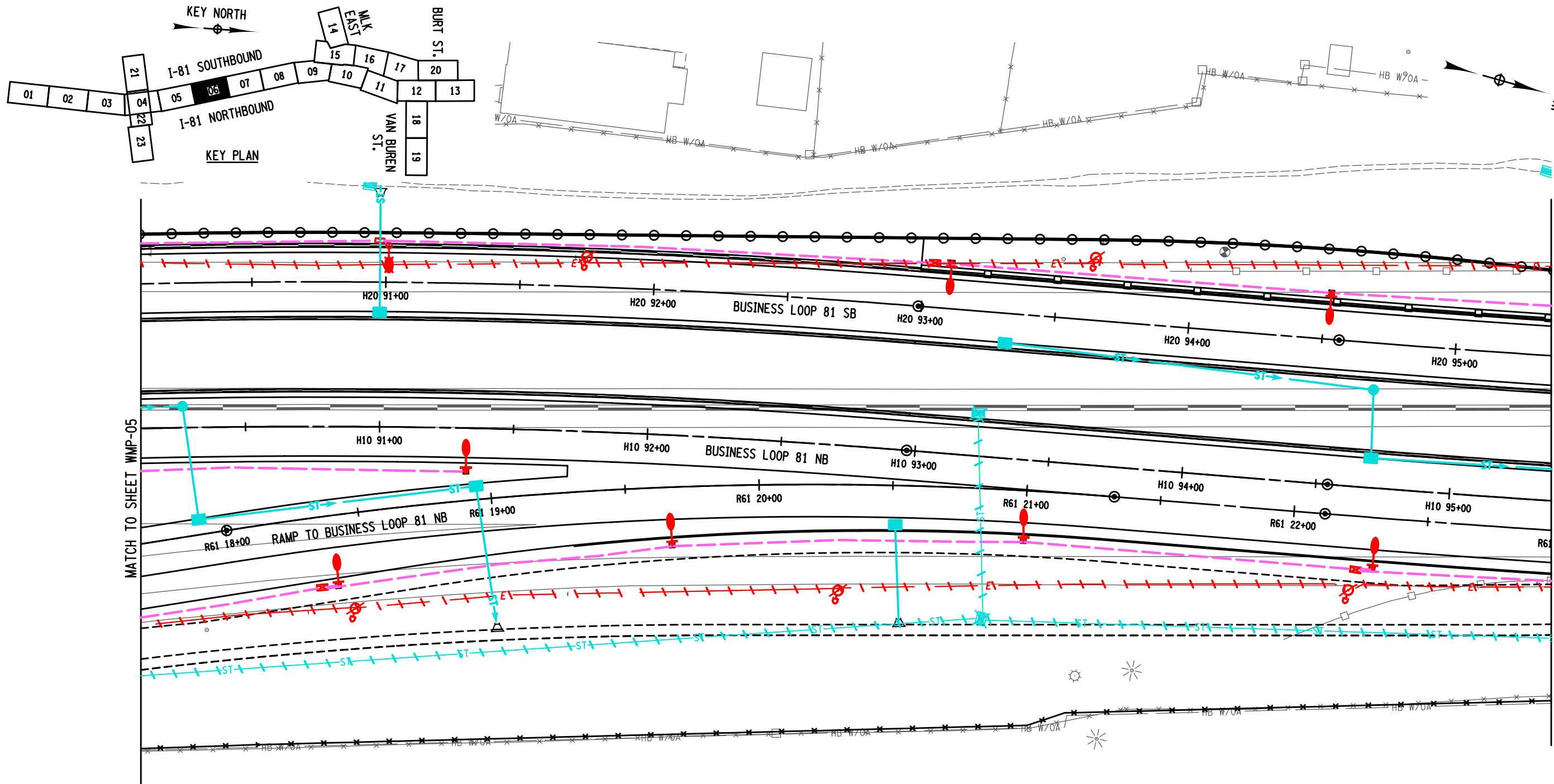
DESIGN N. LAMBROS

CHECK R. ROMAN

DRAFTING N. LAMBROS

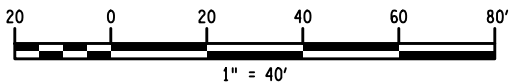
CHECK R. ROMAN

PROJECT MANAGER R. ROMAN

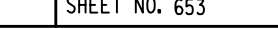


NO WATER MAIN WORK SHOWN ON THIS DRAWING

- NOTES:
1. REFER TO GENERAL UTILITY NOTES SHEET (WMN-01) FOR ADDITIONAL INFORMATION.
 2. REFER TO DRAWINGS WMPR-01 TO WMPR-07 FOR WATER MAIN PROFILES.



AFFIX SEAL: HARDESTY & HANOVER, LLC ON: 01/03/2024		ALTERED BY: ON:					
		LEGEND:					
		<table><tr><td>EX. CHILLED WATER PIPE</td><td>UCW</td></tr><tr><td>PROP. ABANDON/REMOVE</td><td>AK</td></tr><tr><td>EX. STEAM PIPE</td><td>UST</td></tr></table>		EX. CHILLED WATER PIPE	UCW	PROP. ABANDON/REMOVE	AK
EX. CHILLED WATER PIPE	UCW						
PROP. ABANDON/REMOVE	AK						
EX. STEAM PIPE	UST						

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	PIN 3501.94 UTILITY QUALITY LEVEL VARIES, SEE SUPPLEMENTAL INFORMATION	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1				PROPOSED WATER MAIN PLAN - 06	DRAWING NO. WMP-06
	CITY OF SYRACUSE					
	COUNTY: ONONDAGA REGION: 03					
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						
						

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DESIGN SUPERVISOR D. DELUCA

JOB MANAGER C. JENNE

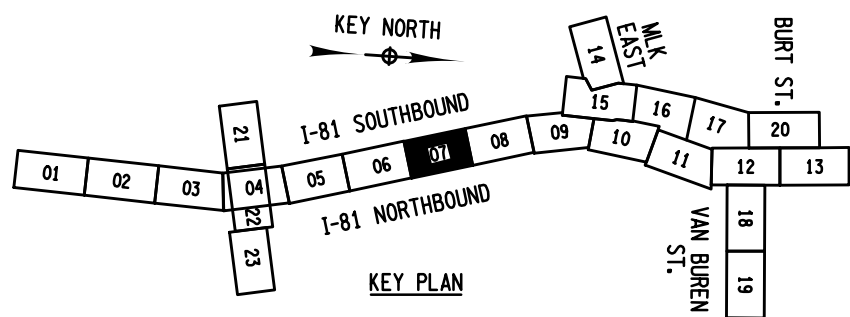
DESIGN N. LAMBROS

CHECK R. ROMAN

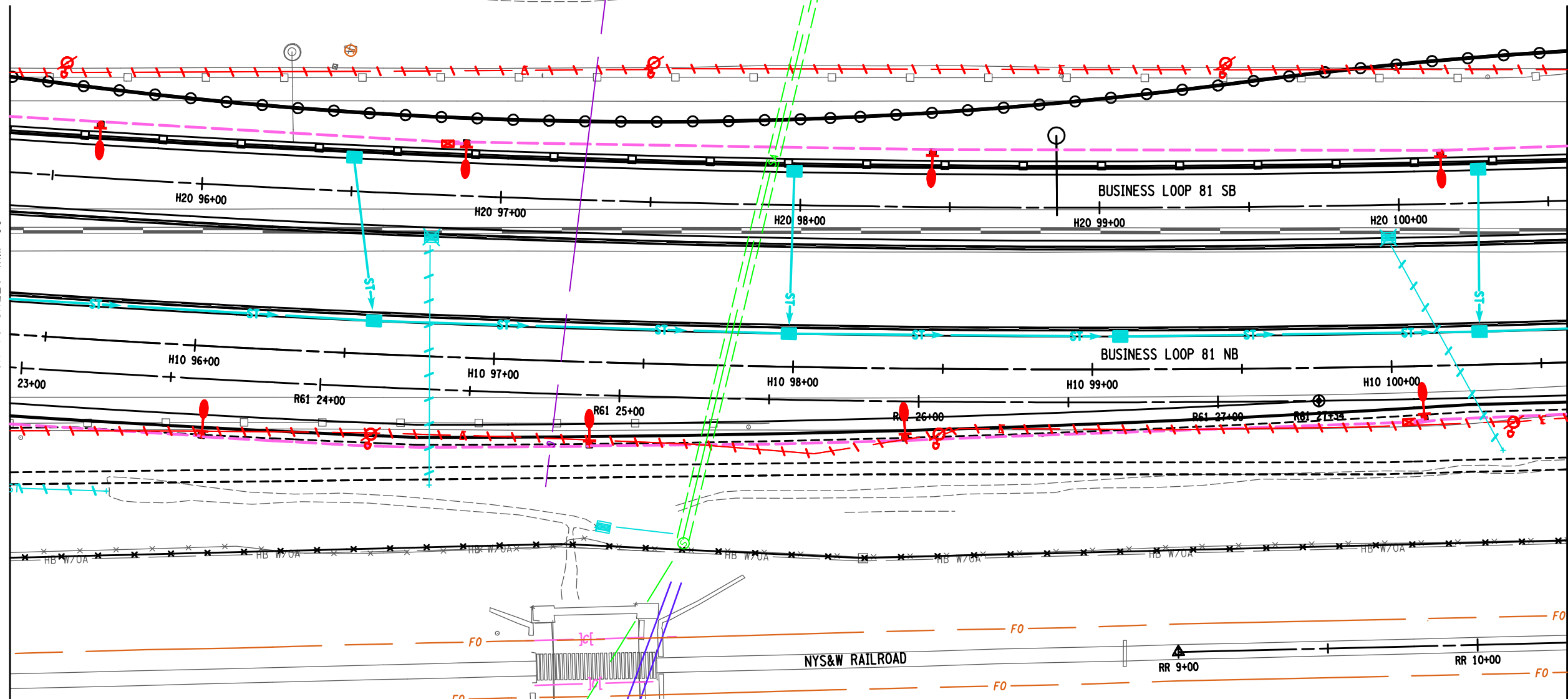
DRAFTING N. LAMBROS

CHECK R. ROMAN

PROJECT MANAGER R. ROMAN



MATCH TO SHEET WMP-06



MATCH TO SHEET WMP-08

NO WATER MAIN WORK SHOWN ON THIS DRAWING

AFFIX SEAL: HARDESTY & HANOVER, LLC
ON: 01/03/2024

ALTERED BY:
ON:



LEGEND:
EX. CHILLED WATER PIPE UCN
PROP. ABANDON/REMOVE M
EX. STEAM PIPE UST

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5
BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1
CITY OF SYRACUSE
COUNTY: ONONDAGA REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES
103156B
1031559
1031569
2208620
7706370

CULVERTS
N/A

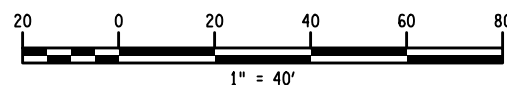
ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
PROPOSED WATER MAIN PLAN - 07
I-81 VIADUCT PROJECT - PHASE 1
CONTRACT 5

CONTRACT NUMBER
D265478
DRAWING NO. WMP-07
SHEET NO. 654

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NOTES:

1. REFER TO GENERAL UTILITY NOTES SHEET (WMN-01) FOR ADDITIONAL INFORMATION.
2. REFER TO DRAWINGS WMPR-01 TO WMPR-07 FOR WATER MAIN PROFILES.



Department of
Transportation

FILE NAME = 350194_cph_gmp_01.dgn
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USER = nlambros

DESIGN SUPERVISOR D. DELUCA

JOB MANAGER C. JENNE

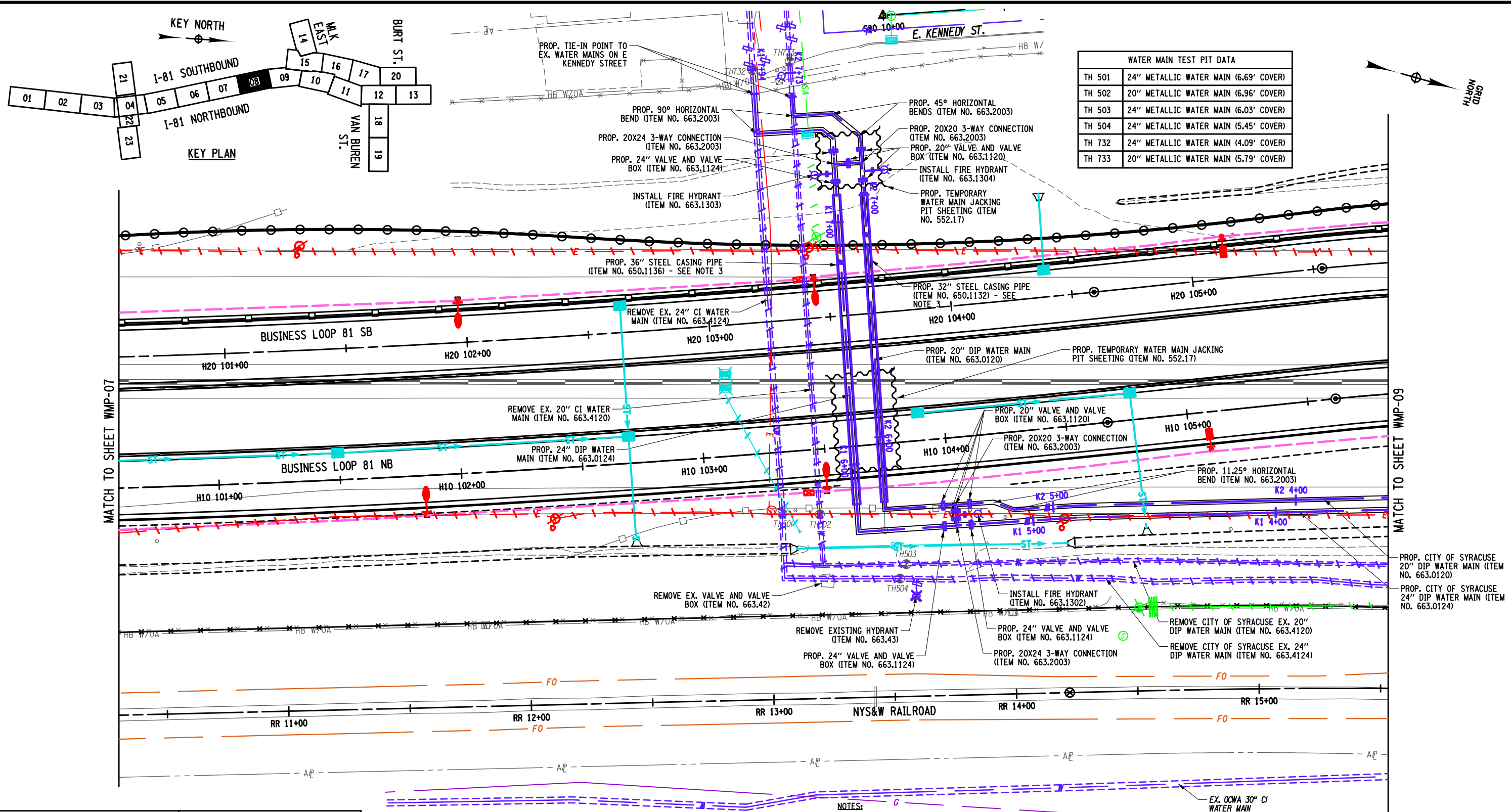
DESIGN N. LAMBROS

CHECK R. ROMAN

DRAFTING N. LAMBROS

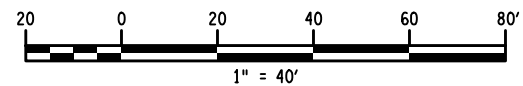
CHECK R. ROMAN

PROJECT MANAGER R. ROMAN



WATER MAIN TEST PIT DATA	
TH 501	24" METALLIC WATER MAIN (6.69' COVER)
TH 502	20" METALLIC WATER MAIN (6.96' COVER)
TH 503	24" METALLIC WATER MAIN (6.03' COVER)
TH 504	24" METALLIC WATER MAIN (5.45' COVER)
TH 732	24" METALLIC WATER MAIN (4.09' COVER)
TH 733	20" METALLIC WATER MAIN (5.79' COVER)

- NOTES:
- REFER TO GENERAL UTILITY NOTES SHEET (WMN-01) FOR ADDITIONAL INFORMATION.
 - REFER TO DRAWINGS WMPR-01 TO WMPR-07 FOR WATER MAIN PROFILES.
 - THE CASING PIPE SHALL BE BAR STEEL CASING PIPE AMERICAN PETROLEUM INSTITUTE (API) 5L GRADE B SEAMLESS, ELECTRIC WELDED PIPE OR APPROVED EQUAL. THE PIPE WALL THICKNESS SHALL BE SCHEDULE 40 OR AS DIRECTED BY THE ENGINEER. THE PIPE ENDS SHALL BE PREPARED FOR BUTT WELDING AND BEVELED AT 37 1/2 DEGREES. CASING SPACERS SHALL BE SPREAD AS PER MANUFACTURER'S RECOMMENDATION.



AFFIX SEAL: HARDESTY & HANOVER, LLC
ON: 01/03/2024

ALTERED BY:
ON:



LEGEND:

EX. CHILLED WATER PIPE — UCW —

PROP. ABANDON/REMOVE — AB —

EX. STEAM PIPE — UST —

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	PIN 3501.94	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478	
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1	UTILITY QUALITY LEVEL VARIES, SEE SUPPLEMENTAL INFORMATION					
	CITY OF SYRACUSE				PROPOSED WATER MAIN PLAN - 08 I-81 VIADUCT PROJECT - PHASE 1 CONTRACT 5	DRAWING NO. WMP-08 SHEET NO. 655	
	COUNTY: ONONDAGA REGION: 03						
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.							

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DESIGN SUPERVISOR D. DELUCA

JOB MANAGER C. JENNE

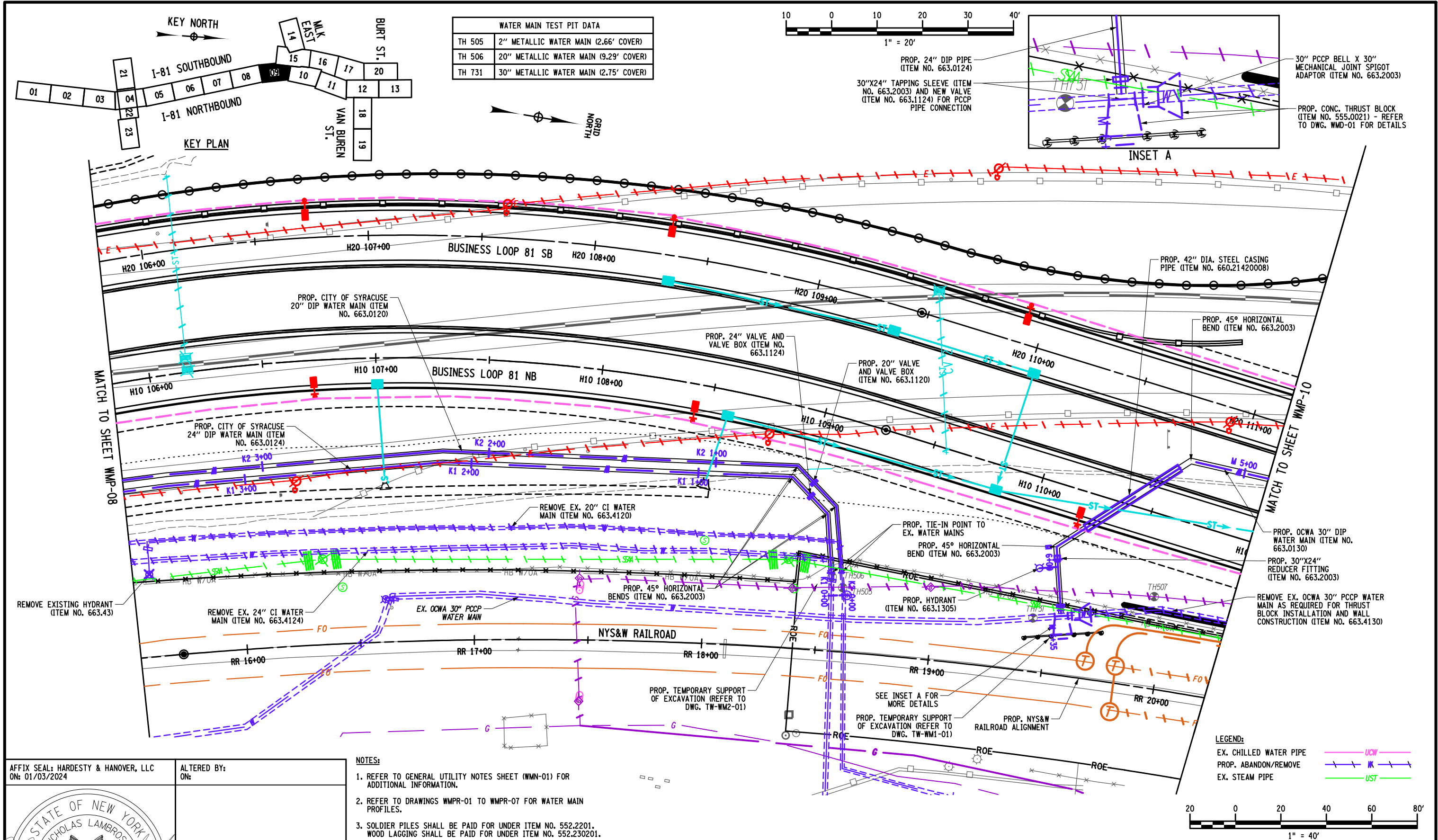
DESIGN N. LAMBROS

CHECK R. ROMAN

DRAFTING N. LAMBROS

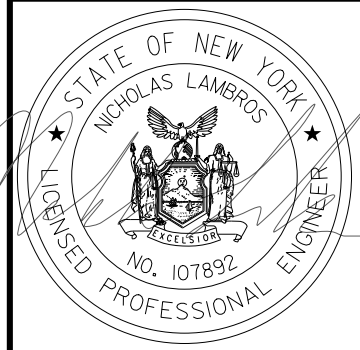
CHECK R. ROMAN

PROJECT MANAGER R. ROMAN



AFFIX SEAL: HARDESTY & HANOVER, LLC
ON: 01/03/2024

ALTERED BY:
ON:



- NOTES:
1. REFER TO GENERAL UTILITY NOTES SHEET (WMN-01) FOR ADDITIONAL INFORMATION.
 2. REFER TO DRAWINGS WMMP-01 TO WMMP-07 FOR WATER MAIN PROFILES.
 3. SOLDIER PILES SHALL BE PAID FOR UNDER ITEM NO. 552.2201. WOOD LAGGING SHALL BE PAID FOR UNDER ITEM NO. 552.230201.

AS-BUILT REVISIONS	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5
DESCRIPTION OF ALTERATIONS:	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1
	CITY OF SYRACUSE
	COUNTY: ONONDAGA REGION: 03

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	PIN 3501.94
BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1	UTILITY QUALITY LEVEL VARIES, SEE SUPPLEMENTAL INFORMATION
CITY OF SYRACUSE	BRIDGES 103156B 1031559 1031569 2208620 7706370
COUNTY: ONONDAGA REGION: 03	CULVERTS N/A

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
PROPOSED WATER MAIN PLAN - 09	DRAWING NO. WMP-09
I-81 VIADUCT PROJECT - PHASE 1 CONTRACT 5	SHEET NO. 656



FILE NAME = 350194_cph_gmp_01.dgn
DATE/TIME = 02-JAN-2025 13:32
USER = nlambros

DESIGN SUPERVISOR D. DELUCA

JOB MANAGER C. JENNE

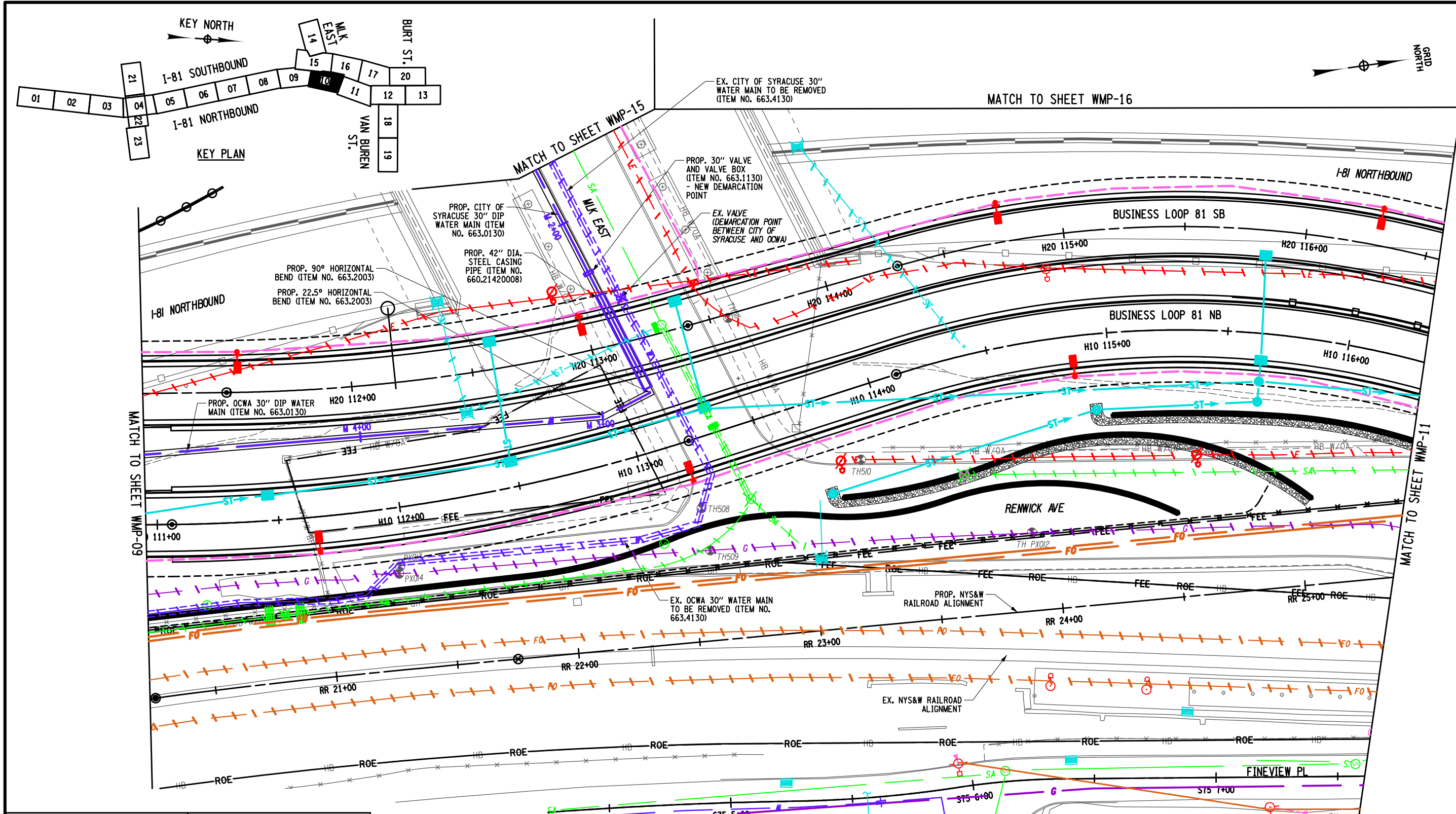
DESIGN N. LAMBROS

CHECK R. ROMAN

DRAFTING N. LAMBROS

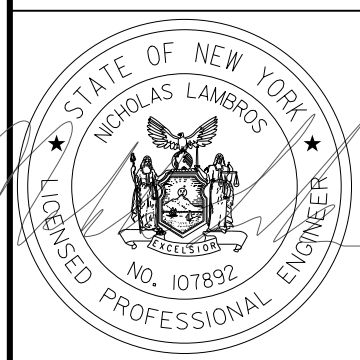
CHECK R. ROMAN

PROJECT MANAGER R. ROMAN



AFFIX SEAL: HARDESTY & HANOVER, LLC
ON: 01/03/2024

ALTERED BY:
ON:



LEGEND:
EX. CHILLED WATER PIPE ——— UCW
PROP. ABANDON/REMOVE ——— MK
EX. STEAM PIPE ——— UST

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5
BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1
CITY OF SYRACUSE
COUNTY: ONONDAGA REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

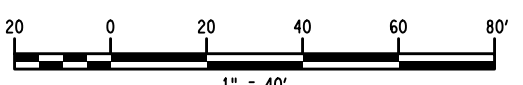
BRIDGES
103156B
1031559
1031569
2208620
7706370

CULVERTS
N/A

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
PROPOSED WATER MAIN PLAN - 10
I-81 VIADUCT PROJECT - PHASE 1
CONTRACT 5

CONTRACT NUMBER
D265478
DRAWING NO. WMP-10
SHEET NO. 657

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



- NOTES:**
1. REFER TO GENERAL UTILITY NOTES SHEET (WMN-01) FOR ADDITIONAL INFORMATION.
 2. REFER TO DRAWINGS WMPR-01 TO WMPR-07 FOR WATER MAIN PROFILES.

WATER MAIN TEST PIT DATA	
TH 508	30" CI WATER MAIN (3.67' COVER)



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DATE/TIME = 25-MAR-2024 14:15
USER = nlambros

DESIGN SUPERVISOR D. DENICA

JOB MANAGER C. JENNE

DESIGN N. LAMBROS

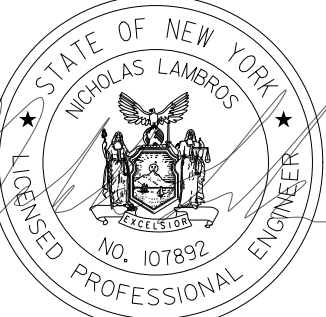
CHECK R. ROMAN

DRAFTING N. LAMBROS

CHECK R. ROMAN

PROJECT MANAGER R. ROMAN

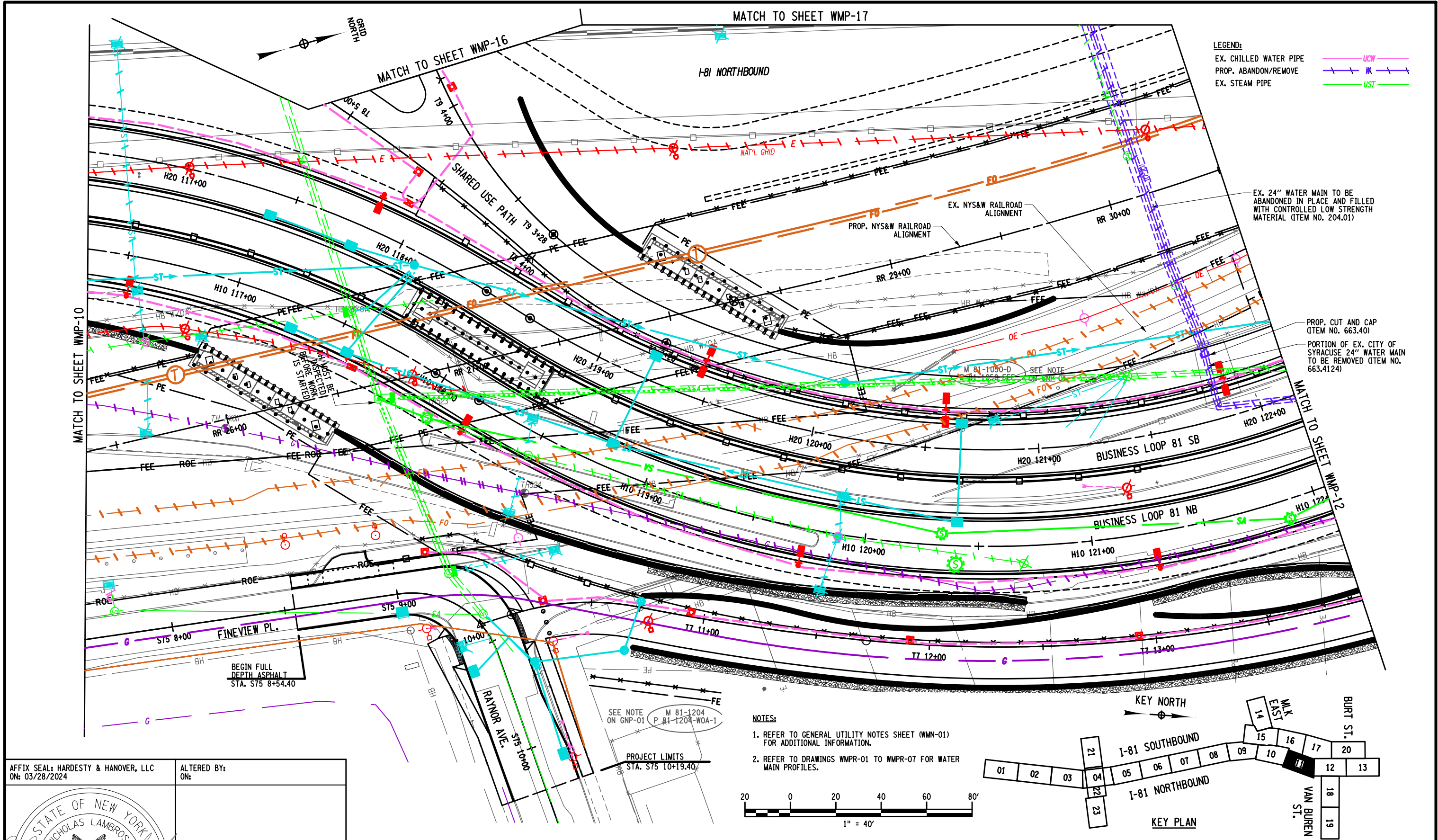
AFFIX SEAL: HARDESTY & HANOVER, LLC
ON: 03/28/2024



NICHOLAS LAMBROS
NO. 107892
LICENSED PROFESSIONAL ENGINEER

ALTERED BY:
ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5		PIN 3501.94	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478	
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1					PROPOSED WATER MAIN PLAN - 11	DRAWING NO. WMP-11	
	CITY OF SYRACUSE							
	COUNTY: ONONDAGA REGION: 03							
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.								
						 H&H	 NEW YORK STATE OF OPPORTUNITY	Department of Transportation



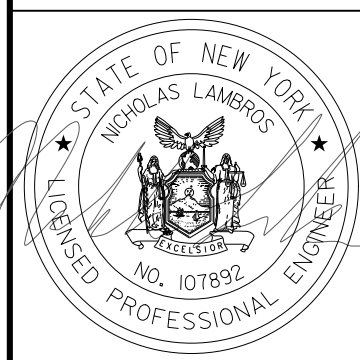
NOTES:

1. REFER TO GENERAL UTILITY NOTES SHEET (WMN-01) FOR ADDITIONAL INFORMATION.
2. REFER TO DRAWINGS WMNR-01 TO WMNR-07 FOR WATER MAIN PROFILES.

FILE NAME = 350194.cph-gmp-01.dgn
DATE/TIME = 28-JUN-2024 09:26
USER = nlambros

PROJECT MANAGER R. ROMAN
CHECK R. ROMAN
DRAFTING N. LAMBROS
CHECK R. ROMAN
DESIGN N. LAMBROS
JOB MANAGER C. JENNE

AFFIX SEAL: HARDESTY & HANOVER, LLC
ON: 06/06/2024



ALTERED BY:
ON:

LEGEND:

EX. CHILLED WATER PIPE — UCN
PROP. ABANDON/REMOVE — JK
EX. STEAM PIPE — UST

20 0 20 40 60 80'
1" = 40'

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

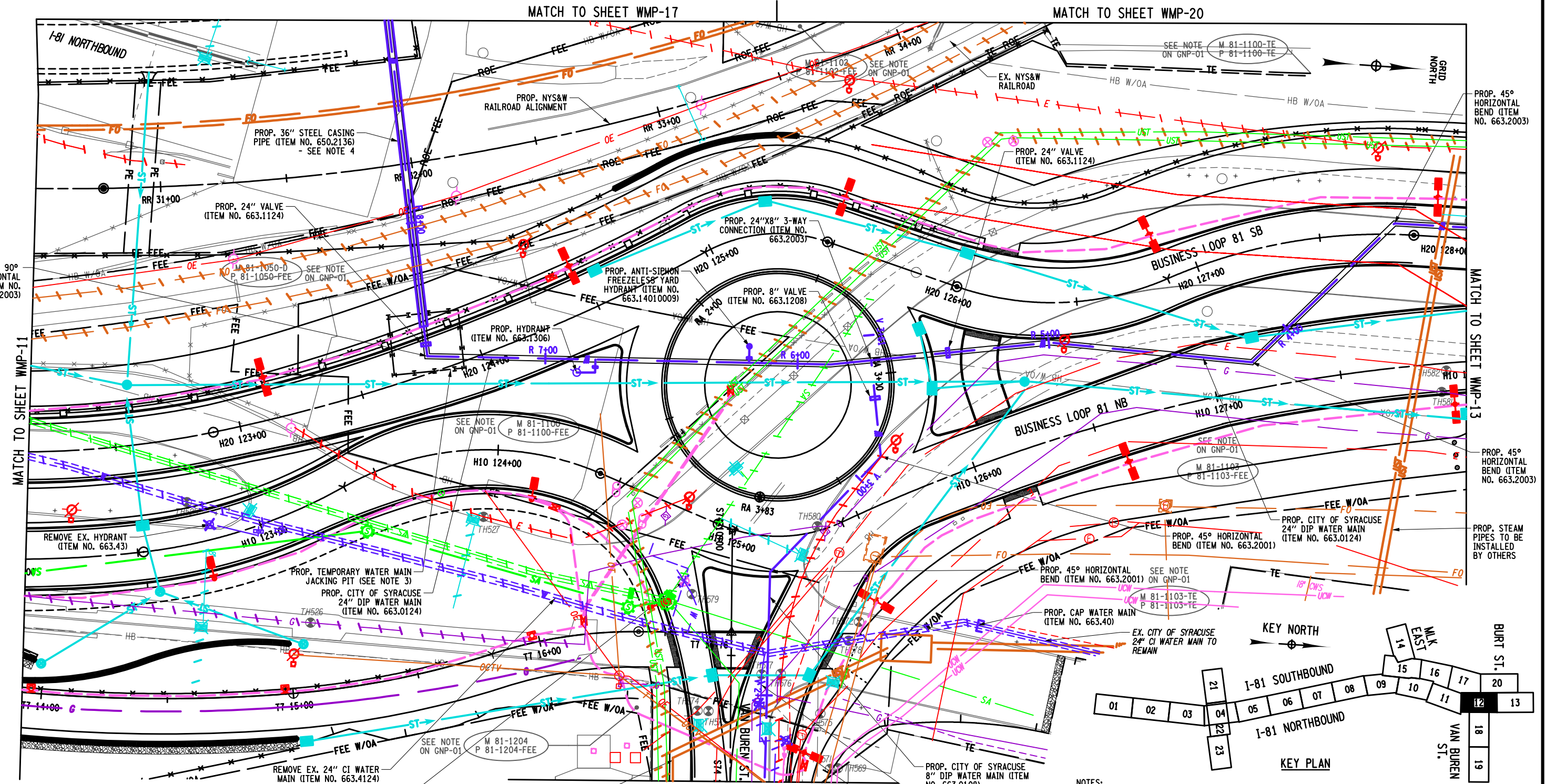
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

WATER MAIN TEST PIT DATA	
TH 525	24" CAST IRON WATER MAIN (5.10' COVER)
TH 577	8" CAST IRON WATER MAIN (6.54' COVER)
TH 578	30" CAST IRON WATER MAIN (4.55' COVER)
TH 579	5" CAST IRON WATER MAIN (3.83' COVER)

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	
BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1	
CITY OF SYRACUSE	
COUNTY: ONONDAGA	REGION: 03

PIN 3501.94	BRIDGES 103156B 1031559 1031569 2208620 7706370
UTILITY QUALITY LEVEL VARIES, SEE SUPPLEMENTAL INFORMATION	CULVERTS N/A

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
PROPOSED WATER MAIN PLAN - 12	DRAWING NO. WMP-12
I-81 VIADUCT PROJECT - PHASE 1 CONTRACT 5	SHEET NO. 659



- NOTES:**
- REFER TO GENERAL UTILITY NOTES SHEET (WMN-01) FOR ADDITIONAL INFORMATION.
 - REFER TO DRAWINGS WMPR-01 TO WMPR-07 FOR WATER MAIN PROFILES.
 - JACKING PITS SHALL BE PAID FOR UNDER ITEM NO. 552.17 - SHIELDS AND SHORING.
 - THE CASING PIPE SHALL BE BAR STEEL CASING PIPE AMERICAN PETROLEUM INSTITUTE (API) 5L GRADE B SEAMLESS, ELECTRIC WELDED PIPE OR APPROVED EQUAL. THE PIPE WALL THICKNESS SHALL BE SCHEDULE 40 OR AS DIRECTED BY THE ENGINEER. THE PIPE ENDS SHALL BE PREPARED FOR BUTT WELDING AND BEVELED AT 37 1/2 DEGREES. CASING SPACERS SHALL BE SPREAD AS PER MANUFACTURER'S RECOMMENDATION.

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DESIGN SUPERVISOR D. DENICA

JOB MANAGER C. JENNE

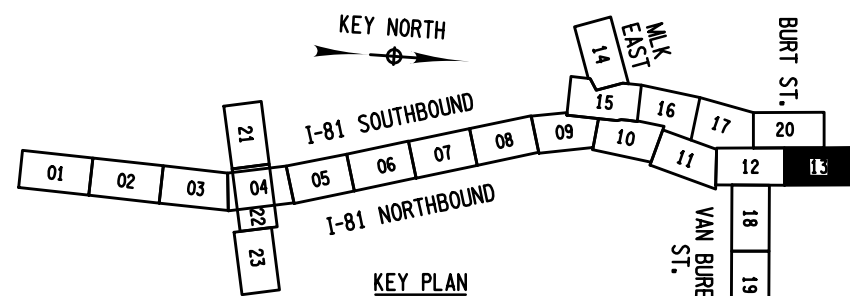
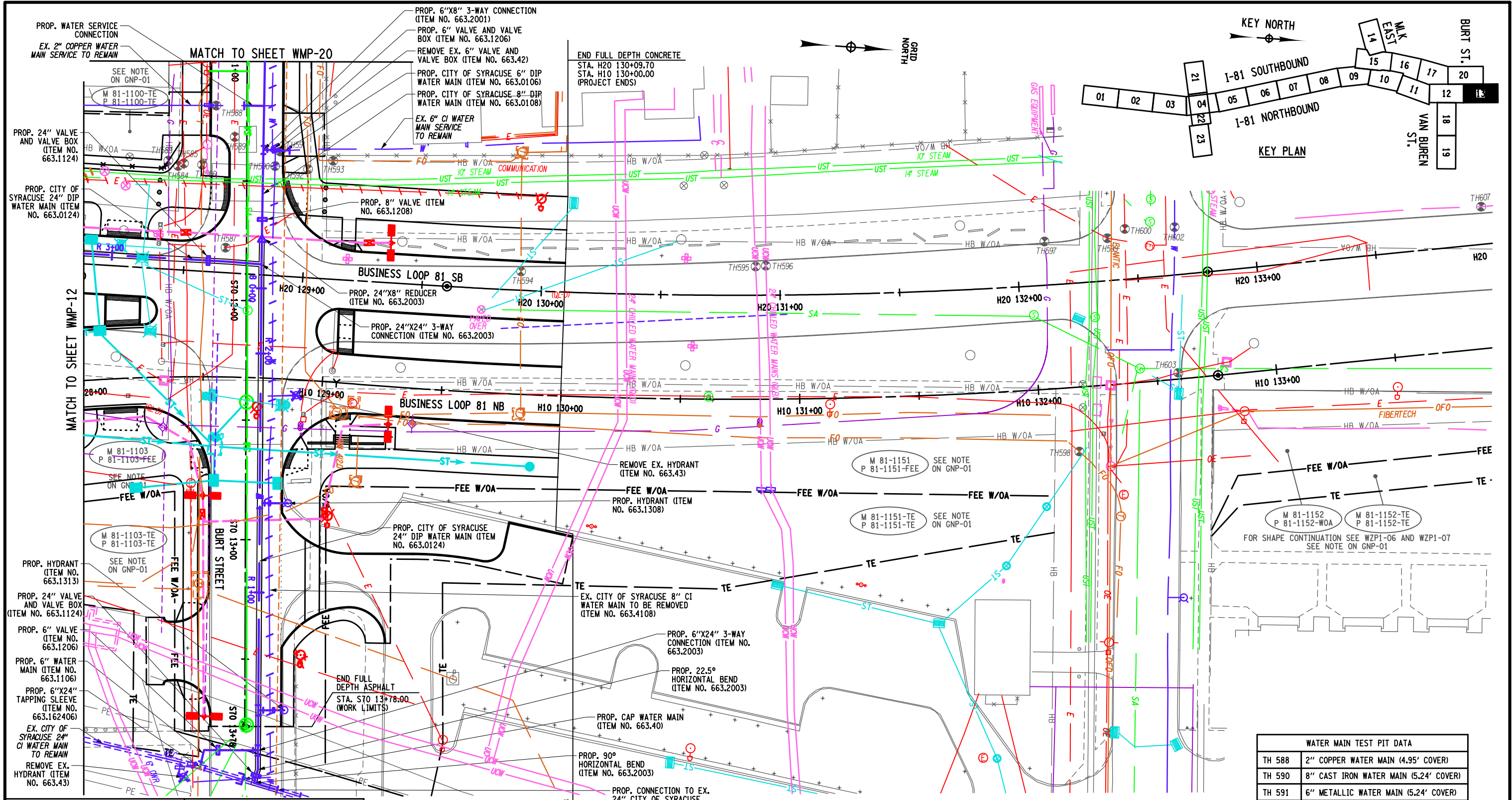
DESIGN N. LAMBROS

CHECK R. ROMAN

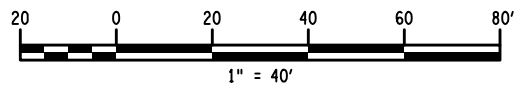
DRAFTING N. LAMBROS

CHECK R. ROMAN

PROJECT MANAGER R. ROMAN



WATER MAIN TEST PIT DATA	
TH 588	2" COPPER WATER MAIN (4.95' COVER)
TH 590	8" CAST IRON WATER MAIN (5.24' COVER)
TH 591	6" METALLIC WATER MAIN (5.24' COVER)



- LEGEND:**
- EX. CHILLED WATER PIPE (UCW)
 - PROP. ABANDON/REMOVE (M)
 - EX. STEAM PIPE (UST)

- NOTES:**
- REFER TO GENERAL UTILITY NOTES SHEET (WMN-01) FOR ADDITIONAL INFORMATION.
 - REFER TO DRAWINGS WMPR-01 TO WMPR-07 FOR WATER MAIN PROFILES.

AFFIX SEAL: HARDESTY & HANOVER, LLC
ON: 03/28/2024

ALTERED BY:
ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	PIN 3501.94	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478				
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1									
	CITY OF SYRACUSE									
	COUNTY: ONONDAGA REGION: 03									
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.										
I-81 VIADUCT PROJECT - PHASE 1 CONTRACT 5						DRAWING NO. WMP-13 SHEET NO. 660				

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DESIGN SUPERVISOR D. DENICA

JOB MANAGER C. JENNE

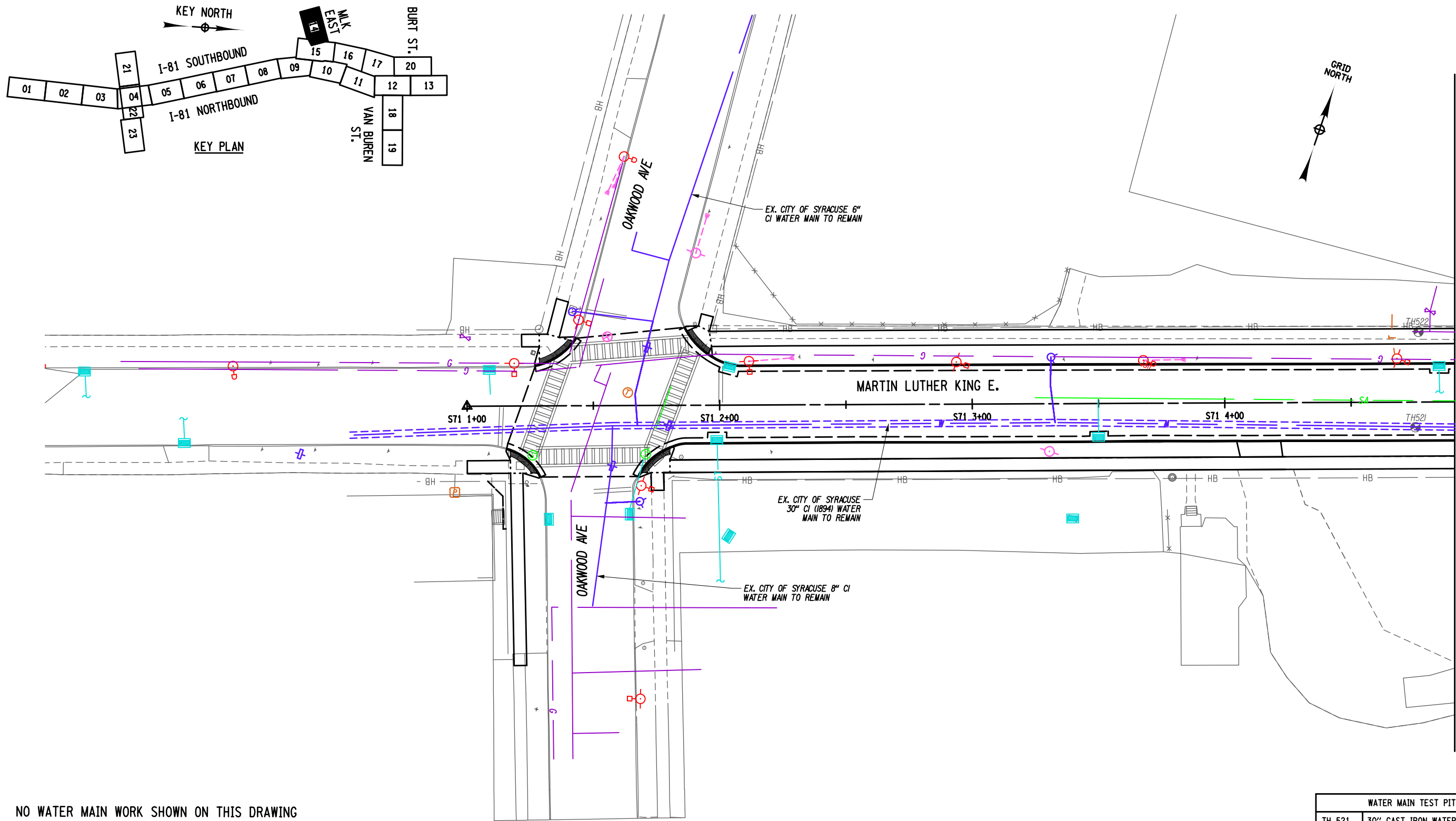
DESIGN N. LAMBROS

CHECK R. ROMAN

DRAFTING N. LAMBROS

CHECK R. ROMAN

PROJECT MANAGER R. ROMAN



NO WATER MAIN WORK SHOWN ON THIS DRAWING

AFFIX SEAL: HARDESTY & HANOVER, LLC
ON: 03/28/2024

ALTERED BY:
ON:

LEGEND:

EX. CHILLED WATER PIPE

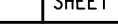
PROP. ABANDON/REMOVE

EX. STEAM PIPE

UCW

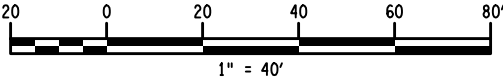
AK

UST

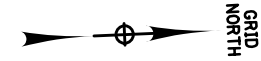
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5		PIN 3501.94	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED		CONTRACT NUMBER D265478	
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1					PROPOSED WATER MAIN PLAN - 14		DRAWING NO. WMP-14	
	CITY OF SYRACUSE								
	COUNTY: ONONDAGA REGION: 03								
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.									
								 Department of Transportation	

- NOTES:
- REFER TO GENERAL UTILITY NOTES SHEET (WMN-01) FOR ADDITIONAL INFORMATION.
 - REFER TO DRAWINGS WMPR-01 TO WMPR-07 FOR WATER MAIN PROFILES.

WATER MAIN TEST PIT DATA	
TH 521	30" CAST IRON WATER MAIN (5.20' COVER)



MATCH TO SHEET WMP-15



LEGEND:

EX. CHILLED WATER PIPE	 UCW
PROP. ABANDON/REMOVE	 IK
EX. STEAM PIPE	 UST

ALTERED BY:
ON:



FILE NAME = 350194_cph_gmp_01.dgn
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USER = nlambros

DESIGN SUPERVISOR D. DENICA

JOB MANAGER C. JENNE

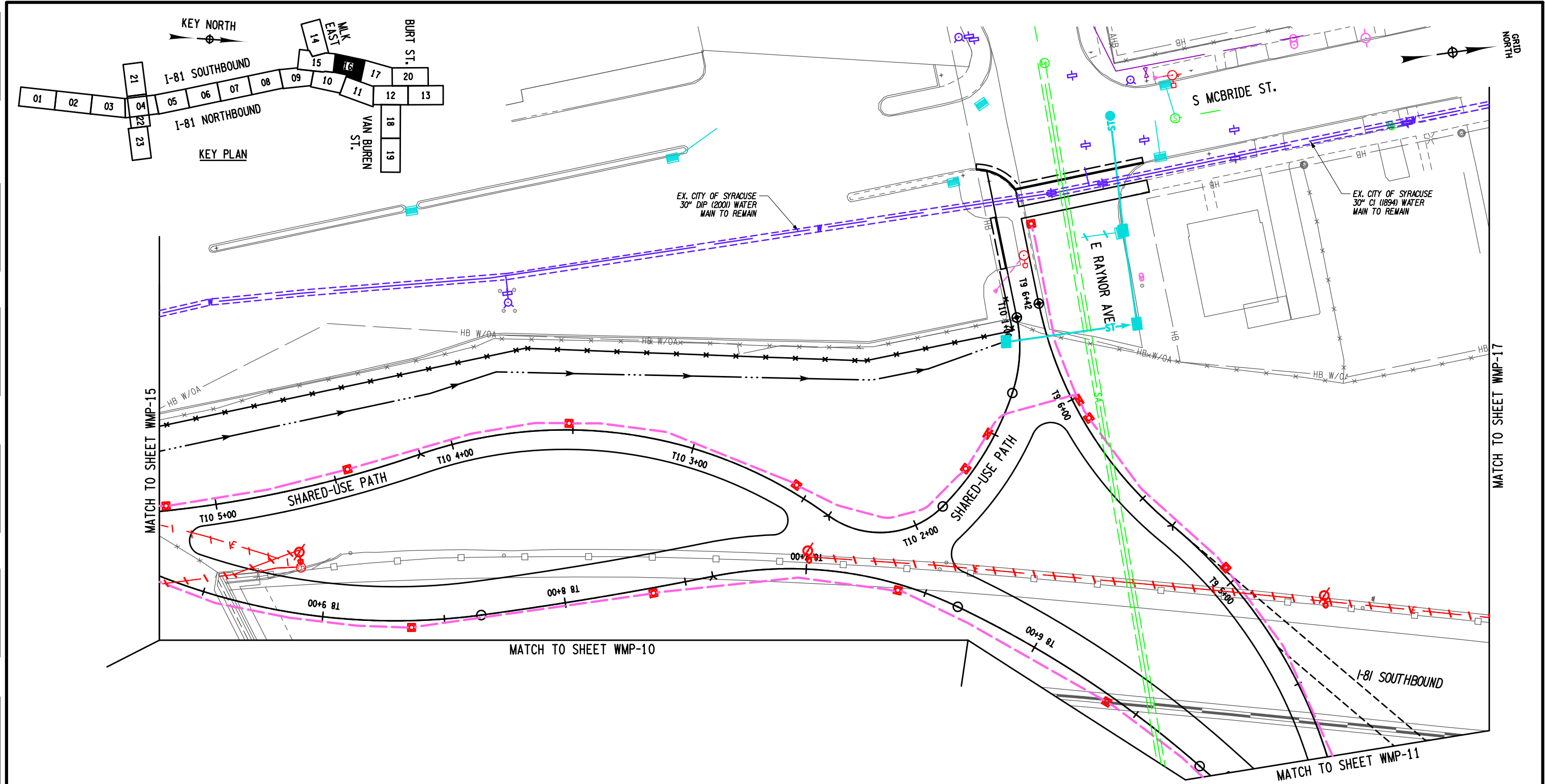
DESIGN N. LAMBROS

CHECK R. ROMAN

DRAFTING N. LAMBROS

CHECK R. ROMAN

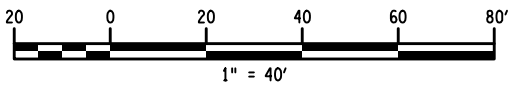
PROJECT MANAGER R. ROMAN



NO WATER MAIN WORK SHOWN ON THIS DRAWING

AFFIX SEAL: HARDESTY & HANOVER, LLC ON: 03/28/2024		ALTERED BY: ON:	
		LEGEND: EX. CHILLED WATER PIPE (UCW) PROP. ABANDON/REMOVE (UR) EX. STEAM PIPE (UST)	
		AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	

NOTES: 1. REFER TO GENERAL UTILITY NOTES SHEET (WMN-01) FOR ADDITIONAL INFORMATION. 2. REFER TO DWGS. WMPR-01 TO WMPR-07 FOR WATER MAIN PROFILES.		I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5		PIN 3501.94	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED		CONTRACT NUMBER D265478	
		BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1					PROPOSED WATER MAIN PLAN - 16		DRAWING NO. WMP-16 SHEET NO. 663	
CITY OF SYRACUSE		COUNTY: ONONDAGA		REGION: 03		I-81 VIADUCT PROJECT - PHASE 1 CONTRACT 5				
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.										



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DESIGN SUPERVISOR D. DENICA

JOB MANAGER C. JENNE

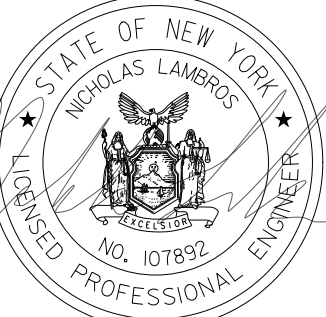
DESIGN N. LAMBROS

CHECK R. ROMAN

DRAFTING N. LAMBROS

CHECK R. ROMAN

PROJECT MANAGER R. ROMAN

AFFIX SEAL: HARDESTY & HANOVER, LLC ON: 03/28/2024		ALTERED BY: ON:	
		LEGEND: EX. CHILLED WATER PIPE ——— UCN ——— PROP. ABANDON/REMOVE ——— MK ——— EX. STEAM PIPE ——— UST ———	
		AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	

EX. CHILLED WATER PIPE ——— UCN ———
PROP. ABANDON/REMOVE ——— MK ———
EX. STEAM PIPE ——— UST ———

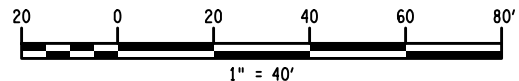
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1
	CITY OF SYRACUSE
	COUNTY: ONONDAGA REGION: 03

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

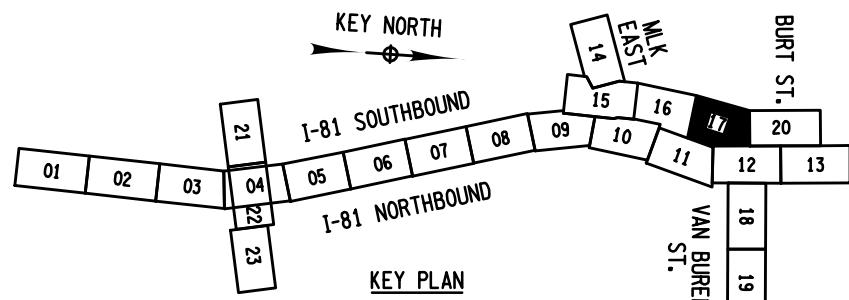
I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	PIN 3501.94	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A
BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1	UTILITY QUALITY LEVEL VARIES, SEE SUPPLEMENTAL INFORMATION		
CITY OF SYRACUSE			
COUNTY: ONONDAGA REGION: 03			

PIN 3501.94	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A
UTILITY QUALITY LEVEL VARIES, SEE SUPPLEMENTAL INFORMATION		

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
PROPOSED WATER MAIN PLAN - 17	DRAWING NO. WMP-17
I-81 VIADUCT PROJECT - PHASE 1 CONTRACT 5	SHEET NO. 664



- NOTES:
- REFER TO GENERAL UTILITY NOTES SHEET (WMN-01) FOR ADDITIONAL INFORMATION.
 - REFER TO DWGS. WMPR-01 TO WMPR-07 FOR WATER MAIN PROFILES.
 - THE CASING PIPE SHALL BE BAR STEEL CASING PIPE AMERICAN PETROLEUM INSTITUTE (API) 5L GRADE B SEAMLESS, ELECTRIC WELDED PIPE OR APPROVED EQUAL. THE PIPE WALL THICKNESS SHALL BE SCHEDULE 40 OR AS DIRECTED BY THE ENGINEER. THE PIPE ENDS SHALL BE PREPARED FOR BUTT WELDING AND BEVELED AT 37 1/2 DEGREES. CASING SPACERS SHALL BE SPREAD AS PER MANUFACTURER'S RECOMMENDATION.

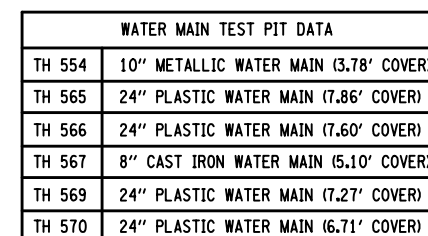


MATCH TO SHEET WMP-16

MATCH TO SHEET WMP-11

MATCH TO SHEET WMP-12

MATCH TO SHEET WMP-20



1. REFER TO GENERAL UTILITY NOTES SHEET (WMN-01) FOR ADDITIONAL INFORMATION.
2. REFER TO DWGS. WMPR-01 TO WMPR-07 FOR WATER MAIN PROFILES.

LEGEND:

EX. CHILLED WATER PIPE	 UCW
PROP. ABANDON/REMOVE	 IK
EX. STEAM PIPE	 UST

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	
BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1	
CITY OF SYRACUSE	
COUNTY: ONONDAGA	REGION: 03

PIN	3501.94
-----	---------

UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES
103156B
1031559
1031569
2208620
7706370

CULVERTS	
N/A	

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

PROPOSED WATER MAIN PLAN - 18

I-81 VIADUCT PROJECT - PHASE 1
CONTRACT 5

CONTRACT NUMBER
D265478

DRAWING NO. WMP-18
SHEET NO. 665

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Department of
Transportation

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USER = nlambros

DESIGN SUPERVISOR D. DENICA

JOB MANAGER C. JENNE

DESIGN N. LAMBROS

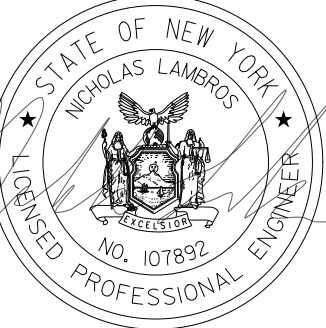
CHECK R. ROMAN

DRAFTING N. LAMBROS

CHECK R. ROMAN

PROJECT MANAGER R. ROMAN

AFFIX SEAL: HARDESTY & HANOVER, LLC
ON: 03/28/2024



ALTERED BY:
ON:

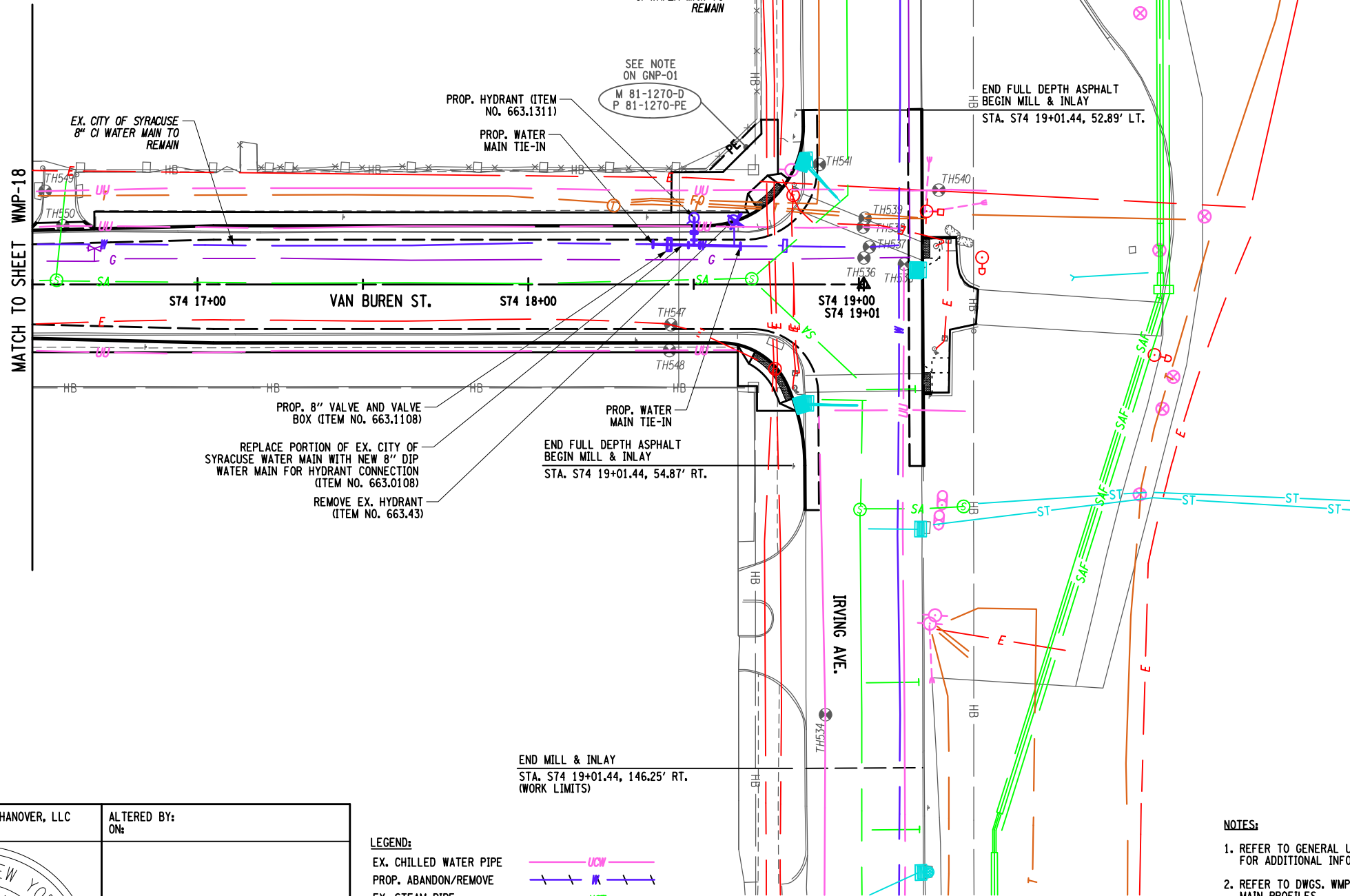
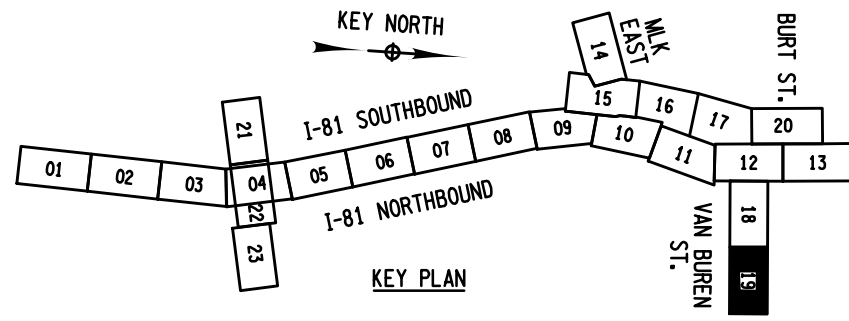
LEGEND:
EX. CHILLED WATER PIPE
PROP. ABANDON/REMOVE
EX. STEAM PIPE

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1
	CITY OF SYRACUSE
	COUNTY: ONONDAGA REGION: 03
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.	

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	
BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1	
CITY OF SYRACUSE	
COUNTY: ONONDAGA REGION: 03	

PIN 3501.94	BRIDGES 103156B 1031559 1031569 2208620 7706370
UTILITY QUALITY LEVEL VARIES, SEE SUPPLEMENTAL INFORMATION	CULVERTS N/A

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
	DRAWING NO. WMP-19 SHEET NO. 666
	I-81 VIADUCT PROJECT - PHASE 1 CONTRACT 5



END MILL & INLAY
STA. S74 19+01.44, 145.63' LT.
(WORK LIMITS)

EX. CITY OF SYRACUSE 10" CI WATER MAIN TO REMAIN

PROP. HYDRANT (ITEM NO. 663.1311)
PROP. WATER MAIN TIE-IN

SEE NOTE ON GNP-01
M 81-1270-D
P 81-1270-PE

END FULL DEPTH ASPHALT
BEGIN MILL & INLAY
STA. S74 19+01.44, 52.89' LT.

EX. CITY OF SYRACUSE 8" CI WATER MAIN TO REMAIN

PROP. 8" VALVE AND VALVE BOX (ITEM NO. 663.1108)

REPLACE PORTION OF EX. CITY OF SYRACUSE WATER MAIN WITH NEW 8" DIP WATER MAIN FOR HYDRANT CONNECTION (ITEM NO. 663.0108)

REMOVE EX. HYDRANT (ITEM NO. 663.43)

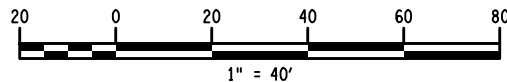
END FULL DEPTH ASPHALT
BEGIN MILL & INLAY
STA. S74 19+01.44, 54.87' RT.

END MILL & INLAY
STA. S74 19+01.44, 146.25' RT.
(WORK LIMITS)

NOTES:

- REFER TO GENERAL UTILITY NOTES SHEET (WMN-01) FOR ADDITIONAL INFORMATION.
- REFER TO DWGS. WMPR-01 TO WMPR-07 FOR WATER MAIN PROFILES.

WATER MAIN TEST PIT DATA	
TH 537	8" METALLIC WATER MAIN (4.90' COVER)



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DESIGN SUPERVISOR D. DENICA

JOB MANAGER C. JENNE

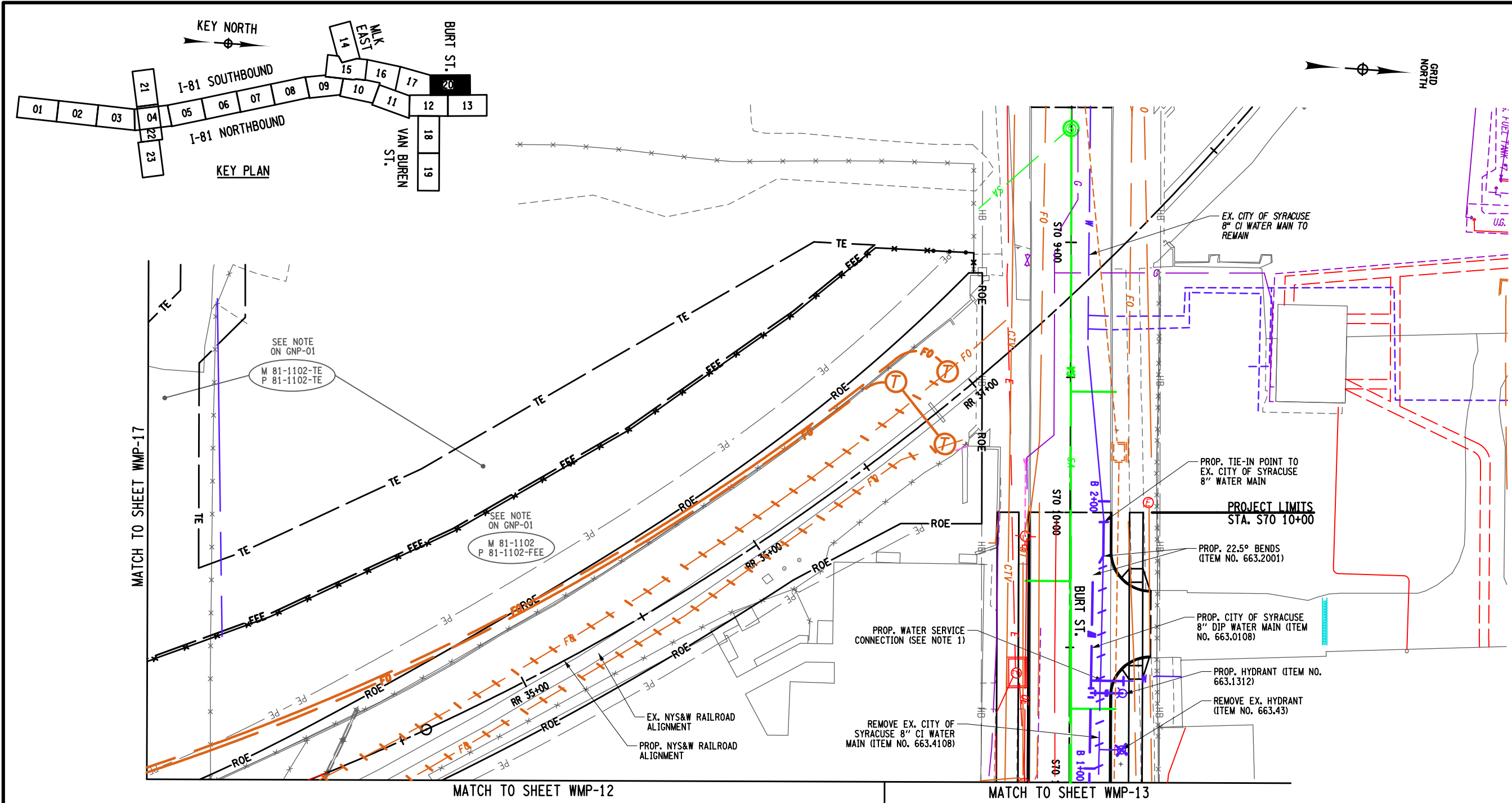
DESIGN N. LAMBROS

CHECK R. ROMAN

DRAFTING N. LAMBROS

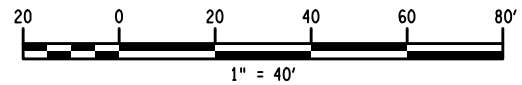
CHECK R. ROMAN

PROJECT MANAGER R. ROMAN



NOTES:

1. REFER TO GENERAL UTILITY NOTES SHEET (WMN-01) FOR ADDITIONAL INFORMATION.
2. REFER TO DWGS. WMN-01 TO WMN-07 FOR WATER MAIN PROFILES.



AFFIX SEAL: HARDESTY & HANOVER, LLC
ON: 03/28/2024

ALTERED BY:
ON:

LEGEND:

EX. CHILLED WATER PIPE	UCW
PROP. ABANDON/REMOVE	UK
EX. STEAM PIPE	UST

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1
	CITY OF SYRACUSE
	COUNTY: ONONDAGA REGION: 03

PIN 3501.94	BRIDGES 103156B 1031559 1031569 2208620 7706370
UTILITY QUALITY LEVEL VARIES, SEE SUPPLEMENTAL INFORMATION	CULVERTS N/A

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
PROPOSED WATER MAIN PLAN - 20	DRAWING NO. WMP-20 SHEET NO. 667

I-81 VIADUCT PROJECT - PHASE 1 CONTRACT 5	CONTRACT NUMBER D265478
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IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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USER = nlambros

DESIGN SUPERVISOR D. DELUCA

JOB MANAGER C. JENNE

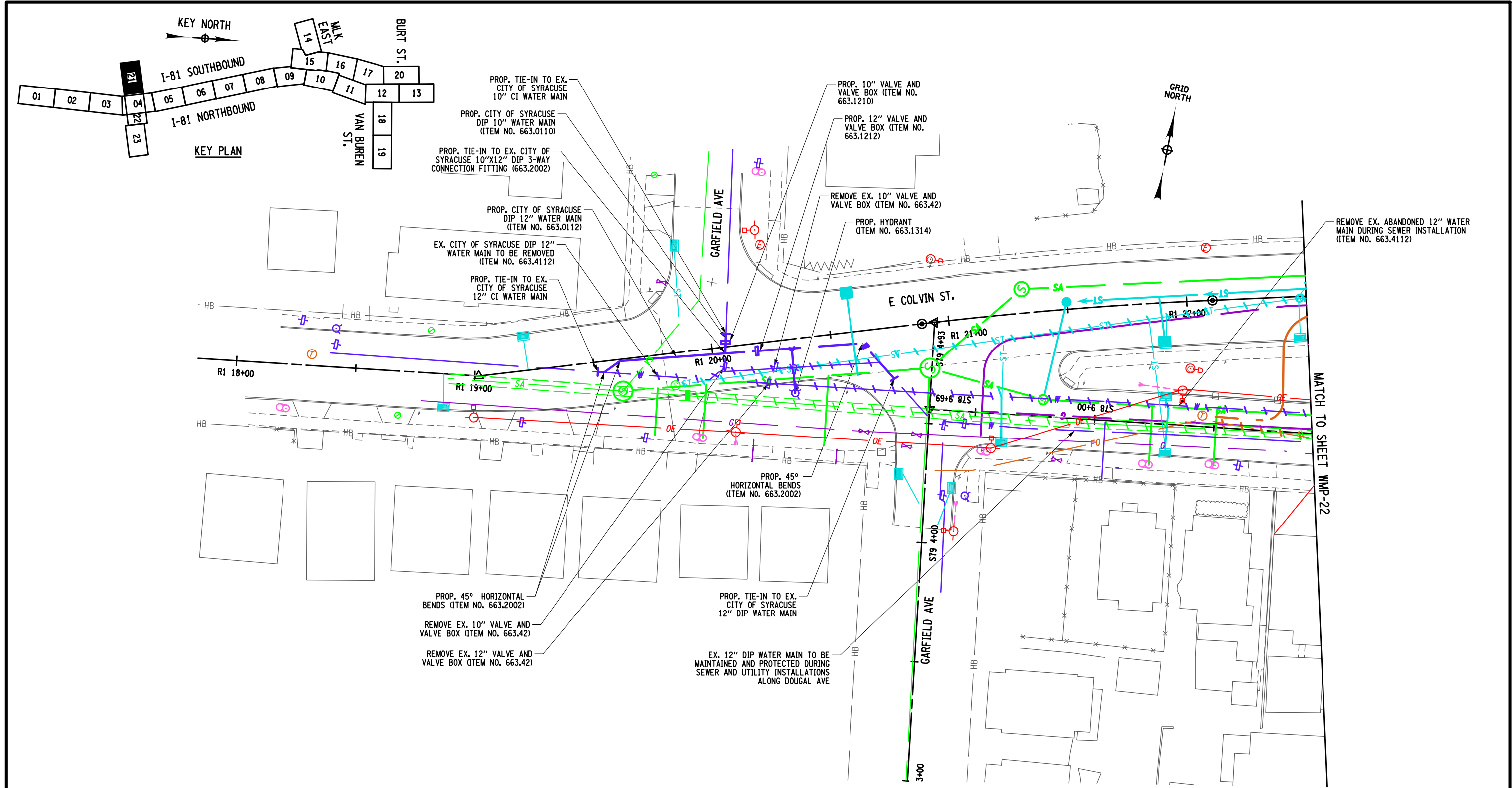
DESIGN N. LAMBROS

CHECK R. ROMAN

DRAFTING N. LAMBROS

CHECK R. ROMAN

PROJECT MANAGER R. ROMAN



AFFIX SEAL: HARDESTY & HANOVER, LLC
ON:

ALTERED BY:
ON:

- LEGEND:
- EX. CHILLED WATER PIPE ——— UCH
 - PROP. ABANDON/REMOVE ——— M ———
 - EX. STEAM PIPE ——— UST

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	PIN 3501.94 UTILITY QUALITY LEVEL VARIES, SEE SUPPLEMENTAL INFORMATION	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478	
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1				PROPOSED WATER MAIN PLAN - 21	DRAWING NO. WMP-21	
	CITY OF SYRACUSE						
	COUNTY: ONONDAGA REGION: 03						
I-81 VIADUCT PROJECT - PHASE 1 CONTRACT 5							SHEET NO. 668
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.							Department of Transportation

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DESIGN SUPERVISOR D. DENICA

JOB MANAGER C. JENNE

DESIGN N. LAMBROS

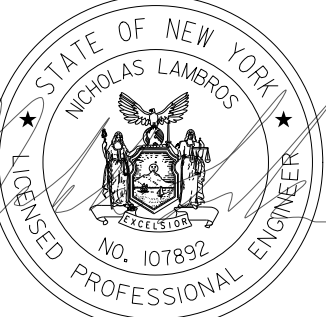
CHECK R. ROMAN

DRAFTING N. LAMBROS

CHECK R. ROMAN

PROJECT MANAGER R. ROMAN

AFFIX SEAL: HARDESTY & HANOVER, LLC
ON: 03/28/2024



ALTERED BY:
ON:

LEGEND:
EX. CHILLED WATER PIPE — UCN —
PROP. ABANDON/REMOVE — X —
EX. STEAM PIPE — UST —

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

WATER MAIN TEST PIT DATA	
TH 1758	12" CI WATER MAIN (4.65' COVER)
TH 1775	12" CI WATER MAIN (3.24' COVER)

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	
BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1	
CITY OF SYRACUSE	
COUNTY: ONONDAGA	REGION: 03

PIN 3501.94
UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES
103156B
1031559
1031569
2208620
7706370

CULVERTS
N/A

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

PROPOSED WATER MAIN PLAN - 22

I-81 VIADUCT PROJECT - PHASE 1
CONTRACT 5

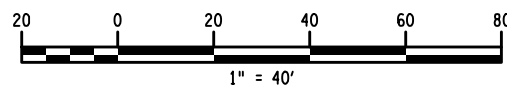
CONTRACT NUMBER
D265478

DRAWING NO. WMP-22
SHEET NO. 669

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

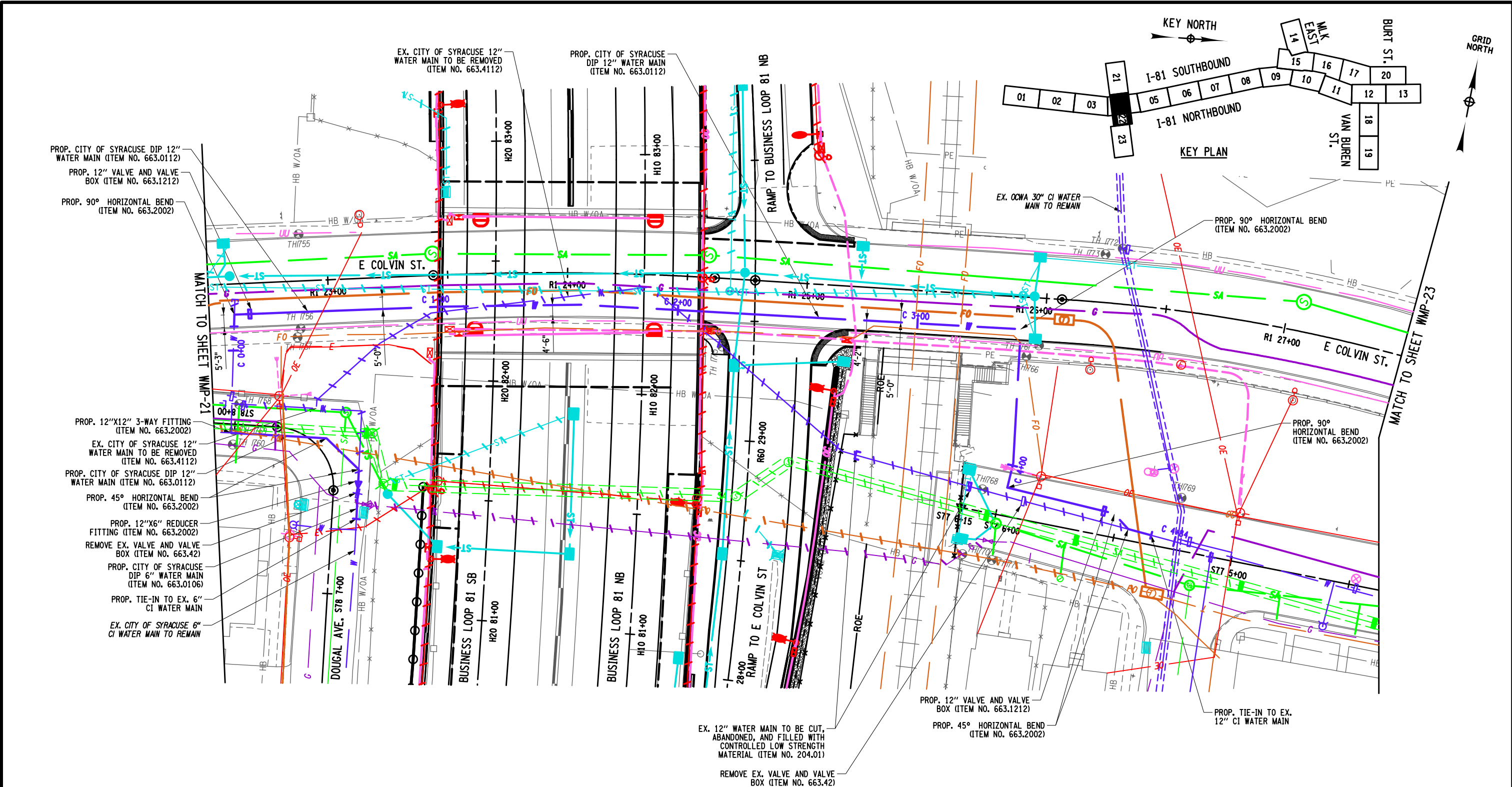


Department of
Transportation



NOTES:

1. REFER TO GENERAL UTILITY NOTES SHEET (WMN-01) FOR ADDITIONAL INFORMATION.
2. REFER TO DWGS. WMPR-01 TO WMPR-07 FOR WATER MAIN PROFILES.



FILE NAME = 350194.cph_gmp_03.dgn
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DESIGN SUPERVISOR D. DENICA

JOB MANAGER C. JENNE

DESIGN N. LAMBROS

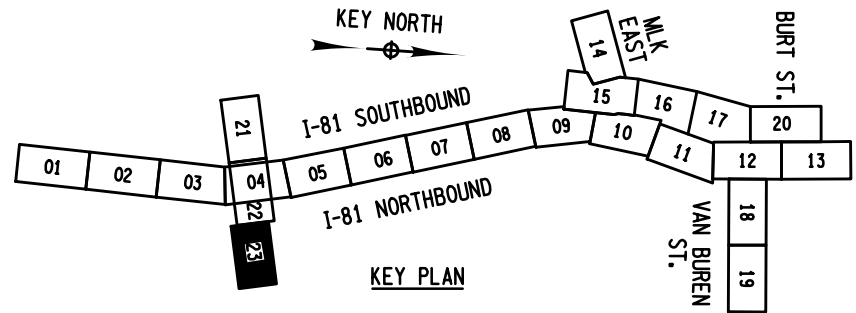
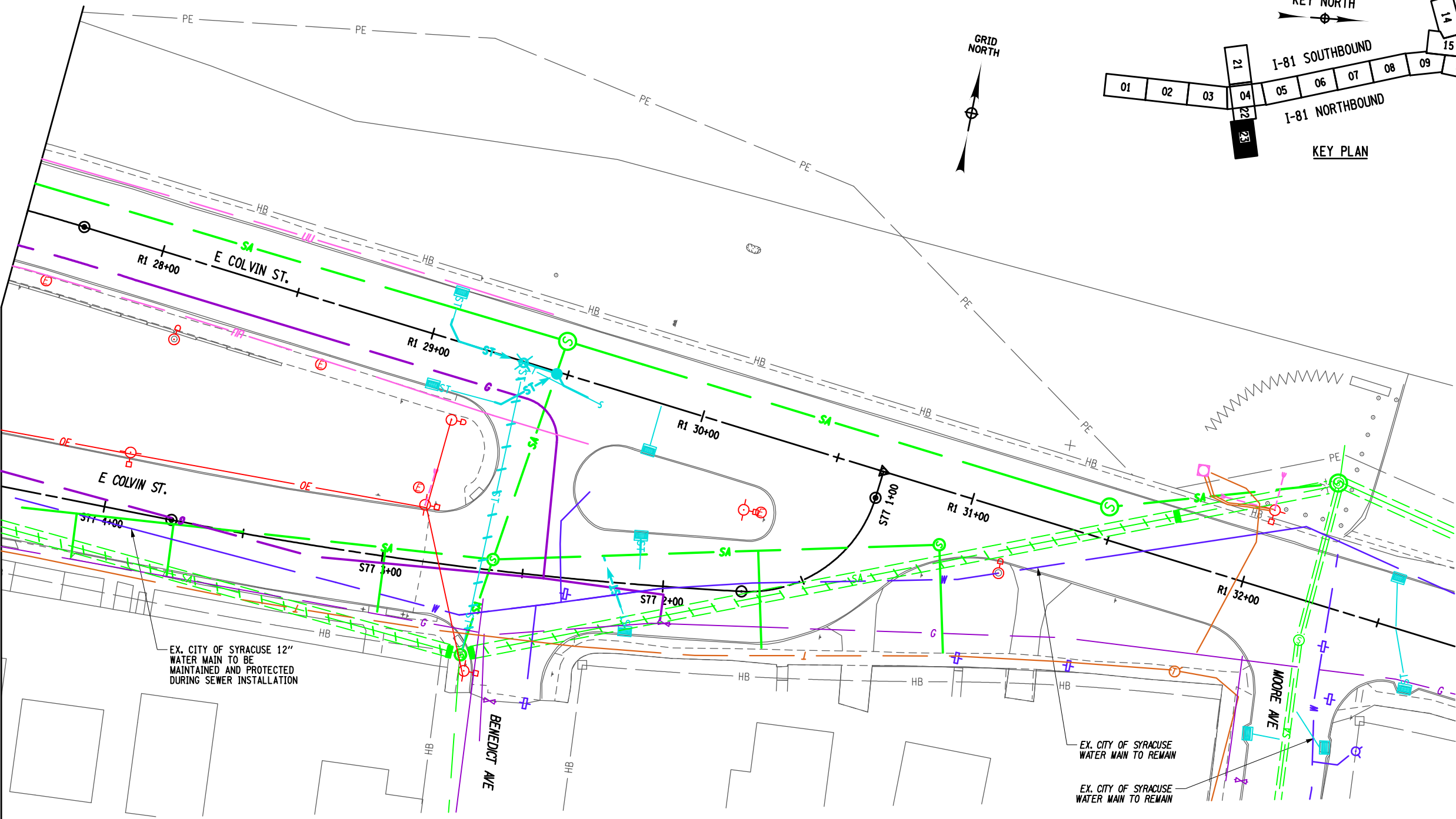
CHECK R. ROMAN

DRAFTING N. LAMBROS

CHECK R. ROMAN

PROJECT MANAGER R. ROMAN

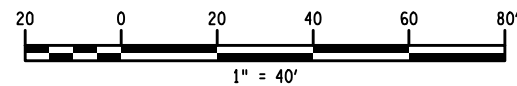
MATCH TO SHEET WMP-22



NO WATER MAIN WORK SHOWN ON THIS DRAWING

NOTES:

1. REFER TO GENERAL UTILITY NOTES SHEET (WMN-01) FOR ADDITIONAL INFORMATION.
2. REFER TO DWGS. WMPR-01 TO WMPR-07 FOR WATER MAIN PROFILES.



AFFIX SEAL: HARDESTY & HANOVER, LLC
ON: 03/28/2024

ALTERED BY:
ON:

LEGEND:

- EX. CHILLED WATER PIPE — UCW —
PROP. ABANDON/REMOVE — —
EX. STEAM PIPE — UST —

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5
BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1
CITY OF SYRACUSE
COUNTY: ONONDAGA REGION: 03

PIN 3501.94

UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES
103156B
1031559
1031569
2208620
7706370

CULVERTS
N/A

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

PROPOSED WATER MAIN PLAN - 23

I-81 VIADUCT PROJECT - PHASE 1
CONTRACT 5

CONTRACT NUMBER
D265478

DRAWING NO. WMP-23
SHEET NO. 670

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



Department of
Transportation

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DESIGN SUPERVISOR D. DENICA

JOB MANAGER C. JENNE

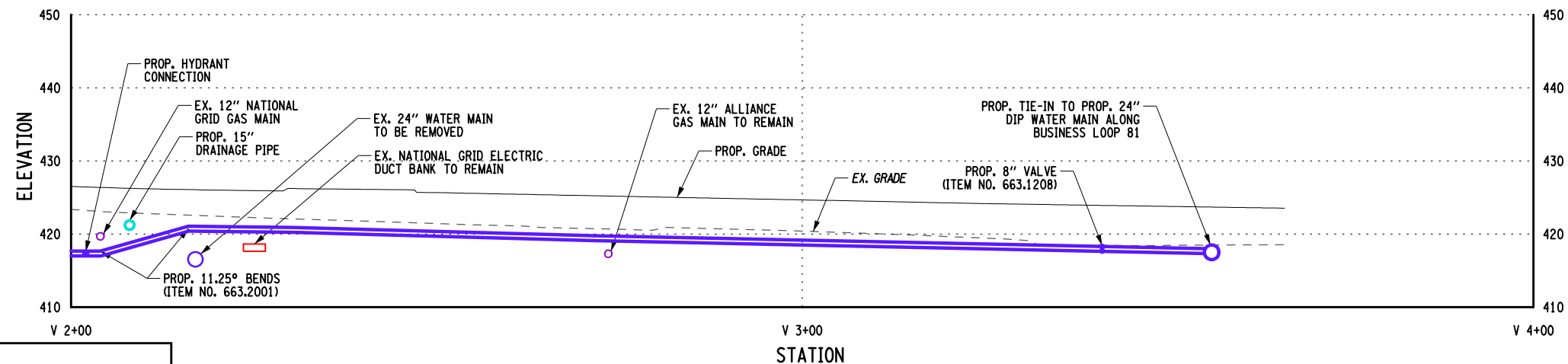
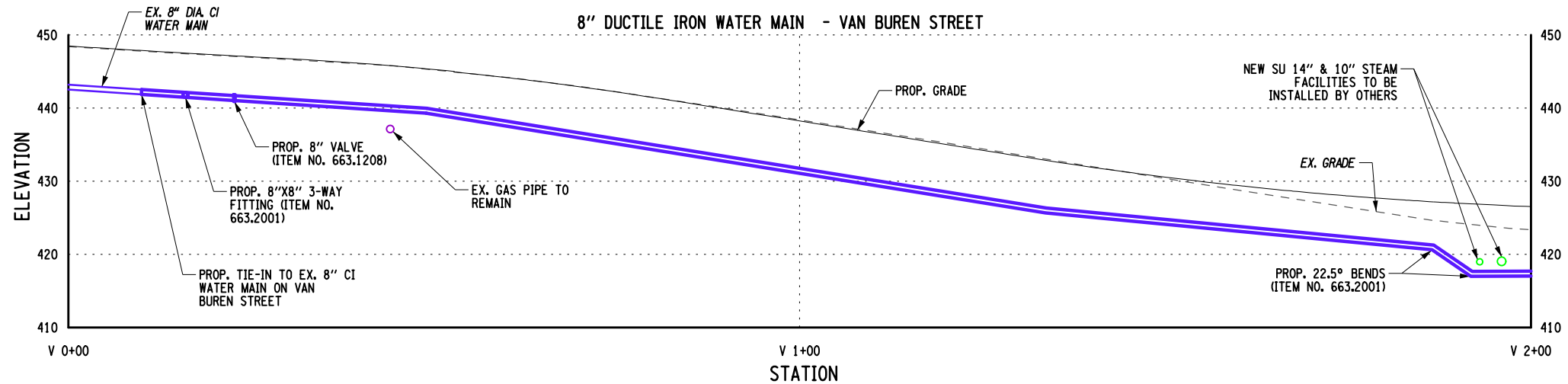
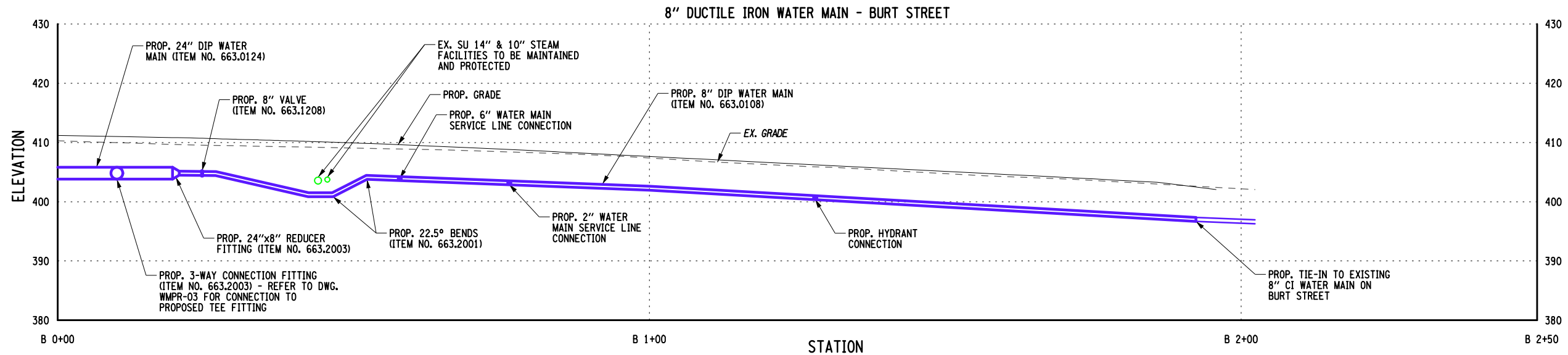
DESIGN N. LAMBROS

CHECK R. ROMAN

DRAFTING N. LAMBROS

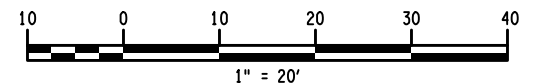
CHECK R. ROMAN

PROJECT MANAGER R. ROMAN



NOTES:

1. REFER TO GENERAL UTILITY NOTES SHEET (WMN-01) FOR ADDITIONAL INFORMATION.
2. REFER TO DWG. WMP-12, WMP-13, AND WMP-18 FOR WATER MAIN ALIGNMENTS.



AFFIX SEAL: HARDESTY & HANOVER, LLC ON: 03/28/2024	ALTERED BY: ON:
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AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	PIN 3501.94 UTILITY QUALITY LEVEL VARIES, SEE SUPPLEMENTAL INFORMATION	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1					
	CITY OF SYRACUSE					
	COUNTY: ONONDAGA REGION: 03					
					WATER MAIN PROFILE - 01 BURT STREET & VAN BUREN STREET I-81 VIADUCT PROJECT - PHASE 1 CONTRACT 5	DRAWING NO. WMPR-01 SHEET NO. 671
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						
						 Department of Transportation

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DESIGN SUPERVISOR D. DENICA

JOB MANAGER C. JENNE

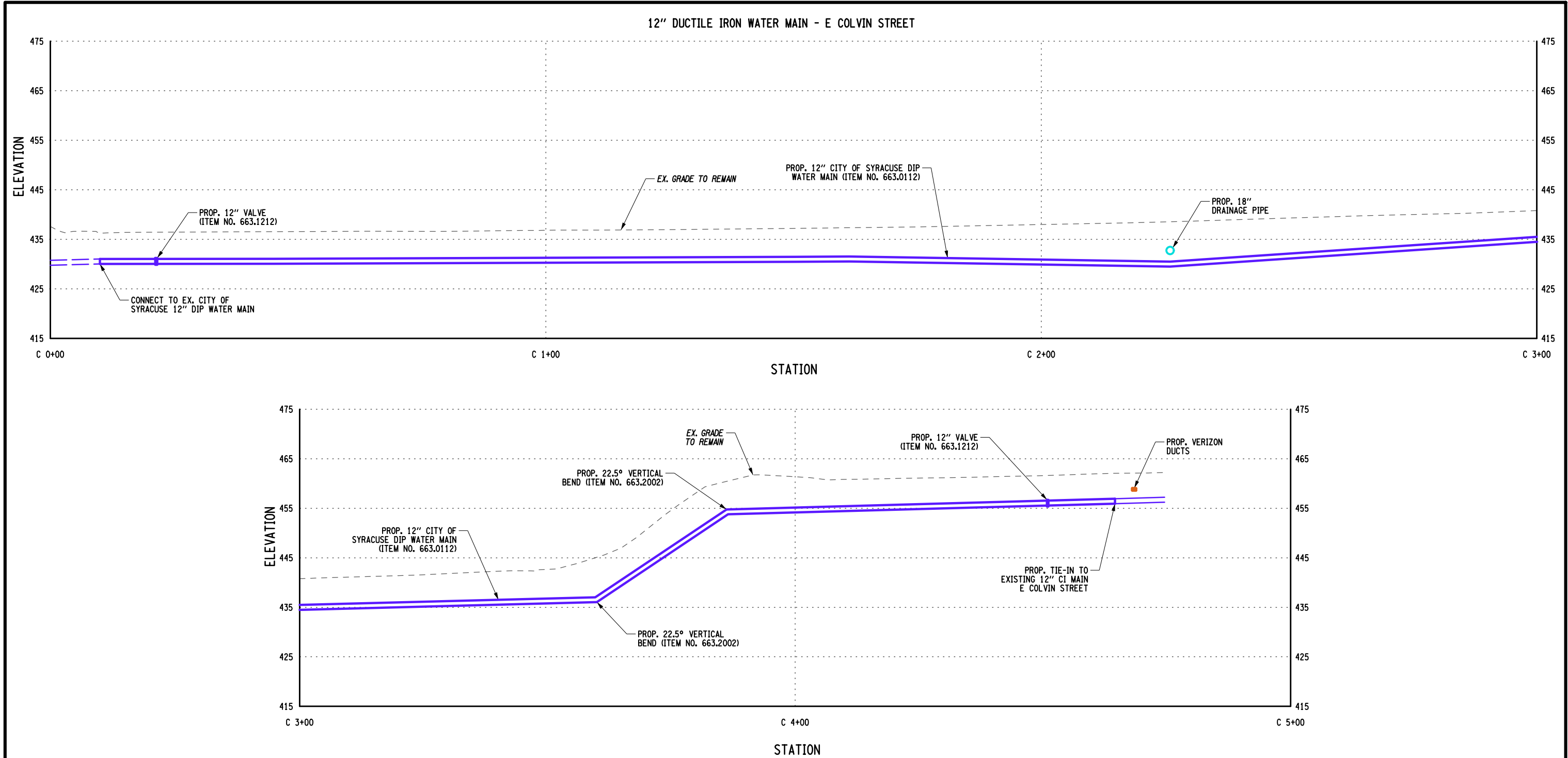
DESIGN N. LAMBROS

CHECK R. ROMAN

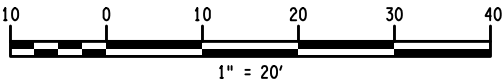
DRAFTING N. LAMBROS

CHECK R. ROMAN

PROJECT MANAGER R. ROMAN

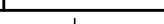


- NOTES:
- REFER TO GENERAL UTILITY NOTES SHEET (WMN-01) FOR ADDITIONAL INFORMATION.
 - REFER TO DWG. WMP-04 AND WMP-22 FOR WATER MAIN ALIGNMENT.



AFFIX SEAL: HARDESTY & HANOVER, LLC ON: 03/28/2024	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	PIN 3501.94 UTILITY QUALITY LEVEL VARIES, SEE SUPPLEMENTAL INFORMATION	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1					DRAWING NO. WMPR-02 SHEET NO. 672
	CITY OF SYRACUSE					
	COUNTY: ONONDAGA REGION: 03					

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.				Department of Transportation
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DESIGN SUPERVISOR D. DENICA

JOB MANAGER C. JENNE

DESIGN N. LAMBROS

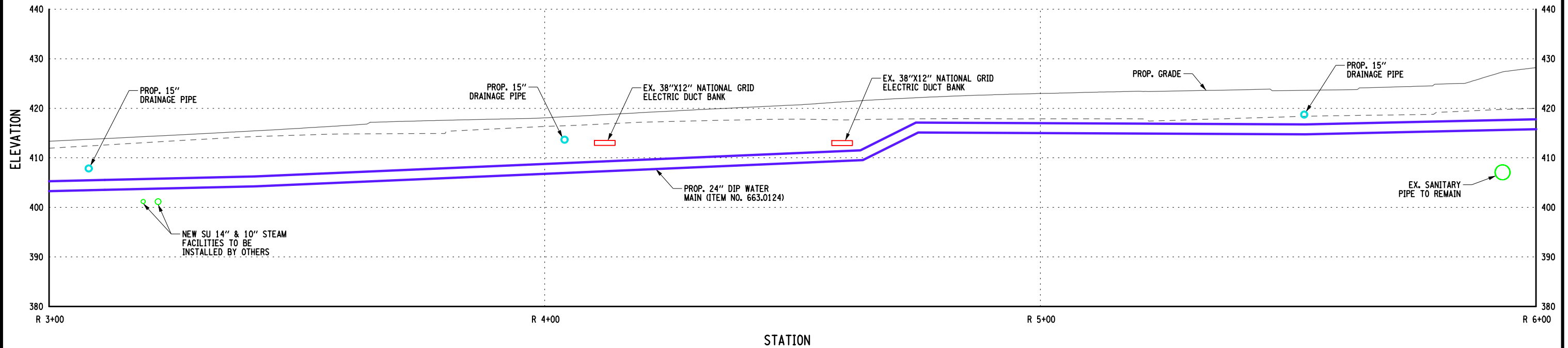
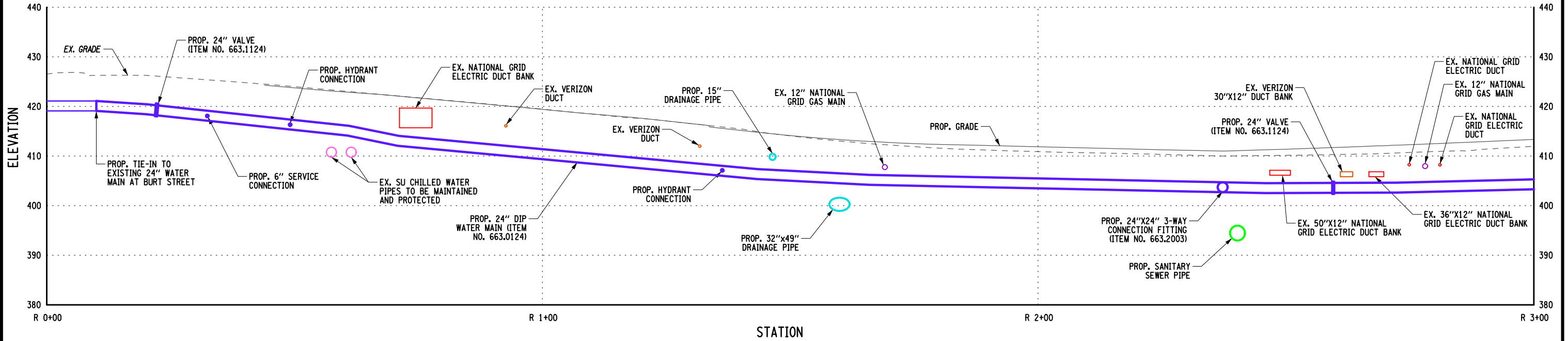
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DRAFTING N. LAMBROS

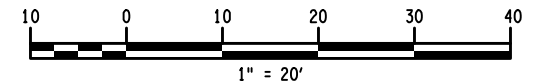
CHECK R. ROMAN

PROJECT MANAGER R. ROMAN

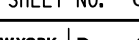
24" DUCTILE IRON WATER MAIN - SIZER STREET TO BURT STREET (1 OF 2)



- NOTES:
1. REFER TO GENERAL UTILITY NOTES SHEET (WMN-01) FOR ADDITIONAL INFORMATION.
 2. REFER TO DWG. WMPR-04 FOR CONTINUATION OF THE PROPOSED 24" DIA. DIP WATER MAIN BETWEEN SIZER STREET AND BURT STREET.



AFFIX SEAL: HARDESTY & HANOVER, LLC ON: 03/28/2024	ALTERED BY: ON:
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AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	PIN 3501.94	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478	
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1						
	CITY OF SYRACUSE						
	COUNTY: ONONDAGA REGION: 03						
					WATER MAIN PROFILE - 03 24" PIPE - BURST ST. & ROUNDABOUT I-81 VIADUCT PROJECT - PHASE 1 CONTRACT 5	DRAWING NO. WMPR-03 SHEET NO. 673	
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.							
						 NEW YORK STATE OF OPPORTUNITY.	Department of Transportation

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DESIGN SUPERVISOR D. DENICA

JOB MANAGER C. JENNE

DESIGN N. LAMBROS

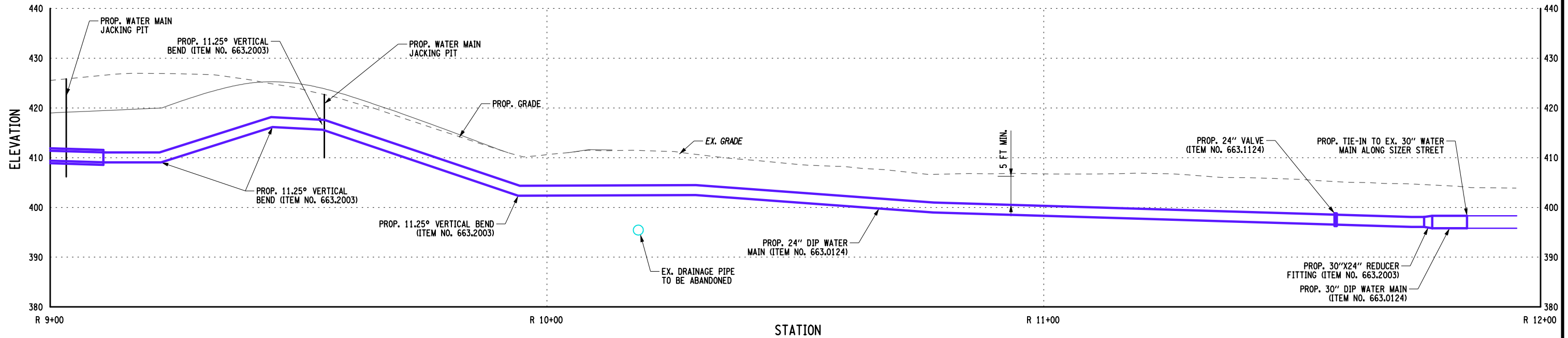
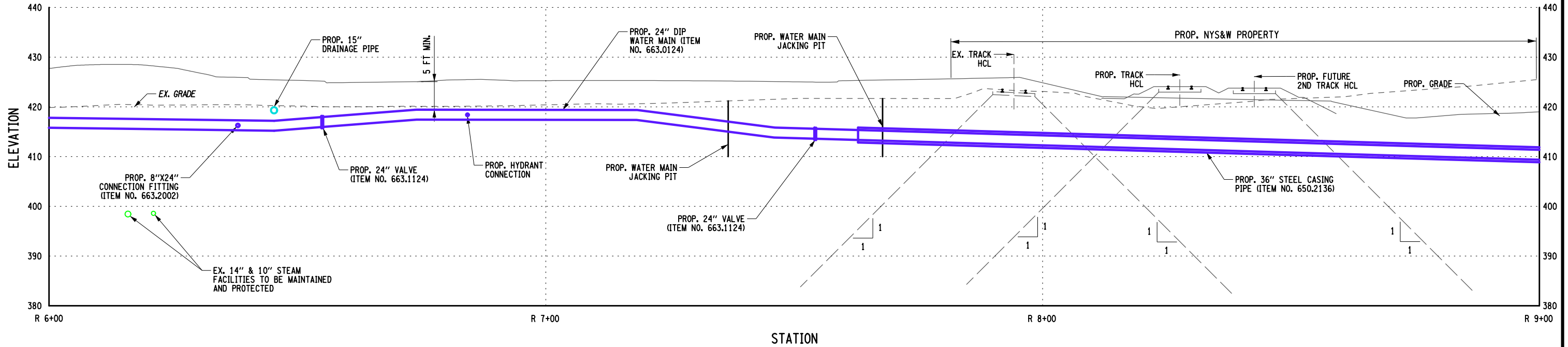
CHECK R. ROMAN

DRAFTING N. LAMBROS

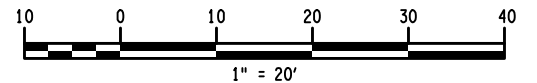
CHECK R. ROMAN

PROJECT MANAGER R. ROMAN

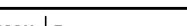
24" DUCTILE IRON WATER MAIN - SIZER STREET TO BURT STREET (2 OF 2)



- NOTES:
1. REFER TO GENERAL UTILITY NOTES SHEET (WMN-01) FOR ADDITIONAL INFORMATION.
 2. REFER TO DWG. WMPR-03 FOR CONTINUATION OF THE PROPOSED 24" DIA. DIP WATER MAIN BETWEEN SIZER STREET AND BURT STREET.
 3. WATER MAIN PROFILE UNDER THE NYS&W (RAILROAD) PROPERTY HAS BEEN GENERATED LOOKING SOUTH.



AFFIX SEAL: HARDESTY & HANOVER, LLC ON: 03/28/2024	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	PIN 3501.94	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1					
	CITY OF SYRACUSE					
	COUNTY: ONONDAGA REGION: 03					
WATER MAIN PROFILE - 04 24" PIPE - ROUNDABOUT & SIZER ST. I-81 VIADUCT PROJECT - PHASE 1 CONTRACT 5						DRAWING NO. WMPR-04 SHEET NO. 674
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						
						 Department of Transportation

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DESIGN SUPERVISOR D. DELUCA

JOB MANAGER C. JENNE

DESIGN N. LAMBROS

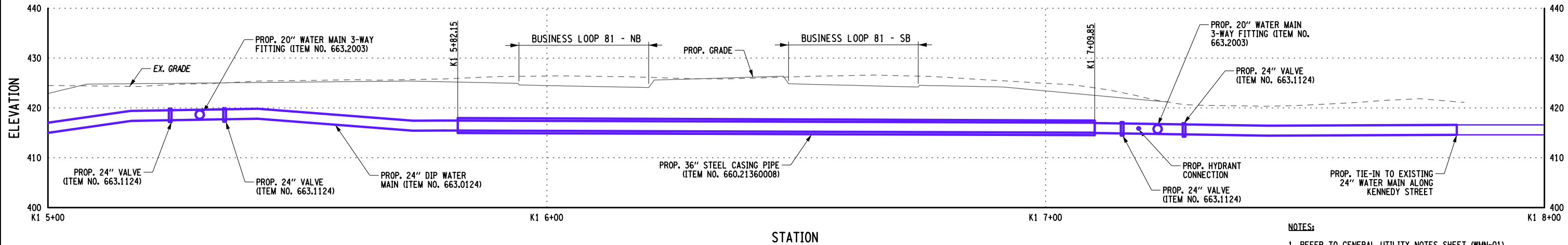
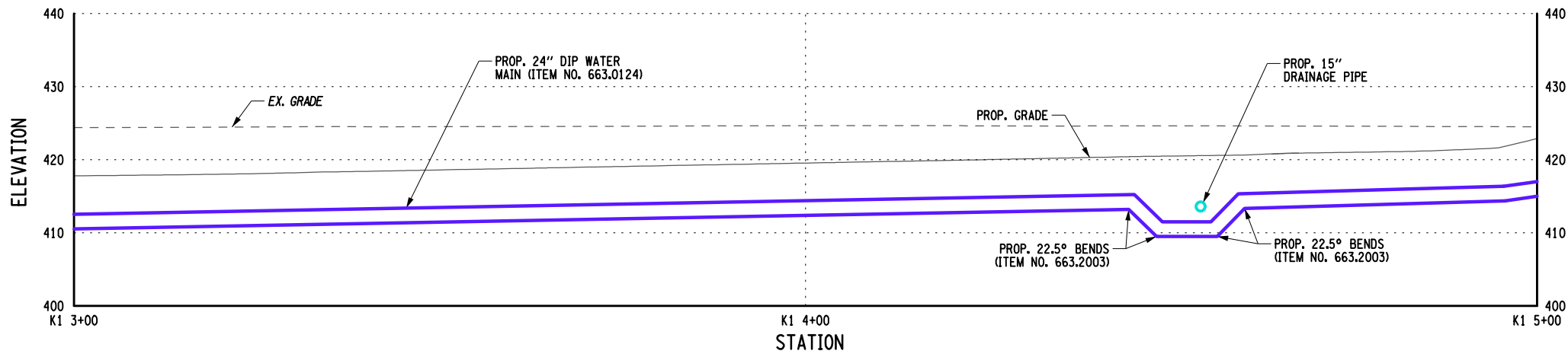
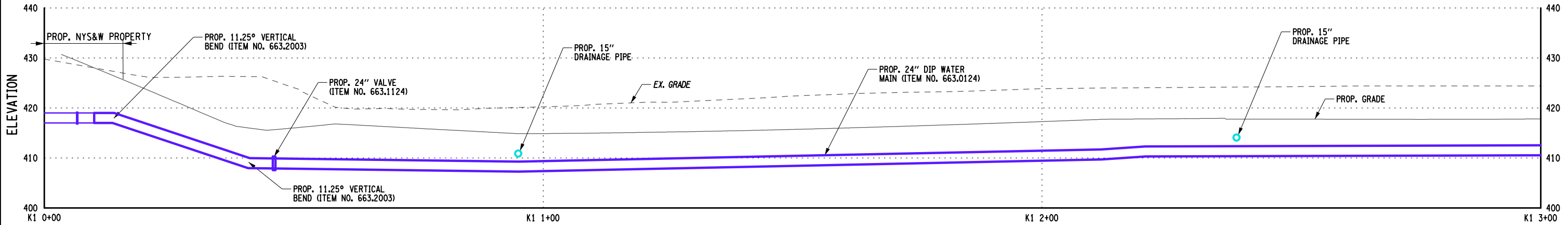
CHECK R. ROMAN

DRAFTING N. LAMBROS

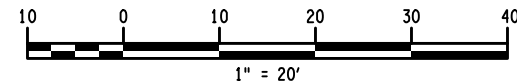
CHECK R. ROMAN

PROJECT MANAGER R. ROMAN

24" DUCTILE IRON WATER MAIN - KENNEDY STREET

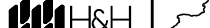
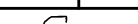


- NOTES:
1. REFER TO GENERAL UTILITY NOTES SHEET (WMN-01) FOR ADDITIONAL INFORMATION.
 2. REFER TO DWG. WMP-08 AND WMP-09 FOR WATER MAIN ALIGNMENT.



AFFIX SEAL: HARDESTY & HANOVER, LLC
ON: 06/06/2024

ALTERED BY:
ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	PIN 3501.94 UTILITY QUALITY LEVEL VARIES, SEE SUPPLEMENTAL INFORMATION	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1				WATER MAIN PROFILE - 05 24" PIPE - KENNEDY STREET I-81 VIADUCT PROJECT - PHASE 1 CONTRACT 5	
	CITY OF SYRACUSE					
	COUNTY: ONONDAGA REGION: 03					
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						
						 Department of Transportation

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DESIGN SUPERVISOR D. DELUCA

JOB MANAGER C. JENNE

DESIGN N. LAMBROS

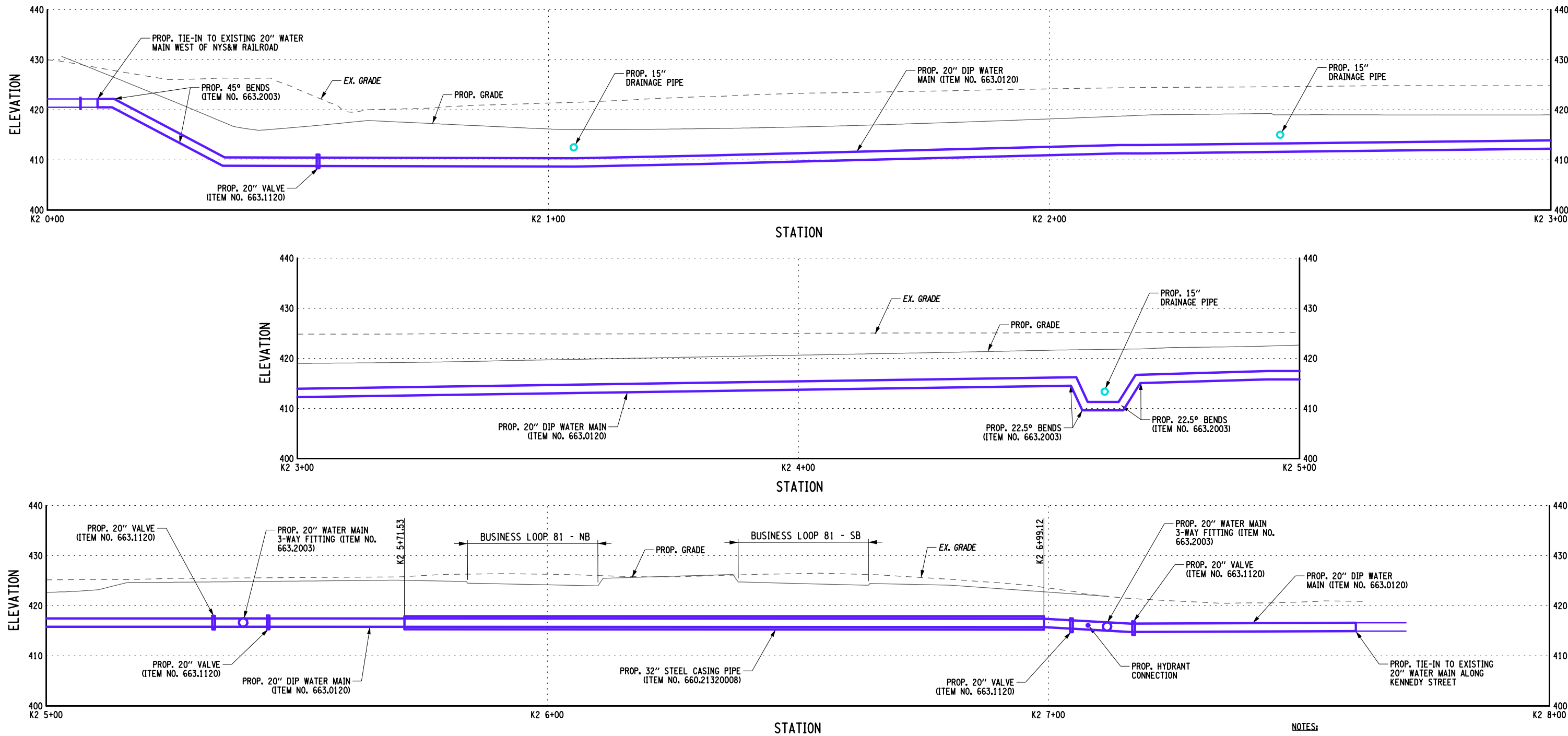
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DRAFTING N. LAMBROS

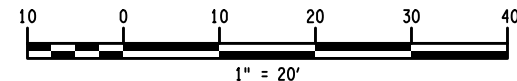
CHECK R. ROMAN

PROJECT MANAGER R. ROMAN

20" DUCTILE IRON WATER MAIN - KENNEDY STREET

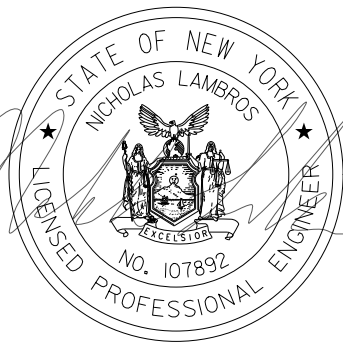


- NOTES:
- REFER TO GENERAL UTILITY NOTES SHEET (WMN-01) FOR ADDITIONAL INFORMATION.
 - REFER TO DWG. WMP-08 AND WMP-09 FOR WATER MAIN ALIGNMENT.



AFFIX SEAL: HARDESTY & HANOVER, LLC
ON: 06/06/2024

ALTERED BY:
ON:



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5
BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1
CITY OF SYRACUSE
COUNTY: ONONDAGA REGION: 03

PIN 3501.94

UTILITY QUALITY LEVEL
VARIES, SEE SUPPLEMENTAL
INFORMATION

BRIDGES
103156B
1031559
1031569
2208620
7706370

CULVERTS
N/A

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

WATER MAIN PROFILE - 06
20" PIPE - KENNEDY STREET
I-81 VIADUCT PROJECT - PHASE 1
CONTRACT 5

CONTRACT NUMBER
D265478

DRAWING NO. WMPR-06
SHEET NO. 676

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



Department of
Transportation

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DESIGN SUPERVISOR D. DELUCA

JOB MANAGER C. JENNE

DESIGN N. LAMBROS

CHECK R. ROMAN

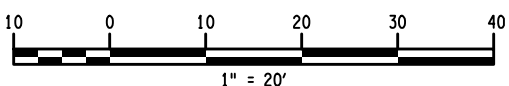
DRAFTING N. LAMBROS

CHECK R. ROMAN

PROJECT MANAGER R. ROMAN

NOTES:

1. REFER TO WATER MAIN NOTES SHEET (WMN-01) FOR ADDITIONAL INFORMATION.
2. PROPOSED 30" VALVE IS THE DEMARCATION POINT BETWEEN THE CITY OF SYRACUSE AND OCWA WATER MAIN OWNERSHIP.
3. REFER TO DWG. WMP-09 AND WMP-10 FOR WATER MAIN ALIGNMENT.

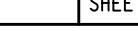
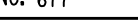


AFFIX SEAL: HARDESTY & HANOVER, LLC
ON: 01/03/2024

NICHOLAS LAMBROS
LICENSED PROFESSIONAL ENGINEER
NO. 107892

ALTERED BY:
ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT PROJECT - (COMMUNITY GRID) - CONTRACT 5	PIN 3501.94 UTILITY QUALITY LEVEL VARIES, SEE SUPPLEMENTAL INFORMATION	BRIDGES 103156B 1031559 1031569 2208620 7706370	CULVERTS N/A	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D265478
	BUSINESS LOOP 81 SOUTHERN SECTION - PHASE 1					
	CITY OF SYRACUSE				WATER MAIN PROFILE - 07 30" PIPE - MARTIN LUTHER KING E. I-81 VIADUCT PROJECT - PHASE 1 CONTRACT 5	DRAWING NO. WMPR-07 SHEET NO. 677
	COUNTY: ONONDAGA REGION: 03					

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.							
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30" DUCTILE IRON WATER MAIN - MLK EAST

