

BU-15 - ROADWAY & PAVEMENT, KINGSBURY RUN TO END PROJECT  
...\\BU-15\96833\_GTO15.dgn 1/2/2020 3:35:26 PM Gregory.Hertler



LOCATION MAP

LATITUDE: 41°29'08" LONGITUDE: 81°37'22"



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

OH-10


DESIGN DESIGNATION

CURRENT ADT (2017)	35,820
DESIGN YEAR ADT (2020)	48,230
DESIGN HOURLY VOLUME (2020)	3,580
DIRECTIONAL DISTRIBUTION	58%
TRUCKS (24 HOUR B&C)	6%
DESIGN SPEED	40 MPH
LEGAL SPEED	35 MPH
DESIGN FUNCTIONAL CLASSIFICATION	URBAN PRINCIPAL ARTERIAL
NHS PROJECT	NO

FOR DESIGN DESIGNATION DATA FOR ADDITIONAL ROADWAYS, SEE SHEET 11

DESIGN EXCEPTIONS

NONE

<b>UNDERGROUND UTILITIES</b>	
CONTACT BOTH SERVICES TWO WORKING DAYS BEFORE YOU DIG.	
 OHIO Utilities Protection SERVICE (Non-members must be called directly)	Call Before You Dig 1-800-362-2764
OIL & GAS PRODUCERS UNDERGROUND PROTECTION SERVICE 1-800-925-0988	



Kokosing | Michael Baker | Richland Engineering | Brownstone Grey

ENGINEERS SEAL:



SIGNED: *Sean milroy*  
DATE: 06/13/2019

ENGINEERS SEAL:

SIGNED: \_\_\_\_\_  
DATE: \_\_\_\_\_

STATE OF OHIO  
DEPARTMENT OF TRANSPORTATION  
**CUY-IR490/ SR010-2.09 / 19.28**  
CITY OF CLEVELAND  
CUYAHOGA COUNTY

INDEX OF SHEETS:

SEE SHEET 2

**BU-15**  
**ROADWAY AND PAVEMENT:**  
**KINGSBURY RUN TO END PROJECT**

PLAN PREPARED BY:

**Michael Baker**

INTERNATIONAL

1111 SUPERIOR AVENUE EAST, SUITE 2300  
CLEVELAND, OHIO 44114

ODOT STANDARD CONSTRUCTION DRAWINGS						CITY OF CLEVELAND STANDARD CONSTRUCTION DRAWINGS						ODOT SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
BP-1.1	07/28/00	MGS-1.1	07/19/13	CB-1.1	01/15/16	CONC-1	07/08/08	A-503	07/08/08	800	07/15/16		
BP-2.1	07/17/15	MGS-2.1	07/19/13	CB-2.1	01/15/16	ASPH-1	07/08/08	A-605	07/08/08	840	04/15/16		
BP-2.2	07/18/08	MGS-3.1	07/18/14	CB-2.2	01/15/16	BP-1	04/14/08	A-695	07/08/08	875	01/17/14		
BP-3.1	07/18/14	MGS-3.2	01/18/13			PR-1	08/03/09	MB-1C	04/08/08	878	07/15/16		
BP-4.1	07/19/13	MGS-4.2	07/19/13	MH-1.1	01/15/16	CR-1	12/08/09						
BP-5.1	07/19/13	MGS-5.2	07/15/16	MH-3.1	01/18/13	CD-1	12/03/09						
BP-7.1	07/18/14	MGS-5.3	07/15/16			146-ME	07/08/08						
BP-9.1	07/19/13	MGS-6.1	07/19/13	DM-1.2	01/18/13	MH-1	07/08/08						
				DM-4.1	01/15/16	CB-1	07/08/08						
F-1.1	07/19/13			DM-4.3	01/15/16								
F-3.1	07/19/13	RM-1.1	07/18/14										
F-3.4	07/19/13	RM-4.3	07/18/14										
		RM-4.5	07/18/14										
		RM-4.6	07/19/13										
		RM-6.1	07/18/14										

PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF THE CONSTRUCTION OF 2.09 MILES OF A NEW TWO- TO THREE-LANE BOULEVARD FROM E. 55TH ST. TO E. 93RD ST. WORK INCLUDES PAVEMENT, RAILROAD, STRUCTURES, DRAINAGE, WATERWORK, LIGHTING, POWER DISTRIBUTION, TRAFFIC CONTROL, LANDSCAPING, AND ADJUSTMENT OF EXISTING UTILITIES.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 87.2 ACRES  
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0 ACRES  
NOTICE OF INTENT EARTH DISTURBED AREA: 87.2 ACRES  
(AREA SERVICED BY COMBINED SEWER)

2016 SPECIFICATIONS

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

1	2020-01-03	DC027
0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
ISSUE RECORD		

FEDERAL PROJECT NO.

E140 (249)

PID NO.

96833

CONSTRUCTION PROJECT NO.

17-3000

RAILROAD INVOLVEMENT

NORFOLK SOUTHERN  
GCRTA

CUY-IR490/ SR010-

2.09 / 19.28

1

437

RECORD PLANS

RECORD PLANS

RECORD PLANS

ISSUE NO.	RECORD DATE	PAGE NO.	SHEET TITLE
1	2020-01-03	1	TITLE SHEET
13	2024-09-10	2	INDEX OF SHEETS (1 OF 4)
7	2024-09-10	3	INDEX OF SHEETS (2 OF 4)
3	2024-09-10	4	INDEX OF SHEETS (3 OF 4)
7	2024-09-10	5	INDEX OF SHEETS (4 OF 4)
1	2024-09-10	6	SCHEMATIC PLAN - O.C. BLVD.: BEGIN PROJECT TO STA. 128+00.00
1	2024-09-10	7	SCHEMATIC PLAN - O.C. BLVD.: STA. 128+00.00 TO STA. 155+00.00
1	2024-09-10	8	SCHEMATIC PLAN - O.C. BLVD.: STA. 155+00.00 TO STA. 177+00.00
1	2024-09-10	9	SCHEMATIC PLAN - O.C. BLVD.: STA. 177+00.00 TO STA. 202+00.00
1	2024-09-10	10	SCHEMATIC PLAN - O.C. BLVD.: STA. 202+00.00 TO END PROJECT
1	2024-09-10	11	DESIGN DESIGNATIONS AND MONUMENTATION
0	2019-06-13	12	CENTERLINE REFERENCE TIES
1	2019-10-21	13	CENTERLINE REFERENCE TIES
0	2019-06-13	14	EXISTING TYPICAL SECTIONS
0	2019-06-13	15	EXISTING TYPICAL SECTIONS
0	2019-06-13	16	EXISTING TYPICAL SECTIONS
0	2019-06-13	17	EXISTING TYPICAL SECTIONS
0	2019-06-13	18	EXISTING TYPICAL SECTIONS
0	2019-06-13	19	PROPOSED TYPICAL SECTIONS
0	2019-06-13	20	PROPOSED TYPICAL SECTIONS
0	2019-06-13	21	PROPOSED TYPICAL SECTIONS
0	2019-06-13	22	PROPOSED TYPICAL SECTIONS
1	2020-06-19	23	PROPOSED TYPICAL SECTIONS
1	2020-06-19	24	PROPOSED TYPICAL SECTIONS
1	2020-06-19	25	PROPOSED TYPICAL SECTIONS
1	2020-06-19	26	PROPOSED TYPICAL SECTIONS
1	2020-06-19	27	PROPOSED TYPICAL SECTIONS
2	2024-09-10	28	PROPOSED TYPICAL SECTIONS
1	2024-09-10	29	PROPOSED TYPICAL SECTIONS
1	2024-09-10	30	PROPOSED SUBGRADE TREATMENT
0	2019-06-13	31	GENERAL NOTES (1 OF 6)
2	2020-01-03	32	GENERAL NOTES (2 OF 6)
0	2019-06-13	33	GENERAL NOTES (3 OF 6)
1	2020-02-17	34	GENERAL NOTES (4 OF 6)
0	2019-06-13	35	GENERAL NOTES (5 OF 6)
0	2019-06-13	36	GENERAL NOTES (6 OF 6)
2	2024-09-10	37	PLAN - OPPORTUNITY CORRIDOR BLVD.: BEGIN TO STA. 144+00.00
1	2024-09-10	38	PROFILE - OPPORTUNITY CORRIDOR BLVD.: BEGIN TO STA. 144+00.00
3	2024-09-10	39	PLAN - OPPORTUNITY CORRIDOR BLVD.: STA. 144+00.00 TO STA. 149+00.00
1	2024-09-10	40	PROFILE - OPPORTUNITY CORRIDOR BLVD.: STA. 144+00.00 TO STA. 149+00.00
2	2024-09-10	41	PLAN - OPPORTUNITY CORRIDOR BLVD.: STA. 149+00.00 TO STA. 154+00.00
1	2024-09-10	42	PROFILE - OPPORTUNITY CORRIDOR BLVD.: STA. 149+00.00 TO STA. 154+00.00
2	2024-09-10	43	PLAN - OPPORTUNITY CORRIDOR BLVD.: STA. 154+00.00 TO STA. 159+00.00
1	2024-09-10	44	PROFILE - OPPORTUNITY CORRIDOR BLVD.: STA. 154+00.00 TO STA. 159+00.00
4	2024-09-10	45	PLAN - OPPORTUNITY CORRIDOR BLVD.: STA. 159+00.00 TO STA. 164+00.00
0	2019-06-13	46	PROFILE - OPPORTUNITY CORRIDOR BLVD.: STA. 159+00.00 TO STA. 164+00.00
5	2024-09-10	47	PLAN - OPPORTUNITY CORRIDOR BLVD.: STA. 164+00.00 TO STA. 169+00.00
3	2024-09-10	48	PROFILE - OPPORTUNITY CORRIDOR BLVD.: STA. 164+00.00 TO STA. 169+00.00
2	2024-09-10	49	PLAN - OPPORTUNITY CORRIDOR BLVD.: STA. 169+00.00 TO STA. 174+00.00
1	2024-09-10	50	PROFILE - OPPORTUNITY CORRIDOR BLVD.: STA. 169+00.00 TO STA. 174+00.00
2	2024-09-10	51	PLAN - OPPORTUNITY CORRIDOR BLVD.: STA. 174+00.00 TO STA. 179+00.00
0	2019-06-13	52	PROFILE - OPPORTUNITY CORRIDOR BLVD.: STA. 174+00.00 TO STA. 179+00.00
1	2024-09-10	53	PLAN - OPPORTUNITY CORRIDOR BLVD.: STA. 179+00.00 TO STA. 184+00.00
1	2024-09-10	54	PROFILE - OPPORTUNITY CORRIDOR BLVD.: STA. 179+00.00 TO STA. 184+00.00
3	2024-09-10	55	PLAN - OPPORTUNITY CORRIDOR BLVD.: STA. 184+00.00 TO STA. 189+00.00

ISSUE NO.	RECORD DATE	PAGE NO.	SHEET TITLE
1	2024-09-10	56	PROFILE - OPPORTUNITY CORRIDOR BLVD.: STA. 184+00.00 TO STA. 189+00.00
3	2024-09-10	57	PLAN - OPPORTUNITY CORRIDOR BLVD.: STA. 189+00.00 TO STA. 194+00.00
1	2024-09-10	58	PROFILE - OPPORTUNITY CORRIDOR BLVD.: STA. 189+00.00 TO STA. 194+00.00
1	2024-09-10	59	PLAN - OPPORTUNITY CORRIDOR BLVD.: STA. 194+00.00 TO STA. 198+00.00
1	2024-09-10	60	PROFILE - OPPORTUNITY CORRIDOR BLVD.: STA. 194+00.00 TO STA. 198+00.00
1	2024-09-10	61	PLAN - OPPORTUNITY CORRIDOR BLVD.: STA. 198+00.00 TO STA. 203+00.00
1	2024-09-10	62	PROFILE - OPPORTUNITY CORRIDOR BLVD.: STA. 98+00.00 TO STA. 103+00.00
1	2024-09-10	63	PLAN - OPPORTUNITY CORRIDOR BLVD.: STA. 203+00.00 TO STA. 208+00.00
1	2024-09-10	64	PROFILE - OPPORTUNITY CORRIDOR BLVD.: STA. 203+00.00 TO STA. 208+00.00
2	2024-09-10	65	PLAN - OPPORTUNITY CORRIDOR BLVD.: STA. 208+00.00 TO STA. 213+00.00
1	2024-09-10	66	PROFILE - OPPORTUNITY CORRIDOR BLVD.: STA. 208+00.00 TO STA. 213+00.00
1	2024-09-10	67	PLAN - OPPORTUNITY CORRIDOR BLVD.: STA. 213+00.00 TO STA. 218+00.00
1	2024-09-10	68	PROFILE - OPPORTUNITY CORRIDOR BLVD.: STA. 213+00.00 TO STA. 218+00.00
1	2024-09-10	69	PLAN - OPPORTUNITY CORRIDOR BLVD.: STA. 218+00.00 TO END
1	2024-09-10	70	PROFILE - OPPORTUNITY CORRIDOR BLVD.: STA. 218+00.00 TO END
0	2019-06-13	71	PLAN - KINSMAN RD.: BEGIN TO STA. 10+50.00
0	2019-06-13	72	PROFILE - KINSMAN RD.: BEGIN TO STA. 10+50.00
2	2024-09-10	73	PLAN - KINSMAN RD.: STA. 10+50.00 TO STA. 16+00.00
1	2024-09-10	74	PROFILE - KINSMAN RD.: STA. 10+50.00 TO STA. 16+00.00
1	2024-09-10	75	PLAN - KINSMAN RD.: STA. 16+00.00 TO END
1	2024-09-10	76	PROFILE - KINSMAN RD.: STA. 16+00.00 TO END
3	2020-09-09	77	PLAN - ACCESS DRIVE: BEGIN TO STA. 8+00.00
3	2020-09-09	78	PROFILE - ACCESS DRIVE: BEGIN TO STA. 8+00.00
2	2020-06-08	79	PLAN - ACCESS DRIVE: STA. 8+00.00 TO END
2	2020-06-08	80	PROFILE - ACCESS DRIVE: STA. 8+00.00 TO END
1	2024-09-10	81	PLAN - E. 75TH ST.: BEGIN TO STA. 12+00.00
0	2019-06-13	82	PROFILE - E. 75TH ST.: BEGIN TO STA. 12+00.00
2	2024-09-10	83	PLAN - E. 75TH ST.: STA. 12+00.00 TO STA. 17+00.00
1	2024-09-10	84	PROFILE - E. 75TH ST.: STA. 12+00.00 TO STA. 17+00.00
1	2024-09-10	85	PLAN - E. 75TH ST.: STA. 17+00.00 TO END
1	2024-09-10	86	PROFILE - E. 75TH ST.: STA. 17+00.00 TO END
1	2024-09-10	87	PLAN - E. 79TH ST.: BEGIN TO STA. 16+00.00
0	2019-06-13	88	PROFILE - E. 79TH ST.: BEGIN TO STA. 16+00.00
1	2024-09-10	89	PLAN - E. 79TH ST.: STA. 16+00.00 TO STA. 21+00.00
1	2024-09-10	90	PROFILE - E. 79TH ST.: STA. 16+00.00 TO STA. 21+00.00
1	2024-09-10	91	PLAN - E. 79TH ST.: STA. 21+00.00 TO END
0	2019-06-13	92	PROFILE - E. 79TH ST.: STA. 21+00.00 TO END
1	2024-09-10	93	PLAN - RAWLINGS AVE.: BEGIN TO END
1	2024-09-10	94	PROFILE - RAWLINGS AVE.: BEGIN TO STA. 35+00.00
1	2024-09-10	95	PLAN - LISBON RD.: BEGIN TO END
1	2024-09-10	96	PROFILE - LISBON RD.: BEGIN TO END
1	2024-09-10	97	PLAN - GRAND AVE.: BEGIN TO END
0	2019-06-13	98	PROFILE - GRAND AVE.: BEGIN TO END
1	2024-09-10	99	PLAN - BUCKEYE RD.: BEGIN TO STA. 28+50.00
0	2019-06-13	100	PROFILE - BUCKEYE RD.: BEGIN TO STA. 28+50.00
0	2019-06-13	101	PLAN - BUCKEYE RD.: STA. 28+50.00 TO STA. 33+50.00
1	2024-09-10	102	PROFILE - BUCKEYE RD.: STA. 28+50.00 TO STA. 33+50.00
2	2024-09-10	103	PLAN - BUCKEYE RD.: STA. 33+50.00 TO END
1	2024-09-10	104	PROFILE - BUCKEYE RD.: STA. 33+50.00 TO END
1	2024-09-10	105	PLAN - WOODLAND AVE.: BEGIN TO STA. 30+50.00
1	2024-09-10	106	PROFILE - WOODLAND AVE.: BEGIN TO STA. 30+50.00
2	2024-09-10	107	PLAN - WOODLAND AVE.: STA. 30+50.00 TO STA. 35+50.00
1	2024-09-10	108	PROFILE - WOODLAND AVE.: STA. 30+50.00 TO STA. 35+50.00
2	2024-09-10	109	PLAN - WOODLAND AVE.: STA. 35+50.00 TO END
1	2024-09-10	110	PROFILE - WOODLAND AVE.: STA. 35+50.00 TO END

4	2019-12-04	DC024	9	2020-06-08	DC040	13	2024-09-10	RECORD DRAWINGS
3	2019-10-21	DC021	8	2020-04-17	DC038	12	2021-03-19	DC053
2	2019-08-30	DC017	7	2020-02-17	DC033	11	2020-09-09	DC046
1	2019-08-06	DC015	6	2020-01-08	DC028	10	2020-06-19	DC043
0	2019-06-13	RFC	5	2020-01-03	DC027			
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION
ISSUE RECORD			ISSUE RECORD			ISSUE RECORD		



ISSUE NO.	RECORD DATE	PAGE NO.	SHEET TITLE
1	2024-09-10	111	PLAN - E. 89TH ST. PATH: BEGIN TO STA. 26+00.00
1	2024-09-10	112	PROFILE - E. 89TH ST. PATH: BEGIN TO STA. 26+00.00
1	2024-09-10	113	PLAN - E. 89TH ST. PATH: STA. 26+00.00 TO END
0	2019-06-13	114	PROFILE - E. 89TH ST. PATH: STA. 26+00.00 TO END
1	2024-09-10	115	PLAN - E. 89TH ST / KENNEDY AVE
1	2024-09-10	116	PROFILE - E. 89TH ST / KENNEDY AVE
1	2024-09-10	117	DEMOLITION PLAN - KEY MAP (1 OF 3)
1	2024-09-10	118	DEMOLITION PLAN - KEY MAP (2 OF 3)
1	2024-09-10	119	DEMOLITION PLAN - KEY MAP (3 OF 3)
3	2024-09-10	120	DEMOLITION PLAN - KINSMAN RD. / BERWICK RD. / E. 66TH ST.
1	2024-09-10	121	DEMOLITION PLAN - KINSMAN RD. / E. 69TH ST.
1	2024-09-10	122	DEMOLITION PLAN - E. 68TH ST. / COLFAX RD.
0	2019-06-13	123	DEMOLITION PLAN - E. 71ST PL. / E. 73RD ST.
0	2019-06-13	124	DEMOLITION PLAN - GRAND AVE. / E. 75TH ST.
3	2024-09-10	125	DEMOLITION PLAN - GRAND AVE. / E. 79TH ST.
1	2019-12-04	126	DEMOLITION PLAN - GRAND AVE.
2	2024-09-10	127	DEMOLITION PLAN - GRAND AVE.
0	2019-06-13	128	DEMOLITION PLAN - RAWLINGS AVE. / E. 75TH ST.
1	2019-12-04	129	DEMOLITION PLAN - RAWLINGS AVE. / E. 79TH ST.
1	2019-12-04	130	DEMOLITION PLAN - RAWLINGS AVE.
2	2024-09-10	131	DEMOLITION PLAN - RAWLINGS AVE.
1	2024-09-10	132	DEMOLITION PLAN - HOLTON AVE. / E. 75TH ST.
1	2024-09-10	133	DEMOLITION PLAN - HOLTON AVE. / E. 79TH ST.
0	2019-06-13	134	DEMOLITION PLAN - GRAND AVE.
1	2024-09-10	135	DEMOLITION PLAN - LISBON RD. / GRAND AVE. / EVINS AVE.
2	2024-09-10	136	DEMOLITION PLAN - BUCKEYE RD.
0	2019-06-13	137	DEMOLITION PLAN - TENNYSON RD. / EVARTS RD.
1	2019-10-21	138	DEMOLITION PLAN - TENNYSON RD. / BUCKEYE RD. / E. 87TH ST.
0	2019-06-13	139	DEMOLITION PLAN - E. 89TH ST. / EVARTS RD.
0	2019-06-13	140	DEMOLITION PLAN - E. 89TH ST. / BUCKEYE RD.
1	2024-09-10	141	DEMOLITION PLAN - E. 89TH ST.
3	2024-09-10	142	DEMOLITION PLAN - WOODLAND AVE. / E. 89TH ST.
1	2024-09-10	143	DEMOLITION PLAN - WOODLAND AVE.
0	2019-06-13	144	DEMOLITION PLAN - E. 89TH ST.
1	2024-09-10	145	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 145+00.00 TO STA. 145+00.00
1	2024-09-10	146	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 145+25.00 TO STA. 145+50.00
1	2024-09-10	147	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 145+75.00 TO STA. 146+25.00
0	2019-06-13	148	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 146+50.00 TO STA. 147+00.00
1	2024-09-10	149	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 147+25.00 TO STA. 147+75.00
1	2024-09-10	150	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 148+00.00 TO STA. 148+50.00
1	2024-09-10	151	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 148+75.00 TO STA. 149+25.00
2	2024-09-10	152	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 149+50.00 TO STA. 150+00.00
2	2024-09-10	153	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 150+25.00 TO STA. 150+75.00
1	2024-09-10	154	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 151+00.00 TO STA. 151+25.00
1	2024-09-10	155	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 151+50.00 TO STA. 151+75.00
1	2024-09-10	156	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 152+00.00 TO STA. 152+25.00
1	2024-09-10	157	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 152+50.00 TO STA. 152+50.00
1	2024-09-10	158	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 152+75.00 TO STA. 153+00.00
1	2024-09-10	159	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 153+25.00 TO STA. 153+50.00
1	2024-09-10	160	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 153+75.00 TO STA. 154+00.00
1	2024-09-10	161	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 154+25.00 TO STA. 154+50.00
1	2024-09-10	162	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 154+75.00 TO STA. 155+00.00
1	2024-09-10	163	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 155+25.00 TO STA. 155+50.00
1	2024-09-10	164	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 155+75.00 TO STA. 156+00.00
0	2019-06-13	165	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 156+25.00 TO STA. 156+50.00

ISSUE NO.	RECORD DATE	PAGE NO.	SHEET TITLE
0	2019-06-13	166	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 156+75.00 TO STA. 157+00.00
0	2019-06-13	167	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 157+25.00 TO STA. 157+50.00
0	2019-06-13	168	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 161+00.00 TO STA. 161+25.00
2	2024-09-10	169	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 161+50.00 TO STA. 161+75.00
2	2020-09-09	170	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 162+00.00 TO STA. 162+25.00
2	2020-09-09	171	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 162+50.00 TO STA. 162+75.00
2	2024-09-10	172	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 163+00.00 TO STA. 163+25.00
2	2024-09-10	173	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 163+50.00 TO STA. 164+00.00
3	2024-09-10	174	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 164+25.00 TO STA. 164+75.00
3	2024-09-10	175	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 165+00.00 TO STA. 165+50.00
2	2024-09-10	176	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 165+75.00 TO STA. 166+25.00
2	2024-09-10	177	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 166+50.00 TO STA. 167+00.00
2	2024-09-10	178	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 167+25.00 TO STA. 167+75.00
2	2024-09-10	179	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 168+00.00 TO STA. 168+50.00
2	2024-09-10	180	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 168+75.00 TO STA. 169+25.00
2	2024-09-10	181	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 169+50.00 TO STA. 170+00.00
2	2024-09-10	182	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 170+25.00 TO STA. 170+75.00
1	2024-09-10	183	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 171+00.00 TO STA. 171+50.00
1	2024-09-10	184	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 171+75.00 TO STA. 172+00.00
1	2024-09-10	185	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 172+25.00 TO STA. 172+75.00
1	2024-09-10	186	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 173+00.00 TO STA. 173+50.00
1	2024-09-10	187	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 173+75.00 TO STA. 174+25.00
1	2024-09-10	188	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 174+50.00 TO STA. 175+00.00
1	2024-09-10	189	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 175+25.00 TO STA. 175+75.00
1	2024-09-10	190	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 176+00.00 TO STA. 176+50.00
1	2024-09-10	191	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 176+75.00 TO STA. 177+25.00
1	2024-09-10	192	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 177+50.00 TO STA. 178+00.00
1	2024-09-10	193	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 178+25.00 TO STA. 178+75.00
1	2024-09-10	194	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 179+00.00 TO STA. 179+50.00
1	2024-09-10	195	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 179+75.00 TO STA. 180+25.00
1	2024-09-10	196	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 180+50.00 TO STA. 181+00.00
1	2024-09-10	197	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 181+25.00 TO STA. 181+75.00
1	2024-09-10	198	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 182+00.00 TO STA. 182+50.00
1	2024-09-10	199	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 182+75.00 TO STA. 183+25.00
1	2024-09-10	200	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 183+50.00 TO STA. 183+75.00
1	2024-09-10	201	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 184+00.00 TO STA. 184+50.00
1	2024-09-10	202	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 184+75.00 TO STA. 185+25.00
1	2024-09-10	203	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 185+50.00 TO STA. 186+00.00
1	2024-09-10	204	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 186+25.00 TO STA. 186+75.00
1	2024-09-10	205	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 187+00.00 TO STA. 187+50.00
1	2024-09-10	206	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 187+75.00 TO STA. 188+25.00
1	2024-09-10	207	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 188+50.00 TO STA. 189+00.00
1	2024-09-10	208	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 189+25.00 TO STA. 189+75.00
1	2024-09-10	209	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 190+00.00 TO STA. 190+25.00
1	2024-09-10	210	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 190+50.00 TO STA. 190+75.00
1	2024-09-10	211	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 191+00.00 TO STA. 191+25.00
1	2024-09-10	212	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 191+50.00 TO STA. 192+00.00
1	2024-09-10	213	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 192+25.00 TO STA. 192+75.00
1	2024-09-10	214	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 193+00.00 TO STA. 193+50.00
1	2024-09-10	215	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 193+75.00 TO STA. 194+25.00
1	2024-09-10	216	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 194+50.00 TO STA. 194+75.00
1	2024-09-10	217	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 195+00.00 TO STA. 195+25.00
1	2024-09-10	218	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 195+50.00 TO STA. 195+75.00
1	2024-09-10	219	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 196+00.00 TO STA. 196+00.00
1	2024-09-10	220	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 196+25.00 TO STA. 196+75.00

4	2020-06-08	DC040			
3	2020-04-17	DC038			
2	2019-12-04	DC024	7	2024-09-10	RECORD DRAWINGS
1	2019-10-21	DC021	6	2021-03-19	DC053
0	2019-06-13	RFC	5	2020-09-09	DC046
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1	2024-09-10	221	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 197+00.00 TO STA. 197+50.00
1	2024-09-10	222	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 197+75.00 TO STA. 198+00.00
1	2024-09-10	223	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 198+25.00 TO STA. 198+50.00
1	2024-09-10	224	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 198+75.00 TO STA. 199+00.00
1	2024-09-10	225	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 199+25.00 TO STA. 199+50.00
1	2024-09-10	226	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 199+75.00 TO STA. 200+00.00
1	2024-09-10	227	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 200+25.00 TO STA. 200+75.00
2	2024-09-10	228	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 201+00.00 TO STA. 201+50.00
1	2024-09-10	229	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 201+75.00 TO STA. 202+25.00
1	2024-09-10	230	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 202+50.00 TO STA. 203+00.00
1	2024-09-10	231	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 203+75.00 TO STA. 203+75.00
1	2024-09-10	232	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 204+00.00 TO STA. 204+50.00
1	2024-09-10	233	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 204+75.00 TO STA. 205+25.00
1	2024-09-10	234	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 205+50.00 TO STA. 206+00.00
1	2024-09-10	235	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 206+25.00 TO STA. 206+75.00
1	2024-09-10	236	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 207+00.00 TO STA. 207+25.00
1	2024-09-10	237	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 207+50.00 TO STA. 208+00.00
1	2024-09-10	238	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 208+25.00 TO STA. 208+50.00
1	2024-09-10	239	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 208+75.00 TO STA. 209+00.00
1	2024-09-10	240	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 209+25.00 TO STA. 209+50.00
1	2024-09-10	241	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 209+75.00 TO STA. 210+00.00
1	2024-09-10	242	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 210+25.00 TO STA. 210+50.00
1	2024-09-10	243	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 210+75.00 TO STA. 211+00.00
1	2024-09-10	244	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 211+25.00 TO STA. 211+50.00
1	2024-09-10	245	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 211+75.00 TO STA. 212+00.00
1	2024-09-10	246	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 212+25.00 TO STA. 212+50.00
1	2024-09-10	247	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 212+75.00 TO STA. 213+00.00
1	2024-09-10	248	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 213+25.00 TO STA. 213+50.00
1	2024-09-10	249	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 213+75.00 TO STA. 214+00.00
1	2024-09-10	250	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 214+25.00 TO STA. 214+50.00
1	2024-09-10	251	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 214+75.00 TO STA. 215+00.00
1	2024-09-10	252	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 215+25.00 TO STA. 215+75.00
1	2024-09-10	253	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 216+00.00 TO STA. 216+50.00
1	2024-09-10	254	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 216+75.00 TO STA. 217+25.00
1	2024-09-10	255	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 217+50.00 TO STA. 218+00.00
1	2024-09-10	256	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 218+25.00 TO STA. 218+75.00
1	2024-09-10	257	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 219+00.00 TO STA. 219+50.00
0	2019-06-13	258	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.: STA. 219+75.00 TO STA. 220+00.00
2	2024-09-10	259	CROSS SECTIONS - KINSMAN RD.: STA. 11+20.90 TO STA. 11+37.15
1	2024-09-10	260	CROSS SECTIONS - KINSMAN RD.: STA. 13+86.39 TO STA. 14+00.00
0	2019-06-13	261	CROSS SECTIONS - KINSMAN RD.: STA. 14+25.00 TO STA. 14+50.00
0	2019-06-13	262	CROSS SECTIONS - KINSMAN RD.: STA. 14+75.00 TO STA. 15+00.00
1	2024-09-10	263	CROSS SECTIONS - KINSMAN RD.: STA. 15+25.00 TO STA. 15+50.00
0	2019-06-13	264	CROSS SECTIONS - KINSMAN RD.: STA. 15+75.00 TO STA. 16+00.00
0	2019-06-13	265	CROSS SECTIONS - KINSMAN RD.: STA. 16+25.00 TO STA. 16+50.00
1	2024-09-10	266	CROSS SECTIONS - KINSMAN RD.: STA. 16+75.00 TO STA. 17+00.00
1	2024-09-10	267	CROSS SECTIONS - KINSMAN RD.: STA. 17+09.10 TO STA. 17+64.91
1	2024-09-10	268	CROSS SECTIONS - KINSMAN RD.: STA. 17+75.00 TO STA. 18+00.00
1	2024-09-10	269	CROSS SECTIONS - KINSMAN RD.: STA. 18+25.00 TO STA. 18+50.00
0	2019-06-13	270	CROSS SECTIONS - KINSMAN RD.: STA. 18+75.00 TO STA. 19+05.00
0	2019-06-13	271	CROSS SECTIONS - E. 75TH ST.: STA. 13+00.00 TO STA. 13+25.00
0	2019-06-13	272	CROSS SECTIONS - E. 75TH ST.: STA. 13+58.62 TO STA. 13+75.00
0	2019-06-13	273	CROSS SECTIONS - E. 75TH ST.: STA. 14+00.00 TO STA. 14+25.00
1	2024-09-10	274	CROSS SECTIONS - E. 75TH ST.: STA. 14+50.00 TO STA. 14+75.00
1	2024-09-10	275	CROSS SECTIONS - E. 75TH ST.: STA. 15+08.23 TO STA. 17+04.77

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0	2019-06-13	276	CROSS SECTIONS - E. 75TH ST.: STA. 17+25.00 TO STA. 17+50.00
0	2019-06-13	277	CROSS SECTIONS - E. 75TH ST.: STA. 17+66.25 TO STA. 18+69.90
0	2019-06-13	278	CROSS SECTIONS - E. 75TH ST.: STA. 19+00.00 TO STA. 19+25.00
0	2019-06-13	279	CROSS SECTIONS - E. 75TH ST.: STA. 19+50.00 TO STA. 19+75.00
0	2019-06-13	280	CROSS SECTIONS - E. 75TH ST.: STA. 19+88.28 TO STA. 20+00.00
0	2019-06-13	281	CROSS SECTIONS - E. 75TH ST.: STA. 20+25.00 TO STA. 20+50.00
1	2024-09-10	282	CROSS SECTIONS - E. 79TH ST.: STA. 14+75.00 TO STA. 15+00.00
1	2024-09-10	283	CROSS SECTIONS - E. 79TH ST.: STA. 15+29.73 TO STA. 15+50.00
1	2024-09-10	284	CROSS SECTIONS - E. 79TH ST.: STA. 15+75.00 TO STA. 16+00.00
1	2024-09-10	285	CROSS SECTIONS - E. 79TH ST.: STA. 16+25.00 TO STA. 16+50.00
1	2024-09-10	286	CROSS SECTIONS - E. 79TH ST.: STA. 16+75.00 TO STA. 17+00.00
1	2024-09-10	287	CROSS SECTIONS - E. 79TH ST.: STA. 17+25.00 TO STA. 17+50.00
1	2024-09-10	288	CROSS SECTIONS - E. 79TH ST.: STA. 17+75.00 TO STA. 18+00.00
1	2024-09-10	289	CROSS SECTIONS - E. 79TH ST.: STA. 18+17.00 TO STA. 19+83.28
1	2024-09-10	290	CROSS SECTIONS - E. 79TH ST.: STA. 20+00.00 TO STA. 20+25.00
1	2024-09-10	291	CROSS SECTIONS - E. 79TH ST.: STA. 20+50.00 TO STA. 20+75.00
1	2024-09-10	292	CROSS SECTIONS - E. 79TH ST.: STA. 21+00.00 TO STA. 21+25.00
1	2024-09-10	293	CROSS SECTIONS - E. 79TH ST.: STA. 21+50.00 TO STA. 21+71.18
0	2019-06-13	294	CROSS SECTIONS - E. 79TH ST.: STA. 22+00.00 TO STA. 22+25.00
0	2019-06-13	295	CROSS SECTIONS - RAWLINGS AVE.: STA. 31+69.56 TO STA. 31+75.00
0	2019-06-13	296	CROSS SECTIONS - RAWLINGS AVE.: STA. 32+00.00 TO STA. 32+25.00
0	2019-06-13	297	CROSS SECTIONS - RAWLINGS AVE.: STA. 32+50.00 TO STA. 32+75.00
1	2024-09-10	298	CROSS SECTIONS - RAWLINGS AVE.: STA. 33+00.00 TO STA. 33+25.00
0	2019-06-13	299	CROSS SECTIONS - RAWLINGS AVE.: STA. 33+50.00 TO STA. 33+75.00
0	2019-06-13	300	CROSS SECTIONS - RAWLINGS AVE.: STA. 33+97.64 TO STA. 34+25.00
0	2019-06-13	301	CROSS SECTIONS - RAWLINGS AVE.: STA. 34+50.00 TO STA. 34+50.00
1	2024-09-10	302	CROSS SECTIONS - LISBON RD.: STA. 8+95.16 TO STA. 9+25.00
1	2024-09-10	303	CROSS SECTIONS - LISBON RD.: STA. 9+50.00 TO STA. 9+75.00
1	2024-09-10	304	CROSS SECTIONS - LISBON RD.: STA. 10+00.00 TO STA. 10+25.00
1	2024-09-10	305	CROSS SECTIONS - LISBON RD.: STA. 10+50.00 TO STA. 10+75.00
1	2024-09-10	306	CROSS SECTIONS - LISBON RD.: STA. 11+00.00 TO STA. 11+25.00
1	2024-09-10	307	CROSS SECTIONS - LISBON RD.: STA. 11+50.00 TO STA. 11+60.00
0	2019-06-13	308	CROSS SECTIONS - LISBON RD.: STA. 11+75.00 TO STA. 12+00.00
0	2019-06-13	309	CROSS SECTIONS - GRAND AVE.: STA. 3+00.00 TO STA. 3+39.74
0	2019-06-13	310	CROSS SECTIONS - GRAND AVE.: STA. 3+50.00 TO STA. 3+75.00
0	2019-06-13	311	CROSS SECTIONS - GRAND AVE.: STA. 4+00.00 TO STA. 4+50.00
0	2019-06-13	312	CROSS SECTIONS - GRAND AVE.: STA. 4+75.00 TO STA. 5+25.00
1	2024-09-10	313	CROSS SECTIONS - GRAND AVE.: STA. 5+50.00 TO STA. 6+00.00
1	2024-09-10	314	CROSS SECTIONS - GRAND AVE.: STA. 6+24.22 TO STA. 6+50.00
1	2024-09-10	315	CROSS SECTIONS - GRAND AVE.: STA. 6+75.00 TO STA. 6+75.00
0	2019-06-13	316	CROSS SECTIONS - BUCKEYE RD.: STA. 25+00.00 TO STA. 25+00.00
0	2019-06-13	317	CROSS SECTIONS - BUCKEYE RD.: STA. 25+25.00 TO STA. 25+50.00
2	2024-09-10	318	CROSS SECTIONS - BUCKEYE RD.: STA. 25+77.62 TO STA. 26+00.00
2	2024-09-10	319	CROSS SECTIONS - BUCKEYE RD.: STA. 26+25.00 TO STA. 26+50.00
2	2024-09-10	320	CROSS SECTIONS - BUCKEYE RD.: STA. 26+75.00 TO STA. 27+00.00
2	2024-09-10	321	CROSS SECTIONS - BUCKEYE RD.: STA. 27+25.00 TO STA. 27+50.00
1	2019-10-21	322	CROSS SECTIONS - BUCKEYE RD.: STA. 27+72.41 TO STA. 28+18.67
1	2024-09-10	323	CROSS SECTIONS - BUCKEYE RD.: STA. 28+30.00 TO STA. 28+50.00
1	2024-09-10	324	CROSS SECTIONS - BUCKEYE RD.: STA. 28+75.00 TO STA. 29+00.00
1	2024-09-10	325	CROSS SECTIONS - BUCKEYE RD.: STA. 29+25.00 TO STA. 29+35.60
1	2024-09-10	326	CROSS SECTIONS - BUCKEYE RD.: STA. 31+34.67 TO STA. 31+50.00
0	2019-06-13	327	CROSS SECTIONS - BUCKEYE RD.: STA. 31+75.00 TO STA. 32+00.00
0	2019-06-13	328	CROSS SECTIONS - BUCKEYE RD.: STA. 32+25.00 TO STA. 32+50.00
0	2019-06-13	329	CROSS SECTIONS - BUCKEYE RD.: STA. 32+75.00 TO STA. 33+00.00
1	2024-09-10	330	CROSS SECTIONS - BUCKEYE RD.: STA. 33+25.00 TO STA. 33+40.68

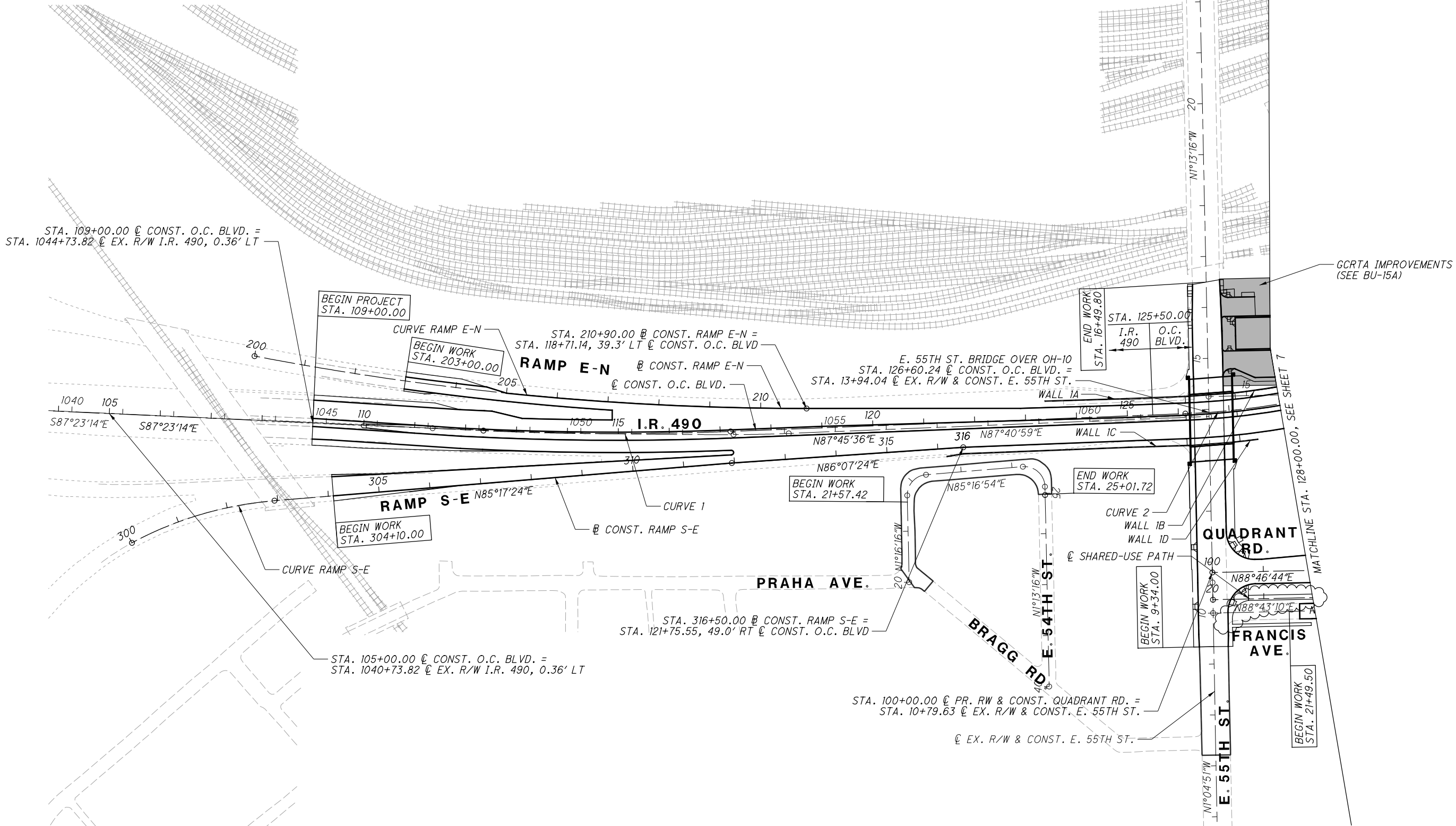
3	2024-09-10	RECORD DRAWINGS
2	2019-12-04	DC024
1	2019-10-21	DC021
0	2019-06-13	RFC
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1	2024-09-10	331	CROSS SECTIONS - BUCKEYE RD.: STA. 34+37.18 TO STA. 34+50.00
2	2024-09-10	332	CROSS SECTIONS - BUCKEYE RD.: STA. 34+75.00 TO STA. 35+00.00
2	2024-09-10	333	CROSS SECTIONS - BUCKEYE RD.: STA. 35+25.00 TO STA. 35+50.00
2	2024-09-10	334	CROSS SECTIONS - BUCKEYE RD.: STA. 35+75.00 TO STA. 36+00.00
2	2024-09-10	335	CROSS SECTIONS - BUCKEYE RD.: STA. 36+25.00 TO STA. 36+40.00
1	2024-09-10	336	CROSS SECTIONS - BUCKEYE RD.: STA. 36+50.00 TO STA. 36+75.00
1	2024-09-10	337	CROSS SECTIONS - BUCKEYE RD.: STA. 37+00.00 TO STA. 37+00.00
1	2019-10-21	338	CROSS SECTIONS - WOODLAND AVE.: STA. 28+50.00 TO STA. 28+50.00
1	2019-10-21	339	CROSS SECTIONS - WOODLAND AVE.: STA. 28+75.00 TO STA. 28+75.00
1	2019-10-21	340	CROSS SECTIONS - WOODLAND AVE.: STA. 29+00.00 TO STA. 29+00.00
1	2019-10-21	341	CROSS SECTIONS - WOODLAND AVE.: STA. 29+17.46 TO STA. 29+17.46
2	2024-09-10	342	CROSS SECTIONS - WOODLAND AVE.: STA. 29+50.00 TO STA. 29+75.00
2	2024-09-10	343	CROSS SECTIONS - WOODLAND AVE.: STA. 30+00.00 TO STA. 30+25.00
1	2024-09-10	344	CROSS SECTIONS - WOODLAND AVE.: STA. 30+50.00 TO STA. 30+75.00
1	2024-09-10	345	CROSS SECTIONS - WOODLAND AVE.: STA. 30+91.06 TO STA. 34+01.02
1	2024-09-10	346	CROSS SECTIONS - WOODLAND AVE.: STA. 34+25.00 TO STA. 34+50.00
1	2024-09-10	347	CROSS SECTIONS - WOODLAND AVE.: STA. 34+75.00 TO STA. 35+00.00
0	2019-06-13	348	CROSS SECTIONS - WOODLAND AVE.: STA. 35+25.00 TO STA. 35+50.00
1	2024-09-10	349	CROSS SECTIONS - WOODLAND AVE.: STA. 35+75.00 TO STA. 36+00.00
1	2019-08-30	350	CROSS SECTIONS - WOODLAND AVE.: STA. 36+25.00 TO STA. 36+50.00
1	2019-08-30	351	CROSS SECTIONS - WOODLAND AVE.: STA. 36+75.00 TO STA. 37+00.00
1	2019-08-30	352	CROSS SECTIONS - WOODLAND AVE.: STA. 37+25.00 TO STA. 37+50.00
1	2019-08-30	353	CROSS SECTIONS - WOODLAND AVE.: STA. 37+75.00 TO STA. 38+00.00
1	2019-08-30	354	CROSS SECTIONS - WOODLAND AVE.: STA. 38+19.11 TO STA. 38+62.37
0	2019-06-13	355	CROSS SECTIONS - WOODLAND AVE.: STA. 38+75.00 TO STA. 39+00.00
1	2024-09-10	356	CROSS SECTIONS - E. 89TH ST. PATH: STA. 23+50.00 TO STA. 23+75.00
1	2024-09-10	357	CROSS SECTIONS - E. 89TH ST. PATH: STA. 24+00.00 TO STA. 24+25.00
1	2024-09-10	358	CROSS SECTIONS - E. 89TH ST. PATH: STA. 24+50.00 TO STA. 24+75.00
1	2024-09-10	359	CROSS SECTIONS - E. 89TH ST. PATH: STA. 25+00.00 TO STA. 25+00.00
1	2024-09-10	360	CROSS SECTIONS - E. 89TH ST. PATH: STA. 25+25.00 TO STA. 28+25.00
1	2024-09-10	361	CROSS SECTIONS - E. 89TH ST. PATH: STA. 28+50.00 TO STA. 29+25.00
0	2019-06-13	362	CROSS SECTIONS - E. 89TH ST. PATH: STA. 29+00.00 TO STA. 29+25.00
0	2019-06-13	363	CROSS SECTIONS - E. 89TH ST. PATH: STA. 29+50.00 TO STA. 29+75.00
0	2019-06-13	364	CROSS SECTIONS - E. 89TH ST. PATH: STA. 30+00.00 TO STA. 30+00.00
2	2020-09-09	364A	CROSS SECTIONS - ACCESS DRIVE.: STA. 5+50.00 TO STA. 6+25.00
2	2020-09-09	364B	CROSS SECTIONS - ACCESS DRIVE.: STA. 7+25.00 TO STA. 10+50.00
-	-	365	NOT USED
1	2024-09-10	366	INTERSECTION DETAIL - KINSMAN RD. & O.C. BLVD. (NORTH)
1	2024-09-10	367	INTERSECTION DETAIL - KINSMAN RD. & O.C. BLVD. (SOUTH)
1	2024-09-10	368	INTERSECTION DETAIL - KINSMAN RD. & E. 69TH ST.
0	2019-06-13	369	INTERSECTION DETAIL - COLFAX RD.
-	-	370	NOT USED
1	2019-08-06	371	INTERSECTION DETAIL - E. 73RD. ST. TURNAROUND
1	2019-08-06	372	INTERSECTION DETAIL - E. 73RD. ST. & GRAND AVE.
1	2024-09-10	373	INTERSECTION DETAIL - E. 75TH ST. & O.C. BLVD. (NORTH)
1	2024-09-10	374	INTERSECTION DETAIL - E. 75TH ST. & O.C. BLVD. (SOUTH)
0	2019-06-13	375	INTERSECTION DETAIL - E. 75TH ST. & GRAND AVE.
1	2024-09-10	376	INTERSECTION DETAIL - E. 79TH ST. & GRAND AVE.
1	2024-09-10	377	INTERSECTION DETAIL - E. 79TH ST. & O.C. BLVD. (NORTH)
1	2024-09-10	378	INTERSECTION DETAIL - E. 79TH ST. & O.C. BLVD. (SOUTH)
1	2024-09-10	379	INTERSECTION DETAIL - RAWLINGS AVE. & O.C. BLVD.
1	2024-09-10	380	INTERSECTION DETAIL - LISBON RD. & O.C. BLVD.
1	2024-09-10	381	INTERSECTION DETAIL - GRAND AVE. & LISBON RD.
0	2019-06-13	382	INTERSECTION DETAIL - GRAND AVE.
1	2024-09-10	383	INTERSECTION DETAIL - EVARTS RD. & O.C. BLVD.
2	2024-09-10	384	INTERSECTION DETAIL - EVARTS RD. & TENNYSON RD.

ISSUE NO.	RECORD DATE	PAGE NO.	SHEET TITLE
1	2024-09-10	385	INTERSECTION DETAIL - BUCKEYE RD. & LISBON RD.
1	2024-09-10	386	INTERSECTION DETAIL - BUCKEYE RD. & GRAND AVE.
1	2024-09-10	387	INTERSECTION DETAIL - BUCKEYE RD. & O.C. BLVD. (WEST)
1	2024-09-10	388	INTERSECTION DETAIL - BUCKEYE RD. & O.C. BLVD. (EAST)
0	2019-06-13	389	INTERSECTION DETAIL - BUCKEYE RD. & E. 89TH ST.
1	2024-09-10	390	INTERSECTION DETAIL - WOODLAND AVE. & O.C. BLVD. (WEST)
1	2024-09-10	391	INTERSECTION DETAIL - WOODLAND AVE. & O.C. BLVD. (SOUTHWEST)
1	2024-09-10	392	INTERSECTION DETAIL - WOODLAND AVE. & O.C. BLVD. (SOUTHEAST)
1	2024-09-10	393	INTERSECTION DETAIL - KENNEDY AVE. & O.C. BLVD.
1	2024-09-10	394	INTERSECTION DETAIL - KENNEDY AVE. & E. 89TH ST.
0	2019-06-13	395	INTERSECTION DETAIL - E. 89TH ST. & FREDERICK AVE.
0	2019-06-13	396	DRIVE DETAILS
0	2019-06-13	397	DRIVEWAY PROFILES - OC BLVD/E 79TH ST/BERWICK RD/RAWLINGS AVE/LISBON RD/E 89TH ST
0	2019-06-13	398	DRIVEWAY PROFILES - KINSMAN RD.
0	2019-06-13	399	DRIVEWAY PROFILES - KINSMAN RD.
0	2019-06-13	400	DRIVEWAY PROFILES - BUCKEYE RD.
1	2019-08-30	401	DRIVEWAY PROFILES - BUCKEYE RD.
0	2019-06-13	402	DRIVEWAY PROFILES - WOODLAND AVE.
1	2019-08-30	403	DRIVEWAY PROFILES - WOODLAND AVE.
1	2024-09-10	403A	DRIVEWAY PROFILES - O.C. BLVD.
1	2024-09-10	403B	DRIVEWAY PROFILES - E. 73RD ST. & TENNYSON RD.
2	2024-09-10	403C	DRIVEWAY PROFILES - O.C. BLVD.
0	2019-06-13	404	NORFOLK SOUTHERN RIGHT-OF-WAY FENCING DETAILS
0	2019-06-13	405	GRADING PLAN - O.C. BLVD. - RTA WYE TRACK - WEST
1	2024-09-10	406	GRADING PLAN - O.C. BLVD. - RTA WYE TRACK - NORTH
0	2019-06-13	407	GRADING PLAN - O.C. BLVD. - RTA WYE TRACK - SOUTH
1	2024-09-10	408	GRADING PLAN - O.C. BLVD. - BERWICK RD. INTERSECTION
1	2024-09-10	409	GRADING PLAN - O.C. BLVD. - KINSMAN AVE. INTERSECTION
1	2024-09-10	410	GRADING PLAN - BLUE-GREEN BRIDGES REAR ABUTMENTS
3	2024-09-10	411	GRADING PLAN - BLUE-GREEN BRIDGES FORWARD ABUTMENTS
3	2020-09-09	412	GRADING PLAN - OUTFALL 3
0	2019-06-13	413	GRADING PLAN - O.C. BLVD. - E. 75TH ST. INTERSECTION
0	2019-06-13	414	GRADING PLAN - O.C. BLVD. - E. 79TH ST. INTERSECTION
0	2019-06-13	415	GRADING PLAN - O.C. BLVD. - RAWLINGS AVE. INTERSECTION
0	2019-06-13	416	GRADING PLAN - O.C. BLVD. - NS - MCTECH
0	2019-06-13	417	GRADING PLAN - O.C. BLVD. - LISBON RD. INTERSECTION
1	2024-09-10	418	GRADING PLAN - O.C. BLVD. - BUCKEYE RD. INTERSECTION
0	2019-06-13	419	GRADING PLAN - O.C. BLVD. - WOODLAND AVE. INTERSECTION - SOUTH
1	2024-09-10	420	GRADING PLAN - O.C. BLVD. - E. 89TH ST. INTERSECTION
0	2019-06-13	421	GRADING PLAN - O.C. BLVD. - WOODLAND AVE. INTERSECTION - NORTH
0	2019-06-13	422	GRADING PLAN - E. 89TH ST. & FREDERICK AVE.
0	2019-06-13	423	PROPERTY MAP
0	2019-06-13	424	PROPERTY MAP
0	2019-06-13	425	PROPERTY MAP
0	2019-06-13	426	PROPERTY MAP
0	2019-06-13	427	PROPERTY MAP
0	2019-06-13	428	PROPERTY MAP
0	2019-06-13	429	PROPERTY MAP
0	2019-06-13	430	PROPERTY MAP
0	2019-06-13	431	PROPERTY MAP
0	2019-06-13	432	PROPERTY MAP
0	2019-06-13	433	PROPERTY MAP
0	2019-06-13	434	PROPERTY MAP
0	2019-06-13	435	PROPERTY MAP
0	2019-06-13	436	PROPERTY MAP
0	2019-06-13	437	PROPERTY MAP

4	2020-01-08	DC028			
3	2019-10-21	DC021			
2	2019-08-30	DC017	7	2024-09-10	RECORD DRAWINGS
1	2019-08-06	DC015	6	2020-09-09	DC046
0	2019-06-13	RFC	5	2020-06-08	DC040
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION
ISSUE RECORD			ISSUE RECORD		

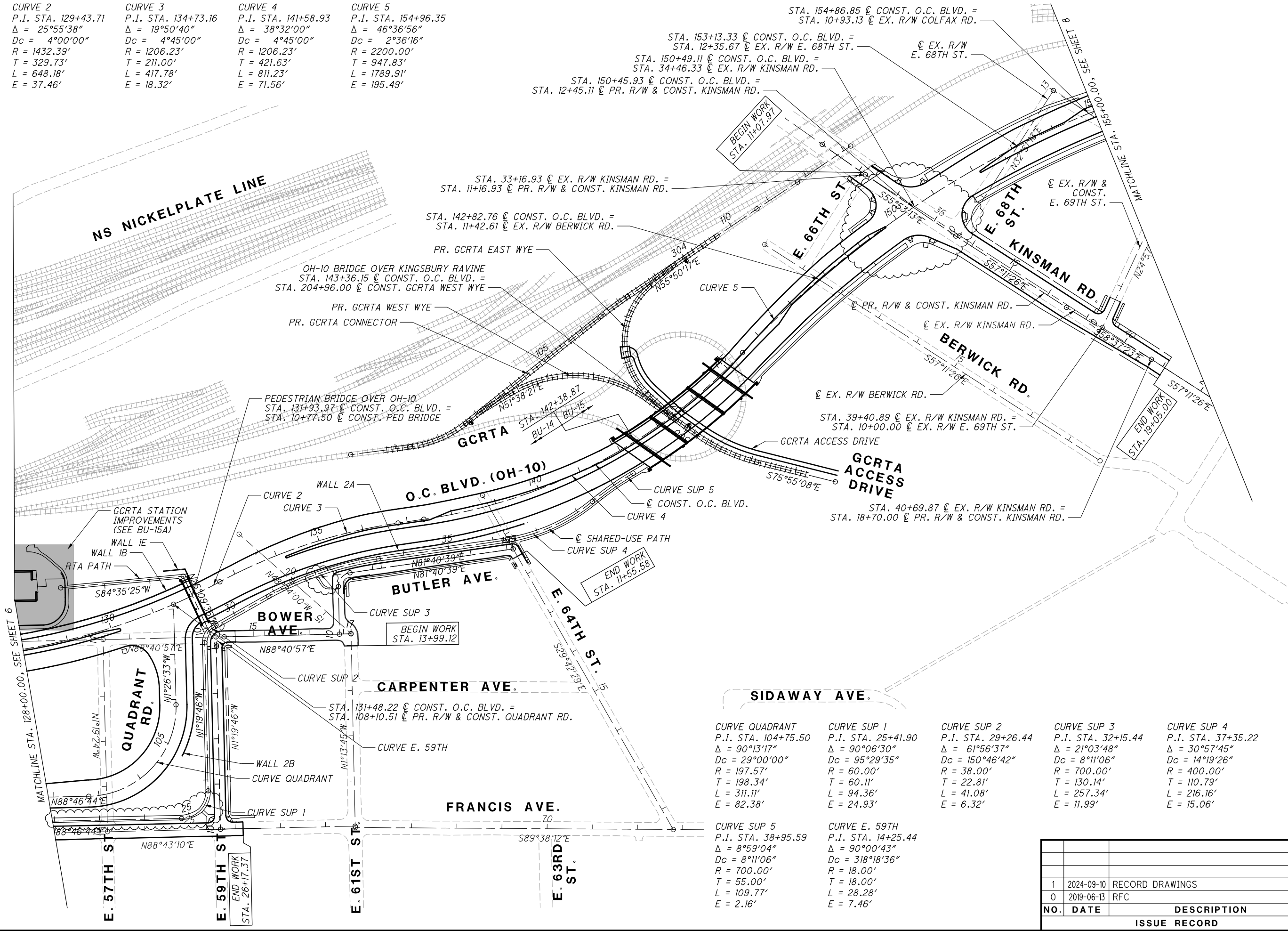
<b>CURVE 1</b> P.I. STA. 114+77.87 $\Delta = 4^{\circ}51'10''$ $Dc = 1^{\circ}00'00''$ $R = 5729.58'$ $T = 242.79'$ $L = 485.29'$ $E = 5.14'$	<b>CURVE 2</b> P.I. STA. 129+43.71 $\Delta = 25^{\circ}55'38''$ $Dc = 4^{\circ}00'00''$ $R = 1432.39'$ $T = 329.73'$ $L = 648.18'$ $E = 37.46'$	<b>CURVE RAMP E-N</b> P.I. STA. 205+46.65 $\Delta = 10^{\circ}54'00''$ $Dc = 1^{\circ}00'00''$ $R = 5729.58'$ $T = 546.65'$ $L = 1090.00'$ $E = 26.02'$	<b>CURVE RAMP S-E</b> P.I. STA. 301+49.04 $\Delta = 23^{\circ}30'41''$ $Dc = 8^{\circ}00'00''$ $R = 716.20'$ $T = 149.04'$ $L = 293.89'$ $E = 15.34'$
--	--	--	--



NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
		ISSUE RECORD



<b>CURVE 2</b> P.I. STA. 129+43.71 $\Delta = 25^{\circ}55'38''$ $Dc = 4^{\circ}00'00''$ $R = 1432.39'$ $T = 329.73'$ $L = 648.18'$ $E = 37.46'$	<b>CURVE 3</b> P.I. STA. 134+73.16 $\Delta = 19^{\circ}50'40''$ $Dc = 4^{\circ}45'00''$ $R = 1206.23'$ $T = 211.00'$ $L = 417.78'$ $E = 18.32'$	<b>CURVE 4</b> P.I. STA. 141+58.93 $\Delta = 38^{\circ}32'00''$ $Dc = 4^{\circ}45'00''$ $R = 1206.23'$ $T = 421.63'$ $L = 811.23'$ $E = 71.56'$	<b>CURVE 5</b> P.I. STA. 154+96.35 $\Delta = 46^{\circ}36'56''$ $Dc = 2^{\circ}36'16''$ $R = 2200.00'$ $T = 947.83'$ $L = 1789.91'$ $E = 195.49'$
--	--	--	--



<b>CURVE QUADRANT</b> P.I. STA. 104+75.50 $\Delta = 90^{\circ}13'17''$ $Dc = 29^{\circ}00'00''$ $R = 197.57'$ $T = 198.34'$ $L = 311.11'$ $E = 82.38'$
---

<b>CURVE SUP 1</b> P.I. STA. 25+41.90 $\Delta = 90^{\circ}06'30''$ $Dc = 95^{\circ}29'35''$ $R = 60.00'$ $T = 60.11'$ $L = 94.36'$ $E = 24.93'$
--

<b>CURVE SUP 2</b> P.I. STA. 29+26.44 $\Delta = 61^{\circ}56'37''$ $Dc = 150^{\circ}46'42''$ $R = 38.00'$ $T = 22.81'$ $L = 41.08'$ $E = 6.32'$
--

<b>CURVE SUP 3</b> P.I. STA. 32+15.44 $\Delta = 21^{\circ}03'48''$ $Dc = 8^{\circ}11'06''$ $R = 700.00'$ $T = 130.14'$ $L = 257.34'$ $E = 11.99'$
--

<b>CURVE SUP 4</b> P.I. STA. 37+35.22 $\Delta = 30^{\circ}57'45''$ $Dc = 14^{\circ}19'26''$ $R = 400.00'$ $T = 110.79'$ $L = 216.16'$ $E = 15.06'$
---

<b>CURVE SUP 5</b> P.I. STA. 38+95.59 $\Delta = 8^{\circ}59'04''$ $Dc = 8^{\circ}11'06''$ $R = 700.00'$ $T = 55.00'$ $L = 109.77'$ $E = 2.16'$
---

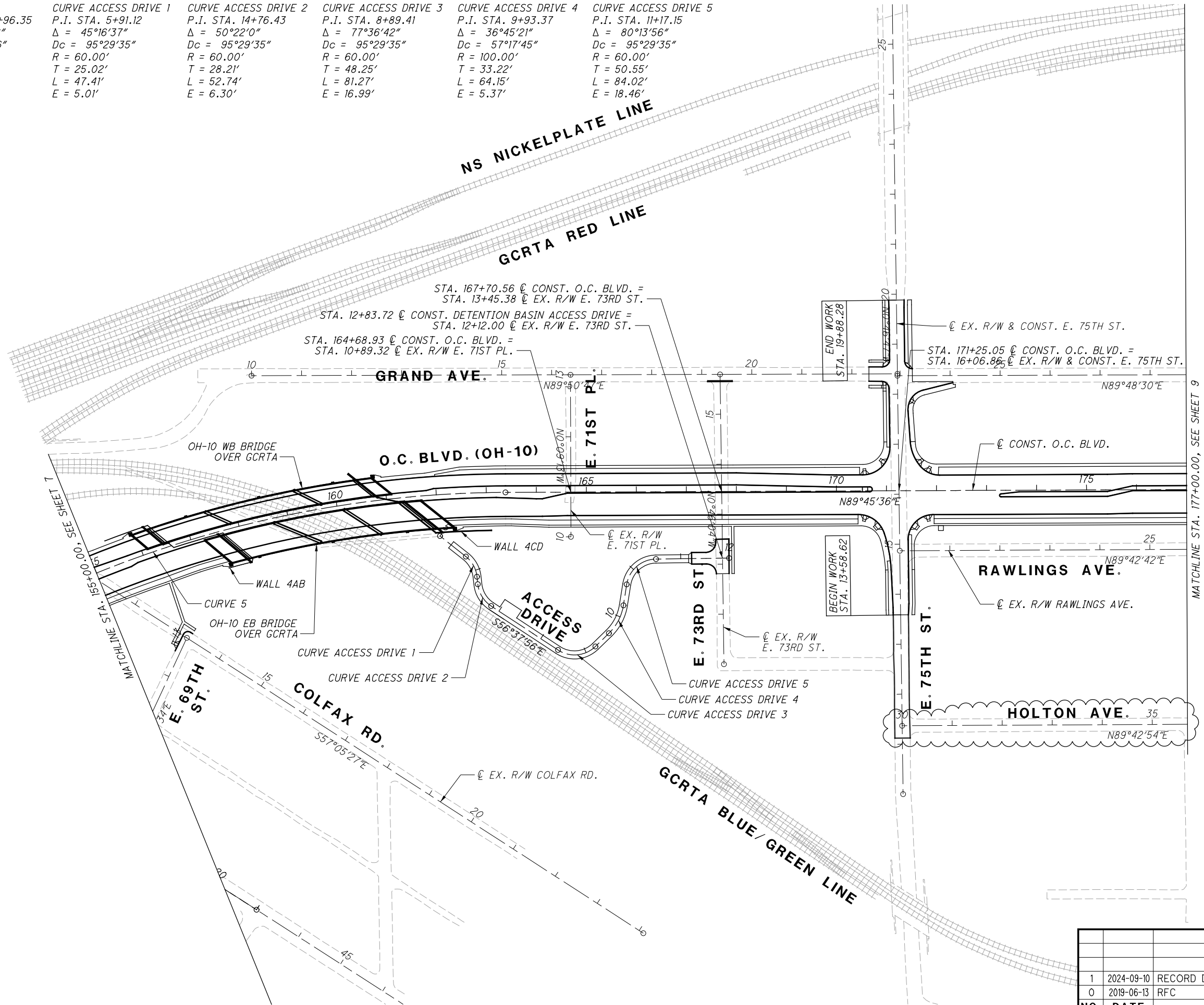
<b>CURVE E. 59TH</b> P.I. STA. 14+25.44 $\Delta = 90^{\circ}00'43''$ $Dc = 318^{\circ}18'36''$ $R = 18.00'$ $T = 18.00'$ $L = 28.28'$ $E = 7.46'$
--

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1	2024-09-10	RECORD DRAWINGS
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SCHEMATIC PLAN - O.C. BLVD.  
STA. 128+00.00 TO STA. 155+00.00

CUY-IR490/ SR010-  
2.09/ 19.28

<b>CURVE 5</b>	<b>CURVE ACCESS DRIVE 1</b>	<b>CURVE ACCESS DRIVE 2</b>	<b>CURVE ACCESS DRIVE 3</b>	<b>CURVE ACCESS DRIVE 4</b>	<b>CURVE ACCESS DRIVE 5</b>
P.I. STA. 154+96.35	P.I. STA. 5+91.12	P.I. STA. 14+76.43	P.I. STA. 8+89.41	P.I. STA. 9+93.37	P.I. STA. 11+17.15
$\Delta = 46^{\circ}36'56''$	$\Delta = 45^{\circ}16'37''$	$\Delta = 50^{\circ}22'0''$	$\Delta = 77^{\circ}36'42''$	$\Delta = 36^{\circ}45'21''$	$\Delta = 80^{\circ}13'56''$
$Dc = 2^{\circ}36'16''$	$Dc = 95^{\circ}29'35''$	$Dc = 95^{\circ}29'35''$	$Dc = 95^{\circ}29'35''$	$Dc = 57^{\circ}17'45''$	$Dc = 95^{\circ}29'35''$
$R = 2200.00'$	$R = 60.00'$	$R = 60.00'$	$R = 60.00'$	$R = 100.00'$	$R = 60.00'$
$T = 947.83'$	$T = 25.02'$	$T = 28.21'$	$T = 48.25'$	$T = 33.22'$	$T = 50.55'$
$L = 1789.91'$	$L = 47.41'$	$L = 52.74'$	$L = 81.27'$	$L = 64.15'$	$L = 84.02'$
$E = 195.49'$	$E = 5.01'$	$E = 6.30'$	$E = 16.99'$	$E = 5.37'$	$E = 18.46'$

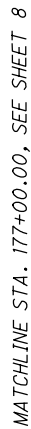


NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		

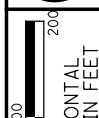
SCHEMATIC PLAN - O.C. BLVD.  
STA. 155+00.00 TO STA. 177+00.00

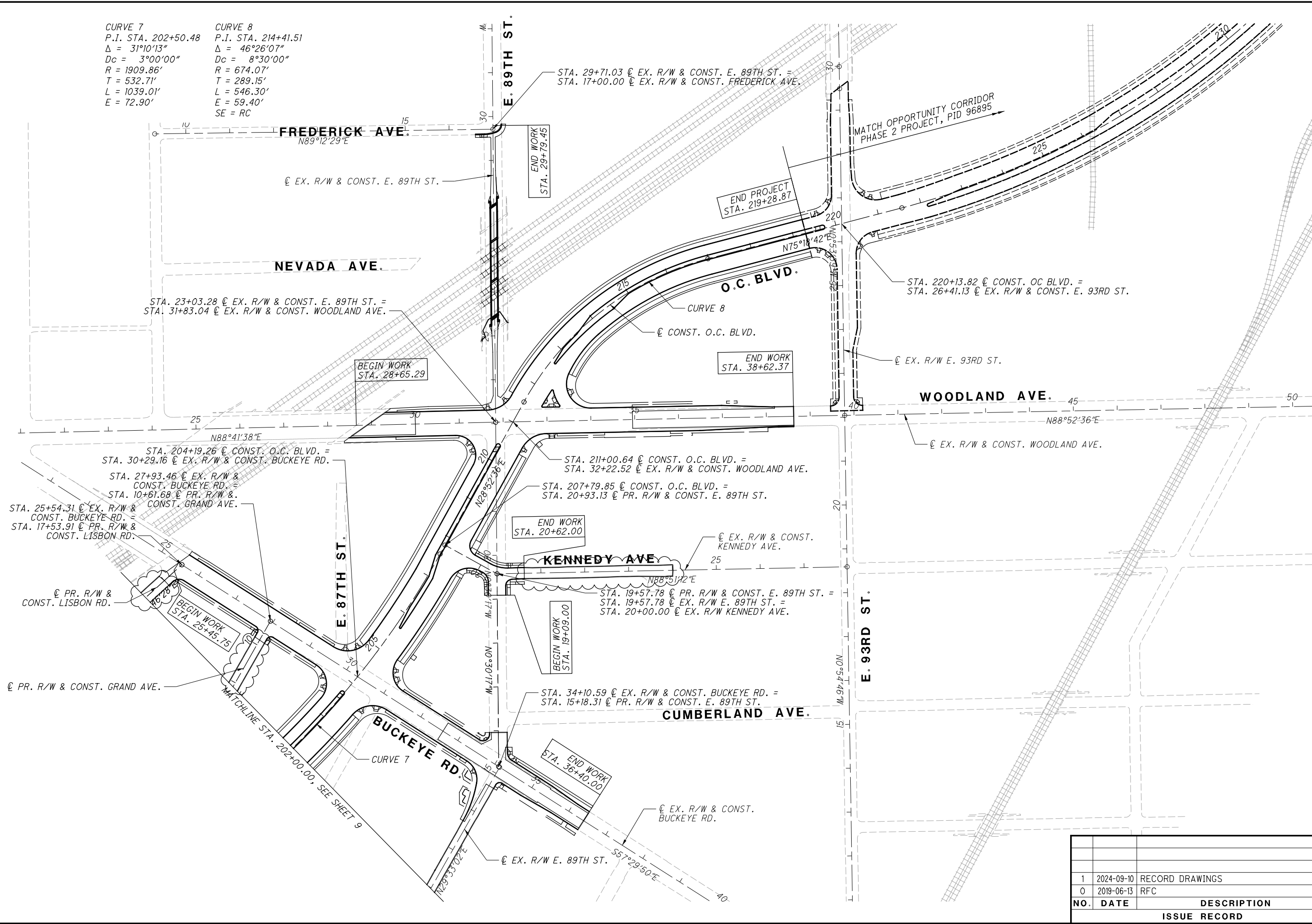
CUY-IR490/ SR010-  
2.09 / 19.28

CURVE GRAND  
P.I. STA. 6+00.45  
 $\Delta = 90^{\circ}00'00''$   
 $D_c = 229^{\circ}10'59''$   
 $R = 25.00'$   
 $T = 25.00'$   
 $L = 39.27'$   
 $E = 10.36'$



1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
<b>NO.</b>	<b>DATE</b>	<b>DESCRIPTION</b>
<b>ISSUE RECORD</b>		





NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
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DESIGN DESIGNATION	I.R. 490	E 55TH ST.	QUADRANT RD.	KINSMAN RD.	E 75TH ST.	E 79TH ST.	BUCKEYE RD.	WOODLAND AVE.	E 93RD ST.
CURRENT ADT (2017) .....	35,820	13,140	-	16,380	-	-	10,940	7,190	-
DESIGN YEAR ADT (2020) .....	48,230	13,500	9,690	11,100	1,610	11,230	16,540	7,580	15,360
DESIGN HOURLY VOLUME (2020) .....	3,580	-	-	-	-	-	-	-	-
DIRECTIONAL DISTRIBUTION .....	58%	77%	63%	65%	70%	61%	63%	60%	65%
TRUCKS (24 HOUR B&C) .....	6%	3%	-	3%	-	-	2%	-	-
DESIGN SPEED .....	45 MPH	35 MPH	25 MPH	35 MPH	25 MPH	25 MPH	35 MPH	35 MPH	25 MPH
LEGAL SPEED .....	45 MPH	35 MPH	25 MPH	35 MPH	25 MPH	25 MPH	35 MPH	35 MPH	25 MPH
DESIGN FUNCTIONAL CLASSIFICATION .....	URBAN ARTERIAL	URBAN ARTERIAL	LOCAL STREET	URBAN ARTERIAL	LOCAL STREET	URBAN ARTERIAL	URBAN ARTERIAL	URBAN COLLECTOR	LOCAL STREET
NHS PROJECT .....	NO	NO	NO	NO	NO	NO	NO	NO	NO

EXISTING MONUMENTS

PT#	EASTING (GRID)	NORTHING (GRID)	ORTHO HT. (LEVELED)	DESCRIPTION	EASTING (PROJECT)	NORTHING (PROJECT)	ELEVATION US FT (LEVELED)	POSITIONING METHOD
MN1	670091.553	201610.963	201.818	IPIPES-FENO MONBOX	2198593.8070	661492.6165	662.13	GNSS- OPUS (AVG.)
MN2	670347.367	201643.706	195.725	IPIPES-FENO MONBOX	2199433.1417	661600.0474	642.14	GNSS- OPUS (AVG.)
MN3	671729.564	202159.447	203.619	IPIPES-FENO MONBOX	2203968.1784	663292.2117	668.04	GNSS- OPUS (AVG.)
MN4	672100.342	202173.191	206.909	IPIPES-FENO MONBOX	2205184.7140	663337.3062	678.83	GNSS- OPUS (AVG.)
MN5	672457.828	202644.572	208.467	IPIPES-FENO MONBOX	2206357.6380	664883.9237	683.95	GNSS- OPUS (AVG.)
MN6	672759.612	202649.843	209.614	IPIPES-FENO MONBOX	2207347.8019	664901.2181	687.71	GNSS- OPUS (AVG.)
MN7	673358.766	203205.275	210.47	IPIPES-FENO MONBOX	2209313.6471	666723.6099	690.52	GNSS- OPUS (AVG.)
MN8	673659.459	203217.442	215.098	IPIPES-FENO MONBOX	2210300.2313	666763.5302	705.70	GNSS- OPUS (AVG.)
MN9	673504.570	204571.426	205.805	IPIPES-FENO MONBOX	2209792.0351	671205.9991	675.21	GNSS- OPUS (AVG.)

THE COMBINED SCALE FACTOR OF 0.99993855 WAS DETERMINED FROM OPUS SOLUTION ON MONUMENT MN6  
3.2810349529 PROJECT ADJUSTMENT FACTOR METRIC GRID TO USFT PROJECT

PROPOSED MONUMENTS

PT#	DESCRIPTION	INTERSECTION		NORTHING	EASTING	STATION
PM01	OC/QUADRANT	O.C. BLVD.	QUADRANT RD.	661826.3650	2201612.1910	131+48.21
PM02	OC/KINSMAN	O.C. BLVD.	KINSMAN RD.	662704.7520	2203249.8710	150+45.95
PM03	OC/E 75	O.C. BLVD.	E. 75TH ST.	663082.0580	2205254.3100	171+25.05
PM04	OC/E 79	O.C. BLVD.	E. 79TH ST.	663111.5030	2206195.2960	180+67.75
PM05	OC/BUCKEYE	O.C. BLVD.	BUCKEYE RD.	664317.1190	2208186.6440	204+19.23
PM06	OC/WOODLAND	O.C. BLVD.	WOODLAND AVE.	664897.9200	2208540.8970	211+00.64
PM07	E 55/QUADRANT	E. 55TH ST.	QUADRANT RD.	661395.7560	2201147.3800	10+79.59
PM08	OC/RAWLINGS	O.C. BLVD.	RAWLINGS AVE.	663176.6240	2206424.6910	183+06.48
PM09	PC	O.C. BLVD.	RAWLINGS AVE.	663109.3430	2206450.0230	31+34.63
PM10	PT	O.C. BLVD.	RAWLINGS AVE.	662969.2660	2206653.5660	33+97.64
PM11	OC/LISBON	O.C. BLVD.	LISBON RD.	663778.4780	2207507.0360	195+45.79
PM12	PC	O.C. BLVD.	LISBON RD.	663905.0680	2207434.0530	9+59.27
PM13	PT	O.C. BLVD.	LISBON RD.	664077.7810	2207433.7130	11+40.01
PM14	OC/EVARTS	O.C. BLVD.	EVARTS RD.	663936.6520	2207771.6790	198+54.18
PM15	OC/KENNEDY	O.C. BLVD.	KENNEDY AVE.	664616.9990	2208385.9980	207+79.85
PM16	PT	O.C. BLVD.	CURVE 1	661672.6960	2200201.5520	117+20.35
PM17	PC	O.C. BLVD.	CURVE 2	661707.5510	2201094.5160	126+13.99
PM18	PRC	O.C. BLVD.	CURVE 2	661876.1000	2201714.6540	132+62.14
PM19	PT	O.C. BLVD.	CURVE 3	662006.2590	2202109.4740	136+79.95
PM20	PC	O.C. BLVD.	CURVE 3	662014.5310	2202166.2010	137+37.27

PT#	DESCRIPTION	INTERSECTION		NORTHING	EASTING	STATION
PM21	PRC	O.C. BLVD.	CURVE 4	662383.2200	2202871.7510	145+48.54
PM22	PT	O.C. BLVD.	CURVE 5	663078.7610	2204467.7260	163+38.45
PM23	PC	O.C. BLVD.	CURVE 6	663084.8790	2205926.1850	177+96.93
PM24	PT	O.C. BLVD.	CURVE 6	663276.1860	2206635.3760	185+39.77
PM25	PC	O.C. BLVD.	CURVE 7	663864.3440	2207656.0120	197+17.74
PM26	PT	O.C. BLVD.	CURVE 7	664596.7810	2208374.9030	207+56.78
PM27	PC	O.C. BLVD.	CURVE 8	664943.2220	2208565.8700	211+52.37
PM28	PT	O.C. BLVD.	CURVE 8	665269.7530	2208985.1790	216+98.62
PM29	PC	O.C. BLVD.	QUADRANT RD.	661401.7340	2201424.4460	102+77.13
PM30	PT	O.C. BLVD.	QUADRANT RD.	661604.2100	2201617.7580	105+88.28

1	2024-09-10	RECORD DRAWINGS
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CURVE	CONTROL POINT	NORTHING	EASTING	STATION	BEARING
OPPORTUNITY CORRIDOR BLVD.					
	POB	661730.5305	2198482.6349	100+00.00	
	PC	661674.2259	2199716.4348	112+35.08	S87°23'14"E
1	PI	661663.1576	2199958.9722	114+77.87	
	PT	661672.6472	2200201.5765	117+20.37	N87°45'36"E
	PC	661707.5743	2201094.5007	126+13.98	N87°45'36"E
2	PI	661720.4621	2201423.9834	129+43.71	
	PRC	661876.1116	2201714.6691	132+62.16	N61°49'58"E
3	PI	661975.7149	2201900.6848	134+73.16	
	PT	662006.2567	2202109.4666	136+79.94	N81°40'39"E
	PC	662014.5599	2202166.2265	137+37.30	N81°40'39"E
4	PI	662075.5900	2202583.4100	141+58.93	
	PRC	662383.2203	2202871.7352	145+48.53	N43°08'39"E
5	PI	663074.7862	2203519.8944	154+96.35	
	PT	663078.7577	2204467.7119	163+38.44	N89°45'36"E
	PC	663084.8688	2205926.1788	177+96.92	N89°45'36"E
6	PI	663086.4608	2206306.1406	181+76.88	
	PT	663276.1738	2206635.3556	185+39.74	N60°02'49"E
	PC	663864.3490	2207656.0348	197+17.76	N60°02'49"E
7	PI	664130.3269	2208117.5941	202+50.48	
	PT	664596.8010	2208374.8523	207+56.78	N28°52'36"E
	PC	664943.1963	2208565.8877	211+52.36	N28°52'36"E
8	PI	665196.3948	2208705.5255	214+41.51	
	PT	665269.7120	2208985.2268	216+98.65	N75°18'42"E
	PC	665385.6091	2209427.3681	221+55.73	N75°18'42"E
I.R. 490					
	POB	661753.0583	2197996.8015	1030+87.46	
	PC	661679.1294	2199616.8255	1047+09.17	S87°23'14"E
IR 490 1	PI	661665.6742	2199911.9895	1050+04.64	S87°23'24"E
	PCC	661666.4330	2200207.4591	1053+00.00	N89°51'10"E
IR 490 2	PI	661666.5693	2200261.5986	1053+54.14	N89°51'20"E
	PT	661668.7512	2200315.6943	1054+08.26	N87°41'25"E
	POE	661702.1376	2201140.8545	1062+34.10	N87°40'59"E
RAMP E-N					
	PC	661820.5916	2199267.2014	200+00.00	S79°07'50"E
RAMP E-N	PI	661717.5083	2199804.0437	205+46.65	
	PT	661717.7992	2200350.6933	210+90.00	N89°58'10"E
RAMP S-E					
	PC	661454.0078	2199026.4325	300+00.00	N61°46'43"E
RAMP S-E	PI	661524.4877	2199157.7593	301+49.04	
	PT	661536.7261	2199306.3005	302+93.89	N85°17'24"E
	PI	661610.7016	2200204.1786	311+94.81	
	PI	661641.4756	2200658.3228	316+50.00	N86°07'24"E
	POE	661646.8800	2200796.4300	317+88.21	N87°45'36"E
QUADRANT RD.					
	POB	661395.8000	2201147.3800	100+00.00	
	PC	661401.7000	2201424.4800	102+77.16	N88°46'44"E
QUADRANT	PI	661405.9300	2201622.7800	104+75.50	
	PT	661604.2000	2201617.7800	105+88.27	N1°26'33"W
	POE	661826.3800	2201612.1900	108+10.51	
	OC/ QUADRANT	661826.3800	2201612.1900	131+48.51	
		661395.8000	2201147.3800	10+79.64	

CURVE	CONTROL POINT	NORTHING	EASTING	STATION	BEARING
E. 55TH ST.					
	POB	660716.2855	2201160.2523	4+00.00	
	PI	661376.1629	2201147.8022	10+59.99	N1°04'51"W
	POE	663146.4081	2201110.0719	28+30.64	N1°13'16"W
E. 59TH ST. (PROPOSED)					
	POB	661328.8601	2201716.3035	10+00.00	
	PC	661736.1901	2201706.8507	14+07.44	N1°19'46"W
E 59TH	PI	661754.1890	2201706.4330	14+25.44	
	PT	661754.6030	2201724.4320	14+35.72	N88°40'57"E
	POE	661761.0597	2202005.1556	17+16.52	
E. 61ST ST. (PROPOSED)					
	POB	661760.4676	2201979.4124	10+00.00	
	PC	661865.8306	2201977.1518	11+05.39	N1°13'45"W
E 61ST	PI	661892.3226	2201976.5834	11+31.89	
	PT	661896.1581	2202002.8026	11+48.80	N81°40'39E
	POE	661949.0035	2202364.0506	15+13.89	
SHARED-USE PATH					
	POB	661342.3084	2201148.4410	20+00.00	
	PC	661352.5757	2201630.1167	24+81.79	N88°46'44"E
SUP 1	PI	661353.8568	2201690.2165	25+41.90	
	PT	661413.9541	2201688.8219	25+76.15	N1°19'46"W
	PC	661741.3481	2201681.2241	29+03.63	N1°19'46"W
SUP 2	PI	661764.1492	2201680.6950	29+26.44	
	PT	661775.3405	2201700.5677	29+44.71	N60°36'51"E
	PC	661844.3249	2201823.0661	30+85.30	N60°36'51"E
SUP 3	PI	661908.1819	2201936.4595	32+15.44	
	PT	661927.0187	2202065.2266	33+42.64	N81°40'39"E
	PC	661967.8076	2202344.0567	36+24.43	N81°40'39"E
SUP 4	PI	661983.8438	2202453.6793	37+35.22	
	PRC	662053.9934	2202539.4308	38+40.59	N50°42'53"E
SUP 5	PI	662088.8158	2202581.9979	38+95.59	
	POE	662116.5633	2202629.4808	39+50.36	N59°41'58"E
E. 59TH PED PATH					
	POB	661732.2605	2201706.9419	9+52.54	
	PI	661888.5759	2201633.5198	11+25.24	N25°09'35"W
	POE	661862.8938	2201362.3239	13+97.65	S84°35'25"W
BELFORD AVE.					
	POB	660446.2000	2201165.3500	30+00.00	
	POE	660465.4500	2202033.7300	38+68.60	N88°43'48"E
BOWER AVE.					
	POB	661741.1616	2201140.0228	14+25.64	
	POE	661761.0597	2202005.1556	22+91.00	N88°40'57"E
BRAGG RD.					
	POB	661376.7575	2200552.2818	20+00.00	
	PC	661546.9885	2200548.5046	21+70.27	N1°16'16"W
BRAGG 1	PI	661584.6422	2200547.6691	22+07.94	
	PT	661587.7403	2200585.2045	22+30.70	N85°16'54"E
	PC	661603.4425	2200775.4508	24+21.59	N85°16'54"E
BRAGG 2	PI	661606.9399	2200817.8260	24+64.11	
	PT	661564.4304	2200818.7320	24+86.86	S1°13'16"E
	POE	661547.8906	2200819.0845	25+03.41	S1°13'16"E

CURVE	CONTROL POINT	NORTHING	EASTING	STATION	BEARING
BUTLER AVE.					
	POB	661877.4372	2201874.8275	20+00.00	
	POE	661949.0035	2202364.0506	24+94.43	N81°40'39"E
E. 54TH ST.					
	POB	661172.0565	2200827.0949	40+00.00	
	POE	661547.8906	2200819.0845	43+75.92	N1°13'16"W
E. 59TH ST. (EXISTING)					
	POB	661328.86013	2201716.30351	10+00.00	
	POE	661754.18902	2201706.43302	14+25.44	N1°19'46"W
E. 61ST ST. (EXISTING)					
	POB	661335.5204	2202014.2855	10+00.00	
	PI	661761.7395	2202005.1410	14+26.32	N1°13'45"W
	POE	661981.5588	2201757.5526	17+57.41	N48°24'00"W
E. 64TH ST.					
	POB	662067.7405	2202296.3019	10+00.00	
	POE	661328.0560	2202718.3493	18+51.62	S29°42'29"E
FRANCIS AVE.					
	POB	661316.1787	2201148.9340	20+00.00	
	PI	661335.5204	2202014.2855	28+65.57	N88°43'10"E
MAURICE AVE.					
	POB	660670.9328	2201161.1080	40+00.00	
	POE	660690.4787	2202028.1248	48+67.24	N88°42'31"E

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CURVE	CONTROL POINT	NORTHING	EASTING	STATION	BEARING
BERWICK RD.					
	POB	662622.5579	2202920.8355	10+00.00	
	POE	662144.0324	2203663.0953	18+83.14	S57°11'26"E
BUCKEYE RD.					
	POB	664870.1620	2207318.7040	20+00.00	
	POE	662943.0620	2210343.3120	55+86.36	S57°29'50"E
COLFAX RD.					
	POB	662963.1035	2203559.7362	10+00.00	
	POE	662197.1943	2204743.2333	24+09.71	S57°05'27"E
DETENTION BASIN ACCESS DRIVE					
	POB	662991.5850	2204336.7027	5+00.00	
	PC	662950.4759	2204388.4629	5+66.10	S51°32'33"E
ACCESS DRIVE 1	PI	662934.9133	2204408.0576	5+91.12	
	PT	662910.0399	2204410.7886	6+13.51	S6°15'56"E
	PC	662895.0640	22004412.4328	6+28.58	S6°15'56"E
ACCESS DRIVE 2	PI	662867.0200	2204415.5119	6+56.79	
	PT	662851.5028	2204439.0738	6+81.32	S56°37'56"E
	PC	662763.5931	2204572.5595	8+41.16	S56°37'56"E
ACCESS DRIVE 3	PI	662737.0543	2204612.8571	8+89.41	
	PT	662770.7201	2204647.4231	9+22.43	N45°45'21"E
	PC	662797.0375	2204674.4443	9+60.15	N45°45'21"E
ACCESS DRIVE 4	PI	662820.2176	2204698.2444	9+93.37	
	PT	662853.0315	2204703.4416	10+24.30	N9°00'00"E
	PC	662894.8061	2204710.0580	10+66.60	N9°00'00"E
ACCESS DRIVE 5	PI	662944.7372	2204717.9663	11+17.15	
	PT	662945.4146	2204768.5154	11+50.62	N89°13'56"E
	POE	662947.3726	2204914.6322	12+96.75	
E. 69TH ST.					
	POB	662438.5644	2203668.1484	10+00.00	
	POE	662787.7600	2203830.6803	13+85.17	N24°57'34"E
E. 71ST PL.					
	POB	662989.9843	2204598.4388	10+00.00	
	POE	663313.9831	2204597.5698	13+24.00	N0°09'13"W
E. 73RD ST.					
	POB	662735.2171	2204904.4516	10+00.00	
	POE	663314.7855	2204896.6853	15+79.62	N0°46'04"W
E. 75TH ST.					
	POB	662475.2479	2205262.5766	10+00.00	
	POE	664312.2185	2205237.5730	28+37.14	N0°46'47"W
E. 79TH ST.					
	POB	662206.0470	2206211.5560	10+00.00	
	POE	663908.5700	2206180.9730	27+02.80	N1°01'45"W
E. 89TH ST. (EXISTING - SOUTH OF BUCKEYE RD.)					
	POB	663662.0964	2208255.9254	10+00.00	
	POE	664110.9031	2208510.3705	15+15.92	N29°33'02"E
E. 89TH ST. (EXISTING - NORTH OF BUCKEYE RD.)					
	POB	664112.1914	2208508.3485	15+18.31	
	PI	664897.1300	2208501.4320	23+03.28	N0°30'17"W
	POE	666783.3770	2208483.7700	41+89.61	N0°32'11"W
E. 89TH ST. (PROPOSED)					
	POB	664112.1914	2208508.3485	15+18.31	
	PI	664551.6452	2208504.4762	19+57.78	N0°30'17"W
	POE	664617.0152	2208385.9684	20+93.13	N61°07'06"W
EVARTS RD.					
	OC/ EVARTS	663936.6319	2207771.714	198+54.20	
	POB	663967.7388	2207717.0343	20+00.00	
	PI	663819.3546	2207977.8612	23+00.08	S60°21'52"E
	PI	663820.4087	2207978.4614	23+01.29	N29°39'32"E
	POE	663662.0964	2208255.9254	26+20.74	S60°17'32"E
FREDERICK AVE.					
	POB	665554.1873	2207724.3706	9+29.12	
	POE	665564.8434	2208495.1798	17+00.00	N89°12'29"E

CURVE	CONTROL POINT	NORTHING	EASTING	STATION	BEARING
	POE	663662.0964	2208255.9254	26+20.74	S60°17'32"E
FREDERICK AVE.					
	POB	665554.1873	2207724.3706	9+29.12	
	POE	665564.8434	2208495.1798	17+00.00	N89°12'29"E
GRAND AVE. (EXISTING - NSRR TO BUCKEYE RD.)					
	POB	663806.9952	2207625.5847	10+00.00	
	POE	664443.8053	2207987.8763	17+32.65	N29°38'11"E
GRAND AVE. (EXISTING - RTA ENTRANCE TO MCTECH)					
	POB	663312.2732	2203960.0443	10+00.00	
	PI	663315.7362	2205251.1364	22+91.10	N89°50'47"E
	PI	663312.1139	2205251.1857	22+94.72	S0°46'47"E
	POE	663315.2621	2206191.6308	32+35.17	N89°48'30"E
GRAND AVE. (PROPOSED)					
	POB	664182.1624	2207493.3516	3+00.00	
	PC	664045.9537	2207732.7694	5+75.45	S60°21'49"E
GRAND	PI	664033.5914	2207754.4990	6+00.45	
	PT	664055.3210	2207766.8613	6+14.72	N29°38'11"E
	POE	664443.8053	2207987.8763	10+61.68	
HOLTON AVE.					
	POB	662612.1326	2205260.7134	30+00.00	
	PI	662616.8260	2206204.1770	39+43.48	N89°42'54"E
	PI	662641.8419	2206203.7277	39+68.50	N1°01'45"W
	PI	662645.3638	2206399.7893	41+64.59	N88°58'15"E
	PI	662643.0182	2206399.8315	41+66.93	S1°01'45"E
	POE	662651.1309	2207892.9859	56+60.11	N89°41'19"E
KENNEDY AVE.					
	OC/ KENNEDY	664617.0152	2208385.9684	207+79.85	
	POB	664551.6452	2208504.4762	20+00.00	
	POE	664567.6185	2209302.4514	27+98.14	N88°51'12"E
KINSMAN RD. (EXISTING)					
	POB	663534.6868	2202066.8313	20+00.00	
	PI	662776.6581	2203143.7178	33+16.93	S54°51'29"E
	POE	660453.9110	2206746.6230	76+03.66	S57°11'26"E
KINSMAN RD. (PROPOSED)					
	POB	662843.9600	2203048.1000	10+00.00	
	PI	662776.6600	2203143.7200	11+16.93	S54°51'29"E
	PI	662641.0923	2203343.8498	13+58.65	S55°53'13"E
	PI	662483.2252	2203588.7227	16+50.00	S57°11'26"E
	PI	662368.6782	2203776.5517	18+70.00	S58°37'23"E
	POE	662244.0539	2203969.8614	21+00.00	S57°11'26"E
LISBON RD. (EXISTING)					
	POB	663956.1734	2207364.3259	10+00.00	
	PI	664440.1350	2207640.5520	15+57.24	N29°42'58"E
	POE	664572.3088	2207786.1883	17+53.91	N47°46'28"E
LISBON RD. (PROPOSED)					
		663778.4854	2207507.0330	195+45.79	
	POB	663778.4854	2207507.0330	8+13.16	N29°57'11"W
LISBON	PC	663905.0447	2207434.1022	9+59.23	
	PI	663991.3192	2207384.3857	10+58.80	N29°42'58"E
	PT	664077.7987	2207433.7448	11+40.04	
	PI	664440.1350	2207640.5520	15+57.24	N47°46'28"E
	POE	664572.3088	2207786.1883	17+53.91	
RAWLINGS AVE. (EXISTING)					
	POB	662961.9885	2205255.9514	20+00.00	
	PI	662966.7274	2206197.8916	29+41.95	N89°42'42"E
	POE	662973.0366	2207324.7940	40+68.87	N89°40'45"E

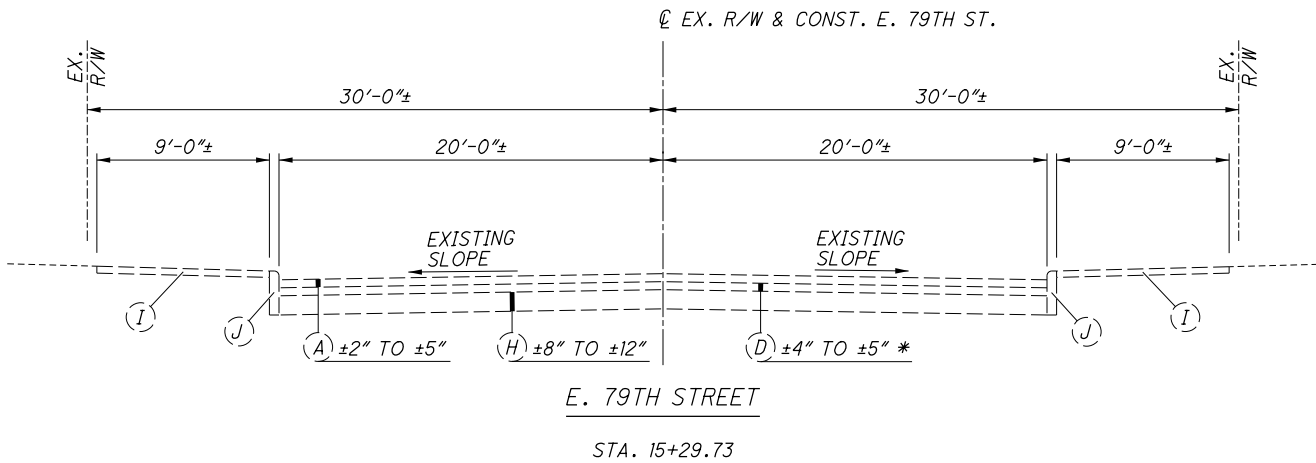
CURVE	CONTROL POINT	NORTHING	EASTING	STATION	BEARING
RAWLINGS AVE. (PROPOSED)					
	OC/ RAWLINGS	664317.2055	2208186.7010	204+19.33	
	POB	663176.6409	2206424.6754	30+62.71	
RAWLINGS	PC	663109.3348	2206450.0041	31+34.63	S20°37'21"E
	PI	662968.4357	2206503.0274	32+85.17	
	PT	662969.2786	2206653.5708	33+97.64	N89°40'45"E
	POE	662973.0366	2207324.7940	40+68.87	
TENNYSON RD.					
	POB	663819.35	2207977.86	10+00.00	
	POE	664282.24	2208241.45	15+32.68	N29°39'32"E
WOODLAND AVE.					
	POB	664870.16	2207318.70	20+00.00	
	PI	664897.13	2208501.43	31+83.04	N88°41'38"E
	POE	664948.73	2211133.15	58+15.26	N88°52'36"E

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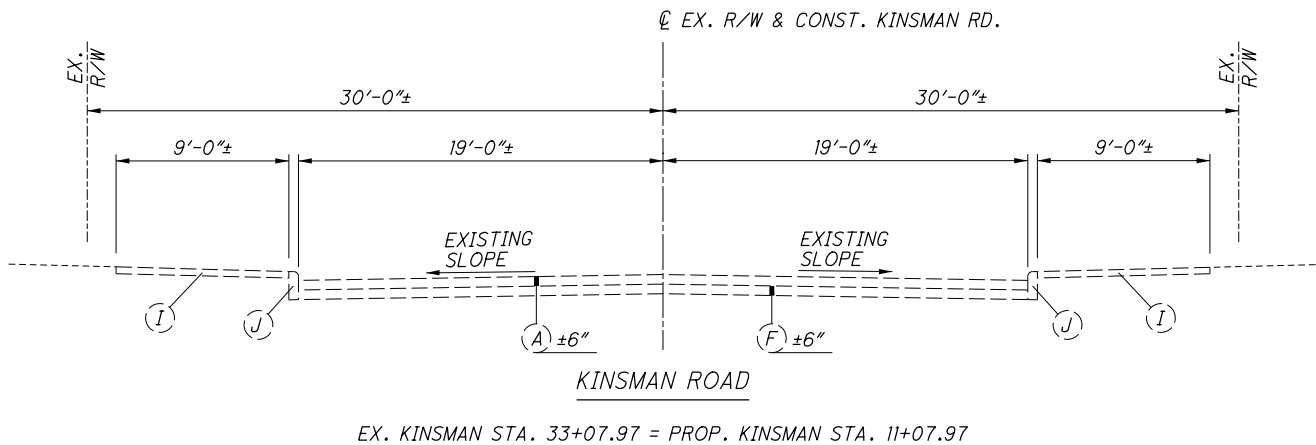
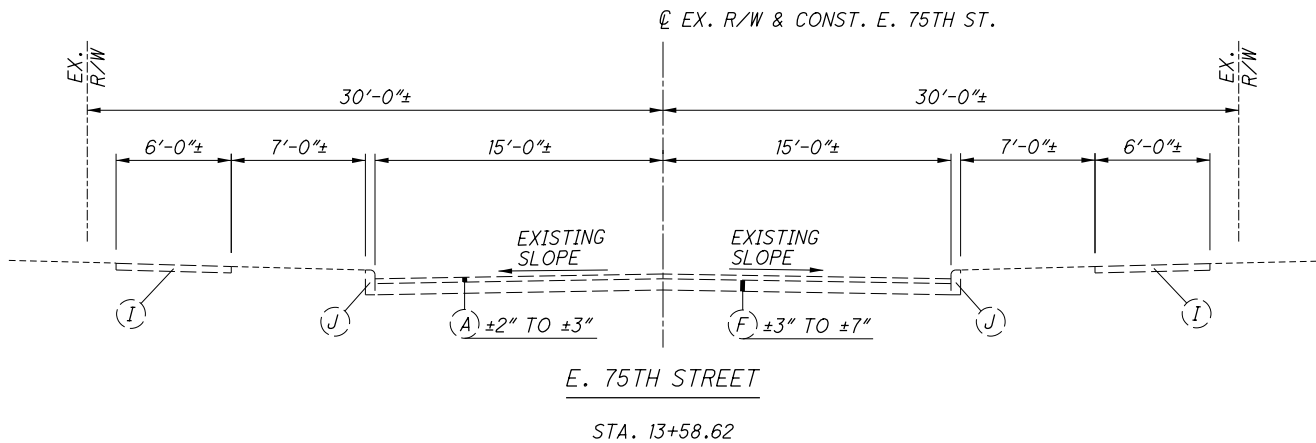
LEGEND

- (A) EXISTING ASPHALT CONCRETE
- (B) EXISTING CONCRETE PAVEMENT
- (C) EXISTING GRANITE PAVING STONE
- (D) EXISTING BRICK
- (E) EXISTING BRICK PAVING STONE
- (F) EXISTING SANDSTONE PAVING STONE
- (G) EXISTING AGGREGATE BASE
- (H) EXISTING CONCRETE BASE
- (I) EXISTING 4" CONCRETE WALK
- (J) EXISTING CONCRETE CURB
- (K) EXISTING CONCRETE BARRIER
- (L) EXISTING CONCRETE MEDIAN
- (M) EXISTING GUARDRAIL
- (N) EXISTING 6" UNDERDRAIN
- (O) EXISTING PLAIN CONCRETE BASE
- (P) EXISTING PREFABRICATED EDGE UNDERDRAIN
- (Q) EXISTING STONE UNDERDRAINS
- (R) RUMBLE STRIP
- (S) EXISTING REINFORCED CONCRETE APPROACH SLAB
- (T) EXISTING LONGITUDINAL JOINT
- (U) DUCT BANK
- (V) EXISTING NON-REINFORCED CONCRETE PAVEMENT
- (W) EXISTING 4" UNDERDRAIN
- (Y) EXISTING 12" GRANULAR MATERIAL TYPE B WITH GEOGRID

FOR PROPOSED LEGEND, SEE SHEET 19



E. 79TH STREET:  
\* - 4" THICK BRICK WITH 1" LSM LEVELING COURSE  
S. OF RAWLINGS AVE.



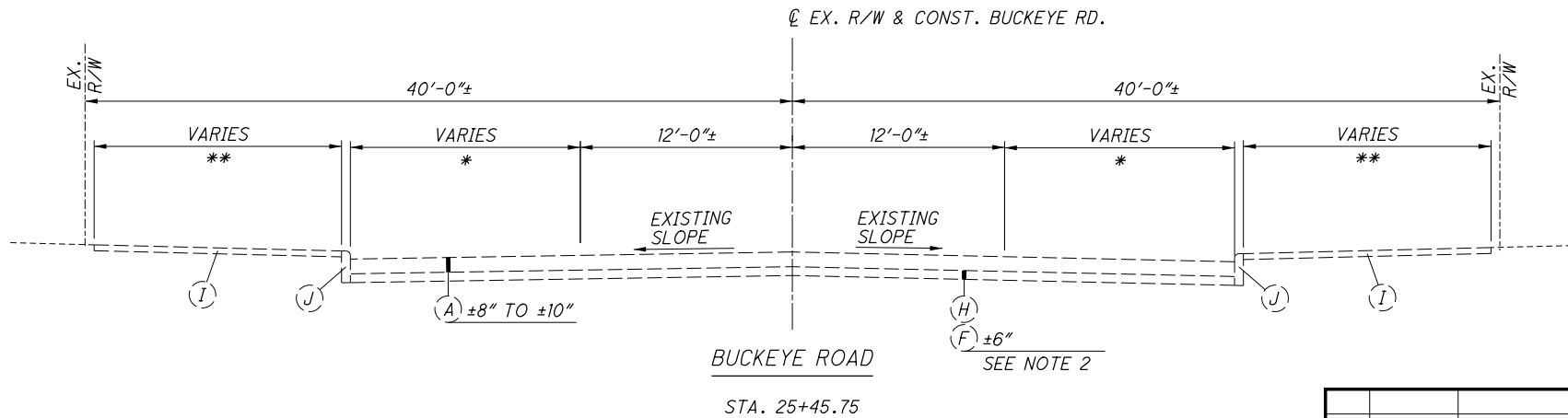
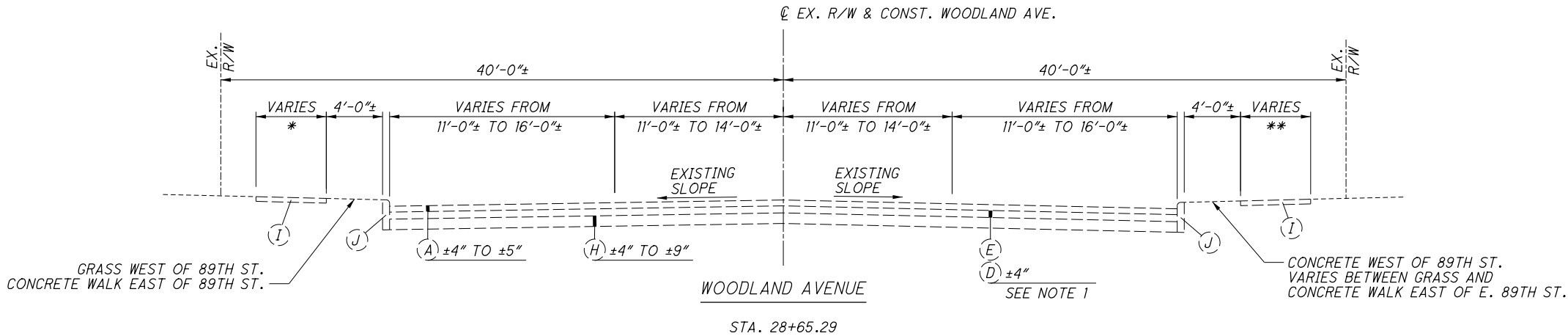
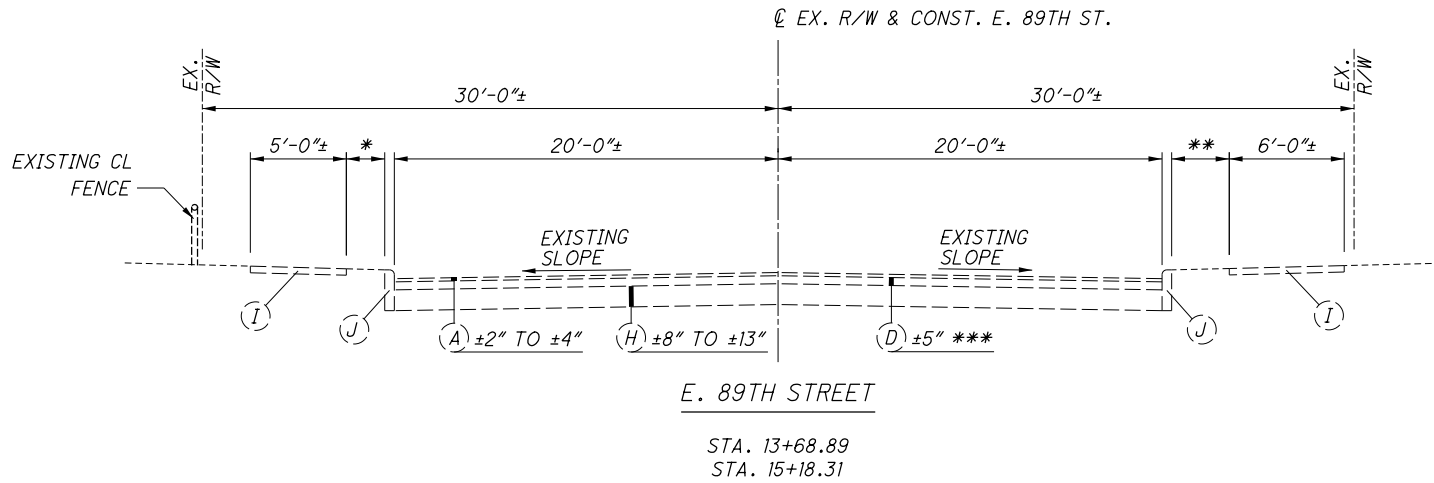
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NOTE 1:  
WOODLAND AVENUE:  
4"± BRICK PAVING STONE WITH 0.5"±  
LSM LEVELING SAND @ 89TH ST.  
  
4"± BRICK WITH 1.5"± LSM LEVELING  
SAND BETWEEN 93RD AND 89TH ST.  
  
\* - SIDEWALK VARIES FROM 5'-0"±  
TO 10'-0"±  
  
\*\* - SIDEWALK VARIES FROM 4'-0"±  
TO 6'-6"±

NOTE 2:  
BUCKEYE ROAD:  
6"± CONCRETE BASE W. OF E. 87TH ST.  
6"± SANDSTONE PAVING STONE W. OF E. 89TH  
ST.  
  
\* LANE WIDTH VARIES FROM 16'-0"± TO 13'-0"±  
SOUTH OF GRAND AVE.  
  
\*\* SIDEWALK VARIES FROM 14'-0"±  
TO 10'-0"± SOUTH OF GRAND AVE.

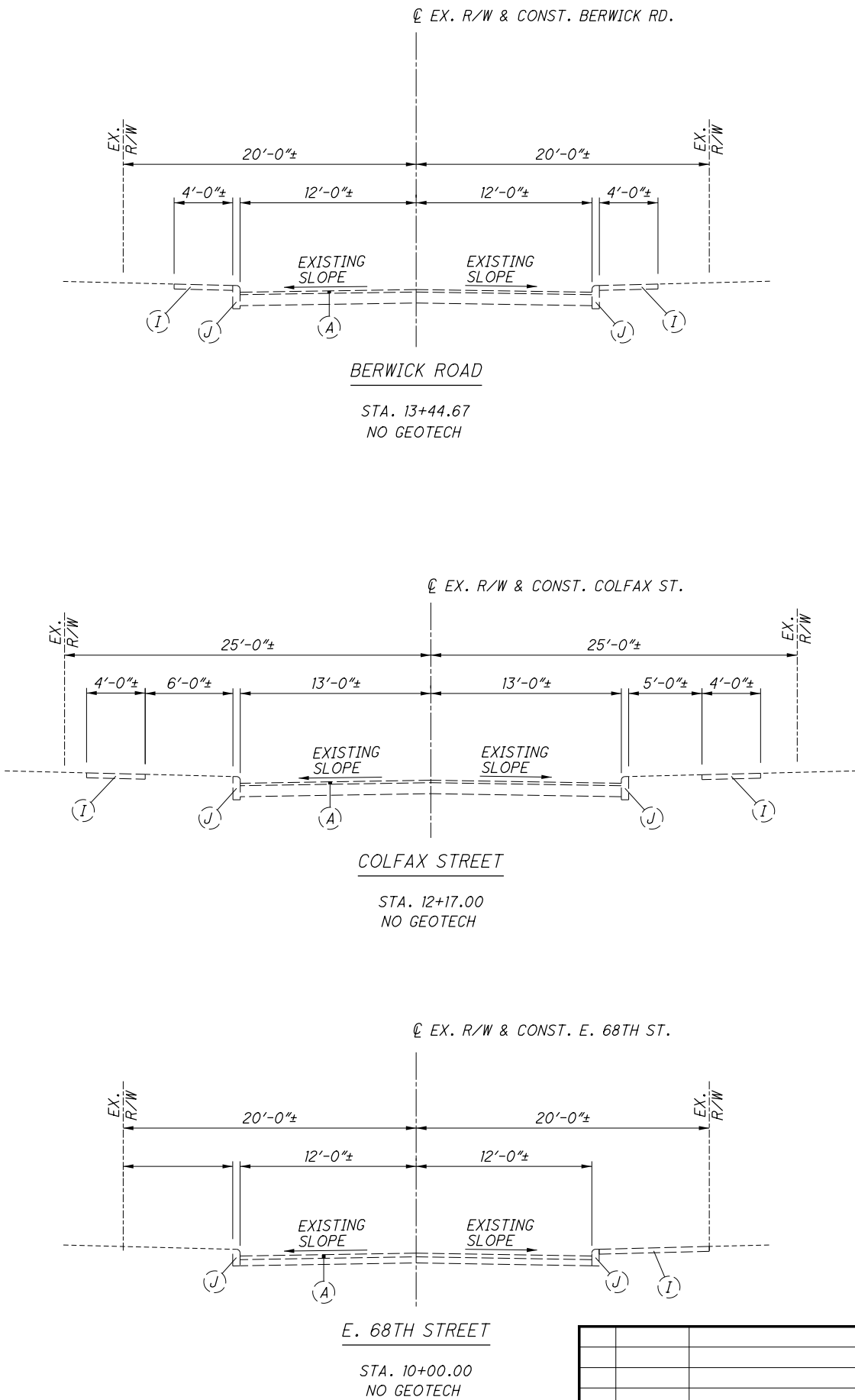
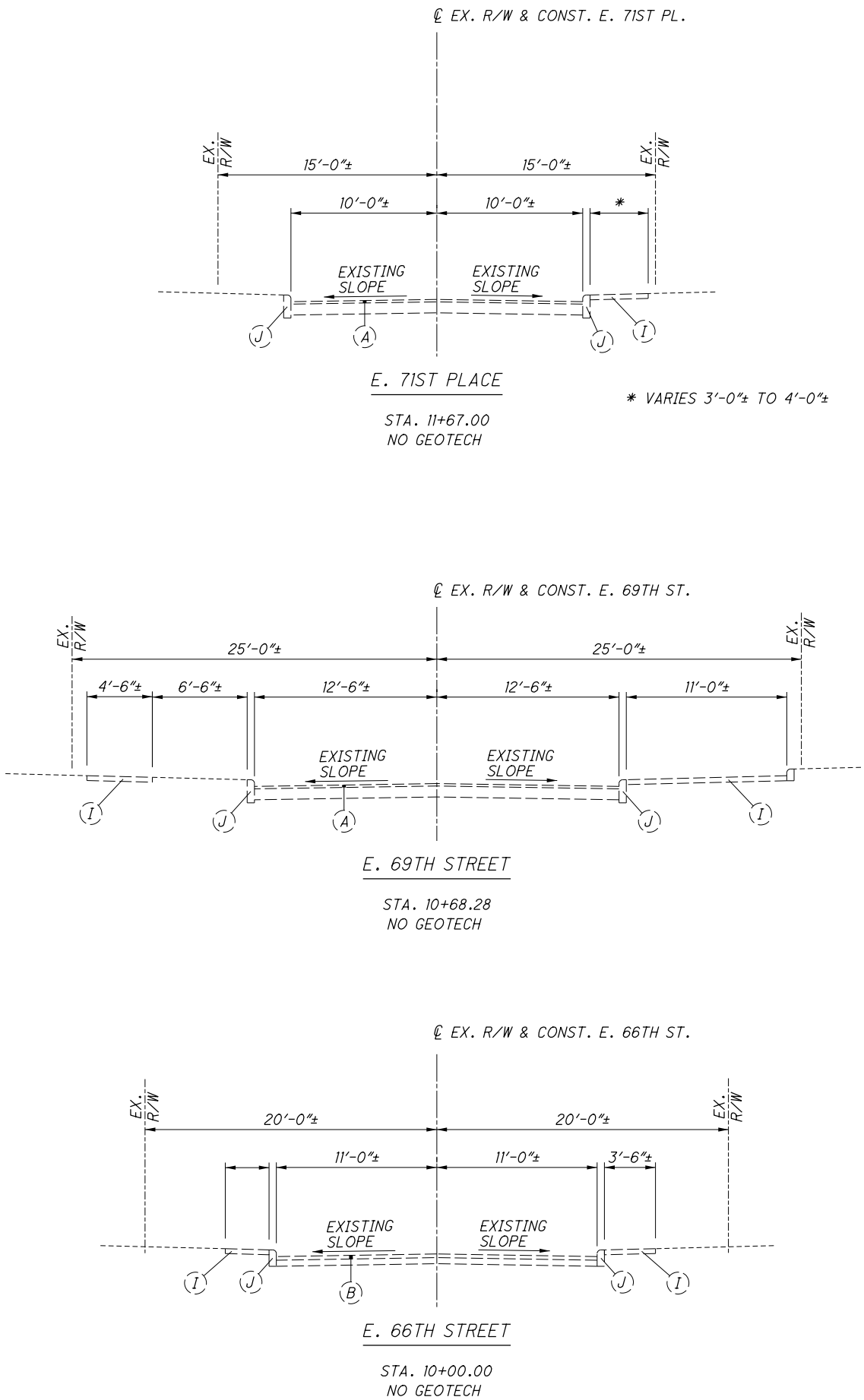
\* - VARIES FROM 0'-0" TO 2'-0"±  
\*\* - VARIES FROM 0'-0" TO 3'-0"±  
\*\*\* - 4" THICK BRICK WITH 1" LSM LEVELING COURSE



FOR EXISTING LEGEND, SEE SHEET 14  
FOR PROPOSED LEGEND, SEE SHEET 19

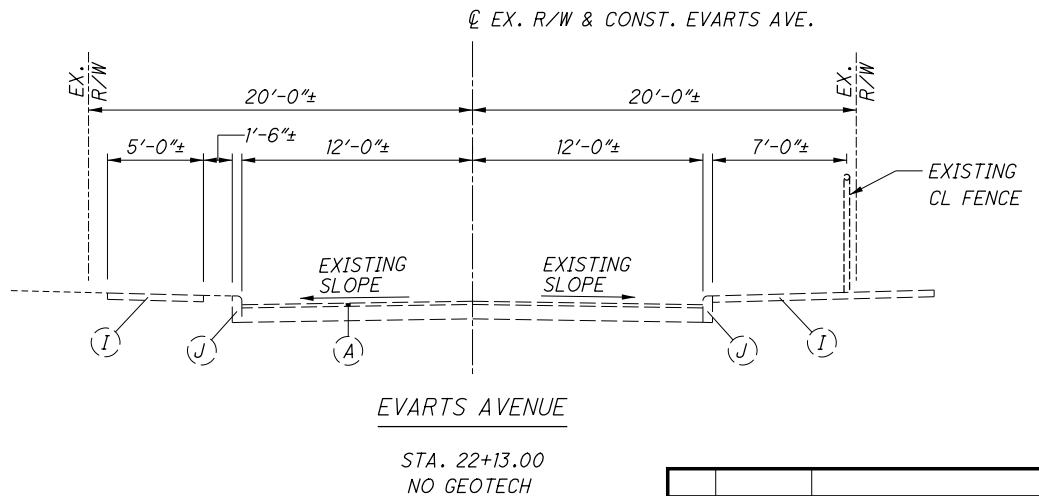
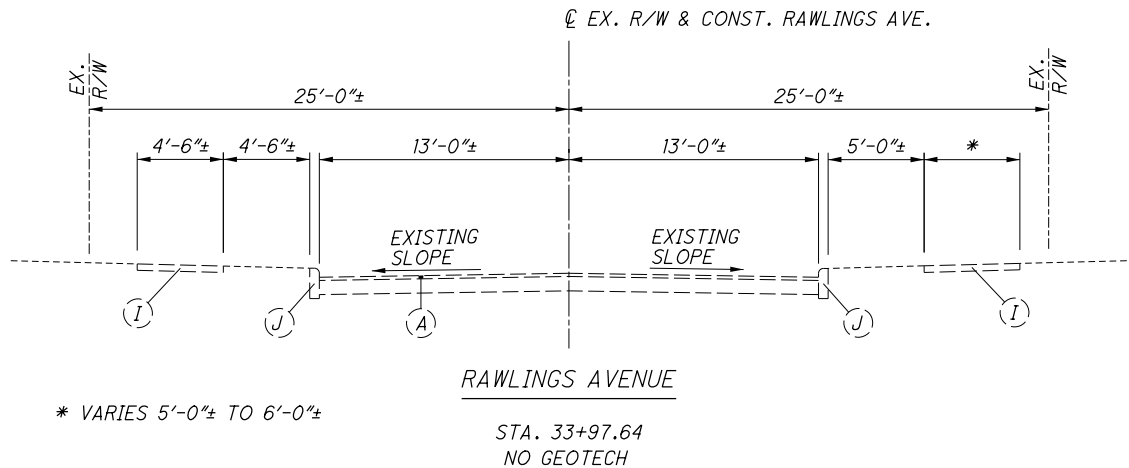
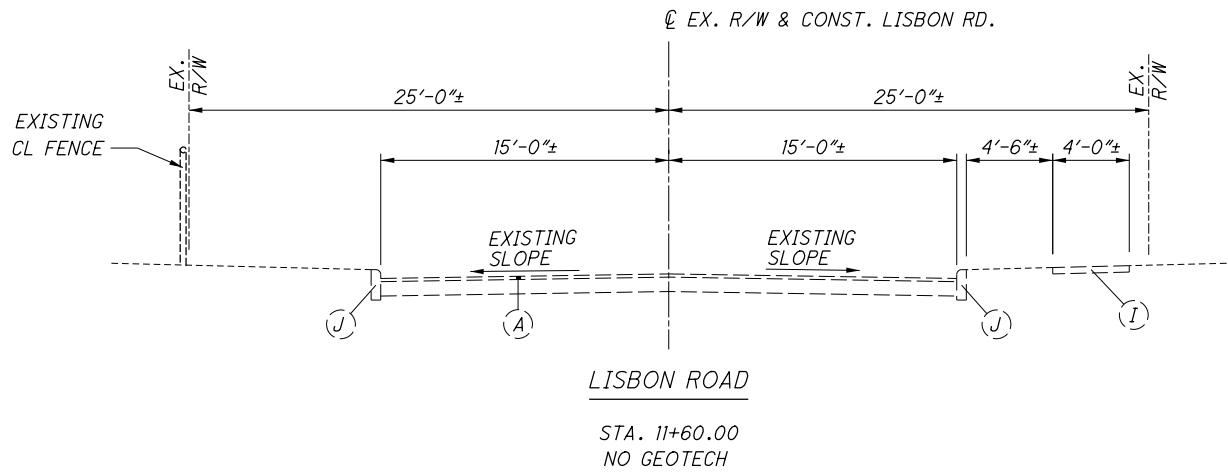
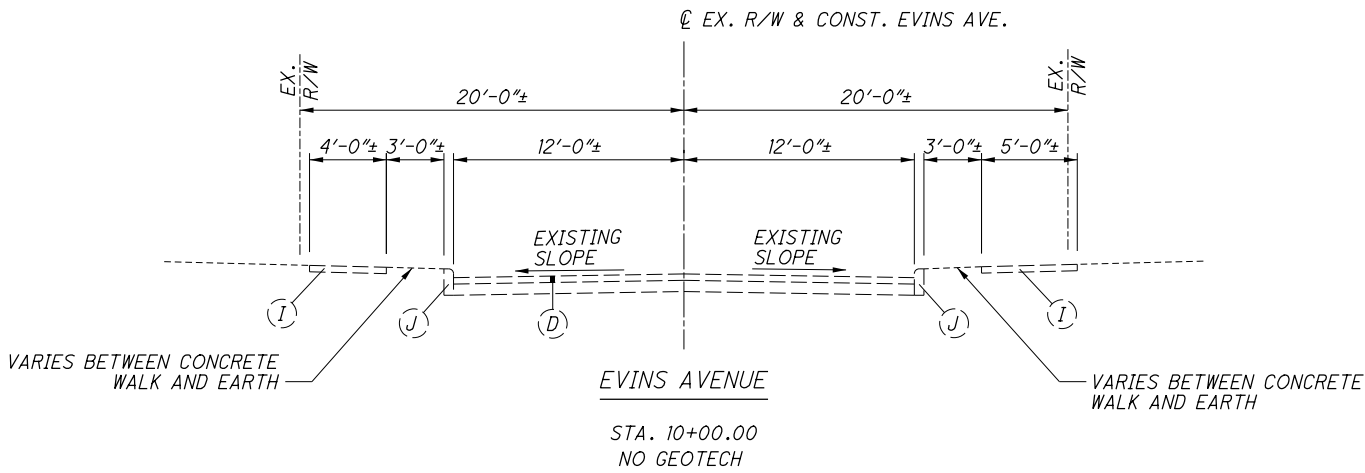
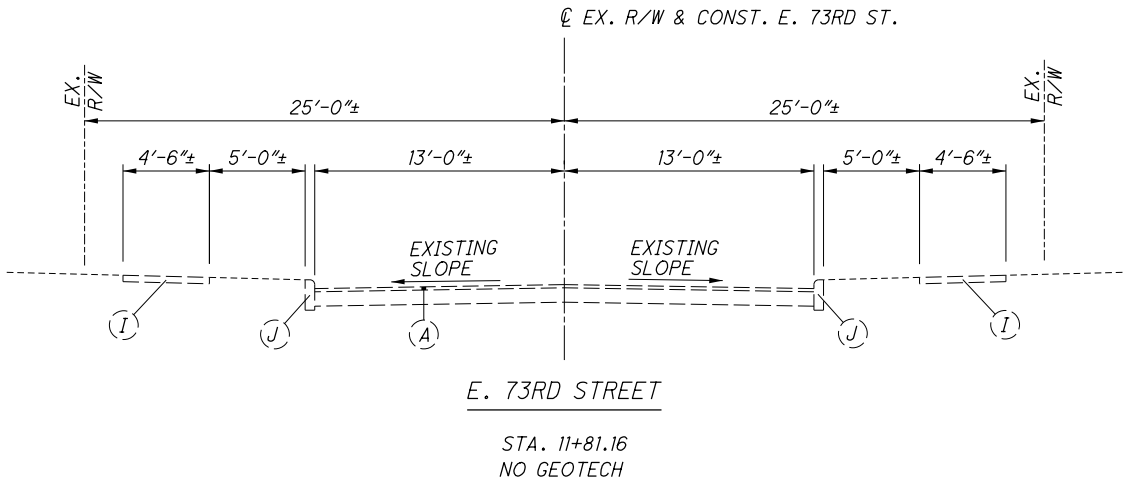
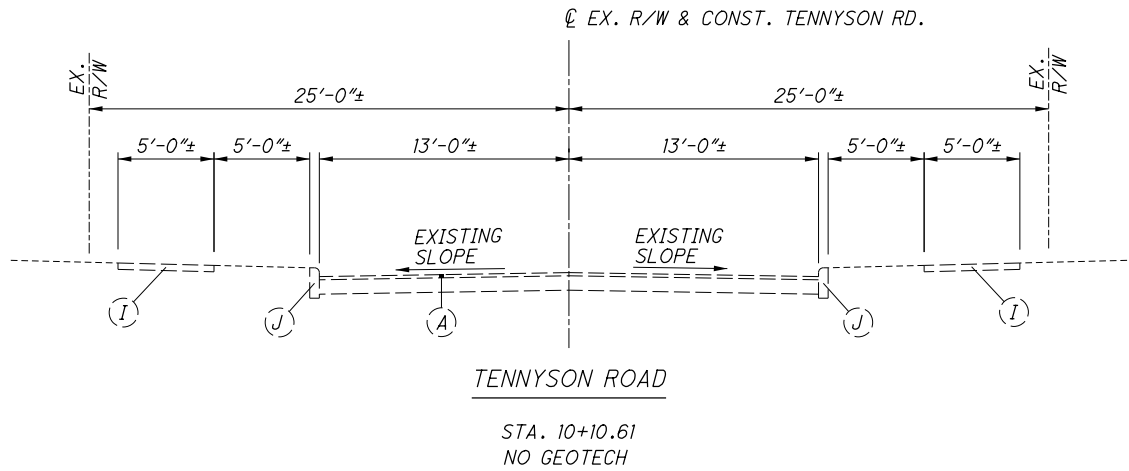
NO.	DATE	DESCRIPTION	ISSUE RECORD
0	2019-06-13	RFC	

FOR EXISTING LEGEND, SEE SHEET 14  
FOR PROPOSED LEGEND, SEE SHEET 19



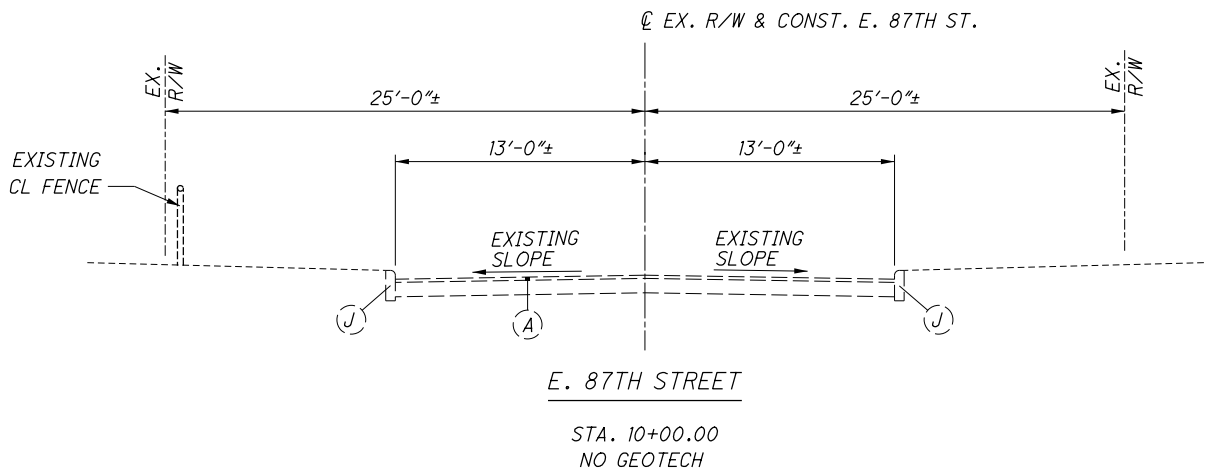
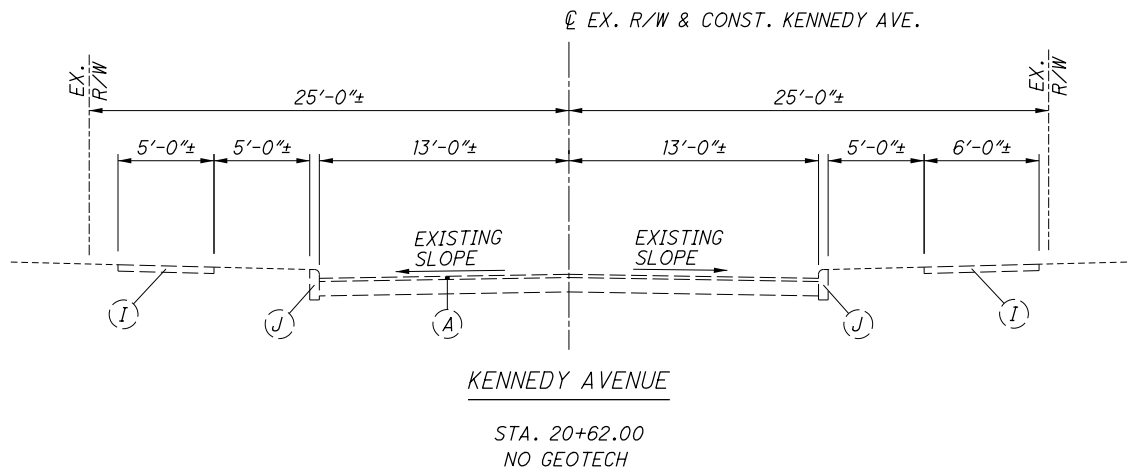
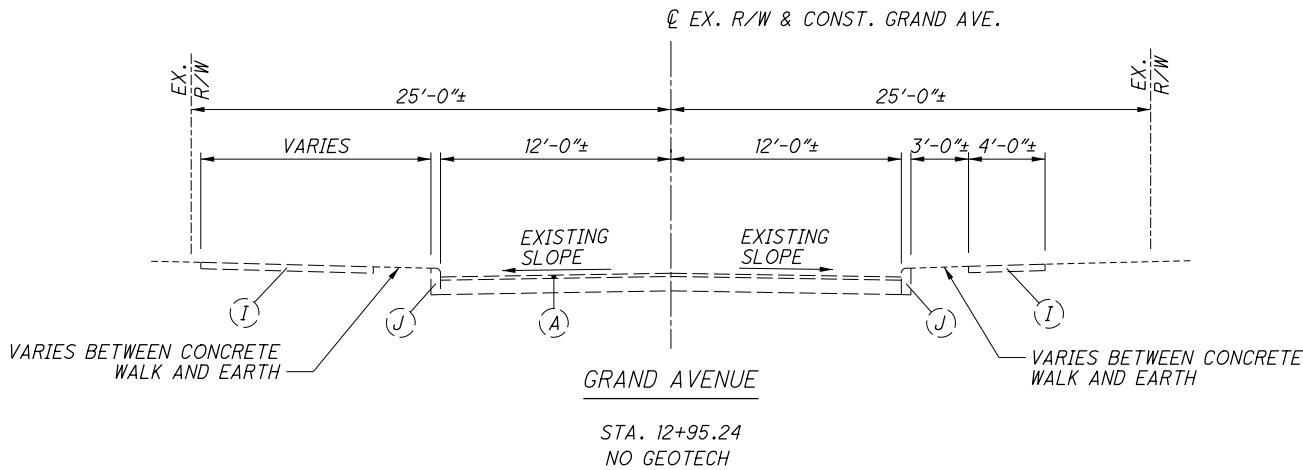
0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
ISSUE RECORD		

FOR EXISTING LEGEND, SEE SHEET 14  
FOR PROPOSED LEGEND, SEE SHEET 19



NO.			DATE		DESCRIPTION	
0			2019-06-13		RFC	
					ISSUE RECORD	

FOR EXISTING LEGEND, SEE SHEET 14  
FOR PROPOSED LEGEND, SEE SHEET 19



0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
ISSUE RECORD		



- LEGEND
- ① ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (448), PG 64-22
  - ② ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2 (448), PG 64-22
  - ③ ITEM 407 - NON-TRACKING TACK COAT
  - ④ ITEM 304 - 8" AGGREGATE BASE, AS PER PLAN
  - ⑤ ITEM 204 - SUBGRADE COMPACTION
  - ⑥ ITEM 608 - 6" CONCRETE WALK, AS PER PLAN
  - ⑦ ITEM 605 - 6" BASE PIPE UNDERDRAINS, WITH GEOTEXTILE FABRIC
  - ⑧ ITEM 659 - SEEDING AND MULCHING, AS PER PLAN
  - ⑨ ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (448), PG 70-22M
  - ⑩ ITEM 442 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (448)
  - ⑪ ITEM 302 - 8 3/4" ASPHALT CONCRETE BASE, PG64-22
  - ⑫ ITEM 304 - 6" AGGREGATE BASE, AS PER PLAN
  - ⑬ ITEM 609 - CURB, TYPE 6, AS PER PLAN
  - ⑭ ITEM 204 - EXCAVATION OF SUBGRADE (T = 12")\*
  - ⑮ ITEM 204 - 12" GRANULAR MATERIAL, TYPE B, AS PER PLAN\*
  - ⑯ ITEM 204 - EXCAVATION OF SUBGRADE, AS PER PLAN
  - ⑰ ITEM 861 - GEOGRID FOR SUBGRADE STABILIZATION (AS DIRECTED BY THE ENGINEER)
  - ⑱ ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 70-22M
  - ⑲ ITEM 301 - 9" ASPHALT CONCRETE BASE, PG64-22
  - ⑳ ITEM 608 - 4" CONCRETE WALK, AS PER PLAN
  - ㉑ ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T = 17"), AS PER PLAN
  - ㉒ ITEM 206 - CEMENT STABILIZED SUBGRADE
  - ㉓ ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 2 1/4")
  - ㉔ ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3")
  - ㉕ ITEM 441 - 1" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1 (448), PG 64-22
  - ㉖ ITEM 204 - GEOTEXTILE FABRIC
  - ㉗ ITEM 448 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG 64-22
  - ㉘ ITEM 301 - 6" ASPHALT CONCRETE BASE
  - ㉙ ITEM 304 - 6" AGGREGATE BASE
  - ㉚ ITEM 452 - 8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QCI
  - ㉛ ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 1 1/4")
  - ㉜ ITEM 605 - ROCK CUT UNDERDRAINS WITH GEOTEXTILE FABRIC
  - ㉝ ITEM 703 - 2" CRUSHED STONE COMPACTED SCREENINGS BED
  - ㉞ ITEM 250 - PAVEMENT REPAIRS
  - ㉟ ITEM 304 - AGGREGATE BASE
  - ㊱ ITEM 451 - 12" REINFORCED CONCRETE PAVEMENT
  - Ⓛ LONGITUDINAL JOINT

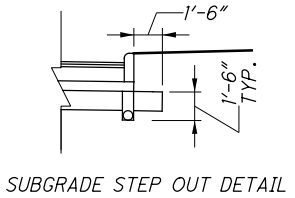
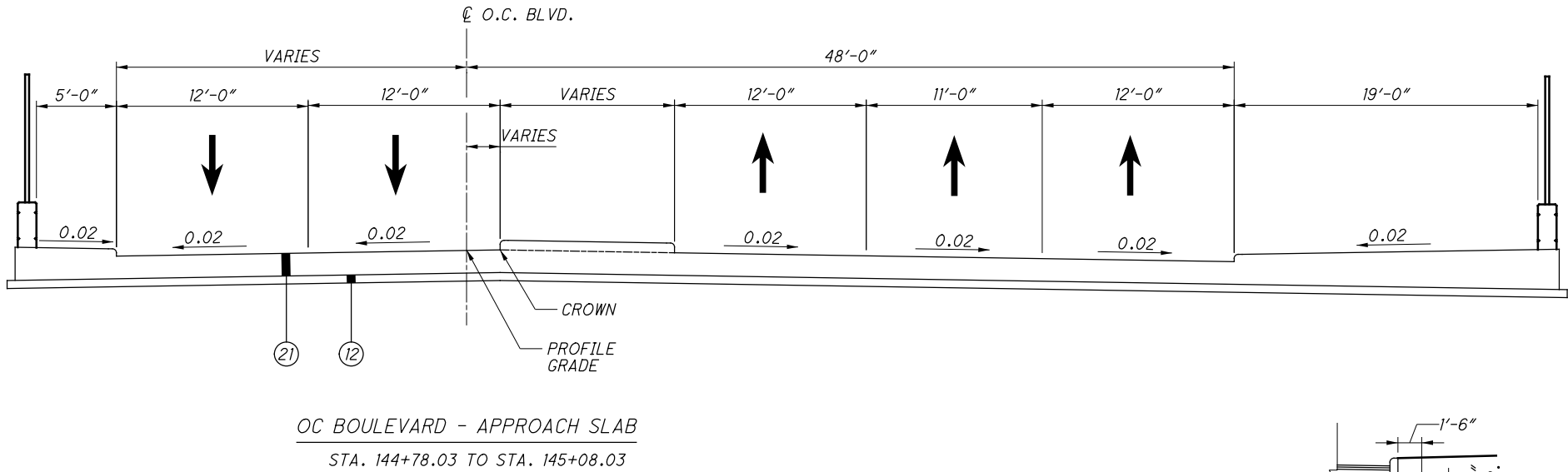
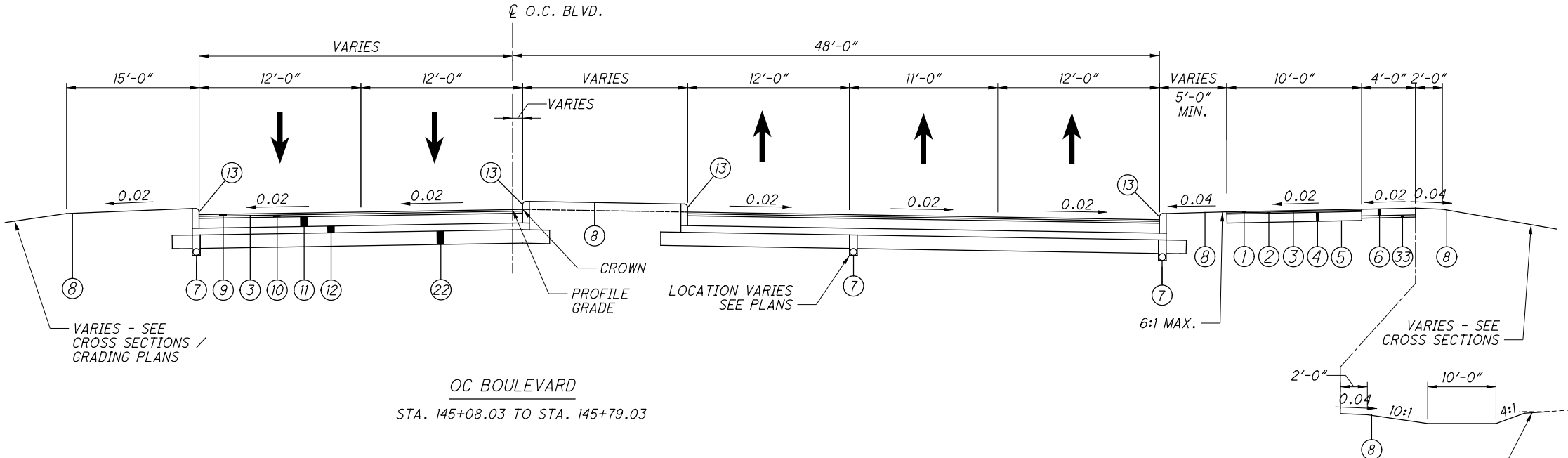
\*DEPTH OF EXCAVATION AND THICKNESS OF REPLACEMENT MATERIAL MAY VARY AS DIRECTED BY THE ENGINEER BASED ON SUBGRADE CONDITIONS.

NOTES

WHERE THE TYPICAL SECTIONS INDICATE "VARIES", SEE PLAN SHEETS.

BU-15 BEGINS AT STATION 142+38.87  
BRIDGE LIMITS EXTEND FROM 142+38.87 TO STA. 144+78.03

FOR EXISTING LEGEND, SEE SHEET 14  
FOR SUBGRADE TREATMENT, SEE SHEET 30

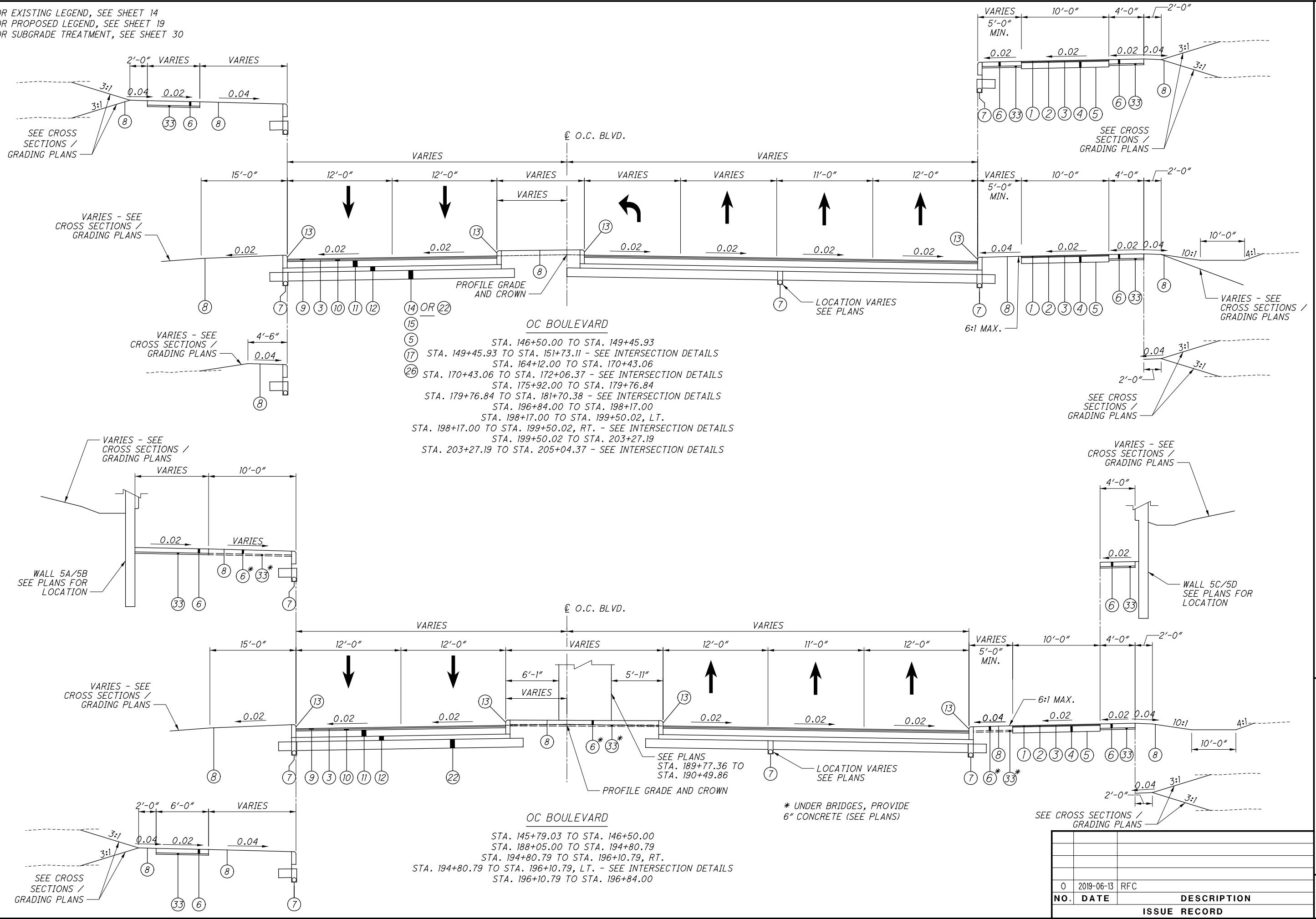


NO.	DATE	DESCRIPTION
0	2019-06-13	RFC
ISSUE RECORD		

PROPOSED TYPICAL SECTIONS

CUY-IR490/ SR010-  
2.09 / 19.28

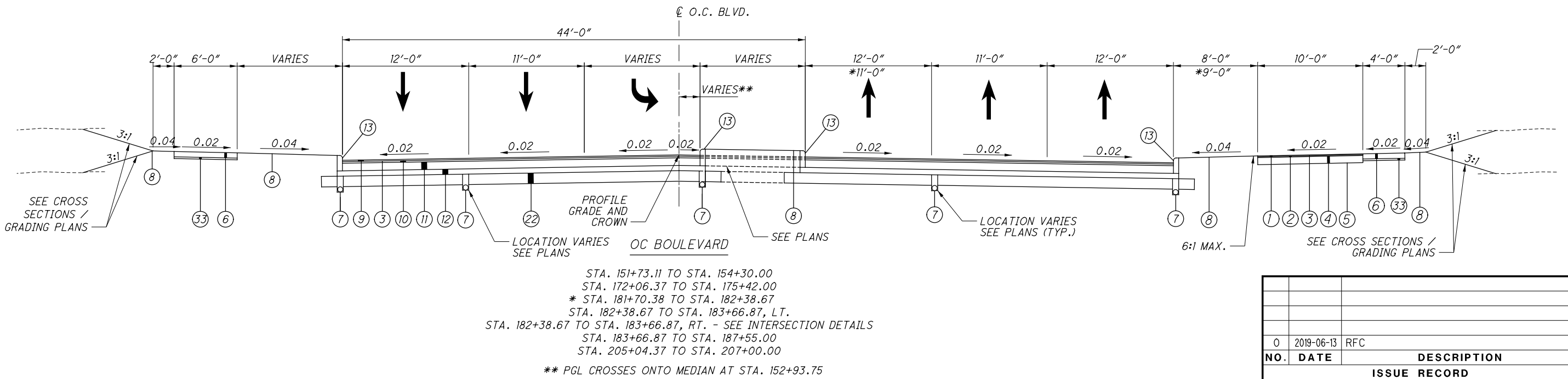
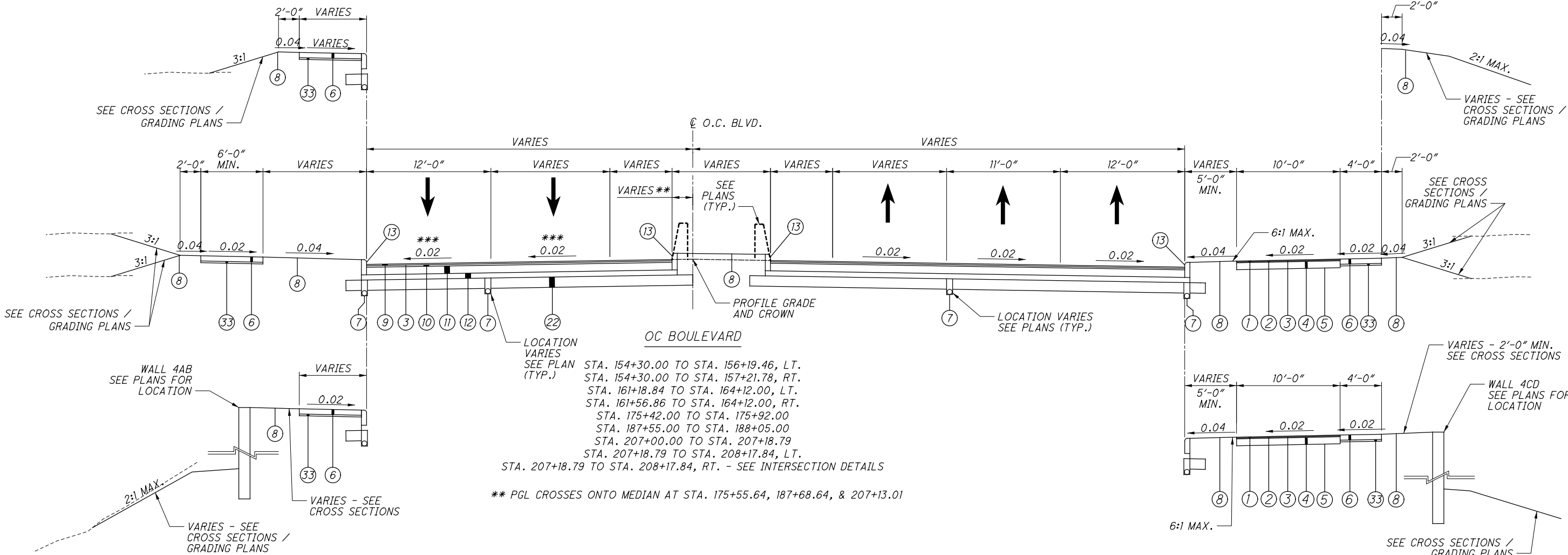
FOR EXISTING LEGEND, SEE SHEET 14  
FOR PROPOSED LEGEND, SEE SHEET 19  
FOR SUBGRADE TREATMENT, SEE SHEET 30



FOR EXISTING LEGEND, SEE SHEET 14  
FOR PROPOSED LEGEND, SEE SHEET 19  
FOR SUBGRADE TREATMENT, SEE SHEET 30

\*\*\* - SUPERELEVATION

STA. 207+50.00 - BEGIN SUPERELEVATION TRANSITION



BU-15 - ROADWAY & PAVEMENT - KINGSBURY RUN TO END PROJECT  
...\\Sheets\\BU-15\\96833\_GY102.dgn 7/11/2019 2:14:32 PM Maria.Tompkins

NO.			DATE		DESCRIPTION	
0			2019-06-13		RFC	
					ISSUE RECORD	

PROPOSED TYPICAL SECTIONS

CUY-IR490/ SR010-  
2.09 / 19.28

21  
437

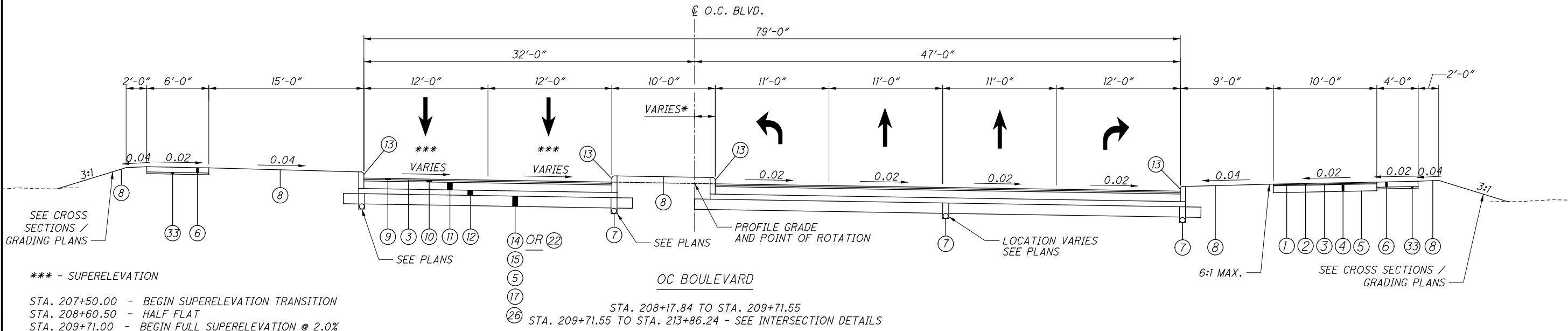
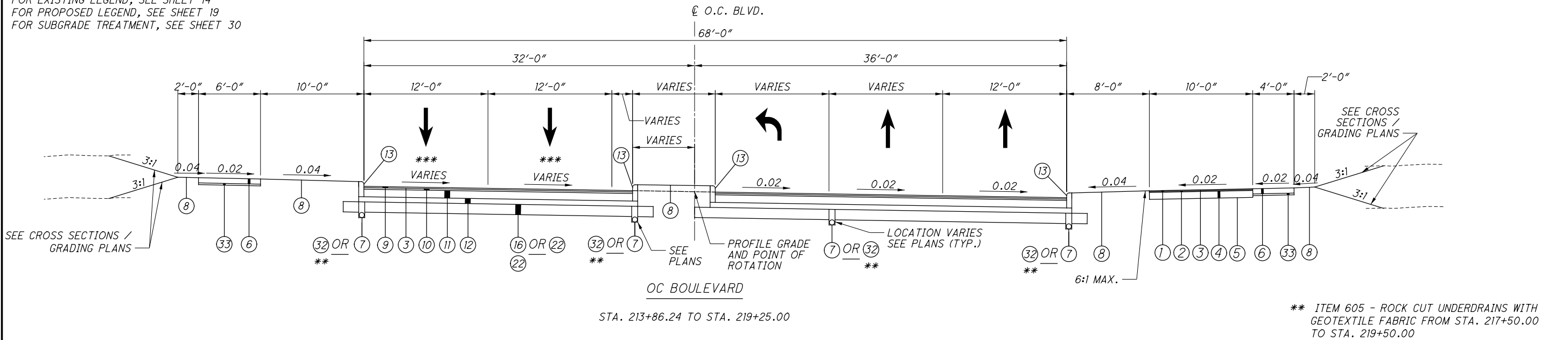
RECORD PLANS

RECORD PLANS

RECORD PLANS

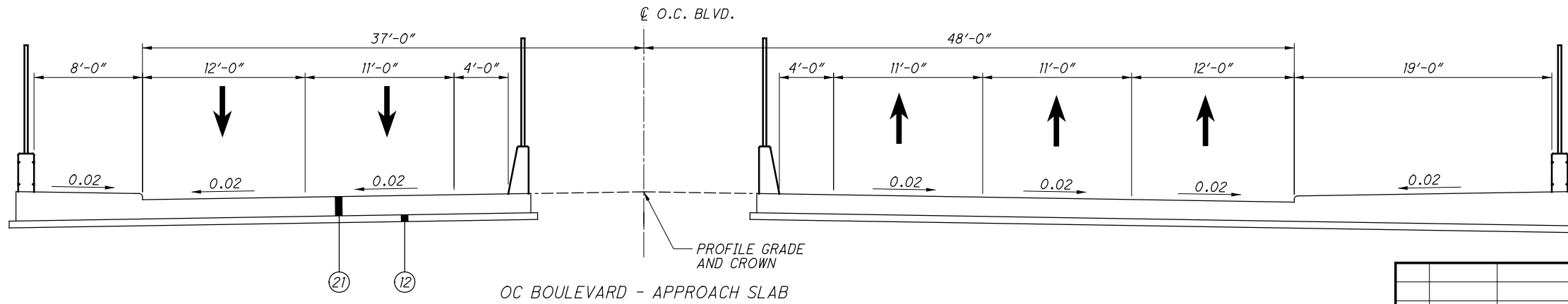
BU-15 - ROADWAY & PAVEMENT - KINGSBURY RUN TO END PROJECT  
...\\Sheets\\BU-15\\96833\_GY102.dgn 7/11/2019 2:14:35 PM Maria.Tompkins

FOR EXISTING LEGEND, SEE SHEET 14  
FOR PROPOSED LEGEND, SEE SHEET 19  
FOR SUBGRADE TREATMENT, SEE SHEET 30



\*\*\* - SUPERELEVATION  
STA. 207+50.00 - BEGIN SUPERELEVATION TRANSITION  
STA. 208+60.50 - HALF FLAT  
STA. 209+71.00 - BEGIN FULL SUPERELEVATION @ 2.0%  
STA. 217+04.00 - END FULL SUPERELEVATION @ 2.0%  
STA. 218+14.50 - HALF FLAT  
STA. 219+25.00 - END SUPERELEVATION TRANSITION

\* PGL CROSSES ONTO MEDIAN AT STA. 213+61.80



STA. 156+19.46 TO STA. 156+49.46, LT.  
STA. 157+21.78 TO STA. 157+51.78, RT.  
STA. 160+88.84 TO STA. 161+18.84, LT.  
STA. 161+26.86 TO STA. 161+56.86, RT.

ISSUE RECORD		
NO.	DATE	DESCRIPTION
0	2019-06-13	RFC
22	2.09 / 19.28	

PROPOSED TYPICAL SECTIONS

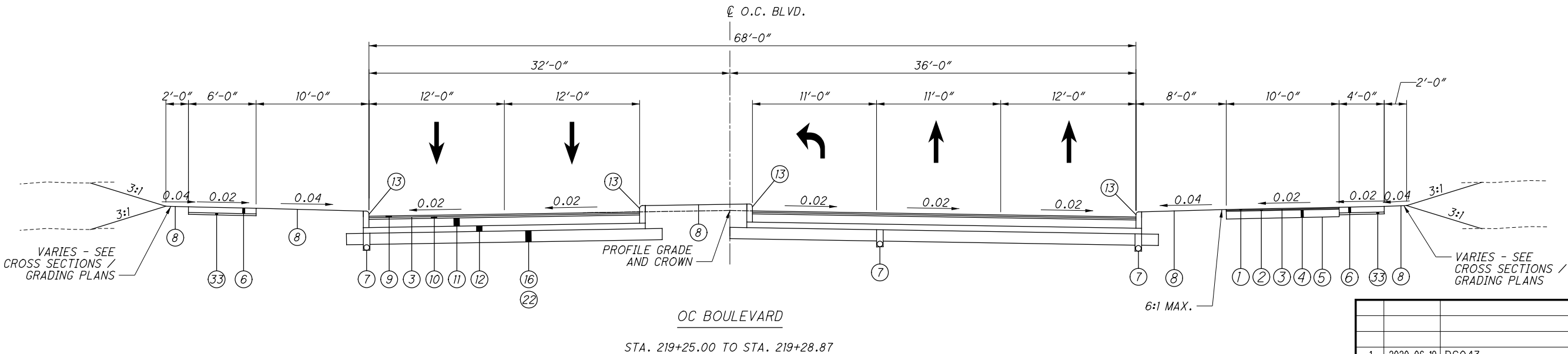
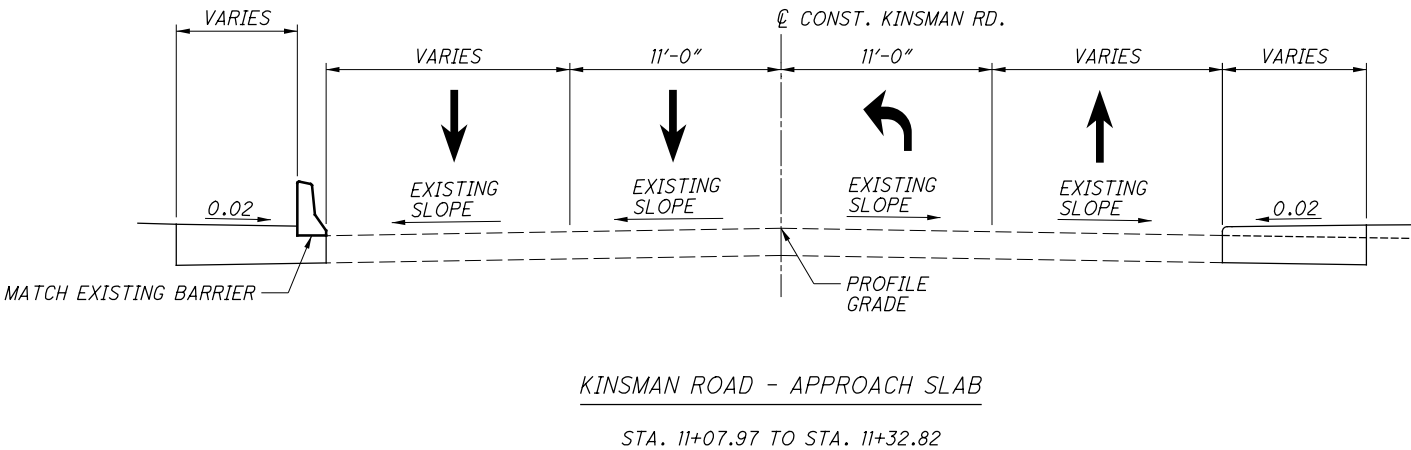
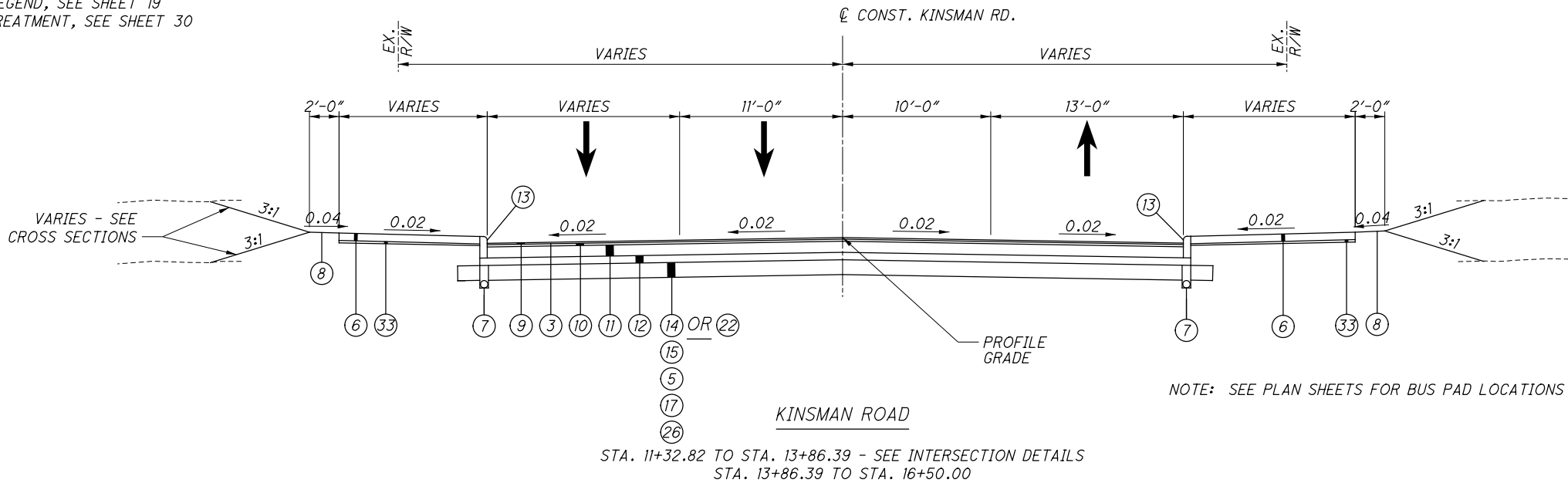
CUY-IR490/ SR010-2.09 / 19.28

RECORD PLANS

RECORD PLANS

RECORD PLANS

FOR EXISTING LEGEND, SEE SHEET 14  
FOR PROPOSED LEGEND, SEE SHEET 19  
FOR SUBGRADE TREATMENT, SEE SHEET 30



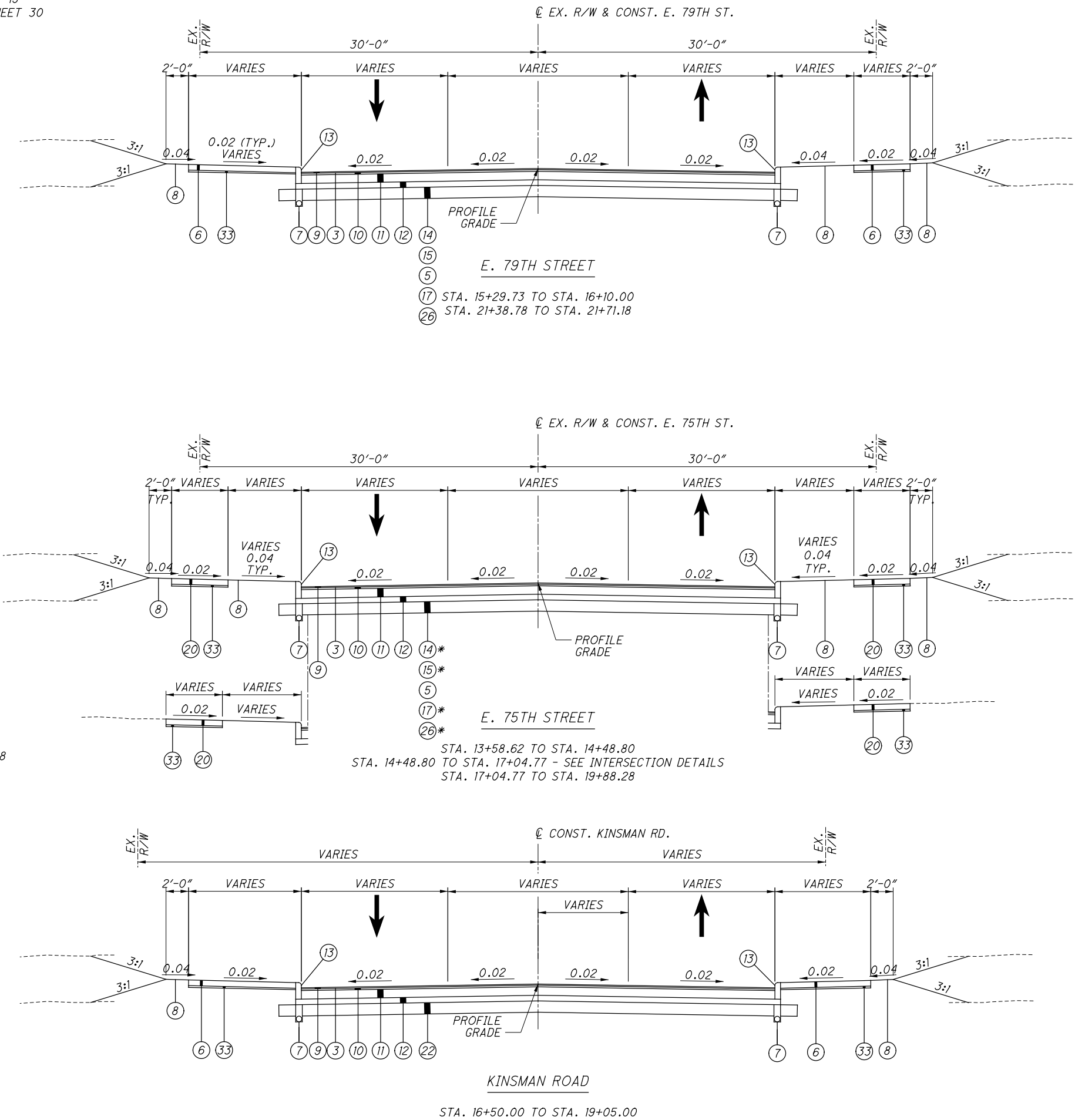
NO.	DATE	DESCRIPTION
1	2020-06-19	DC043
0	2019-06-13	RFC
ISSUE RECORD		

PROPOSED TYPICAL SECTIONS

CUY-IR490/ SR010-  
2.09 / 19.28

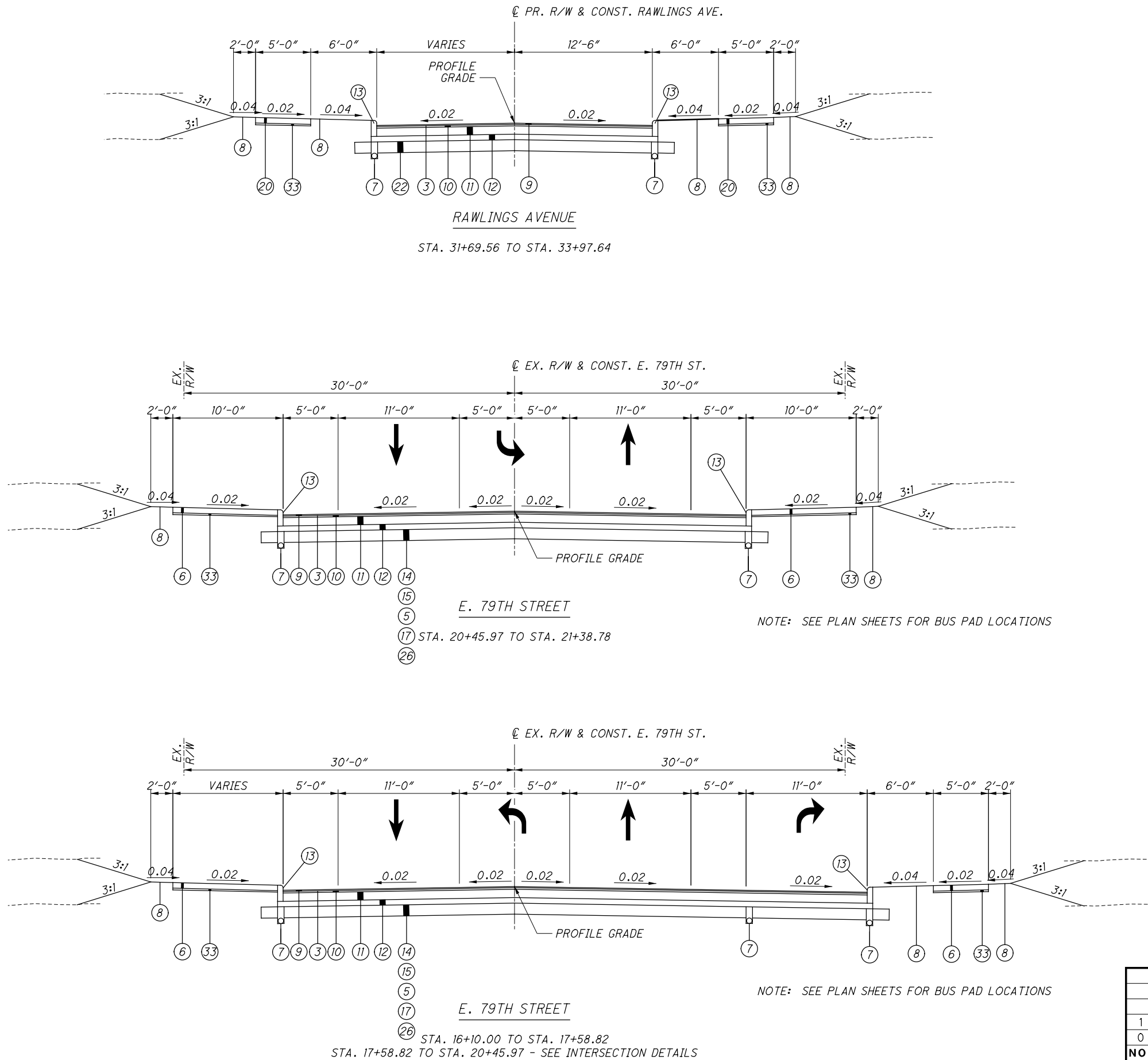
FOR EXISTING LEGEND, SEE SHEET 14  
FOR PROPOSED LEGEND, SEE SHEET 19  
FOR SUBGRADE TREATMENT, SEE SHEET 30

\* DO NOT PERFORM BETWEEN  
STA. 18+69.90 TO STA. 19+88.28



1	2020-06-19	DC043
0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
ISSUE RECORD		

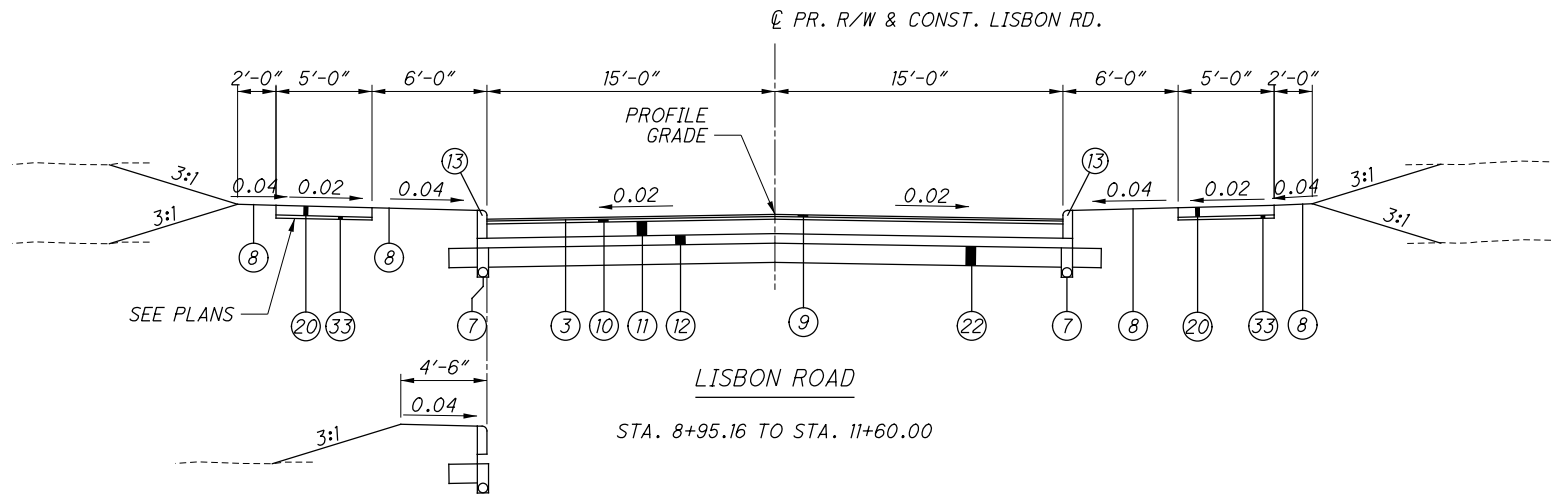
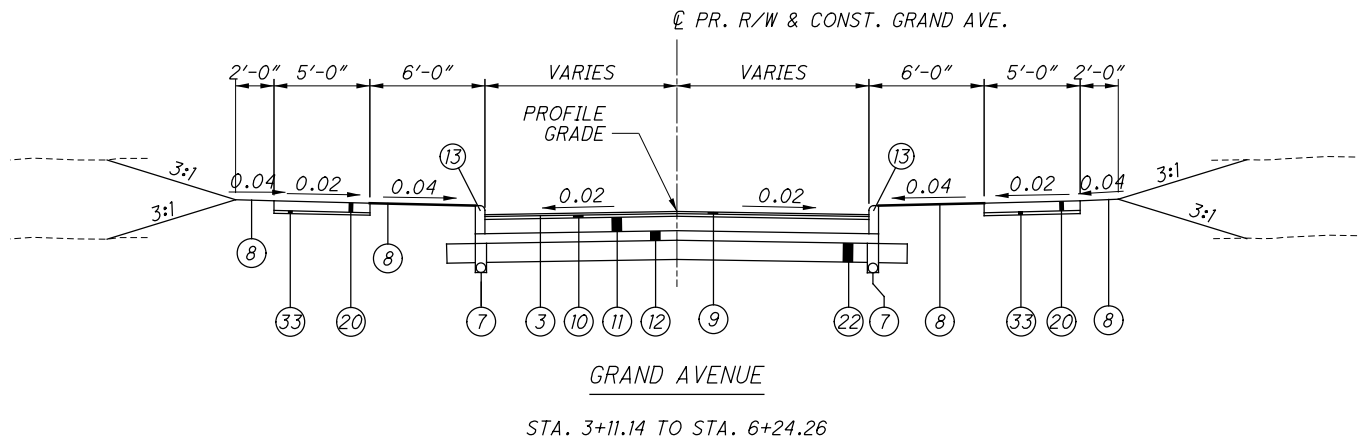
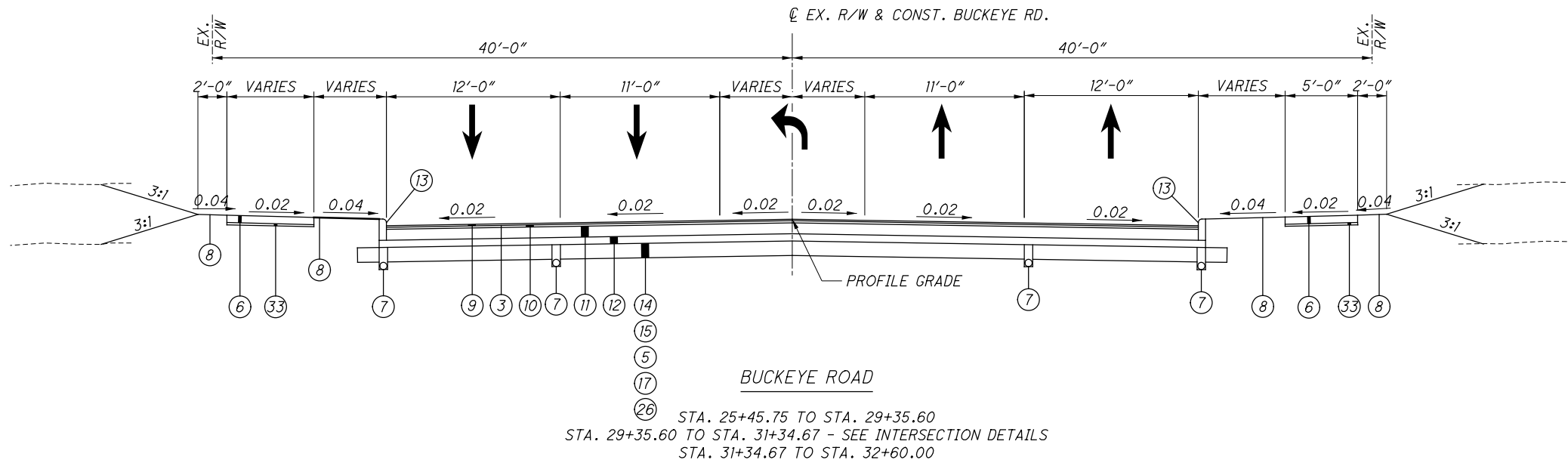
FOR EXISTING LEGEND, SEE SHEET 14  
FOR PROPOSED LEGEND, SEE SHEET 19  
FOR SUBGRADE TREATMENT, SEE SHEET 30



NO.	DATE	DESCRIPTION
1	2020-06-19	DC043
0	2019-06-13	RFC
ISSUE RECORD		



FOR EXISTING LEGEND, SEE SHEET 14  
FOR PROPOSED LEGEND, SEE SHEET 19  
FOR SUBGRADE TREATMENT, SEE SHEET 30

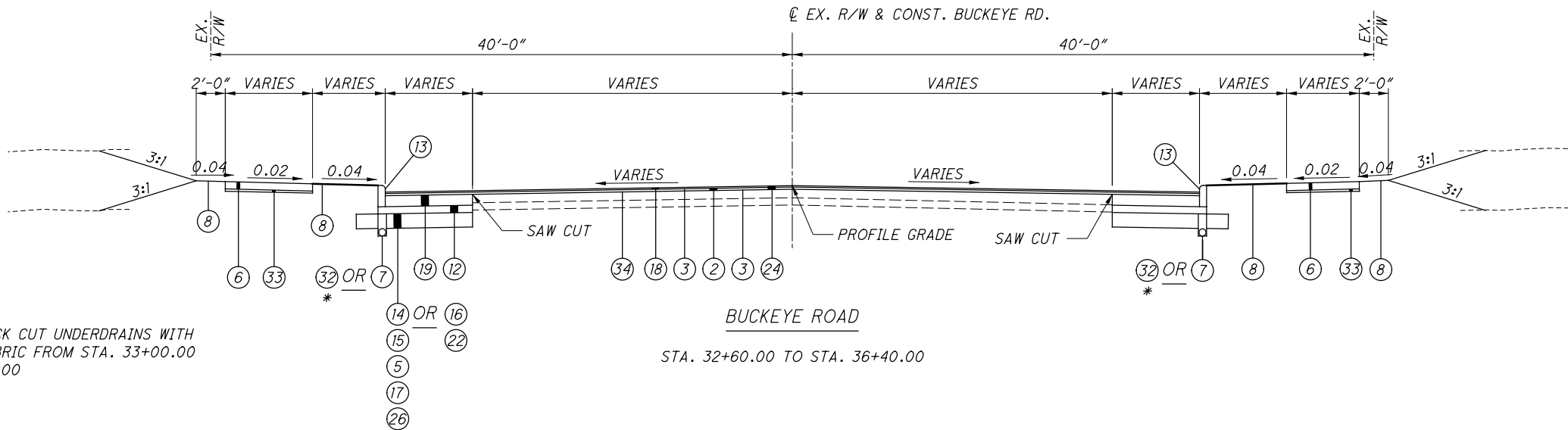
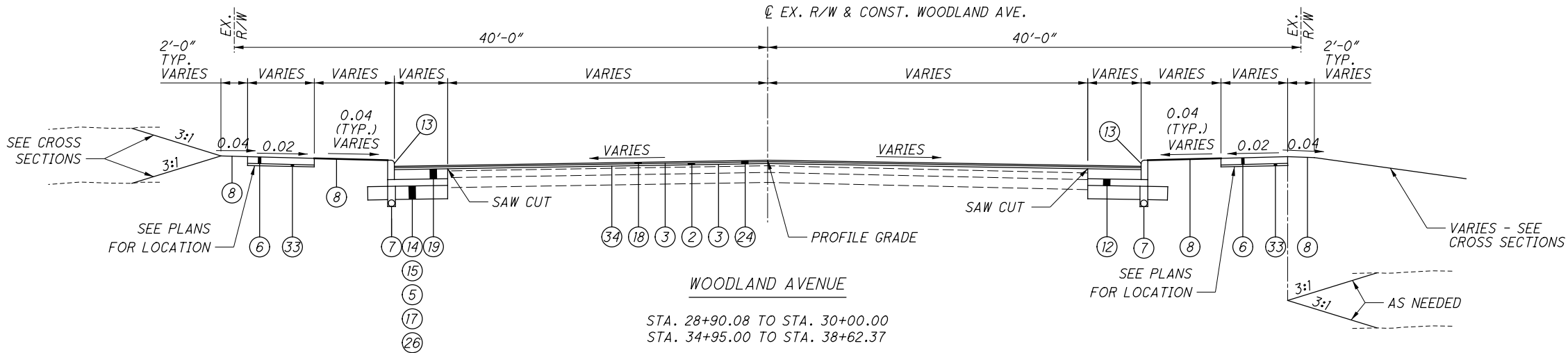
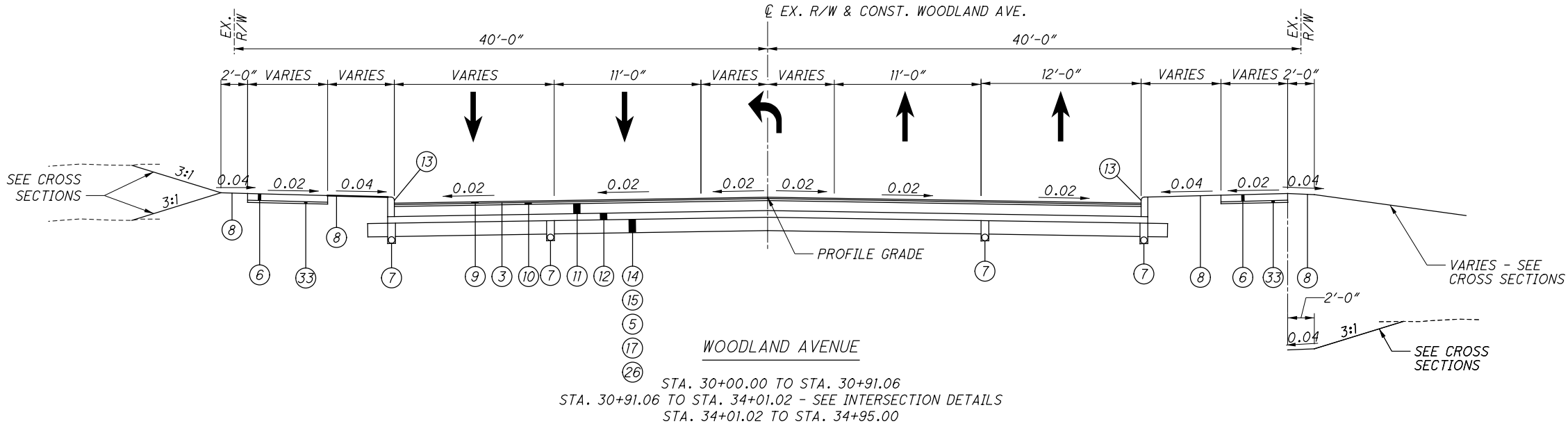


1	2020-06-19	DC043
0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
ISSUE RECORD		

PROPOSED TYPICAL SECTIONS

CUY-IR490/ SR010-  
2.09 / 19.28

FOR EXISTING LEGEND, SEE SHEET 14  
FOR PROPOSED LEGEND, SEE SHEET 19  
FOR SUBGRADE TREATMENT, SEE SHEET 30



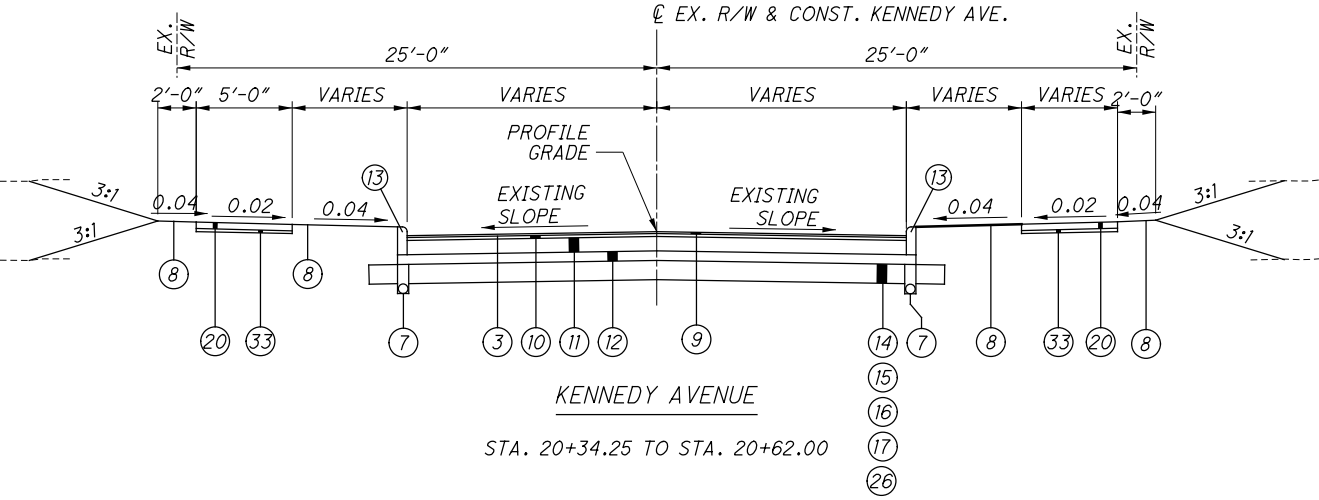
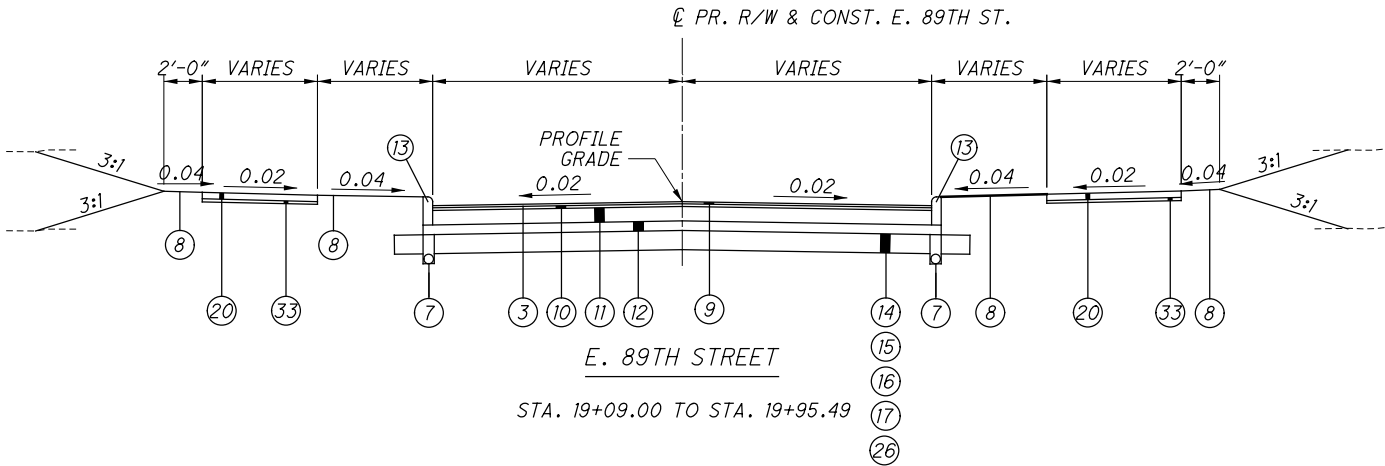
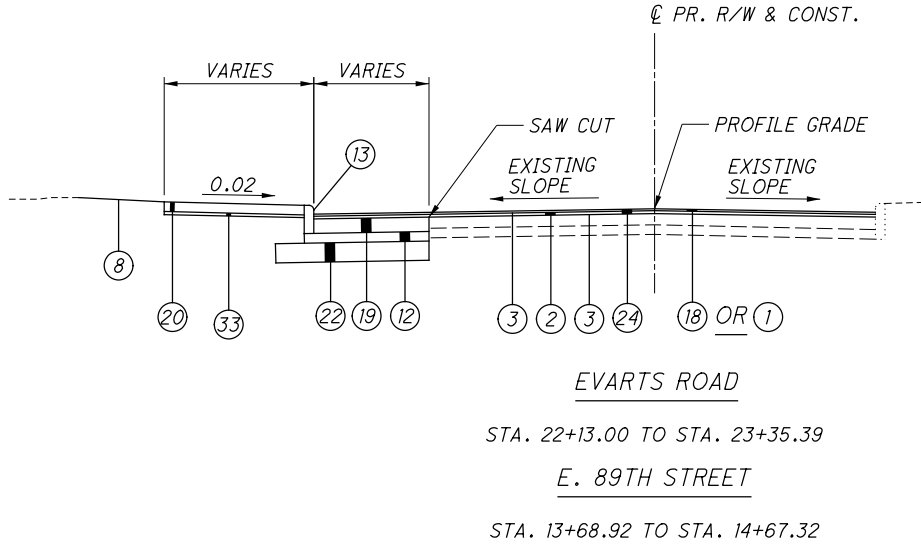
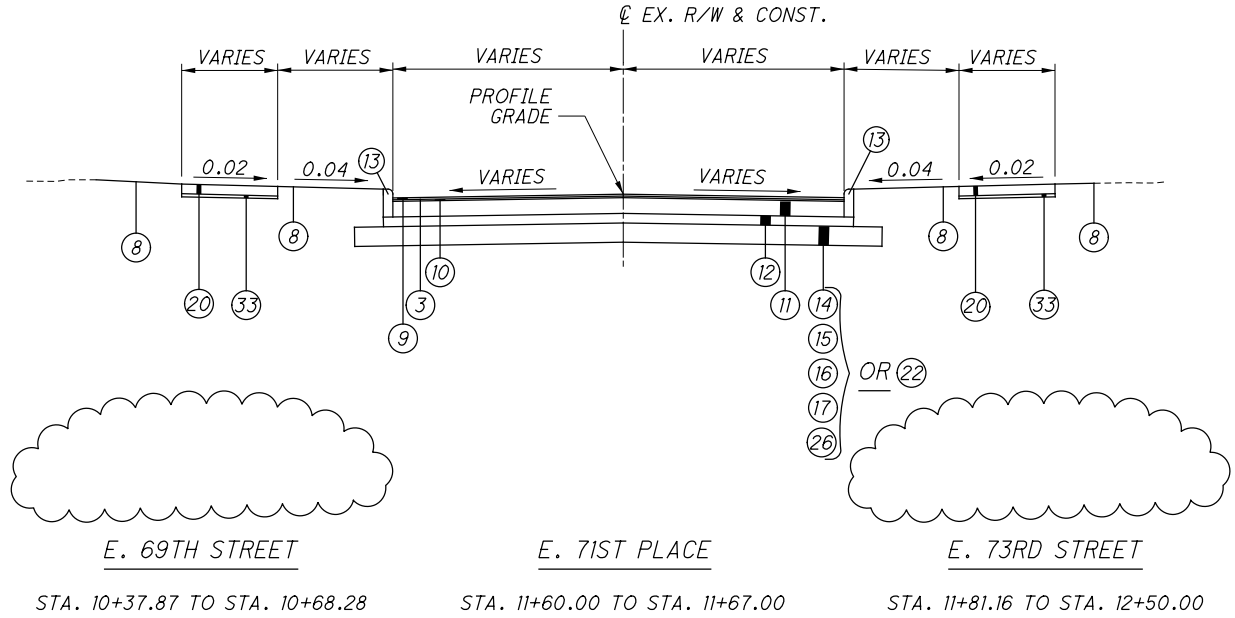
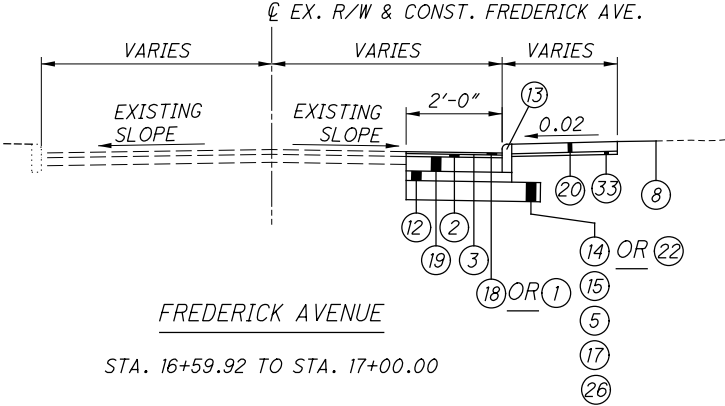
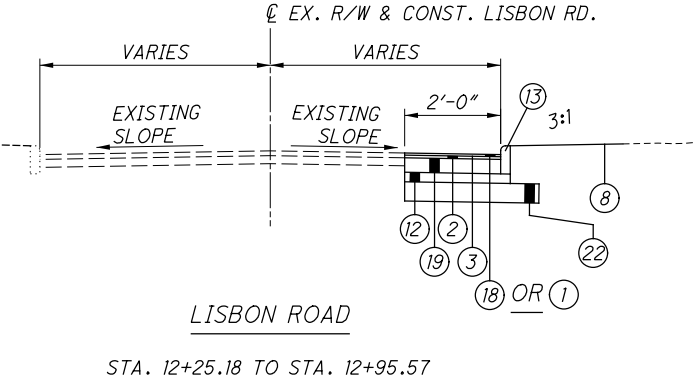
\* ITEM 605 - ROCK CUT UNDERDRAINS WITH  
GEOTEXTILE FABRIC FROM STA. 33+00.00  
TO STA. 36+00.00

NO.	DATE	DESCRIPTION
1	2020-06-19	DC043
0	2019-06-13	RFC
ISSUE RECORD		

PROPOSED TYPICAL SECTIONS

CUY-IR490/ SR010-  
2.09 / 19.28

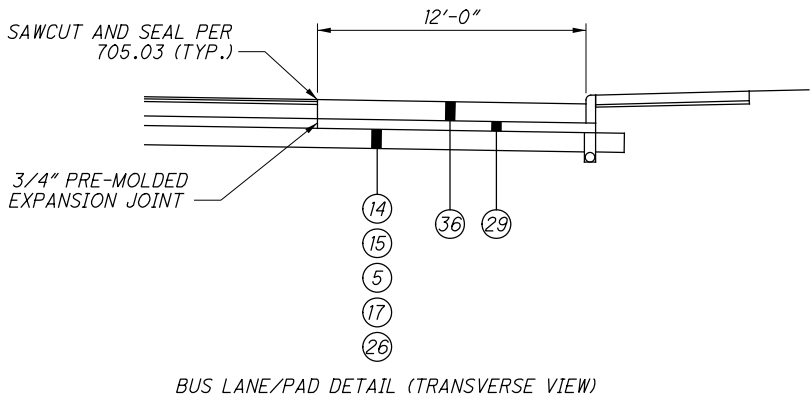
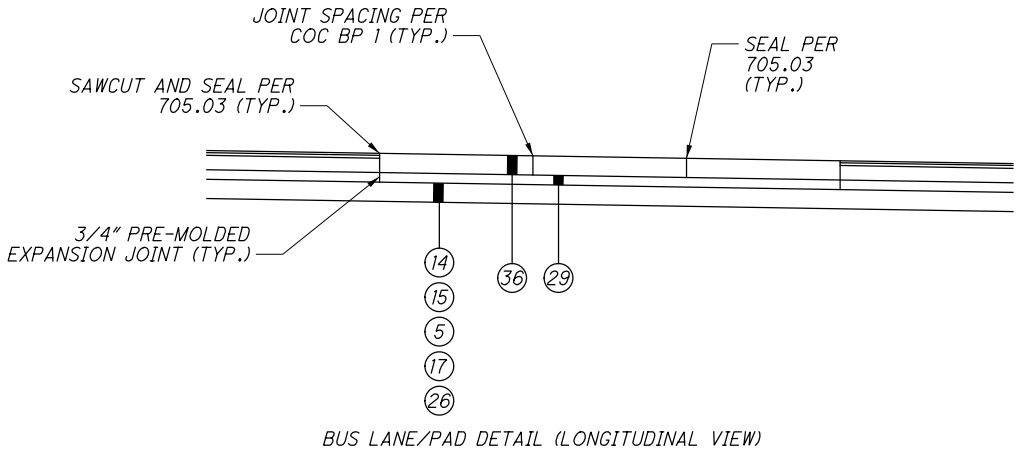
FOR EXISTING LEGEND, SEE SHEET 14  
FOR PROPOSED LEGEND, SEE SHEET 19  
FOR SUBGRADE TREATMENT, SEE SHEET 30



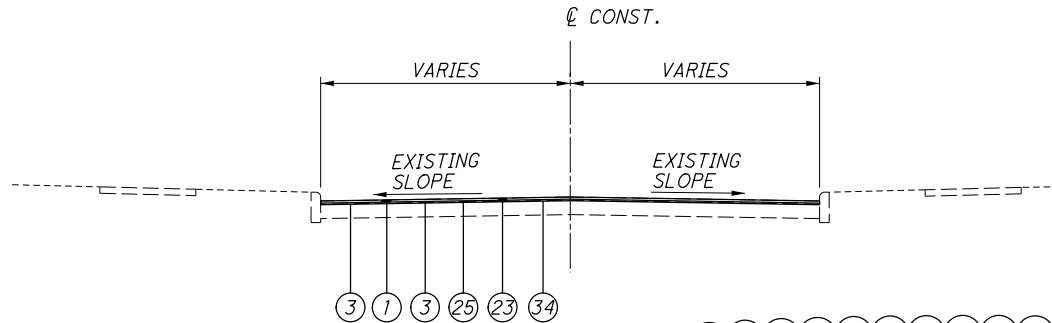
NO.	DATE	DESCRIPTION
2	2024-09-10	RECORD DRAWINGS
1	2020-06-19	DC043
0	2019-06-13	RFC
ISSUE RECORD		

PROPOSED TYPICAL SECTIONS

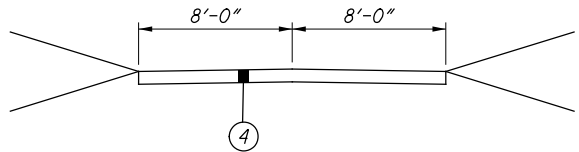
FOR EXISTING LEGEND, SEE SHEET 14  
FOR PROPOSED LEGEND, SEE SHEET 19  
FOR SUBGRADE TREATMENT, SEE SHEET 30



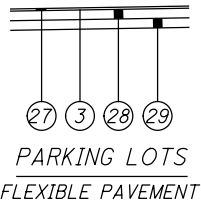
BUS PAD PAVEMENT DETAIL  
NOT TO SCALE



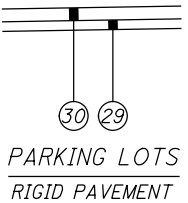
<u>E. 75TH STREET</u> STA. 11+12.27 TO STA. 13+58.62	<u>RAWLINGS AVENUE</u> STA. 33+97.64 TO STA. 41+11.87	<u>EX. E. 89TH ST.</u> STA. 10+00.00 TO STA. 14+67.31	<u>EX. EVARTS RD.</u> STA. 22+13.00 TO STA. 26+20.75
<u>HOLTON AVENUE</u> STA. 30+15.32 TO STA. 39+23.45	<u>EVARTS ROAD</u> STA. 23+35.39 TO STA. 26+20.74	<u>EX. RAWLINGS AVE.</u> STA. 33+97.64 TO STA. 40+68.87	<u>GRAND AVE.</u> STA. 6+24.26 TO STA. 10+12.02
<u>E. 89TH STREET</u> STA. 10+00.00 TO STA. 13+68.92	<u>EX. E. 83RD ST.</u> STA. 24+44.17 TO STA. 27+42.47	<u>EX. KENNEDY AVE.</u> STA. 20+62.00 TO STA. 24+01.04	<u>LISBON RD.</u> STA. 11+60.00 TO STA. 17+00.00



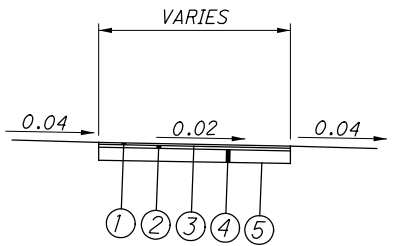
BASIN ACCESS DRIVE  
STA. 10+00.00 TO STA. 17+04.00



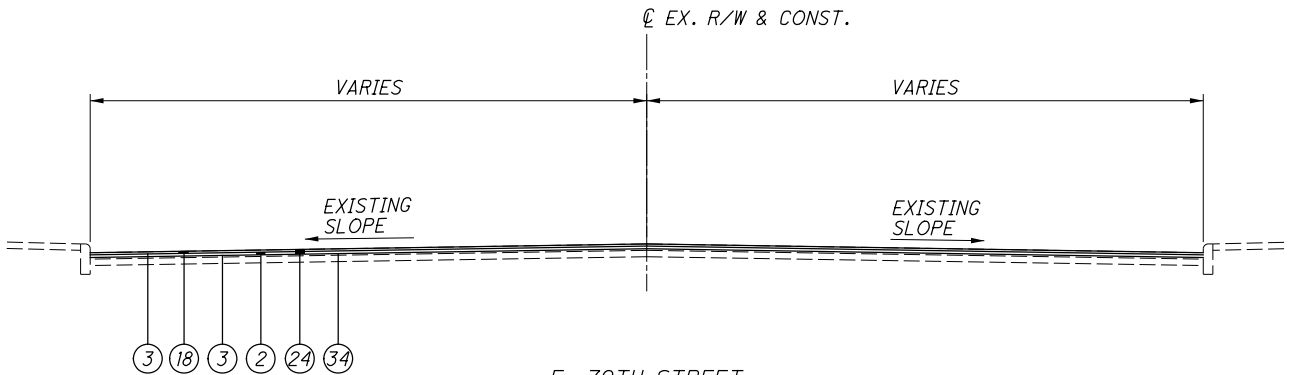
R/W PARCEL #2357 - KARL GREENE, 8803 BUCKEYE RD.  
R/W PARCEL 2358 - BUCKEYE BUSINESS GROUP, 8803 BUCKEYE RD.



R/W PARCEL #2277 - MCTECH HOLDINGS, LLC, GRAND AVE.



E. 89TH STREET - PED.  
STA. 23+49.19 TO STA. 29+79.45



E. 79TH STREET  
STA. 13+89.06 TO STA. 15+29.73

NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		

PROPOSED TYPICAL SECTIONS

CUY-IR490/ SR010-  
2.09 / 19.28

	SUBGRADE TREATMENT					
	FROM	TO	A	B	C	BRIDGE / INTERSECTING STREET**
O.C. BLVD.	109+00.00	124+00.00			12"	
	124+00.00	136+42.20		36"		
	136+42.00	142+39.00			12"	
	142+39.00	145+08.03				CUY-10-1949
	145+08.03	149+50.00			12"	
	149+50.00	151+50.00	12"			KINSMAN RD.
	151+50.00 LT	156+15.00 LT			12"	
	151+50.00 RT	157+27.00 RT	12"			
	156+15.00 LT	160+80.00 LT				CUY-10-1976L
	157+27.00 RT	161+60.00 RT				CUY-10-1976L
	160+80.00 LT	162+47.00 LT	12"			
	161+60.00 RT	162+75.00 RT	12"			
	162+47.00 LT	170+83.00 LT			12"	
	162+75.00 RT	170+80.00 RT			12"	
	170+80.00	171+90.00	12"			E. 75TH ST.
	171+90.00	180+00.00			14"	
	180+00.00	181+50.00	12"			E. 79TH ST.
	181+50.00	188+50.00			14"	
	188+50.00 LT	189+00.00 LT	12"			
	188+50.00 RT	190+50.00 RT	12"			
	189+00.00 LT	189+60.00 LT		36"		
	189+25.00	193+40.00		24"		
	189+60.00 LT	193+75.00 LT	12"			
	190+50.00 RT	191+02.00 RT		36"		
	191+02.00 RT	192+80.00 RT	12"			
	193+75.00 LT	196+11.00 LT			14"	
	192+80.00 RT	196+11.00 RT			14"	
	196+11.00	196+61.00	12"			
	196+61.00	203+50.00			14"	
	203+50.00	205+00.00	12"			BUCKEYE RD.
	205+00.00	210+00.00			12"	
	210+00.00	212+15.00	12"			WOODLAND AVE.
	212+15.00	218+00.00			12"	
	218+00.00	219+28.87		18"	12"	
E. 55TH ST.	9+34.00	10+00.00	12"			
	10+00.00	11+60.00	12"			QUADRANT RD.
	11+60.00	13+00.00	12"			
	13+00.00	14+60.00				CUY-490-0243
QUADRANT RD	14+60.00	16+49.80	12"			
	100+79.00	101+00.00			12"	
	101+00.00	101+85.00		36"	12"	
	101+85.00	104+12.00			12"	
KINSMAN RD.	104+12.00	107+50.00		36"		
	107+50.00	108+10.51		36"		O.C. BLVD.
	11+30.00	13+90.00	12"			O.C. BLVD.
	13+90.00	19+05.00	12"			

	SUBGRADE TREATMENT					
	FROM	TO	A	B	C	BRIDGE / INTERSECTING STREET**
E. 75TH ST.	13+58.62	15+10.00	12"			
	15+10.00	17+00.00	12"			O.C. BLVD.
	17+00.00	18+69.90	12"			
E. 79TH ST.	15+29.73	18+20.00	12"			
	18+20.00	19+80.00	12"			O.C. BLVD.
	19+80.00	21+71.18	12"			
BUCKEYE RD.	25+45.75	29+35.00	12"			
	29+35.00	31+35.00	12"			O.C. BLVD.
	31+35.00	33+00.00	12"			
	33+00.00	36+00.00	12"			
	36+00.00	36+40.00	12"			
WOODLAND AVE.	28+48.30	30+90.00	12"			
	30+90.00	34+00.00	12"			O.C. BLVD.
	34+00.00	38+62.37	12"			
E. 59TH ST.	10+00.00	14+20.00	12"			
RAWLINGS AVE.	31+69.56	33+97.64			14"	
LISBON RD.	8+95.16	9+30.16			14"	
	9+30.16	9+93.16	12"			
	9+93.16	10+94.16			14"	
GRAND AVE.	10+94.16	11+60.00	12"			
	3+11.14	6+24.26			14"	
	21+25.00	23+35.39			14"	
	E. 89TH ST.	19+09.00	19+57.78	12"		
	KENNEDY AVE.	20+00.00	20+62.00	12"		

NOTES

SUBGRADE STABILIZATION SHALL EXTEND 18" BEYOND THE BACK OF PROPOSED CURB OR EDGE OF PAVEMENT REGARDLESS IF CEMENT STABILIZATION OR EXCAVATION AND REPLACEMENT.

OC BOULEVARD PAVEMENT BUILD-UP SHALL EXTEND TO THE BACK OF CURB RETURN ON INTERSECTING ROADWAYS.

ITEM 206 - CEMENT STABILIZED SUBGRADE

CHEMICAL STABILIZATION USING CEMENT CAN BE USED EXCEPT AT CROSS STREETS WHERE EXISTING UTILITY CONFLICTS EXIST.

APPLICATION RATE TO BE DETERMINED DURING CONSTRUCTION BASED ON THE RESULTS OF SUPPLEMENT 1120 TESTING.

ITEM 204 - EXCAVATION OF SUBGRADE, AS PER PLAN

EXCAVATE AND REPLACE UNSUITABLE SUBGRADE BEFORE PROOF ROLLING THE SUBGRADE. REPLACE WITH 204 EMBANKMENT. WHERE THE PROJECT BORINGS ENCOUNTERED UNSUITABLE SUBGRADE, THE EXCAVATION LIMITS ARE SHOWN IN THE CROSS SECTIONS AND LABELED IN THE TABLE AT LEFT.

BASED ON THE SUBSURFACE CONDITIONS, IT IS ANTICIPATED THAT UNSUITABLE SUBGRADE MAY ALSO BE ENCOUNTERED WITHIN THE FOLLOWING AREAS:  
- BUCKEYE RD. EAST OF OH-10 (SHALE)  
- O.C. BLVD. STA. 123+00 TO STA. 140+50 (A-4B SILT)  
- O.C. BLVD. STA. 216+00 TO STA. 219+29 (SHALE)  
- QUADRANT RD. (A-4B SILT)

\* DEPTH OF EXCAVATION AND THICKNESS OF REPLACEMENT MATERIAL MAY VARY AS DIRECTED BY THE ENGINEER BASED ON SUBGRADE CONDITIONS.

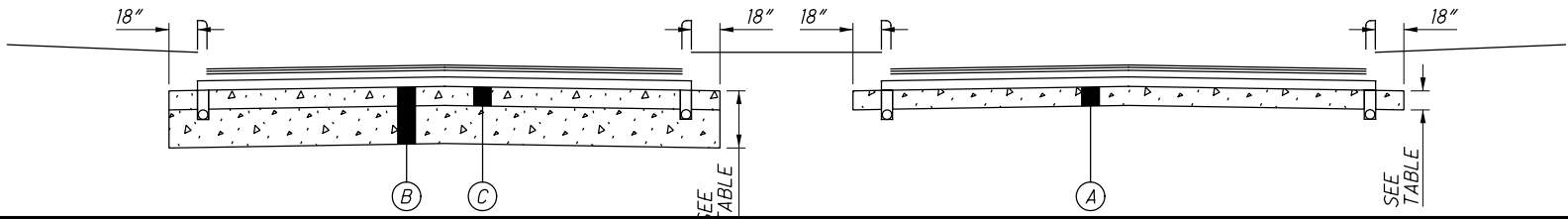
\*\* SEE TYPICAL SECTIONS FOR PRECISE STATIONING OF INTERSECTIONS AND APPROACH SLABS

LEGEND

- (A) ITEM 204 - EXCAVATION OF SUBGRADE (12")\*  
ITEM 204 - 12" GRANULAR MATERIAL, TYPE B, AS PER PLAN\*  
ITEM 204 - SUBGRADE COMPACTION  
ITEM 861 - GEOGRID FOR SUBGRADE STABILIZATION (AS DIRECTED BY THE ENGINEER)  
ITEM 204 - GEOTEXTILE FABRIC

- (B) ITEM 204 - EXCAVATION OF SUBGRADE, AS PER PLAN  
ITEM 204 - EMBANKMENT

- (C) ITEM 206 - CEMENT STABILIZED SUBGRADE



NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		

ROUNDING

THE ROUNDING AT SLOPE BREAKPOINTS SHOWN ON THE TYPICAL SECTIONS APPLIES TO ALL CROSS-SECTIONS EVEN THOUGH OTHERWISE SHOWN.

UTILITIES

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

ELECTRIC  
CLEVELAND PUBLIC POWER (CPP)  
ATTN: CHRIS HIRZEL  
1300 LAKESIDE AVENUE  
CLEVELAND, OH 44114  
216-664-3922 (CHRIS)  
CHIRZEL@CPP.ORG

CLEVELAND ELECTRIC ILLUMINATING  
COMPANY (CEI)  
ATTN: DEAN CHATFIELD  
6896 MILLER ROAD  
BRECKSVILLE, OH 44141  
440-546-8740  
DMCHATFIELD@FIRSTENERGYCORP.COM

NATURAL GAS  
DOMINION EAST OHIO GAS  
COMPANY (DEOG)  
ATTN: AARON CONANT  
320 SPRINGSIDE DRIVE, SUITE 320  
AKRON, OH 44333  
330-664-2451  
k.aaron.conant@dominionenergy.com

WATER  
CITY OF CLEVELAND,  
DIVISION OF WATER (CWDP)  
ATTN: FRED ROBERTS  
1201 LAKESIDE AVENUE  
CLEVELAND, OH 44114  
216-664-2444 x5590  
FRED\_ROBERTS@CLEVELANDWATER.COM

CATV  
CHARTER COMMUNICATION  
ATTN: PAT SANTOITEMMO  
8179 EAST DOW CIRCLE  
STRONGSVILLE, OH 44136  
216-575-8016 CELL 216-854-0717  
Pat.Santoitemmo@charter.com

SEWER  
NORTHEAST OHIO REGIONAL  
SEWER DISTRICT (NEORS)  
ATTN: ROBERT STOERKEL  
4747 EAST 49TH STREET  
CUYAHOGA HEIGHTS, OHIO 44125  
216-881-6600  
stoerkelr@neorsd.org

CITY OF CLEVELAND,  
DIVISION OF WATER  
POLLUTION CONTROL (CDWPC)  
ATTN: ELIE RAMY, ALAN SCHIEL Y  
12302 KIRBY AVE.  
CLEVELAND, OH 44108  
216-644-3783/ 216-664-2756  
ERAMY@CLEVELANDWPC.COM  
ASCHIELY@CLEVELANDWPC.COM

SIGNALS  
CITY OF CLEVELAND,  
DIVISION OF TRAFFIC ENGINEERING  
ATTN: RICH TUTIE  
4150 EAST 49TH STREET  
CLEVELAND, OHIO 44106  
216-420-8270  
Rtutie@city.cleveland.oh.us

UTILITIES (CONT'D)

ODOT DISTRICT-12  
(PUBLIC UTILITY)  
ATTN: TONY TOT  
5500 TRANSPORTATION BLVD.  
GARFIELD HEIGHTS, OH 44125  
216-584-2220  
Anthony.Toth@dot.ohio.gov

LIGHTING  
CLEVELAND PUBLIC POWER (CPP)  
ATTN: BRIAN SHEPARD  
1300 LAKESIDE AVENUE  
CLEVELAND, OH 44114  
216-664-3922 EXT. 173 (BEAU)  
bshepherd@cpp.org

TELEPHONE  
XO COMMUNICATIONS  
ATTN: DALE FERGUSON  
3 SUMMIT DRIVE, SUITE 750  
INDEPENDENCE, OH 44131  
216-619-3492  
DALE.FERGUSON@XO.COM

AT&T  
ATTN: ERIC JOHNSTON  
13630 LORAIN AVE  
CLEVELAND, OH 44111  
216-476-6141  
EJ1265@ATT.COM

AT&T CORP.  
ATTN: GREG BELEW  
5980-G WILCOX PLACE  
DUBLIN, OHIO 43016  
614-760-8320  
gbelew@hlgengineering.com

VERIZON  
ATTN: AL GUEST  
120 RAVINE STREET  
AKRON, OH 44303  
O. 330-253-8267/ M. 330-329-5495  
ALLAN.GUEST@VERIZON.COM

CENTURYLINK (LEVEL 3)  
ATTN: TOM TROMBLEY OR  
DOUG HOLLOWAY  
4000 CHESTER AVE  
CLEVELAND, OH 44103  
734-777-1910  
216-906-6284  
TOM.TROMBLEY@CENTURYLINK.COM  
DOUG.HOLLOWAY@CENTURYLINK.COM

ZAYO  
ATTN: JOHN BRUCE  
CORTLAND, OHIO 44410  
JOHN.BRUCE@ZAYO.COM

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.

WORK HOURS AND CONSTRUCTION NOISE

THE CONTRACTOR SHALL RESTRICT HIS WORKING HOURS TO THOSE PERMITTED BY LOCAL ORDINANCES OR ANY OTHER APPLICABLE ORDINANCES, LAWS OR REGULATIONS EXCEPT AS HE MAY OBTAIN WRITTEN VARIANCES FROM SUCH ORDINANCES, LAWS OR REGULATIONS FROM THE APPROPRIATE GOVERNING AUTHORITIES.

THE NOISE LEVEL RESULTING FROM THE CONSTRUCTION SHALL BE WITHIN THE LIMITS SPECIFIED IN OSHA REGULATIONS AND ALL LOCAL ORDINANCES. POWER-OPERATED CONSTRUCTION-TYPE DEVICES SHALL NOT BE OPERATED BETWEEN THE HOURS OF 7 P.M. AND 7 A.M. IN ADDITIONAL DO NOT OPERATE AT ANY TIME ANY DEVICE IN SUCH A MANNER THAT THE NOISE EXCEEDS THE NOISE CUSTOMARILY AND NECESSARILY ATTENDANT TO THE REASONABLE AND EFFICIENT PERFORMANCE OF SUCH EQUIPMENT.

OPERATIONAL OFFSETS ON URBAN STREETS

A MINIMUM OPERATIONAL OFFSET OF 1.5 FEET SHOULD BE PROVIDED FROM FACE OF CURB (3 FEET AT INTERSECTIONS).

SURVEYING PARAMETERS

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE SHEET 11 OF THE PLANS FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION. USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

PROJECT CONTROL

POSITIONING METHOD: STATIC GPS OPUS SOLUTIONS  
MONUMENT TYPE: VARIOUS

VERTICAL POSITIONING  
ORTHOMETRIC HEIGHT DATUM: NAVD88  
GEOID: GEOID09

HORIZONTAL POSITIONING  
REFERENCE FRAME: NAD83(CORP96)  
ELLIPSOID: GRS80  
MAP PROJECTION: LAMBERT CONFORMAL CONIC  
COORDINATE SYSTEM: OHIO STA PLANE, NORTH ZONE  
COMBINED SCALE FACTOR: 0.99993855  
ORIGIN OF COORDINATE SYSTEM  
EASTING (X): 0,0 NORTHING (Y): 0,0 ELEVATION (Z): 0,0

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

ITEM 623 - MONUMENT ASSEMBLY

CONSTRUCT MONUMENT ASSEMBLIES IN ACCORDANCE WITH THE DETAILS SHOWN ON THE STANDARD CONSTRUCTION DRAWINGS AND AT THE LOCATIONS SHOWN ON SHEET 11 .

CITY OF CLEVELAND STANDARD DRAWINGS

THE APPLICABLE STANDARD DRAWINGS AND DETAILS OF THE CITY OF CLEVELAND HAVE BEEN NOTED ON THE TITLE SHEET AND ARE CONSIDERED A PART OF THE PLAN SET. THESE DRAWINGS AND DETAILS REPRESENT THE MOST CURRENT VERSIONS APPROVED BY THE CITY OF CLEVELAND AND HAVE BEEN INCLUDED TO DEPICT THE INTENT OF THE PARTICULAR CONSTRUCTION FEATURES, HOWEVER THEY HAVE NOT BEEN UPDATED FOR CONFORMANCE WITH THE 2016 ODOT CMS. WHEN REFERENCES TO NON-CURRENT CMS ITEMS ARE ENCOUNTERED WITHIN THE DETAILS (I.E. "ITEM 604" OR "CLASS C CONCRETE") THE CURRENT SECTION OF THE CMS (I.E. "ITEM 611 OR "CLASS QC-1 CONCRETE") SHALL APPLY. INTERPRETATIONS REGARDING THE APPLICABLE SECTIONS OF THE 2016 CMS SHALL BE AT THE DIRECTION OF THE ENGINEER.

WORK LIMITS

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

AIRWAY/HIGHWAY CLEARANCE FOR AIRPORTS AND HELIPORTS

THIS PROJECT HAS BEEN IDENTIFIED AS BEING WITHIN THE INFLUENCE AREA OF A PUBLIC USE AIRPORT OR HELIPORT. NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT AT MAXIMUM OPERATING HEIGHT SHALL EXCEED A HEIGHT OF 100 FT. IF ANY TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT WILL EXCEED THIS HEIGHT, FURTHER COORDINATION WITH THE FEDERAL AVIATION ADMINISTRATION (FAA), AND ODOT OFFICE OF AVIATION WILL BE NECESSARY PRIOR TO ERECTING SUCH TEMPORARY STRUCTURES OR OPERATING SUCH EQUIPMENT ON THE PROJECT. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT FAA FORM 7460-1 TO THE FAA. NOTIFY THE ODOT OFFICE OF AVIATION WHEN RESUBMITTING AN FAA FORM 7460-1.

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

FAA APPROVAL MAY TAKE UP TO 45 DAYS. ALL SUBMISSIONS SHALL BE DIRECTED TO THESE OFFICES:

EXPRESS PROCESSING CENTER  
THE FEDERAL AVIATION ADMINISTRATION  
SOUTHWEST REGIONAL OFFICE  
AIR TRAFFIC AIRSPACE BRANCH ASW-520  
2601 MEACHAN BLVD.  
FORT WORTH, TX 76137-4298

OHIO DEPARTMENT OF TRANSPORTATION  
OFFICE OF AVIATION  
2829 WEST DUBLIN-GRANVILLE ROAD  
COLUMBUS, OHIO 43235  
614-387-2346

SPECIFICATION REFERENCE

UNLESS OTHERWISE NOTED, REFERENCE TO SPECIFICATION ITEMS SHALL BE CONSTRUED TO BE OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS JANUARY 1, 2016 EDITION INCLUDING UPDATES RELEASED ON OR BEFORE OCTOBER 20, 2016.

BUILDABLE UNIT REFERENCE

THE PROJECT IS BROKEN INTO BUILDABLE UNITS, PORTIONS OF THE PROJECT DEFINED BY GEOGRAPHIC AREAS OR TYPES OF WORK TO BE PERFORMED. THE FOLLOWING IS A LIST OF BUILDABLE UNITS ASSOCIATED WITH THIS PLAN SET:

BU-01	MAINTENANCE OF TRAFFIC
BU-09	SANITARY SEWER
BU-10	WATER LINE
BU-12	TRAFFIC CONTROL - SIGNALS AND DUCT BANK
BU-13	STORM SEWER
BU-14	ROADWAY & PAVEMENT - BEGIN PROJECT TO KINGSBURY RUN
BU-15A	ROADWAY & PAVEMENT - GCRTA PARKING LOT
BU-17	BRIDGE - KINGSBURY RUN
BU-17A	GCRTA WYE TRACK, OUTFALL #2
BU-18	BRIDGE - KINSMAN ROAD BRIDGE MODIFICATIONS
BU-19 & 19A	BRIDGE - GCRTA BLUE / GREEN & CATENARY MODIFICATIONS
BU-20	WALLS 4AB - 4AC (BRIDGE - BLUE / GREEN)
BU-21	OUTFALL 3 & 4 RETENTION BASIN
BU-22	BRIDGE - NSRR
BU-22A	NSRR TEMP TRACK & GRAND AVE. DEMO
BU-23	WALLS 5A - 5D (BRIDGE - NSRR)
BU-24	OUTFALL 4 SEWER
BU-25	BRIDGE - E. 89TH ST. PED
BU-26	TRAFFIC CONTROL - SIGNING & STRIPING
BU-27	STREET LEVEL LIGHTING
BU-28	HIGHWAY LIGHTING
BU-29	LANDSCAPING, FINISH GRADING & SEEDING

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CONCRETE DESIGN MIX (CLEVELAND 650)

ALL CAST-IN-PLACE CONCRETE FOR THE PROJECT NOT ASSOCIATED WITH STRUCTURES SHALL BE PROVIDED IN ACCORDANCE WITH THE C&MS, EXCEPT THE MINIMUM CEMENT CONTENT OF THE MIX SHALL BE 650 LBS. PER CUBIC YARD.

ITEM 441 - ASPHALT CONCRETE SURFACE COURSE

ASPHALT CONCRETE SHALL COMPLY WITH C&MS 441 UNLESS OTHERWISE SPECIFIED IN THE CONTRACT. RECYCLED MATERIAL SHALL BE LIMITED TO WEARING COURSE MAXIMUM OF 10%, UNLESS OTHERWISE SPECIFIED IN THE CONTRACT.

441, TYPE 1, (448), PG64-22 - THE USE OF GRAVEL IS NOT PERMITTED FOR THIS ITEM. RAP USED IN THIS MIX SHALL BE LIMITED TO A MAXIMUM OF 10%.

441, TYPE 1, (448), PG70-22M - THE COARSE VIRGIN AGGREGATE FOR THIS ITEM SHALL CONSIST OF A BLEND OF 60% MINIMUM AIR COOLED BLAST FURNACE SLAG (ACBFS) OR TRAP ROCK FROM ONTARIO WITH LIMESTONE COMPRISING THE REMAINING PERCENTAGE.

ITEM 442 - ASPHALT CONCRETE SURFACE COURSE

442, 12.5MM, TYPE A (448), PG70-22M THE COARSE VIRGIN AGGREGATE FOR THIS ITEM SHALL BE LIMITED TO A BLEND OF AIR-COOLED BLAST FURNACE (ACBFS) OR TRAP ROCK FROM ONTARIO AND LIMESTONE. THE CONTRACTOR SHALL USE A MINIMUM 60% OF ACBFS OR TRAP ROCK FROM ONTARIO, WITH LIMESTONE COMPRISING THE REMAINING PERCENTAGE. AT LEAST 50% OF FINE VIRGIN AGGREGATE FOR THIS ITEM SHALL BE LIMITED TO ACBFS OR TRAP ROCK FROM ONTARIO.

TABLE 442.02-2 APPLIES EXCEPT NO. 4 SIEVE REQUIREMENTS ARE 52 TO 62 TOTAL PERCENT PASSING.

WHEN ACBFS IS USED FOR A FRACTION OF THE COARSE AGGREGATE, ALL REQUIREMENTS OF C&MS 442 APPLY, EXCEPT PROVIDE A TOTAL ASPHALT BINDER CONTENT GREATER THAN OR EQUAL TO 6.2 PERCENT. IF ACBFS MAKES UP 100% OF THE COARSE AGGREGATE, THE BINDER REQUIREMENTS OF C&MS 442 APPLY.

CONTRACTION JOINTS IN CONCRETE PAVEMENT OR BASE WIDENING

WHERE NEW CONCRETE IS PLACED ADJACENT TO EXISTING CONCRETE, PROVIDE CONTRACTION JOINTS IN THE NEW CONCRETE TO FORM CONTINUOUS JOINTS WITH THOSE IN THE EXISTING CONCRETE.

MULTIPLE JOINTS WITH EQUAL INTERVALS SHALL BE PLACED WHEN JOINT SPACING IN EXISTING CONCRETE EXCEEDS THE MAXIMUM JOINT SPACING.

ITEM 451 - REINFORCED CONCRETE PAVEMENT

PAVEMENT JOINTING SHALL FOLLOW THE CITY OF CLEVELAND'S STANDARDS, INCLUDING STANDARD CONSTRUCTION DRAWING CONC-1 AND THE USE OF EPOXY COATED MESH.

GEOBLOCK

WHERE NOTED IN THE PLANS, INSTALL AND INFILL GEOBLOCK BY PRESTO GEOSYSTEMS POROUS PAVEMENT UNITS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. CONTRACTOR SHALL SUBMIT MANUFACTURER'S SHOP DRAWINGS INCLUDING MANUFACTURER'S PRODUCT DATA, GENERAL LAYING PATTERN, AND ANCHORING PRIOR TO INSTALLATION OF GEOBLOCK.

ITEM 204 - GRANULAR MATERIAL, AS PER PLAN

ALL GRANULAR MATERIAL SHALL BE CRUSHED CARBONATE STONE, CRUSHED AIR-COOLED BLAST FURNACE SLAG (ACBFS) OR CRUSHED GRAVEL. FURNISH ACBFS ACCORDING TO SUPPLEMENT 1027.

ITEM 304 - AGGREGATE BASE, AS PER PLAN

ALL AGGREGATE BASE SHALL BE CRUSHED CARBONATE STONE, CRUSHED AIR-COOLED BLAST FURNACE SLAG (ACBFS) OR CRUSHED GRAVEL. FURNISH ACBFS ACCORDING TO SUPPLEMENT 1027.

ITEM 305, 451, 452, 608 AND 609 - CONSTRUCTION OF CONCRETE BASE PAVEMENT, DRIVEWAYS, SIDEWALKS AND CURB, AS PER PLAN.

CONSTRUCT CAST-IN-PLACE CONCRETE ITEMS IN ACCORDANCE WITH THE ODOT CMS, EXCEPT AS MODIFIED BY GENERAL NOTES "CONCRETE DESIGN MIX (CLEVELAND 650)" AND OTHER GENERAL NOTES WITHIN THE PLAN SET.

ITEM 608 - CONCRETE SIDEWALK, AS PER PLAN

ALL SIDEWALKS SHALL CONFORM TO THE FOLLOWING: PER 608.03(C), IT IS REQUIRED THAT 1/2 INCH THICK EXPANSION JOINT MATERIAL (C&MS 703.05) IS INSTALLED BETWEEN THE WALK AND THE BACK OF CURB AND INCH THICK FOR ANY OTHER FIXED OBJECT. IN ADDITION TO THE LOCATIONS SPECIFIED UNDER C&MS 608.03(C), TRANSVERSE EXPANSION JOINTS SHALL BE CONSTRUCTED AT INTERVALS OF NOT MORE THAN 25 TO 30 FEET UNLESS OTHERWISE DIRECTED. THE EXPANSION JOINT FILLER C&MS 705.03 SHALL BE PLACED AT THE TRANSVERSE EXPANSION JOINTS FOR THE FULL DEPTH/WIDTH OF THE CONCRETE WALK AND SHALL BE TRULY NORMAL TO GRADE. THE TOP 1/2 INCH OF THE EXPANSION JOINT PLACED BETWEEN THE WALK AND BACK OF CURB SHALL BE SEALED WITH C&MS 705.04 JOINT SEALER.

FINAL SURFACE FINISH OF WALKS SHALL BE IN ACCORDANCE WITH APPLICABLE MUNICIPAL STANDARDS/ORDINANCES. IN ADDITION, A 2 INCH COMPACTED SCREENINGS BED THAT MEETS THE REQUIREMENTS OF C&MS 703.10 (LIMITED TO CRUSHED STONE) SHALL BE FURNISHED AND PLACED BENEATH ALL SIDEWALK AREAS.

ITEM 608 - CURB RAMPS, AS PER PLAN

ALL CURB RAMPS PROVIDED BY THE CONTRACTOR SHALL MEET ALL ADA REQUIREMENTS AND THE FOLLOWING: TRUNCATED DOME TILES TINTED RED AS MANUFACTURED BY ENGINEERED PLASTICS, INC., TRUNCATED DOME TACTILE SYSTEMS AS MANUFACTURED BY ADA SOLUTIONS INC., OR APPROVED EQUAL SHALL BE INSTALLED AT ALL CURB RAMPS.

CURB RAMPS SHALL CONFORM TO THE CITY OF CLEVELAND CURB RAMPS STANDARD DRAWINGS.

THICKNESS OF THE CURB RAMP WALK AND CONCRETE BASE BENEATH THE TRUNCATED DOMES SHALL BE A MINIMUM OF 8 INCHES. IN ADDITION, (A 2 INCH COMPACTED SCREENINGS BED THAT MEETS THE REQUIREMENTS OF C&MS 703.10 (LIMITED TO CRUSHED STONE) SHALL BE FURNISHED AND PLACED BENEATH ALL CURB RAMP AREAS).

ASPHALT CONCRETE SURFACE COURSE SEALING REQUIREMENTS

THE CONTRACTOR SHALL SEAL ALL GUTTERS AND LOCATIONS MENTIONED BELOW PER THE GOVERNING REGULATIONS WITH A CERTIFIED PG BINDER PER C&MS 702.01. THE SEALANT SHALL BE APPLIED AT A UNIFORM RATE AND UNIFORM WIDTH OF 3 INCHES, WITHOUT EXCESS MATERIAL LEFT ON THE SURFACE. THE SEALANT SHALL BE APPLIED AT A TEMPERATURE BETWEEN 300 AND 350 DEGREES FAHRENHEIT IMMEDIATELY UPON COMPLETION OF THE SURFACE COURSE.

IN ADDITION TO GUTTER SEALING THE CONTRACTOR SHALL SEAL ALL CASTINGS WITHIN PAVEMENT INCLUDING MONUMENTS, MANHOLES, VALVES, CATCH BASINS AND CURB INLETS. THE CONTRACTOR SHALL ALSO SEAL ALL BUTT AND FEATHER JOINTS, AND THE PERIMETER OF ALL PAVEMENT REPAIRS OR OTHER PAVEMENT INLAYS WHEN PAVEMENT REPAIRS /INLAYS ARE NOT OVERLAID WITH AN ASPHALT CONCRETE SURFACE COURSE.

PLANED SURFACES

THE CONTRACTOR SHALL SCHEDULE THEIR OPERATIONS SUCH THAT THE PROPOSED ASPHALT INTERMEDIATE COURSE IS PLACED WITHIN SEVEN (7) CALENDAR DAYS OF PAVEMENT PLANING ON INTERSTATE, ARTERIAL AND COLLECTOR ROADS AND WITHIN FOURTEEN (14) CALENDAR DAYS ON LOCAL ROADS.

SUBGRADE STABILIZATION

THE CONTRACTOR SHALL PREPARE SUITABLE SUBGRADE IN CONFORMANCE WITH C&MS 204.

SUBGRADE SHALL BE STABILIZED PER THE PROPOSED TREATMENT DETAILED ON SHEET 30.

BENEATH ALL PROPOSED FULL DEPTH PAVEMENT THE CONTRACTOR SHALL COMPLETE THE FOLLOWING SUBGRADE STABILIZATION METHOD PER C&MS 204, AND PER THE DEPARTMENT'S GEOTECHNICAL BULLETIN GB-1:

PERFORM ITEM 204 - EXCAVATION OF SUBGRADE AND REPLACEMENT WITH ITEM 204 - GRANULAR MATERIAL, TYPE B (UNDERCUT) IN LOCATIONS AND AT DEPTHS PER THE PROPOSED SUBGRADE TREATMENT TABLE AND AS SHOWN IN THE CROSS SECTIONS.

IN AREAS WHERE BEDROCK IS ENCOUNTERED OR WILL BE WITHIN 2 FEET OF THE BOTTOM OF PAVEMENT, THE BEDROCK SHALL BE REMOVED TO THE 2-FOOT LIMIT AND THE CAVITY BACKFILLED WITH GRANULAR MATERIAL TYPE B PER C&MS 204.

UNDERCUT AREAS OF UNSTABLE NON-BEDROCK SUBGRADE PER THE PROPOSED SUBGRADE TREATMENT TABLE.

GEOGRID WILL BE USED AS SHOWN IN THE PLANS AND AT THE DIRECTION OF THE DEPARTMENT AND SHALL BE PLACED FROM BACK OF CURB TO BACK OF CURB.

THE CONTRACTOR SHALL LOCATE AND VERIFY THE DEPTH OF ALL EXISTING UNDERGROUND UTILITIES AND SEWERS PRESENT IN AREAS OF SUBGRADE STABILIZATION TO ENSURE NO IMPACTS OR DAMAGE DURING CONSTRUCTION. STABILIZATION DEPTHS MAY BE ADJUSTED OR NON-PERFORMED WITH APPROVAL OF THE DEPARTMENT TO ACCOMMODATE UTILITIES. SPECIFIC ATTENTION IS DIRECTED TO ALL EXISTING WATERLINES. AN 18-INCH DEPTH OF UNDISTURBED EARTH SHALL BE KEPT ABOVE ALL WATER LINES DURING SUBGRADE CONSTRUCTION. STATIC ROLLERS SHALL BE USED FOR SUBGRADE AND SUBBASE COMPACTION IN AREAS OF EXISTING WATER LINES. VIBRATORY EQUIPMENT OVER WATER LINES IS STRICTLY PROHIBITED.

UNSTABLE SUBGRADE WILL BE STABILIZED USING CEMENT STABILIZATION PER THE SUBGRADE TREATMENT TABLE. IN AREAS WHERE CEMENT STABILIZATION IS PERFORMED, THE CONTRACTOR ASSUMES ALL SITE RISKS AND RESULTING PERFORMANCE ASSOCIATED WITH STABILIZATION TO ENSURE STABLE AND SUITABLE SUBGRADE.

ITEM 204 - SUBGRADE COMPACTION AND PROOF ROLLING

WHERE CHEMICAL STABILIZATION IS NOT SHOWN ON THE PLANS, CONSTRUCT THE SUBGRADE AS FOLLOWS AND IN THE FOLLOWING SEQUENCE:

- SHAPE THE SUBGRADE TO WITHIN 0.2 FEET OF THE PLAN SUBGRADE ELEVATION.
- EXCAVATE AND REPLACE UNSUITABLE SUBGRADE BEFORE PROOF ROLLING. THE EXCAVATION LIMITS ARE SHOWN ON THE CROSS SECTIONS AND SHOWN AND LABELED IN THE PROPOSED SUBGRADE TREATMENT TABLE AS UNSUITABLE SUBGRADE. UNSUITABLE SUBGRADE INCLUDES UNSUITABLE SOIL (A-4B, A-2-5, A-5, A-7-5, AND SOIL WITH A LIQUID LIMIT GREATER THAN 65) AND ANY COAL, SHALE, OR ROCK WHICH NEEDS TO BE REMOVED ACCORDING TO 204.05.  
  
IF THERE IS UNSUITABLE SUBGRADE IN A SHALLOW FILL LOCATION, EXCAVATE AND REPLACE THE UNSUITABLE SUBGRADE BEFORE CONSTRUCTING THE SHALLOW FILL AND SHAPING THE SUBGRADE.
- COMPACT THE SUBGRADE ACCORDING TO 204.03.  
  
PROOF ROLL THE SUBGRADE ACCORDING TO 204.06.
- APPROXIMATE LIMITS FOR EXCAVATION OF UNSTABLE SUBGRADE ARE SHOWN ON THE CROSS SECTIONS AND SHOWN AND LABELED ON THE PROPOSED SUBGRADE TREATMENT TABLE AS UNSTABLE SUBGRADE. THE ENGINEER WILL IDENTIFY THE ACTUAL LIMITS OF EXCAVATION FOR UNSTABLE SUBGRADE BASED ON THE PROOF ROLLING RESULTS AND VISUAL OBSERVATIONS.  
  
EXCAVATE UNSTABLE SUBGRADE AS DIRECTED BY THE ENGINEER AND STABILIZE BY REPLACING WITH THE SPECIFIED MATERIALS ACCORDING TO 204.07. EXCAVATIONS WILL EXTEND 18 INCHES BEYOND THE EDGE OF THE SURFACE OF THE PAVEMENT, PAVED SHOULDERS, OR PAVED MEDIANS.
- FINE GRADE THE SUBGRADE TO THE SPECIFIED GRADE.

BENCHING OF FOUNDATION SLOPES

ALTHOUGH CROSS-SECTIONS INDICATE SPECIFIC DIMENSIONS FOR PROPOSED BENCHING OF THE EMBANKMENT FOUNDATIONS IN CERTAIN AREAS, NO WAIVER OF THE SPECIFICATIONS IS INTENDED. BENCH ALL OTHER SLOPED EMBANKMENT AREAS AS SET FORTH IN 203.05.

2	2020-01-03	DCO27
1	2019-08-06	DCO15
0	2019-06-13	RFC
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CITY OF CLEVELAND ANTI-IDLING POLICY

AS PART OF PROJECT SUSTAINABILITY EFFORTS, THE CONTRACTOR SHALL FOLLOW THE CITY OF CLEVELAND MAYOR'S OFFICE OF SUSTAINABILITY ANTI-IDLING POLICY. NO GASOLINE-POWERED VEHICLES OR PIECES OF EQUIPMENT ON ANY PROJECT SITE SHALL BE IDLED IN NON-EMERGENCY SITUATIONS. THE OPERATOR OF THE GASOLINE-POWERED VEHICLE/EQUIPMENT IS TO TURN OFF THE UNIT AND THE KEYS ARE TO BE REMOVED FROM THE IGNITION DURING PERIODS OF INACTIVITY LONGER THAN 30 SECONDS.

THE FOLLOWING SITUATIONS WILL ALLOW IDLING AS NEEDED:

- VEHICLES AT JOB SITES REQUIRING THE USE OF EMERGENCY LIGHTS AND/OR OTHER ACCESSORIES TO ACCOMPLISH THEIR ASSIGNMENT; AND
- INCLEMENT WEATHER SITUATIONS AND THE SUPERVISOR AUTHORIZES THE USE OF THE VEHICLE/EQUIPMENT HEATER-DEFROSTER FOR THE WORK CREW'S COMFORT ACCORDING TO THE FOLLOWING GUIDELINES IF THE OUTSIDE TEMPERATURE IS:
  - ABOVE 32 DEGREES FAHRENHEIT: 5 MINUTE MAXIMUM
  - BETWEEN -10 AND 32 DEGREES FAHRENHEIT: 15 MINUTE MAXIMUM
  - BELOW -10 DEGREES FAHRENHEIT: AS NECESSARY

ITEM SPECIAL - ABANDONED UTILITY

FOR ABANDONED UTILITIES 10" IN DIAMETER OR LARGER, ITEM 613 FILL MATERIAL SHALL BE PUMPED INTO PLACE, OR PLACED BY OTHER MEANS APPROVED BY THE ENGINEER, SO THAT, AFTER SETTLEMENT, AT LEAST 90 PERCENT OF THE CROSS SECTIONAL AREA OF THE UTILITY, FOR ITS ENTIRE LENGTH, SHALL BE FILLED.

UNDERGROUND UTILITIES

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.

CONCURRENT UTILITY RELOCATION

PUBLIC AND PRIVATE UTILITY RELOCATIONS WILL BE OCCURING CONCURRENT WITH THE PROJECT. UTILITY NOTES ARE INCLUDED IN UTILITY-SPECIFIC PLAN PACKAGES BU-09, BU-10, AND BU-11. THE CONTRACTOR IS MADE AWARE THAT THE ABILITY OF SOME UTILITIES TO RELOCATE IS DEPENDANT UPON THE CONTRACTORS PERFORMANCE OF SOME WORK.

THE CONTRACTOR SHALL CONFIRM THE RELOCATION CONSTRUCTION TIMEFRAMES REQUIRED BY UTILITY OWNER AND INCORPORATE THESE TIMEFRAMES INTO THE PROJECT CPM SCHEDULE. CONTRACTOR SHALL ENSURE ALL UTILITIES REMAIN OPERATIONAL DURING ALL PHASES OF PROJECT CONSTRUCTION EXCEPT AS SPECIFICALLY ALLOWED AND APPROVED BY THE UTILITY OWNER. NECESSARY INTERRUPTIONS OF SERVICE, INCLUDING PROPOSALS FOR SHUTDOWNS AND TEMPORARY DIVERSIONS OF AFFECTED UTILITIES, SHALL BE APPROVED BY THE UTILITY OWNER AND ODOT.

DOMINION EAST OHIO - PIPELINE PROTECTION

IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE LATERAL AND SUBJACENT SUPPORT OF DOMINION'S PIPELINE(S), IN COMPLIANCE TO 29 CFR, PART 1926, SUBPART P, (SAFE EXCAVATION & SHORING). ONE-FOOT MINIMUM VERTICAL AND HORIZONTAL CLEARANCE MUST BE MAINTAINED BETWEEN DOMINION EAST OHIO'S (DEO) EXISTING PIPELINE(S) AND ALL OTHER IMPROVEMENTS. EXTREME CARE SHOULD BE TAKEN NOT TO HARM ANY DEO FACILITY (PIPELINES, ETC.) OR APPURTENANCE (PIPE COATING, TRACER WIRE, CATHODIC PROTECTION TEST STATION WIRES & DEVICES, VALVE BOXES, ETC.). DEO FACILITIES MUST BE PROTECTED WITH A TARP DURING BRIDGE CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE AND LIABLE FOR ENSURING THAT ALL DEO EXISTING FACILITIES, ABOVE AND BELOW GROUND, REMAIN UNDAMAGED, ACCESSIBLE AND IN WORKING ORDER. THE CROSSING OF DEO'S PIPELINE WITH ANOTHER STEEL FACILITY MAY CREATE A POTENTIAL CORROSION ISSUE FOR THE PROPOSED FACILITY AND THE EXISTING DEO FACILITY. PLEASE CONTACT DOMINION'S CORROSION DEPARTMENT: DAVE CUTLIP (330-266-2121), RICK MCDONALD (330-266-2122), OR AL HUMRICHOUSER (330-478-3757).

DEO = THE EAST OHIO GAS COMPANY.  
DBA DOMINION EAST OHIO, 1-800-362-7557

UTILITY COORDINATION - WATERWORK

CONTRACTOR SHALL NOTIFY CITY OF CLEVELAND: DIVISION OF WATER (CWD) 14 DAYS IN ADVANCE OF WORKING NEAR LIVE CWD MAINS 20" AND LARGER IN DIAMETER.

UTILITY COORDINATION - ELECTRICAL

CONTRACTOR SHALL NOTIFY AND COORDINATE WITH CLEVELAND ILLUMINATING COMPANY (CIC) ONE (1) WEEK IN ADVANCE OF CONSTRUCTION OF SURFACE COURSE TO ADJUST STRUCTURES TO GRADE. SEE ROADWAY PLANS FOR STRUCTURES AND LOCATIONS.

UTILITY COORDINATION - TELECOMMUNICATIONS

CONTRACTOR SHALL NOTIFY AND COORDINATE WITH AT&T TWENTY-ONE (21) DAYS IN ADVANCE OF CONSTRUCTION FOR ADJUSTMENT OF CASTINGS. CONTRACTOR SHALL USE CAUTION WHEN EXCAVATING, SHALL PROTECT EXPOSED UTILITIES IN PLACE, AND SHALL NOT TRAVERSE EXPOSED DUCTS.

ITEM 690 - SPECIAL, MISC.: UTILITY TEST HOLE (LESS THAN FOUR FEET DEEP)

PRIOR TO INSTALLING ANY OF THE SIGNAL ITEMS, LIGHTING ITEMS, UNDERDRAIN ITEMS, PLANTING ITEMS, AND DRAINAGE ITEMS, AND OTHER RELATED CONSTRUCTION ACTIVITIES, THE CONTRACTOR IS RESPONSIBLE TO DETERMINE THE TYPE AND LOCATION OF ALL UNDERGROUND UTILITIES.

IF THERE IS AN UNDERGROUND CONFLICT INVOLVING A DRAINAGE ITEM, NOTIFY THE DEPARTMENT IMMEDIATELY.

BACKFILL AND COMPACT THE TEST HOLE AND RESTORE THE SURFACE AS DESCRIBED UNDER RESTORATION OF DISTURBED AREAS WHEN DIRECTED BY THE ENGINEER.

THE DEPTH OF THE TEST HOLE WILL BE MEASURED FROM THE ELEVATION OF THE EXISTING GROUND AT THE TIME OF THE TESTING TO THE TOP OF THE UTILITY. IF EMBANKMENT HAS BEEN PLACED, THE MEASUREMENT WILL BE FROM THE ELEVATION OF THE GROUND PRIOR TO THE PLACEMENT OF THE EMBANKMENT. THE CONTRACTOR IS RESPONSIBLE FOR UTILITY DAMAGE BY TEST HOLE ACTIVITIES AS DETERMINED BY THE ENGINEER.

INFORM THE ENGINEER OF THE LOCATIONS OF THE TEST HOLES PRIOR TO BEGINNING THIS WORK.

THE UTILITY TEST HOLES (LESS THAN 4 FEET DEEP) INCLUDES THE COST OF LABOR, MATERIALS, EQUIPMENT, TOLLS, AND OTHER INCIDENTALS INCLUDING BACKFILL, COMPACTING AND SURFACE RESTORATION.

ENVIRONMENTAL COMMITMENTS

KENNETH L. JOHNSON RECREATION CENTER

THE KENNETH L. JOHNSON RECREATION CENTER CONSTITUTES A PROTECTED SECTION 4(f) RECREATIONAL PROPERTY. THE TEMPORARY OCCUPANCY OF THE RECREATION CENTER SHALL AVOID THE SECTION 6(f) BOUNDARY OF THE RECREATION CENTER AS SHOWN ON THE PLANS.

THE CONTRACTOR SHALL ADHERE TO THE FOLLOWING MEASURES TO MINIMIZE HARM TO THE KENNETH L. JOHNSON RECREATION CENTER PROPERTY:

- PROTECT RECREATION CENTER AREAS AND OCCUPANTS THROUGHOUT THE PERIOD OF CONSTRUCTION AFFECTING THE RECREATION CENTER THROUGH THE USE OF WARNING SIGNS, GATES, BARRICADES, AND/OR FENCES.
- ACCESS TO THE RECREATION CENTER SHALL BE MAINTAINED AT ALL TIMES.
- THE CONTRACTOR SHALL CLOSELY COORDINATE THE CONSTRUCTION SCHEDULE WITH THE CITY OF CLEVELAND. THE CONTRACTOR SHALL NOTIFY THE CITY, IN WRITING, OF THE OCCUPATION DATES TWO WEEKS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- DISTURBED AREAS SHALL BE RESTORED TO A CONDITION AT LEAST AS GOOD AS OR BETTER THAN THAT WHICH EXISTED PRIOR TO CONSTRUCTION ACTIVITIES.
- STAGING AND/OR STORAGE OF CONSTRUCITON EQUIPMENT IS PROHIBITED WITHIN THE EXISTING BOUNDARIES OF THE SECTION 4(f) PROPERTY)
- IF UNEXPECTED WORK ON THE RECREATION CENTER PROPERTY IS NEEDED, ADVANCE NOTICE WILL BE GIVEN TO THE CITY AND ODOT TO DETERMINE IF ADDITIONAL COORDINATION IS NEEDED.
- TEMPORARY CONSTRUCTION FENCE SHALL BE INSTALLED ALONG PROPOSED CONSTRUCTION LIMITS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES TO PROTECT THE EXISTING SECTION 4(f) PROPERTY AND THE PUBLIC. TEMPORARY FENCE SHALL MEET THE SPECIFICATIONS OF ITEM 607 FENCE, TYPE CLT.
- APPROPRIATE SIGNAGE SHALL BE INSTALLED TO ALERT USERS OF THE RECREATION CENTER OF CONSTRUCTION ACTIVITIES, ACCESS RESTRICTION OR CLOSURES, AND TO DIRECT USERS TO SECONDARY ACCESS POINTS.

THREATENED AND ENDANGERED SPECIES

THIS PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT AND NORTHERN LONG-EARED BAT. NO TREES SHALL BE REMOVED UNDER THIS PROJECT FROM APRIL 1 THROUGH SEPTEMBER 30. ALL NECESSARY TREE REMOVAL SHALL OCCUR FROM OCTOBER 1 THROUGH MARCH 31. THIS REQUIREMENT IS NECESSARY TO AVOID AND MINIMIZE IMPACTS TO THESE SPECIES AS REQUIRED BY THE ENDANGERED SPECIES ACT. FOR THE PURPOSES OF THIS PROJECT, A TREE IS DEFINED AS A LIVE, DYING OR DEAD WOODY PLANT, WITH A TRUNK THREE (3) INCHES OR GREATER IN DIAMETER AT A HEIGHT OF 4.5 FEET ABOVE THE GROUND SURFACE AND WITH A MINIMUM HEIGHT OF 13 FEET.

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DRAINAGE/SANITARY

SEE BUILDABLE UNITS BU05, BU09, BUI7A, BUI3, BU21, BU24 FOR DRAINAGE AND SANITARY GENERAL NOTES.

ITEM 659 - SEEDING AND MULCHING, AS PER PLAN

THE CONTRACTOR SHALL SEED ALL DISTURBED AREAS THAT ARE NOT PAVED OR OTHERWISE COVERED IN NON-ERODIBLE SURFACE, IN ACCORDANCE WITH C&MS ITEM 659, AND AS SPECIFIED BELOW, EXCEPT FOR AREAS IDENTIFIED FOR SPECIFIC AESTHETIC TREATMENTS BELOW. FOR SLOPES 3:1 OR STEEPER (H:V), THE CONTRACTOR SHALL PROVIDE SLOPE EROSION PROTECTION IN ACCORDANCE WITH C&MS 670.

THE CONTRACTOR SHALL PLACE A MINIMUM OF 4 INCHES OF TOPSOIL PRIOR TO SEEDING OPERATIONS. CLASS I SEED SHALL BE USED EXCEPT IN LOCATIONS WHERE SIDE SLOPES ARE 3:1 OR STEEPER, WHERE CLASS 3B SHALL BE USED. SOIL ANALYSIS TESTING, WATER, LIME, COMMERCIAL FERTILIZER, REPAIR SEEDING AND MULCHING, INTER-SEEDING, AND MOWING SHALL BE PROVIDED TO PROMOTE THE GROWTH AND CARE OF PERMANENT SEEDED AREAS.

THE CONTRACTOR SHALL INSTALL SIDEWALK FROM THE BACK OF CURB TO THE FACE OF ABUTMENT/RETAINING WALL ON THE OUTSIDES OF THE ROAD AND FROM BACK OF CURB TO BACK OF CURB IN MEDIAN AREAS WHERE OH-10 PASSES UNDER THE PROPOSED STRUCTURES AT E.55TH STREET AND NORFOLK SOUTHERN. NO SEEDED AREA SHALL BE PLACED UNDER THE BRIDGES.

REMOVAL OF TEMPORARY EROSION CONTROL ITEMS

ALL TEMPORARY EROSION CONTROL ITEMS SHALL BE REMOVED BEFORE THE PROJECT IS ACCEPTED. REMOVED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED IN ACCORDANCE WITH THE C&MS.

ITEM 606 - ANCHOR ASSEMBLY, MGS TYPE B

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING ANY OF THE GUARDRAIL END TERMINALS FOR TYPE MGS GUARDRAIL AS LISTED ON ROADWAY ENGINEERING'S WEB PAGE UNDER ROADSIDE SAFETY DEVICES FOR APPROVED GUARDRAIL END TREATMENTS. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

REFER TO THE MANUFACTURER'S INSTRUCTIONS REGARDING THE INSTALLATION OF, AND THE GRADING AROUND THE FOUNDATION TUBES AND GROUND STRUT. THE TOP OF ANY FOUNDATION TUBE SHOULD BE LESS THAN 4 INCHES ABOVE THE GROUND. THE PLACEMENT OF THE FOUNDATION TUBES SHOULD BE AN APPROPRIATE DEPTH BELOW THE LEVEL LINE IN ORDER TO MAINTAIN THE FINISHED GUARDRAIL HEIGHT OF 31 INCHES FROM THE EDGE OF THE SHOULDER.

ON-SITE GRADING IS REQUIRED IF THE TOP OF THE FOUNDATION TUBES OR TOP OF THE GROUND STRUT DOES PROJECT MORE THAN 4 INCHES ABOVE THE GROUND LINE.

THE FACE OF THE TYPE B IMPACT HEAD SHALL BE COVERED WITH TYPE G REFLECTIVE SHEETING, PER CMS 730.19.

ITEM 606 - ANCHOR ASSEMBLY, MGS TYPE B, EACH SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT, AND MATERIALS NECESSARY TO CONSTRUCT A COMPLETE AND FUNCTIONAL ANCHOR ASSEMBLY SYSTEM, INCLUDING ALL RELATED TRANSITIONS, REFLECTIVE SHEETING, HARDWARE, GRADING, EMBANKMENT, AND EXCAVATION NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

ITEM 606 - ANCHOR ASSEMBLY, MGS TYPE E

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING ANY OF THE GUARDRAIL END TERMINALS FOR TYPE MGS GUARDRAIL AS LISTED ON ROADWAY ENGINEERING'S WEB PAGE UNDER ROADSIDE SAFETY DEVICES FOR APPROVED GUARDRAIL END TREATMENTS. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE FACE OF THE TYPE E IMPACT HEAD SHALL BE COVERED WITH TYPE G REFLECTIVE SHEETING, PER CMS 730.19.

REFER TO THE MANUFACTURER'S INSTRUCTIONS REGARDING THE INSTALLATION OF, AND THE GRADING AROUND THE FOUNDATION TUBES AND GROUND STRUT. THE TOP OF ANY FOUNDATION TUBE SHOULD BE LESS THAN 4 INCHES ABOVE THE GROUND. THE PLACEMENT OF THE FOUNDATION TUBES SHOULD BE AN APPROPRIATE DEPTH BELOW THE LEVEL LINE IN ORDER TO MAINTAIN THE FINISHED GUARDRAIL HEIGHT OF 31 INCHES FROM THE EDGE OF THE SHOULDER.

ON-SITE GRADING IS REQUIRED IF THE TOP OF THE FOUNDATION TUBES OR TOP OF THE GROUND STRUT DOES PROJECT MORE THAN 4 INCHES ABOVE THE GROUND LINE.

ITEM 606 - ANCHOR ASSEMBLY, MGS TYPE E, EACH SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT, AND MATERIALS NECESSARY TO CONSTRUCT A COMPLETE AND FUNCTIONAL ANCHOR ASSEMBLY SYSTEM, INCLUDING ALL RELATED TRANSITIONS, REFLECTIVE SHEETING, HARDWARE, GRADING, EMBANKMENT, AND EXCAVATION NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

ITEM 607 - FENCE, TYPE CL, AS PER PLAN, A

INSTALL FENCE IN ACCORDANCE WITH CMS 607 AND ODOT STANDARD CONSTRUCTION DRAWING F-1.1 WTH THE FOLLOWING EXCEPTIONS: FENCE HEIGHT SHALL BE 6 FEET. FENCE SHALL INCLUDE TOP RAIL AND BARBED WIRE.

ITEM 607 - FENCE, TYPE CL, AS PER PLAN, B

INSTALL FENCE IN ACCORDANCE WITH CMS 607 AND ODOT STANDARD CONSTRUCTION DRAWING F-1.1 WTH THE FOLLOWING EXCEPTIONS: FENCE HEIGHT SHALL BE 10 FEET. FENCE SHALL INCLUDE TOP RAIL AND BARBED WIRE.

ITEM 607 - FENCE, TYPE CL, AS PER PLAN, C

INSTALL RIGHT-OF-WAY FENCE IN ACCORDANCE WITH NORFOLK SOUTHERN REQUIREMENTS AS SHOWN IN REFERENCE DETAIL SHEET 404

REMOVAL OF EXISTING ROADWAY AND APPURTENANCES

THE CONTRACTOR SHALL REMOVE ALL EXISTING OBJECTS AND OBSTRUCTIONS WITHIN THE WORK LIMITS NECESSARY TO CONSTRUCT THE PROJECT PER C&MS 202 AND AS SHOWN IN THE PLANS. REMOVALS INCLUDE EXISTING PAVEMENT AND SIDEWALK, CURB AND GUTTER, UNUSED PAVEMENT AND UNUSED SIDEWALK, STEPS, DRAINAGE FACILITIES, SOIL, ROAD BARRIERS, WALLS, RAILINGS, FENCING, AND SIGNS.

THE CONTRACTOR SHALL REMOVE UNUSED PAVEMENT AND SIDEWALK ON EXISTING FACILITIES, AND PAVEMENT FOR DETOUR ROUTES THAT ARE NOT PART OF THE FINAL PAVEMENT OR SIDEWALK CONFIGURATION OF THE PROJECT. THE CONTRACTOR SHALL REMOVE ALL EXISTING OBJECTS AND OBSTRUCTIONS DOWN TO A MINIMUM OF 2 FEET BELOW THE EXISTING SURROUNDING GROUND ELEVATION OR TO THE ELEVATION NECESSARY TO CONSTRUCT THE WORK, WHICHEVER IS GREATER.

THE CONTRACTOR SHALL REMOVE ALL EMBANKMENT MATERIAL ASSOCIATED WITH UNUSED PAVEMENTS TO MATCH THE SURROUNDING AREAS. IN REMOVAL AREAS ABUTTING EXISTING FACILITIES TO REMAIN REMOVALS SHALL BE COMPLETED IN A MANNER THAT CREATES A NEAT EDGE PER C&MS 202 AND DOES NOT DAMAGE OR COMPROMISE THE PORTIONS OF ITEMS TO REMAIN.

NEGLIGENCE ON THE PART OF THE CONTRACTOR AS DETERMINED BY THE DEPARTMENT THAT RESULTS IN DAMAGE TO EXISTING ITEMS TO REMAIN SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE DEPARTMENT AT THE COST OF THE CONTRACTOR. SEE SITE SPECIFIC REQUIREMENTS ON SHEET 35 FOR ADDITIONAL REMOVAL REQUIREMENTS OF THE CONTRACTOR.

IN ADDITION, THE CONTRACTOR SHALL, THROUGHOUT THE DURATION OF THE PROJECT, PERFORM ROADSIDE CLEAN UP IN ACCORDANCE WITH C&MS 656.01 AND 656.05 AND PERFORM ROUTINE MOWING IN ACCORDANCE WITH C&MS 659.19 WITHIN PERMANENT AND TEMPOARY RIGHT OF WAYS TO MAINTAIN THE PROJECT IN A PRESENTABLE CONDITION.

THE FOLLOWING EXCEPTIONS APPLY TO THE PREVIOUS REQUIREMENTS:

1. IN THE CASE OF EXISTING ROADWAYS AND APPURTENANCES THAT WILL NO LONGER BE UTILIZED AFTER COMPLETION OF THIS PROJECT, AFFECTED ROADWAY PAVEMENTS AND APPURTENACES SHALL BE REMOVED LEAVING NO VISIBLE EVIDENCE OF THEIR PREVIOUS EXISTENCE BEYOND EXISTING TIE-IN POINTS.
2. IN AREAS OF ROADWAY REMOVAL, THIS SHALL INCLUDE PAVEMENT AND BASE COURSE REMOVAL; FILL AS NECESSARY, AT LEAST 4 INCHES OF TOPSOIL, AND SEEDING.

THE CONTRACTOR SHALL GRADE AREAS TO DRAIN AND NOT CREATE NEW PONDING AREAS AND RESTORE THE SITE TO A CONTINUOUS, CONSISTENT FACILITY. SEE GRADING PLANS ON SHEETS 405 TO 421 FOR SPECIFIC SITE GRADING REQUIREMENTS.

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SITE SPECIFIC REQUIREMENTS

SITE CLEARING SHALL BE PERFORMED PER C&MS 201 AND AS SPECIFIED BY PARCEL IN THE SITE-SPECIFIC WORK TO BE PERFORMED BY THE CONTRACTOR. REFER TO SHEETS 423 - 437 (FROM SECTION 3 RIGHT-OF-WAY TRACING PLANS) FOR PARCEL NUMBERS AND ADDRESSES. SITE CLEARING ON ALL PARCELS WITHIN PERMANENT AND TEMPORARY EASEMENT LIMITS SHALL BE DEFINED AS FOLLOWS:

TOTAL SITE CLEARING

TOTAL SITE CLEARING SHALL REQUIRE REMOVAL FROM THE PARCEL ALL SITE IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO BUILDING AND FOUNDATION REMNANTS; WALLS AND FENCING; DRIVES, WALKS, AND OTHER PAVEMENTS; AND UTILITIES.

THE CONTRACTOR SHALL ALSO REMOVE ALL TREES, SHRUBS, PLANTS, BRUSH, UNDERGROWTH, STUMPS, AND OTHER VEGETATION AS PART OF CLEARING AND GRUBBING. THE REMOVAL AND PROPER DISPOSAL OF DEBRIS, RUBBISH, AND OHTER ABANDONED PROPERTY FOUND WITHIN BUILDINGS OR ON THE PARCEL WITHIN PERMANENT EASEMENT LIMITS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

THE CONTRATOR SHALL RESTORE THE PARCELS TO A BARE GRASS LOT IN MOWABLE CONDITION WITH TOPOSOIL AND SEEDING TO FACILITATE ODOT MAINTENANCE.

TOTAL SITE CLEARING AS DESCRIBED ABOVE APPLIES TO THE FOLLOWING PARCELS:

2097	2172	2214-WD	2240	2312-T
2107	2180	2216-WD	2241	2313-WD
2108	2189A	2226-WD1	2242	2321
2122	2190	2231	2243	2322
2125-WD	2201	2232	2250	2332
2130-WD	2202	2233	2251	2333-WD
2145	2209	2234	2272	2355
2150A	2210	2235	2291	2372
2163	2211	2236	2296	2386-T1
2164	2212	2238	2298	
2166	2213	2239	2299	

IN ADDITION TO THE REQUIREMENTS STATED ABOVE, TOTAL SITE CLEARING AT THE FOLLOWING PROPERTIES, LISTED BY PARCEL NUMBER, PROPERTY OWNER, AND ADDRESS, INCLUDES REMOVAL AND PROPER DISPOSAL OF SUPERFICIAL WASTE:

2090, CLEVELAND LRP, 6616 BERWICK DRIVE  
2096, STATE OF OHIO, 6620 BERWICK DRIVE  
2109, ODOT, 6623 BERWICK DRIVE  
2161, CLEVELAND LRP, COLFAX ROAD  
2181, ODOT, E. 71ST STREET  
2182, CLEVELAND LRP, 2771 E. 71ST PLACE  
2186, STATE OF OHIO, 2772 E. 73RD STREET  
2187, CLEVELAND LRP, 2776 E. 73RD STREET  
2237, CLEVELAND LRP, 7609 RAWLINGS AVENUE  
2312-WD, MICELI-LOGRASSO DEVELOPMENT CO. III, LLC, 2700 GRAND AVENUE  
2360, ODOT, 2635 E. 87TH STREET  
2371, ODOT, 2622 E. 89TH STREET  
2405, STATE OF OHIO, 2538 E. 93RD STREET

TOTAL SITE CLEARING AT THE FOLLOWING PROPERTIES, LISTED BY PARCEL NUMBER, PROPERTY OWNER, AND ADDRESS, INCLUDES BUILDING DEMOLITION:

2142, STATE OF OHIO, 6811 KINSMAN ROAD; TWO-STORY FRAME HOUSE  
2165, DARLENE JACKSON, 6829 COLFAX ROAD; ONE AND ONE-HALF STORY FRAME HOUSE  
2167, BRASSSELL & MCGHEE, 6835 COLFAX ROAD; ONE AND ONE-HALF STORY FRAME HOUSE AND SHED

SITE SPECIFIC REQUIREMENTS (CONT'D)

PARTIAL SITE CLEARING

WHERE PARTIAL SITE CLEARING IS INDICATED, TOTAL SITE CLEARING REQUIREMENTS SHALL APPLY WITH THE FOLLOWING EXCEPTIONS:

1. OUTSIDE THE LIMITS OF PROPOSED WORK, THE CONTRACTOR SHALL REMOVE ALL DEAD OR DYING TREES AND LIMBS, ALL SHRUBS, PLANTS, BRUSH, UNDERGROWTH, AND STUMPS.
2. OUTSIDE THE LIMITS OF PROPOSED WORK, THE CONTRACTOR SHALL SALVAGE LIVING TREES 6-INCH AND LARGER.
3. WITHIN TEMPORARY EASEMENTS, THE CONTRACTOR SHALL AVOID IMPACT TO ANY ITEMS INDICATED NOT TO BE DISTURBED IN THE FOLLOWING SITE-SPECIFIC DESCRIPTION OF WORK TO BE PERFORMED.

PARTIAL SITE CLEARING AS DESCRIBED ABOVE APPLIES TO THE FOLLOWING PARCELS:

2089	2146	2192	2269	2336
2098	2154	2193	2270-WD	2367
2106	2155	2194	2271	2375
2110	2156	2204	2273	2380
2121	2157	2205	2287	2381
2123	2158	2207	2310	2383
2124	2168	2214-T	2313-T	2383A
2125-T	2174-T	2215	2315	2384
2128	2183	2226-T	2318	2385
2129	2184	2228	2319	2389
2136	2185	2229	2320	2400
2137	2188	2230	2330	
2138	2189	2267	2333-T	
2143	2191	2268	2334	

PARTIAL SITE CLEARING AT THE FOLLOWING PROPERTIES, LISTED BY PARCEL NUMBER, PROPERTY OWNER, AND ADDRESS, INCLUDES REMOVAL AND PROPER DISPOSAL OF SUPERFICIAL WASTE:

2099, CLEVELAND LRP, 6716 BERWICK ROAD  
2150, NORFOLK SOUTHERN, E. 68TH STREET  
2162, ODOT, 6815 COLFAX ROAD  
2169, PERRY & JONES, COLFAX ROAD  
2171, CLEVELAND LRP, 6814 GRAND AVENUE  
2173, CLEVELAND LRP, GRAND AVENUE  
2176, GEORGE ELIE WRECKING CO., E. 71ST STREET  
2206, MARGARET C. PRENDERGAST, 2792 E. 75TH STREET  
2331, CLEVELAND LRP, GRAND AVENUE  
2366, CLEVELAND LRP, 2640 E. 89TH STREET  
2368, STATE OF OHIO, 2634 E. 89TH STREET  
2382, CHARLY KASH, 2617 E. 89TH STREET  
2391, CLEVELAND LRP, CAPITOL AVENUE

PARTIAL SITE CLEARING AT THE FOLLOWING PROPERTIES, LISTED BY PARCEL NUMBER, PROPERTY OWNER, AND ADDRESS, INCLUDES BUILDING DEMOLITION:

2200, STATE OF OHIO, 2787 E. 73RD STREET; ONE AND ONE-HALF STORY FRAME HOUSE  
2227, STATE OF OHIO, 2756 E. 79TH STREET; ONE AND ONE-HALF STORY FRAME HOUSE  
2246, STATE OF OHIO, 7622 RAWLINGS ROAD; TWO-STORY FRAME HOUSE

SITE-SPECIFIC DESCRIPTION OF WORK TO BE PERFORMED

PARCEL 2130-T, CUYAHOGA CO. LRP, 6833 BERWICK ROAD  
DURING PARTIAL SITE CLEARING AND DRIVEWAY RECONSTRUCTION THE CONTRACTOR SHALL NOT DISTURB THE EXISTING SIGN.

PARCEL 2139, MINNIE SUTTON FEARS, 6823 KINSMAN ROAD  
DURING PARTIAL SITE CLEARING THE CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO AVOID IMPACTS TO THE GATED FENCE.

SITE SPECIFIC REQUIREMENTS (CONT'D)

PARCEL 2140, LUCAS, FRAZIER & ROSEMAN, 6821 KINSMAN ROAD

DURING PARTIAL SITE CLEARING AND DRIVE CONSTRUCTION THE CONTRACTOR SHALL NOT DISTURB EXISTING STEPS.

PARCEL 2141, BOND PYANT, 6815 KINSMAN ROAD  
DURING PARTIAL SITE CLEARING AND DRIVE AND WALK CONSTRUCTION THE CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO AVOID IMPACTS TO THE EXISTING BRICK WALL AND SHALL NOT DISTURB THE EXISTING STEPS.

PARCEL 2144, ERVIN, 6805 KINSMAN ROAD  
DURING PARTIAL SITE CLEARING AND DRIVE CONSTRUCTION THE CONTRACTOR SHALL NOT DISTURB EXISTING STEPS.

PARCEL 2151, CLEVELAND LRP, KINSMAN ROAD  
PARTIAL SITE CLEARING INCLUDES BILLBOARD REMOVAL AND REMOVAL AND PROPER DISPOSAL OF SUPERFICIAL WASTE.

PARCELS 2152 & 2153, GCRTA, KINSMAN ROAD  
DURING PARTIAL CLEARING AND ROADWAY CONSTRUCTION PROVIDE TEMPORARY CHAIN LINK FENCE TO PROTECT GCRTA RIGHT-OF-WAY DURING CONSTRUCTION AND RESTORE PERMANENT RIGHT-OF-WAY FENCE. TEMPORARY FENCE SHALL MEET THE SPECIFICATIONS OF ITEM 607 FENCE, TYPE CLT. TEMPORARY FENCE INSTALLATION MAY BE NON-PERFORMED IF PERMANENT FENCE CAN BE INSTALLED WITH NO INTERRUPTION OF SITE SECURITY AND NO DAMAGE TO PERMANENT FENCE.

PARCEL 2174-WD, LARRY UNDERWOOD, 6926 GRAND AVENUE  
TOTAL SITE CLEARING INCLUDES REMOVAL AND PROPER DISPOSAL OF SUPERFICIAL WASTE. CONTRACTOR SHALL NOT DISTURB EXISTING WOOD FENCE ALONG THE SOUTH BOUNDARY LINE WITH PARCEL 2175 ADJACENT TO E. 71ST PLACE.

PARCEL 2175, CLEVELAND LRP, E. 71ST PLACE  
PARTIAL SITE CLEARING INCLUDES REMOVAL AND PROPER DISPOSAL OF SUPERFICIAL WASTE. CONTRACTOR SHALL NOT DISTURB EXISTING WOOD FENCE ALONG THE NORTH BOUNDARY LINE WITH PARCEL 2174 ADJACENT TO E. 71ST PLACE.

PARCEL 2177, ACTIVITY HOLDING III, E. 71ST PLACE  
PARTIAL SITE CLEARING INCLUDES FENCE AND DEBRIS REMOVAL AND REMOVAL AND PROPER DISPOSAL OF SUPERFICIAL WASTE.

PARCEL 2203, CLEVELAND LRP, 2782 E. 75TH STREET  
PARTIAL SITE CLEARING INCLUDES EXISTING WALL AND FENCE REMOVAL AND REMOVAL AND PROPER DISPOSAL OF SUPERFICIAL WASTE.

PARCELS 2216-T, 2217, 2218 & 2219; THE ORLANDO BAKING COMPANY; 7614, 7720 & 7800 GRAND AVENUE  
PROVIDE TEMPORARY LIGHTING FOR PROPERTY. PROVIDE TEMPORARY FENCE ADJACENT TO GRADING AND CONSTRUCTION OPERATIONS TO MAINTAIN SITE SECURITY AT ALL TIMES. TEMPORARY FENCE SHALL MEET THE SPECIFICATIONS OF ITEM 607 FENCE, TYPE CL, AS PER PLAN, A. PARKING LOT SHALL BE RESTORED TO MATCH PRE-CONSTRUCTION CONDITIONS.

PARCEL 2226-WD2, THE ORLANDO BAKING COMPANY, 2754 E. 79TH STREET  
MODULAR BLOCK WALL SHALL BE RESET IF DISTURBED DURING PARTIAL SITE CLEARING AND ROADWAY CONSTRUCTION.

SITE SPECIFIC REQUIREMENTS (CONT'D)

PARCEL 2270-T, SEVENTH GENERATION DEVELOPMENT, E. 79TH STREET

PARTIAL SITE CLEARING INCLUDES PAVEMENT AND DRAINAGE REMOVAL ON PORTIONS OF GRAND AVENUE. CONTRACTOR SHALL CONSTRUCT AND MAINTAIN GATED TEMPORARY FENCE TO MAINTAIN SECURITY AT ALL TIMES FOR ACCESS TO PARCELS 2270, 2274, 2281, AND 2277 UNTIL SUCH TIME THAT SECURE ACCESS TO PARCEL 2277 IS REESTABLISHED AT RAWLINGS AVENUE. TEMPORARY FENCE SHALL MEET THE SPECIFICATIONS OF ITEM 607 FENCE, TYPE CL, AS PER PLAN, B.

PARCEL 2274, PERK COMPANY INC., GRAND AVENUE  
TOTAL SITE CLEARING INCLUDES BUILDING SLAB, FOUNDATION AND FENCE REMOVAL. CONTRACTOR SHALL CONSTRUCT AND MAINTAIN TEMPORARY FENCE ADJACENT TO PAVING AND CONSTRUCTION OPERATIONS TO MAINTAIN SECURITY AT ALL TIMES FOR ACCESS TO PARCELS 2281 AND 2277 UNTIL SUCH TIME THAT SECURE ACCESS TO PARCEL 2277 IS REESTABLISHED AT RAWLINGS AVENUE. TEMPORARY FENCE SHALL MEET THE SPECIFICATIONS OF ITEM 607 FENCE, TYPE CL, AS PER PLAN, B.

PARCEL 2275, CLEVELAND LRP, GRAND AVENUE  
PARTIAL SITE CLEARING INCLUDES REMOVAL AND PROPER DISPOSAL OF SUPERFICIAL WASTE. THE CONTRACTOR SHALL AVOID IMPACTS TO WOODEN GUARD POSTS. ANY GUARD POSTS IMPACTED BY CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR.

PARCEL 2277, MCTECH HOLDINGS, GRAND AVENUE  
TOTAL SITE CLEARING APPLIES WITHIN THE PERMANENT EASEMENT. PARTIAL SITE CLEARING APPLIES WITHIN THE TEMPORARY EASEMENT. SITE CLEARING INCLUDES PAVEMENT AND DRAINAGE REMOVAL ALONG PORTIONS OF GRAND AVENUE. CONTRACTOR SHALL CONSTRUCT AND MAINTAIN TEMPORARY FENCE ADJACENT TO GRADING AND CONSTRUCTION OPERATIONS TO MAINTAIN SITE SECURITY AT ALL TIMES. TEMPORARY FENCE SHALL MEET THE SPECIFICATIONS OF ITEM 607 FENCE, TYPE CL, AS PER PLAN, B.

SITE IMPROVEMENTS INCLUDE TWO RIGID COMMERCIAL PAVEMENT DRIVEWAY ACCESS POINTS ON THE SOUTH SIDE OF THE PROPERTY TO RAWLINGS AVENUE ON THE EAST AND WEST SIDES OF THE BUILDING. GATES SHALL BE PROVIDED IN THE EXISTING FENCE AT THE NEW DRIVEWAYS TO RAWLINGS AVENUE TO MAINTAIN SECURE PERIMETER FENCING.

RECONFIGURE PARKING LOT ON NORTH SIDE OF BUILDING TO ACCOMMODATE TWO-WAY TRAFFIC USING RIGID COMMERCIAL DRIVEWAY PAVEMENT. RESTORE DRVIEWAY CONNECTION AT NORTHEAST CORNER OF BUILDING BETWEEN PARKING LOT AND LOADING DOCK ON EAST SIDE OF BUILDING.

PARKING STALL RESTRICTIONS SHALL BE LIMITED TO A MAXIMUM OF 30 DAYS DURING WHICH TIME A MINIMUM OF 30 PARKING STALLS SHALL BE MAINTAINED. ACCESS TO LOADING DOCKS SHALL BE MAINTAINED AT ALL TIMES.

CATCH BASINS TO REMAIN SHALL BE ADJUSTED TO MATCH PROPOSED PARKING LOT GRADE. SITE GRADING SHALL MAINTAIN EXISTING DRAINAGE PATTERN. EXISTING STORM AND SANITARY SEWERS SHALL BE RECONNECTED.

DO NOT DISTURB FLAGPOLE, PARKING SIGNS, OR TREES AND LANDSCAPING ON THE NORTH SIDE OF THE BUILDING.

0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
ISSUE RECORD		

SITE SPECIFIC REQUIREMENTS (CONT'D)

PARCEL 2277, MCTECH HOLDINGS, GRAND AVENUE (CONT'D)  
PROVIDE RIGHT-OF-WAY FENCE PER NORFOLK SOUTHERN REQUIREMENTS ALONG PROPOSED RAILROAD EMBANKMENT. RIGHT-OF-WAY FENCE SHALL MEET THE SPECIFICATIONS OF ITEM 607 FENCE, TYPE CL, AS PER PLAN, C. SEE BU-15A FOR ADDITIONAL DETAILS.

PARCEL 2281, THE OPAL INDUSTRIAL GROUP, 2685 E. 79TH STREET  
TOTAL SITE CLEARING INCLUDES DEMOLITION OF THREE-STORY STEEL GARAGE AND TWO (2) OUT BUILDINGS; AND REMOVAL OF BUILDING REMNANTS, BUILDING SLABS, BUILDING FOUNDATIONS AND RETAINING WALL.

CONTRACTOR SHALL CONSTRUCT AND MAINTAIN TEMPORARY FENCE ADJACENT TO PAVING AND CONSTRUCTION OPERATIONS TO MAINTAIN SECURITY AT ALL TIMES FOR ACCESS TO PARCELS 2281 AND 2277 UNTIL SUCH TIME THAT SECURE ACCESS TO PARCEL 2277 IS REESTABLISHED AT RAWLINGS AVENUE. TEMPORARY FENCE SHALL MEET THE SPECIFICATIONS OF ITEM 607 FENCE, TYPE CL, AS PER PLAN, B.

PROVIDE RIGHT-OF-WAY FENCE PER NORFOLK SOUTHERN REQUIREMENTS ALONG PROPOSED RAILROAD EMBANKMENT. RIGHT-OF-WAY FENCE SHALL MEET THE SPECIFICATIONS OF ITEM 607 FENCE, TYPE CL, AS PER PLAN, C.

PARCEL 2284, NORFOLK SOUTHERN  
PARTIAL SITE CLEARING INCLUDES REMOVAL OF GRAND AVENUE UNDERPASS, REMOVAL AND PROPER DISPOSAL OF SUPERFICIAL WASTE, AND SITE GRADING TO MAINTAIN DRAINAGE.

PROVIDE RIGHT-OF-WAY FENCE PER NORFOLK SOUTHERN REQUIREMENTS ALONG PROPOSED RAILROAD EMBANKMENT. RIGHT-OF-WAY FENCE SHALL MEET THE SPECIFICATIONS OF ITEM 607 FENCE, TYPE CL, AS PER PLAN, C.

PARCEL 2285, NORFOLK SOUTHERN  
DO NOT DISTURB OVERHEAD SIGNAL TRUSS DURING SEWER INSTALLATION.

PARCEL 2290, ODOT, 2742 GRAND AVENUE  
TOTAL SITE CLEARING INCLUDES DEMOLITION OF BRICK WAREHOUSE WITH ONE, TWO, AND THREE-STORY SECTIONS AND REMOVAL AND PROPER DISPOSAL OF SUPERFICIAL WASTE, PAVEMENTS, AND UTILITIES.

PROVIDE RIGHT-OF-WAY FENCE PER NORFOLK SOUTHERN REQUIREMENTS AT THE GRAND AVENUE UNDERPASS ABANDONMENT. RIGHT-OF-WAY FENCE SHALL MEET THE SPECIFICATIONS OF ITEM 607 FENCE, TYPE CL, AS PER PLAN, C.

PARCEL 2293, GRAND AVENUE HOLDINGS, 2740 GRAND AVENUE  
TOTAL SITE CLEARING INCLUDES DEMOLITION OF OVERHEAD WALKWAY STRUCTURE. CONTRACTOR SHALL NOT OTHERWISE DISTURB EXISTING 5-STORY BRICK WAREHOUSE.

PARCEL 2294, ODOT, 2742 GRAND AVENUE  
TOTAL SITE CLEARING INCLUDES DEMOLITION OF THREE-STORY BRICK WAREHOUSE AND REMOVAL AND PROPER DISPOSAL OF SUPERFICIAL WASTE, PAVEMENTS, FENCING, AND UTILITIES.

PARCEL 2297, AMCLO GROUP, 2770 GRAND AVENUE  
TOTAL SITE CLEARING INCLUDES DEMOLITION OF THREE-STORY BRICK BUILDING, ONE-STORY BRICK OUT BUILDING, AND ONE-STORY BLOCK LOADING DOCK; AND REMOVAL AND PROPER DISPOSAL OF SUPERFICIAL WASTE, PAVEMENTS, FENCING, AND UTILITIES.

SITE SPECIFIC REQUIREMENTS (CONT'D)

PARCEL 2300, MICELI-LOGRASSO DEVELOPMENT COMPANY III, 2734 TENNYSON ROAD & 2810 E. 90TH STREET  
TOTAL SITE CLEARING INCLUDES COMBINED SEWER REMOVAL ALONG GRAND AVENUE AND REMOVAL AND PROPER DISPOSAL OF SUPERFICIAL WASTE. CONTRACTOR SHALL GRADE A DITCH TO CONVEY RUNOFF TO THE OH-10 STORM SEWER SYSTEM.

PROVIDE RIGHT-OF-WAY FENCE PER NORFOLK SOUTHERN REQUIREMENTS AT THE GRAND AVENUE UNDERPASS ABANDONMENT. RIGHT-OF-WAY FENCE SHALL MEET THE SPECIFICATIONS OF ITEM 607 FENCE, TYPE CL, AS PER PLAN, C.

PARCEL 2338, HUGHES, BUCKEYE ROAD  
PARTIAL SITE CLEARING AND DRIVEWAY CONSTRUCTION. CONSTRUCT TEMPORARY FENCE WITH BARBED WIRE ADJACENT TO GRADING AND CONSTRUCTION OPERATIONS TO MAINTAIN DRIVEWAY GATES AT ALL TIMES. TEMPORARY FENCE SHALL MEET THE SPECIFICATIONS OF ITEM 607 FENCE, TYPE CL, AS PER PLAN, A.

PARCEL 2339, JOHN C. BEVERLY, 8606 BUCKEYE ROAD  
CONSTRUCT TEMPORARY FENCE WITH BARBED WIRE ADJACENT TO GRADING AND CONSTRUCTION OPERATIONS TO MAINTAIN DRIVEWAY GATES AT ALL TIMES. TEMPORARY FENCE SHALL MEET THE SPECIFICATIONS OF ITEM 607 FENCE, TYPE CL, AS PER PLAN, A

PARCEL 2344, BLESSED HOPE MISSIONARY BAPTIST CHURCH, 8804 BUCKEYE ROAD  
TOTAL SITE CLEARING APPLIES WITHIN THE PERMANENT EASEMENT. PARTIAL SITE CLEARING APPLIES WITHIN THE TEMPORARY EASEMENT. THE TEMPORARY EASEMENT INCLUDES DRIVEWAY, FLEXIBLE PARKING LOT PAVEMENT, AND CURB CONSTRUCTION.

CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO AVOID IMPACT TO EXISTING FENCE. CONTRACTOR SHALL NOT DISTURB EXISTING CATCH BASINS WITHIN TEMPORARY EASEMENT.

PARKING STALL RESTRICTIONS SHALL BE LIMITED TO 60 DAYS DURING WHICH TIME A MINIMUM OF SIX PARKING STALLS SHALL BE MAINTAINED WITHIN THE TEMPORARY EASEMENT.

PARCEL 2345, STATE OF OHIO, 8714 BUCKEYE ROAD  
TOTAL SITE CLEARING INCLUDES DEMOLITION OF TWO AND ONE-HALF STORY BRICK/FRAME BUILDING; AND REMOVAL AND PROPER DISPOSAL OF SUPERFICIAL WASTE, PAVEMENTS, AND UTILITIES.

PARCELS 2356, 2357 & 2358, BUCKEYE BUSINESS GROUP, 8803 BUCKEYE ROAD  
CONSTRUCT RIGID PAVEMENT DRIVEWAY, FLEXIBLE PARKING LOT PAVEMENT, AND CURB.

DURING PARTIAL SITE CLEARING AND CONSTRUCTION OF IMPROVEMENTS, TWO CATCH BASINS WITHIN EASEMENT SHALL BE MAINTAINED AND ADJUSTED TO PAVEMENT GRADE. CONTRACTOR SHALL NOT DISTURB EXISTING COMMERCIAL SIGN OR SCULPTURE AT CORNER OF E. 89TH STREET AND BUCKEYE ROAD. CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO AVOID IMPACTS TO EXISTING LANDSCAPING.

PARCEL 2359, ODOT, 8715 BUCKEYE ROAD  
TOTAL SITE CLEARING INCLUDES DEMOLITION OF ONE-STORY BRICK CHURCH AND REMOVAL AND PROPER DISPOSAL OF SUPERFICIAL WASTE, PAVEMENTS, AND UTILITIES.

PARCEL 2361, STATE OF OHIO, 8701 BUCKEYE ROAD  
PARCEL 2362, STATE OF OHIO, 2639 E. 87TH STREET  
TOTAL SITE CLEARING INCLUDES DEMOLITION OF ONE-STORY BRICK/BLOCK BUILDING AND REMOVAL AND PROPER DISPOSAL OF SUPERFICIAL WASTE.

SITE SPECIFIC REQUIREMENTS (CONT'D)

PARCEL 2363, PERNEL JONES, SR., 8641 BUCKEYE ROAD  
DURING PARTIAL SITE CLEARING AND DRIVE CONSTRUCTION, CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO AVOID IMPACTS TO EXISTING FENCE.

PARCEL 2364, PERNEL JONES & SONS FUNERAL HOME, 8637 BUCKEYE ROAD  
DURING PARTIAL SITE CLEARING AND DRIVE CONSTRUCTION, CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO AVOID IMPACTS TO EXISTING CHAIN FENCE AND GATE. CONTRACTOR SHALL NOT DISTURB WOODEN STEPS ON WEST SIDE OF BUILDING.

PARCEL 2370, ODOT, 2622 E. 87TH STREET & 8706 WOODLAND AVENUE  
PARTIAL SITE CLEARING INCLUDES DEMOLITION OF TWO (2) BRICK AND ONE (1) FRAME BUILDINGS, REMOVAL OF PAVEMENT INCLUDING PORTIONS OF E. 87TH STREET, AND REMOVAL AND PROPER DISPOSAL OF SUPERFICIAL WASTE.

CONTRACTOR SHALL CONSTRUCT EMBANKMENT ALONG WOODLAND AVENUE FRONTAGE TO SIDEWALK ELEVATION AND PROVIDE CLEAR ZONE GRADING WITH 4:1 MAXIMUM SLOPE. SEE SHEET 419 FOR GRADING DETAILS. EXISTING WALL MOUNTED RAILINGS NO LONGER NEEDED SHALL BE REMOVED AS SHOWN IN THE PLANS. REMOVE THE WALL DOWN TO A MINIMUM OF 2 FEET BELOW THE FINAL SURROUNDING GROUND ELEVATIONS PER THE GRADING PLAN. WALLS SHALL BE PATCHED AT ATTACHMENT LOCATIONS.

PARCEL 2373, STATE OF OHIO, 8716 & 8800 WOODLAND AVENUE  
PARTIAL SITE CLEARING INCLUDES DEMOLITION OF ONE (1) THREE-SECTION BRICK/BLOCK BUILDING AND REMOVAL AND PROPER DISPOSAL OF SUPERFICIAL WASTE. CONTRACTOR SHALL REMOVE THE BLOCK WALL ALONG THE WEST SIDE OF E. 89TH STREET APPROACHING WOODLAND AVENUE.

CONTRACTOR SHALL CONSTRUCT EMBANKMENT ALONG WOODLAND AVENUE AND E. 89TH STREET FRONTAGE, REMOVE RAILINGS, REMOVE RETAINING WALL, AND PATCH EXISTING RETAINING WALL AS DESCRIBED IN THE REQUIREMENTS FOR PARCEL 2370.

PARCEL 2374, STATE OF OHIO, 8708 WOODLAND AVENUE  
PARTIAL SITE CLEARING INCLUDES DEMOLITION OF ONE-STORY BLOCK BUILDING AND REMOVAL AND PROPER DISPOSAL OF SUPERFICIAL WASTE.

CONTRACTOR SHALL CONSTRUCT EMBANKMENT ALONG WOODLAND AVENUE FRONTAGE, REMOVE RAILINGS, REMOVE RETAINING WALL, AND PATCH EXISTING RETAINING WALL AS DESCRIBED IN THE REQUIREMENTS FOR PARCEL 2370.

PARCEL 2386-T2, DELS REALTY, 8918 WOODLAND AVENUE  
DURING TOTAL SITE CLEARING, CONTRACTOR SHALL NOT DISTURB EXISTING FENCE GATES.

PARCEL 2390, PATRICK REALTY CORP., WOODLAND AVENUE & E. 89TH STREET  
DURING PARTIAL SITE CLEARING, CONTRACTOR SHALL NOT DISTURB EXISTING BILLBOARDS.

PARCELS 2401 & 2401A, NORFOLK SOUTHERN, E, 89TH STREET TO E. 93RD STREET  
PARTIAL SITE CLEARING INCLUDES REMOVAL AND PROPER DISPOSAL OF SUPERFICIAL WASTE.

SITE SPECIFIC REQUIREMENTS (CONT'D)

PARCELS 2401 & 2401A, NORFOLK SOUTHERN, E, 89TH STREET TO E. 93RD STREET (CONT'D)  
CONTRACTOR SHALL PROVIDE TEMPORARY FENCE TO PROTECT RAILROAD RIGHT-OF-WAY DURING CONSTRUCTION. TEMPORARY FENCE SHALL MEET THE SPECIFICATIONS OF ITEM 607 FENCE, TYPE CLT. RESTORE PERMANENT RIGHT-OF-WAY FENCE PER NORFOLK SOUTHERN REQUIREMENTS. RIGHT-OF-WAY FENCE SHALL MEET THE SPECIFICATIONS OF ITEM 607 FENCE, TYPE CL, AS PER PLAN, C.

IF NECESSARY, PERMANENT EMBANKMENT MAY BE CONSTRUCTED TO A MAXIMUM SLOPE OF 4:1. CONTRACTOR SHALL NOT DISTURB BILLBOARD, BILLBOARD SUPPORT, RAILROAD TRACKS, RAILROAD ROADBED, OR OTHER RAILROAD IMPROVEMENTS EXCEPT AS DIRECTED BY THE DEPARTMENT.

PARCEL 2404, LINDA DOBBINS, 9111 WOODLAND AVENUE  
DURING PARTIAL SITE CLEARING AND DRIVE CONSTRUCTION, CONTRACTOR SHALL NOT DISTURB EXISTING STEPS. CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO AVOID IMPACT TO EXISTING FENCE.

PARCEL 2407, CLEVELAND LRP, WOODLAND AVENUE  
DURING PARTIAL SITE CLEARING, CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO AVOID IMPACT TO EXISTING FENCE.

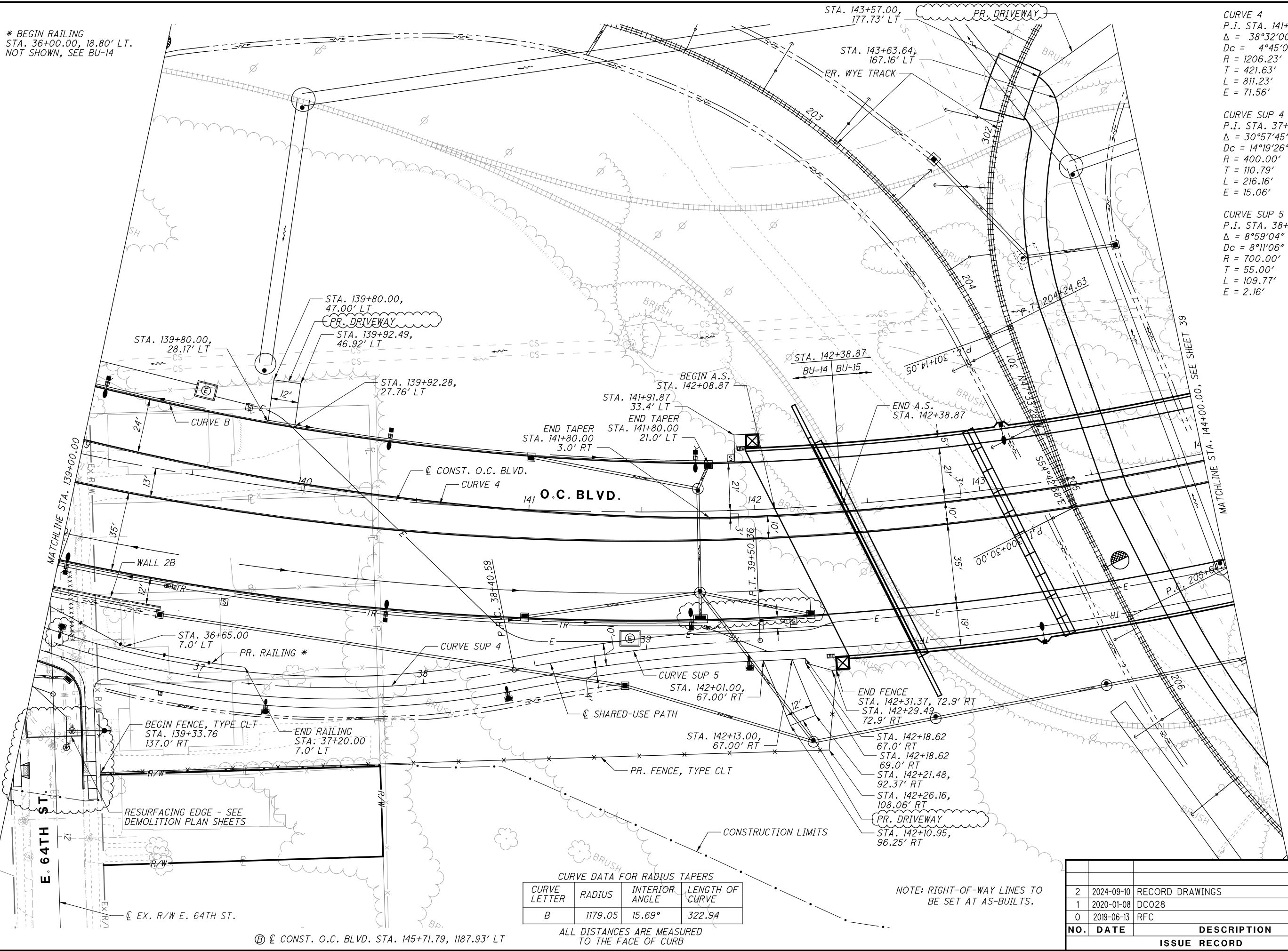
PARCEL 2420 & 2420A, NORFOLK SOUTHERN, E. 89TH STREET  
DURING PARTIAL SITE CLEARING CONTRACTOR SHALL PROVIDE TEMPORARY FENCE TO PROTECT RAILROAD RIGHT-OF-WAY DURING CONSTRUCTION. TEMPORARY FENCE SHALL MEET THE SPECIFICATIONS OF ITEM 607 FENCE, TYPE CLT. RESTORE PERMANENT RIGHT-OF-WAY FENCE PER NORFOLK SOUTHERN REQUIREMENTS. RIGHT-OF-WAY FENCE SHALL MEET THE SPECIFICATIONS OF ITEM 607 FENCE, TYPE CL, AS PER PLAN, C.

IF NECESSARY, PERMANENT EMBANKMENT MAY BE CONSTRUCTED TO A MAXIMUM SLOPE OF 4:1. CONTRACTOR SHALL NOT DISTURB RAILROAD TRACKS, RAILROAD ROADBED, OR OTHER RAILROAD IMPROVEMENTS EXCEPT AS DIRECTED BY THE DEPARTMENT.

PARCEL 2426, GCRTA, E. 89TH STREET  
EXISTING GROUND ELEVATIONS SHALL BE MAINTAINED DURING ACCESS FOR BRIDGE DEMOLITION AND BRIDGE CONSTRUCTION. NO EMBANKMENT IS PERMITTED ON THIS PARCEL.

0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
ISSUE RECORD		

\* BEGIN RAILING  
STA. 36+00.00, 18.80' LT.  
NOT SHOWN, SEE BU-14



CURVE 4  
P.I. STA. 141+58.93  
 $\Delta = 38^{\circ}32'00''$   
 $Dc = 4^{\circ}45'00''$   
 $R = 1206.23'$   
 $T = 421.63'$   
 $L = 811.23'$   
 $E = 71.56'$

CURVE SUP 4  
P.I. STA. 37+35.22  
 $\Delta = 30^{\circ}57'45''$   
 $Dc = 14^{\circ}19'26''$   
 $R = 400.00'$   
 $T = 110.79'$   
 $L = 216.16'$   
 $E = 15.06'$

CURVE SUP 5  
P.I. STA. 38+95.59  
 $\Delta = 8^{\circ}59'04''$   
 $Dc = 8^{\circ}11'06''$   
 $R = 700.00'$   
 $T = 55.00'$   
 $L = 109.77'$   
 $E = 2.16'$

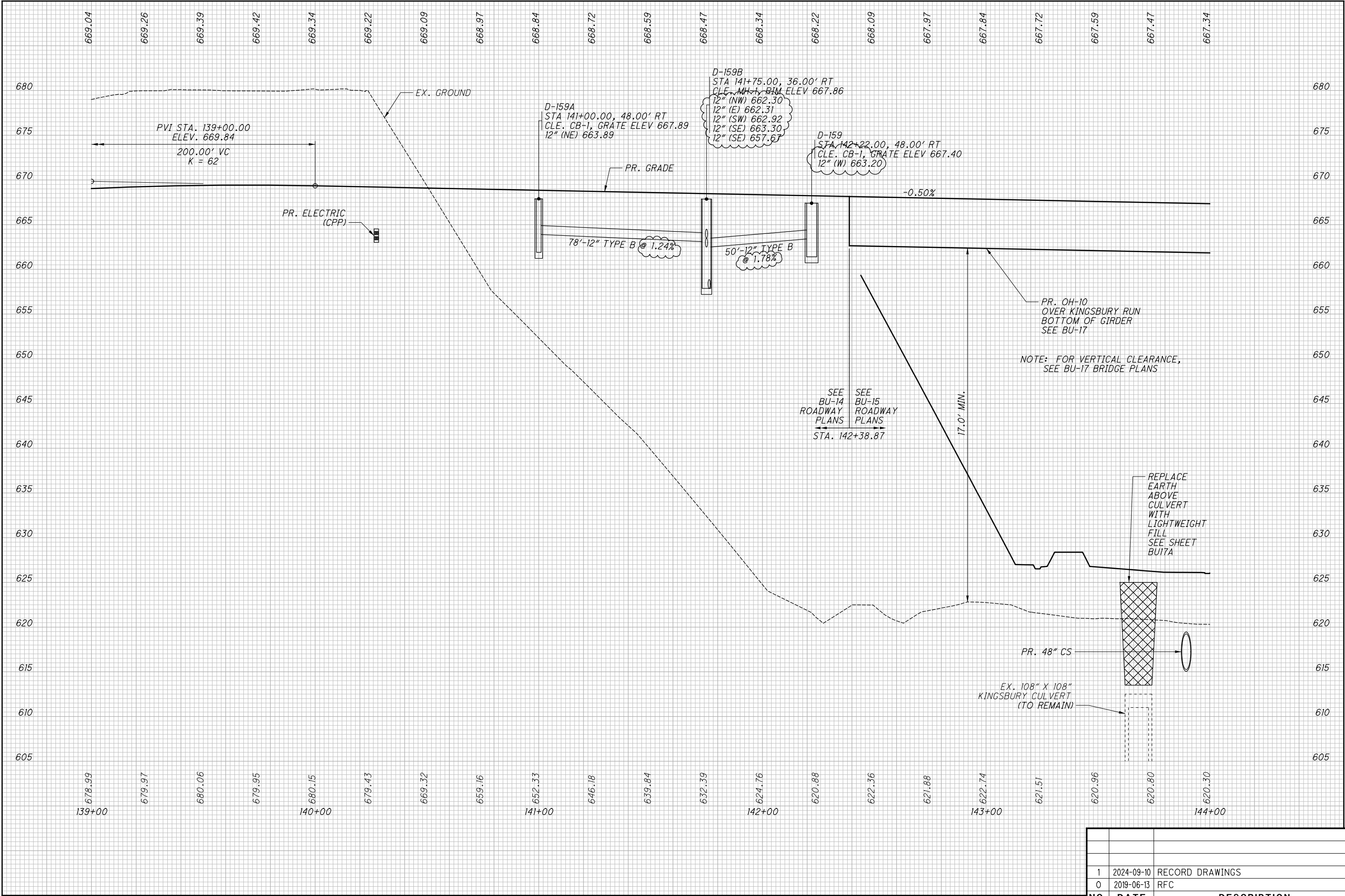
CURVE DATA FOR RADIUS TAPERS			
CURVE LETTER	RADIUS	INTERIOR ANGLE	LENGTH OF CURVE
B	1179.05	15.69°	322.94

ALL DISTANCES ARE MEASURED TO THE FACE OF CURB

NOTE: RIGHT-OF-WAY LINES TO BE SET AT AS-BUILTS.

ISSUE RECORD		
NO.	DATE	DESCRIPTION
2	2024-09-10	RECORD DRAWINGS
1	2020-01-08	DC028
0	2019-06-13	RFC

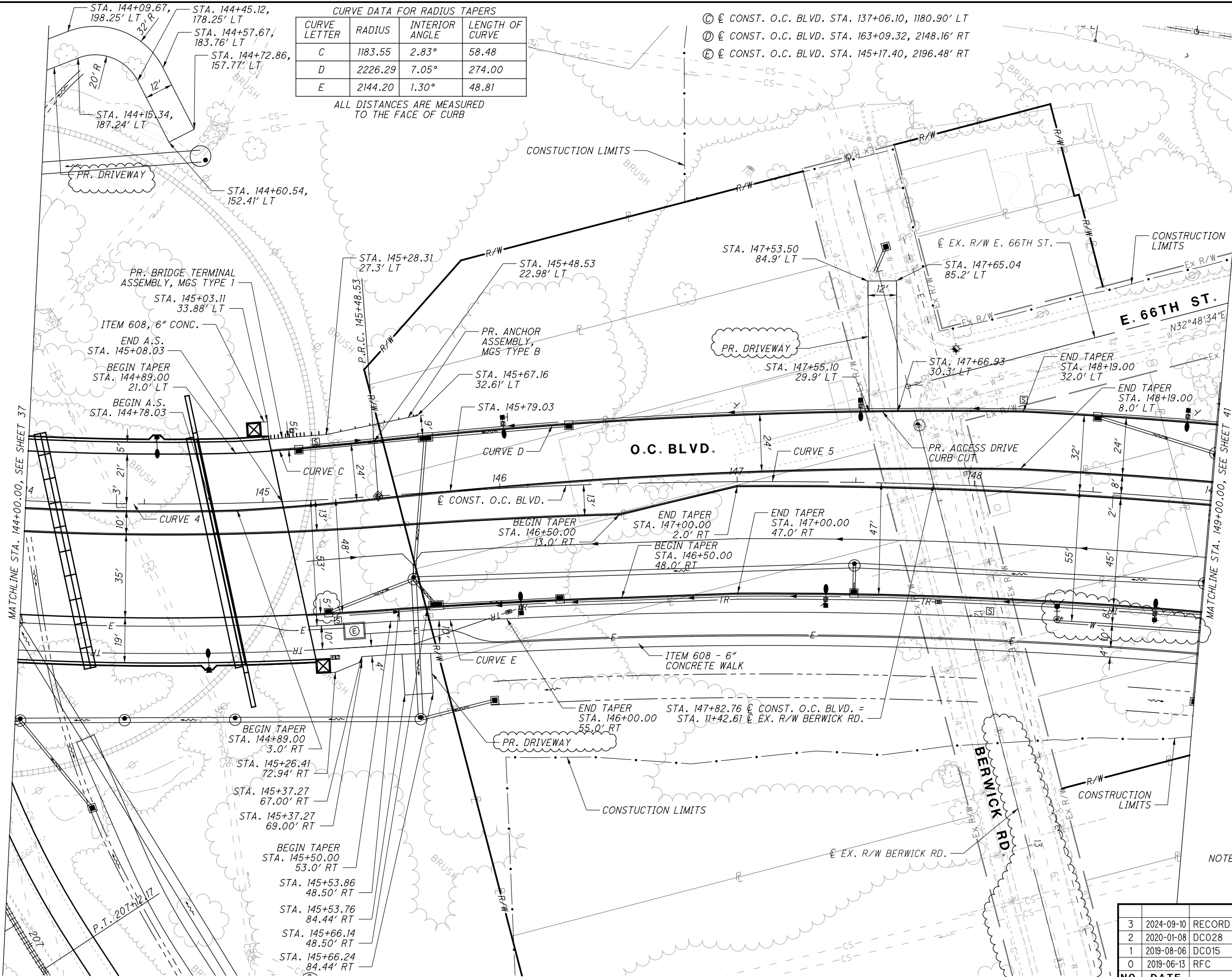




NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		

CUY-IR490/ SR010-  
2.09 / 19.28  
PROFILE - OPPORTUNITY CORRIDOR BLVD.  
BEGIN TO STA. 144+00.00

CALCULATED  
JTH  
CHECKED  
SM



CURVE DATA FOR RADIUS TAPERS			
CURVE LETTER	RADIUS	INTERIOR ANGLE	LENGTH OF CURVE
C	1183.55	2.83°	58.48
D	2226.29	7.05°	274.00
E	2144.20	1.30°	48.81

ALL DISTANCES ARE MEASURED TO THE FACE OF CURB

- Ⓒ Ⓔ CONST. O.C. BLVD. STA. 137+06.10, 1180.90' LT
- Ⓓ Ⓔ CONST. O.C. BLVD. STA. 163+09.32, 2148.16' RT
- Ⓔ Ⓔ CONST. O.C. BLVD. STA. 145+17.40, 2196.48' RT

CURVE 4  
P.I. STA. 141+58.93  
Δ = 38°32'00"  
Dc = 4°45'00"  
R = 1206.23'  
T = 421.63'  
L = 811.23'  
E = 71.56'

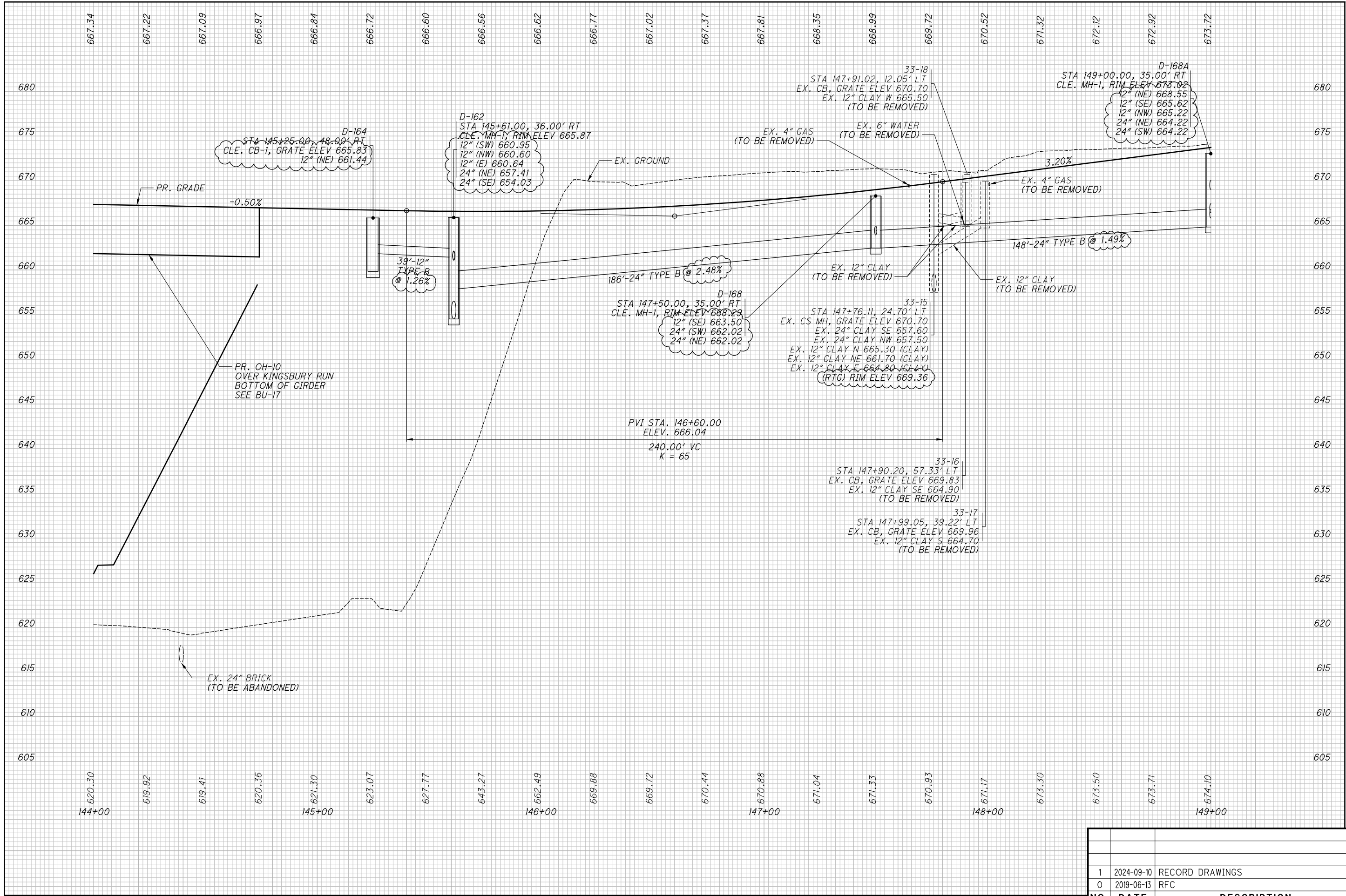
CURVE 5  
P.I. STA. 154+96.35  
Δ = 46°36'56"  
Dc = 2°36'16"  
R = 2200.00'  
T = 947.83'  
L = 1789.91'  
E = 195.49'

NOTE: RIGHT-OF-WAY LINES TO BE SET AT AS-BUILTS.

NO.	DATE	DESCRIPTION
3	2024-09-10	RECORD DRAWINGS
2	2020-01-08	DC028
1	2019-08-06	DC015
0	2019-06-13	RFC

ISSUE RECORD





NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		

CUY-IR490/ SR010-2.09 / 19.28

40  
437

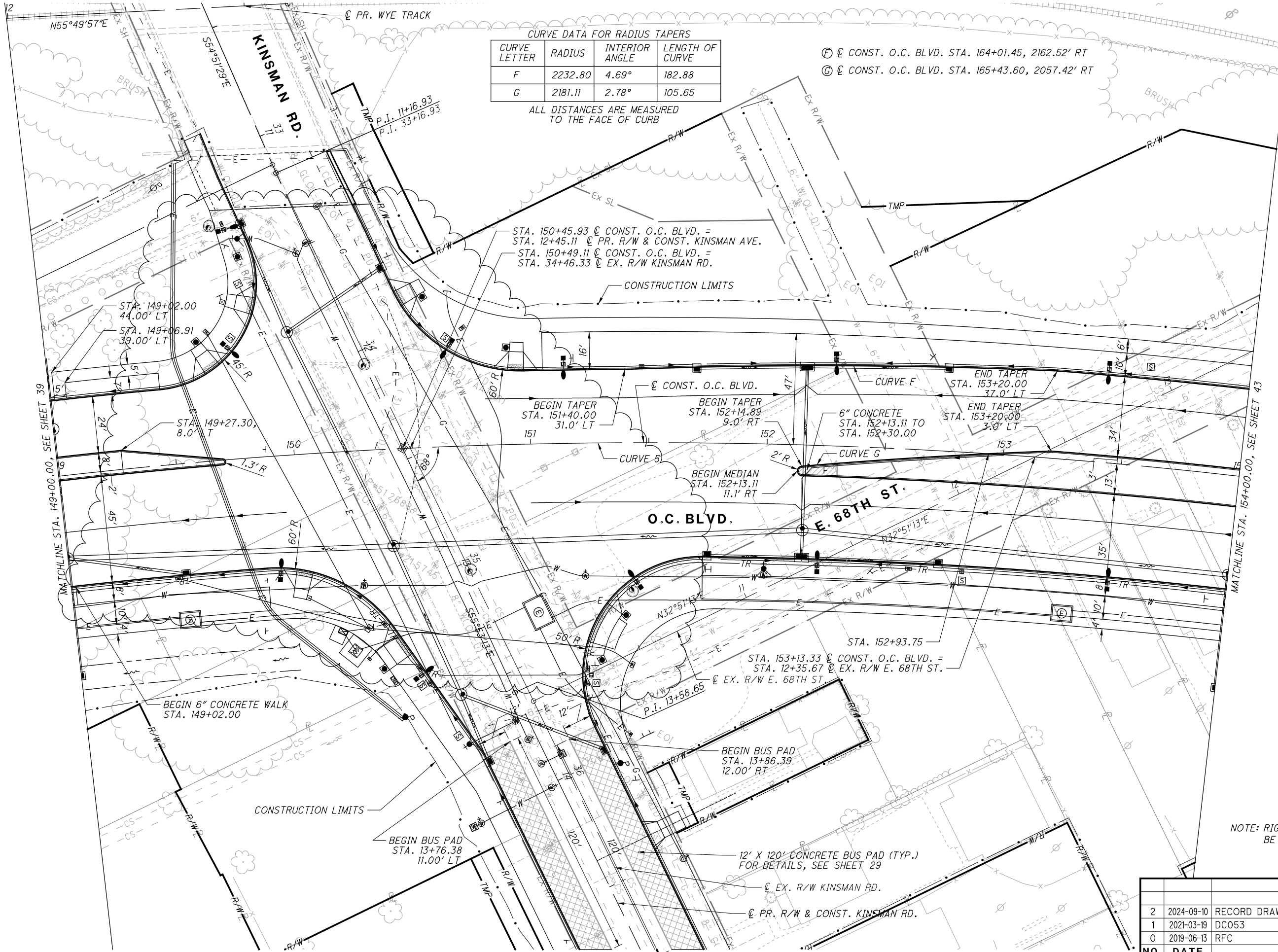
PROFILE - OPPORTUNITY CORRIDOR BLVD.  
STA. 144+00.00 TO STA. 149+00.00

RECORD PLANS

CALCULATED  
JTH

CHECKED  
SM

RECORD PLANS



CURVE DATA FOR RADIUS TAPERS			
CURVE LETTER	RADIUS	INTERIOR ANGLE	LENGTH OF CURVE
F	2232.80	4.69°	182.88
G	2181.11	2.78°	105.65

ALL DISTANCES ARE MEASURED TO THE FACE OF CURB

- Ⓔ Ⓔ CONST. O.C. BLVD. STA. 164+01.45, 2162.52' RT
- Ⓒ Ⓔ CONST. O.C. BLVD. STA. 165+43.60, 2057.42' RT

CURVE 5  
P.I. STA. 154+96.35  
 $\Delta = 46^{\circ}36'56''$   
 $Dc = 2^{\circ}36'16''$   
 $R = 2200.00'$   
 $T = 947.83'$   
 $L = 1789.91'$   
 $E = 195.49'$

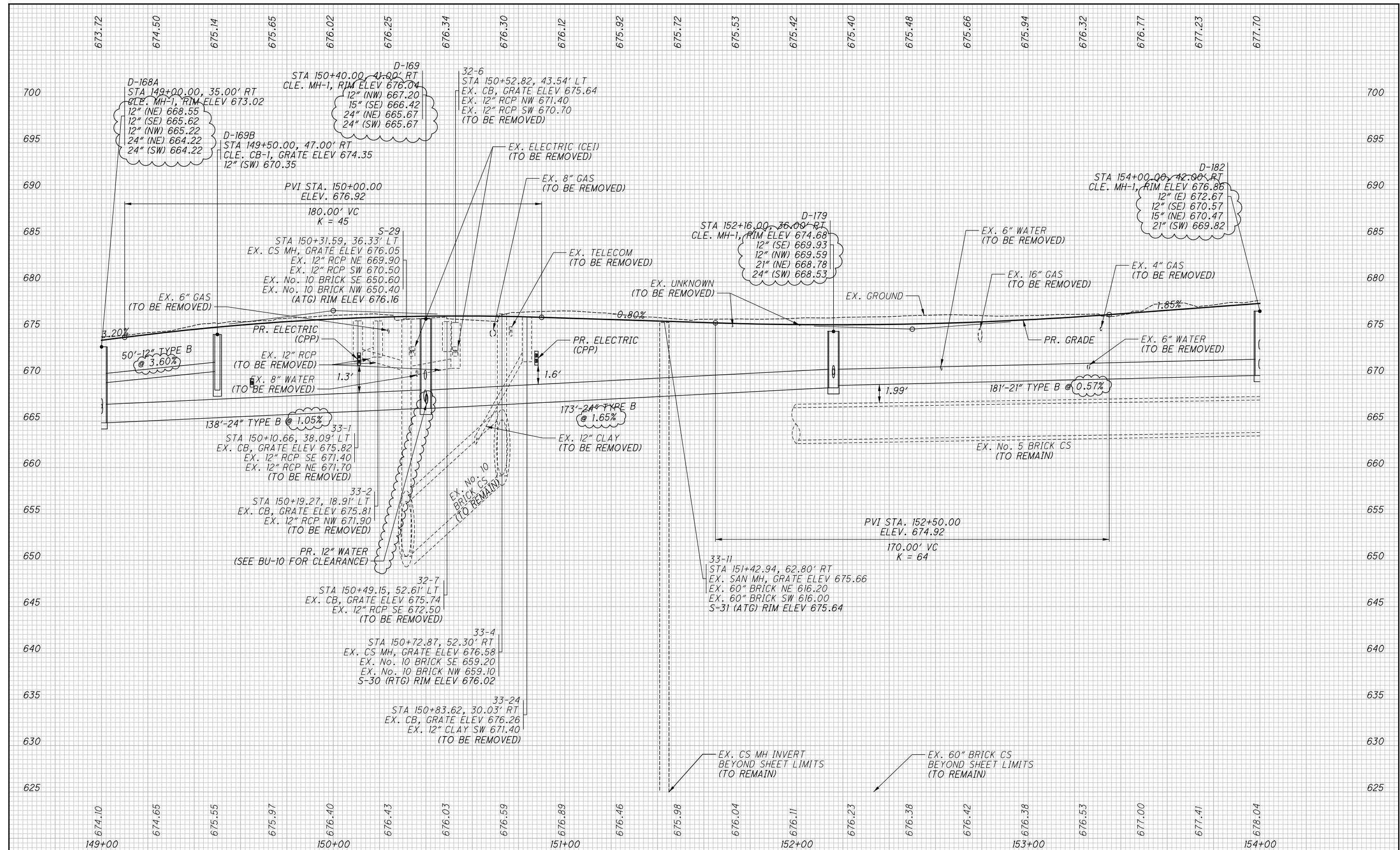


PLAN - OPPORTUNITY CORRIDOR BLVD.  
STA. 149+00.00 TO STA. 154+00.00

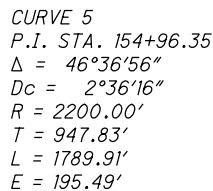
CUY-IR490/ SR010-  
2.09/ 19.28

NO.	DATE	DESCRIPTION
2	2024-09-10	RECORD DRAWINGS
1	2021-03-19	DC053
0	2019-06-13	RFC
		ISSUE RECORD

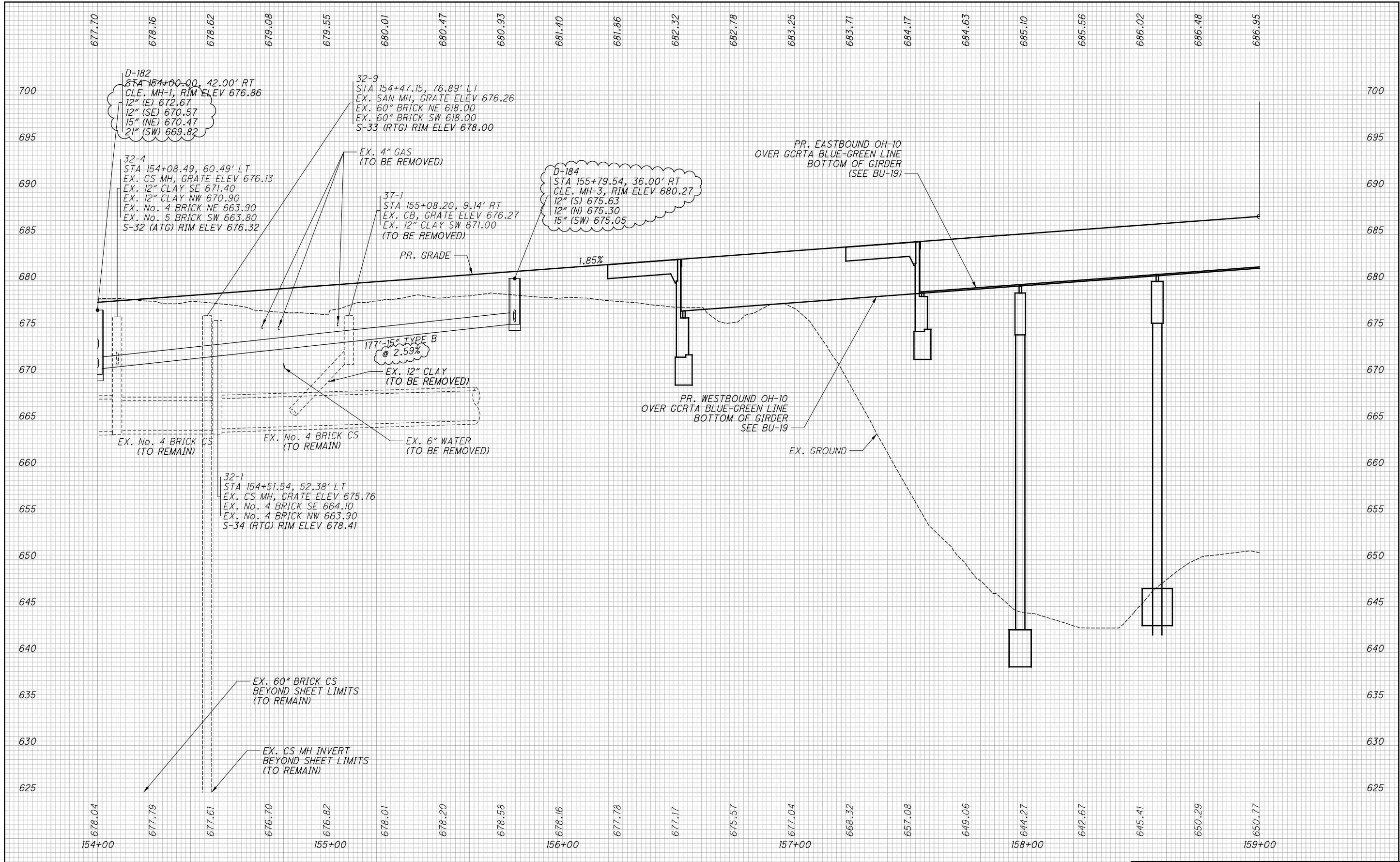
NOTE: RIGHT-OF-WAY LINES TO BE SET AT AS-BUILTS.



1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
<b>NO.</b>	<b>DATE</b>	<b>DESCRIPTION</b>
		<b>ISSUE RECORD</b>

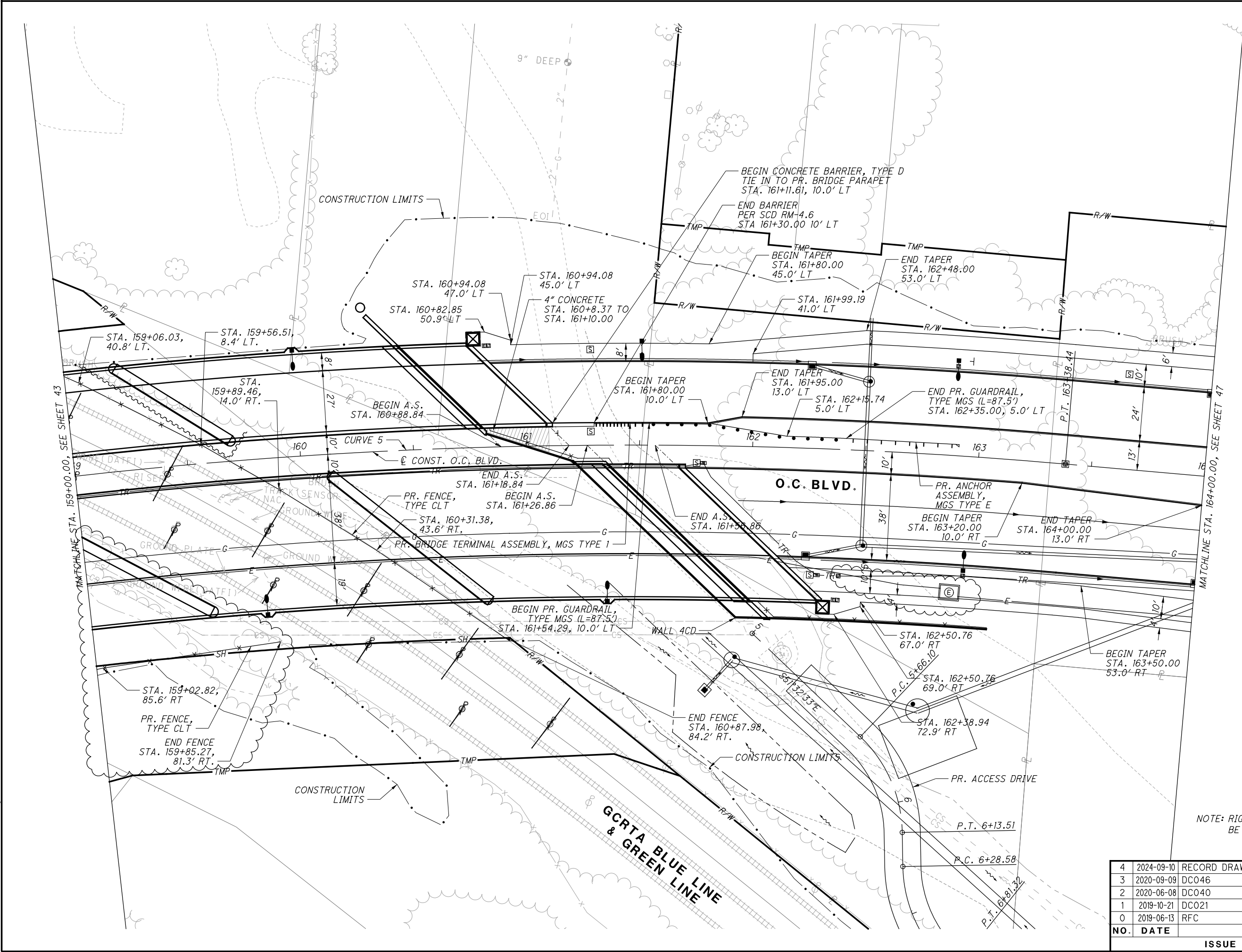


43  
437



NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		

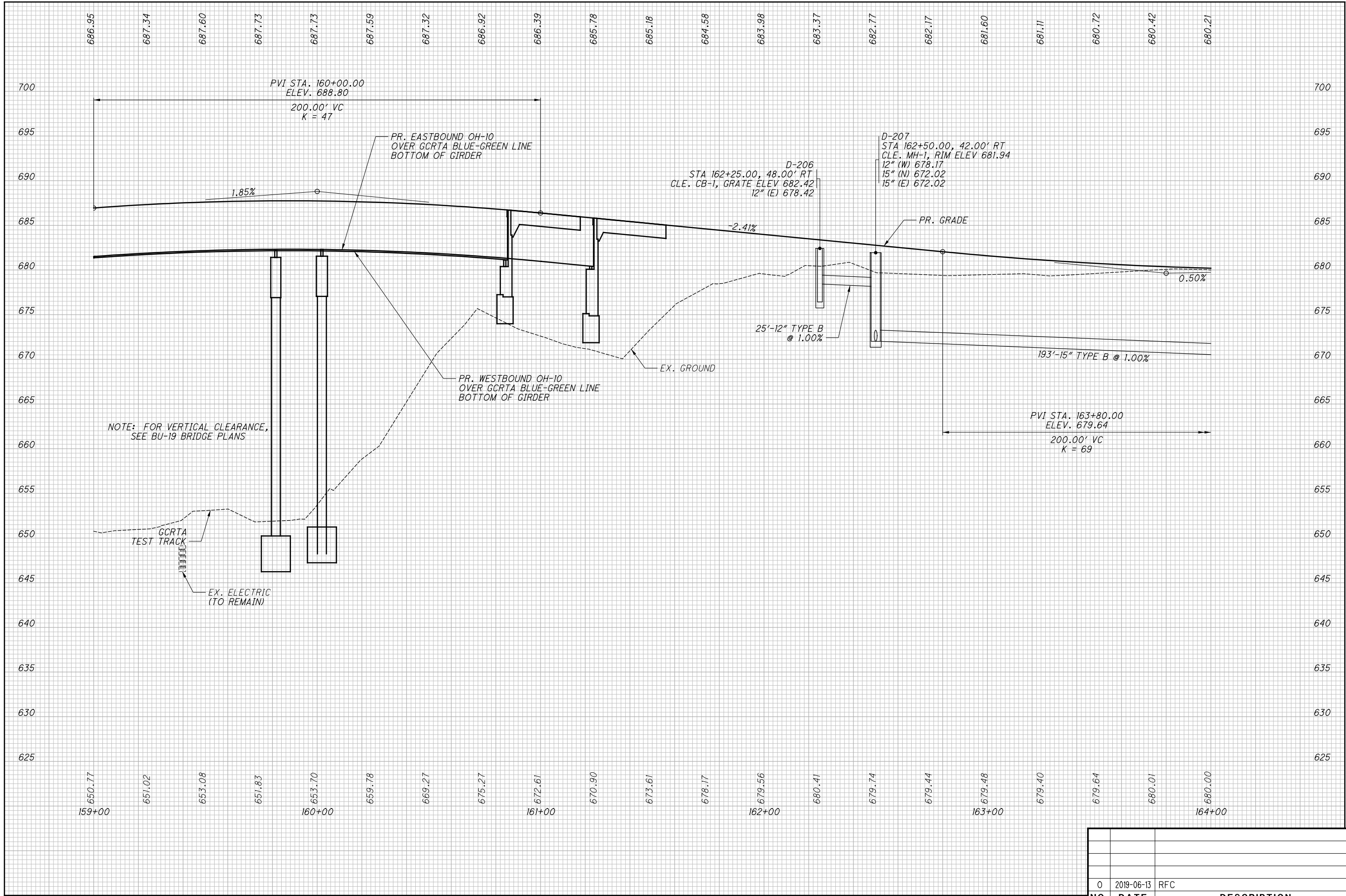




CURVE 5  
P.I. STA. 154+96.35  
 $\Delta = 46^{\circ}36'56''$   
 $Dc = 2^{\circ}36'16''$   
 $R = 2200.00'$   
 $T = 947.83'$   
 $L = 1789.91'$   
 $E = 195.49'$

NOTE: RIGHT-OF-WAY LINES TO  
BE SET AT AS-BUILTS.

NO.	DATE	DESCRIPTION
4	2024-09-10	RECORD DRAWINGS
3	2020-09-09	DC046
2	2020-06-08	DC040
1	2019-10-21	DC021
0	2019-06-13	RFC
ISSUE RECORD		



0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
ISSUE RECORD		

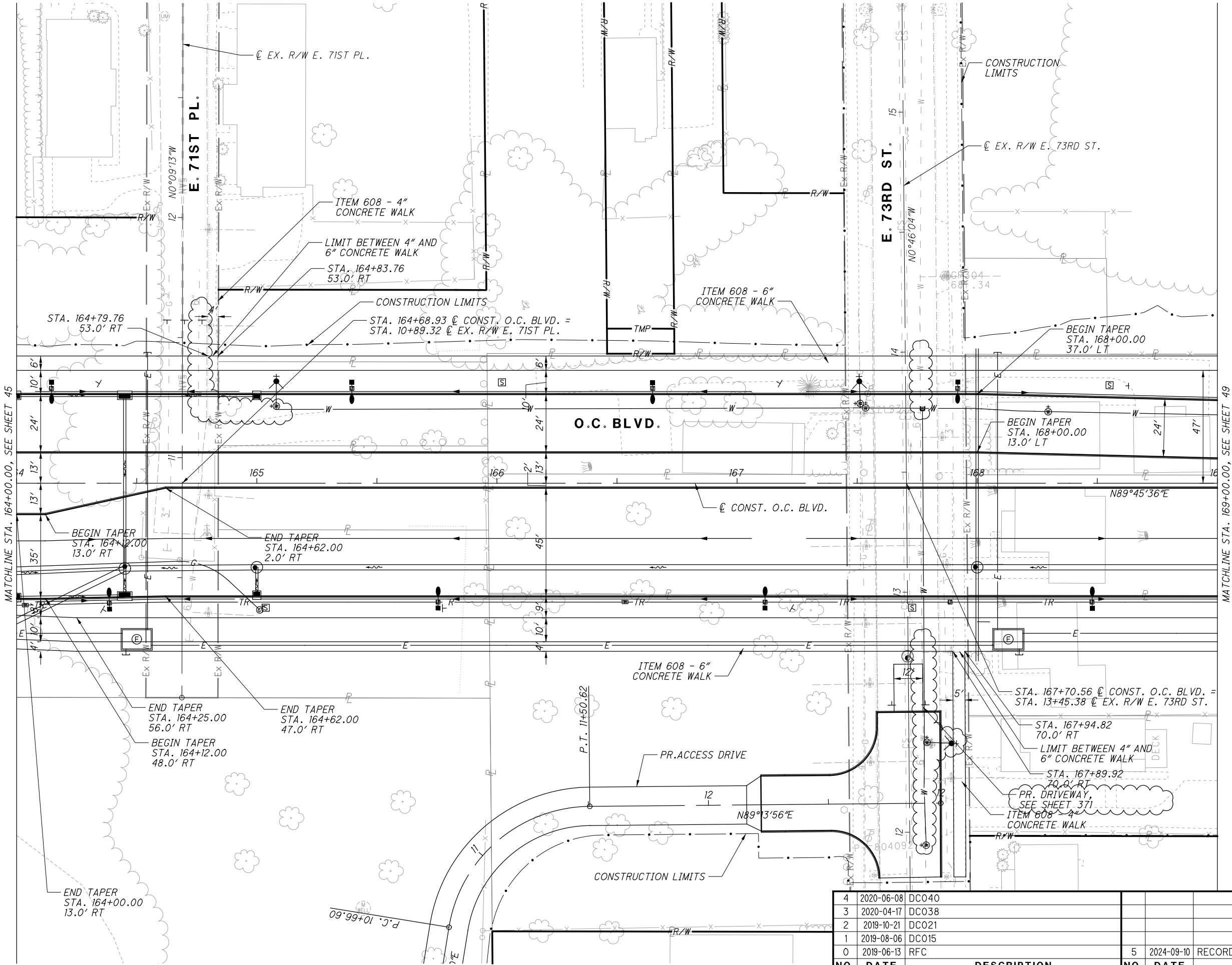
CUY-IR490/ SR010-  
2.09 / 19.28  
PROFILE - OPPORTUNITY CORRIDOR BLVD.  
STA. 159+00.00 TO STA. 164+00.00

CALCULATED  
JTH  
CHECKED  
SM

RECORD PLANS

RECORD PLANS





NOTE: RIGHT-OF-WAY LINES TO BE SET AT AS-BUILTS.

4	2020-06-08	DC040			
3	2020-04-17	DC038			
2	2019-10-21	DC021			
1	2019-08-06	DC015			
0	2019-06-13	RFC			
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION
ISSUE RECORD			ISSUE RECORD		

5	2024-09-10	RECORD DRAWINGS			
NO.	DATE	DESCRIPTION			
ISSUE RECORD			ISSUE RECORD		

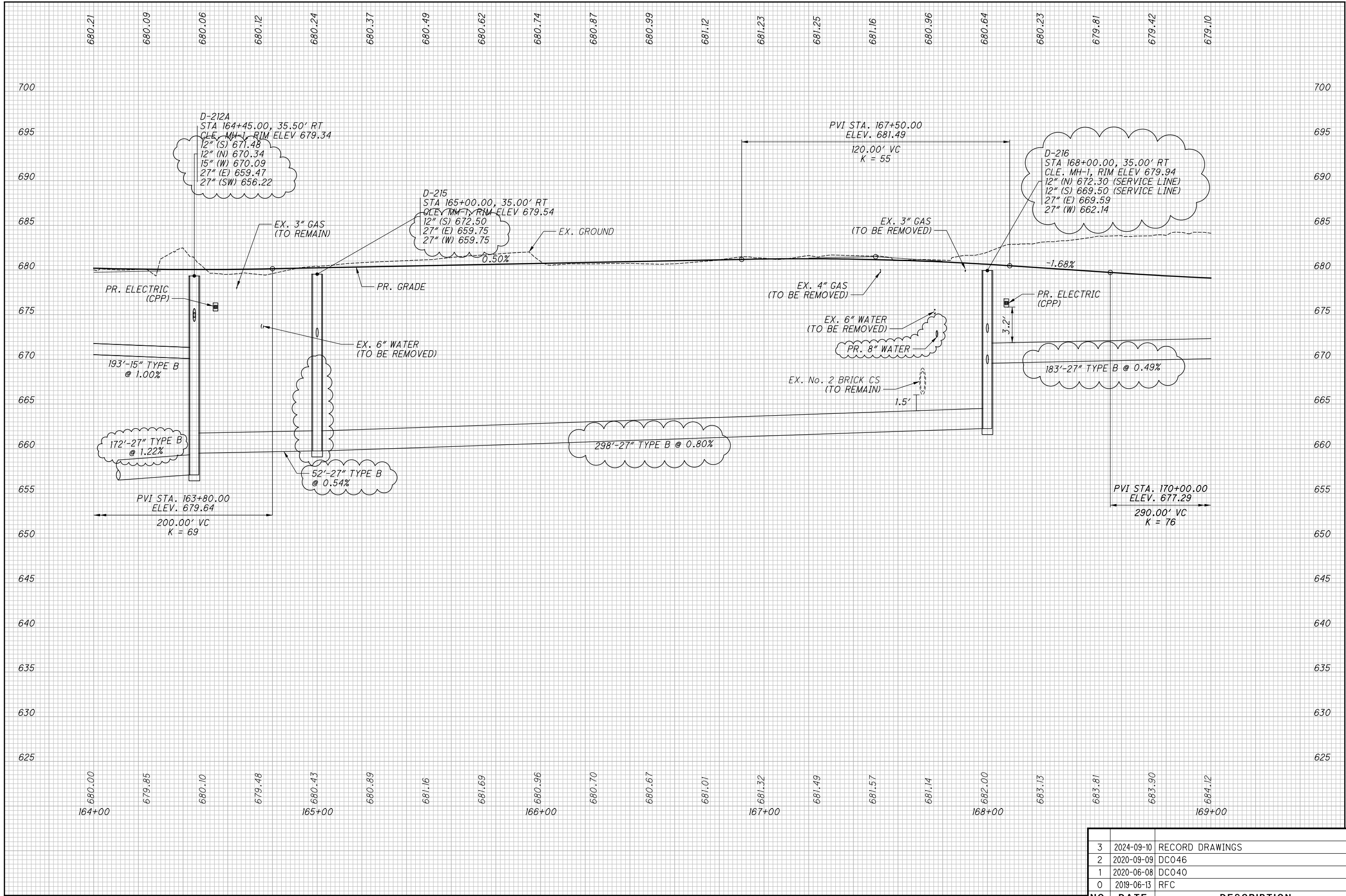
PLAN - OPPORTUNITY CORRIDOR BLVD.  
STA. 164+00.00 TO STA. 169+00.00

CUY-IR490/ SR010-  
2.09 / 19.28

CALCULATED JTH  
CHECKED SM

0 20 40  
HORIZONTAL  
SCALE IN FEET

RECORD PLANS



NO.	DATE	DESCRIPTION
3	2024-09-10	RECORD DRAWINGS
2	2020-09-09	DC046
1	2020-06-08	DC040
0	2019-06-13	RFC

CUY-IR490/ SR010-2.09 / 19.28

48  
437

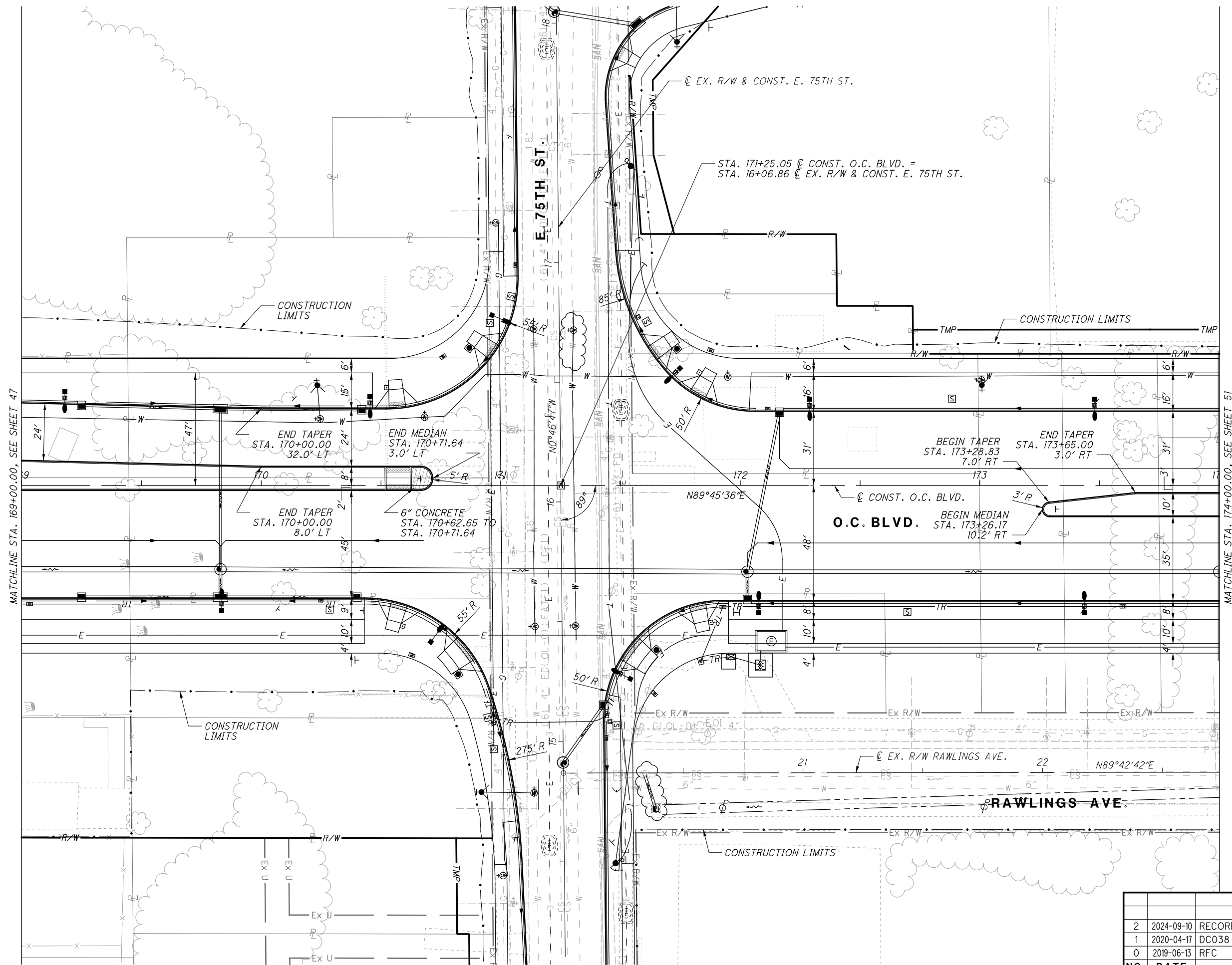
PROFILE - OPPORTUNITY CORRIDOR BLVD.  
STA. 164+00.00 TO STA. 169+00.00

RECORD PLANS

CALCULATED  
JTH

CHECKED  
SM

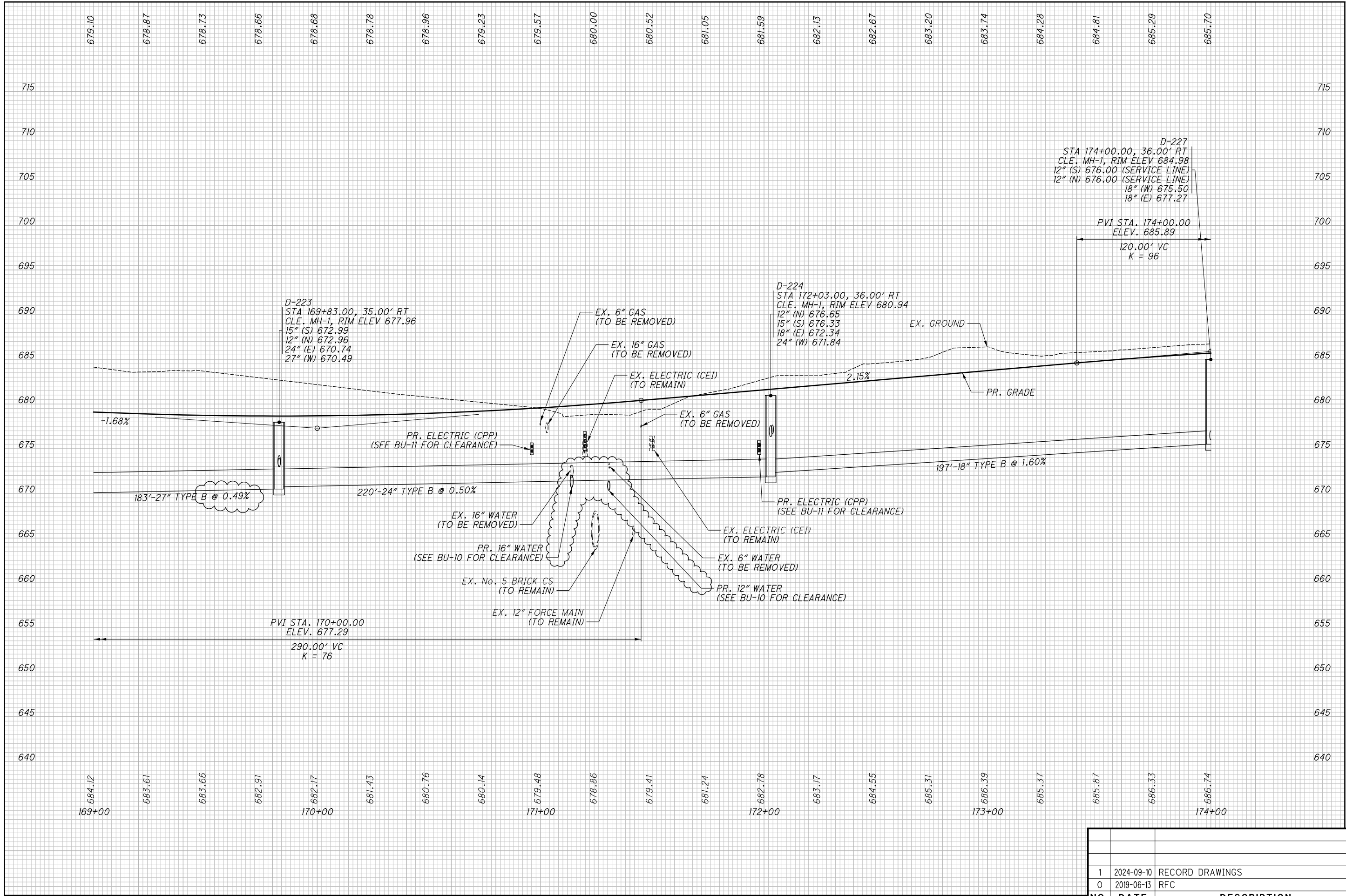
RECORD PLANS



NOTE: RIGHT-OF-WAY LINES TO  
BE SET AT AS-BUILTS.

2	2024-09-10	RECORD DRAWINGS
1	2020-04-17	DC038
0	2019-06-13	RFC
<b>NO.</b>	<b>DATE</b>	<b>DESCRIPTION</b>
<b>ISSUE RECORD</b>		





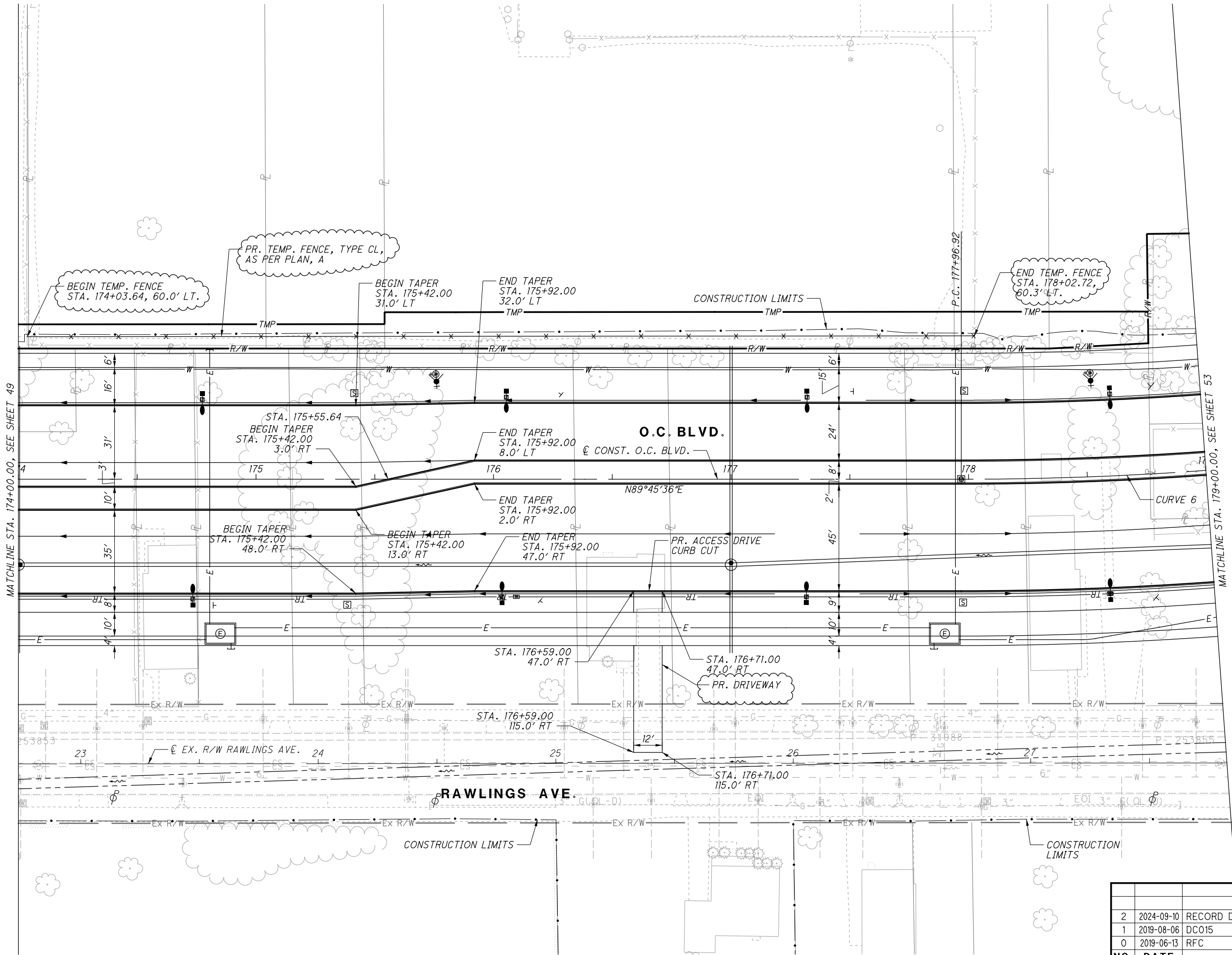
NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		

PROFILE - OPPORTUNITY CORRIDOR BLVD.

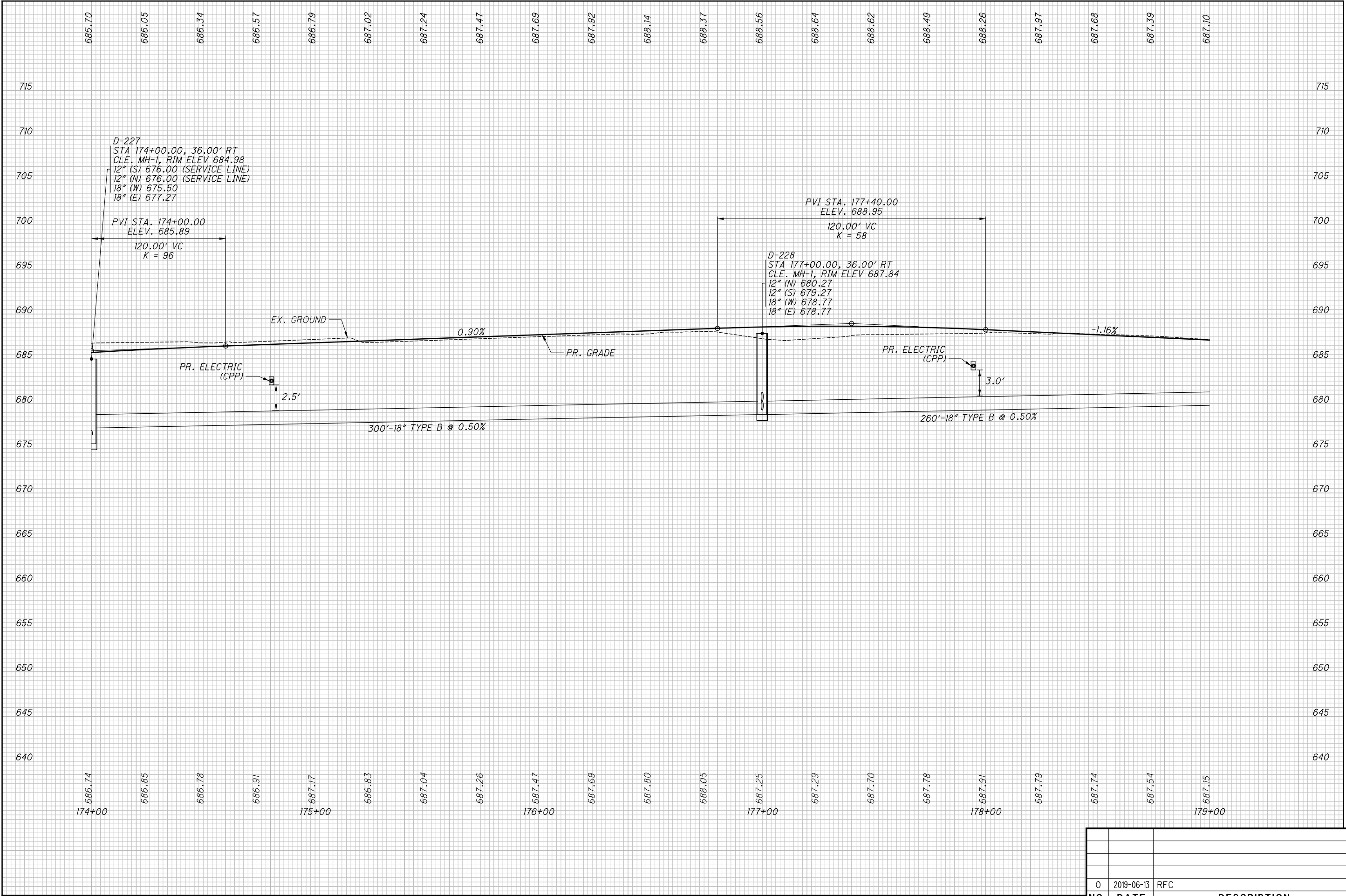
STA. 169+00.00 TO STA. 174+00.00

CUY-IR490/ SR010-

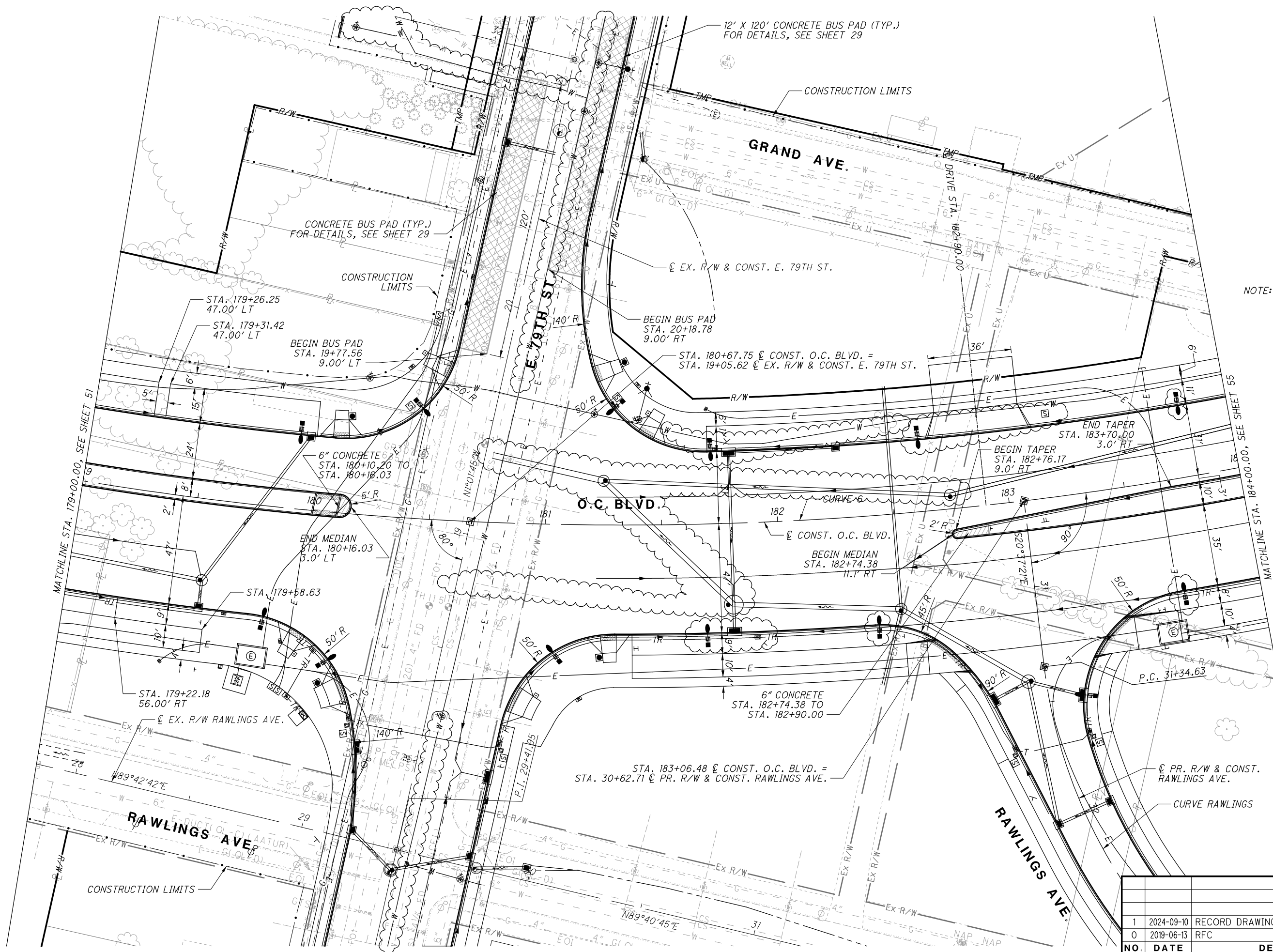
2.09 / 19.28



NO.	DATE	DESCRIPTION
2	2024-09-10	RECORD DRAWINGS
1	2019-08-06	DCO15
0	2019-06-13	RFC
ISSUE RECORD		



0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
ISSUE RECORD		



CURVE 6  
P.I. STA. 181+76.88  
 $\Delta = 29^\circ 42' 47''$   
 $Dc = 4^\circ 00' 00''$   
 $R = 1432.39'$   
 $T = 379.97'$   
 $L = 742.82'$   
 $E = 49.54'$

CURVE RAWLINGS  
P.I. STA. 32+85.17  
 $\Delta = 69^\circ 41' 54''$   
 $Dc = 26^\circ 30' 00''$   
 $R = 216.21'$   
 $T = 150.55'$   
 $L = 263.01'$   
 $E = 47.25'$

NOTE: RIGHT-OF-WAY LINES TO BE SET AT AS-BUILTS.

ISSUE RECORD		
NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC

CALCULATED  
JTH

CHECKED  
SM

0 20 40

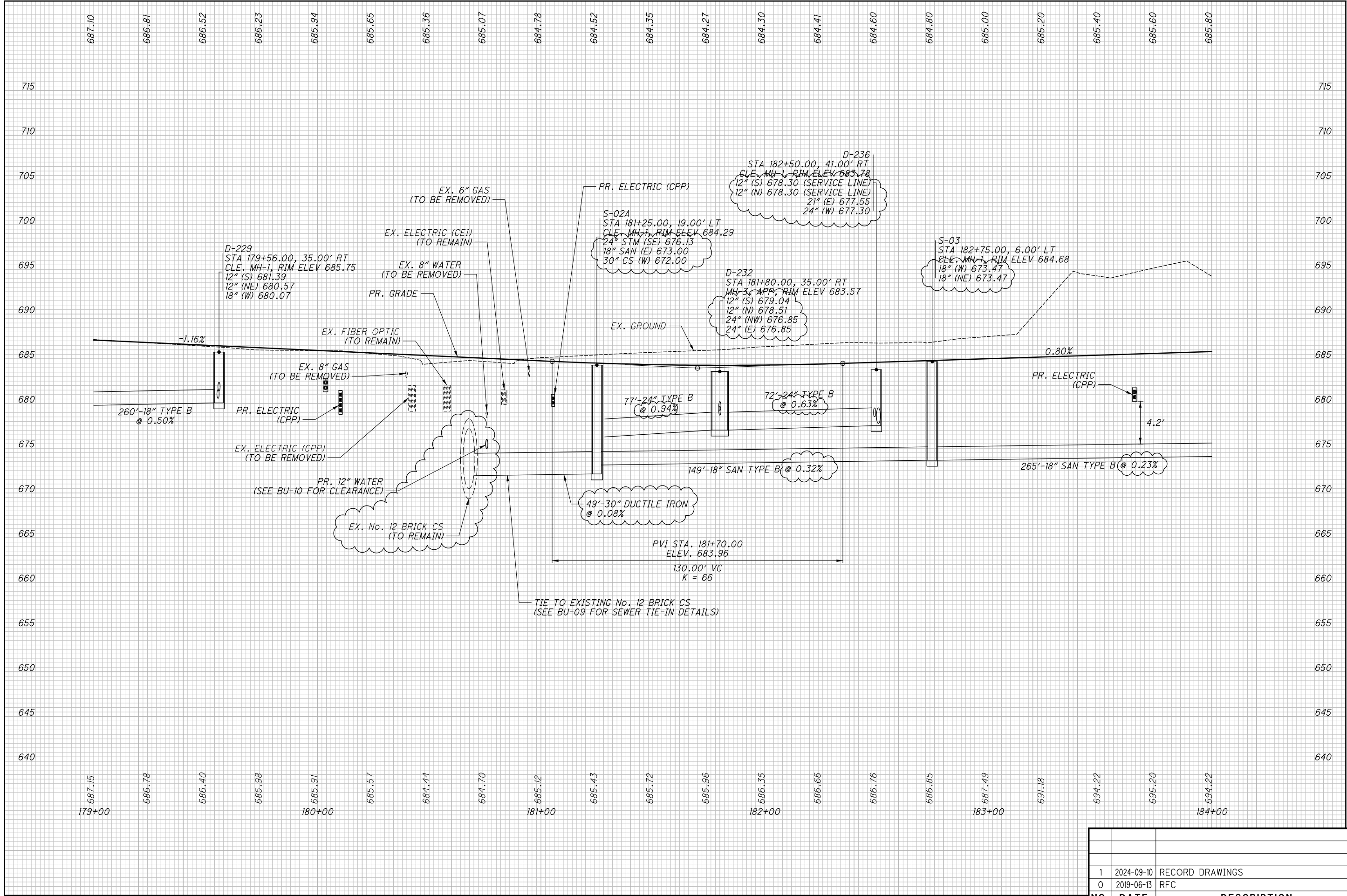
HORIZONTAL  
SCALE IN FEET

PLAN - OPPORTUNITY CORRIDOR BLVD.  
STA. 179+00.00 TO STA. 184+00.00

CUY-IR490/ SR010-  
2.09/ 19.28

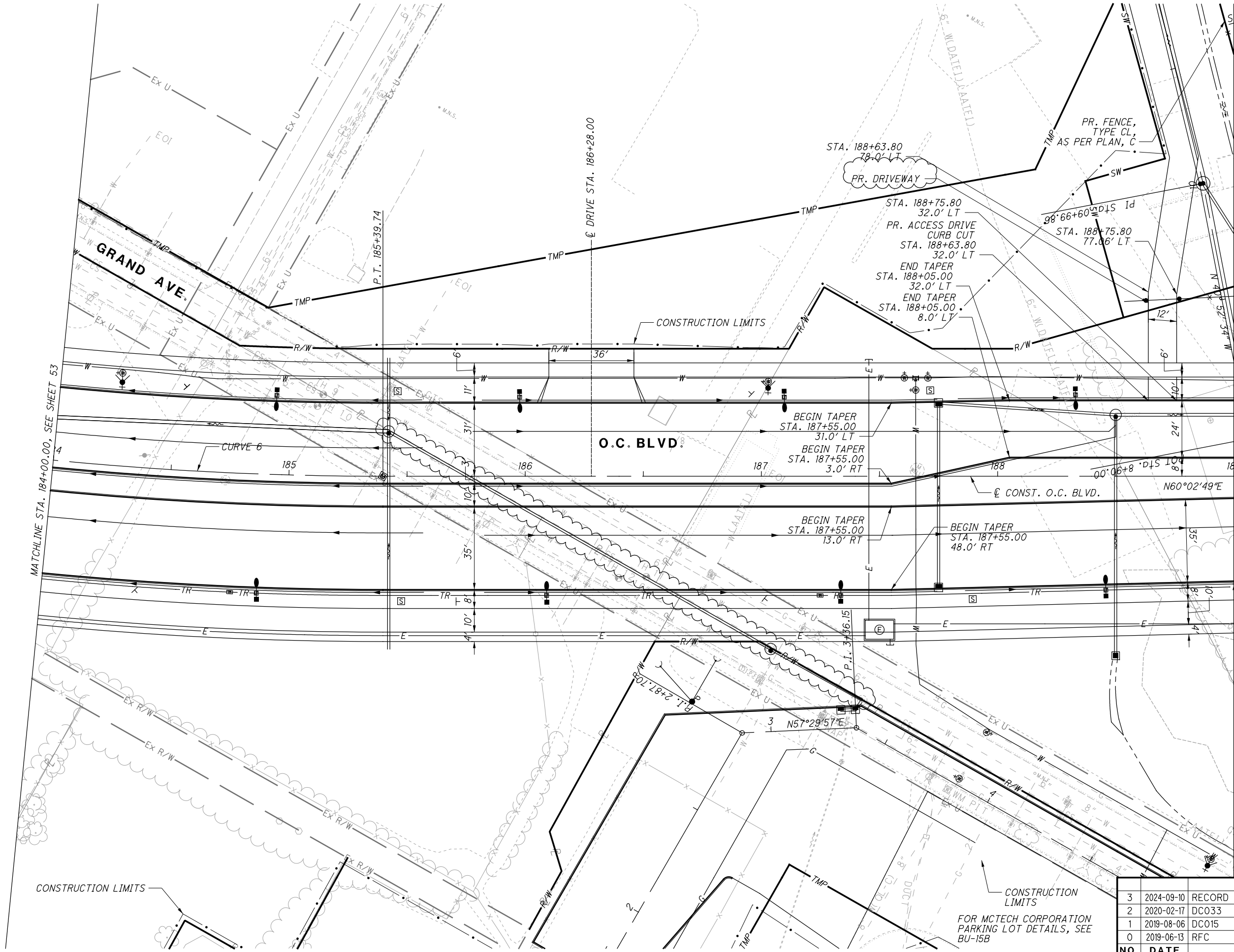
53  
437

RECORD PLANS



ISSUE RECORD		
NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC





NOTE: RIGHT-OF-WAY LINES TO BE SET AT AS-BUILTS.

CURVE 6  
P.I. STA. 181+76.88  
 $\Delta = 29^\circ 42' 47''$   
 $Dc = 4^\circ 00' 00''$   
 $R = 1432.39'$   
 $T = 379.97'$   
 $L = 742.82'$   
 $E = 49.54'$

NO.	DATE	DESCRIPTION
3	2024-09-10	RECORD DRAWINGS
2	2020-02-17	DC033
1	2019-08-06	DC015
0	2019-06-13	RFC
ISSUE RECORD		

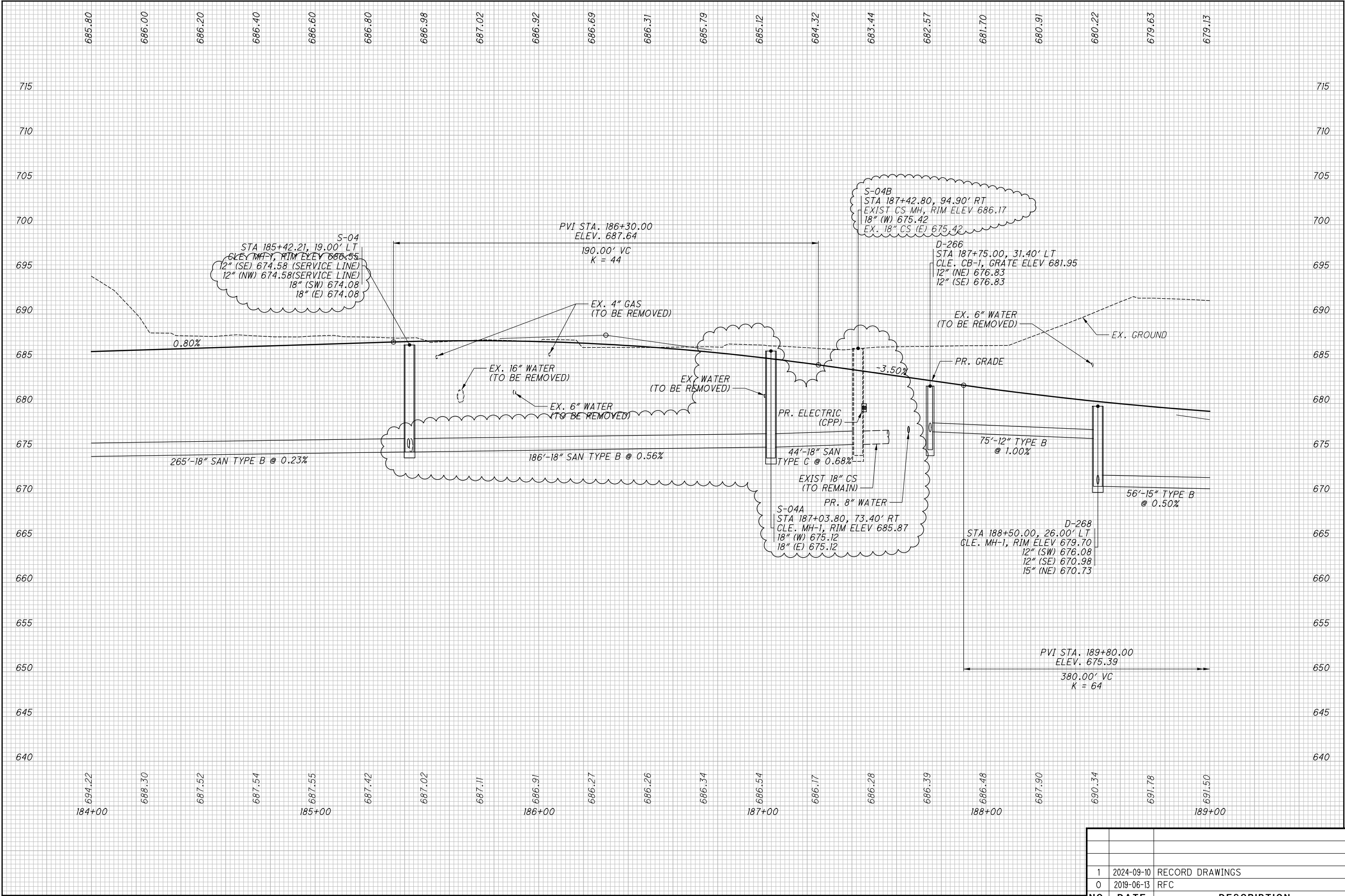
PLAN - OPPORTUNITY CORRIDOR BLVD.  
STA. 184+00.00 TO STA. 189+00.00

CUY-IR490/ SR010-  
2.09/ 19.28

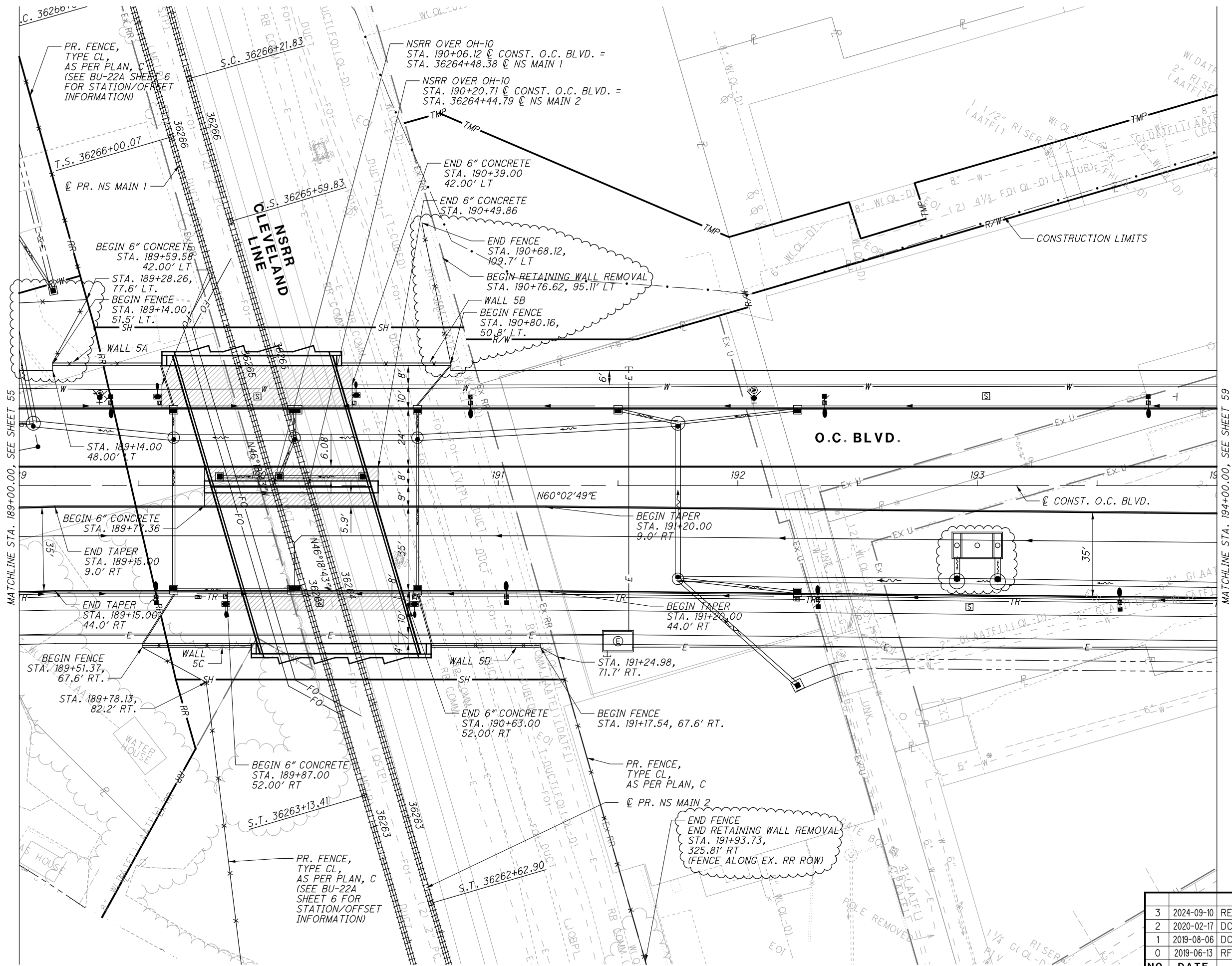
CALCULATED JTH  
CHECKED SM

0 20 40  
HORIZONTAL  
SCALE IN FEET

RECORD PLANS



ISSUE RECORD		
NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC



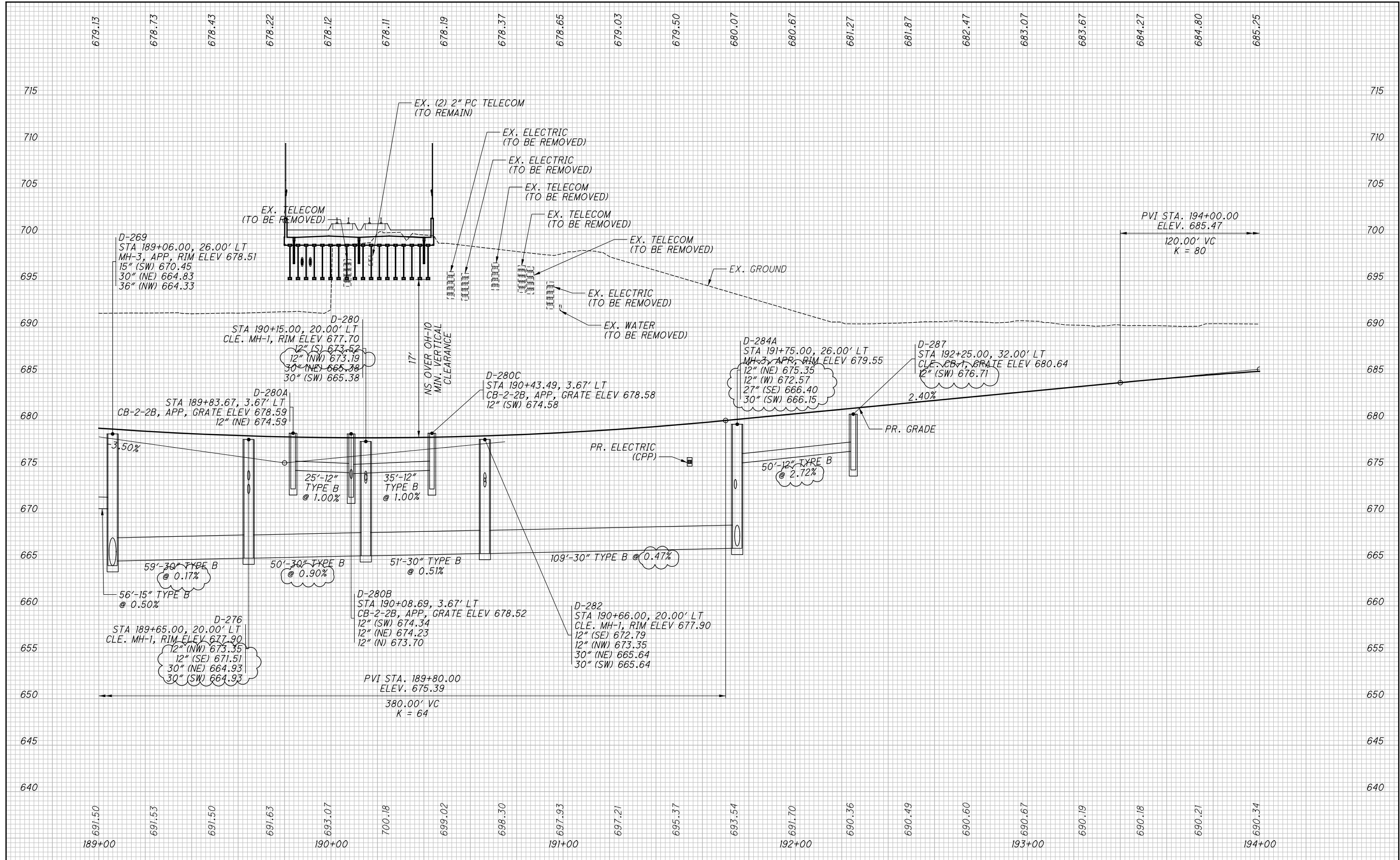
NOTE: RIGHT-OF-WAY LINES TO  
BE SET AT AS-BUILTS.

NO.	DATE	DESCRIPTION
3	2024-09-10	RECORD DRAWINGS
2	2020-02-17	DC033
1	2019-08-06	DC015
0	2019-06-13	RFC

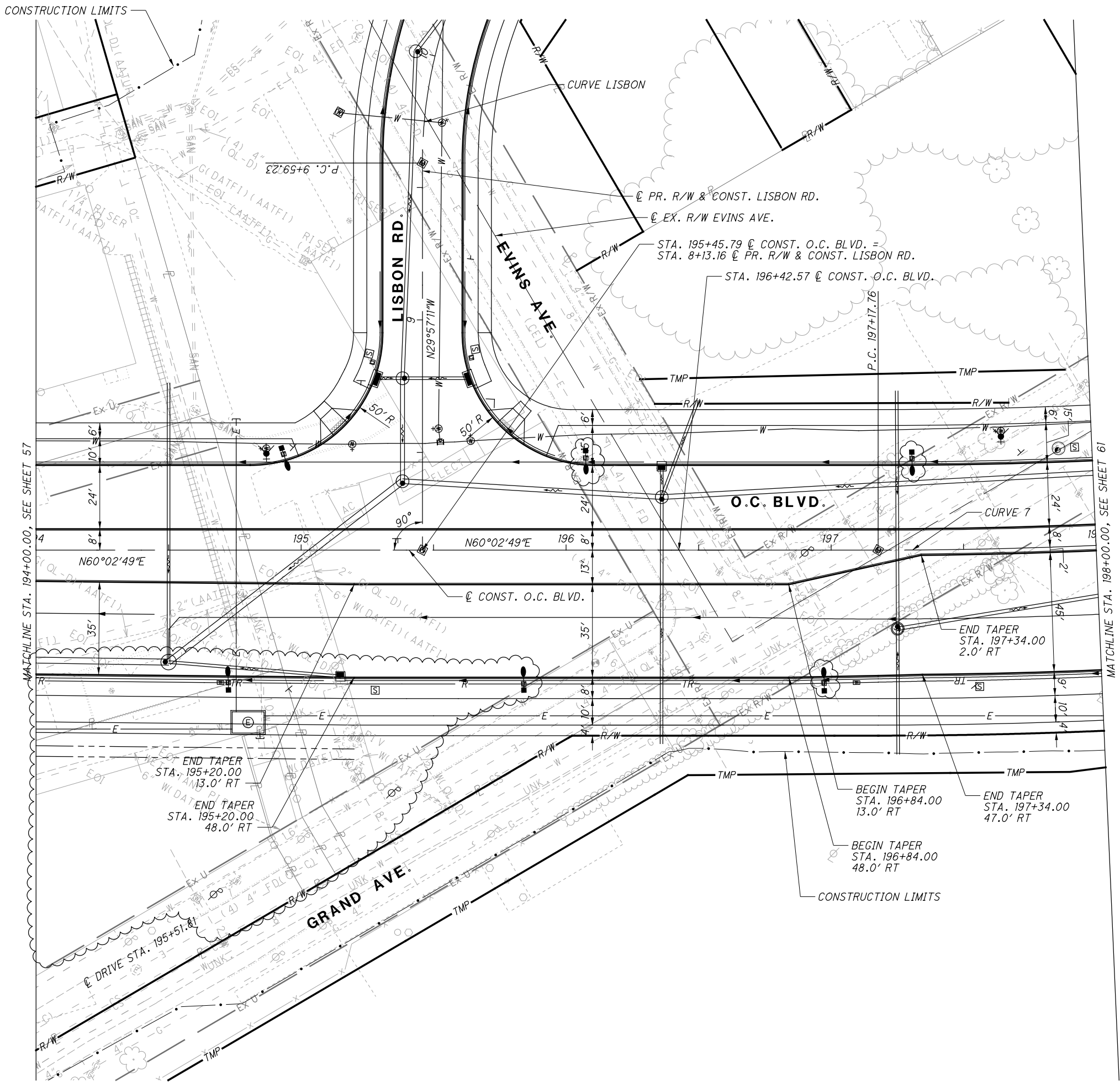
ISSUE RECORD



CALCULATED  
JTH  
CHECKED  
SM



NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		



CURVE 7  
P.I. STA. 202+50.48  
 $\Delta = 31^{\circ}10'13''$   
 $Dc = 3^{\circ}00'00''$   
 $R = 1909.86'$   
 $T = 532.71'$   
 $L = 1039.01'$   
 $E = 72.90'$

CURVE LISBON  
P.I. STA. 10+58.80  
 $\Delta = 59^{\circ}40'09''$   
 $Dc = 33^{\circ}00'00''$   
 $R = 173.62'$   
 $T = 99.57'$   
 $L = 180.82'$   
 $E = 26.53'$

NOTE: RIGHT-OF-WAY LINES TO  
BE SET AT AS-BUILTS.

NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		

PLAN - OPPORTUNITY CORRIDOR BLVD.  
STA. 194+00.00 TO STA. 198+00.00

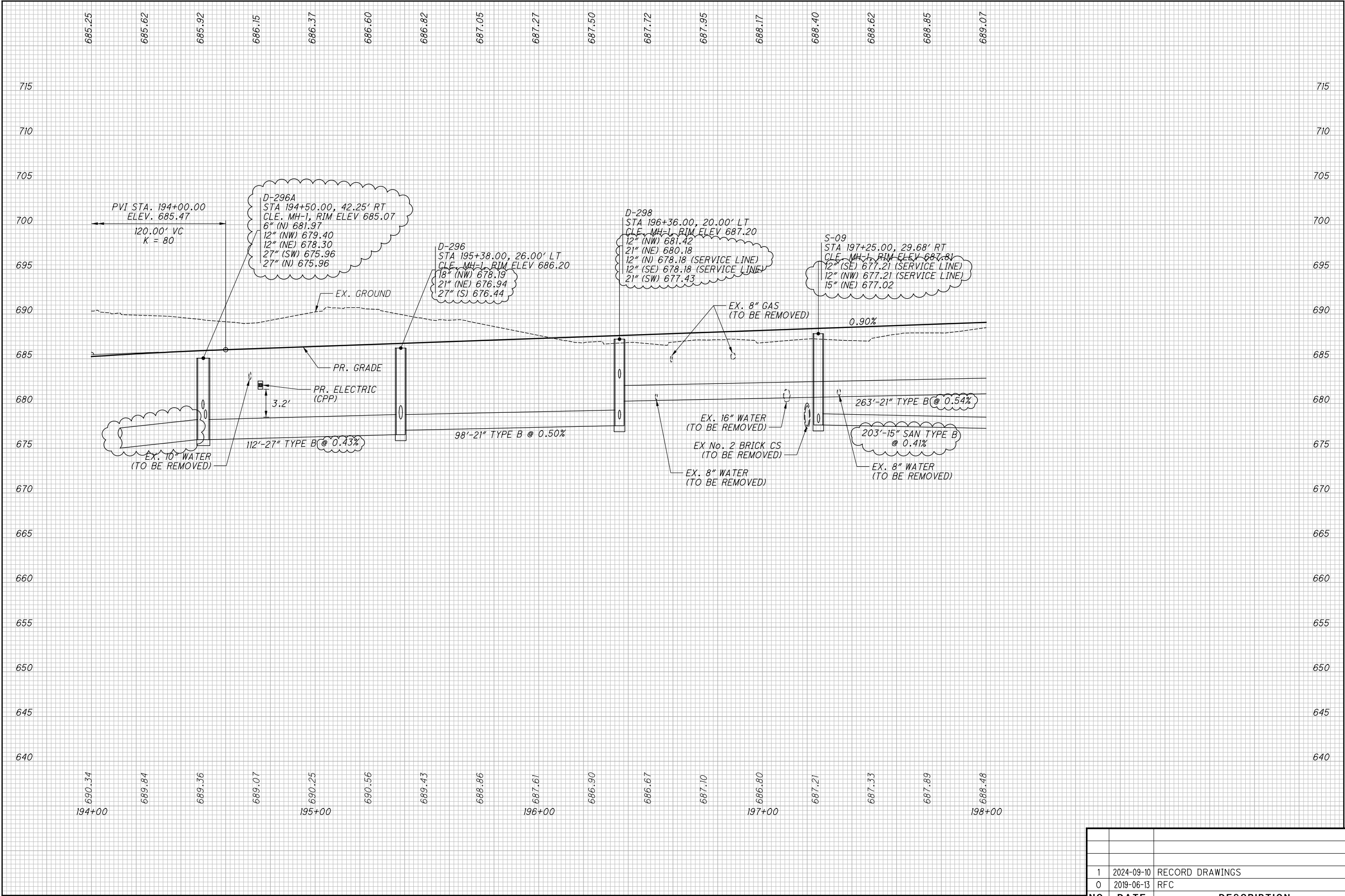
CUY-IR490/ SR010-  
2.09 / 19.28

CALCULATED JTH  
CHECKED SM

RECORD PLANS

RECORD PLANS

59  
437



1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
ISSUE RECORD		

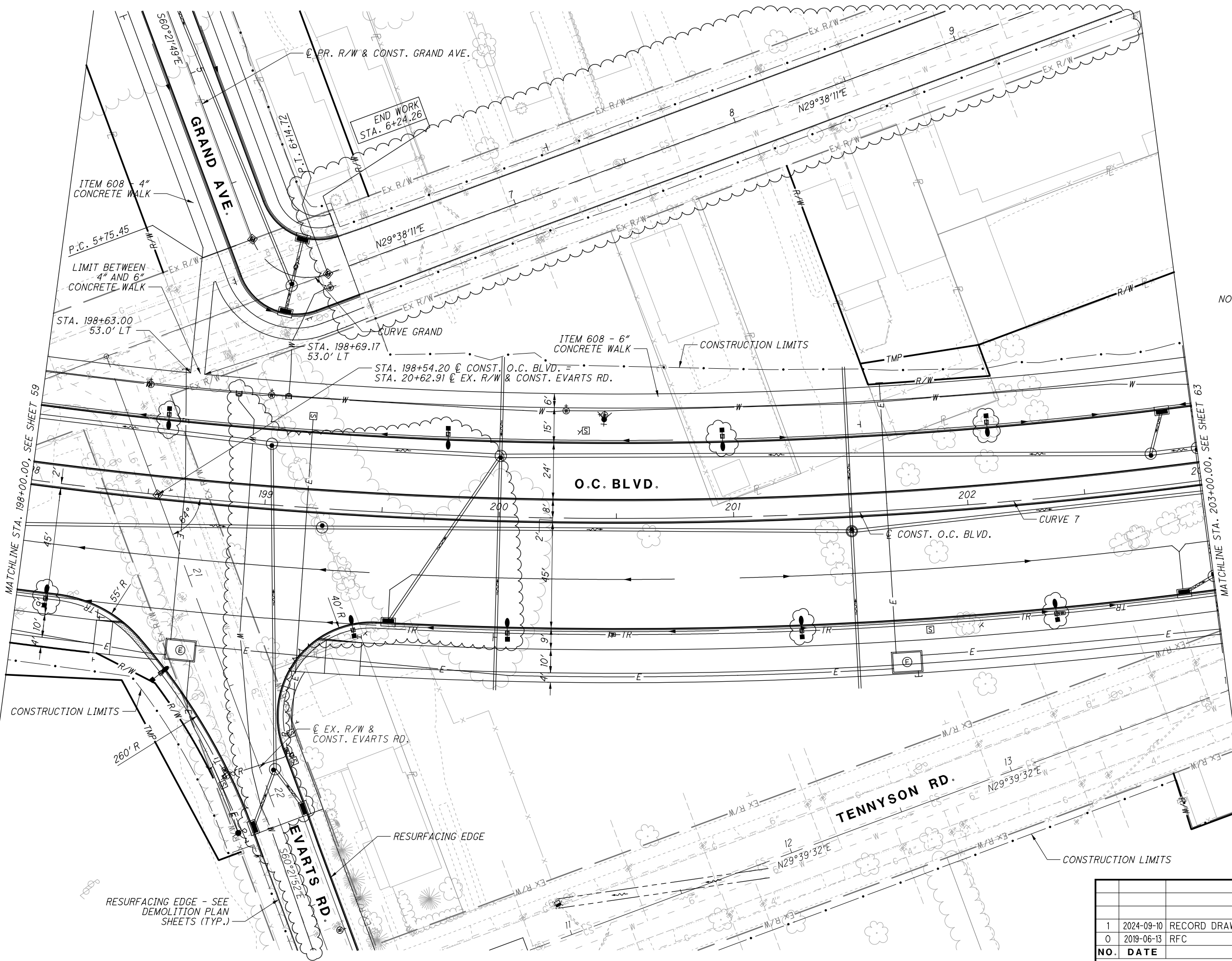
PROFILE - OPPORTUNITY CORRIDOR BLVD.

STA. 194+00.00 TO STA. 198+00.00

CUY-IR490/ SR010-2.09 / 19.28

CALCULATED  
JTH  
CHECKED  
SM





NOTE: RIGHT-OF-WAY LINES TO BE SET AT AS-BUILTS.

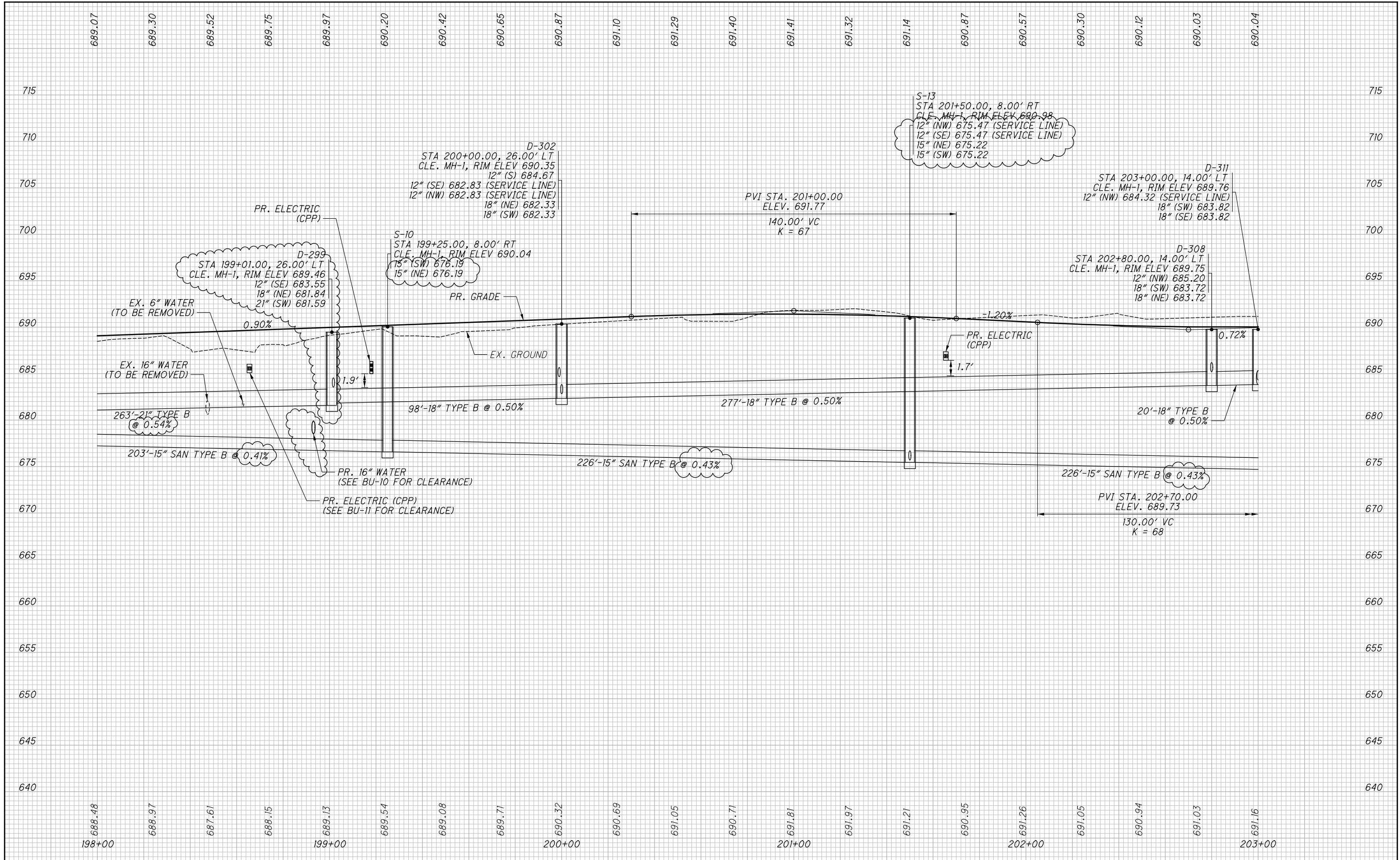
CURVE 7  
P.I. STA. 202+50.48  
 $\Delta = 31^{\circ}10'13''$   
 $Dc = 3^{\circ}00'00''$   
 $R = 1909.86'$   
 $T = 532.71'$   
 $L = 1039.01'$   
 $E = 72.90'$

CURVE GRAND  
P.I. STA. 6+00.45  
 $\Delta = 90^{\circ}00'00''$   
 $Dc = 229^{\circ}10'59''$   
 $R = 25.00'$   
 $T = 25.00'$   
 $L = 39.27'$   
 $E = 10.36'$

ISSUE RECORD		
NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC

PLAN - OPPORTUNITY CORRIDOR BLVD.  
STA. 198+00.00 TO STA. 203+00.00

CUY-IR490/ SR010-  
2.09/ 19.28



ISSUE RECORD		
NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC

CUY-IR490/ SR010-2.09 / 19.28

62  
437

PROFILE - OPPORTUNITY CORRIDOR BLVD.  
STA. 198+00.00 TO STA. 203+00.00

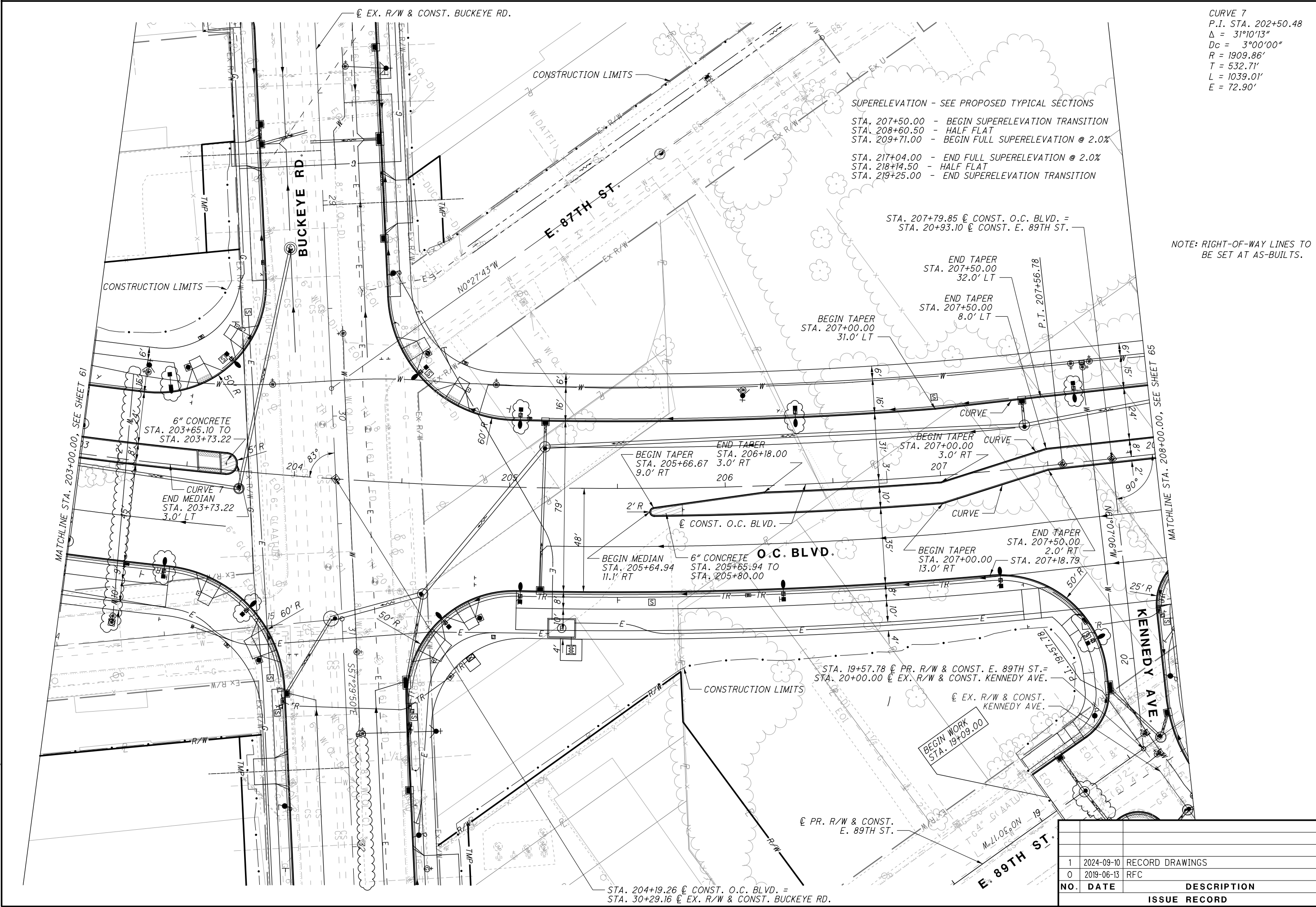
RECORD PLANS

CALCULATED  
JTH

CHECKED  
SM

RECORD PLANS





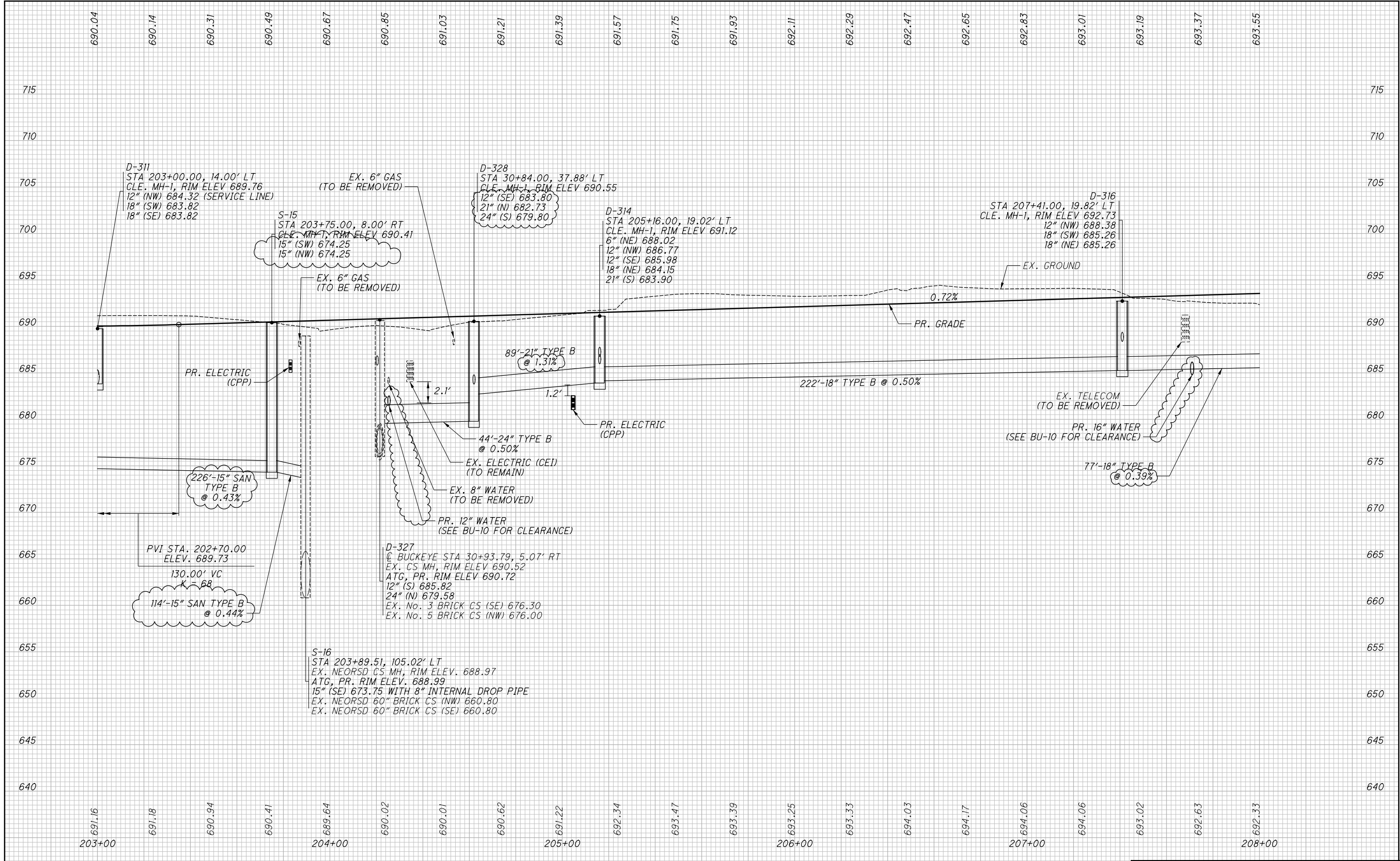
CURVE 7  
P.I. STA. 202+50.48  
 $\Delta = 31^{\circ}10'13''$   
 $Dc = 3^{\circ}00'00''$   
 $R = 1909.86'$   
 $T = 532.71'$   
 $L = 1039.01'$   
 $E = 72.90'$

SUPERELEVATION - SEE PROPOSED TYPICAL SECTIONS  
STA. 207+50.00 - BEGIN SUPERELEVATION TRANSITION  
STA. 208+60.50 - HALF FLAT  
STA. 209+71.00 - BEGIN FULL SUPERELEVATION @ 2.0%  
STA. 217+04.00 - END FULL SUPERELEVATION @ 2.0%  
STA. 218+14.50 - HALF FLAT  
STA. 219+25.00 - END SUPERELEVATION TRANSITION

STA. 207+79.85 @ CONST. O.C. BLVD. =  
STA. 20+93.10 @ CONST. E. 89TH ST.

NOTE: RIGHT-OF-WAY LINES TO  
BE SET AT AS-BUILTS.

NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
		ISSUE RECORD



NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		

PROFILE - OPPORTUNITY CORRIDOR BLVD.

2.09 / 19.28

STA. 203+00.00 TO STA. 208+00.00

CALCULATED  
JTH  
CHECKED  
SM

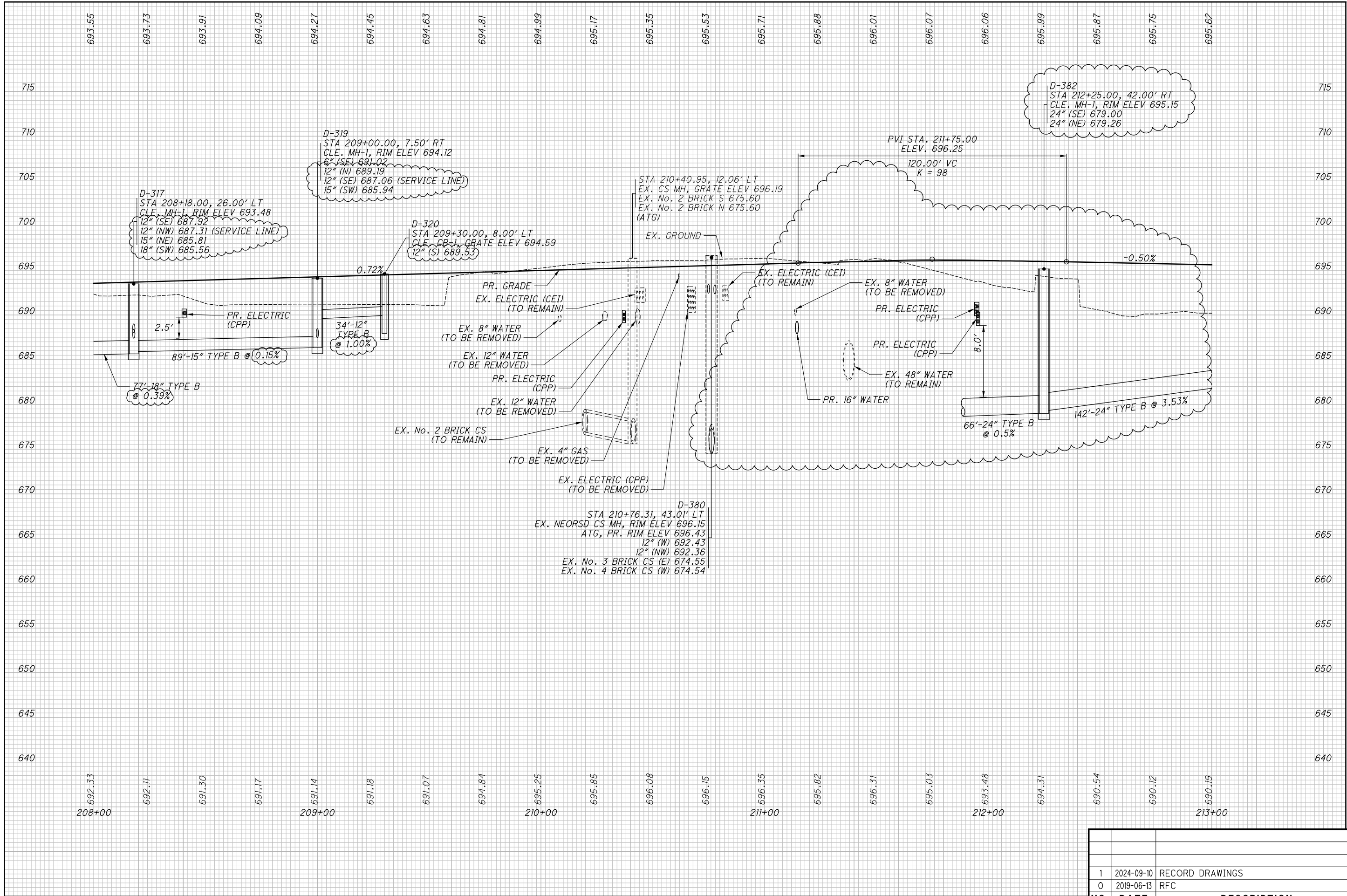
CUY-IR490/ SR010-

RECORD PLANS

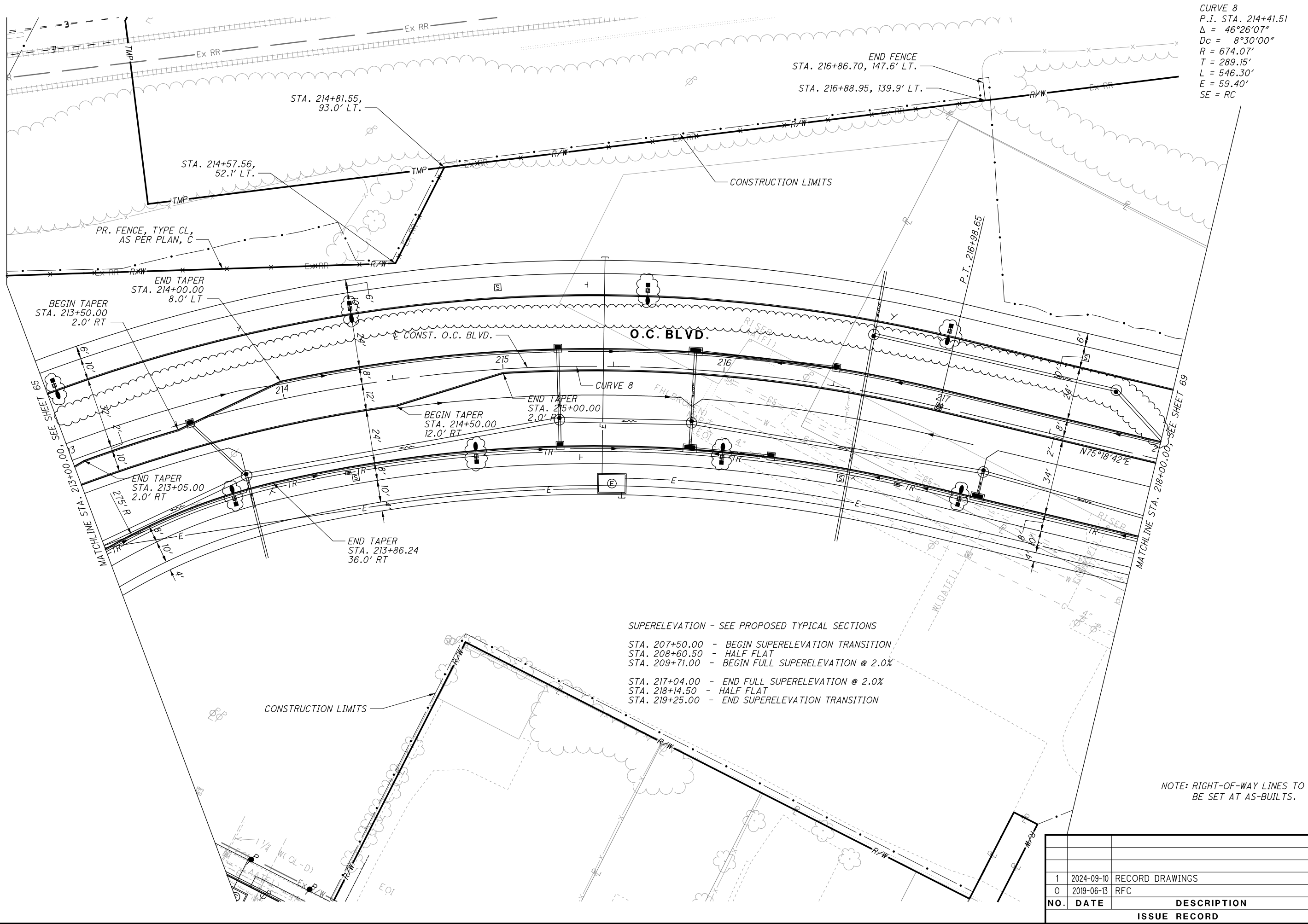
RECORD PLANS

RECORD PLANS

2	2024-09-10	RECORD DRAWINGS
1	2019-10-21	DC021
0	2019-06-13	RFC
<b>NO.</b>	<b>DATE</b>	<b>DESCRIPTION</b>
<b>ISSUE RECORD</b>		



ISSUE RECORD		
NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC



SUPERELEVATION - SEE PROPOSED TYPICAL SECTIONS  
STA. 207+50.00 - BEGIN SUPERELEVATION TRANSITION  
STA. 208+60.50 - HALF FLAT  
STA. 209+71.00 - BEGIN FULL SUPERELEVATION @ 2.0%  
STA. 217+04.00 - END FULL SUPERELEVATION @ 2.0%  
STA. 218+14.50 - HALF FLAT  
STA. 219+25.00 - END SUPERELEVATION TRANSITION

CURVE 8  
P.I. STA. 214+41.51  
Δ = 46°26'07"  
Dc = 8°30'00"  
R = 674.07'  
T = 289.15'  
L = 546.30'  
E = 59.40'  
SE = RC

NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		

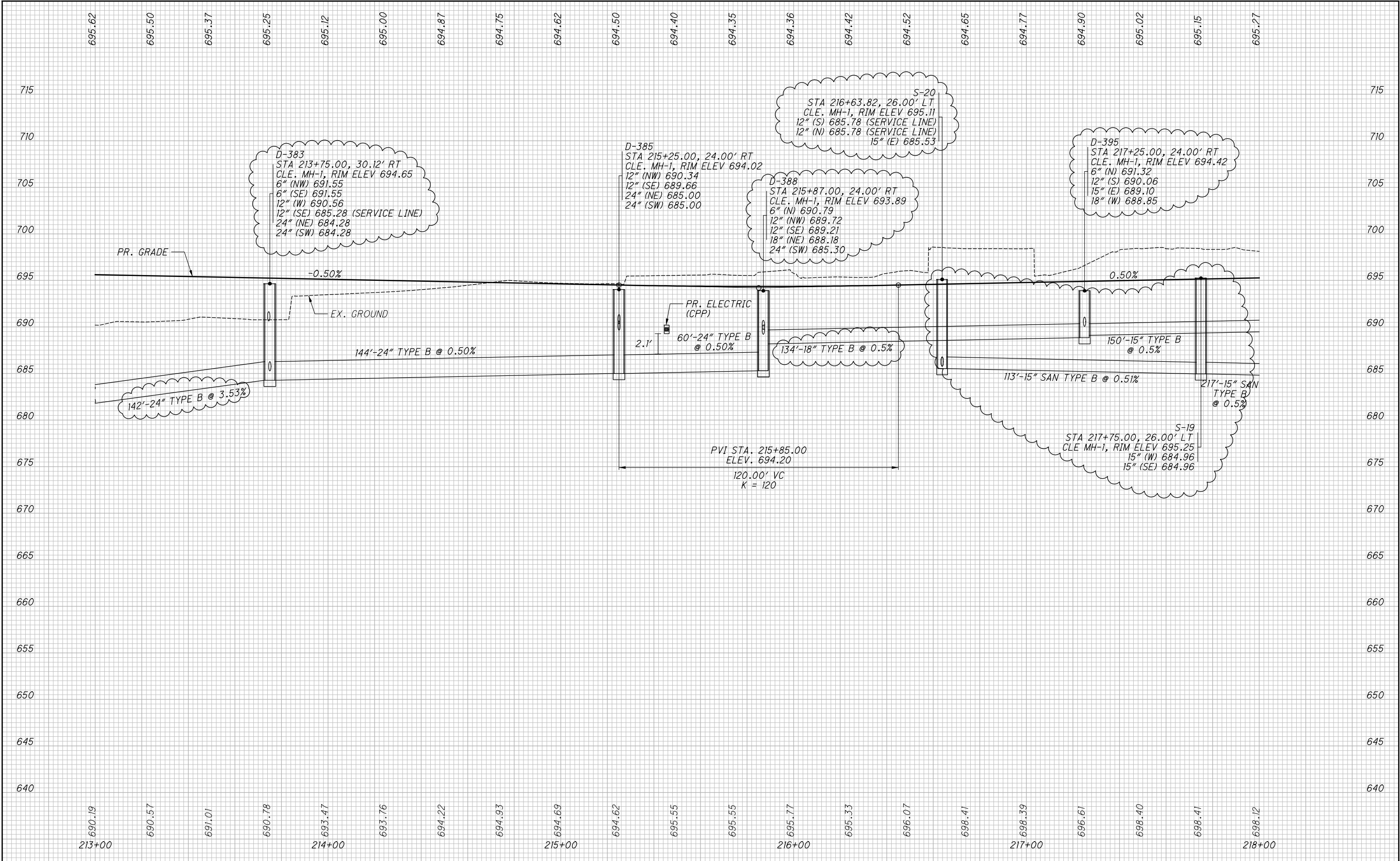
PLAN - OPPORTUNITY CORRIDOR BLVD.  
STA. 213+00.00 TO STA. 218+00.00

CUY-IR490/ SR010-  
2.09 / 19.28

CALCULATED JTH  
CHECKED SM

0 20 40  
10  
HORIZONTAL  
SCALE IN FEET

RECORD PLANS



NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		

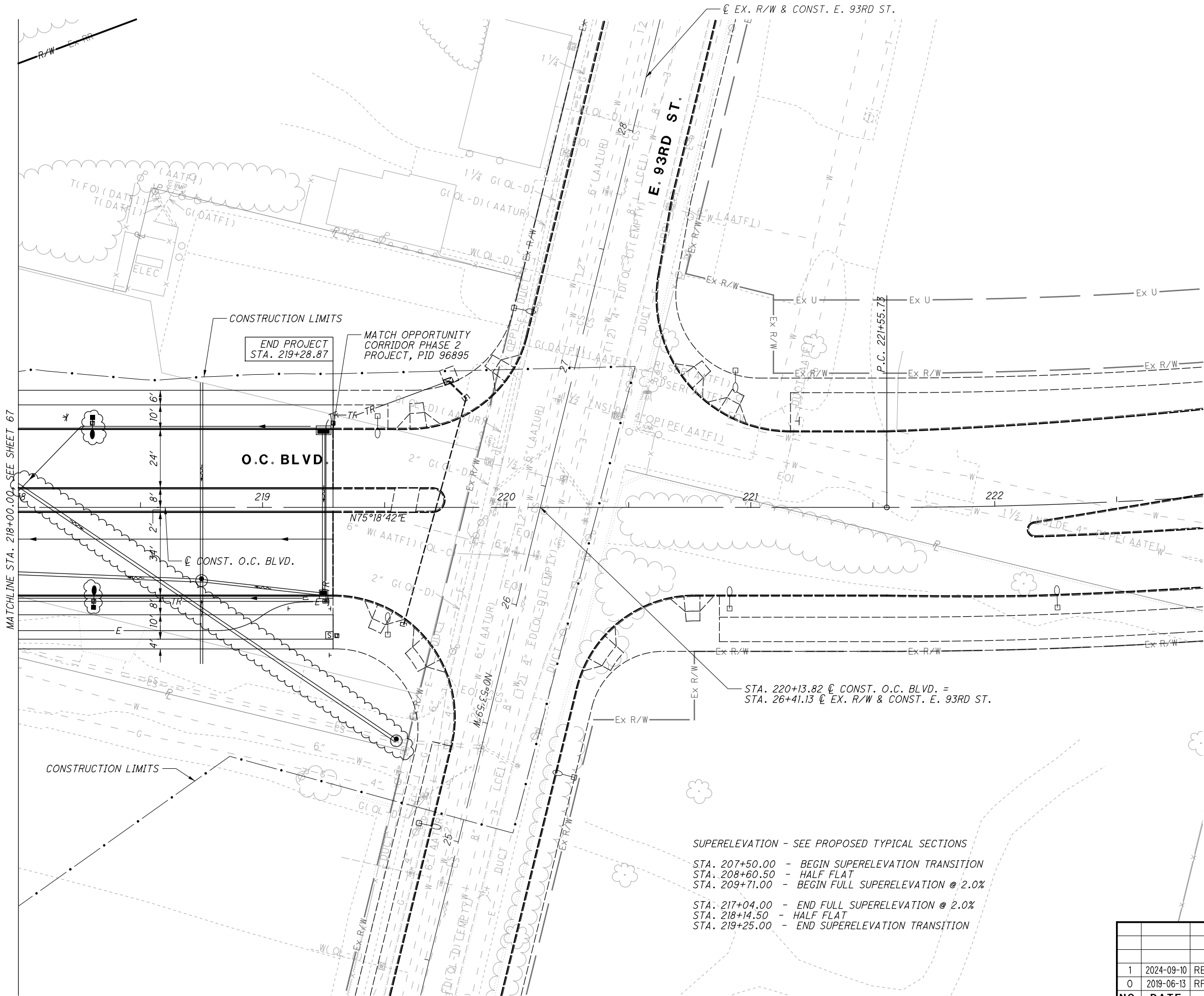
CUY-IR490/ SR010- PROFILE - OPPORTUNITY CORRIDOR BLVD.

STA. 213+00.00 TO STA. 218+00.00

2.09 / 19.28

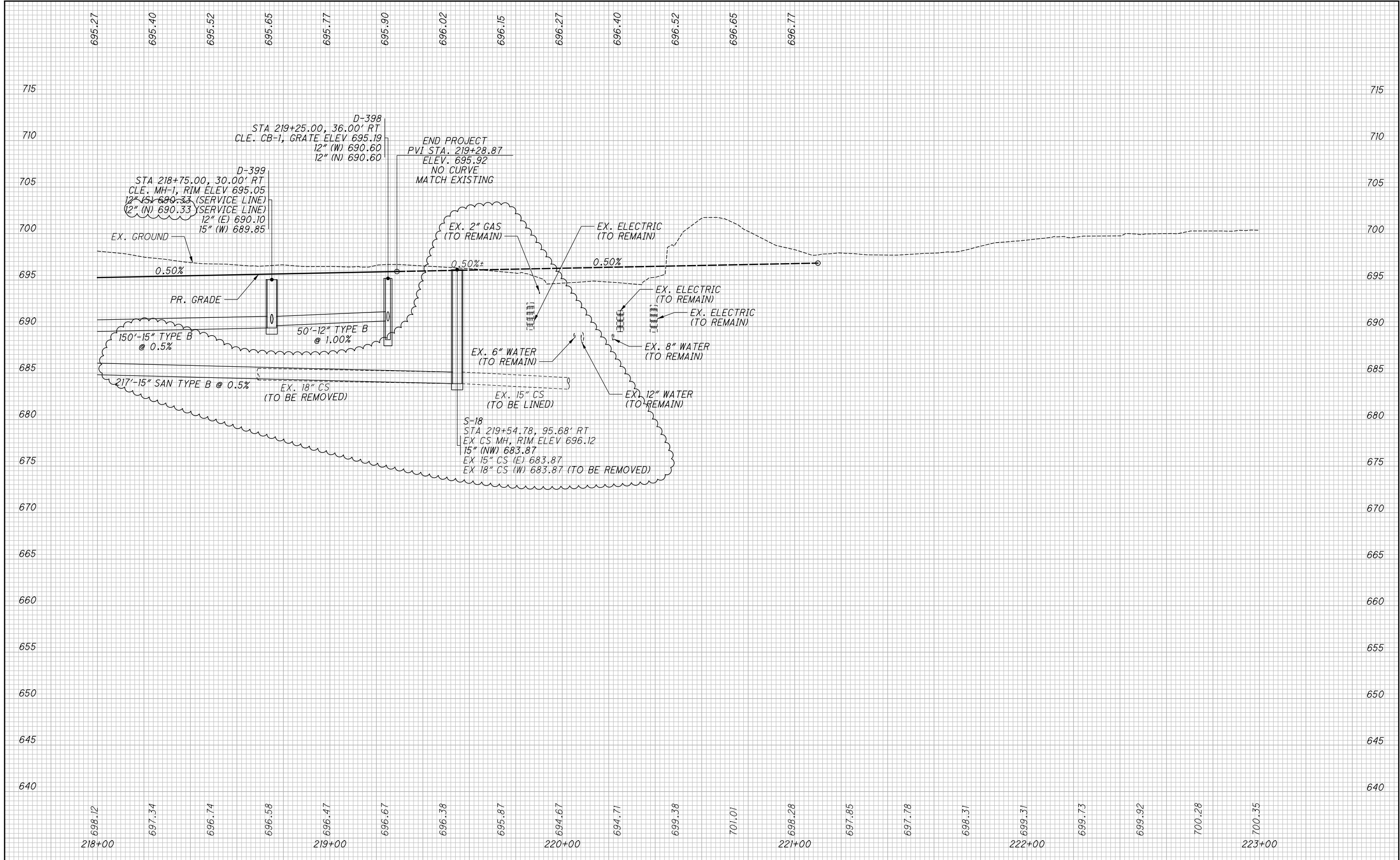
CALCULATED	JTH
CHECKED	SM



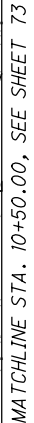


NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		

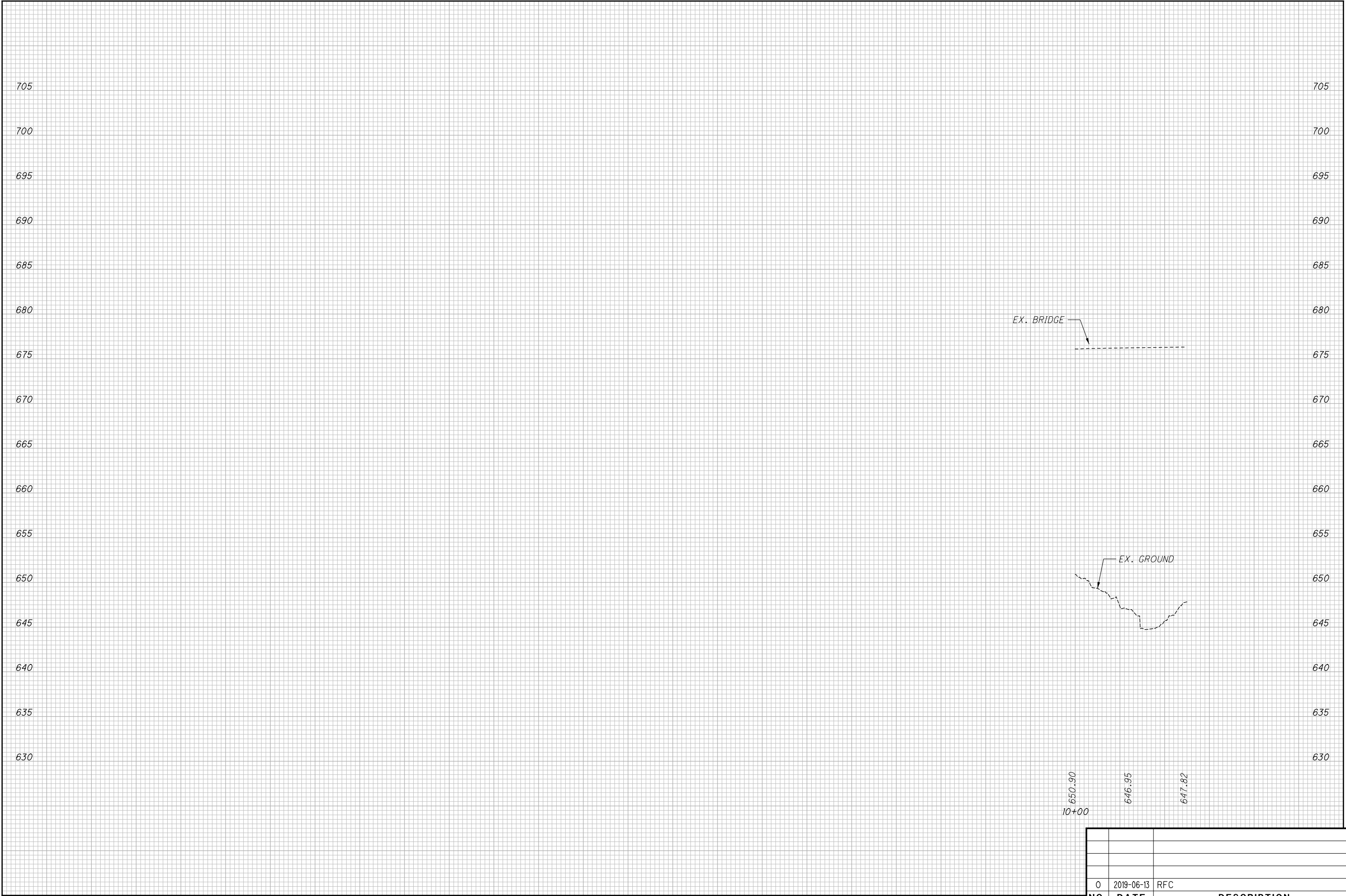




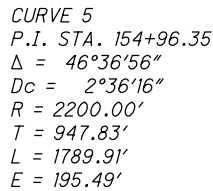
NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		

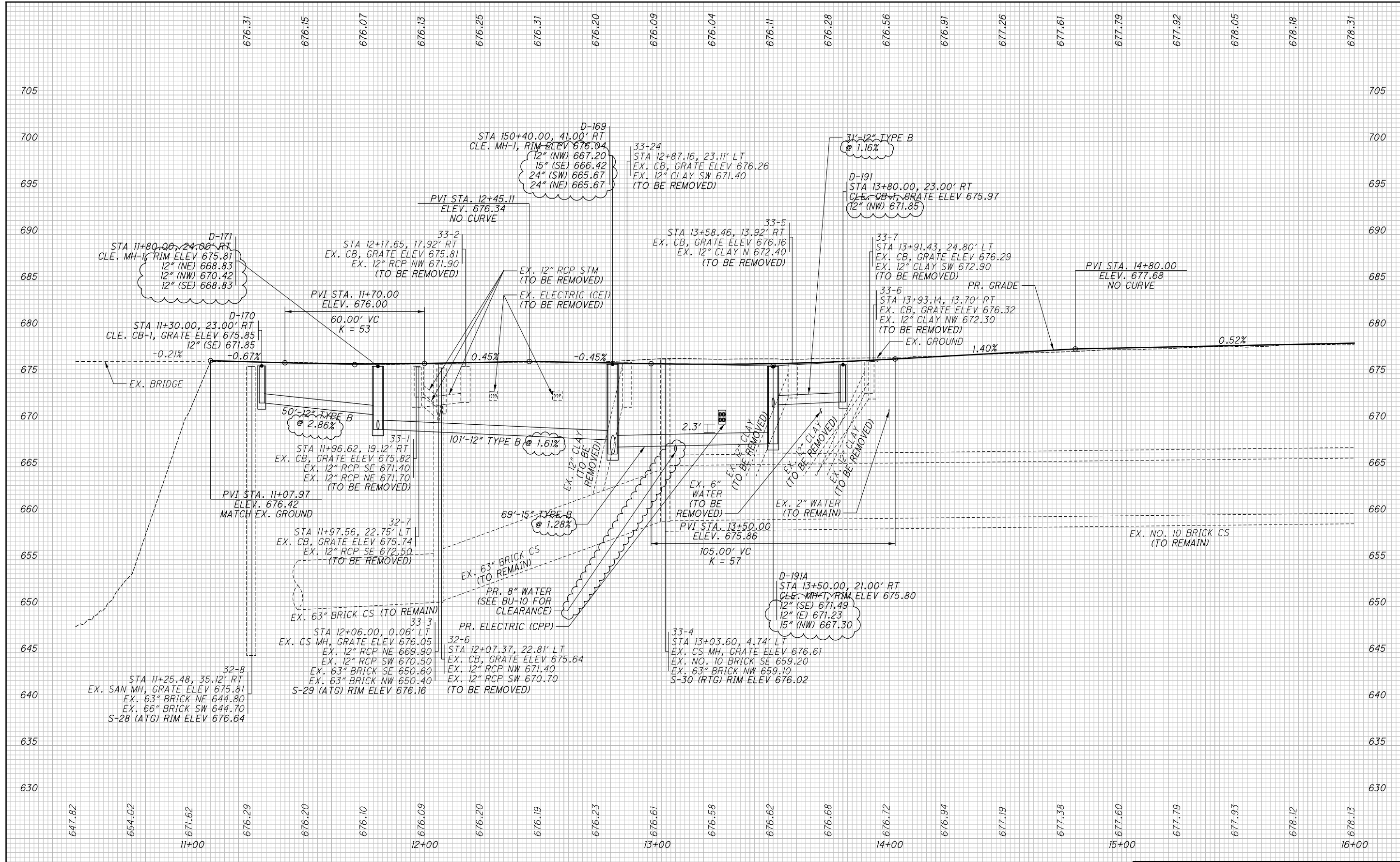


0	2019-06-13	RFC
<b>NO.</b>	<b>DATE</b>	<b>DESCRIPTION</b>
<b>ISSUE RECORD</b>		

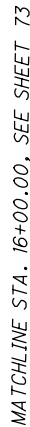


0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
ISSUE RECORD		

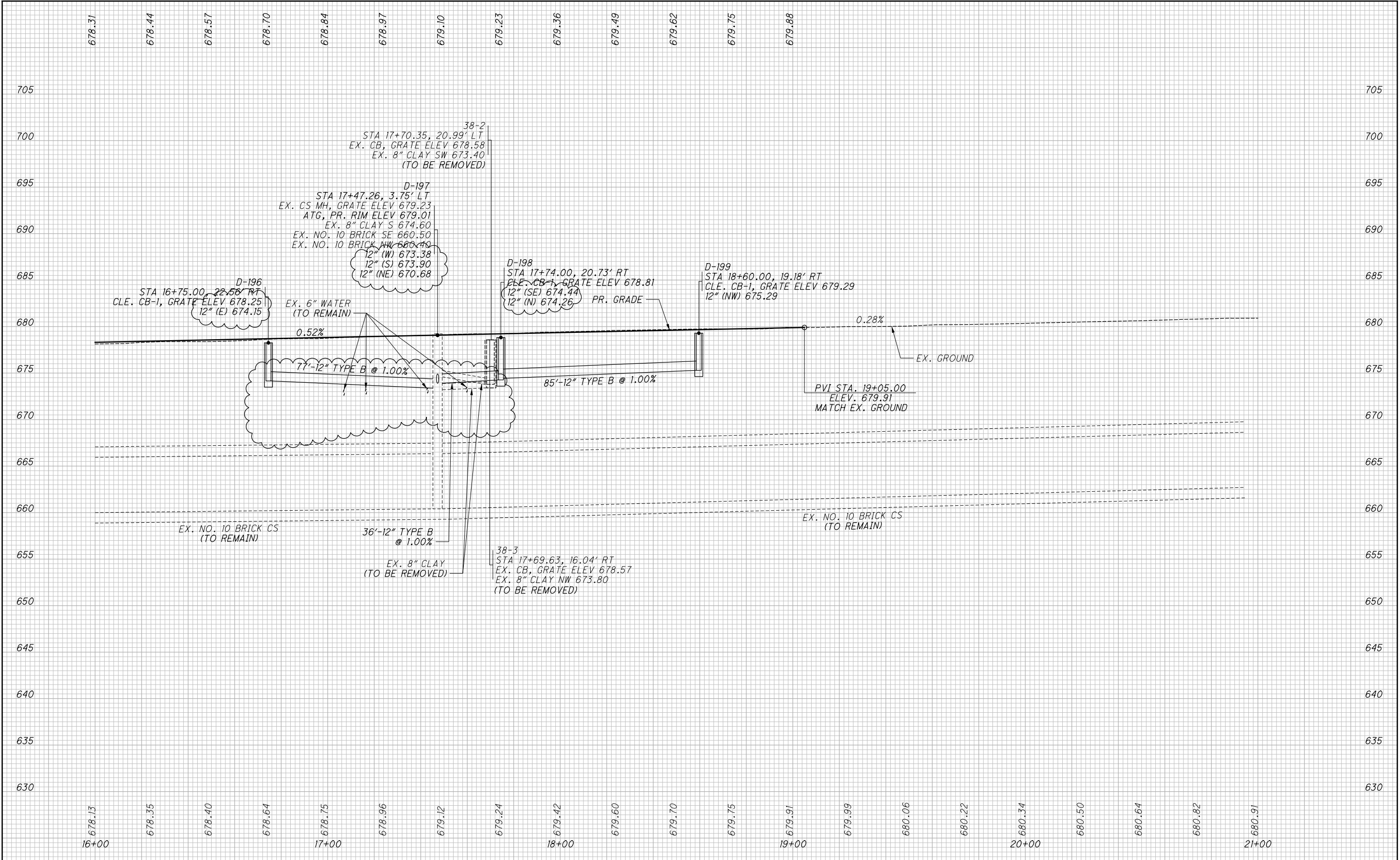

$$\frac{73}{437}$$



RECORD PLANS		
NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC

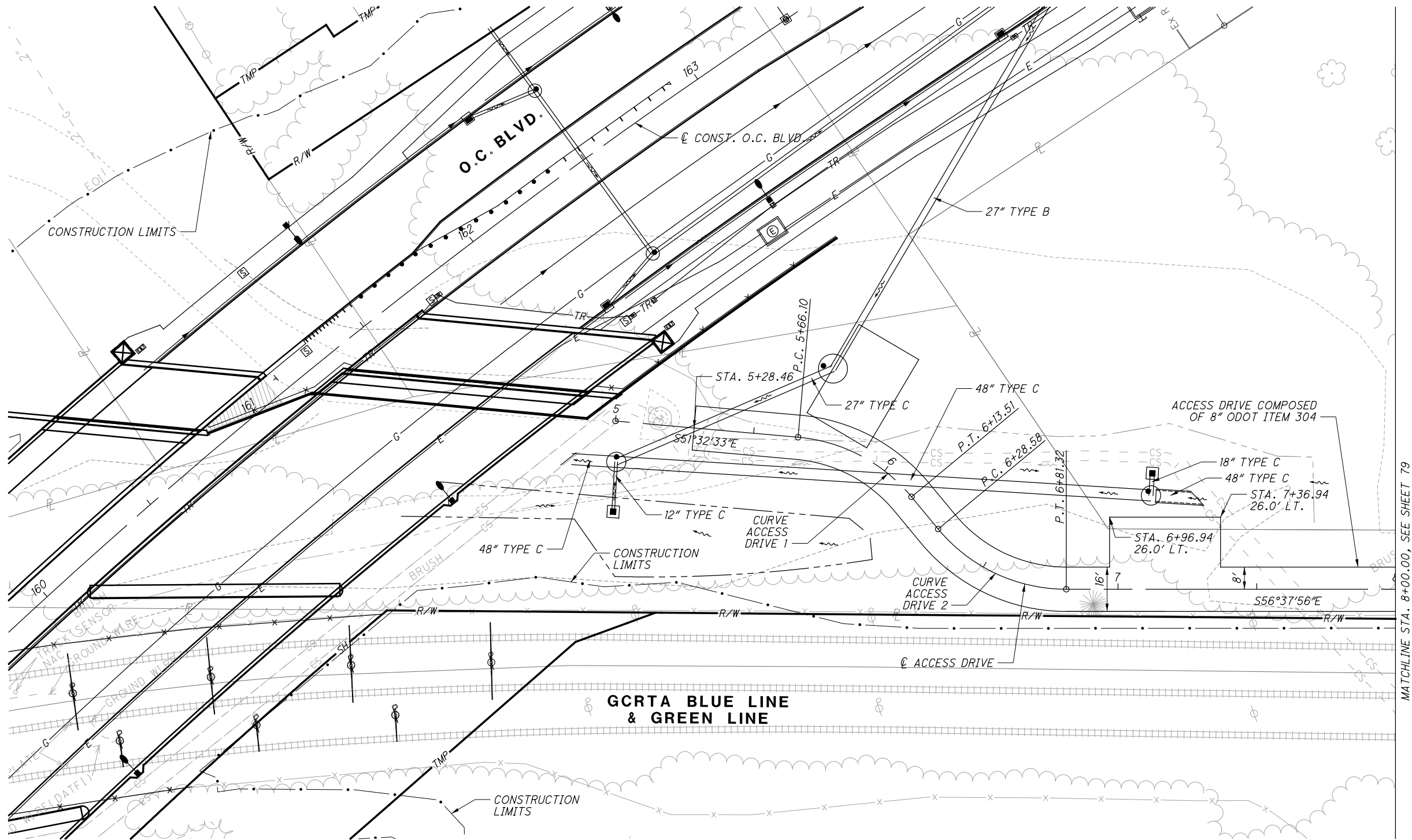


1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
NO	DATE	DESCRIPTION



NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		





MATCHLINE STA. 8+00.00, SEE SHEET 79

CURVE ACCESS DRIVE 1  
P.I. STA. 5+91.12  
 $\Delta = 45^{\circ}16'37''$   
 $Dc = 95^{\circ}29'35''$   
 $R = 60.00'$   
 $T = 25.02'$   
 $L = 47.41'$   
 $E = 5.01'$

CURVE ACCESS DRIVE 2  
P.I. STA. 14+76.43  
 $\Delta = 50^{\circ}22'0''$   
 $Dc = 95^{\circ}29'35''$   
 $R = 60.00'$   
 $T = 28.21'$   
 $L = 52.74'$   
 $E = 6.30'$

CALCULATED  
GSH

CHECKED  
SM

0 20 40

HORIZONTAL  
SCALE IN FEET

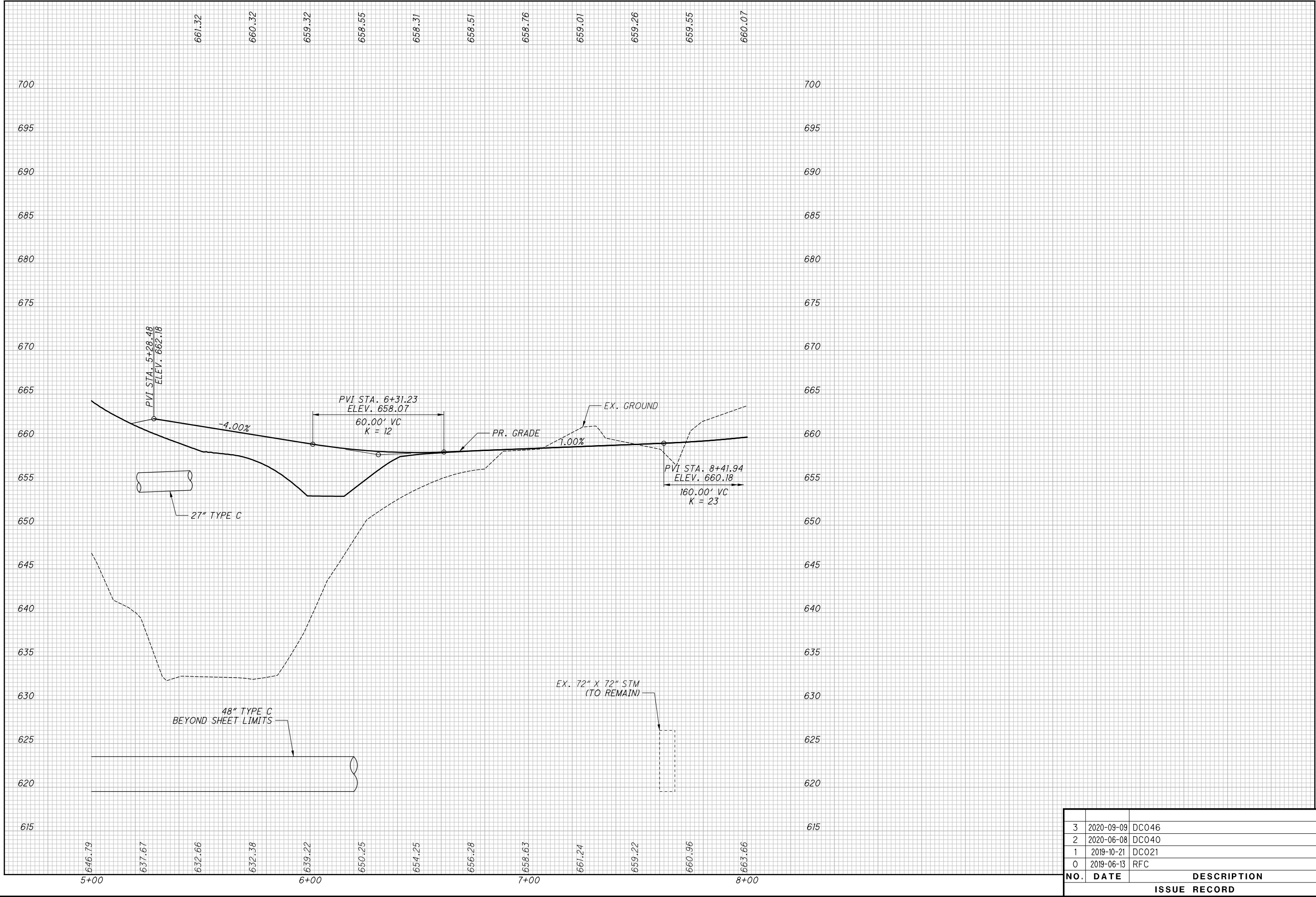
PLAN - ACCESS DRIVE  
BEGIN TO STA. 8+00.00

CUY-IR490/ SR010-  
2.09 / 19.28

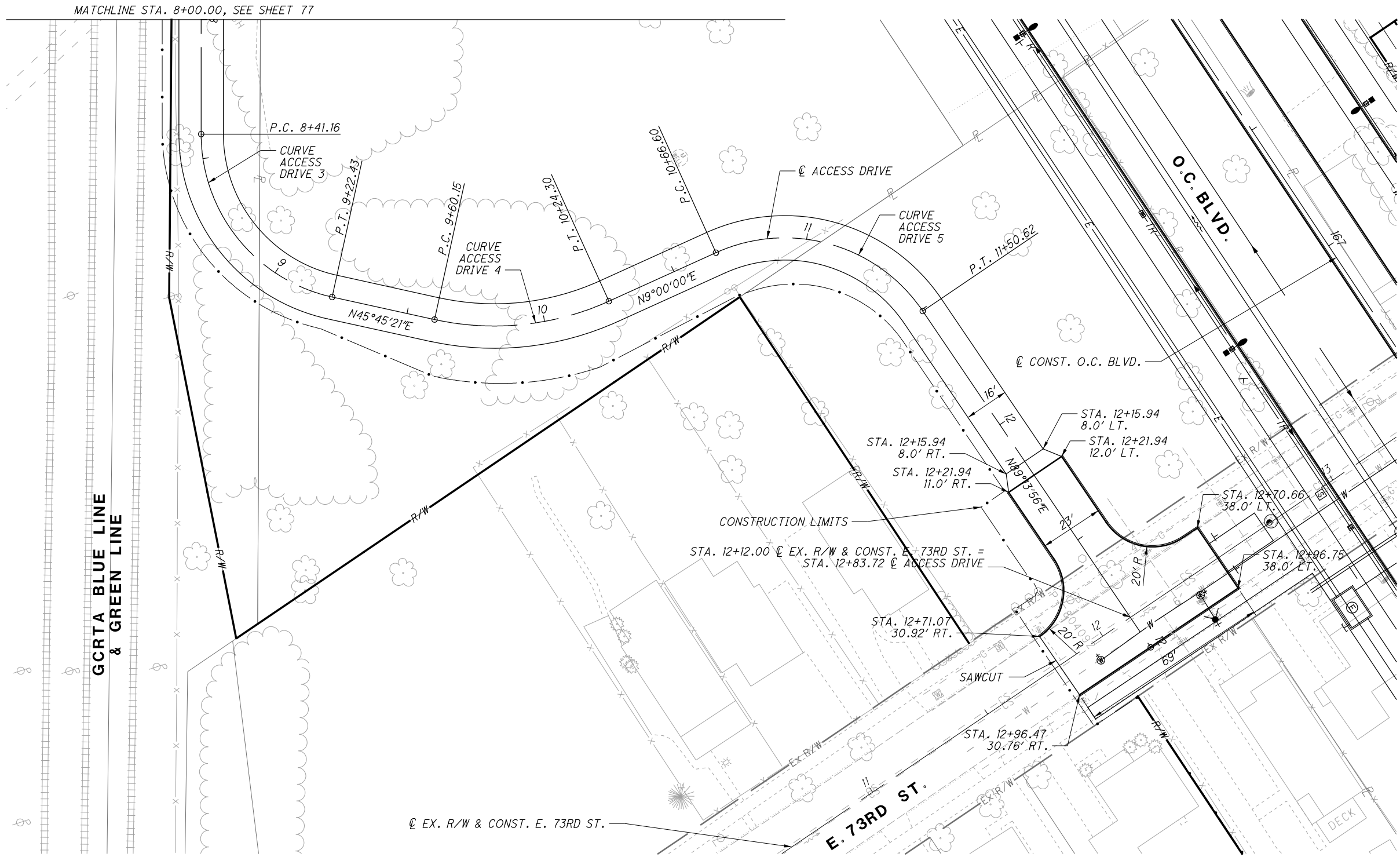
NO.	DATE	DESCRIPTION
3	2020-09-09	DC046
2	2020-06-08	DC040
1	2019-10-21	DC021
0	2019-06-13	RFC
ISSUE RECORD		

RECORD PLANS

RECORD PLANS



3	2020-09-09	DC046
2	2020-06-08	DC040
1	2019-10-21	DC021
0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
ISSUE RECORD		

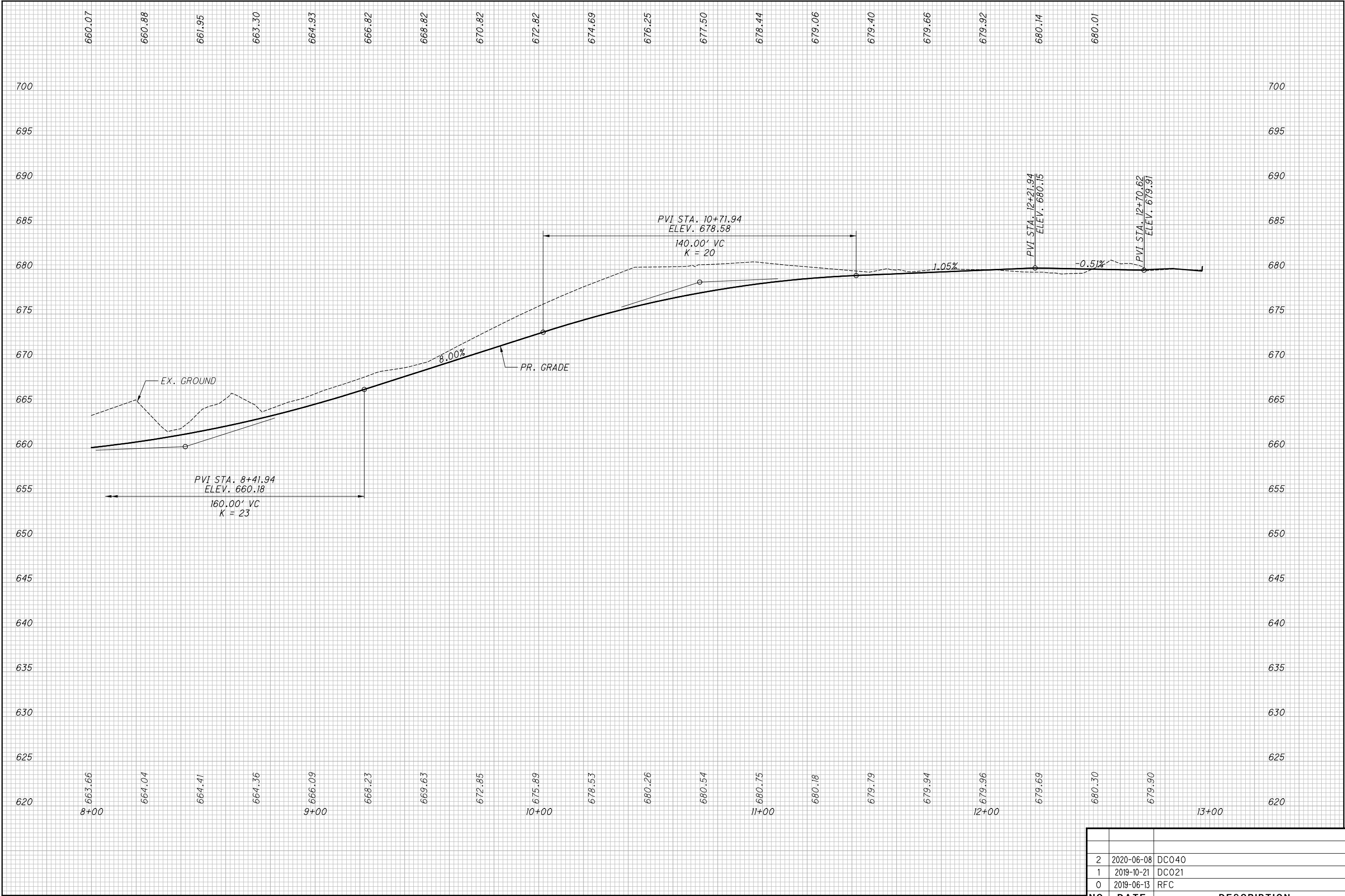


CURVE ACCESS DRIVE 3  
P.I. STA. 8+89.41  
Δ = 77°36'42"  
Dc = 95°29'35"  
R = 60.00'  
T = 48.25'  
L = 81.27'  
E = 16.99'

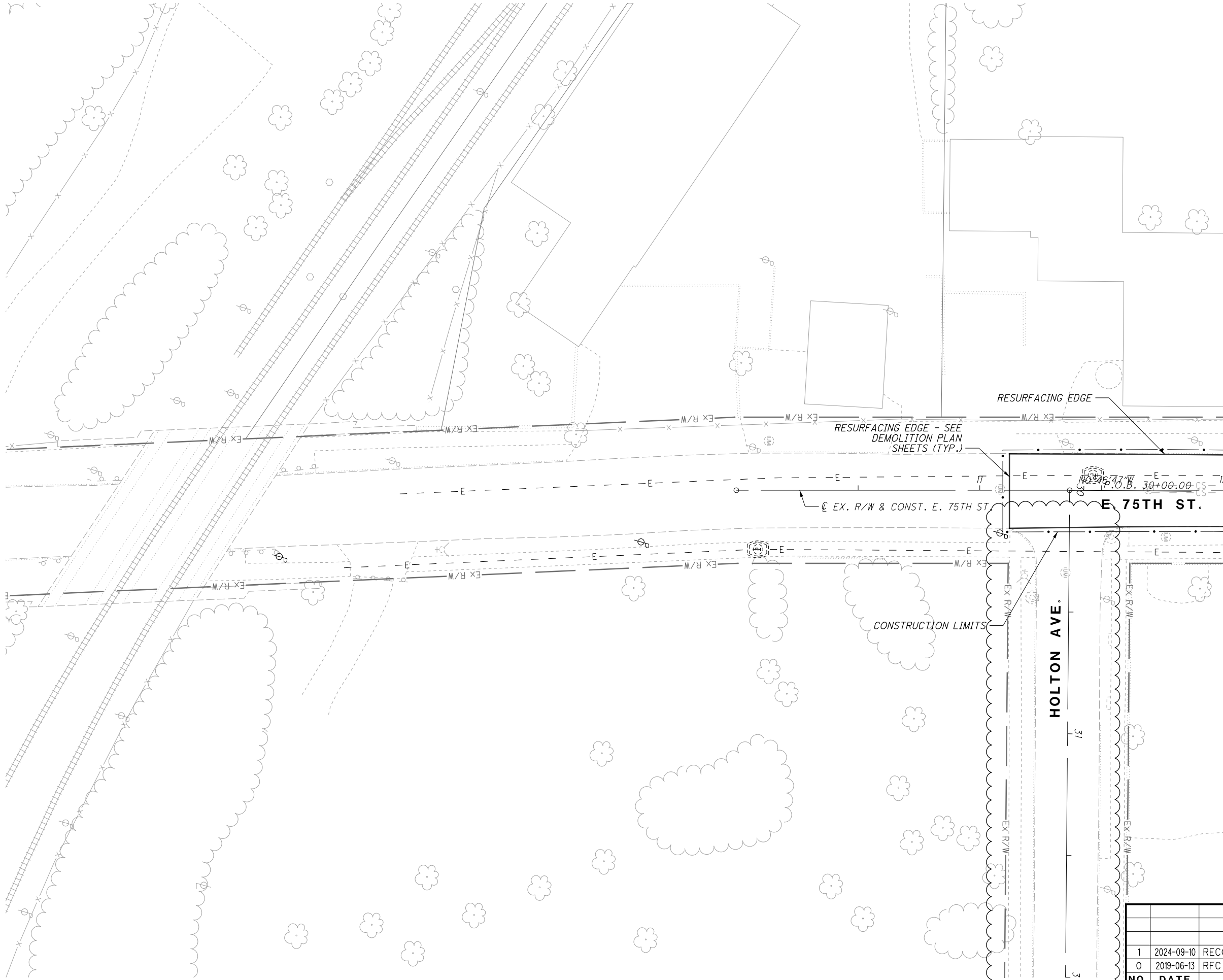
CURVE ACCESS DRIVE 4  
P.I. STA. 9+93.37  
Δ = 36°45'21"  
Dc = 57°17'45"  
R = 100.00'  
T = 33.22'  
L = 64.15'  
E = 5.37'

CURVE ACCESS DRIVE 5  
P.I. STA. 11+17.15  
Δ = 80°13'56"  
Dc = 95°29'35"  
R = 60.00'  
T = 50.55'  
L = 84.02'  
E = 18.46'

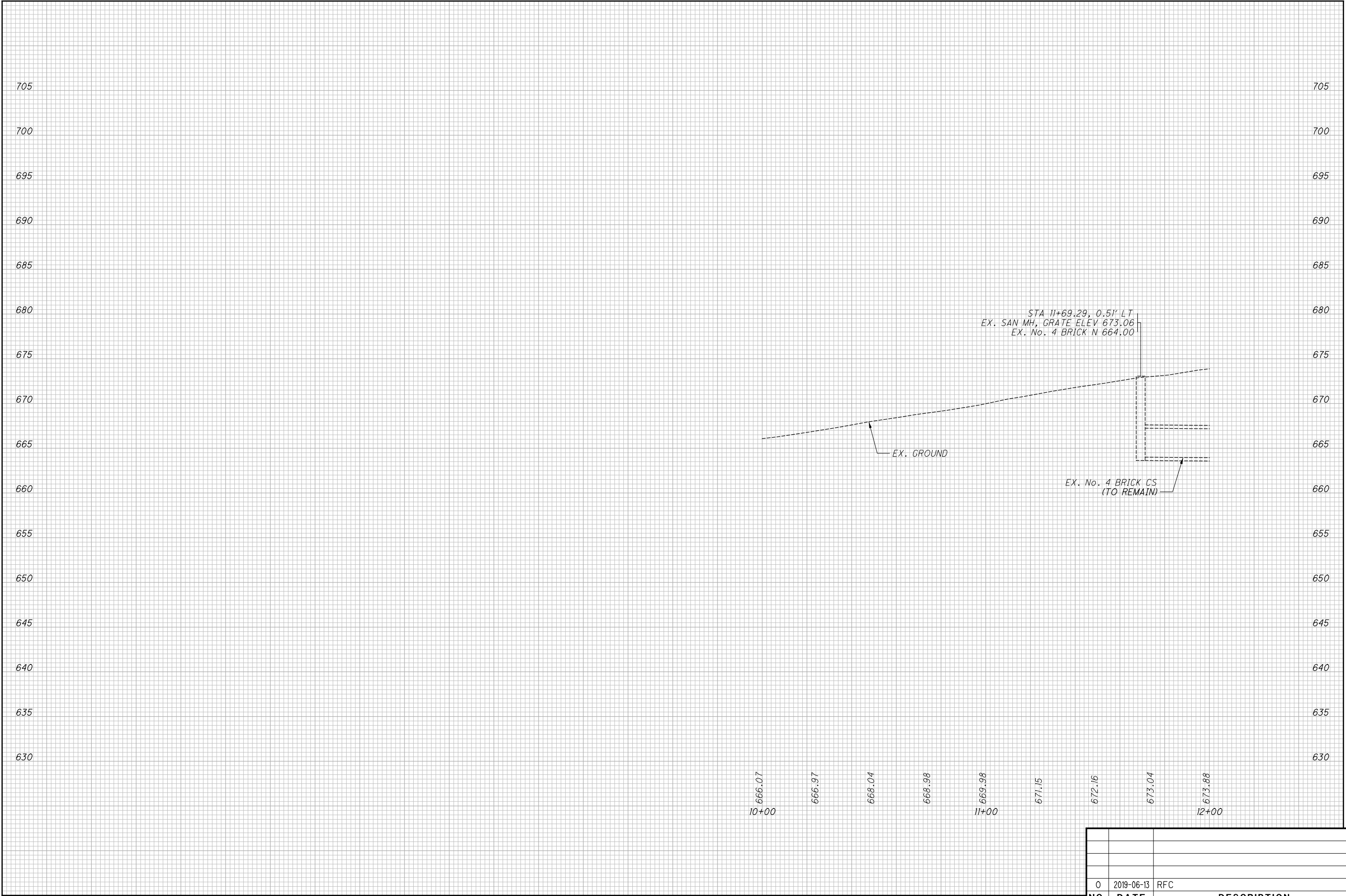
NO.	DATE	DESCRIPTION
2	2020-06-08	DCO40
1	2019-10-21	DCO21
0	2019-06-13	RFC
ISSUE RECORD		



NO.	DATE	DESCRIPTION	
		ISSUE RECORD	
2	2020-06-08	DC040	
1	2019-10-21	DC021	
0	2019-06-13	RFC	



1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
ISSUE RECORD		



0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
ISSUE RECORD		

CUY-IR490/ SR010-2.09 / 19.28

82  
437

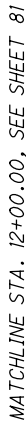
PROFILE - E. 75TH ST.  
BEGIN TO STA. 12+00.00

RECORD PLANS

CALCULATED  
JTH

CHECKED  
SM

RECORD PLANS



**WAGNER AVE.**

MATCH EXISTING  
STA. 13+58.62  
14.7' LT

MATCH EXISTING  
BEGIN TAPER  
STA. 13+58.62  
15.6' RT

- RESURFACING EDGE - SEE  
DEMOLITION PLAN  
SHEETS (TYP.)

### CONSTRUCTION LIMITS

STA. 16+06.86 @ EX. R/W & CONST. E. 75TH ST. =  
STA. 171+25.05 @ CONST. O.C. BLVD.

BEGIN WORK  
STA. 13+58.62

BEGIN TAPER  
STA. 13+68.62  
29.0' LT

BEGIN TAPER  
STA. 13+73.55  
14.8' LT

END TAPER  
STA. 14+48.80  
17.6' LT

**E. 75TH ST.**

- END TAPER  
STA. 13+80.87

STA. 13+80.85  
20.04 BT

EX. R/W & CONST. E. 75TH ST.

RAWLINGS AVE.<sup>21</sup>

**O.C. BLVD.**

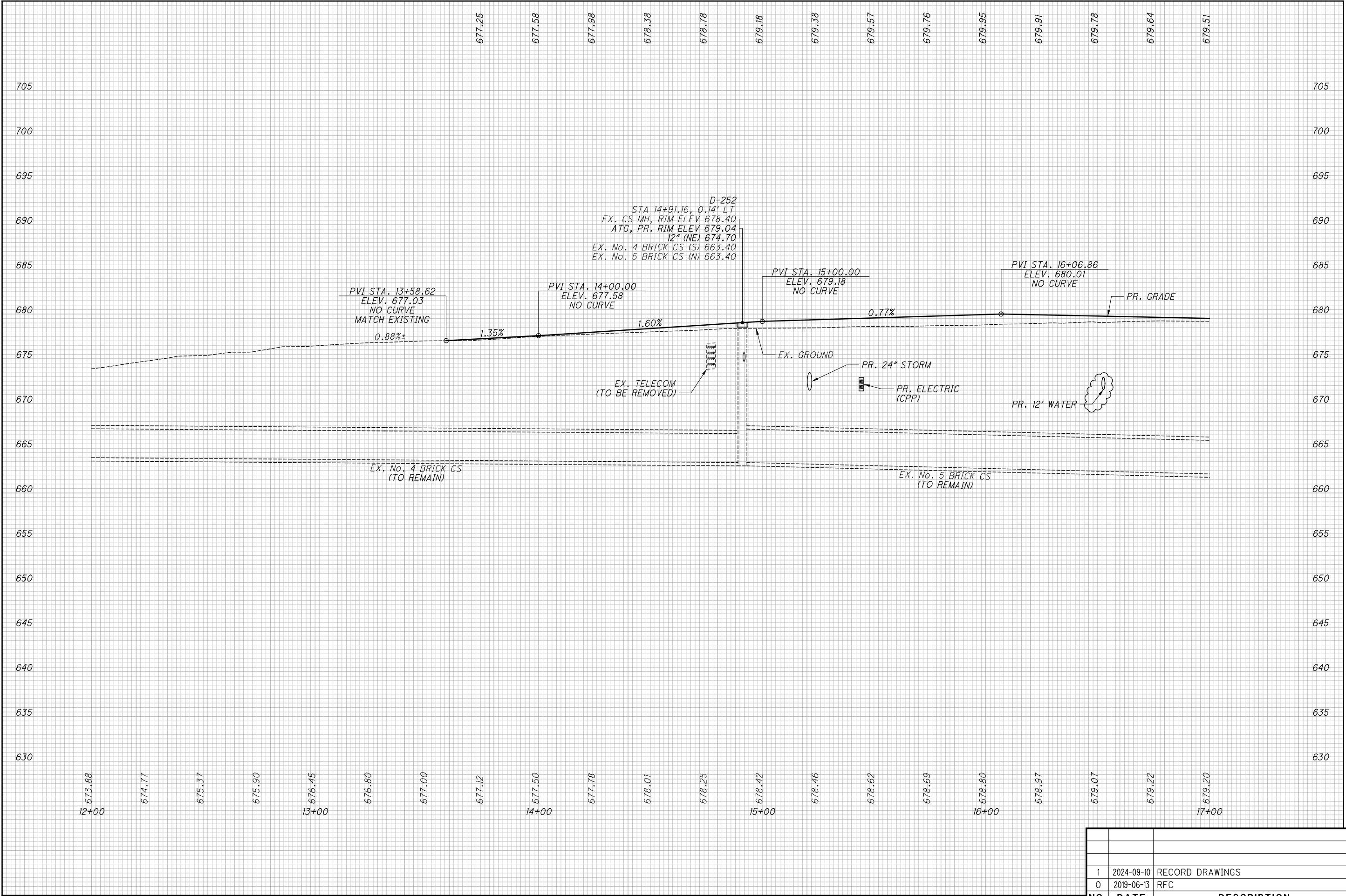
### CONSTRUCTION LIMITS

MATCHLINE STA: 17+00.00. SEE SHEET 85

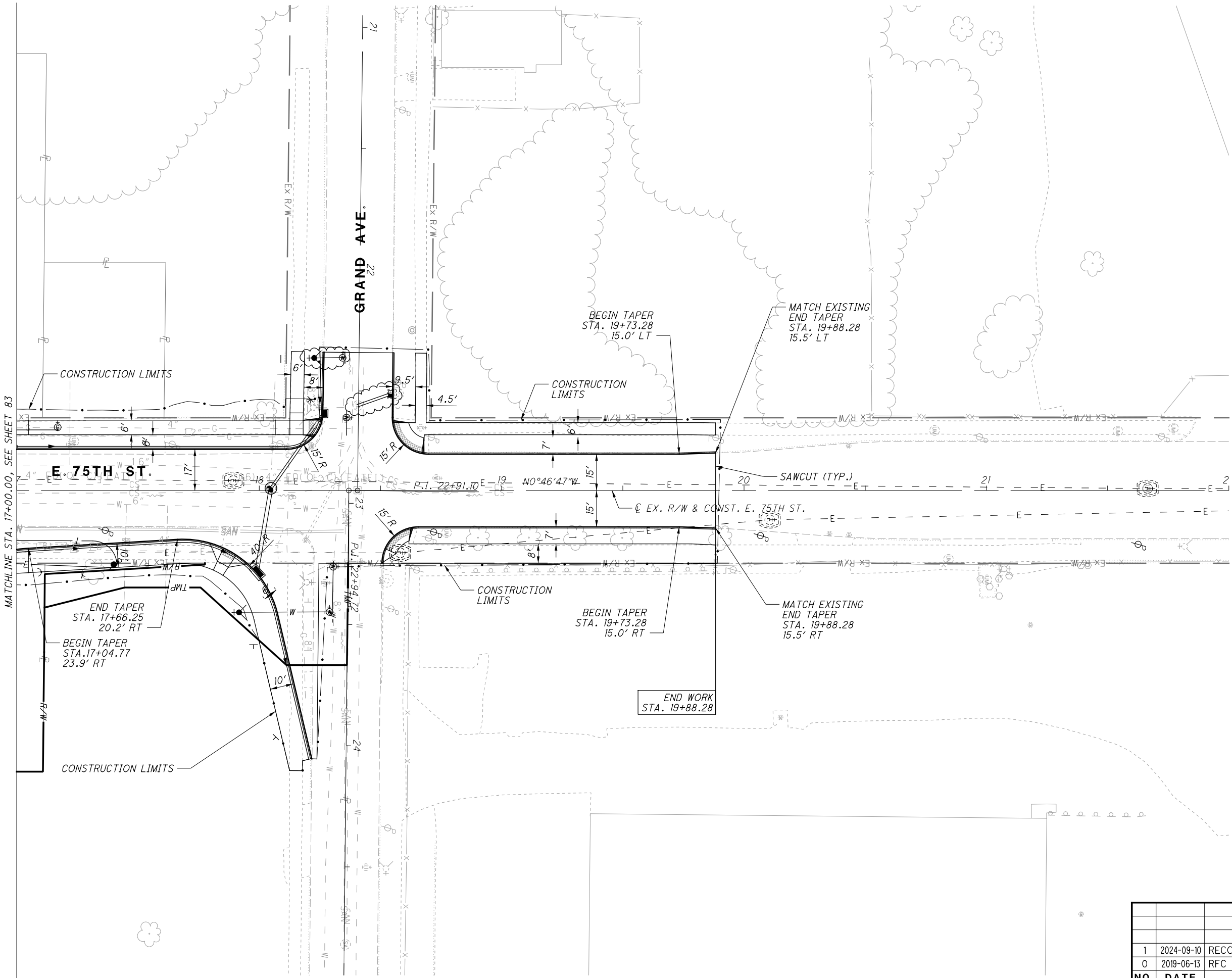
### CONSTRUCTION LIMITS

NO.	DATE	DESCRIPTION
ISSUE RECORD		

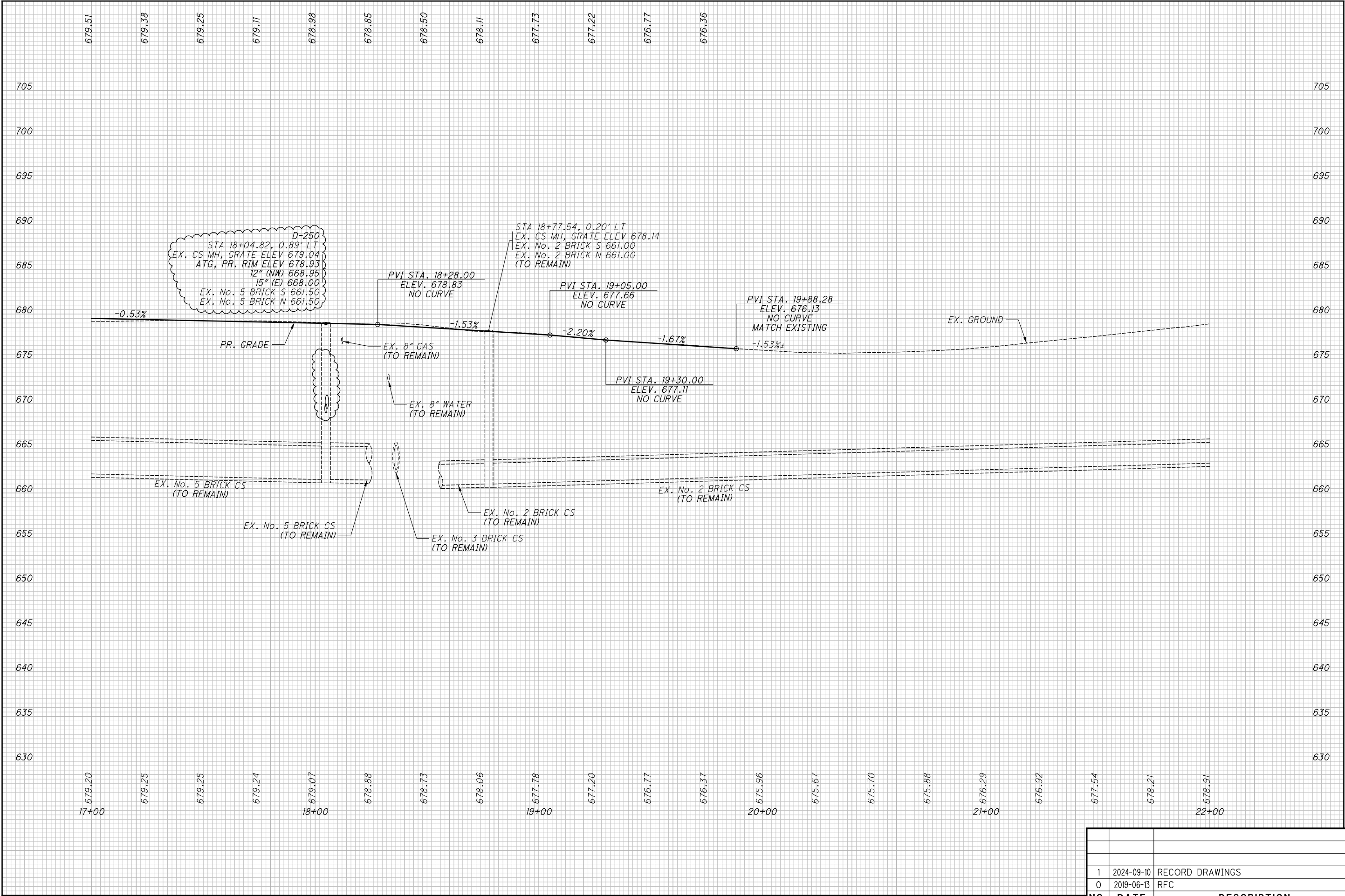




ISSUE RECORD		
NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC



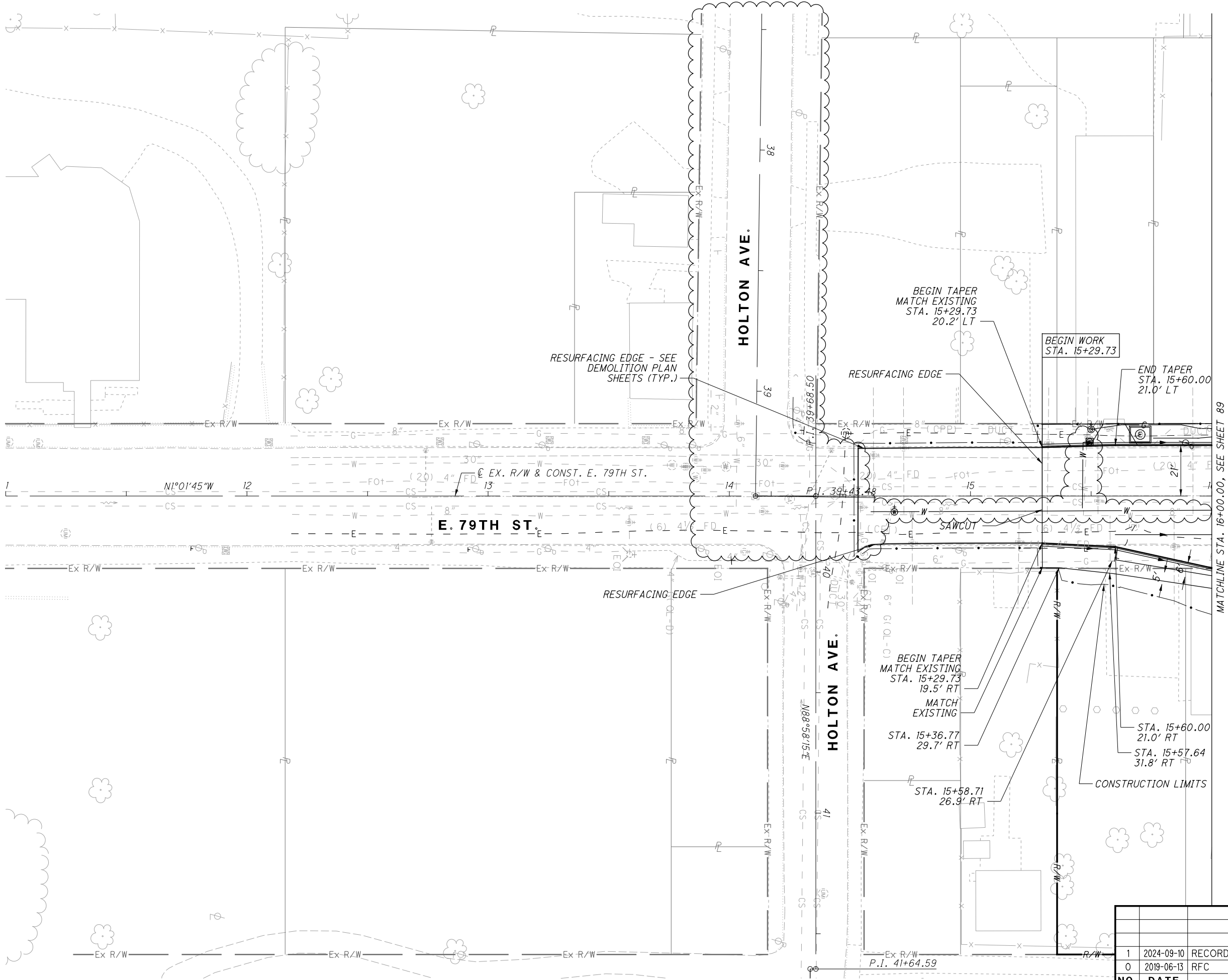
NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		



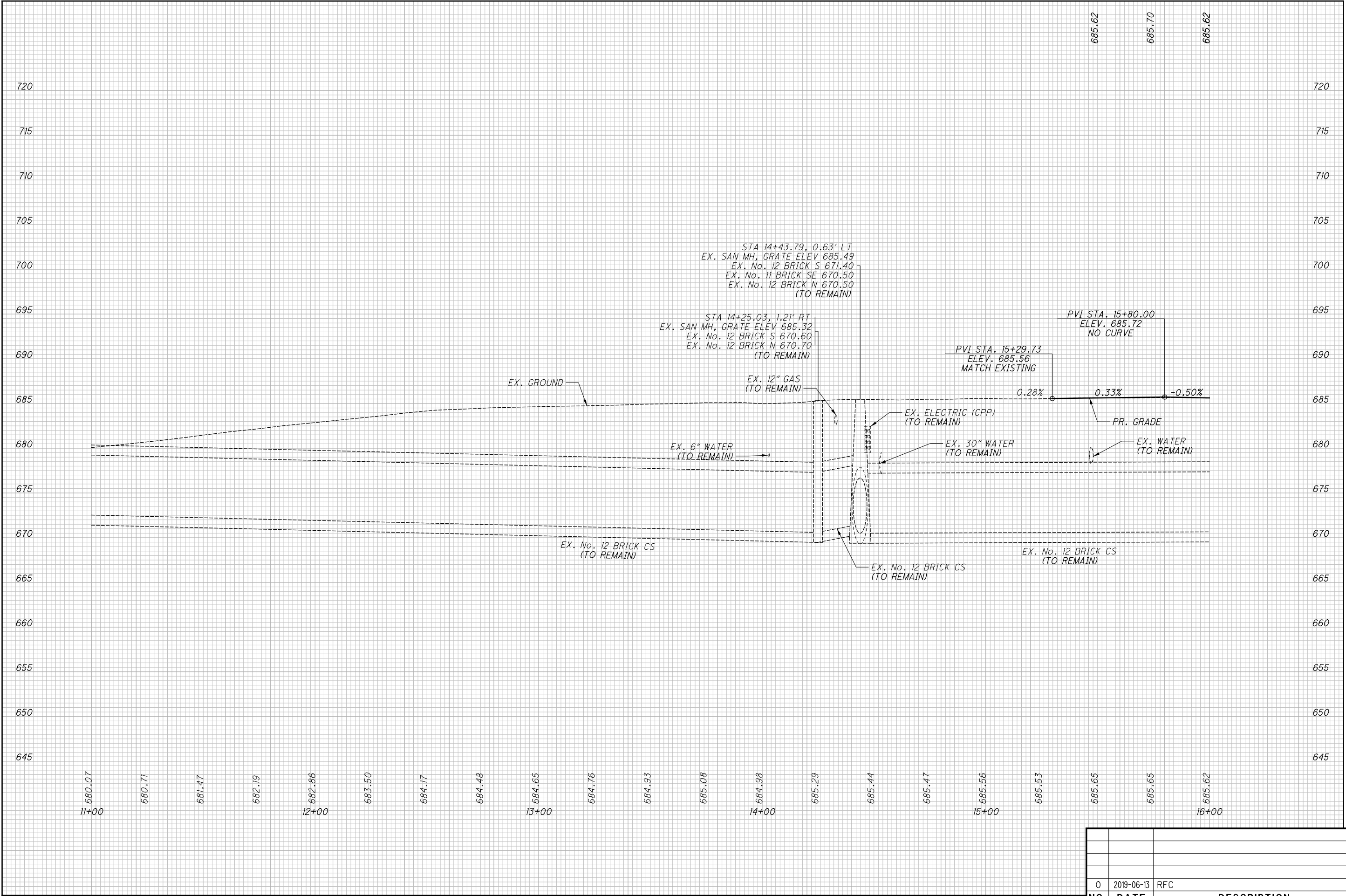
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
ISSUE RECORD		

PROFILE - E. 75TH ST.  
STA. 17+00.00 TO END

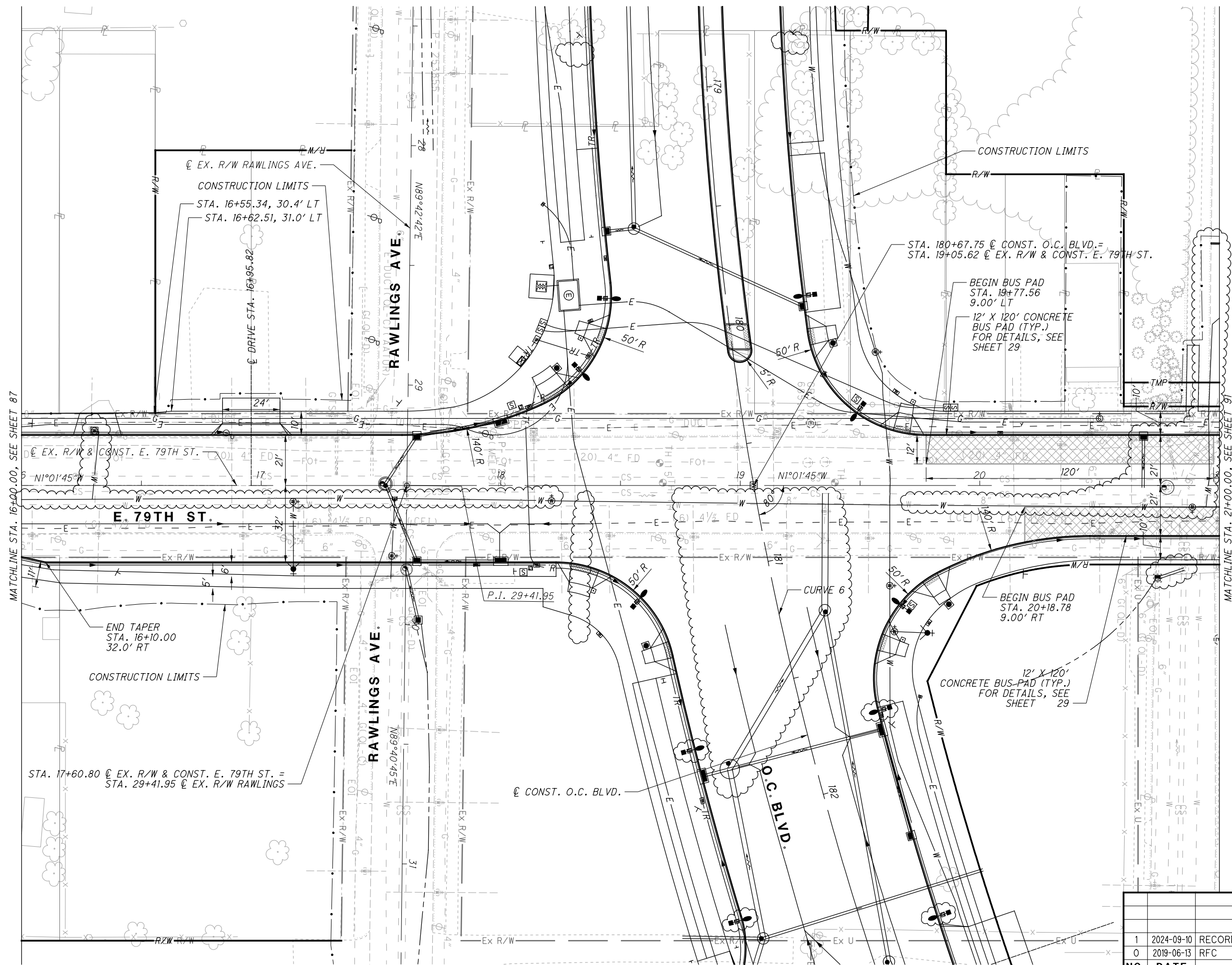
CUY-IR490/ SR010-  
2.09 / 19.28



ISSUE RECORD		
NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC

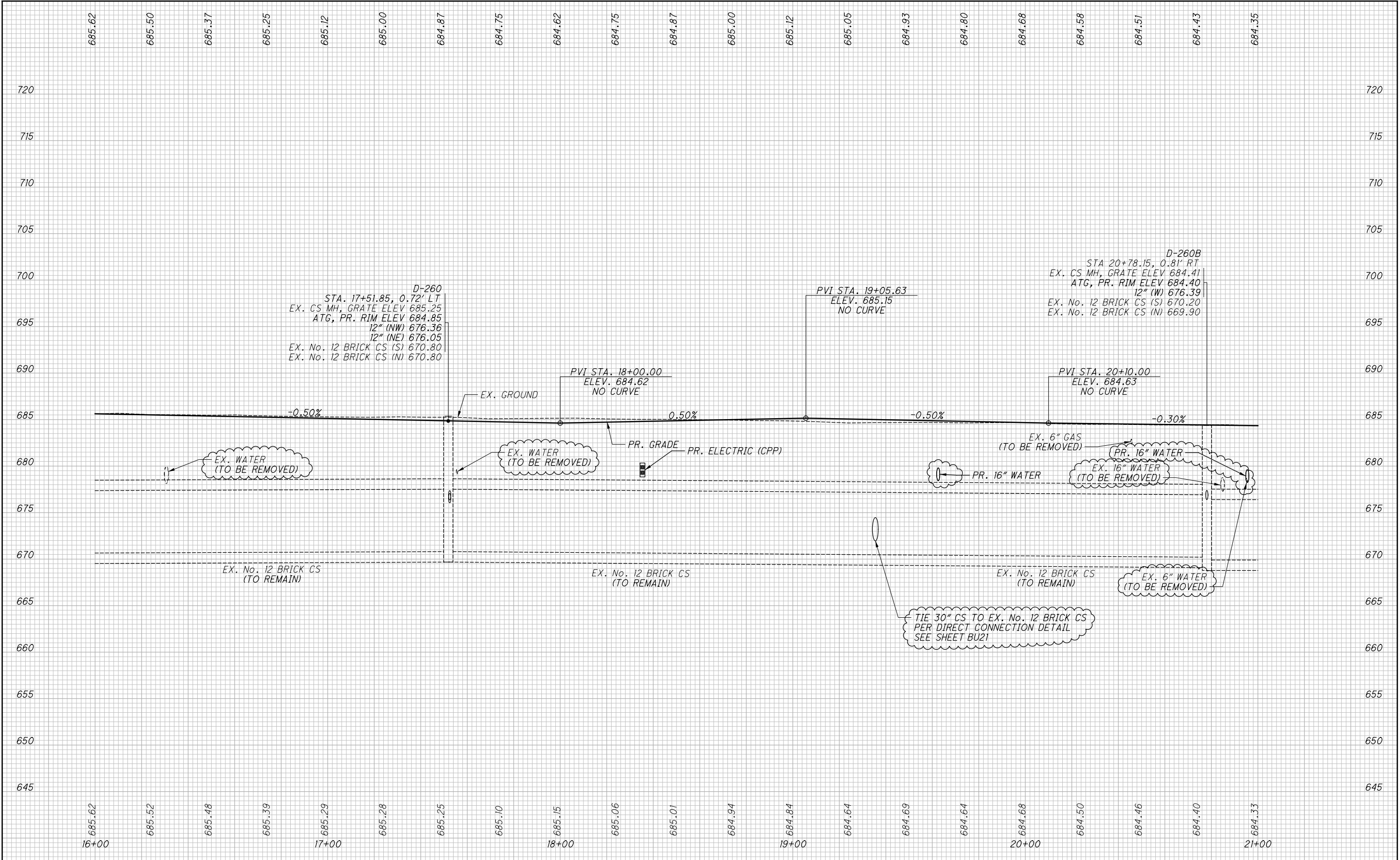


NO.	DATE	DESCRIPTION
0	2019-06-13	RFC
ISSUE RECORD		



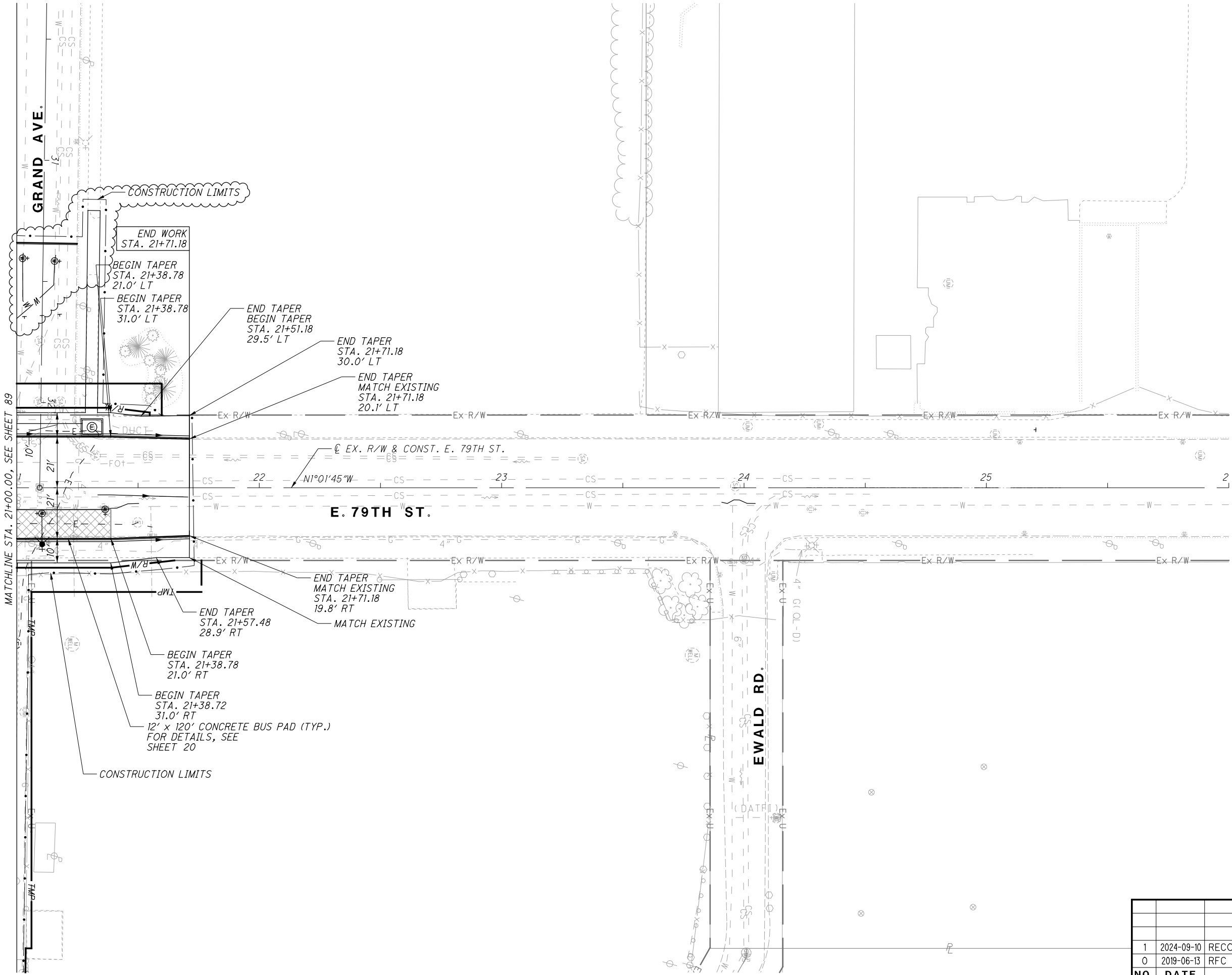
CURVE 6  
P.I. STA. 181+76.88  
 $\Delta = 29^{\circ}42'47''$   
 $D_c = 4^{\circ}00'00''$   
 $R = 1432.39'$   
 $T = 379.97'$   
 $L = 742.82'$   
 $E = 49.54'$

1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
<b>NO.</b>	<b>DATE</b>	<b>DESCRIPTION</b>
<b>ISSUE RECORD</b>		



NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		





NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC

ISSUE RECORD

CUY-IR490/ SR010-2.09 / 19.28

91437

PLAN - E. 79TH ST.  
STA. 21+00.00 TO END

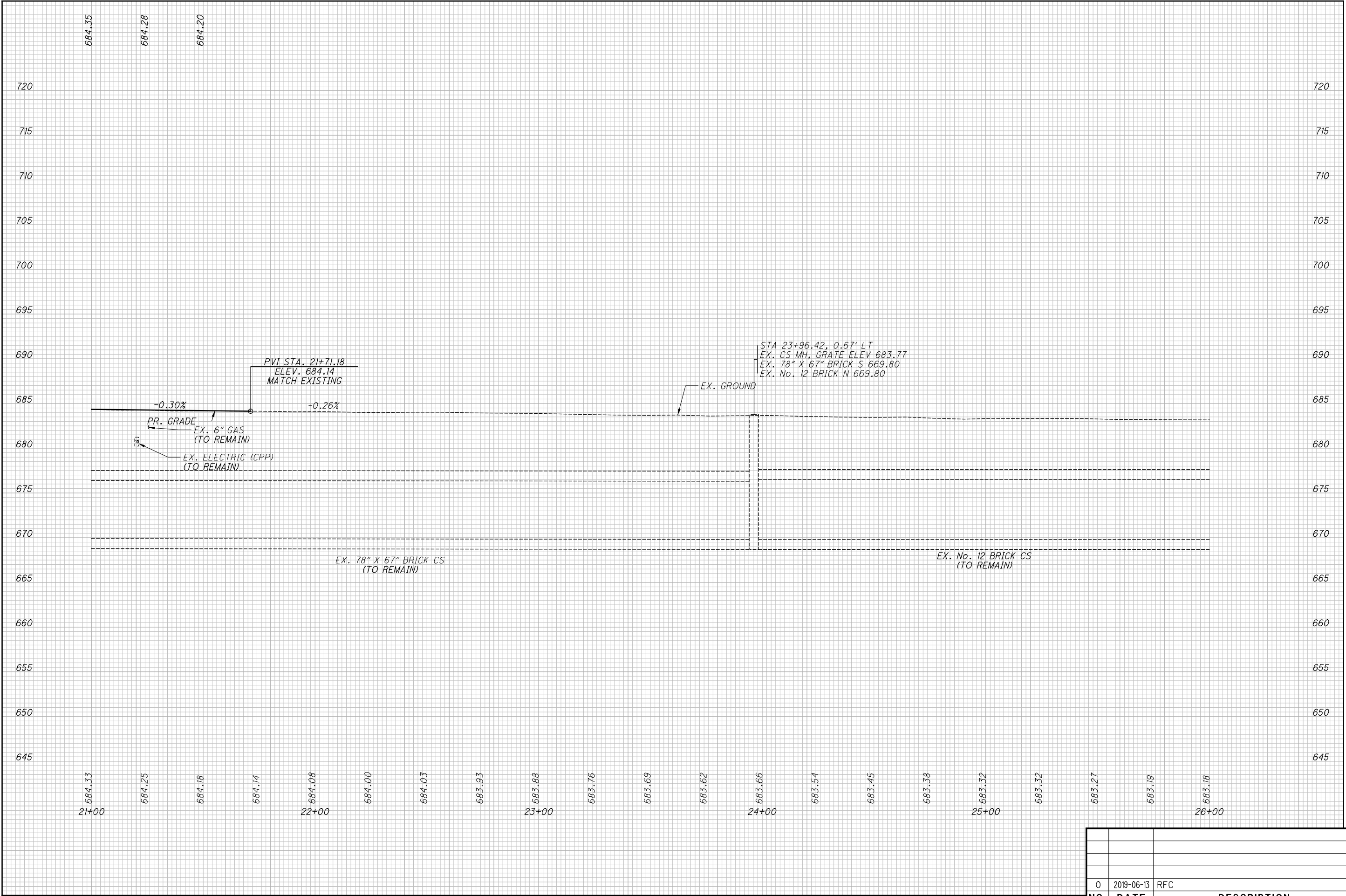
CALCULATED  
JTH  
CHECKED  
SM

02040  
HORIZONTAL  
SCALE IN FEET

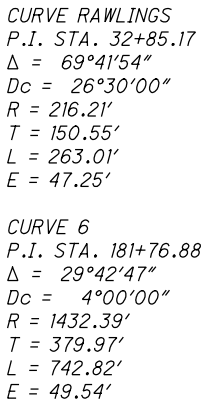
N

RECORD PLANS

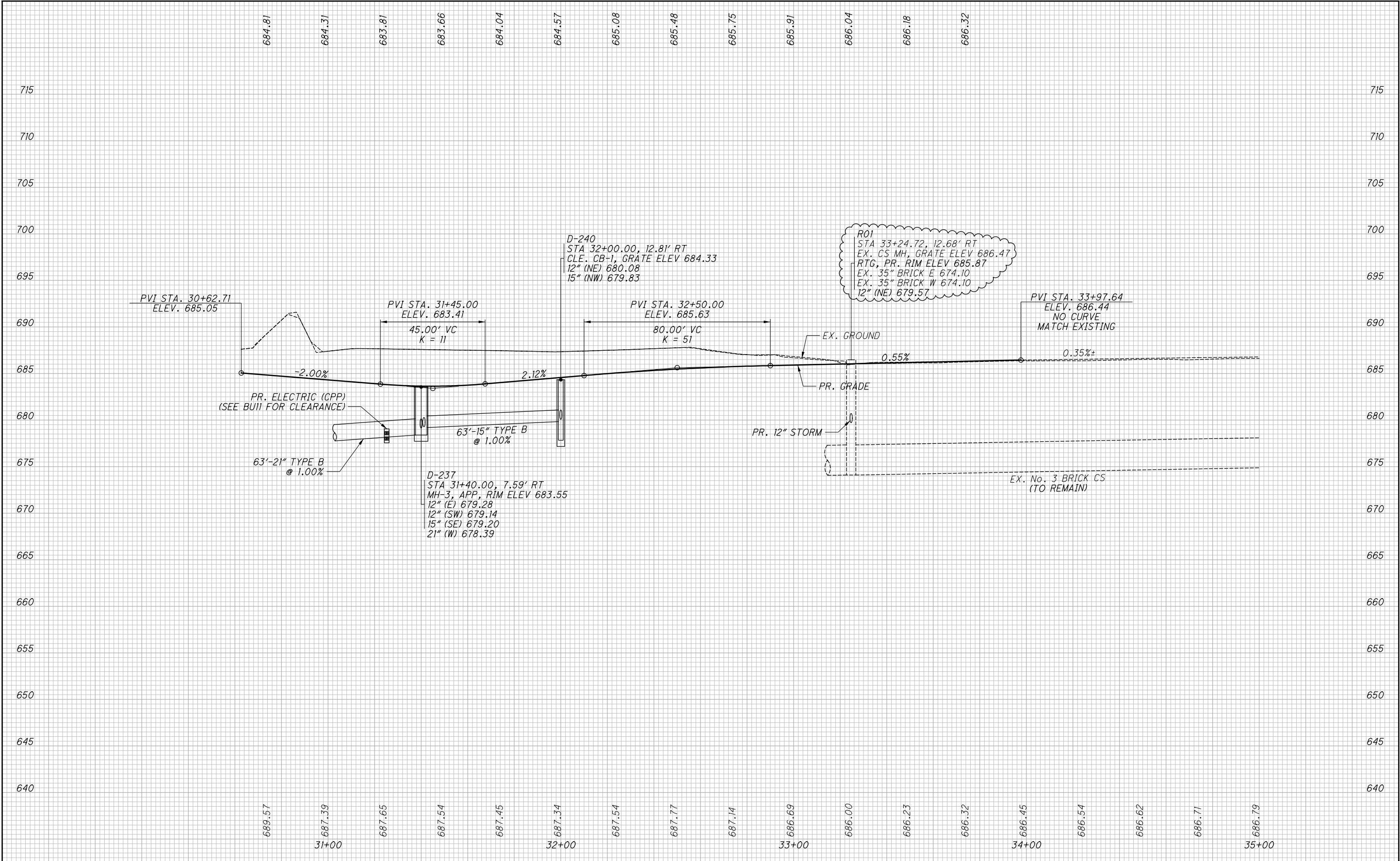
RECORD PLANS



0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
ISSUE RECORD		



93  
437



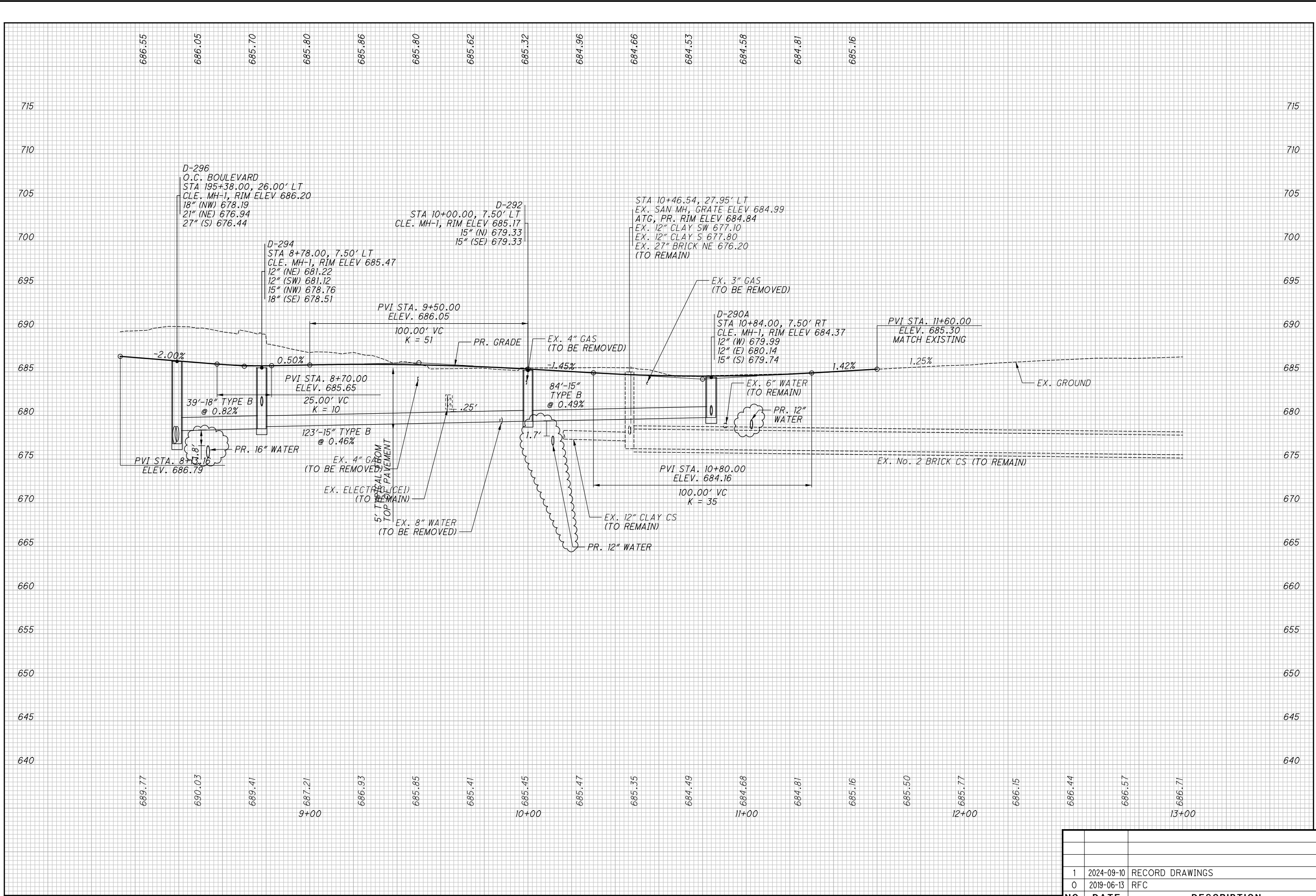
NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
		ISSUE RECORD

PROFILE - RAWLINGS AVE.  
BEGIN TO STA. 35+00.00

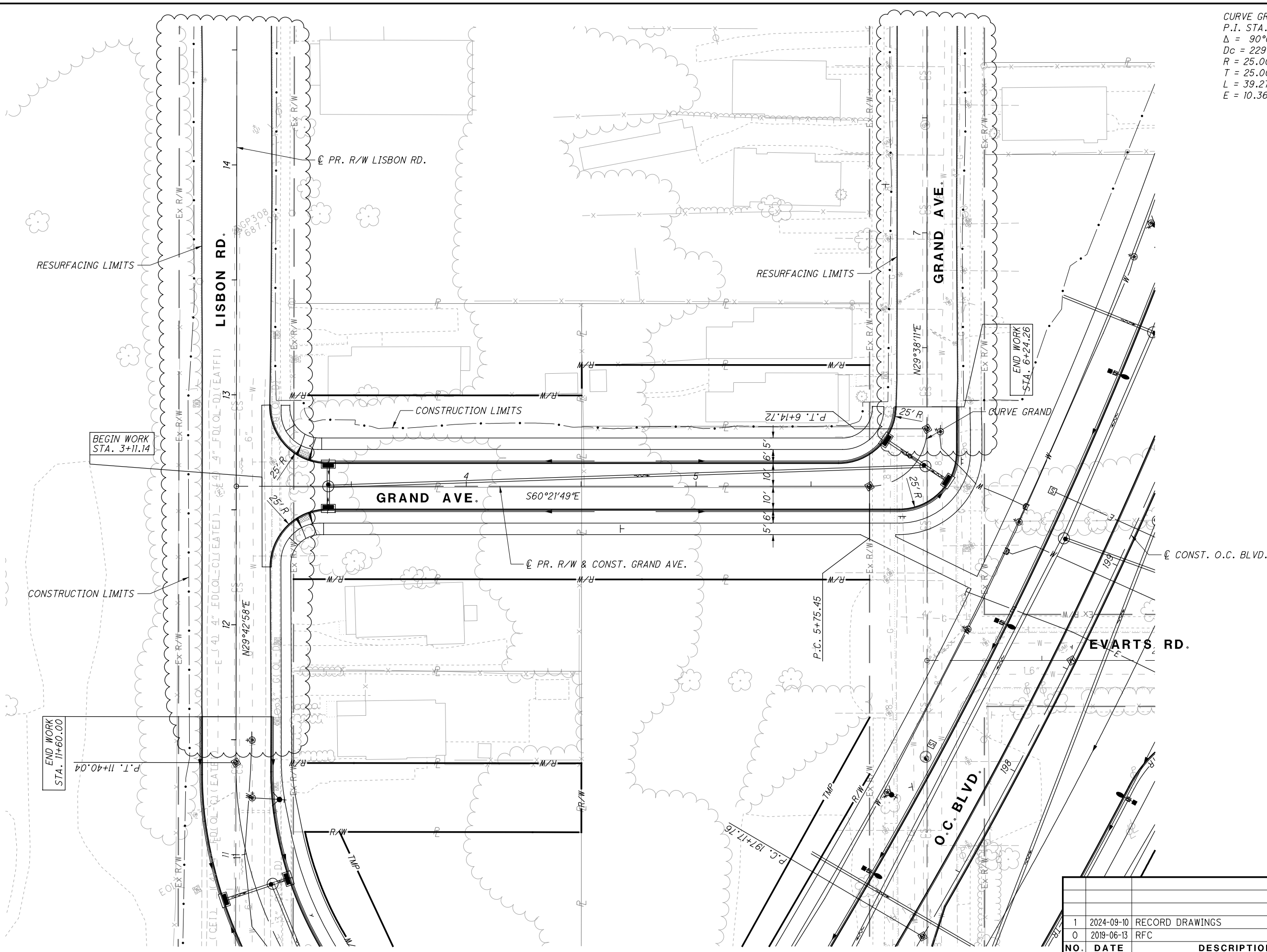
CUY-IR490/ SR010-  
2.09 / 19.28

CALCULATED  
JTH  
CHECKED  
SM





ISSUE RECORD		
NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC



CURVE GRAND  
P.I. STA. 6+00.45  
 $\Delta = 90^{\circ}00'00''$   
 $Dc = 229^{\circ}10'59''$   
 $R = 25.00'$   
 $T = 25.00'$   
 $L = 39.27'$   
 $E = 10.36'$

NO.		DATE	DESCRIPTION
1		2024-09-10	RECORD DRAWINGS
0		2019-06-13	RFC
			ISSUE RECORD

CUY-IR490/ SR010-  
2.09 / 19.28

PLAN - GRAND AVE.  
BEGIN TO END

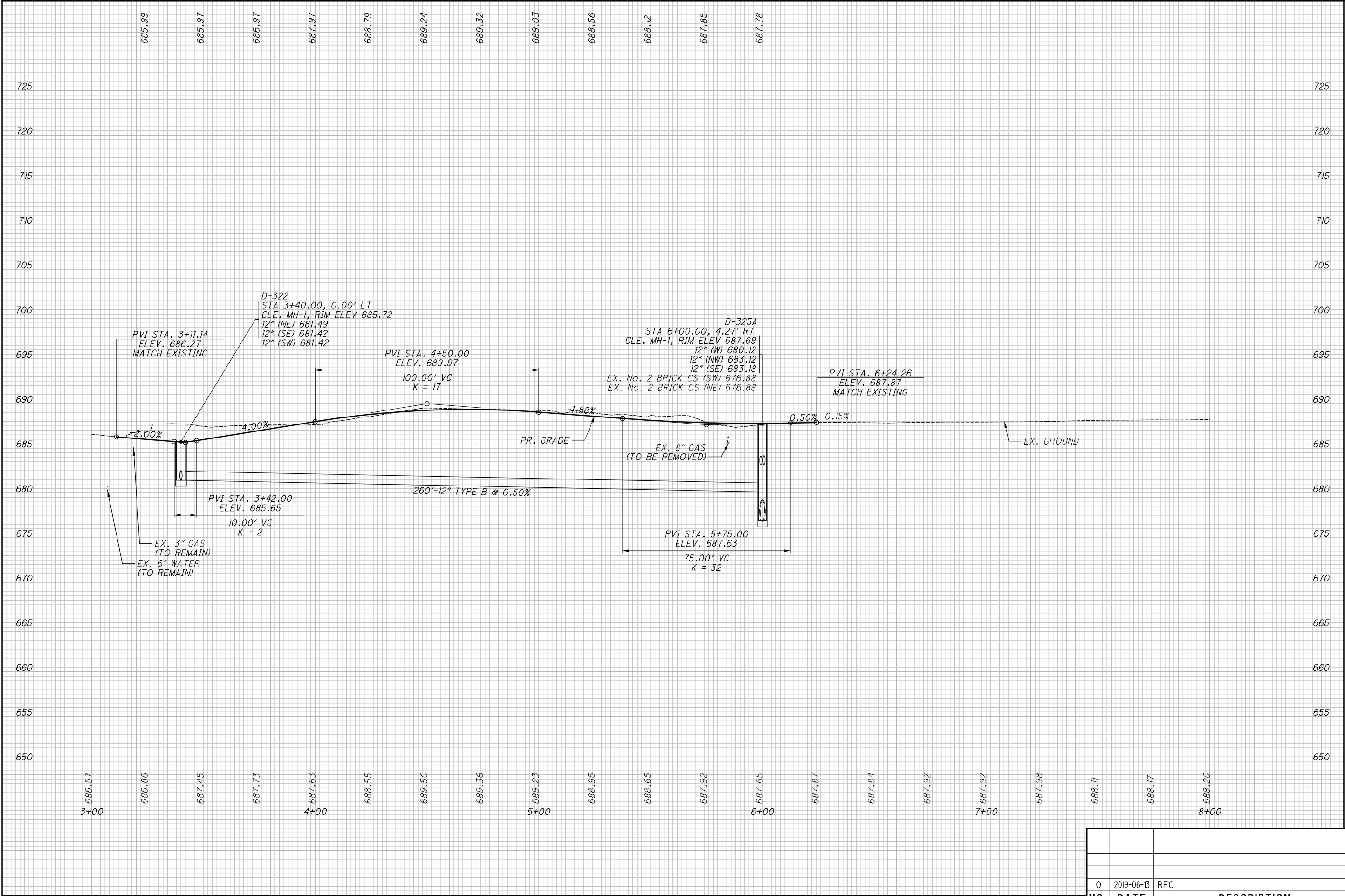
RECORD PLANS

CALCULATED  
JTH  
CHECKED  
SM

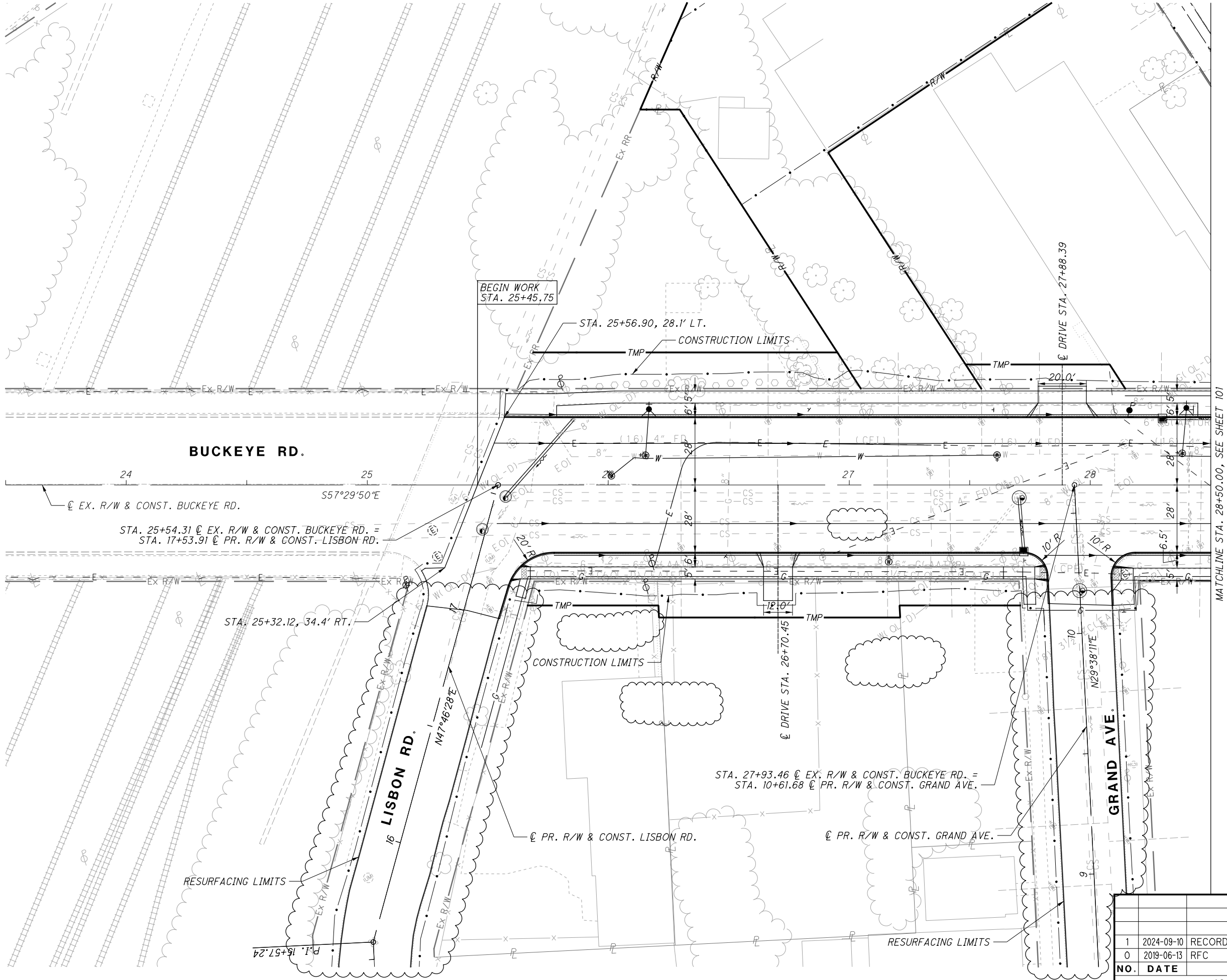
0 20 40  
HORIZONTAL  
SCALE IN FEET







NO.			DATE		DESCRIPTION	
0			2019-06-13		RFC	
					ISSUE RECORD	



NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		

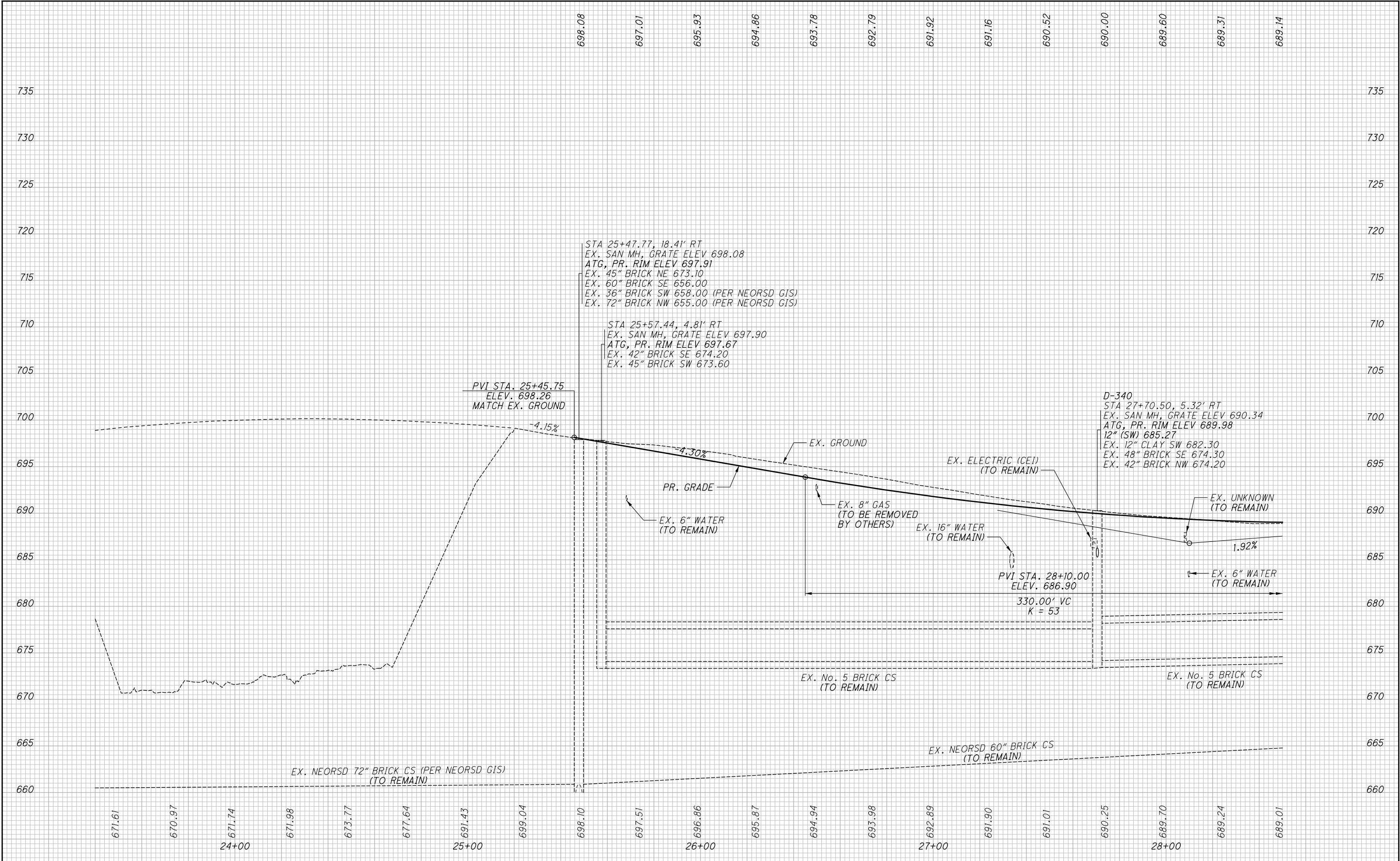
CUY-IR490/ SR010-  
2.09 / 19.28

PLAN - BUCKEYE RD.  
BEGIN TO STA. 28+50.00

CALCULATED  
JTH  
CHECKED  
SM

0 20 40  
HORIZONTAL  
SCALE IN FEET

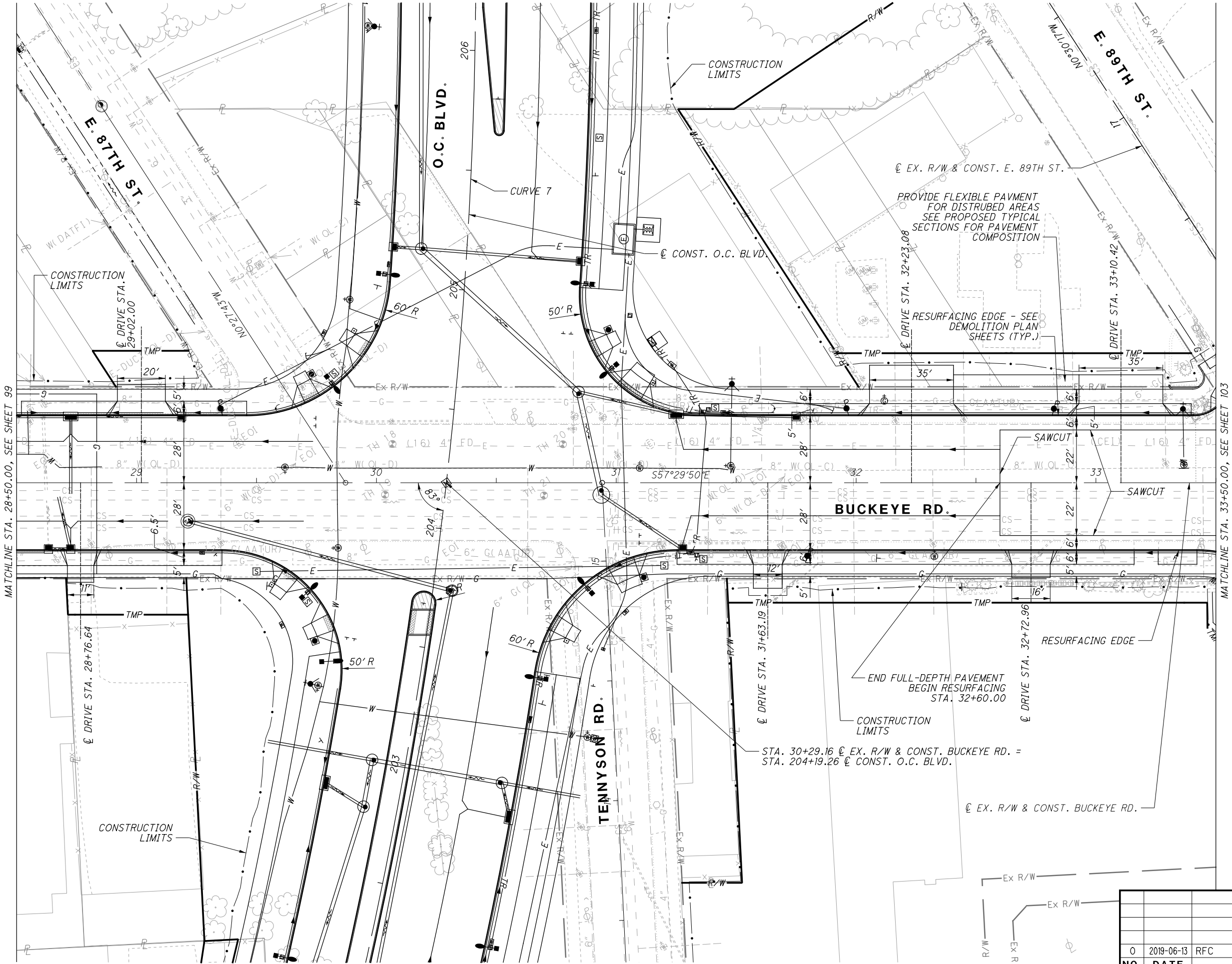
RECORD PLANS



0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
		ISSUE RECORD

PROFILE - BUCKEYE RD.  
BEGIN TO STA. 28+50.00

CUY-IR490/ SR010-  
2.09 / 19.28



CURVE 7  
P.I. STA. 202+50.48  
 $\Delta = 31^{\circ}10'13''$   
 $Dc = 3^{\circ}00'00''$   
 $R = 1909.86'$   
 $T = 532.71'$   
 $L = 1039.01'$   
 $E = 72.90'$

NO.	DATE	DESCRIPTION
0	2019-06-13	RFC
ISSUE RECORD		

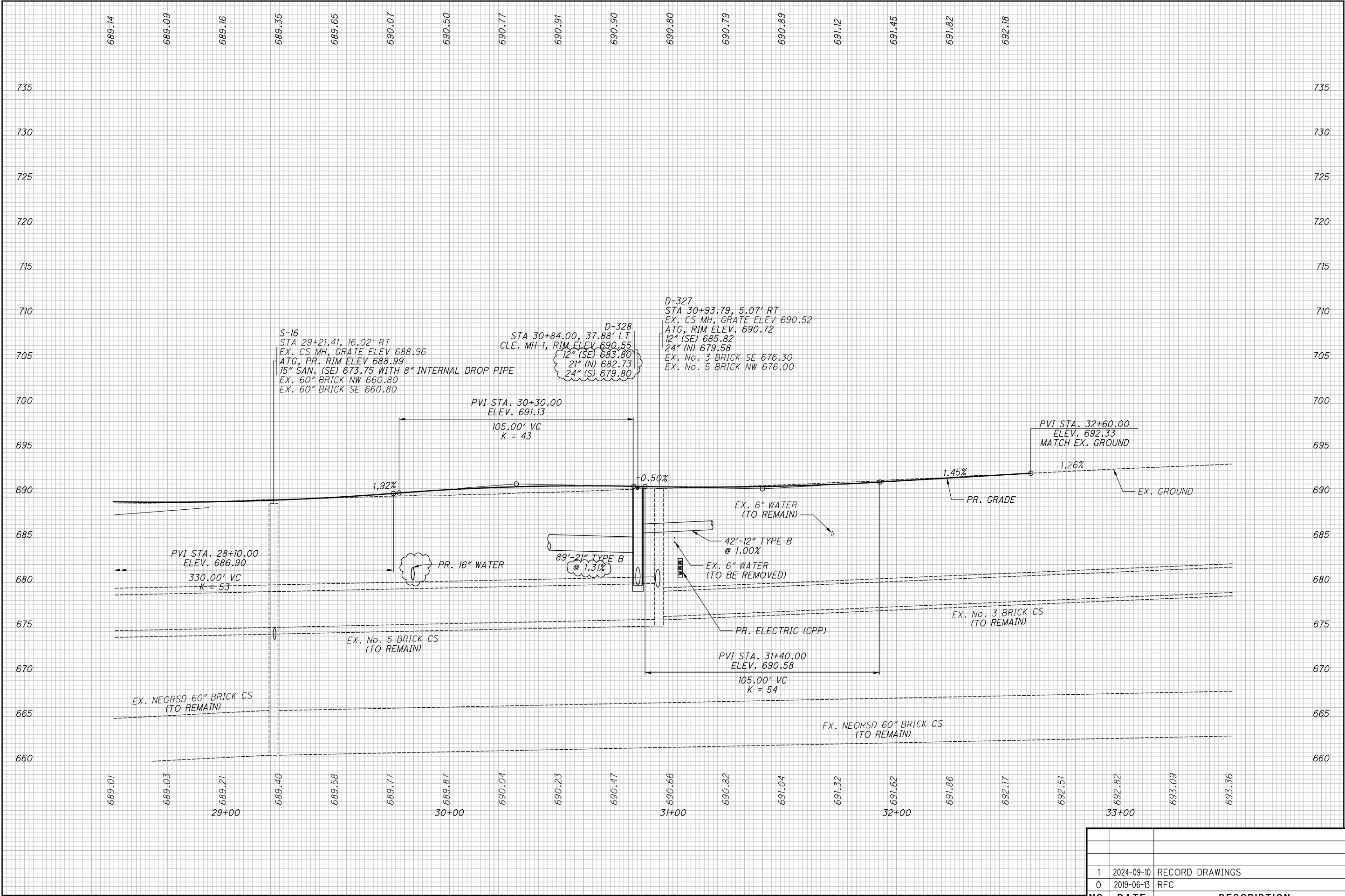
CUY-IR490/ SR010-  
2.09/ 19.28

PLAN - BUCKEYE RD.  
STA. 28+50.00 TO STA. 33+50.00

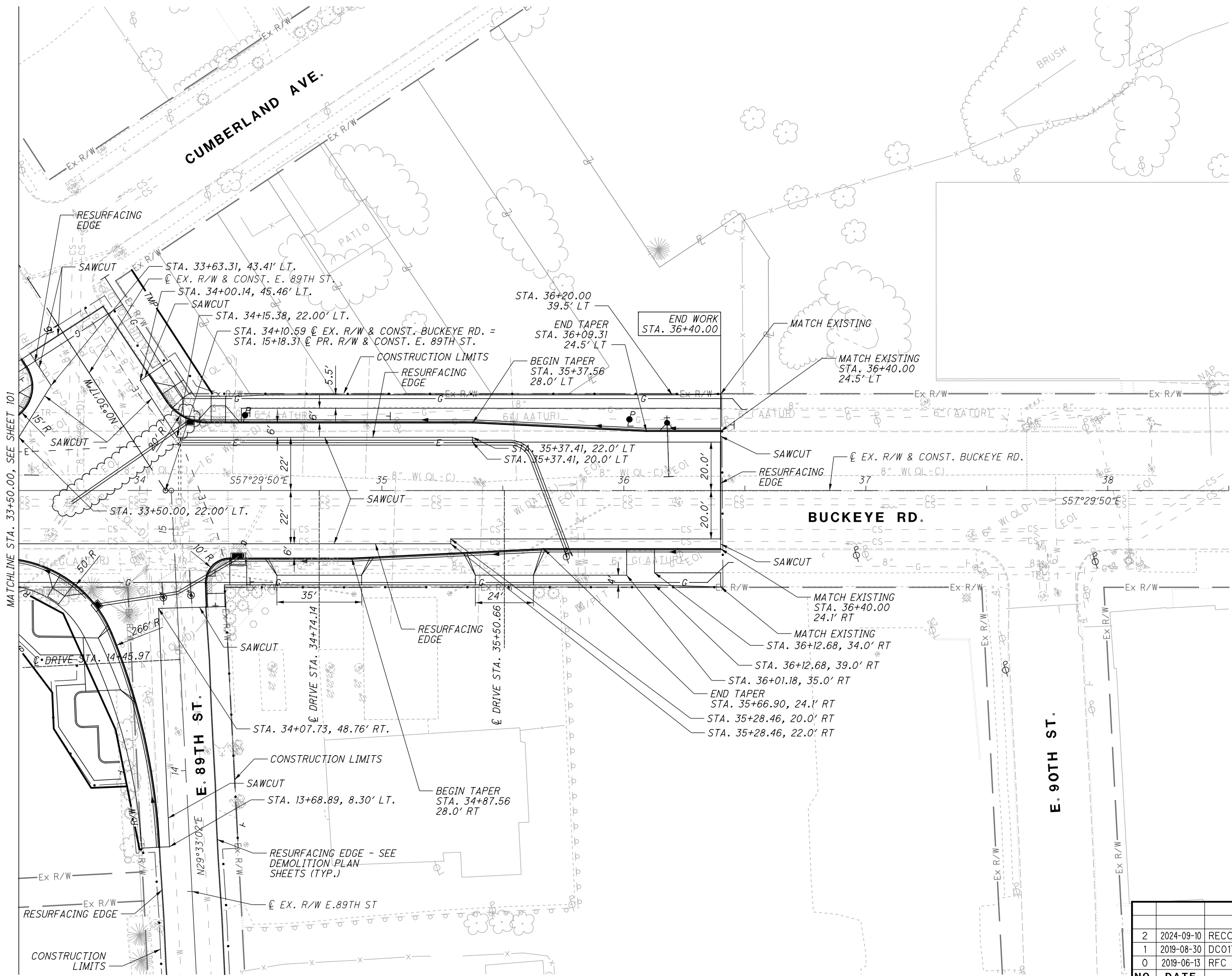
RECORD PLANS  
RECORD PLANS  
RECORD PLANS

0 20 40  
HORIZONTAL  
SCALE IN FEET  
CALCULATED JTH  
CHECKED SM

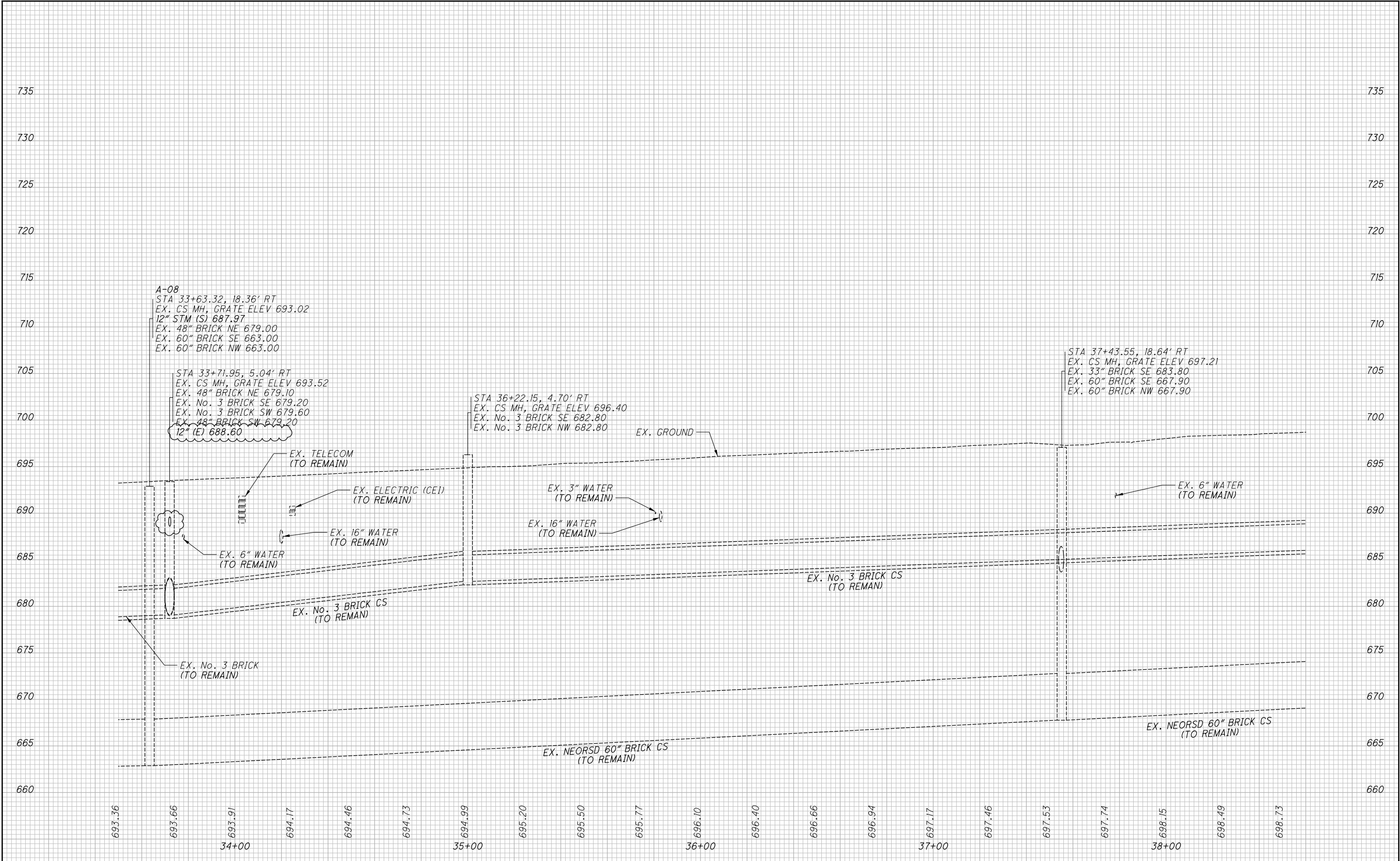




NO.			DATE	DESCRIPTION
1			2024-09-10	RECORD DRAWINGS
0			2019-06-13	RFC
			ISSUE RECORD	

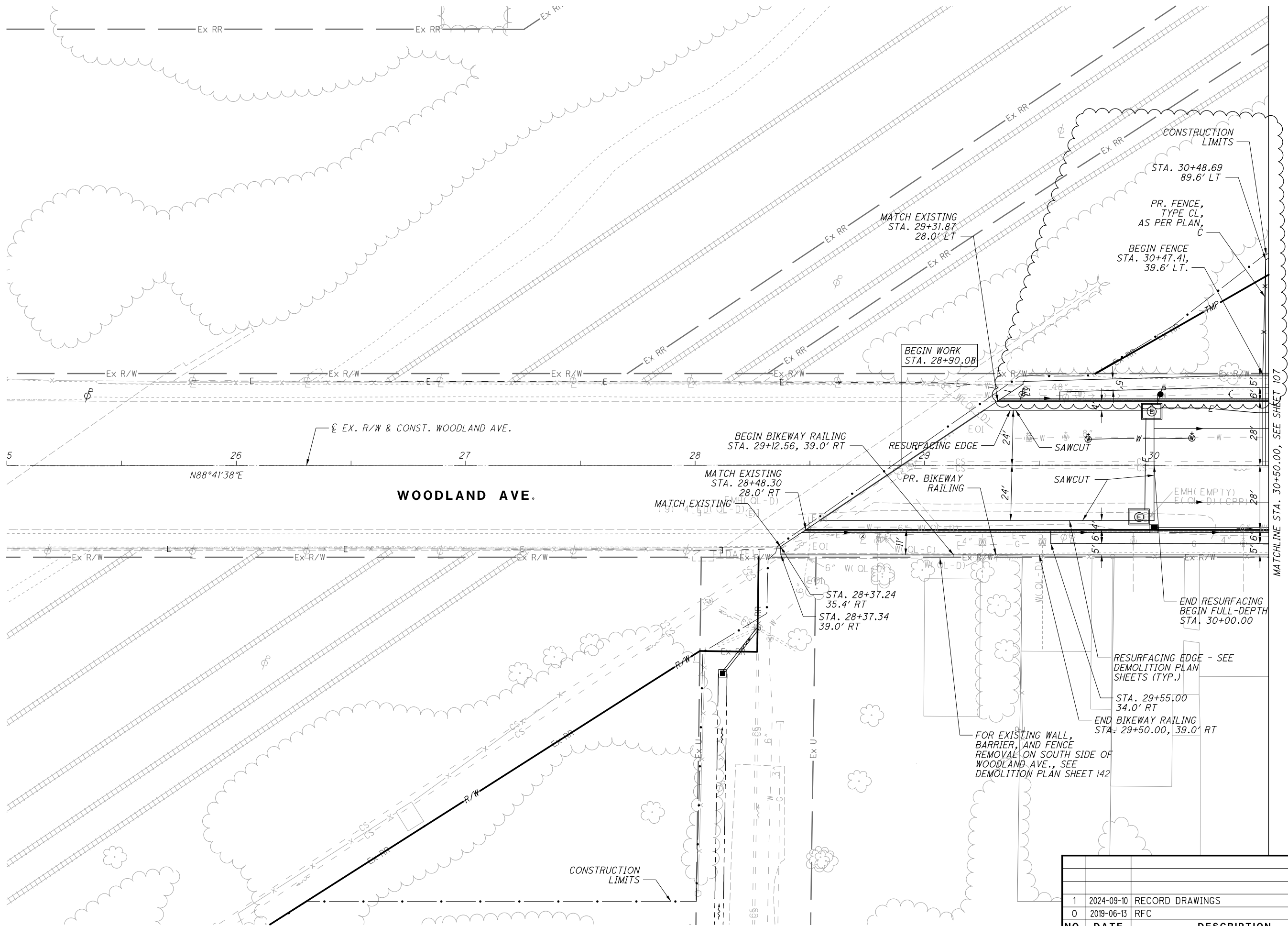


NO.	DATE	DESCRIPTION
2	2024-09-10	RECORD DRAWINGS
1	2019-08-30	DC017
0	2019-06-13	RFC
		ISSUE RECORD

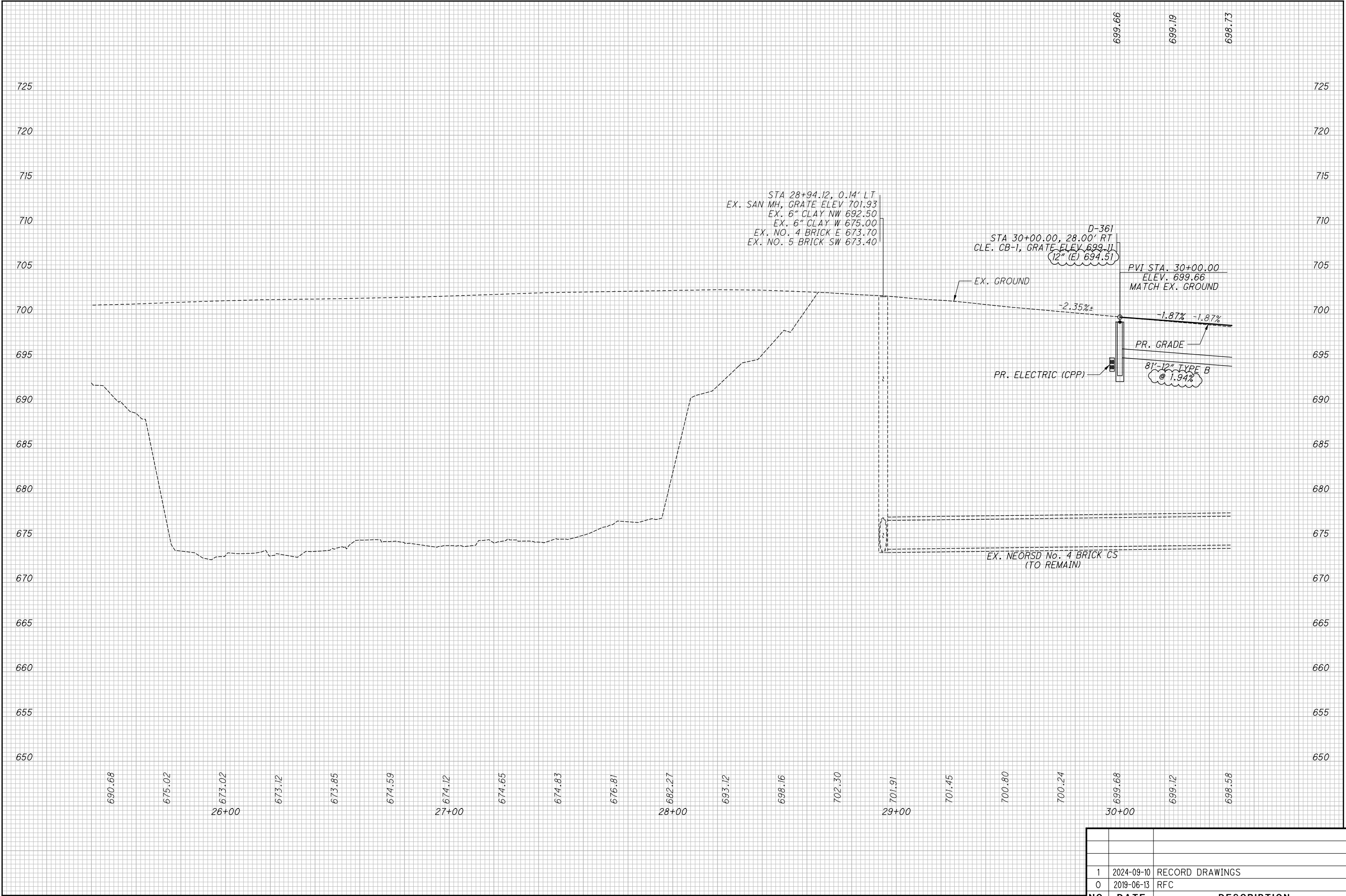


NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		

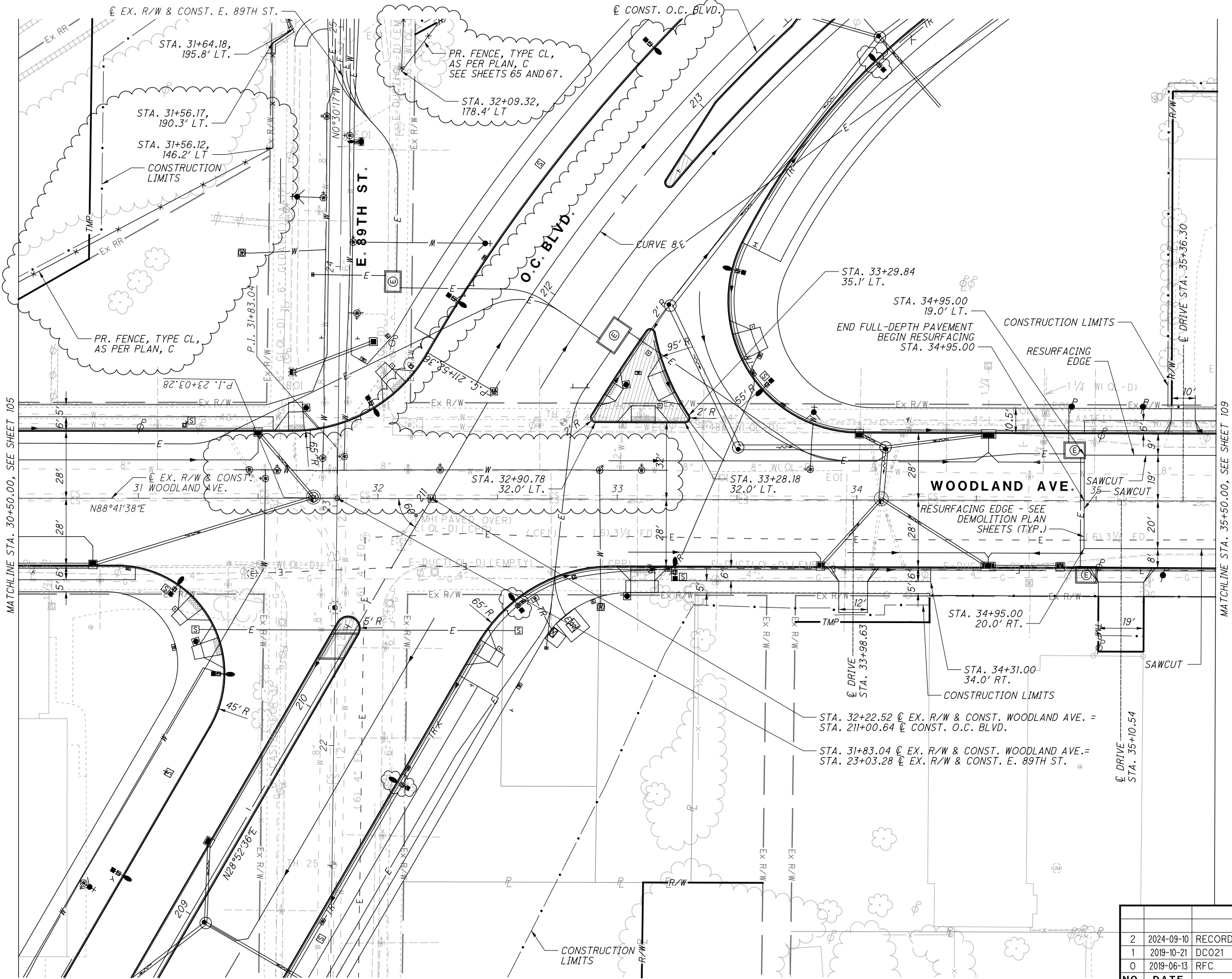




NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		



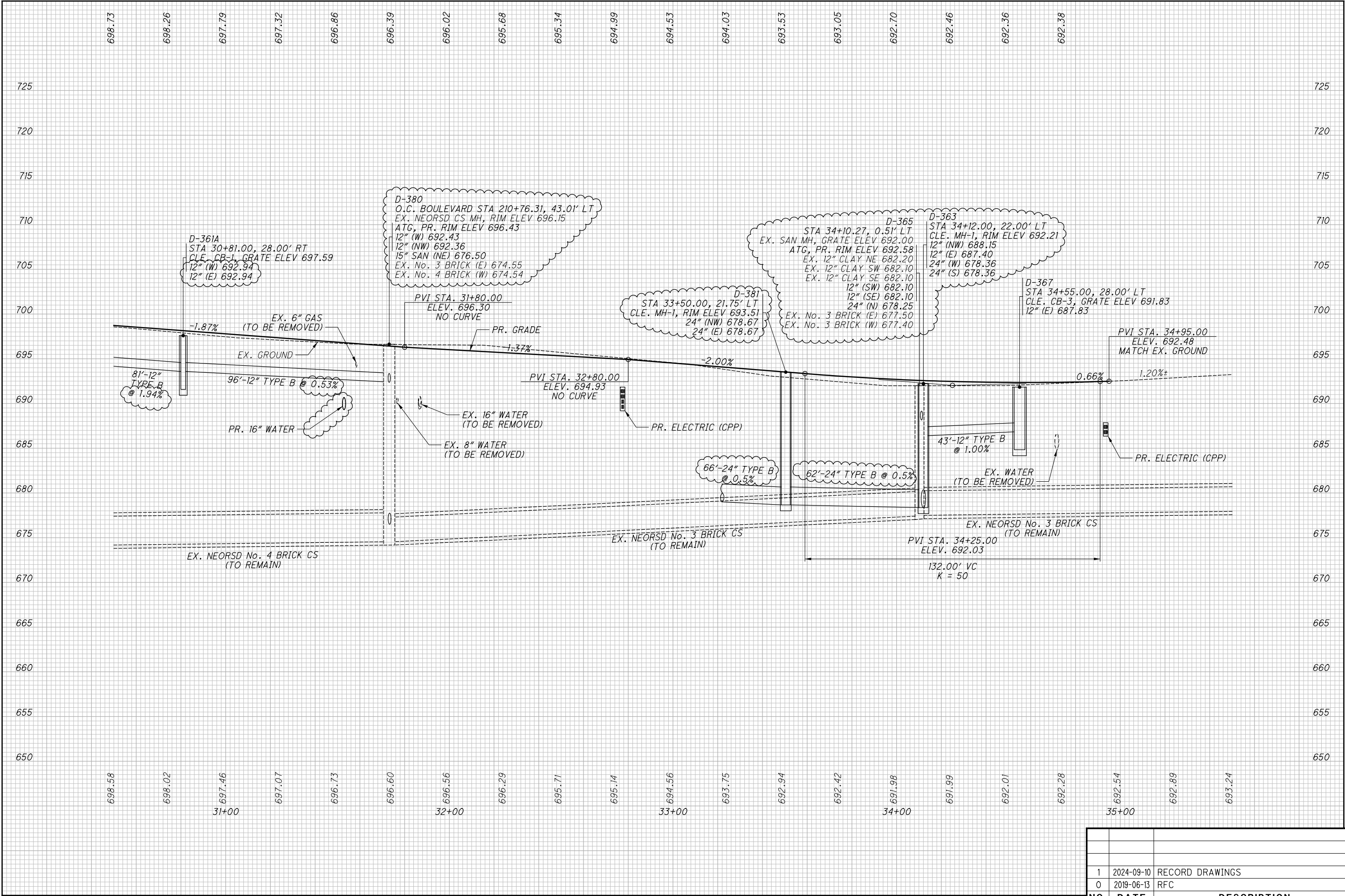
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
ISSUE RECORD		



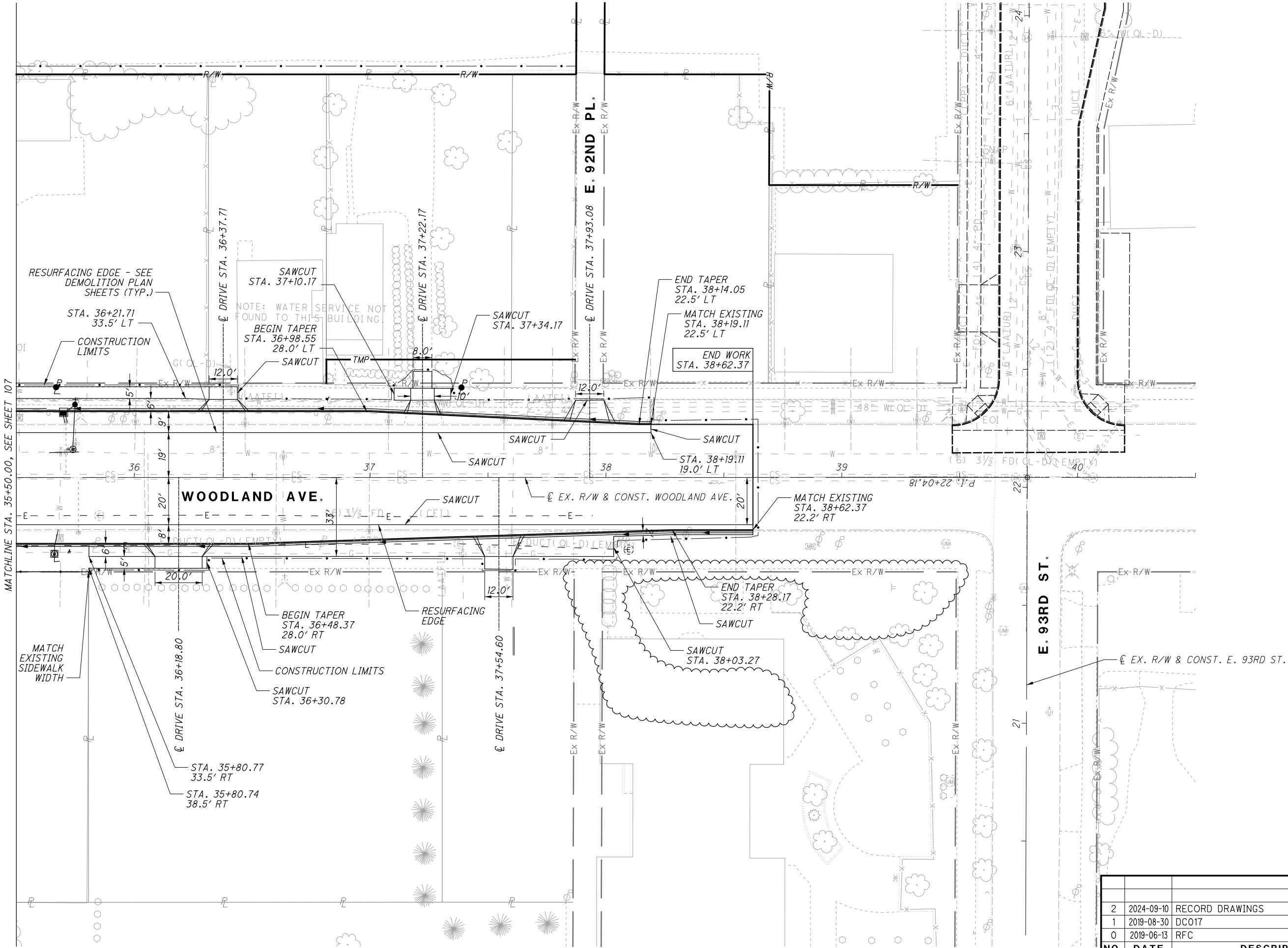
CURVE 8  
P.I. STA. 214+41.51  
Δ = 46°26'07"  
Dc = 8°30'00"  
R = 674.07'  
T = 289.15'  
L = 546.30'  
E = 59.40'

NO.	DATE	DESCRIPTION
2	2024-09-10	RECORD DRAWINGS
1	2019-10-21	DC021
0	2019-06-13	RFC

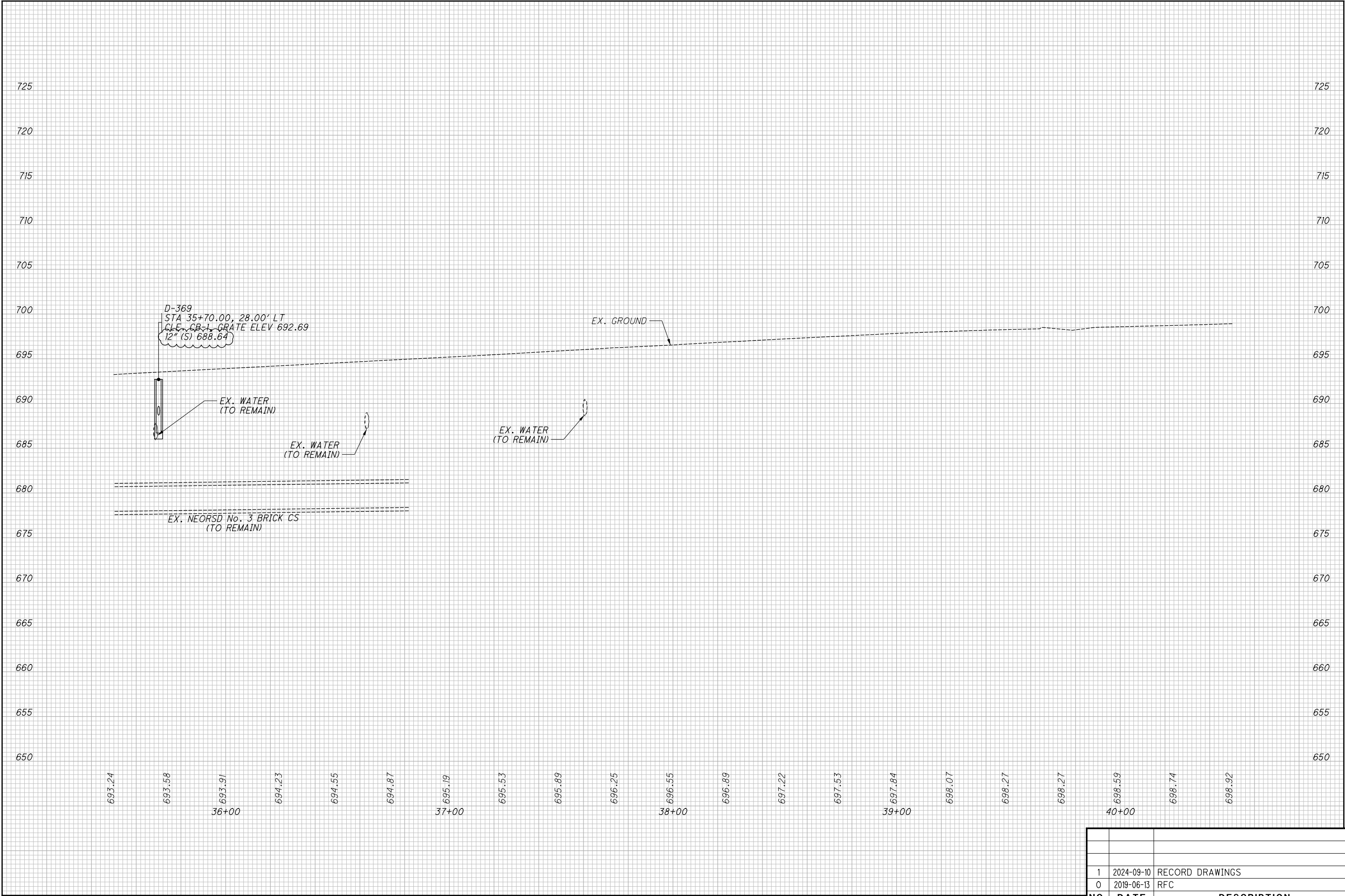
ISSUE RECORD



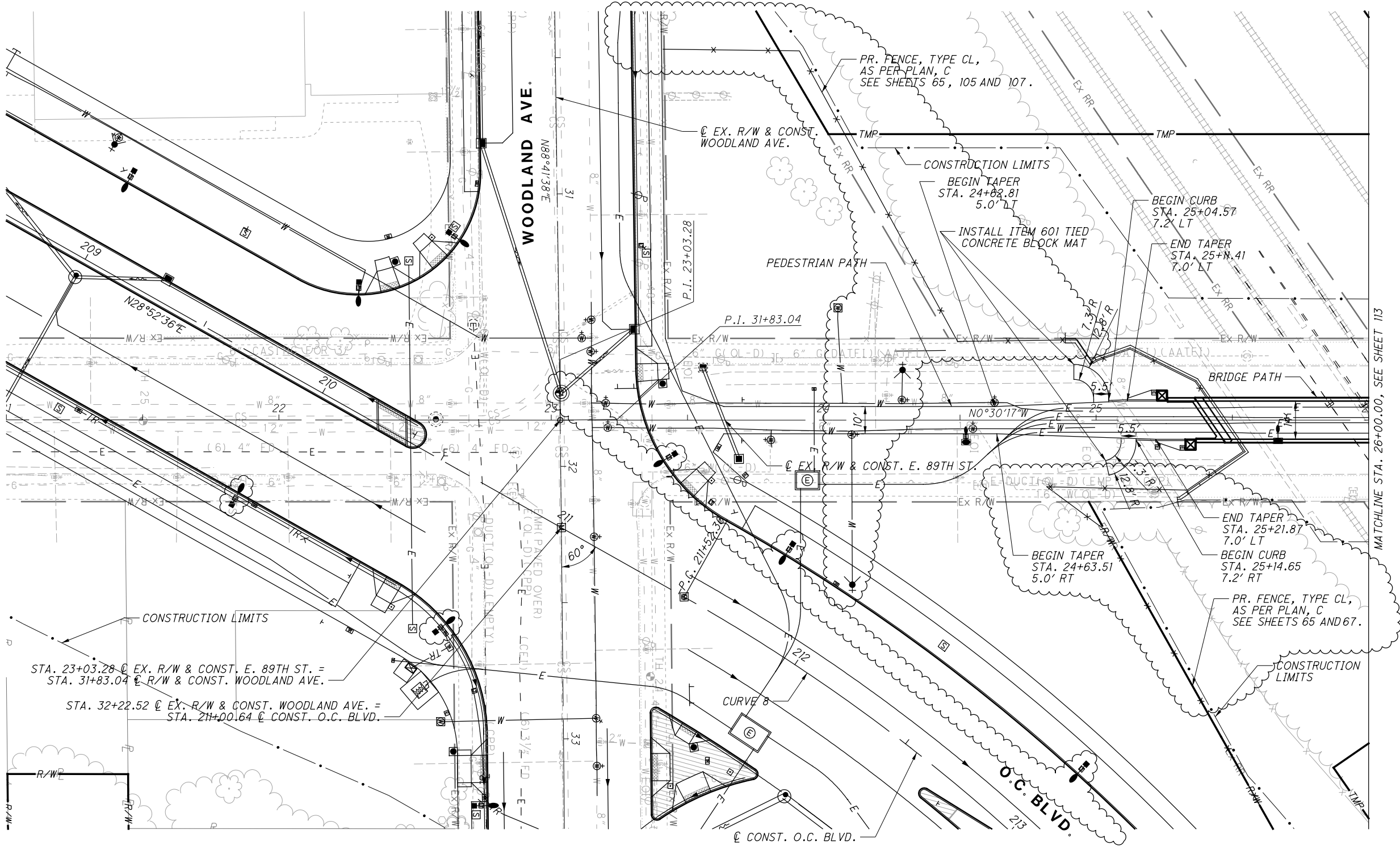
NO.			DATE	DESCRIPTION
1			2024-09-10	RECORD DRAWINGS
0			2019-06-13	RFC
			ISSUE RECORD	



NO.	DATE	DESCRIPTION	
		ISSUE RECORD	
2	2024-09-10	RECORD DRAWINGS	
1	2019-08-30	DC017	
0	2019-06-13	RFC	



1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
ISSUE RECORD		



CURVE 8  
P.I. STA. 214+41.51  
 $\Delta = 46^\circ 26' 07''$   
 $Dc = 8^\circ 30' 00''$   
 $R = 674.07'$   
 $T = 289.15'$   
 $L = 546.30'$   
 $E = 59.40'$   
 $SE = RC$

CALCULATED  
JTH  
CHECKED  
SM

0 20 40  
HORIZONTAL  
SCALE IN FEET

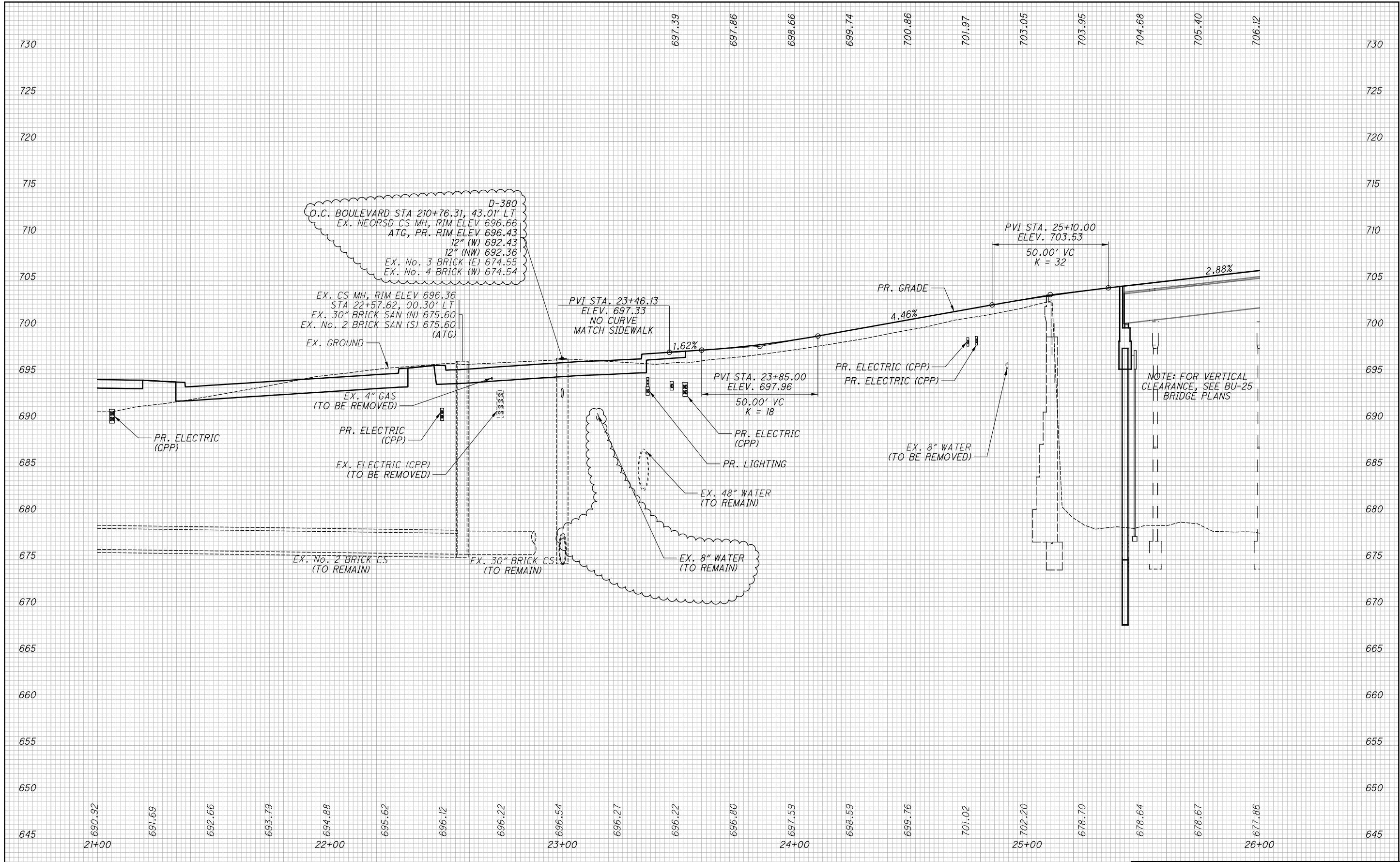
RECORD PLANS

PLAN - E. 89TH ST. PATH  
BEGIN TO STA. 26+00.00

CUY-IR490/ SR010-  
2.09 / 19.28

NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		





NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
		ISSUE RECORD

CALCULATED  
JTH

CHECKED  
SM

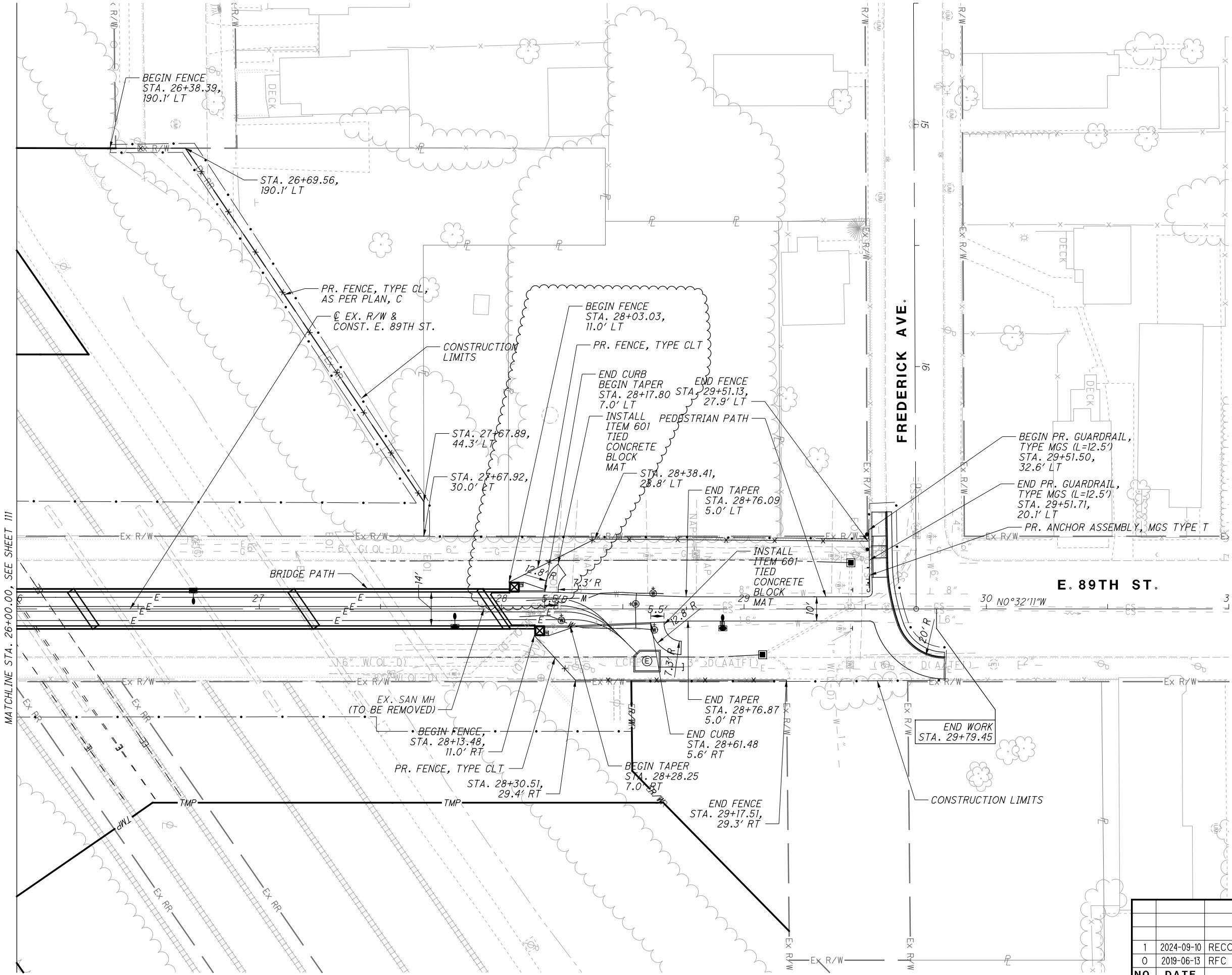
PROFILE - E. 89TH ST. PATH  
BEGIN TO STA. 26+00.00

CUY-IR490/ SR010-  
2.09 / 19.28

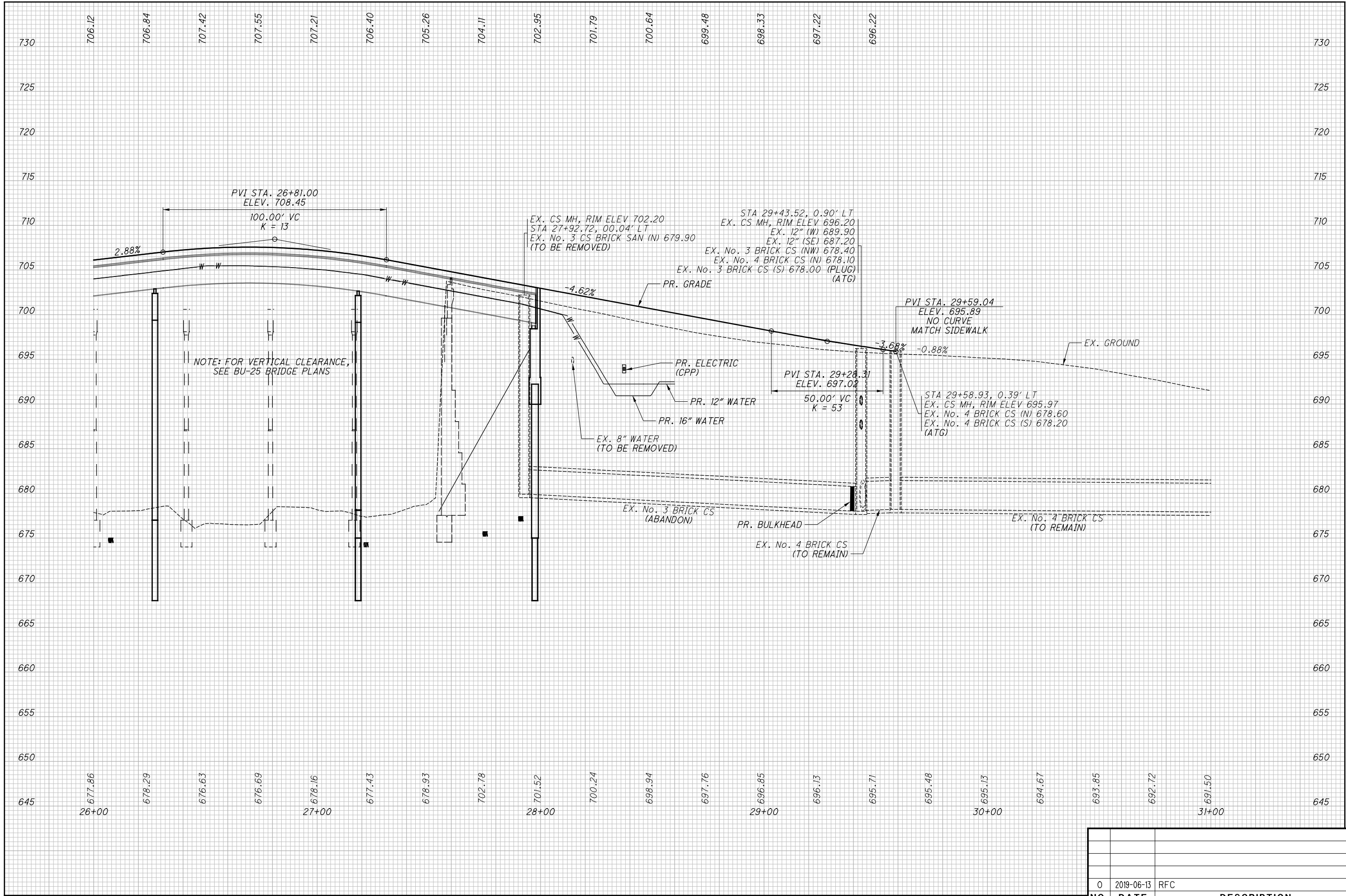
112  
437

RECORD PLANS

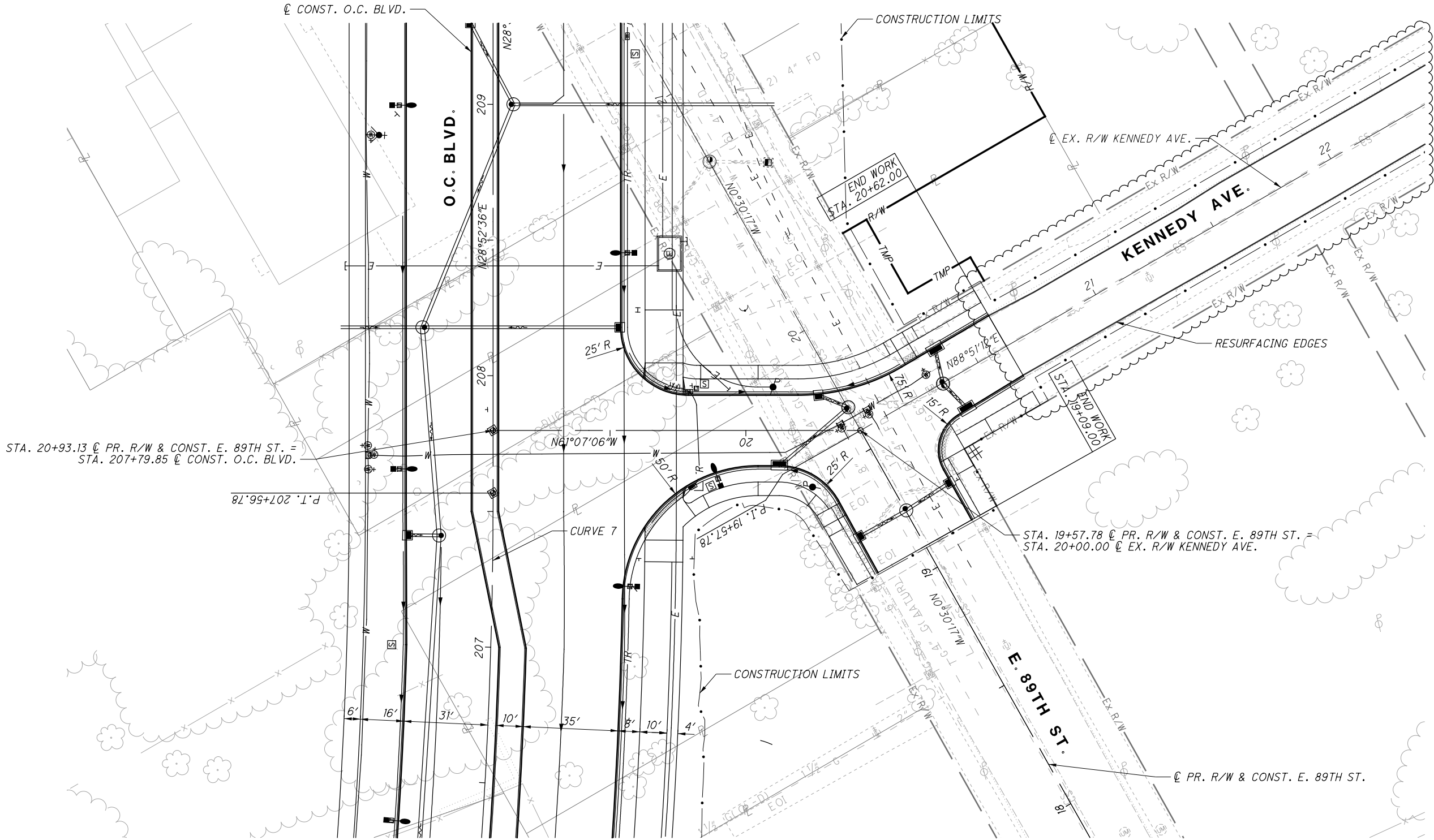
RECORD PLANS



NO.	DATE	DESCRIPTION	
		ISSUE RECORD	
1	2024-09-10	RECORD DRAWINGS	
0	2019-06-13	RFC	

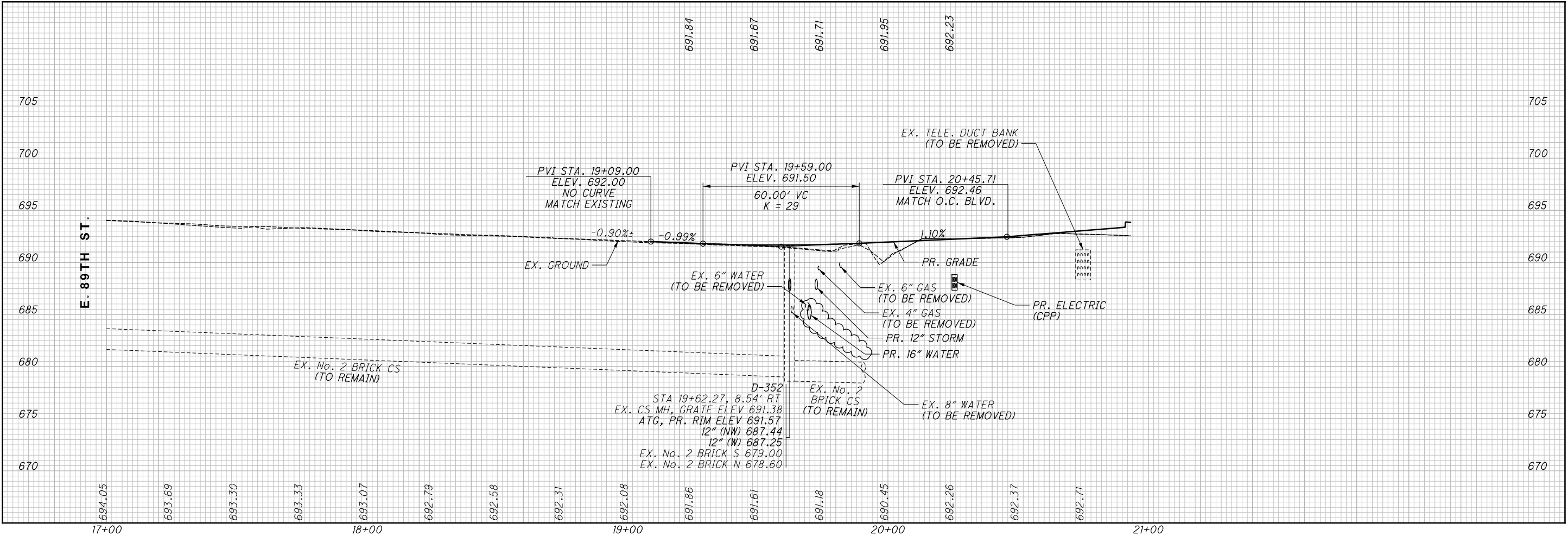
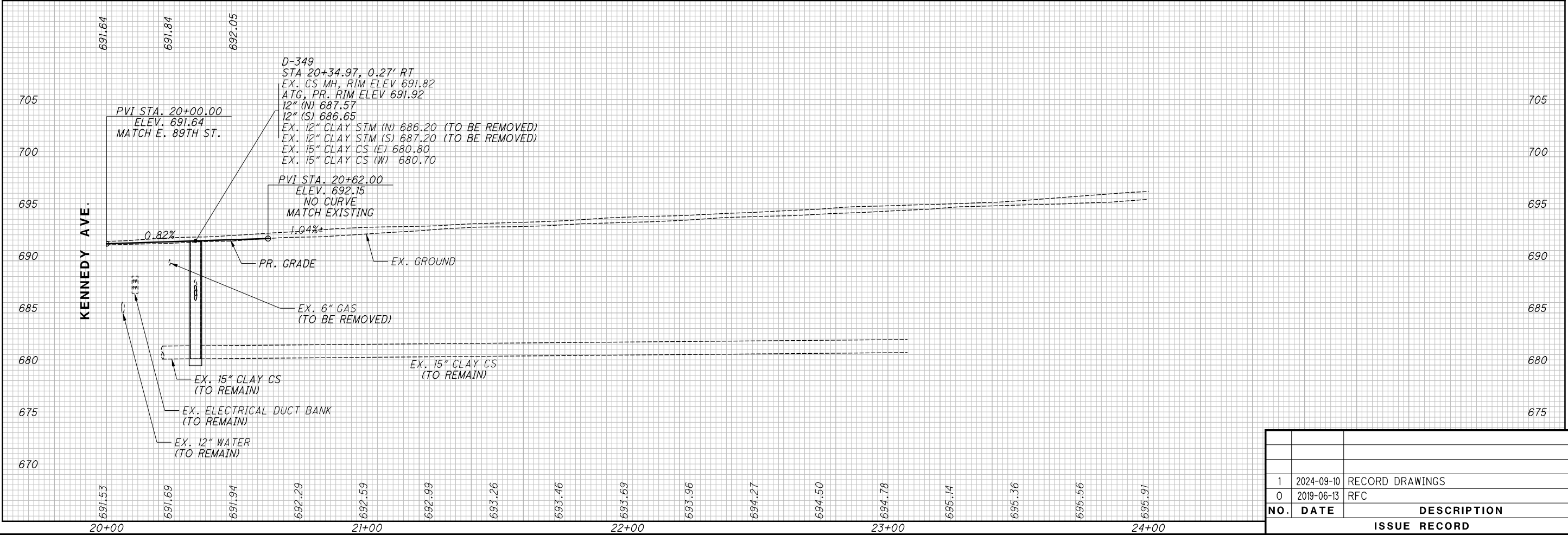


0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
ISSUE RECORD		



CURVE 7  
P.I. STA. 202+50.48  
 $\Delta = 31^{\circ}10'13''$   
 $Dc = 3^{\circ}00'00''$   
 $R = 1909.86'$   
 $T = 532.71'$   
 $L = 1039.01'$   
 $E = 72.90'$

NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		



NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC

PAVEMENT  
REMOVED

WALK  
REMOVED

PAVEMENT  
RESURFACING

xxxxxxx

CONDUIT REMOVED

|||||||

CONDUIT ABANDONED

○

ADJUST TO GRADE

△

RECONSTRUCT TO GRADE

×

ITEM TO BE REMOVED

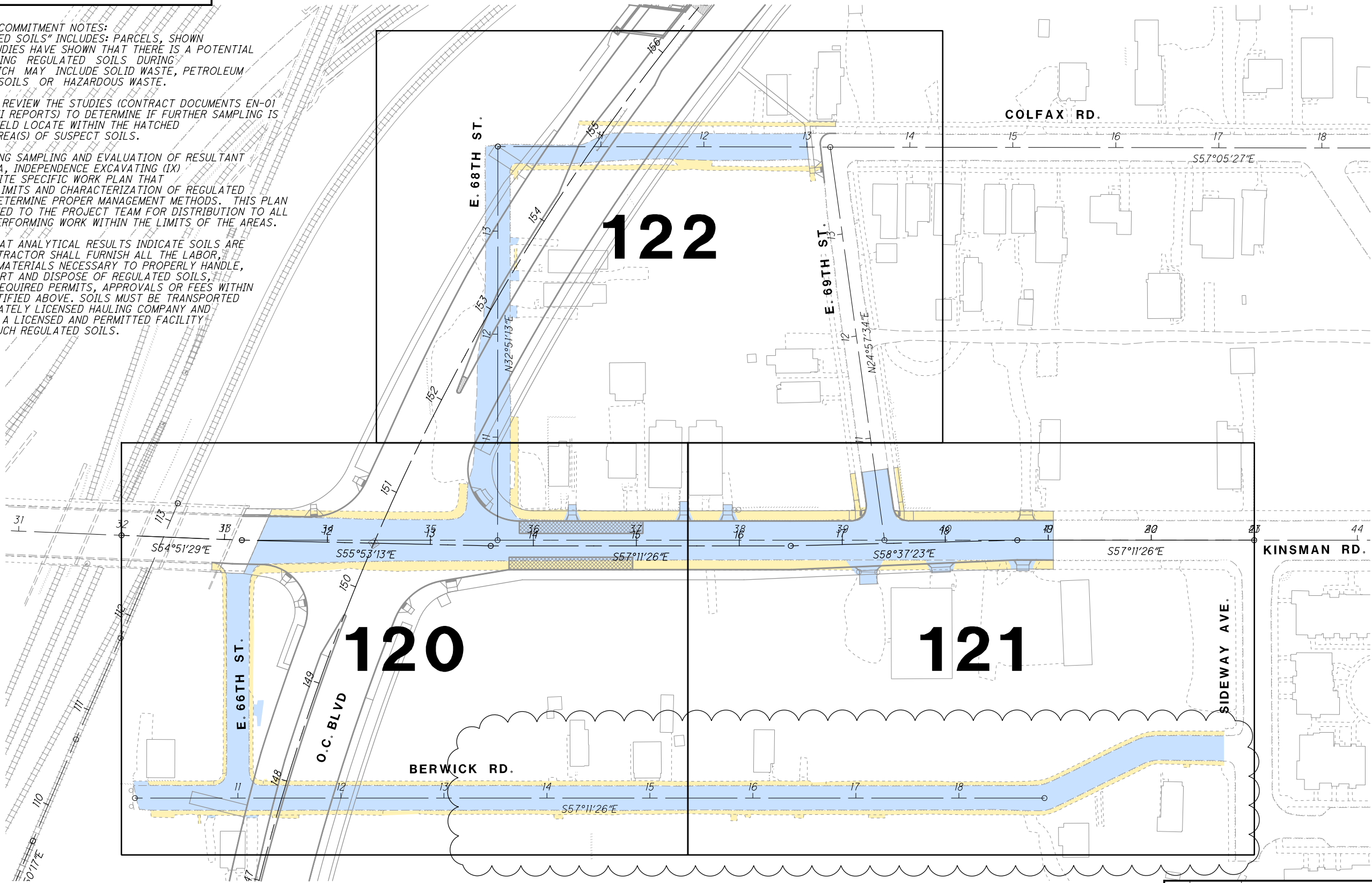
FOR ADDITIONAL SITE CLEARING DETAILS,  
SEE SITE SPECIFIC REQUIREMENTS, SHEETS 35 AND 36.

ENVIRONMENTAL COMMITMENT NOTES:  
"KNOWN REGULATED SOILS" INCLUDES: PARCELS, SHOWN AS HATCHED. STUDIES HAVE SHOWN THAT THERE IS A POTENTIAL FOR ENCOUNTERING REGULATED SOILS DURING EXCAVATION WHICH MAY INCLUDE SOLID WASTE, PETROLEUM CONTAMINATED SOILS OR HAZARDOUS WASTE.

CONTRACTOR TO REVIEW THE STUDIES (CONTRACT DOCUMENTS EN-01 AND EN-14, ESA II REPORTS) TO DETERMINE IF FURTHER SAMPLING IS REQUIRED AND FIELD LOCATE WITHIN THE HATCHED PARCEL(S) THE AREA(S) OF SUSPECT SOILS.

AFTER CONDUCTING SAMPLING AND EVALUATION OF RESULTANT ANALYTICAL DATA, INDEPENDENCE EXCAVATING (IX) WILL SUBMIT A SITE SPECIFIC WORK PLAN THAT IDENTIFIES THE LIMITS AND CHARACTERIZATION OF REGULATED MATERIALS TO DETERMINE PROPER MANAGEMENT METHODS. THIS PLAN WILL BE SUBMITTED TO THE PROJECT TEAM FOR DISTRIBUTION TO ALL CONTRACTORS PERFORMING WORK WITHIN THE LIMITS OF THE AREAS.

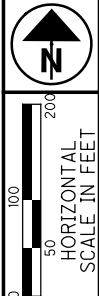
IN THE EVENT THAT ANALYTICAL RESULTS INDICATE SOILS ARE REGULATED, CONTRACTOR SHALL FURNISH ALL THE LABOR, EQUIPMENT AND MATERIALS NECESSARY TO PROPERLY HANDLE, STORE, TRANSPORT AND DISPOSE OF REGULATED SOILS, INCLUDING ANY REQUIRED PERMITS, APPROVALS OR FEES WITHIN THE LIMITS IDENTIFIED ABOVE. SOILS MUST BE TRANSPORTED BY AN APPROPRIATELY LICENSED HAULING COMPANY AND DISPOSED OF AT A LICENSED AND PERMITTED FACILITY ACCEPTING OF SUCH REGULATED SOILS.



NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
		ISSUE RECORD



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PAVEMENT  
REMOVED

WALK  
REMOVED

PAVEMENT  
RESURFACING

xxxxxxx

CONDUIT REMOVED

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CONDUIT ABANDONED

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ADJUST TO GRADE

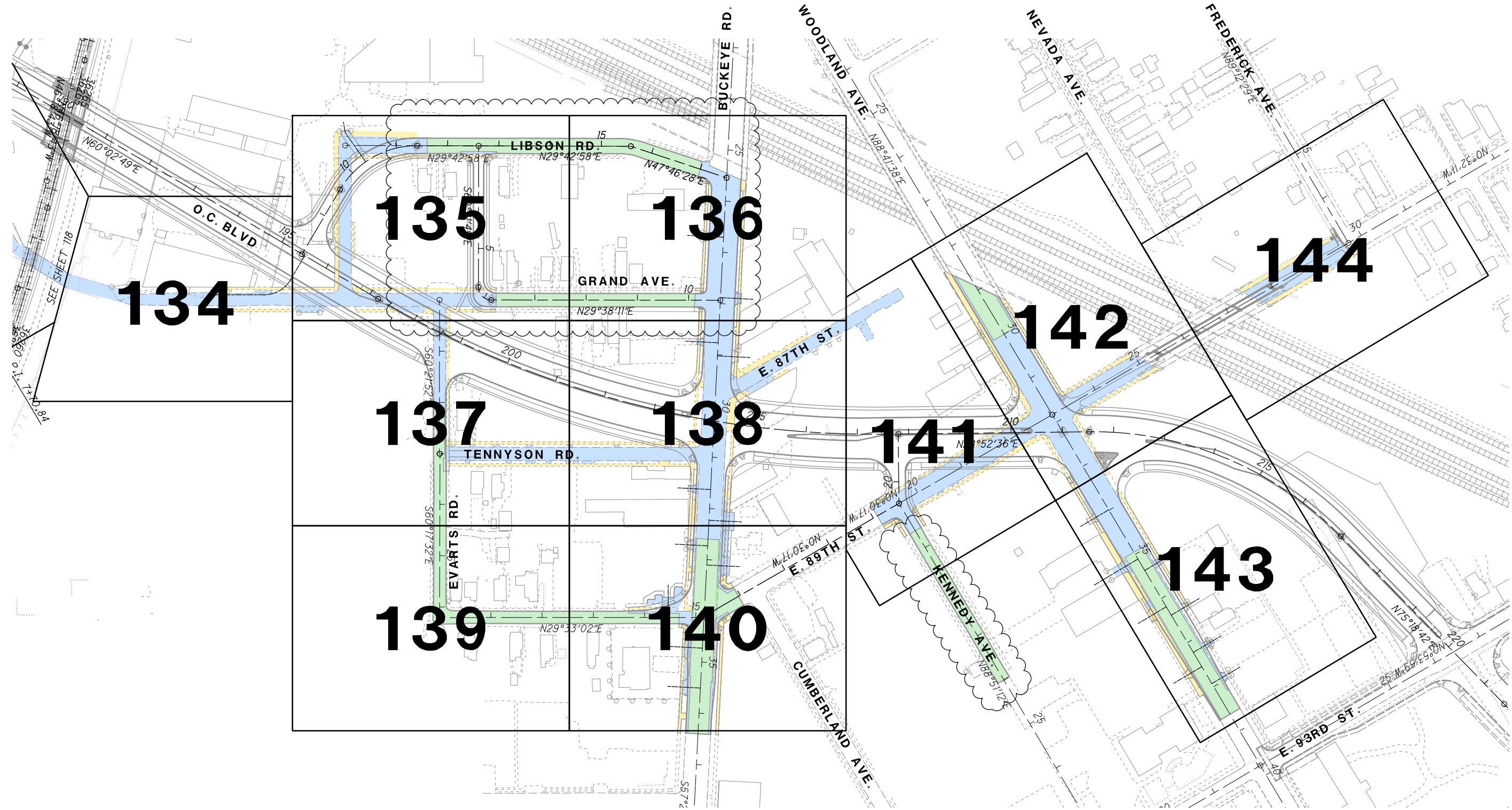
△

RECONSTRUCT TO GRADE

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ITEM TO BE REMOVED

FOR ADDITIONAL SITE CLEARING DETAILS,  
SEE SITE SPECIFIC REQUIREMENTS, SHEETS 35 AND 36.



NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		

CUY-IR490/ SR010-  
2.09 / 19.28

119  
437

DEMOLITION PLAN  
KEY MAP (3 OF 3)

RECORD PLANS

CALCULATED  
JTH

CHECKED  
SM

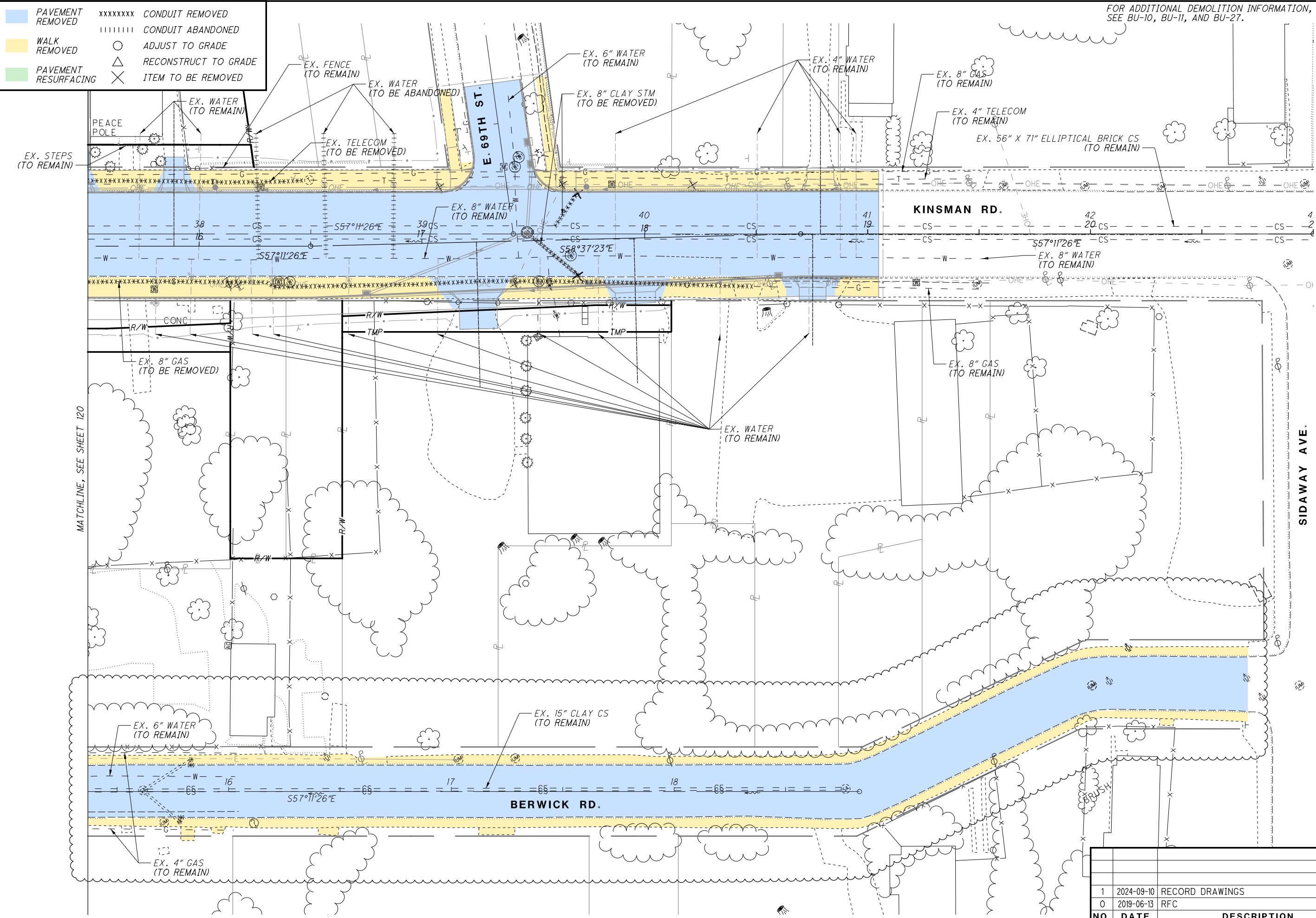
0  
50  
100  
200

HORIZONTAL  
SCALE IN FEET

RECORD PLANS







NO.		DATE	DESCRIPTION
1		2024-09-10	RECORD DRAWINGS
0		2019-06-13	RFC
ISSUE RECORD			

CUY-IR490/ SR010-2.09/ 19.28

121  
437

DEMOLITION PLAN  
KINSMAN RD. / E. 69TH ST.

RECORD PLANS

CALCULATED GSH CHECKED SM

RECORD PLANS

FOR ADDITIONAL DEMOLITION INFORMATION, SEE BU-10, BU-11, AND BU-27.

0 20 40  
HORIZONTAL SCALE IN FEET



PAVEMENT  
REMOVED

WALK  
REMOVED

PAVEMENT  
RESURFACING

xxxxxxx

CONDUIT REMOVED

|||||||

CONDUIT ABANDONED

○

ADJUST TO GRADE

△

RECONSTRUCT TO GRADE

×

ITEM TO BE REMOVED

FOR ADDITIONAL DEMOLITION INFORMATION,  
SEE BU-10, BU-11, AND BU-27.

CALCULATED  
GSH

CHECKED  
SM

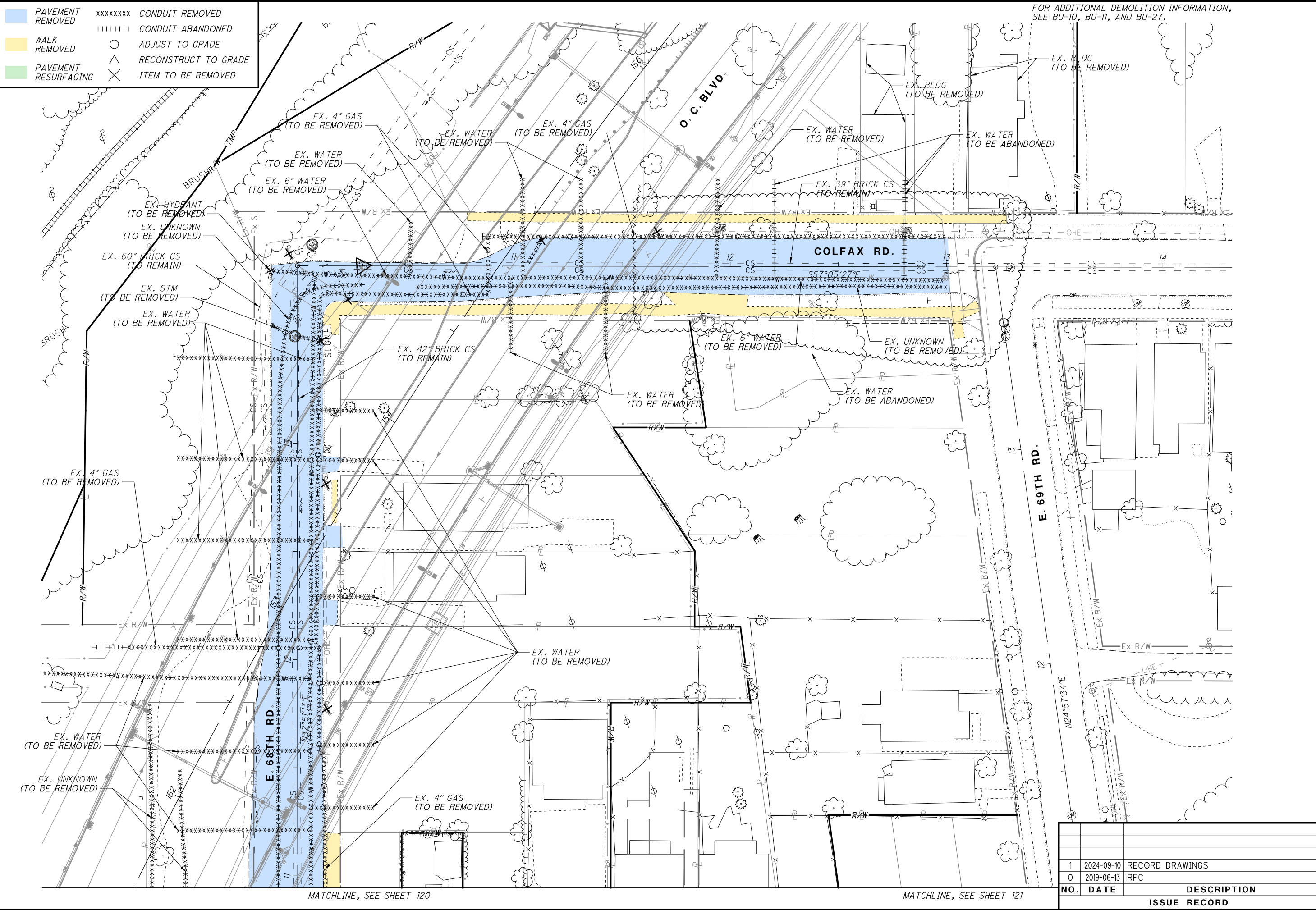
0 20 40

HORIZONTAL  
SCALE IN FEET

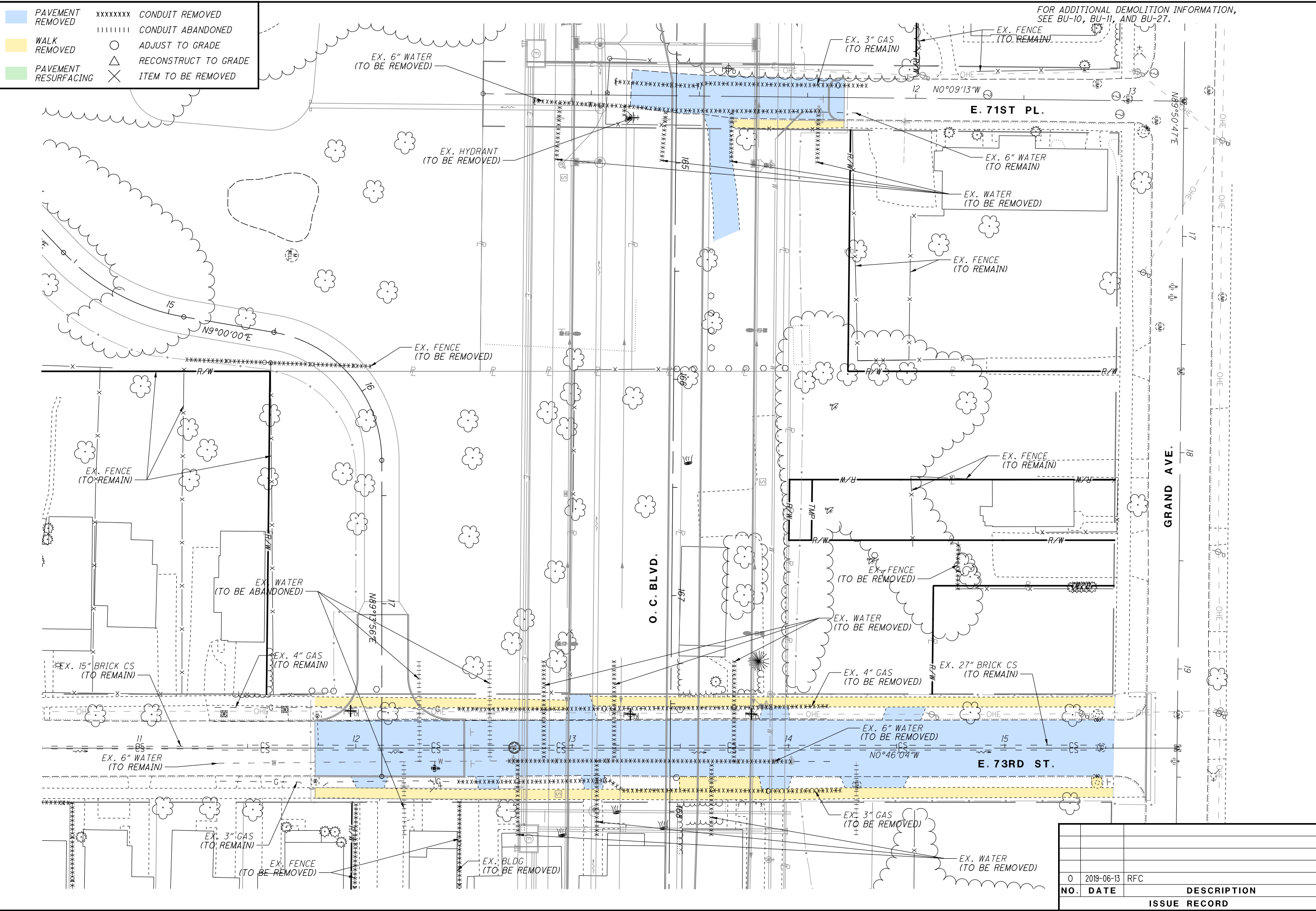
RECORD PLANS

DEMOLITION PLAN  
E. 68TH ST. / COLFAX RD.

CUY-IR490/ SR010-  
2.09 / 19.28  
RECORD PLANS



NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		



ISSUE RECORD		
NO.	DATE	DESCRIPTION
0	2019-06-13	RFC



PAVEMENT  
REMOVED

WALK  
REMOVED

PAVEMENT  
RESURFACING

xxxxxxx

CONDUIT REMOVED

|||||||

CONDUIT ABANDONED

○

ADJUST TO GRADE

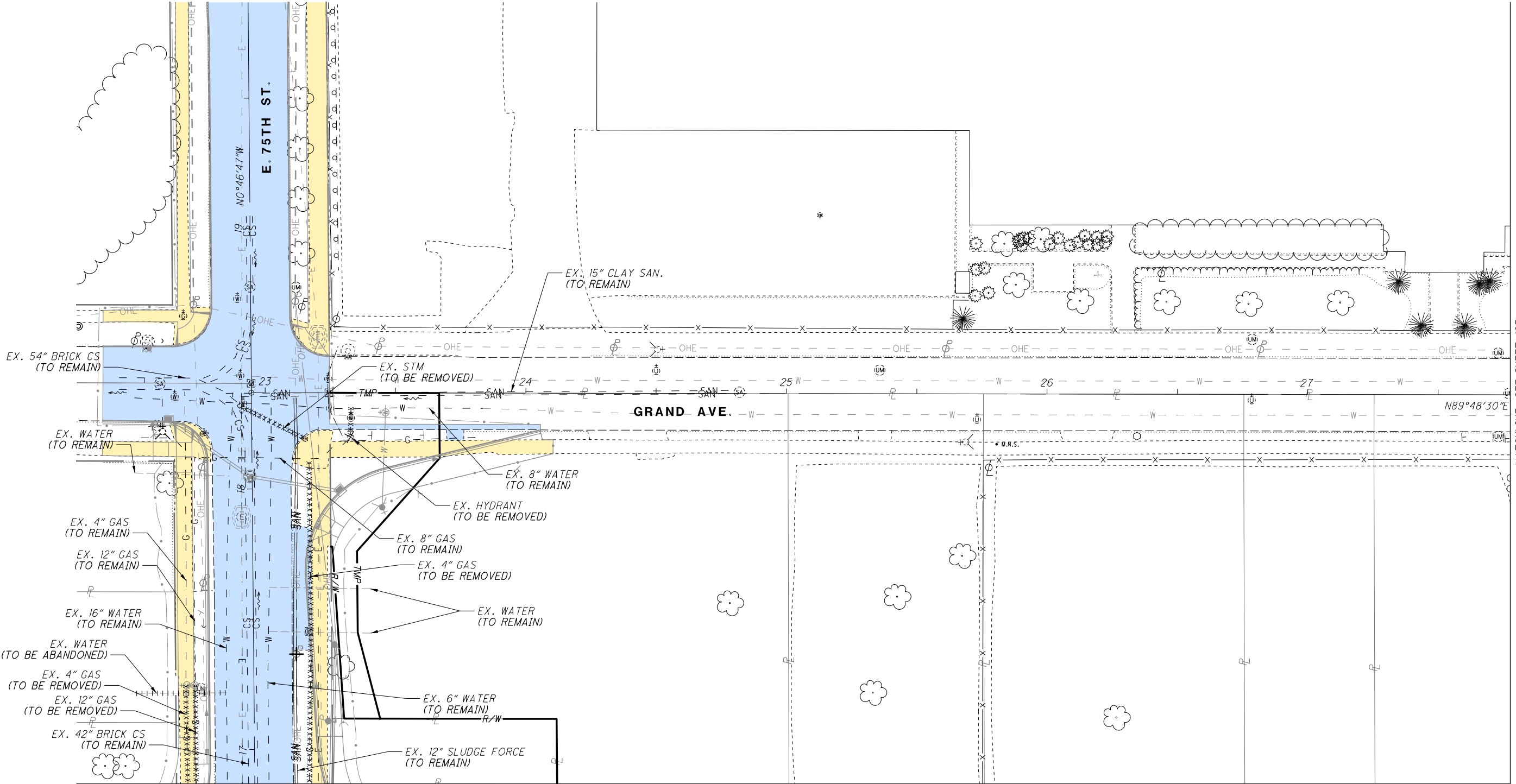
△

RECONSTRUCT TO GRADE

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ITEM TO BE REMOVED

FOR ADDITIONAL DEMOLITION INFORMATION,  
SEE BU-10, BU-11, AND BU-27.



MATCHLINE, SEE SHEET 128

MATCHLINE, SEE SHEET 125

0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
ISSUE RECORD		

CUY-IR490/ SR010-  
2.09 / 19.28

124  
437

DEMOLITION PLAN  
GRAND AVE. / E. 75TH ST.

CALCULATED  
GSH

CHECKED  
SM

0 20 40

HORIZONTAL  
SCALE IN FEET

RECORD PLANS

PAVEMENT  
REMOVED

WALK  
REMOVED

PAVEMENT  
RESURFACING

xxxxxxx

CONDUIT REMOVED

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CONDUIT ABANDONED

○

ADJUST TO GRADE

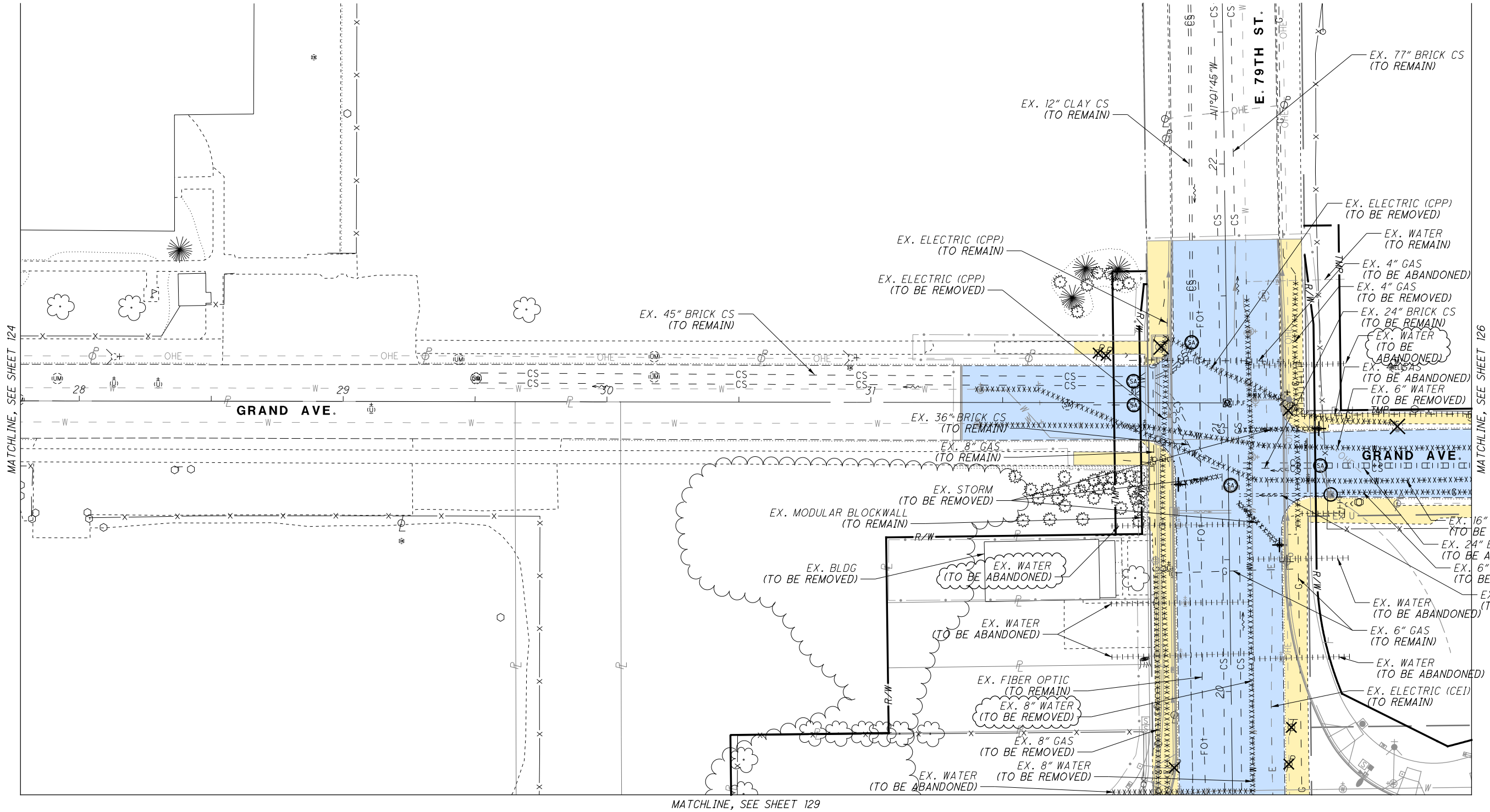
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RECONSTRUCT TO GRADE

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ITEM TO BE REMOVED

FOR ADDITIONAL DEMOLITION INFORMATION,  
SEE BU-10, BU-11, AND BU-27.



NO.	DATE	DESCRIPTION
3	2024-09-10	RECORD DRAWINGS
2	2019-12-04	DC024
1	2019-10-21	DC021
0	2019-06-13	RFC
		ISSUE RECORD

CUY-IR490/ SR010-  
2.09 / 19.28

DEMOLITION PLAN  
GRAND AVE. / E. 79TH ST.

RECORD PLANS

CALCULATED  
GSH

CHECKED  
SM

0 20 40

HORIZONTAL  
SCALE IN FEET

↑

2



PAVEMENT  
REMOVED

WALK  
REMOVED

PAVEMENT  
RESURFACING

xxxxxxx

CONDUIT REMOVED

|||||||

CONDUIT ABANDONED

○

ADJUST TO GRADE

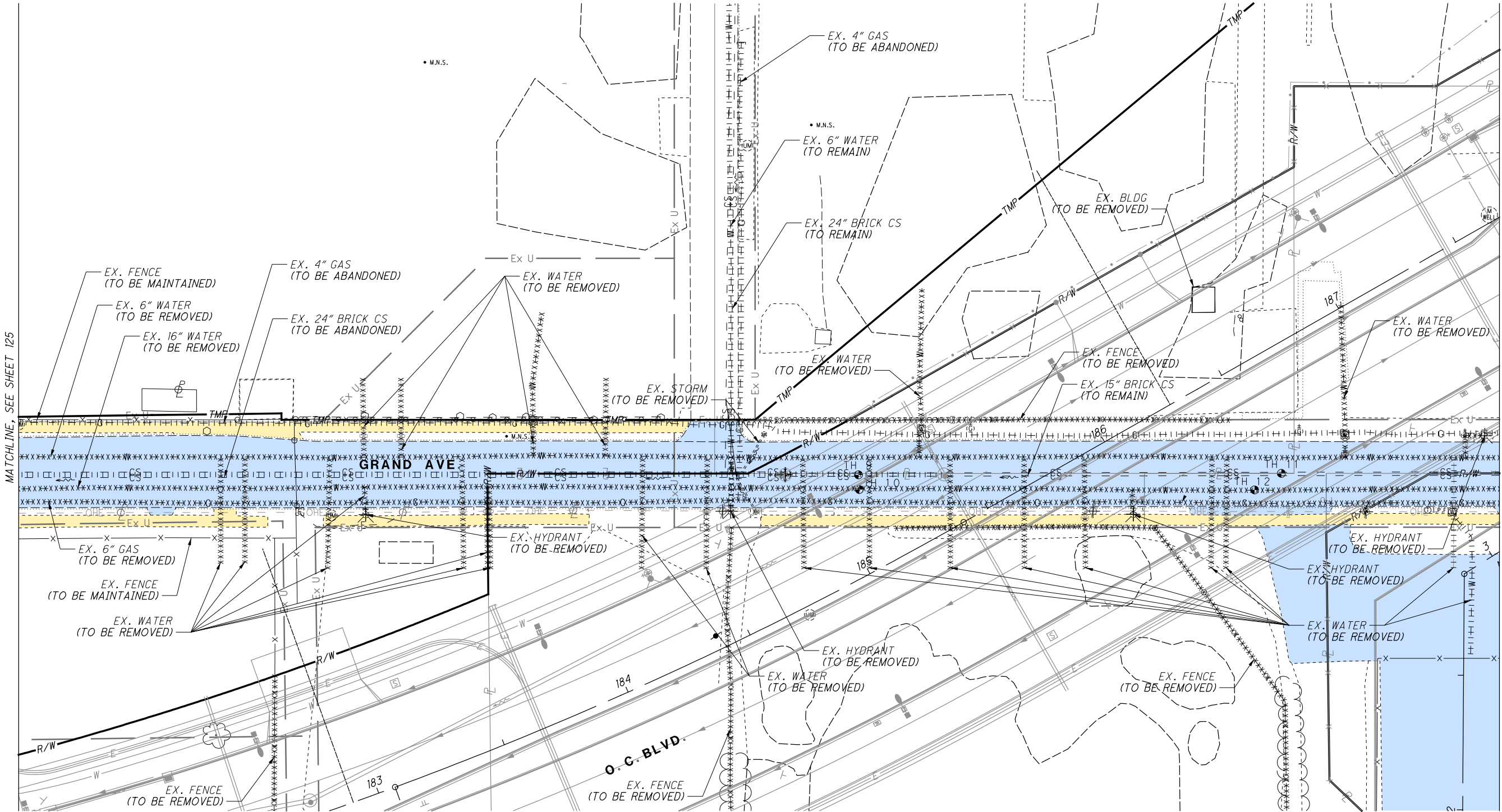
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RECONSTRUCT TO GRADE

×

ITEM TO BE REMOVED

FOR ADDITIONAL DEMOLITION INFORMATION,  
SEE BU-10, BU-11, AND BU-27.



NO.	DATE	DESCRIPTION
1	2019-12-04	DC024
0	2019-06-13	RFC
ISSUE RECORD		

CUY-IR490/ SR010-  
2.09 / 19.28

126  
437

DEMOLITION PLAN  
GRAND AVE.

RECORD PLANS

CALCULATED  
GSH

CHECKED  
SM

0 20 40  
HORIZONTAL  
SCALE IN FEET

RECORD PLANS

PAVEMENT  
REMOVED

WALK  
REMOVED

PAVEMENT  
RESURFACING

xxxxxxx

CONDUIT REMOVED

|||||||

CONDUIT ABANDONED

○

ADJUST TO GRADE

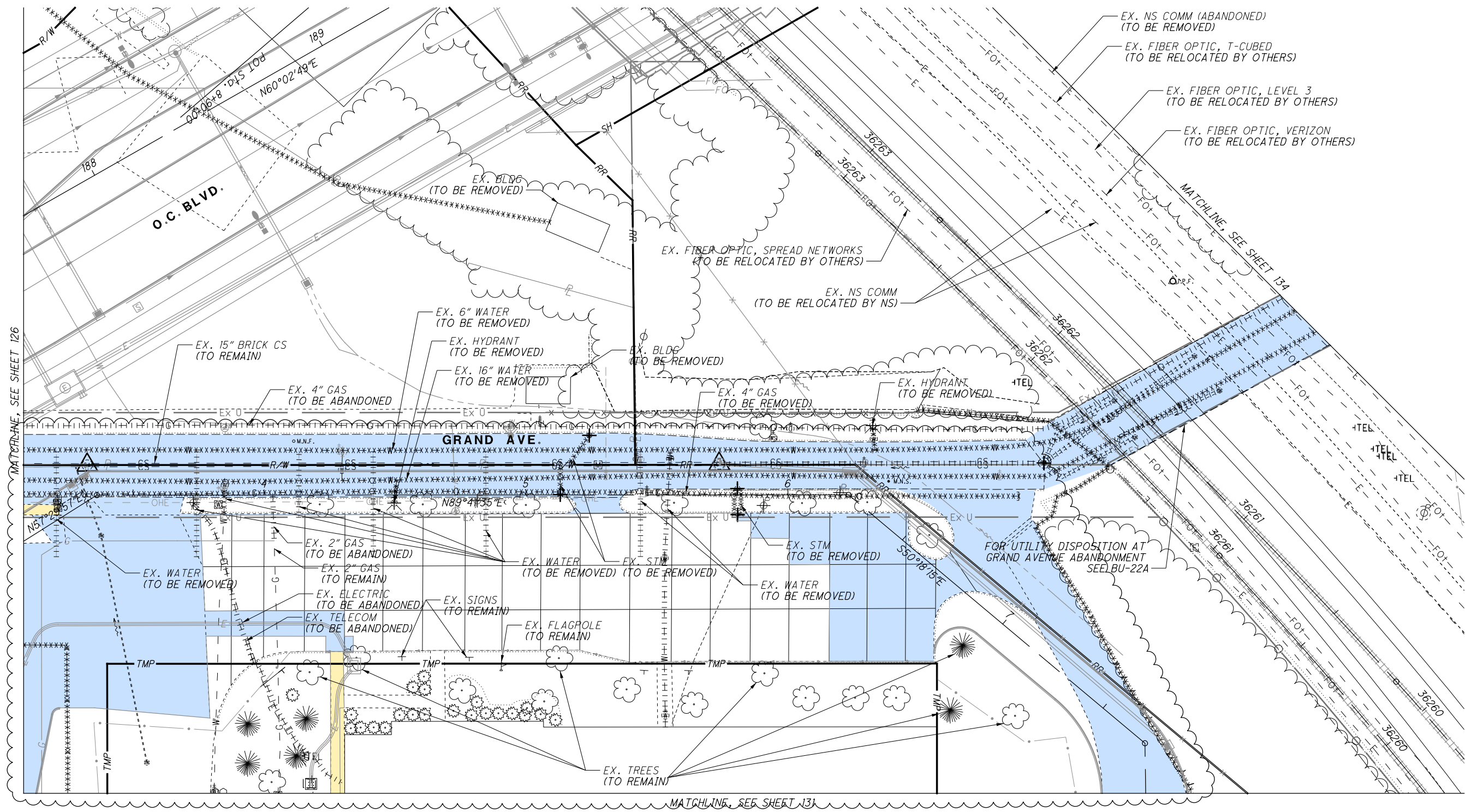
△

RECONSTRUCT TO GRADE

×

ITEM TO BE REMOVED

FOR ADDITIONAL DEMOLITION INFORMATION,  
SEE BU-10, BU-11, BU-22A, AND BU-27.



NO.	DATE	DESCRIPTION
2	2024-09-10	RECORD DRAWINGS
1	2019-12-04	DC024
0	2019-06-13	RFC
		ISSUE RECORD

CUY-IR490/ SR010-  
2.09 / 19.28

127  
437

DEMOLITION PLAN  
GRAND AVE.

RECORD PLANS

RECORD PLANS

RECORD PLANS

CALCULATED  
GSH  
CHECKED  
SM

0 20 40  
HORIZONTAL  
SCALE IN FEET


↑

2



... \Sheets\BU-15\96833_GP954.dgn	7/11/2019 2:35:14 PM	Maria.Tompkins
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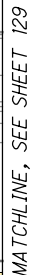


CALCULATED	0
GSH	
CHECKED	
SM	

[illegible]

**EMOLITION**  
**GS AVE. /**

IR490 / SR02.09 / 19.28

$$\frac{128}{437}$$


0	2019-06-13	RFC
<b>NO.</b>	<b>DATE</b>	<b>DESCRIPTION</b>
<b>ISSUE RECORD</b>		

PAVEMENT  
REMOVED

WALK  
REMOVED

PAVEMENT  
RESURFACING

xxxxxxx

CONDUIT REMOVED

|||||||

CONDUIT ABANDONED

○

ADJUST TO GRADE

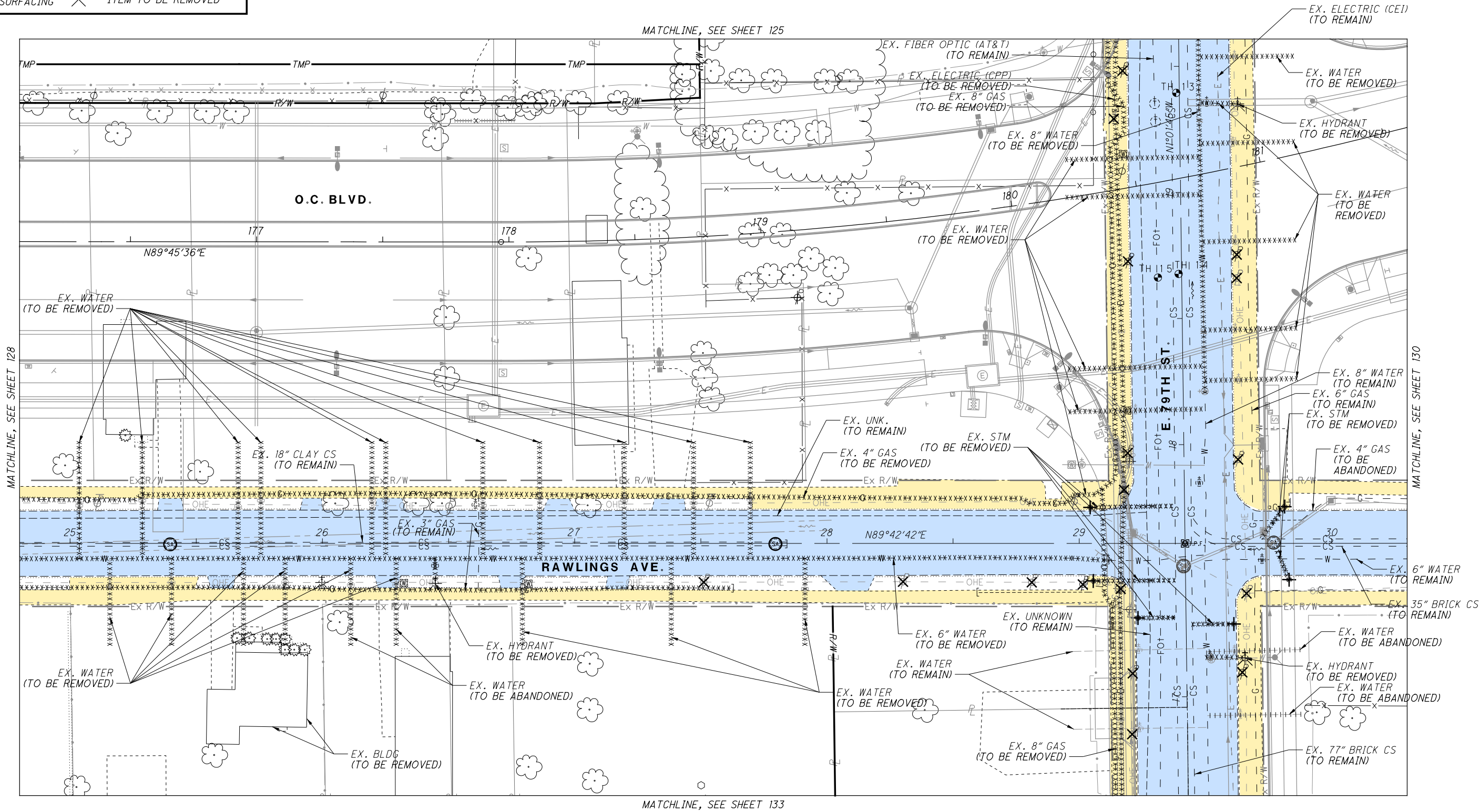
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RECONSTRUCT TO GRADE

×

ITEM TO BE REMOVED

FOR ADDITIONAL DEMOLITION INFORMATION,  
SEE BU-10, BU-11, AND BU-27.



NO.	DATE	DESCRIPTION
1	2019-12-04	DC024
0	2019-06-13	RFC
ISSUE RECORD		

CUY-IR490/ SR010-  
2.09 / 19.28

129  
437

DEMOLITION PLAN  
RAWLINGS AVE. / E. 79TH ST.

RECORD PLANS



PAVEMENT  
REMOVED

WALK  
REMOVED

PAVEMENT  
RESURFACING

xxxxxxx

CONDUIT REMOVED

|||||||

CONDUIT ABANDONED

○

ADJUST TO GRADE

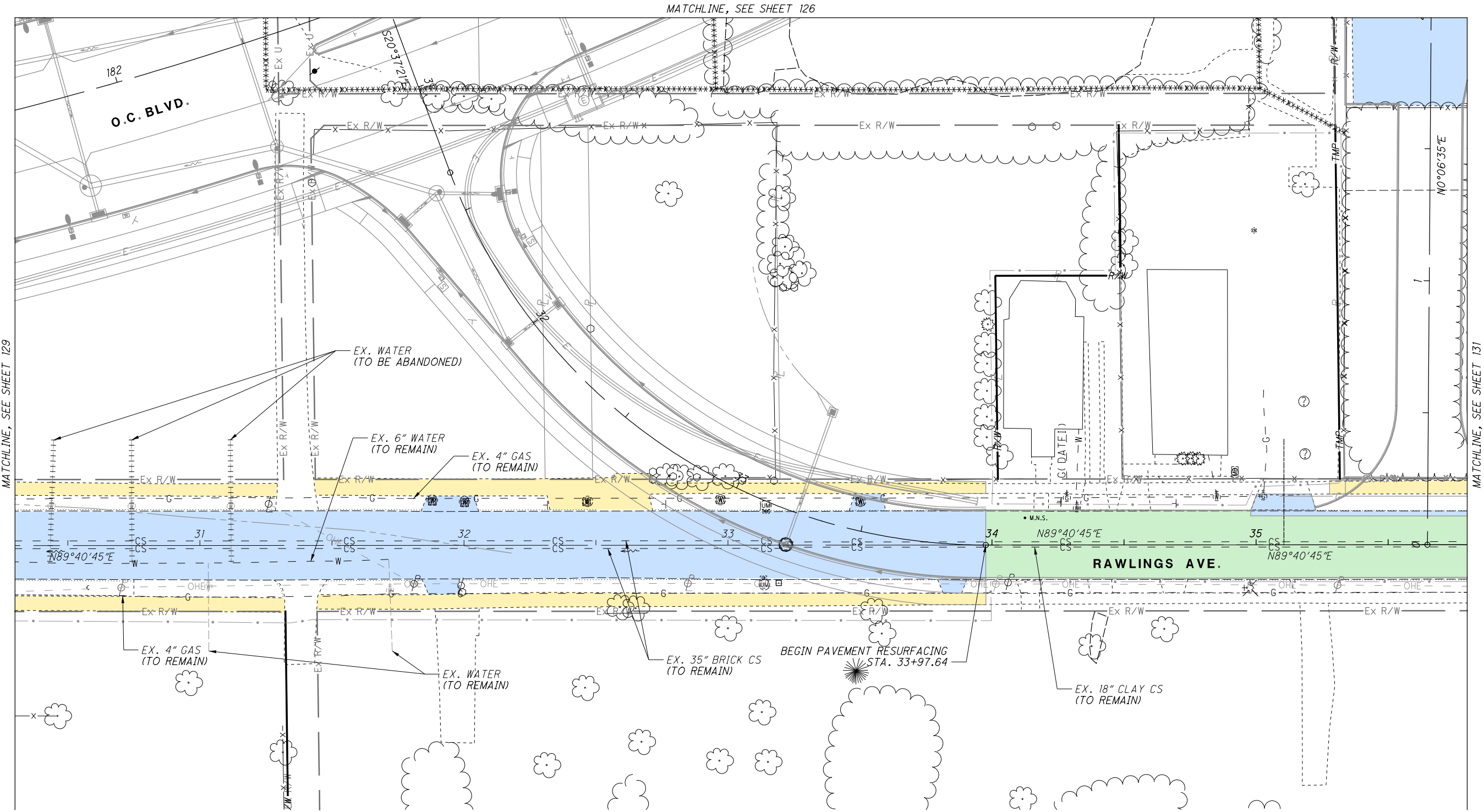
△

RECONSTRUCT TO GRADE

×

ITEM TO BE REMOVED

FOR ADDITIONAL DEMOLITION INFORMATION,  
SEE BU-10, BU-11, AND BU-27.



NO.	DATE	DESCRIPTION
1	2019-12-04	DC024
0	2019-06-13	RFC
ISSUE RECORD		

CUY-IR490/ SR010-  
2.09 / 19.28

130  
437

DEMOLITION PLAN  
RAWLINGS AVE.

RECORD PLANS

CALCULATED  
GSH

CHECKED  
SM

0 20 40  
HORIZONTAL  
SCALE IN FEET

RECORD PLANS

PAVEMENT  
REMOVED

WALK  
REMOVED

PAVEMENT  
RESURFACING

xxxxxxx

CONDUIT REMOVED

|||||||

CONDUIT ABANDONED

○

ADJUST TO GRADE

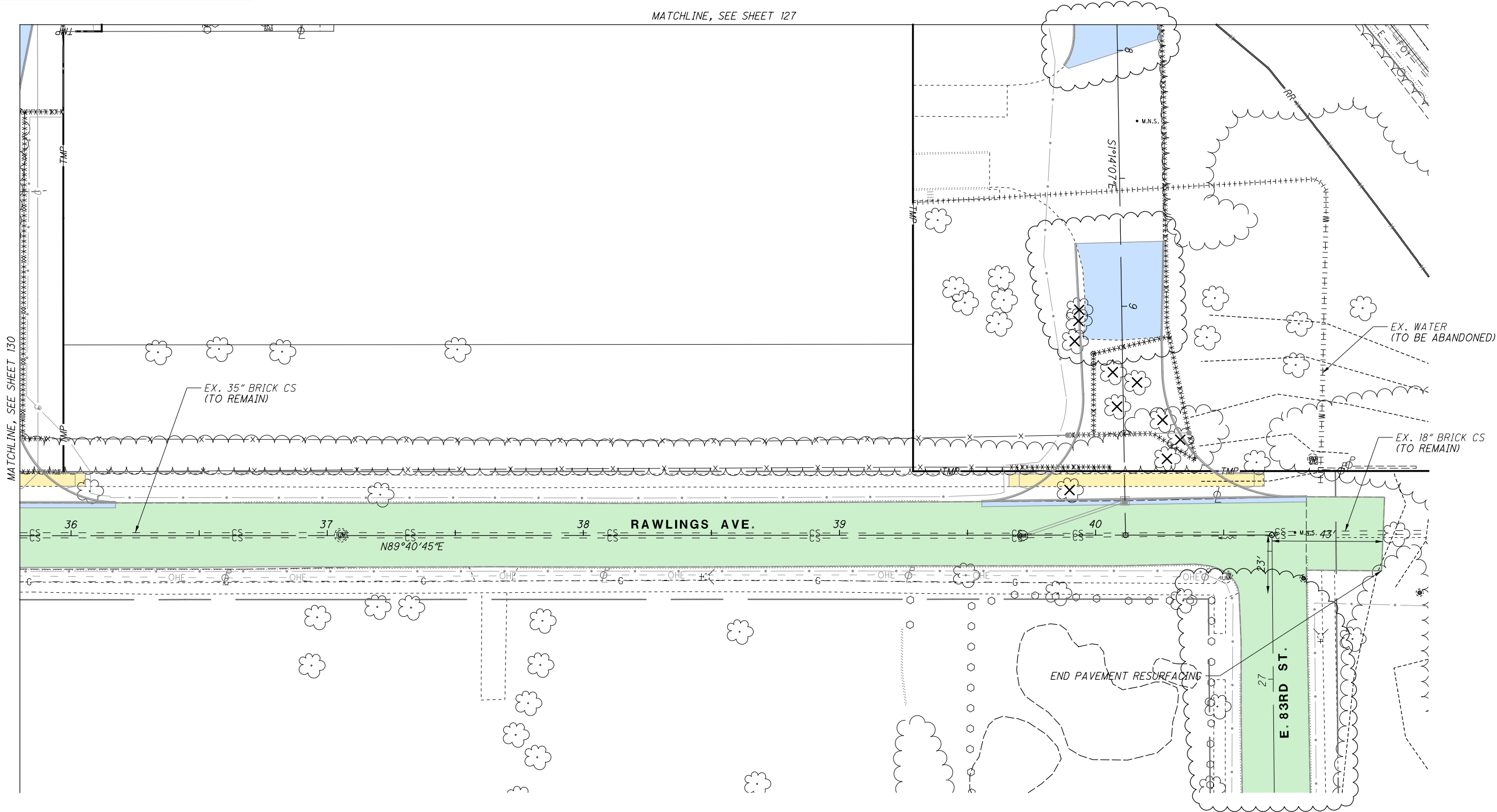
△

RECONSTRUCT TO GRADE

×

ITEM TO BE REMOVED

FOR ADDITIONAL DEMOLITION INFORMATION,  
SEE BU-10, BU-11, AND BU-27.



NO.	DATE	DESCRIPTION
2	2024-09-10	RECORD DRAWINGS
1	2019-12-04	DC024
0	2019-06-13	RFC
ISSUE RECORD		

CUY-IR490/ SR010-  
2.09 / 19.28

131  
437

DEMOLITION PLAN  
RAWLINGS AVE.

RECORD PLANS

CALCULATED  
GSH

CHECKED  
SM

0 20 40  
HORIZONTAL  
SCALE IN FEET

RECORD PLANS



PAVEMENT  
REMOVED

WALK  
REMOVED

PAVEMENT  
RESURFACING

xxxxxxx

CONDUIT REMOVED

|||||||

CONDUIT ABANDONED

○

ADJUST TO GRADE

△

RECONSTRUCT TO GRADE

×

ITEM TO BE REMOVED

FOR ADDITIONAL DEMOLITION INFORMATION,  
SEE BU-10, BU-11, AND BU-27.

CALCULATED  
GSH

CHECKED  
SM

0

20

40

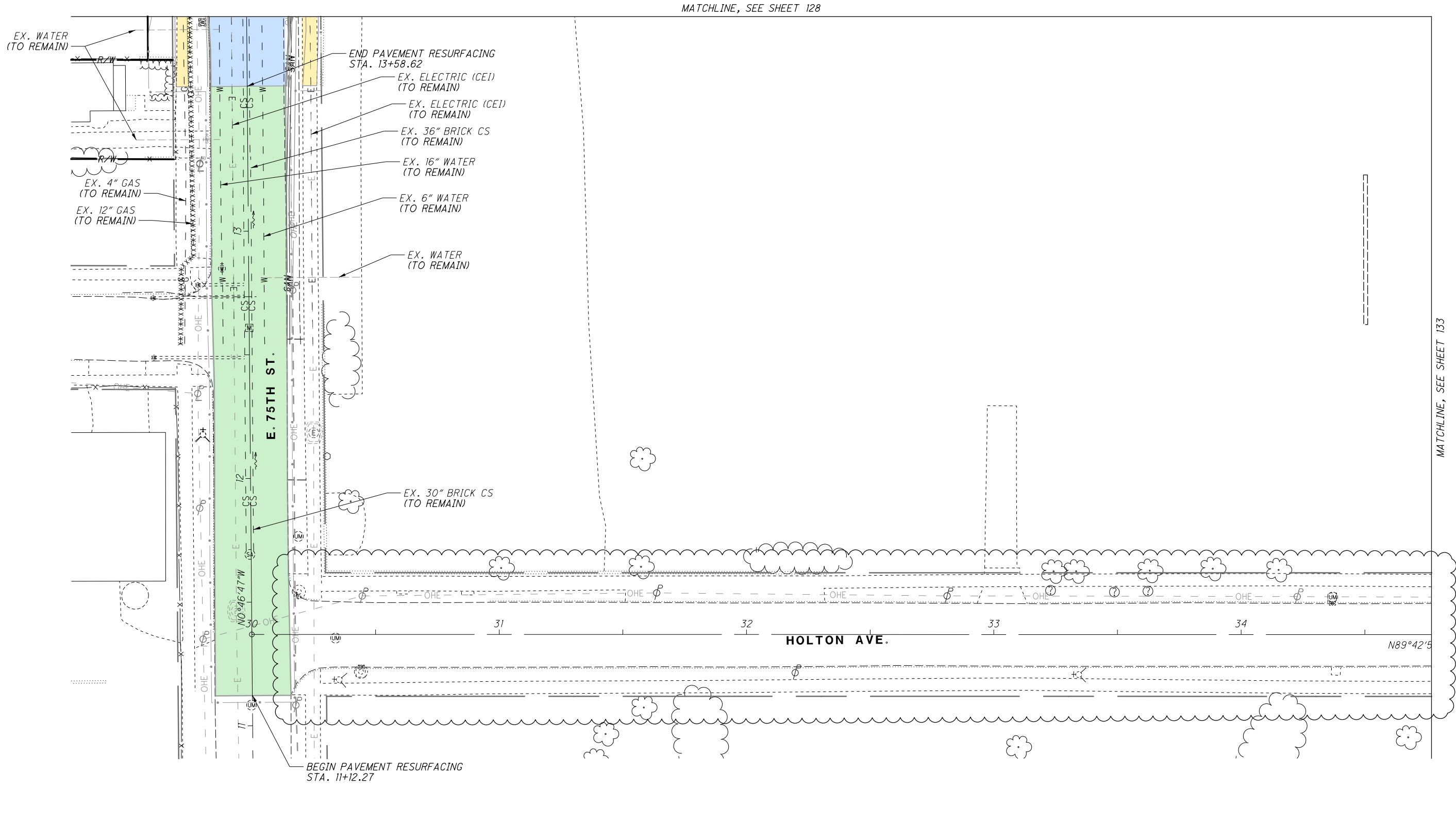
HORIZONTAL  
SCALE IN FEET

CUY-IR490/ SR010-  
2.09 / 19.28

DEMOLITION PLAN  
HOLTON AVE. / E. 75TH ST.

RECORD PLANS

132  
437



NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC

ISSUE RECORD

PAVEMENT  
REMOVED

WALK  
REMOVED

PAVEMENT  
RESURFACING

xxxxxxx

CONDUIT REMOVED

|||||||

CONDUIT ABANDONED

○

ADJUST TO GRADE

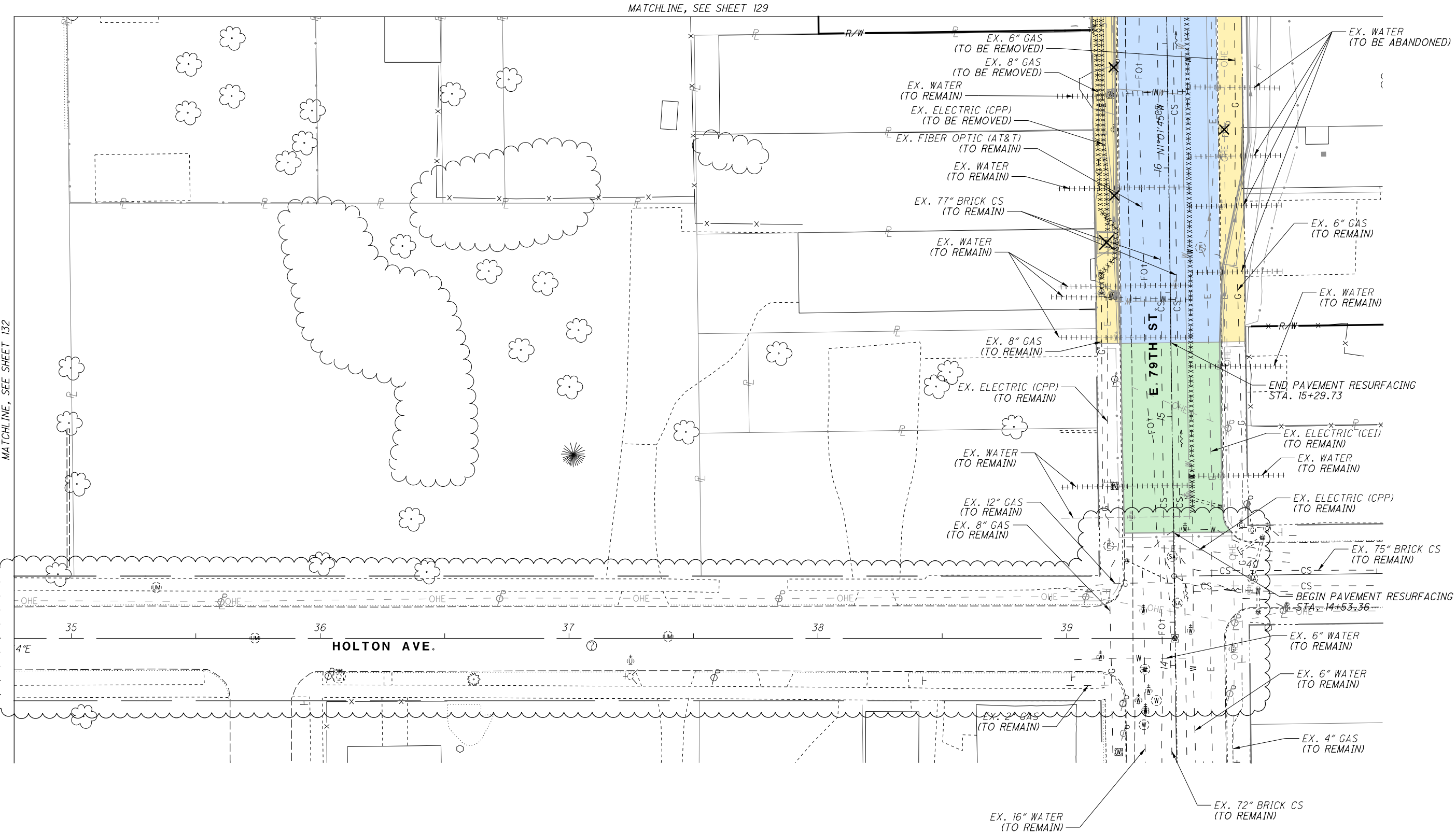
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RECONSTRUCT TO GRADE

×

ITEM TO BE REMOVED

FOR ADDITIONAL DEMOLITION INFORMATION,  
SEE BU-10, BU-11, AND BU-27.



MATCHLINE, SEE SHEET 132

MATCHLINE, SEE SHEET 129

CALCULATED

GSH

CHECKED

SM

0

20

40

HORIZONTAL  
SCALE IN FEET

DEMOLITION PLAN  
HOLTON AVE. / E. 79TH ST.

CUY-IR490/ SR010-

2.09 / 19.28

133

437

NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		

PAVEMENT  
REMOVED

WALK  
REMOVED

PAVEMENT  
RESURFACING

xxxxxxx

CONDUIT REMOVED

|||||||

CONDUIT ABANDONED

○

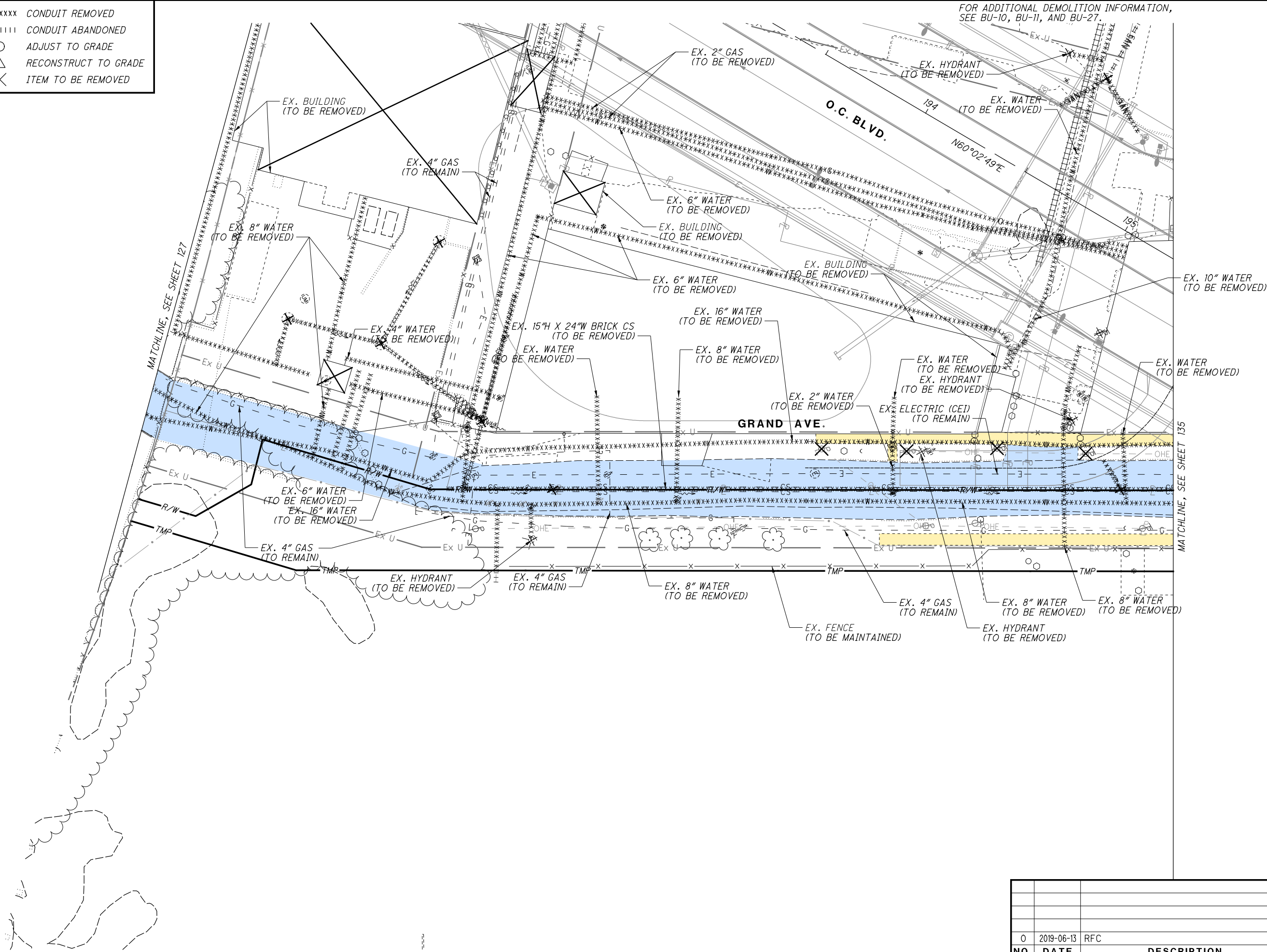
ADJUST TO GRADE

△

RECONSTRUCT TO GRADE

×

ITEM TO BE REMOVED



FOR ADDITIONAL DEMOLITION INFORMATION,  
SEE BU-10, BU-11, AND BU-27.

CALCULATED

GSH

CHECKED

SM

0

20

40

HORIZONTAL  
SCALE IN FEET

DEMOLITION PLAN  
GRAND AVE.




CUY-IR490/ SR010-  
2.09 / 19.28

NO.	DATE	DESCRIPTION
0	2019-06-13	RFC
ISSUE RECORD		

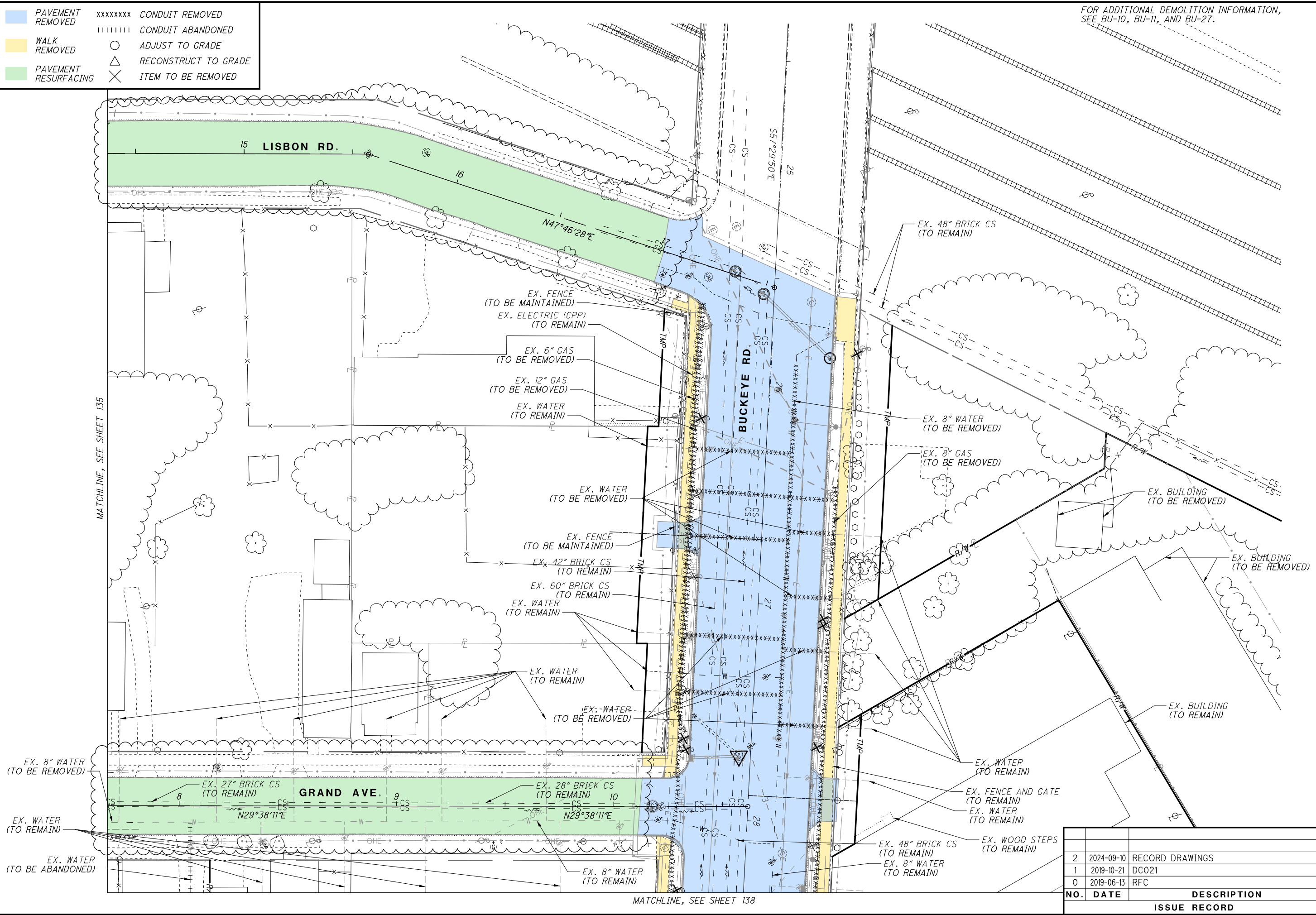


.....\Sheets\BU-15\96833_GP960.dgn	10/28/2024 5:07:03 PM	Rohit.Bk
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	PAVEMENT REMOVED	xxxxxxx	CONDUIT REMOVED
	WALK REMOVED		CONDUIT ABANDONED
	PAVEMENT RESURFACING	○	ADJUST TO GRADE
		△	RECONSTRUCT TO GRADE
		×	ITEM TO BE REMOVED

FOR ADDITIONAL DEMOLITION INFORMATION,  
SEE BU-10, BU-11, AND BU-27.



RECORD PLANS

DEMOLITION PLAN  
BUCKEYE RD.

CUY-IR490/ SR010-  
2.09 / 19.28

136  
437

RECORD PLANS

RECORD PLANS

RECORD PLANS

RECORD PLANS

NO.	DATE	DESCRIPTION
2	2024-09-10	RECORD DRAWINGS
1	2019-10-21	DC021
0	2019-06-13	RFC

CALCULATED

GSH

CHECKED

SM

0

10

20

40

HORIZONTAL  
SCALE IN FEET



PAVEMENT  
REMOVED

WALK  
REMOVED

PAVEMENT  
RESURFACING

xxxxxxx

CONDUIT REMOVED

|||||||

CONDUIT ABANDONED

○

ADJUST TO GRADE

△

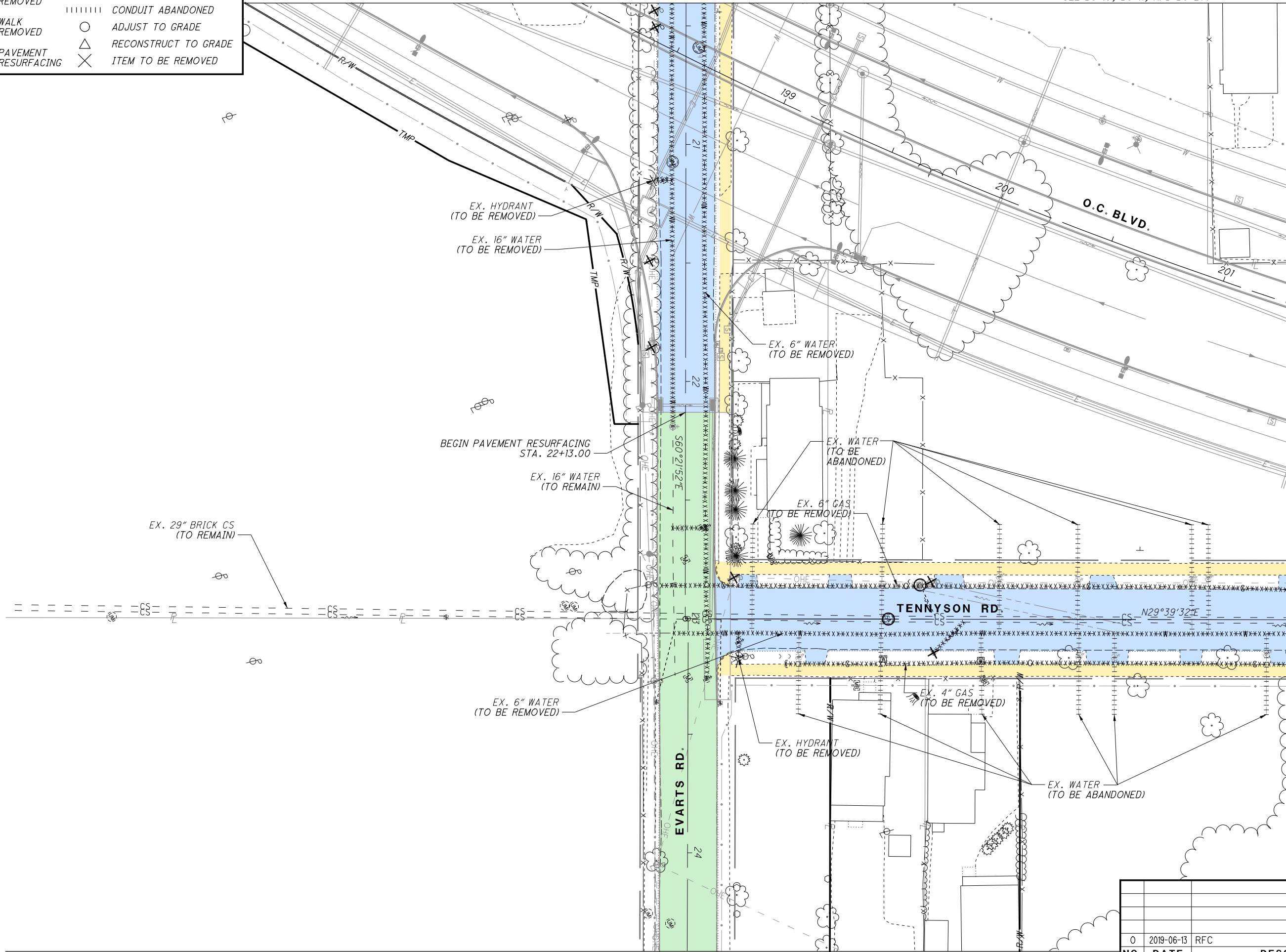
RECONSTRUCT TO GRADE

×

ITEM TO BE REMOVED

MATCHLINE, SEE SHEET 135

FOR ADDITIONAL DEMOLITION INFORMATION,  
SEE BU-10, BU-11, AND BU-27.



MATCHLINE, SEE SHEET 139

NO.	DATE	DESCRIPTION
0	2019-06-13	RFC
ISSUE RECORD		

CUY-IR490/ SR010-  
2.09 / 19.28

137  
437

DEMOLITION PLAN  
TENNYSON RD. / EVARTS RD.

RECORD PLANS

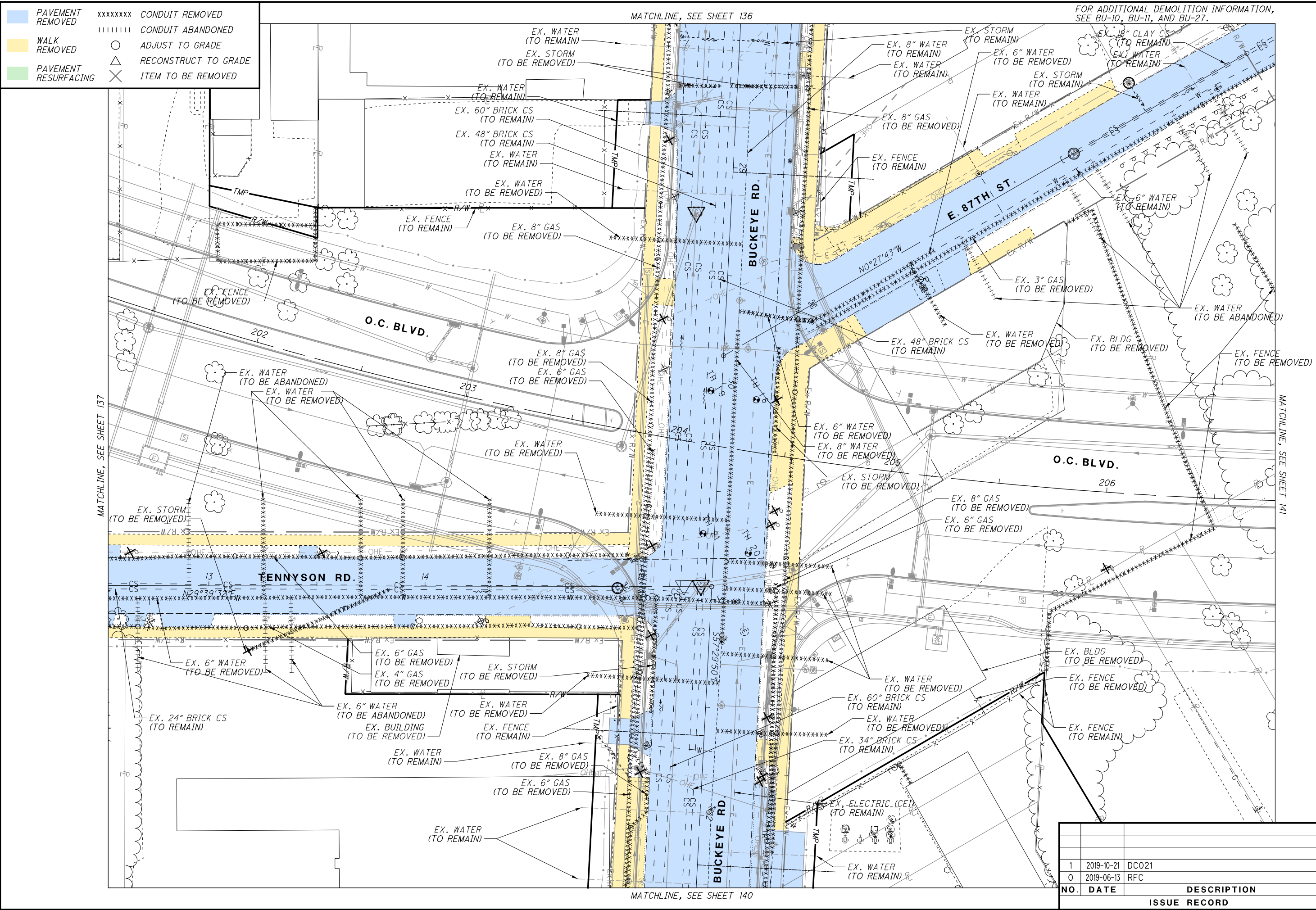
CALCULATED  
GSH

CHECKED  
SM

0 20 40  
HORIZONTAL  
SCALE IN FEET

RECORD PLANS





NO.		DATE	DESCRIPTION
1	2019-10-21	DC021	
0	2019-06-13	RFC	
			ISSUE RECORD

CUY-IR490/ SR010-  
2.09/ 19.28  
RECORD PLANS

DEMOLITION PLAN  
TENNYSON RD. / BUCKEYE RD. / E. 87TH ST.  
RECORD PLANS

CALCULATED GSH CHECKED SM  
138  
437

PAVEMENT  
REMOVED

WALK  
REMOVED

PAVEMENT  
RESURFACING

xxxxxxx

CONDUIT REMOVED

|||||||

CONDUIT ABANDONED

○

ADJUST TO GRADE

△

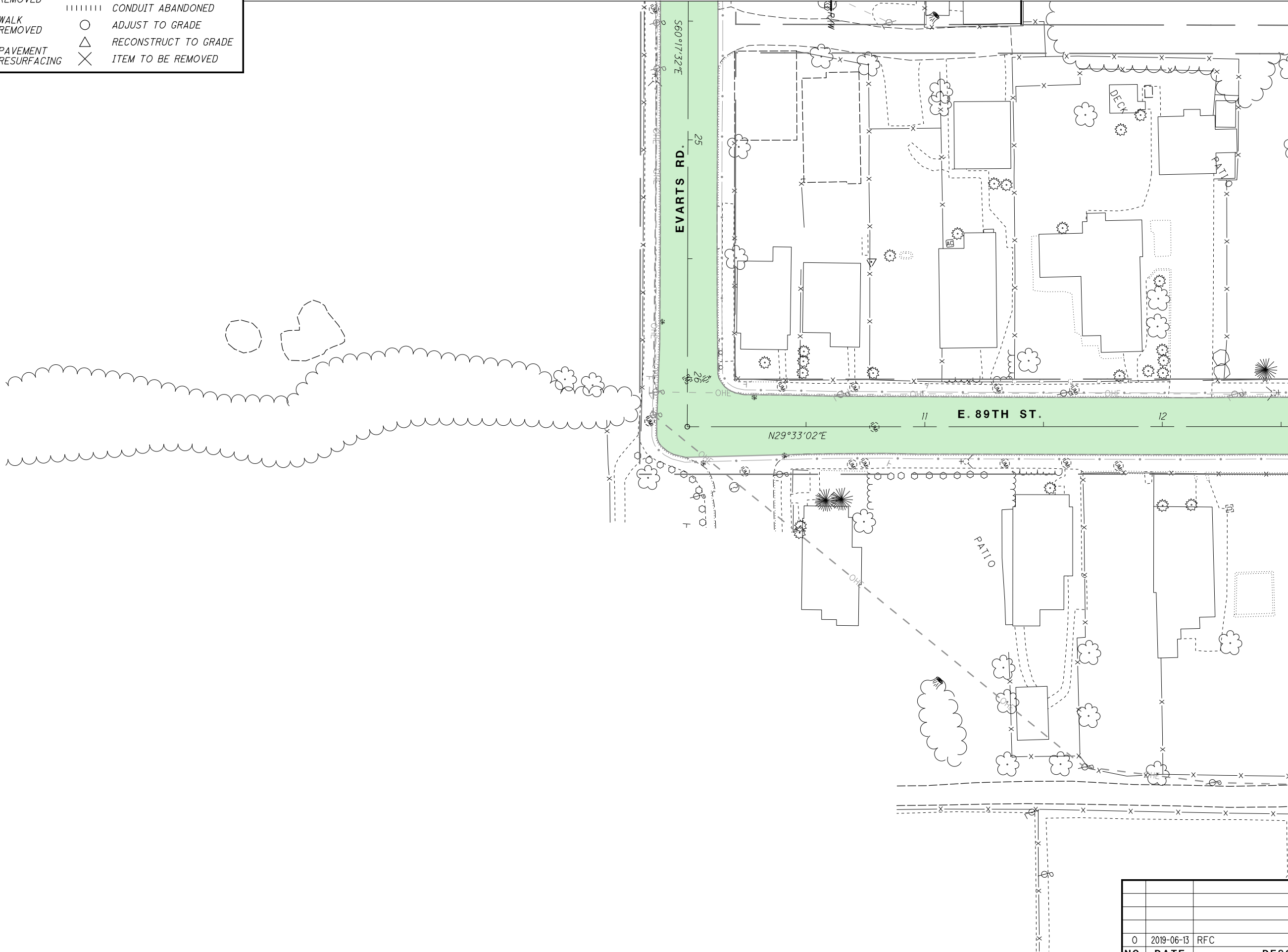
RECONSTRUCT TO GRADE

×

ITEM TO BE REMOVED

MATCHLINE, SEE SHEET 137

FOR ADDITIONAL DEMOLITION INFORMATION,  
SEE BU-10, BU-11, AND BU-27.



MATCHLINE, SEE SHEET 140

0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
ISSUE RECORD		

CUY-IR490/ SR010-  
2.09 / 19.28

139  
437

DEMOLITION PLAN  
E. 89TH ST. / EVARTS RD.

CALCULATED GSH  
CHECKED SM

0 20 40  
HORIZONTAL  
SCALE IN FEET

RECORD PLANS





PAVEMENT  
REMOVED

WALK  
REMOVED

PAVEMENT  
RESURFACING

xxxxxxx

CONDUIT REMOVED

|||||||

CONDUIT ABANDONED

○

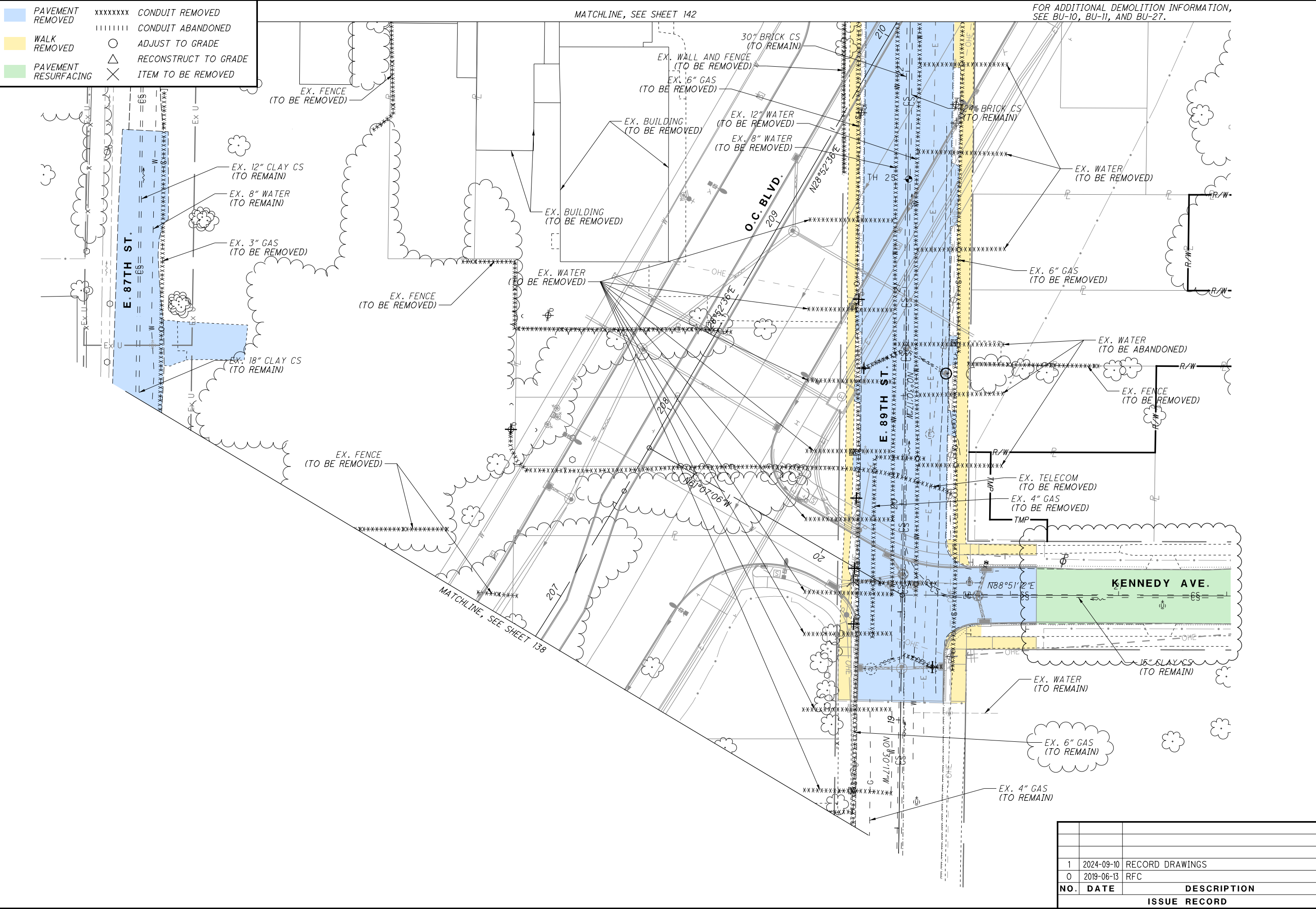
ADJUST TO GRADE

△

RECONSTRUCT TO GRADE

×

ITEM TO BE REMOVED



NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		

CUY-IR490/ SR010-  
2.09 / 19.28

141  
437

DEMOLITION PLAN  
E. 89TH ST.

RECORD PLANS

CALCULATED  
GSH

CHECKED  
SM

02040

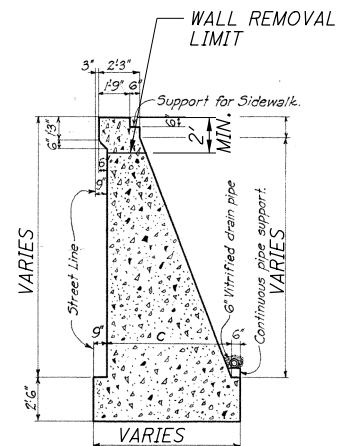
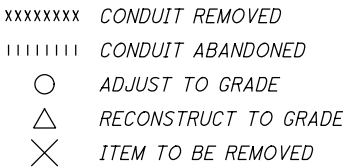
HORIZONTAL  
SCALE IN FEET

↑

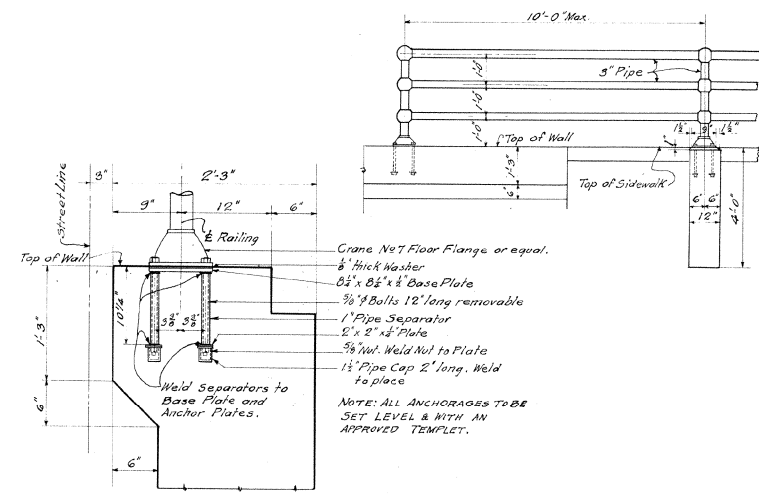
North Arrow

RECORD PLANS

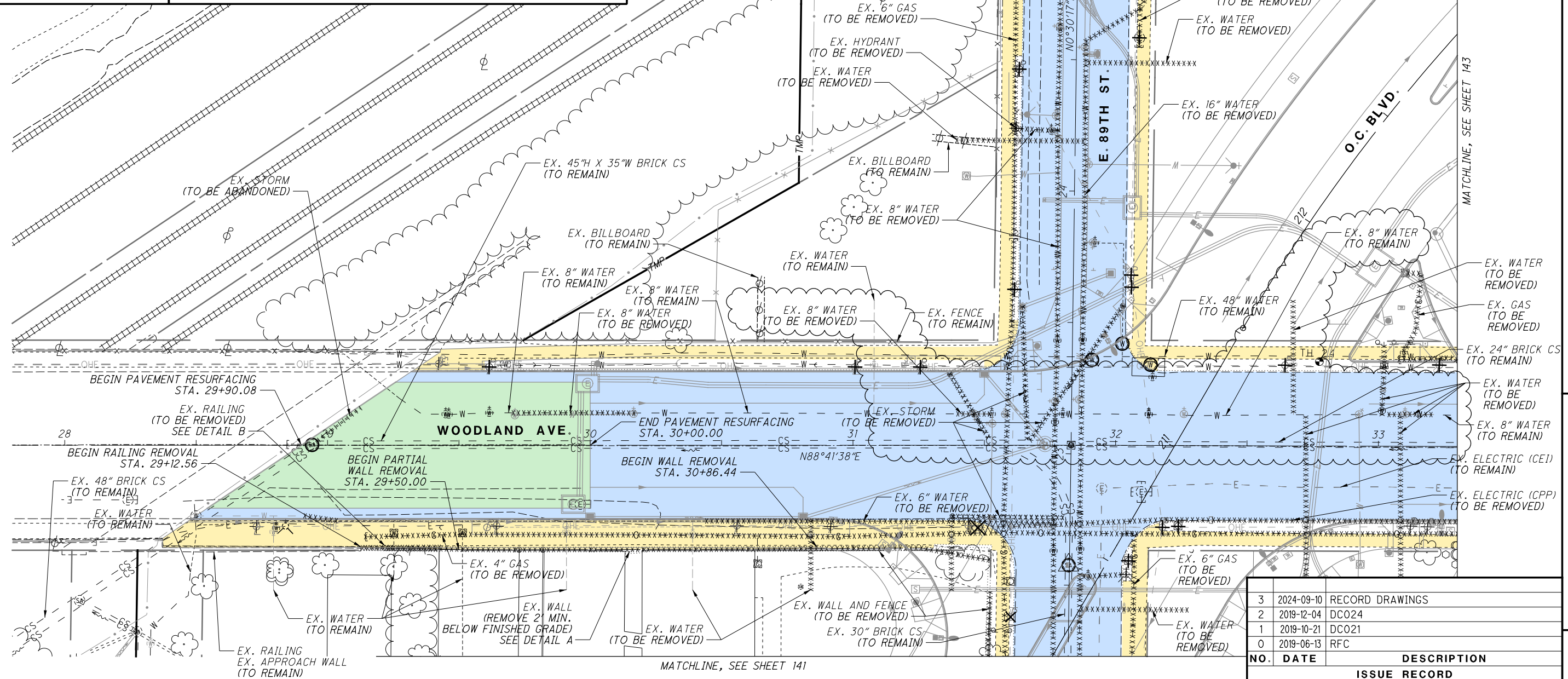




DETAIL A  
EXISTING WALL SECTION



DETAIL B  
EXISTING RAILING ATTACHMENT DETAILS



3	2024-09-10	RECORD DRAWINGS
2	2019-12-04	DC024
1	2019-10-21	DC021
0	2019-06-13	RFC
<b>NO.</b>	<b>DATE</b>	<b>DESCRIPTION</b>
<b>ISSUE RECORD</b>		

PAVEMENT  
REMOVED

WALK  
REMOVED

PAVEMENT  
RESURFACING

xxxxxxx

CONDUIT REMOVED

|||||||

CONDUIT ABANDONED

○

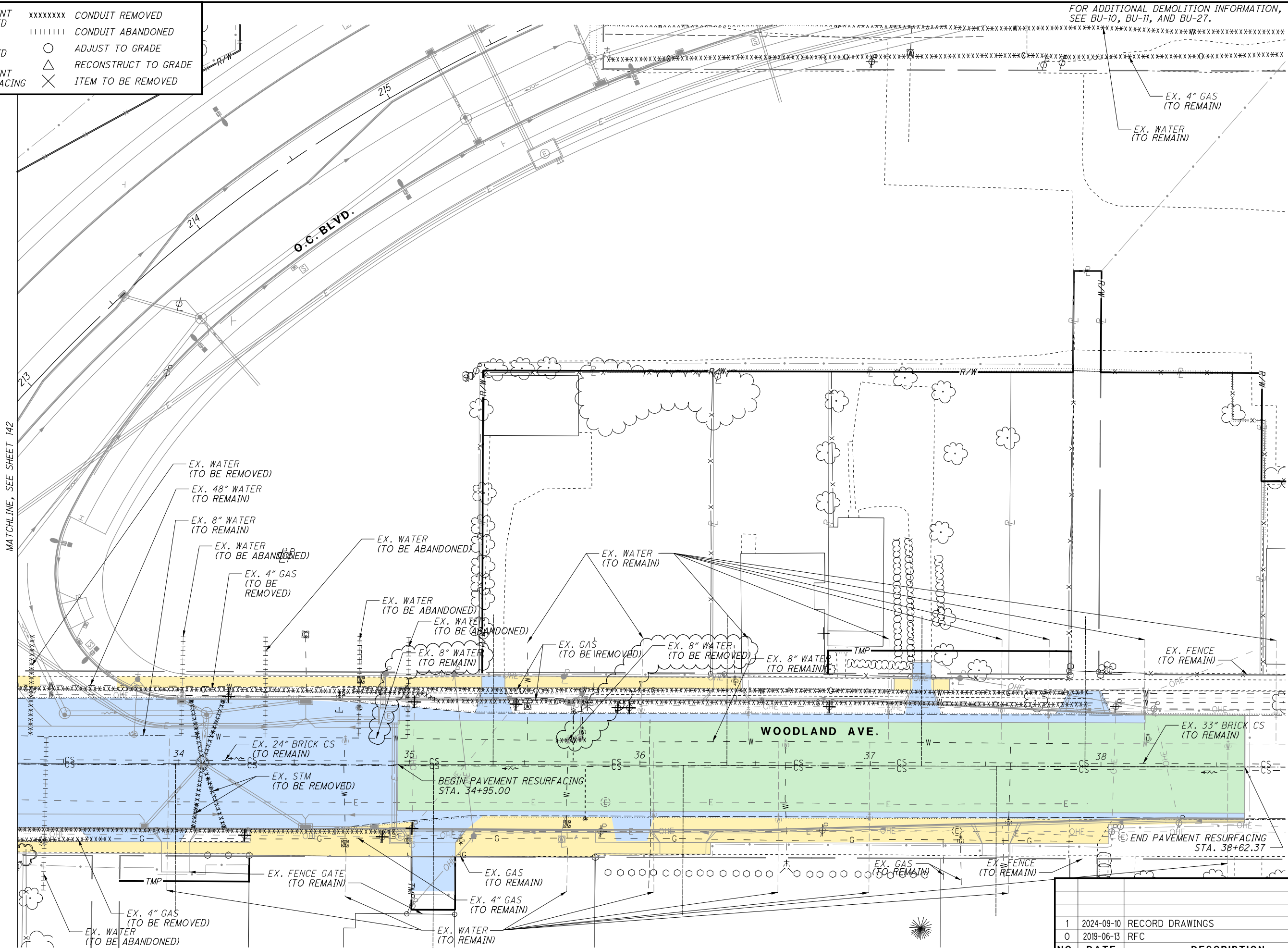
ADJUST TO GRADE

△

RECONSTRUCT TO GRADE

×

ITEM TO BE REMOVED



ISSUE RECORD		
NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC

CUY-IR490/ SR010-  
2.09 / 19.28

143  
437

DEMOLITION PLAN  
WOODLAND AVE.

RECORD PLANS

CALCULATED  
GSH

CHECKED  
SM

0 20 40  
HORIZONTAL  
SCALE IN FEET

RECORD PLANS



PAVEMENT  
REMOVED

WALK  
REMOVED

PAVEMENT  
RESURFACING

xxxxxxx

CONDUIT REMOVED

|||||||

CONDUIT ABANDONED

○

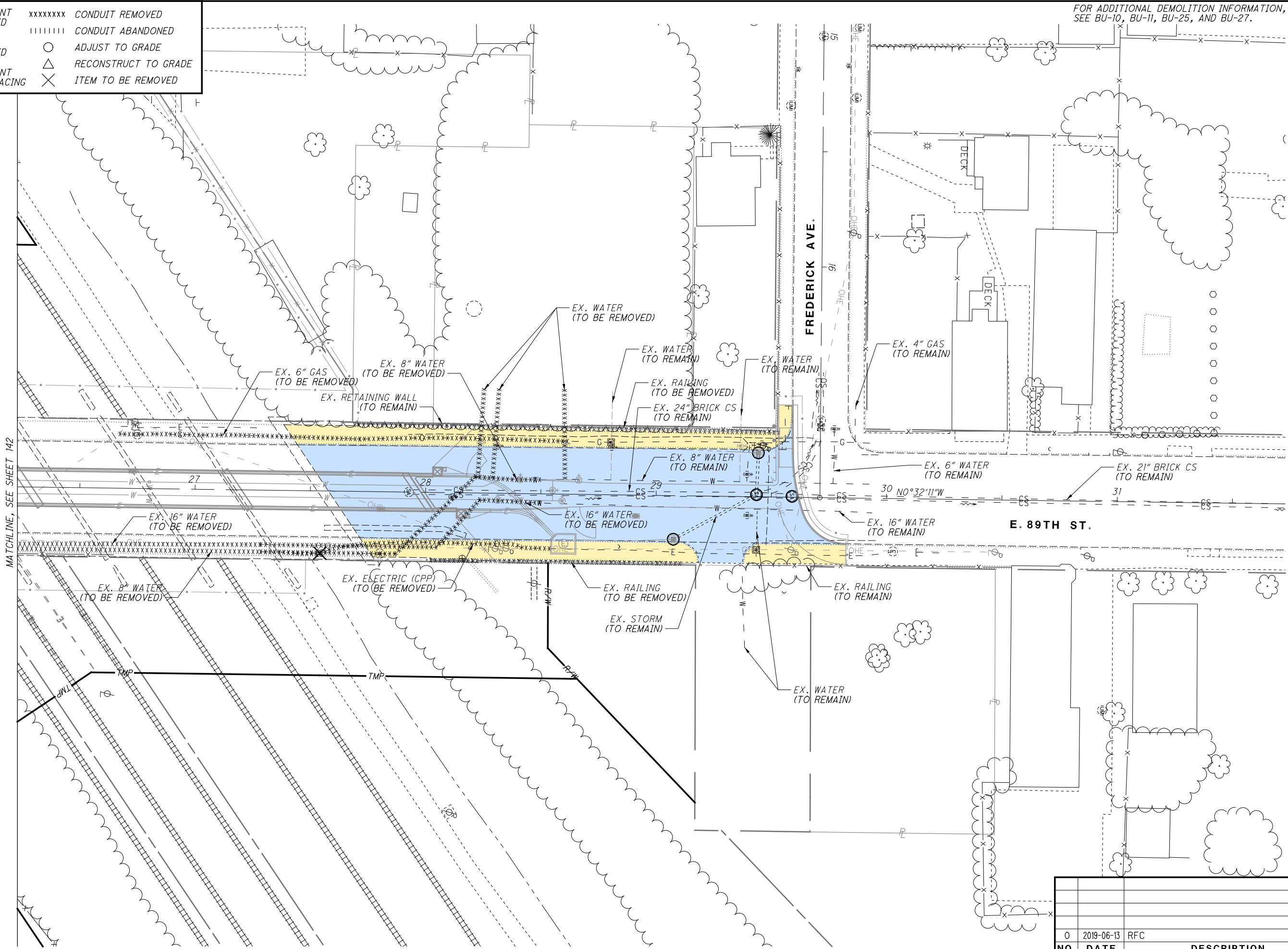
ADJUST TO GRADE

△

RECONSTRUCT TO GRADE

×

ITEM TO BE REMOVED



FOR ADDITIONAL DEMOLITION INFORMATION,  
SEE BU-10, BU-11, BU-25, AND BU-27.

NO.	DATE	DESCRIPTION
0	2019-06-13	RFC
ISSUE RECORD		

CUY-IR490/ SR010-  
2.09 / 19.28

144  
437

DEMOLITION PLAN  
E. 89TH ST.

RECORD PLANS

CALCULATED  
GSH

CHECKED  
SM

02040  
HORIZONTAL  
SCALE IN FEET

RECORD PLANS

145  
437

$$\frac{146}{437}$$

$$\frac{147}{437}$$

[illegible]



$$\frac{149}{437}$$

$$\frac{150}{437}$$

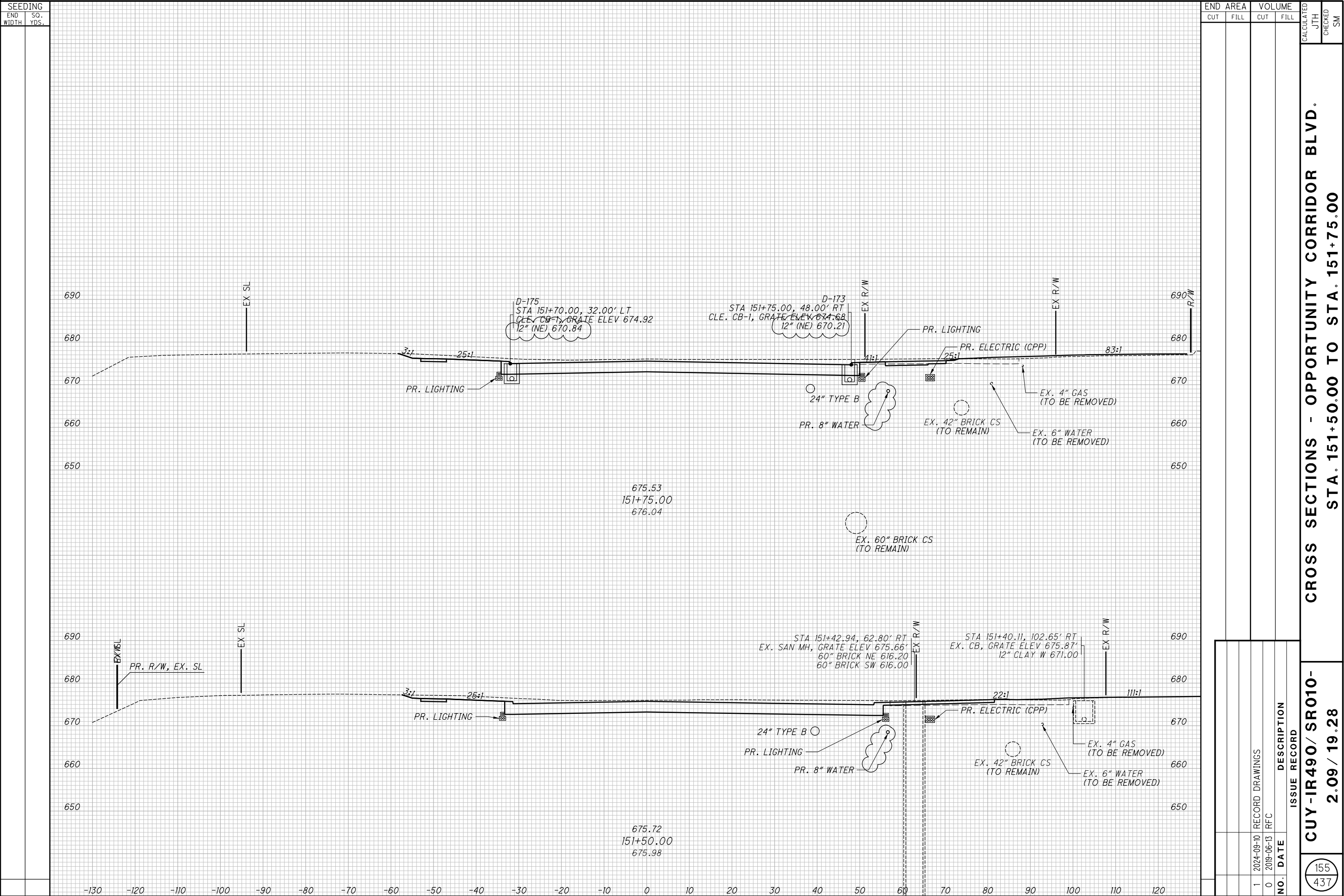
$$\frac{151}{437}$$

## RECORD PLANS

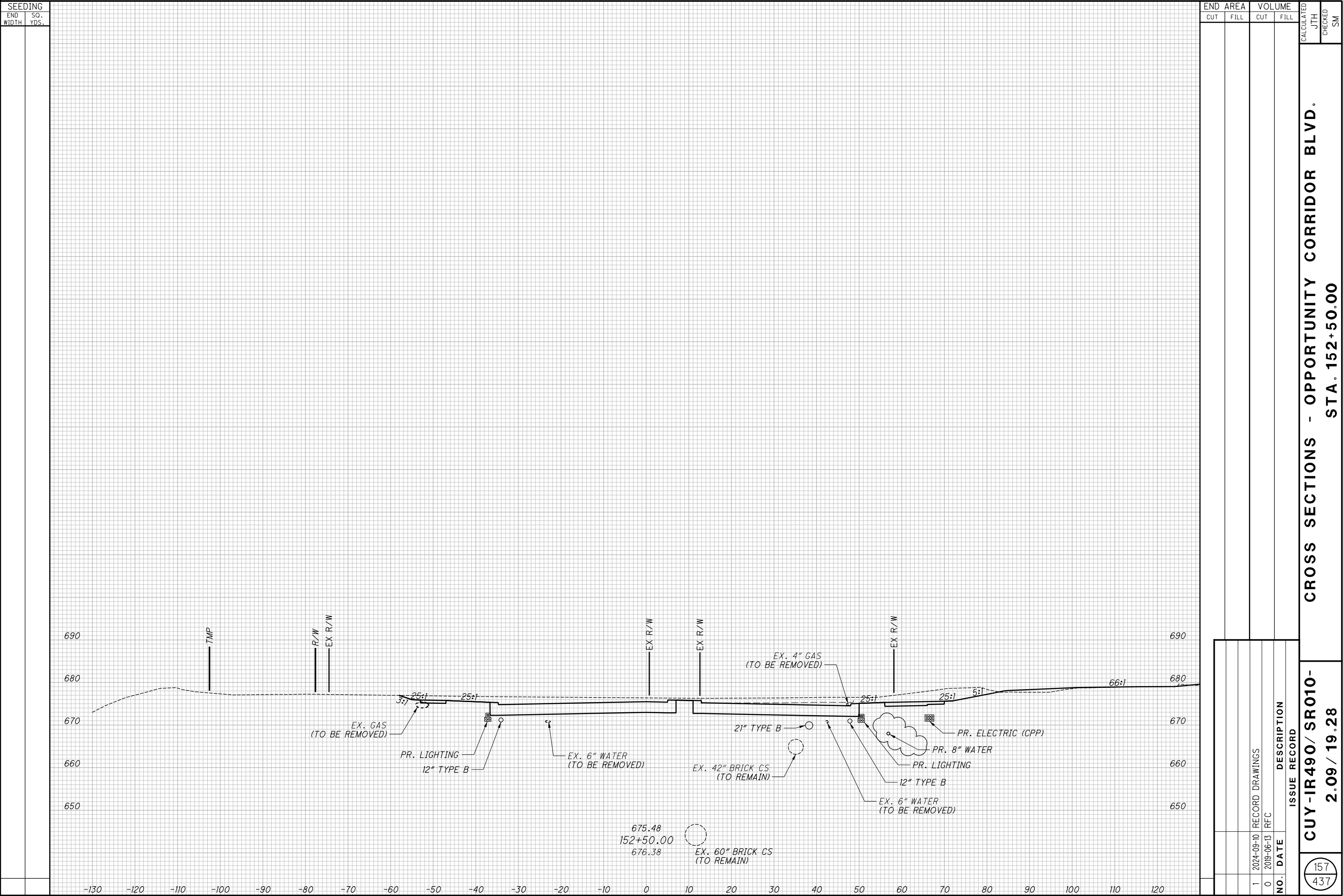
$$\frac{53}{37}$$

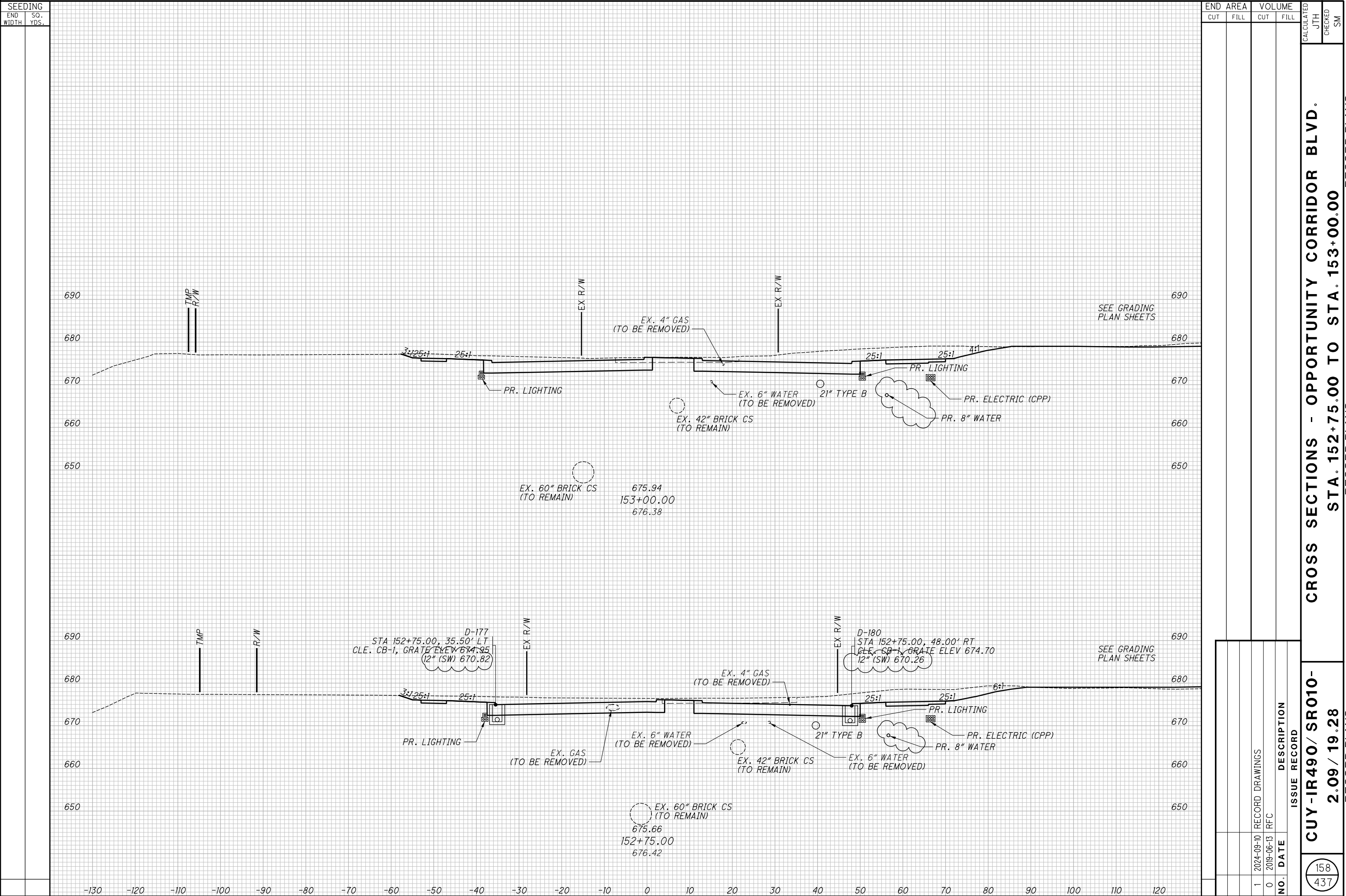


**CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.**  
**STA. 151+00.00 TO STA. 151+25.00**

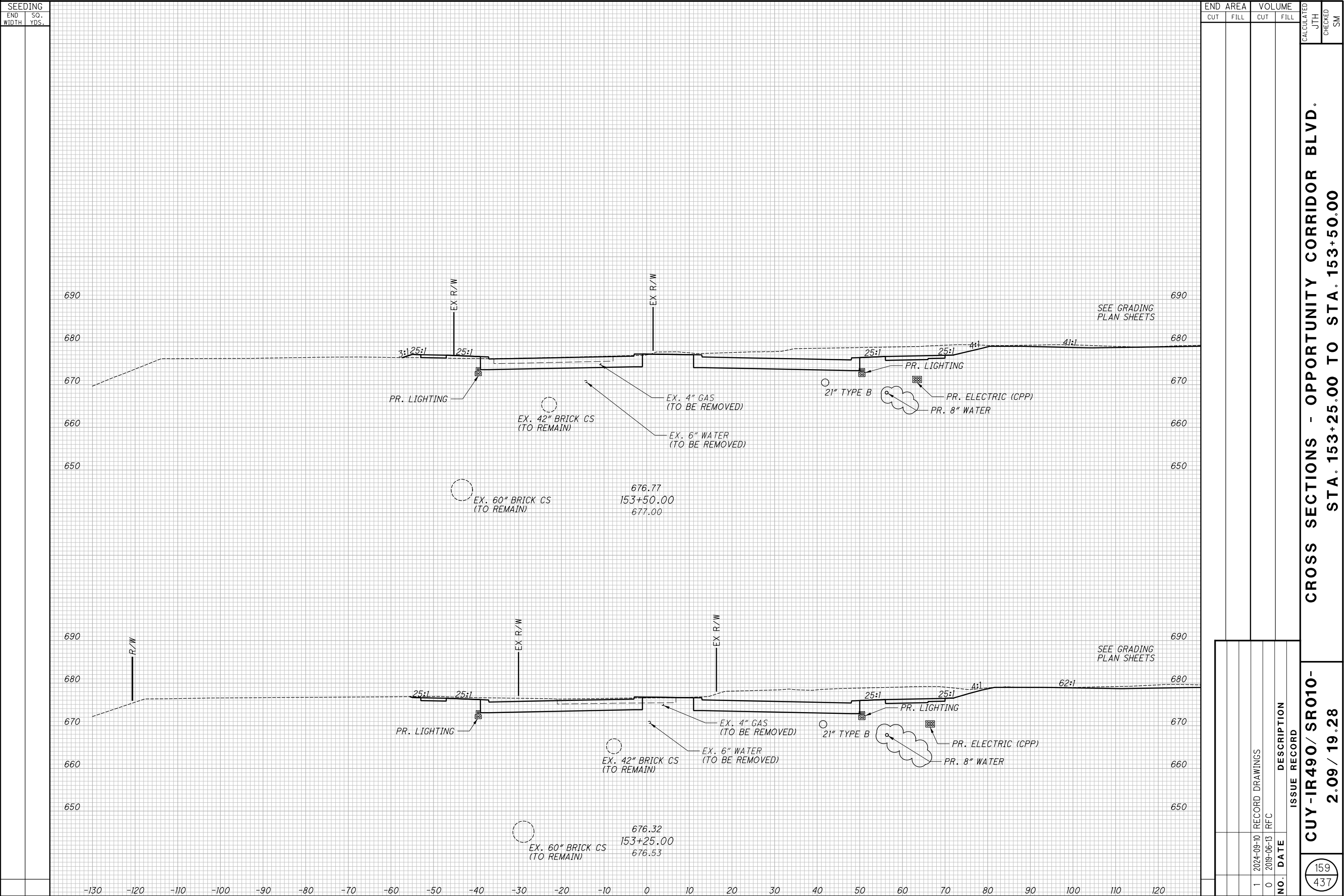


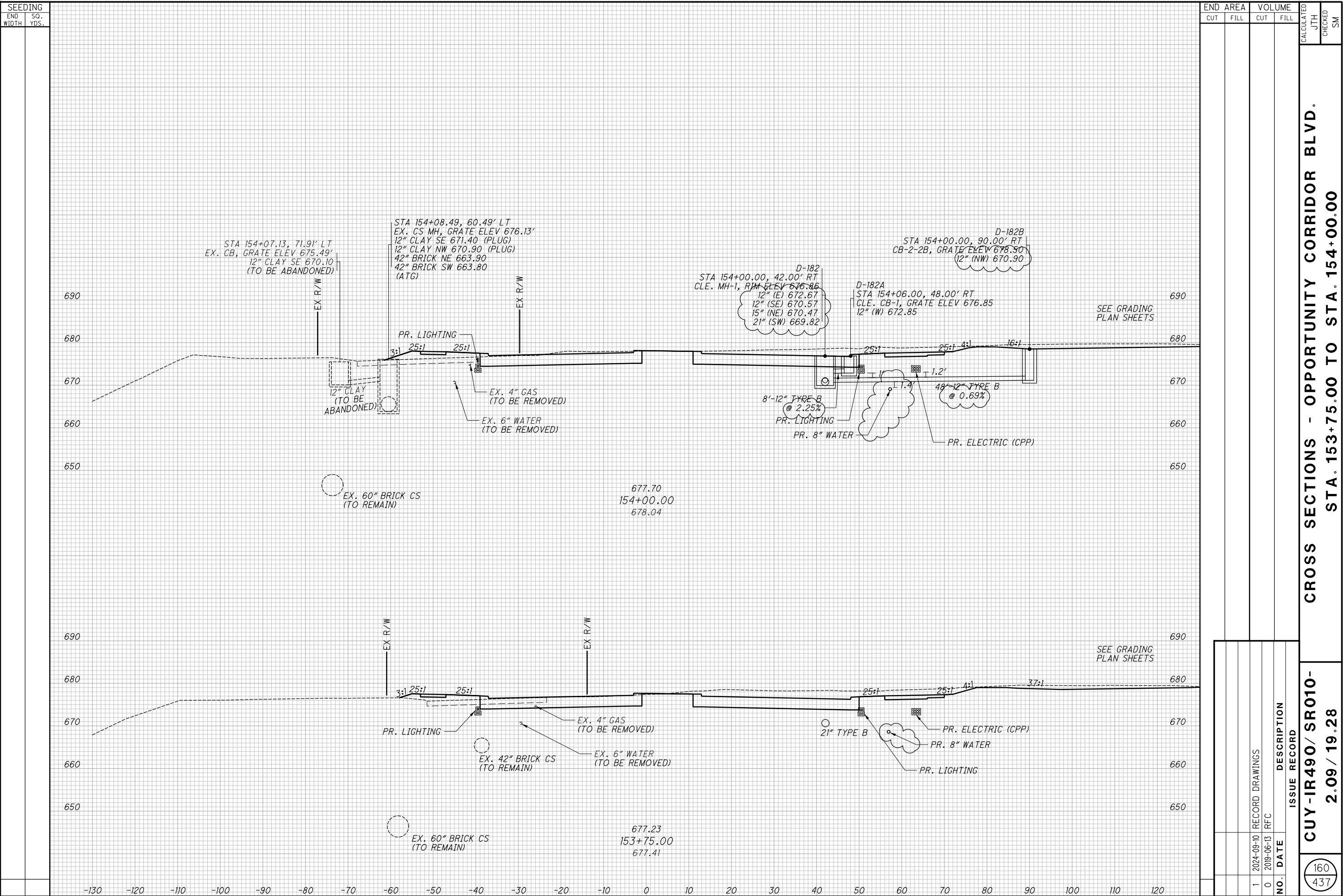
156  
437











CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.  
STA. 153+75.00 TO STA. 154+00.00

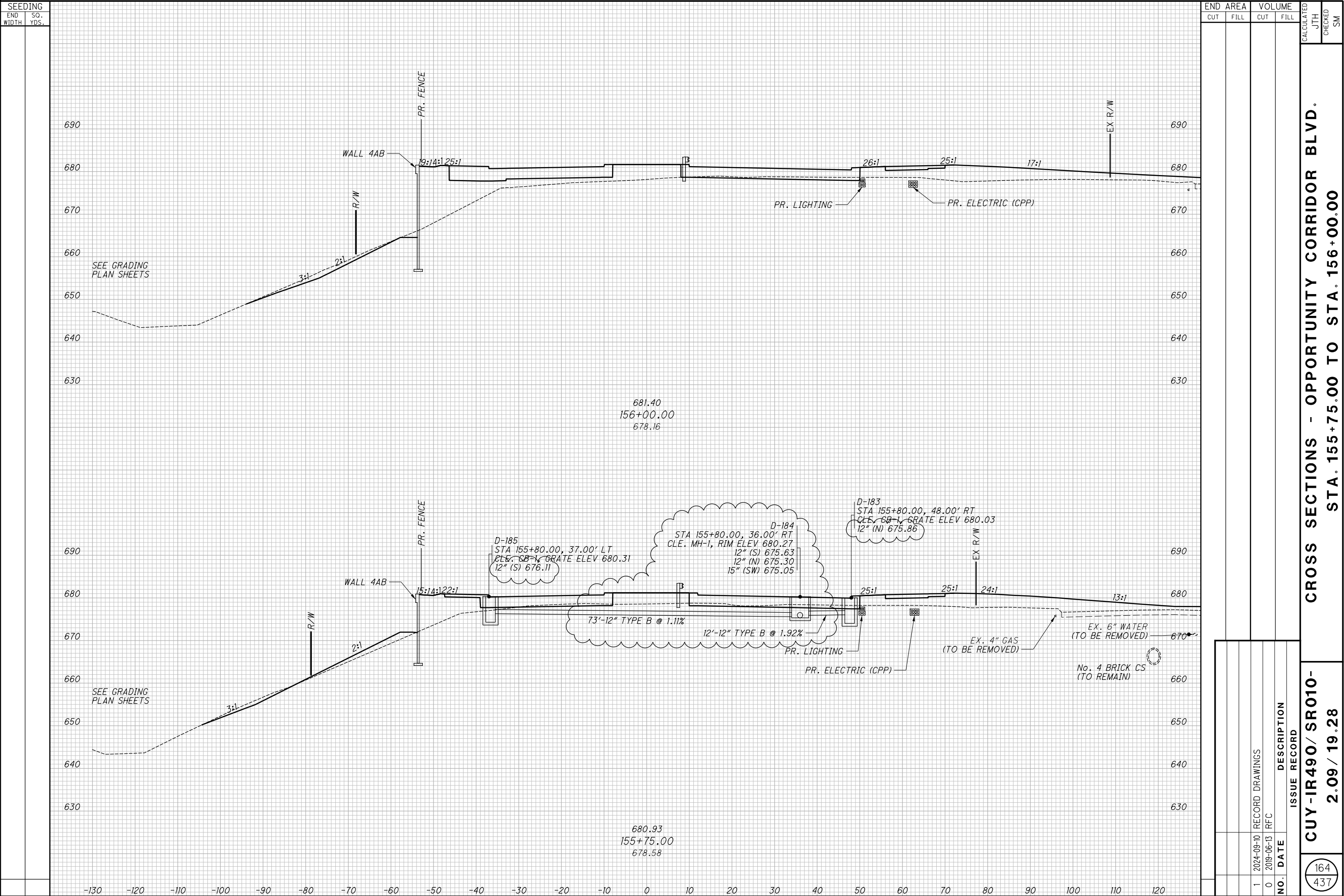
CUY-IR490/ SR010-  
2.09 / 19.28

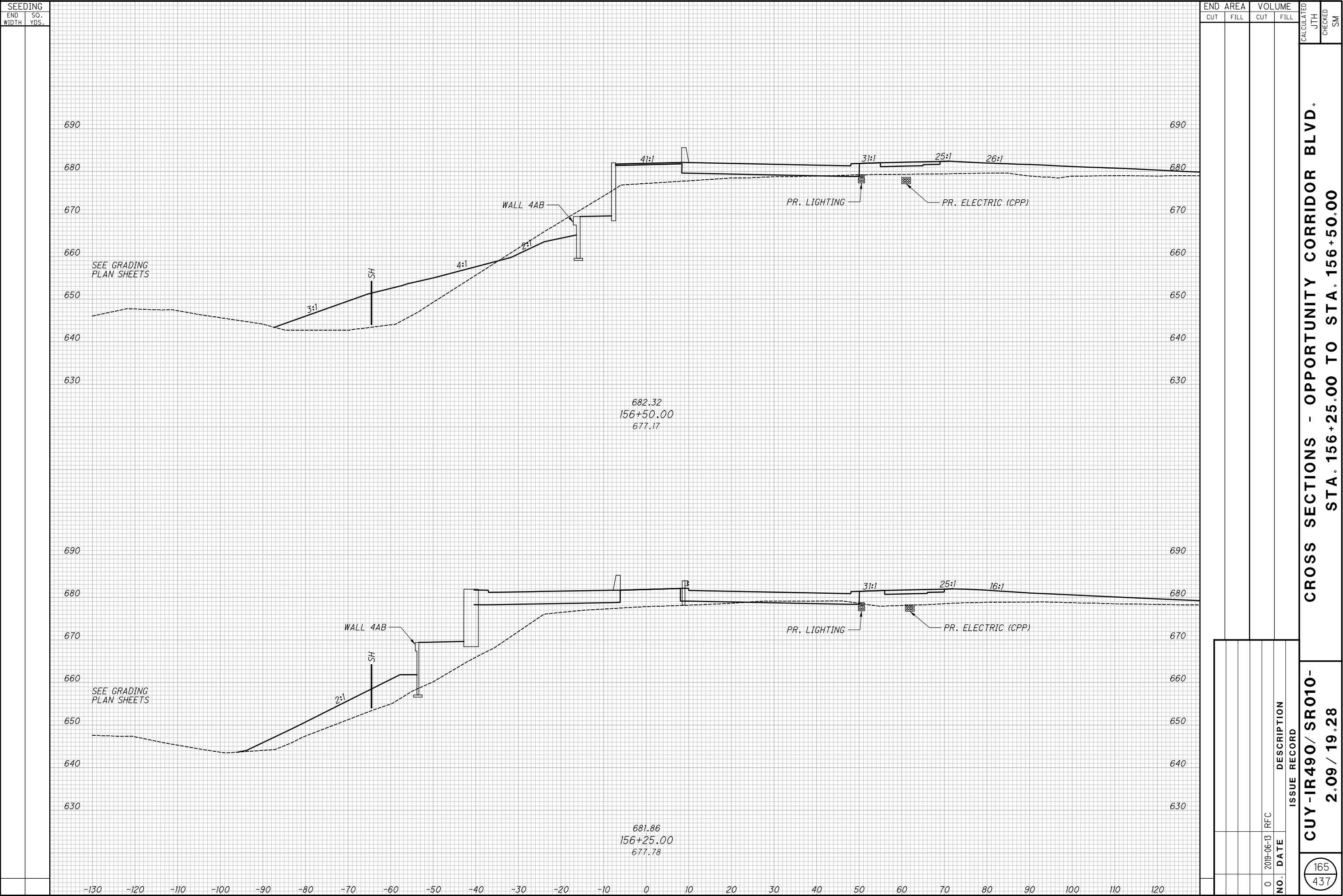
161  
437

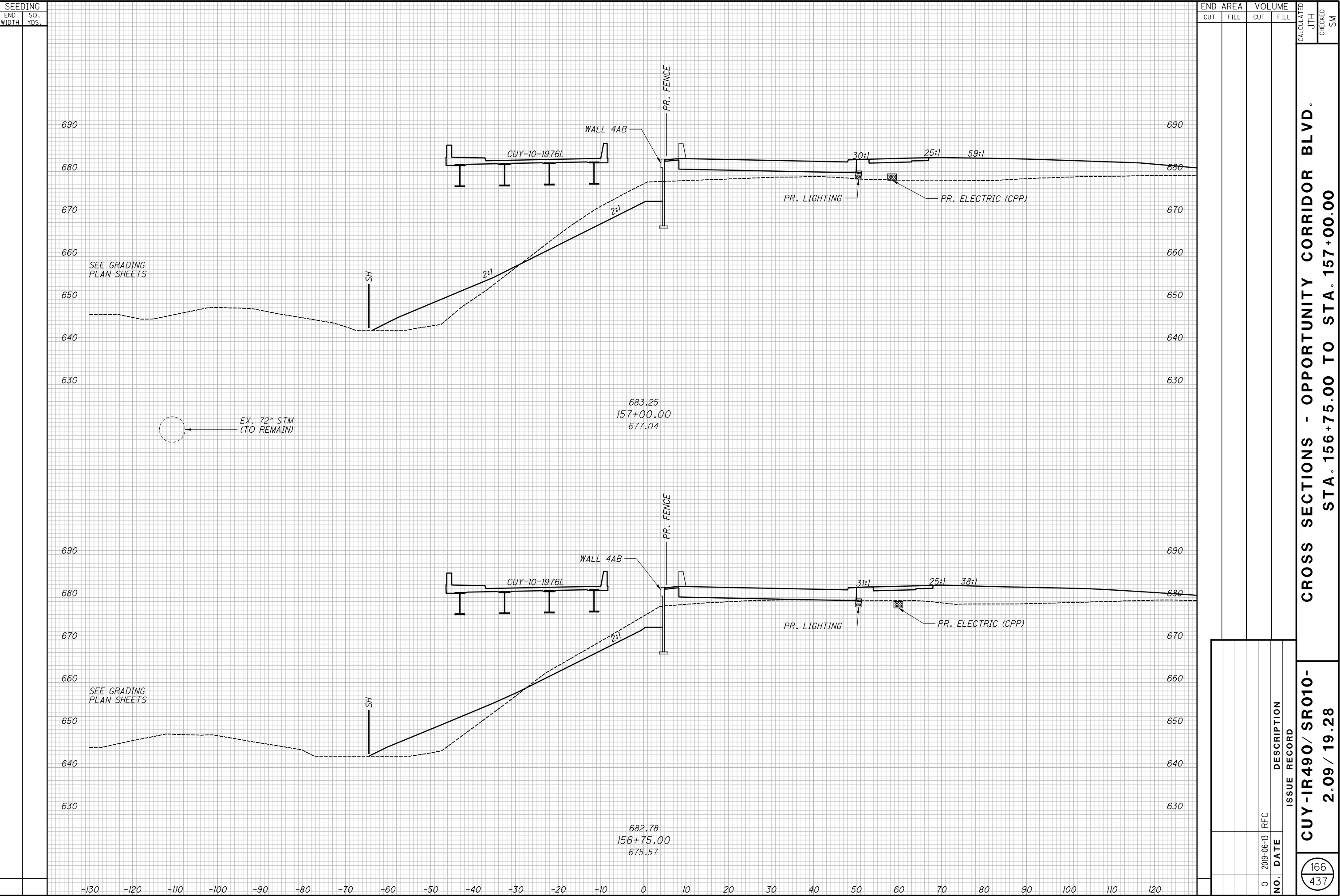
SEEDING		END AREA		VOLUME		CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.	
END	SO.	CUT	FILL	CUT	FILL	STA. 154+75.00 TO STA. 155+00.00	
WIDTH	YDS.						
			</				

163  
437









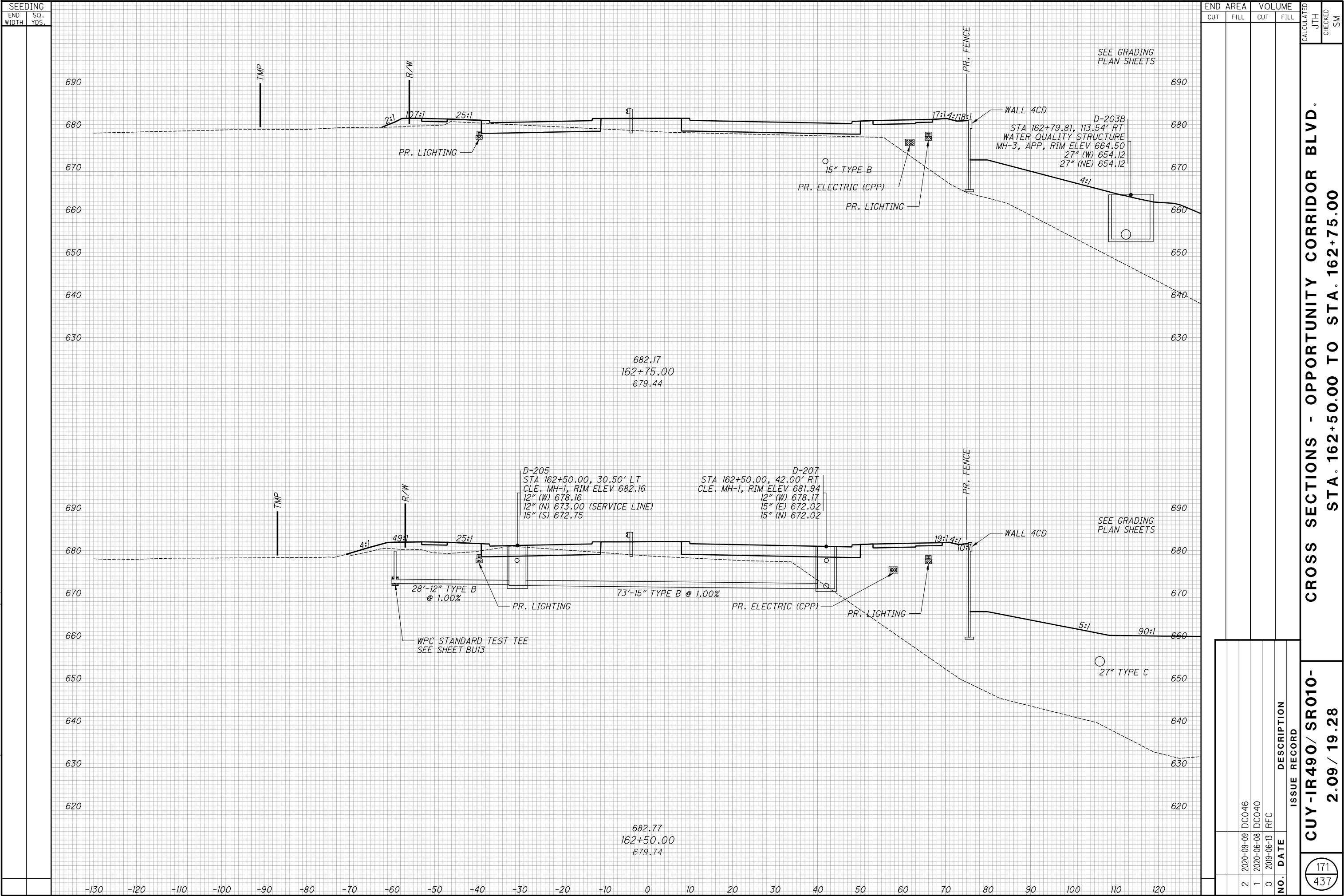
167  
437

$$\frac{168}{437}$$

<div style="text-align: center;">  </div>	<div style="text-align: center;"> <b>CUY-IR490/ SR010- 2.09 / 19.28</b> </div>	<div style="text-align: center;"> <b>CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 161+50.00 TO STA. 161+75.00</b> </div>
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170  
437



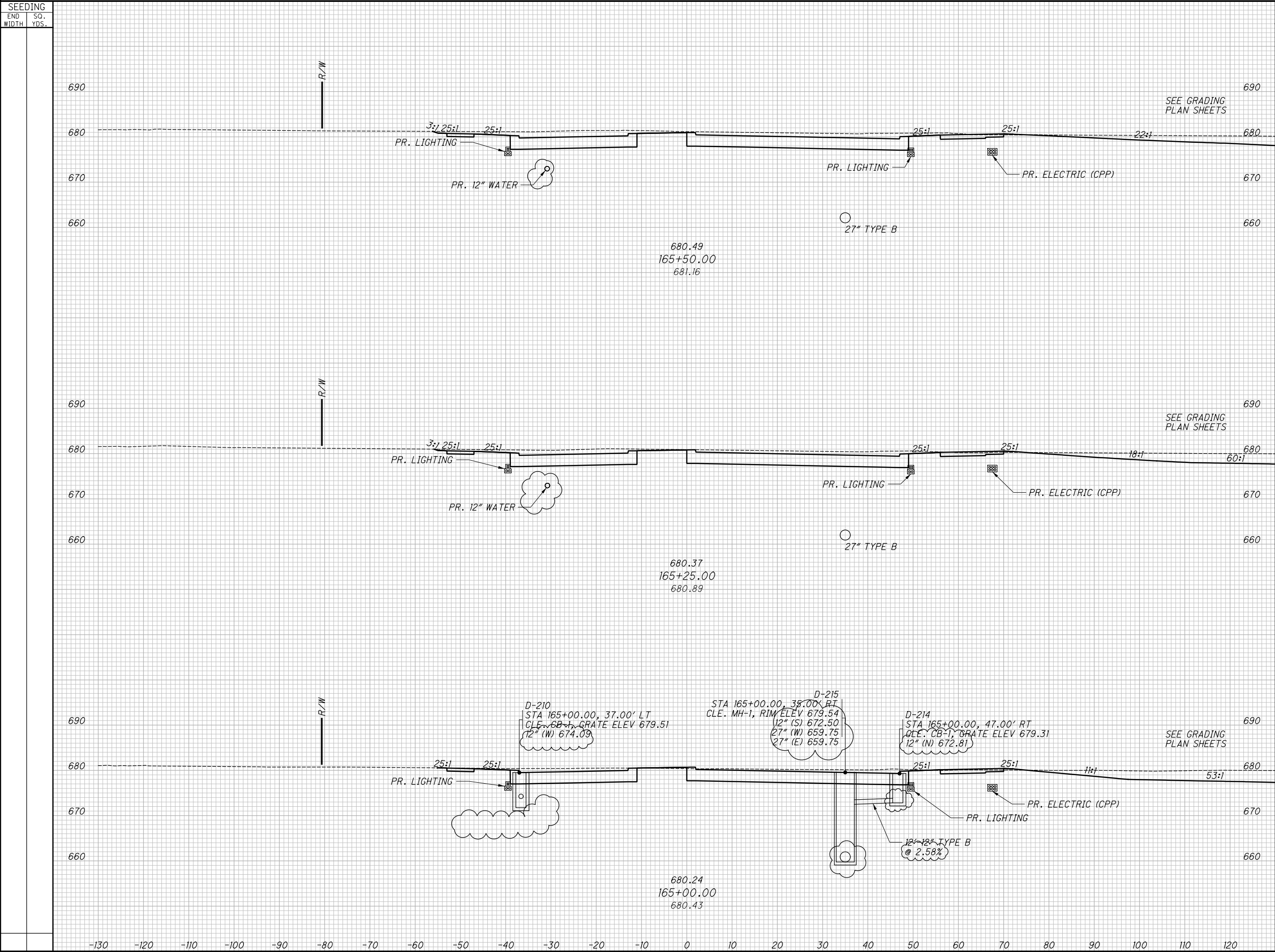
CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.  
STA. 162+50.00 TO STA. 162+75.00

CUY-IR490/ SR010-  
2.09 / 19.28

172  
437

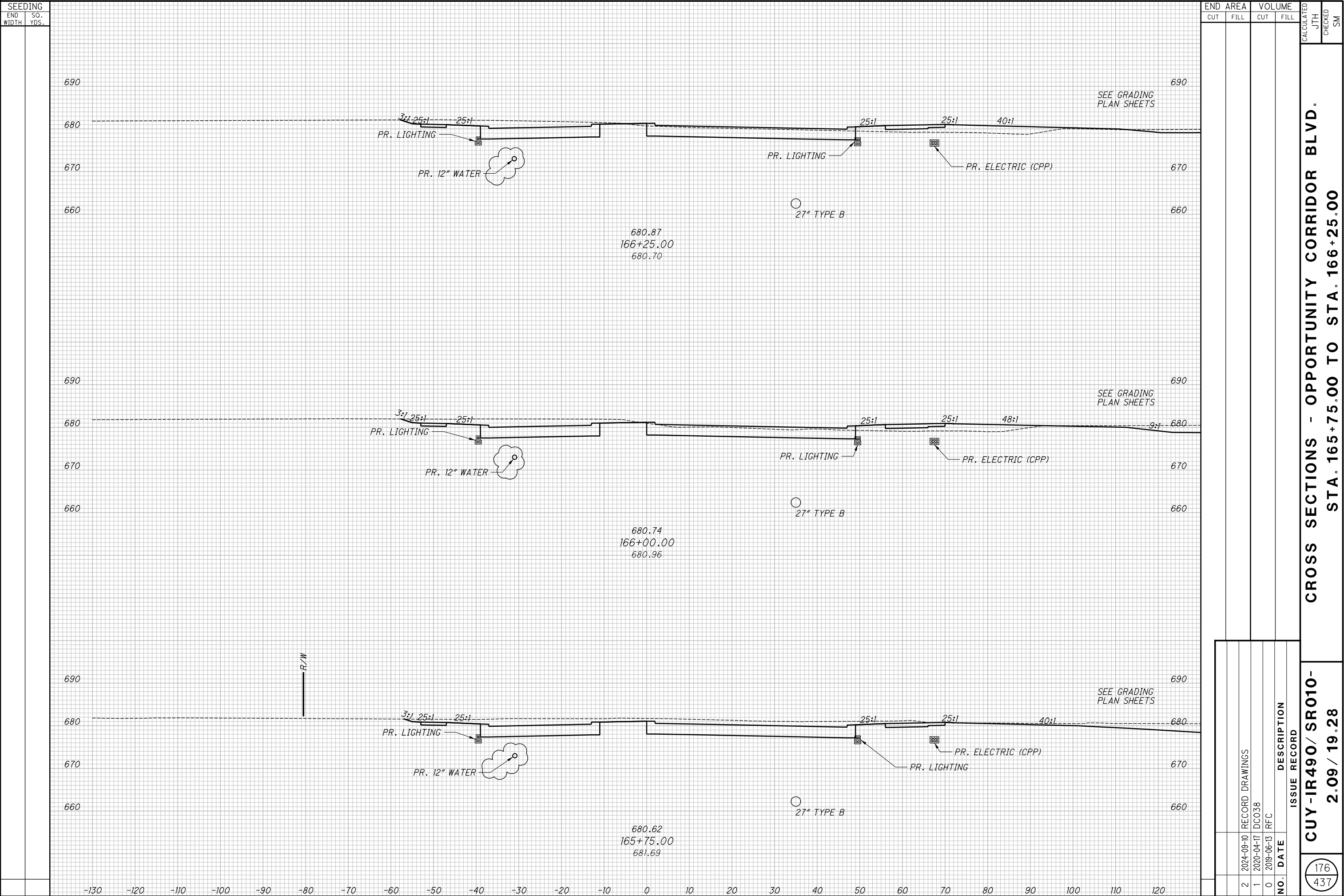
173  
437

<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: center;"> <b>CUY-IR490/ SR010- 2.09 / 19.28</b> </div> </div>	<b>CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 164+25.00 TO STA. 164+75.00</b>
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SEEDING		END AREA		VOLUME		CALCULATED JTH	CHECKED SM
END WIDTH	SO. YDS.	CUT	FILL	CUT	FILL		
CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.							
STA. 165+00.00 TO STA. 165+50.00							
RECORD PLANS							
3		RECORD DRAWINGS		NO. DATE		DESCRIPTION	
2		2020-06-08 DCO40		1		2020-04-17 DCO38	
1		2020-04-17 DCO38		0		2019-06-13 RFC	
175		437		175		437	

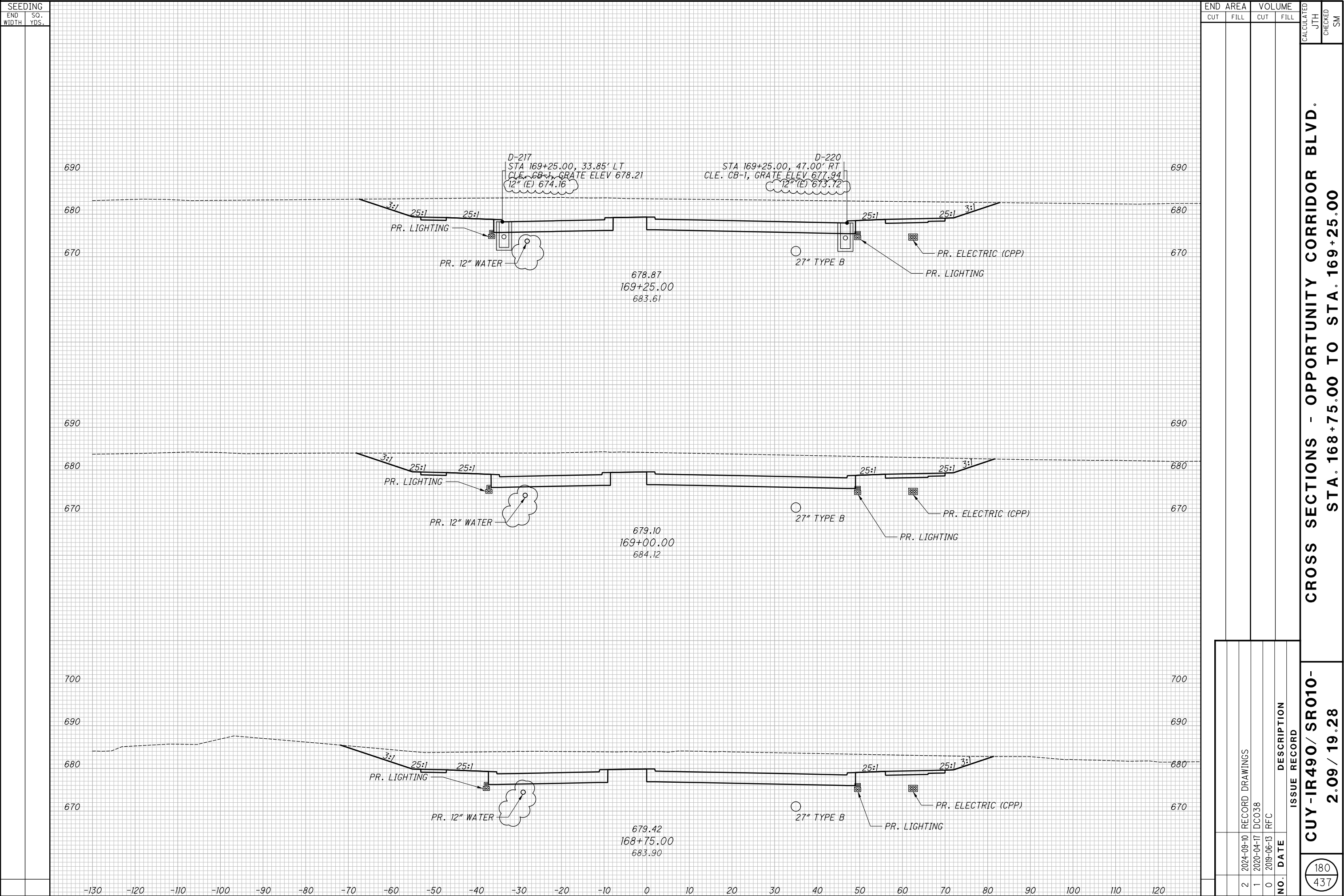




**CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.  
STA. 166+50.00 TO STA. 167+00.00**

**SECTIONS - OPPORTUNITY CORRIDOR BLVD.  
STA. 167+25.00 TO STA. 167+75.00**

**CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.  
STA. 168+00.00 TO STA. 168+50.00**



CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.  
STA. 168+75.00 TO STA. 169+25.00

CUY-IR490/ SR010-  
2.09 / 19.28

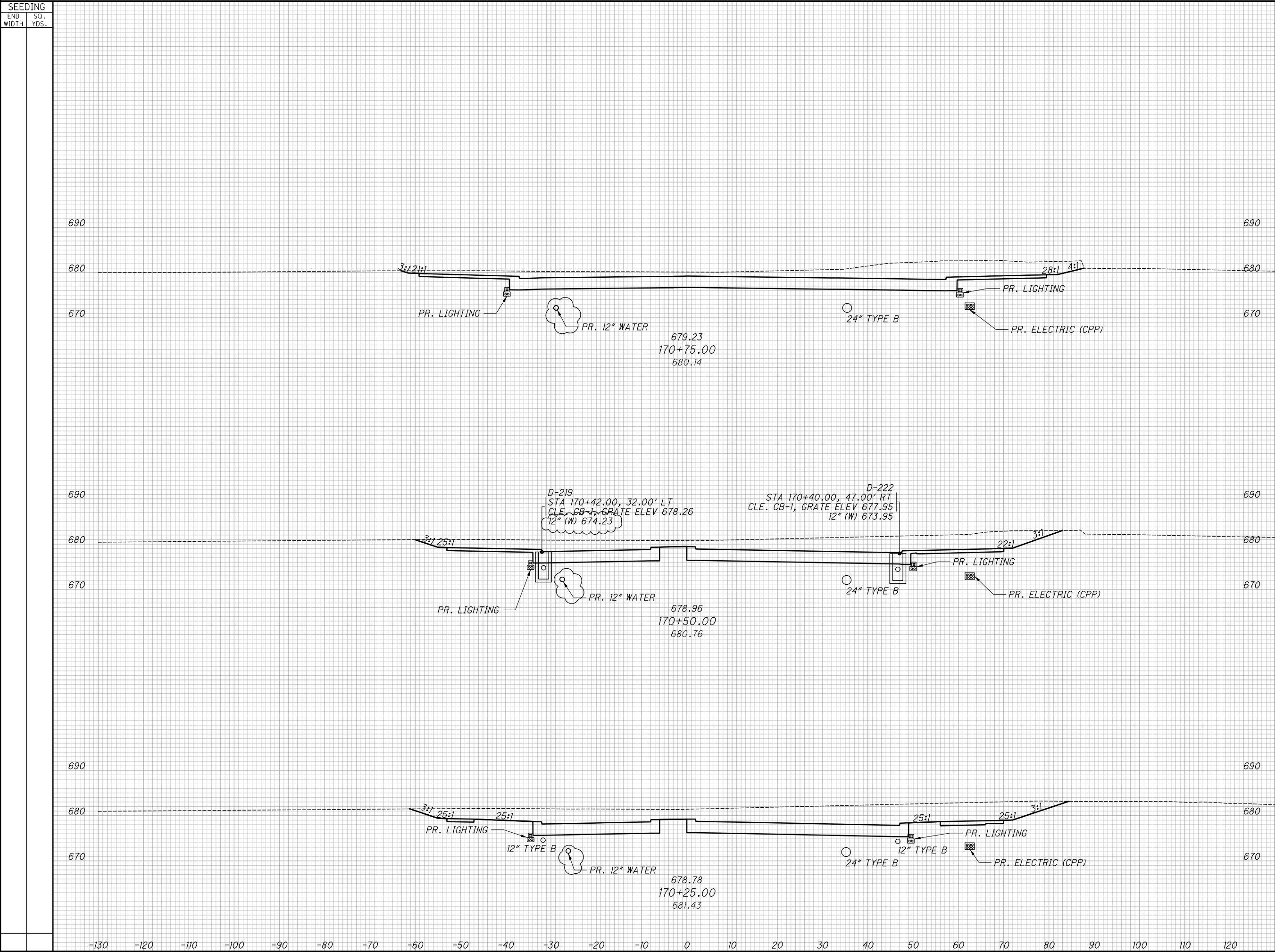
RECORD PLANS

RECORD PLANS

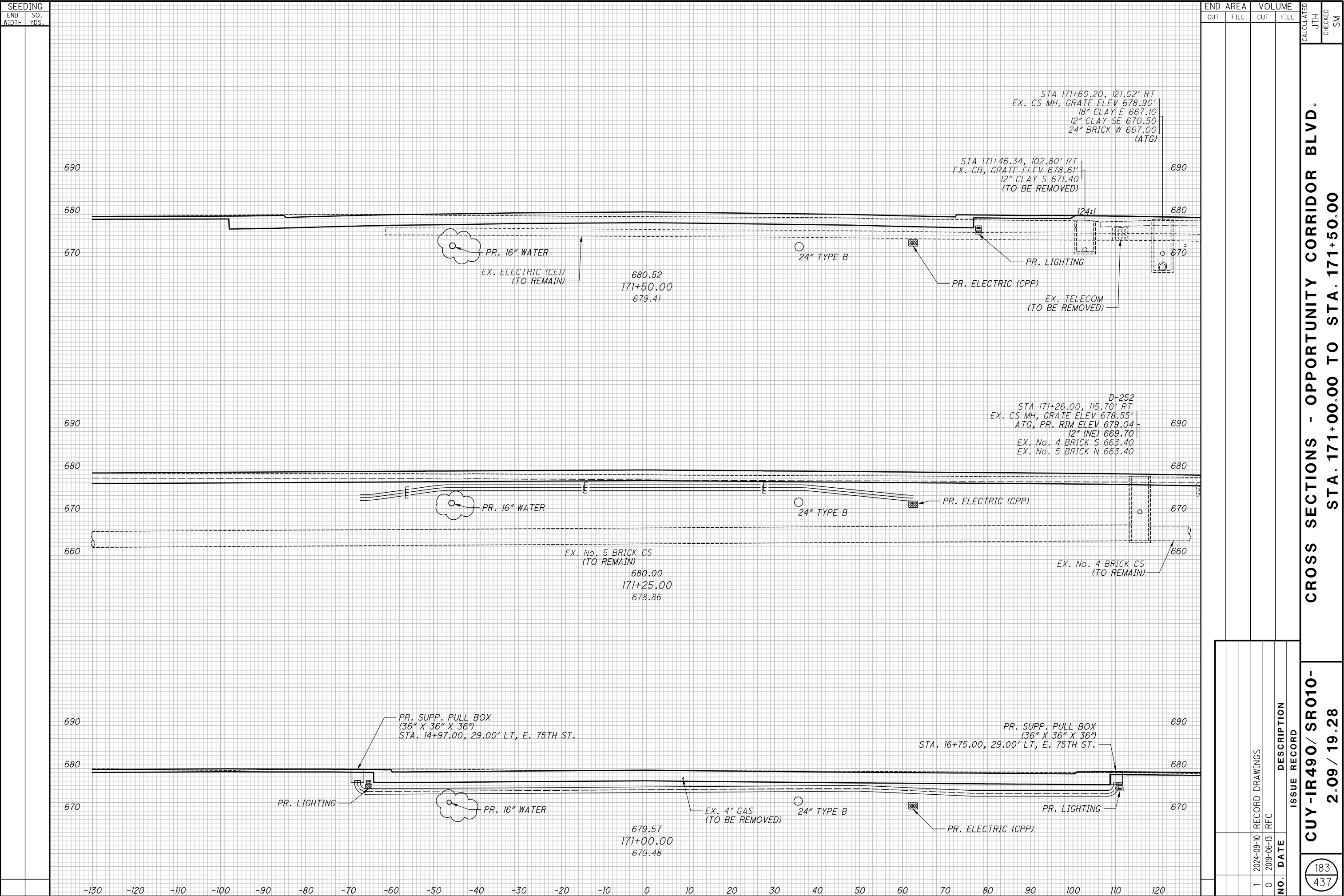
180  
437

181  
437



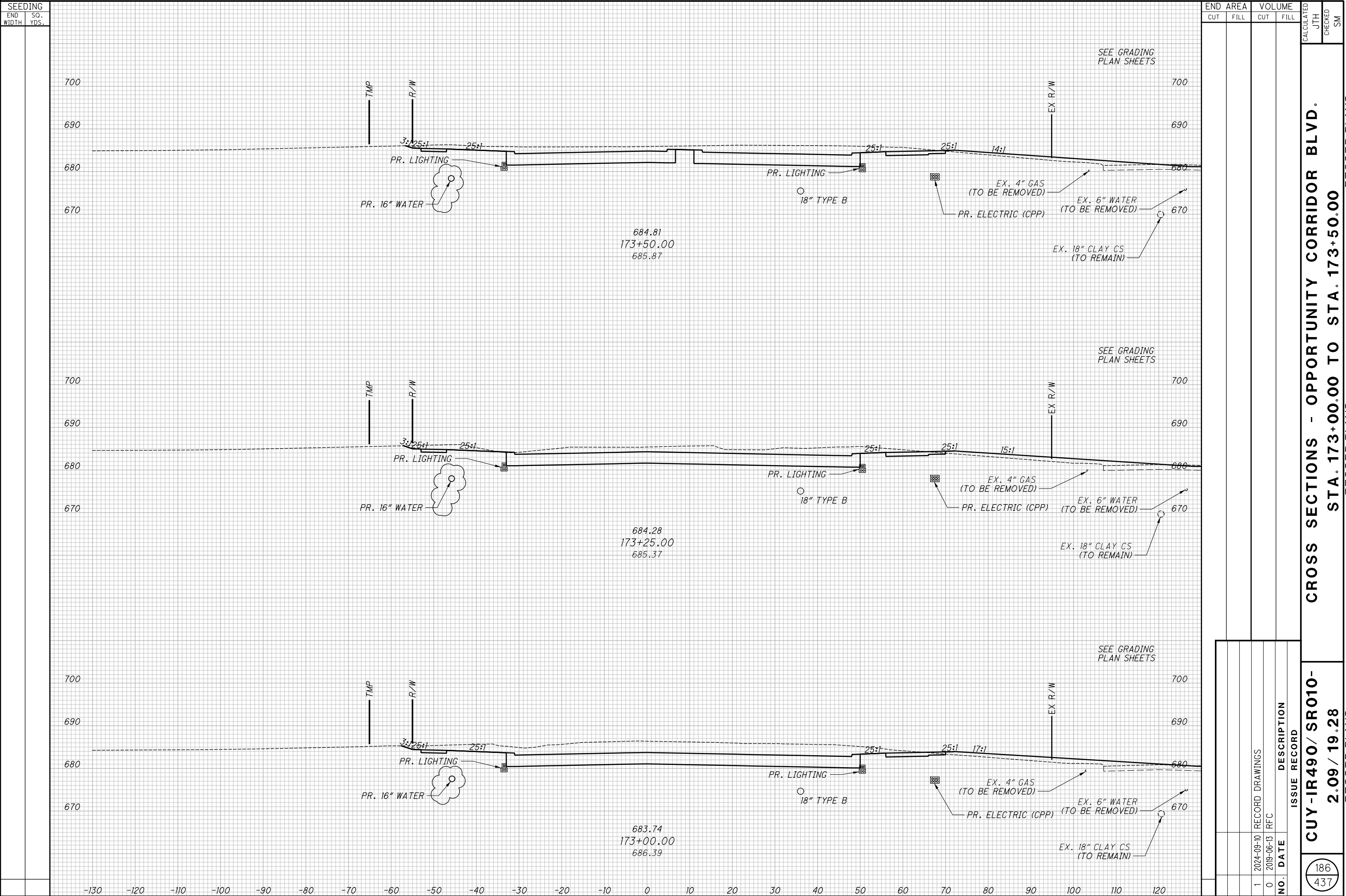


END		AREA		VOLUME		CALCULATED JTH	CHECKED SM
CUT		FILL		CUT	FILL		
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
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						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
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						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
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						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 170+25.00 TO STA. 170+75.00	



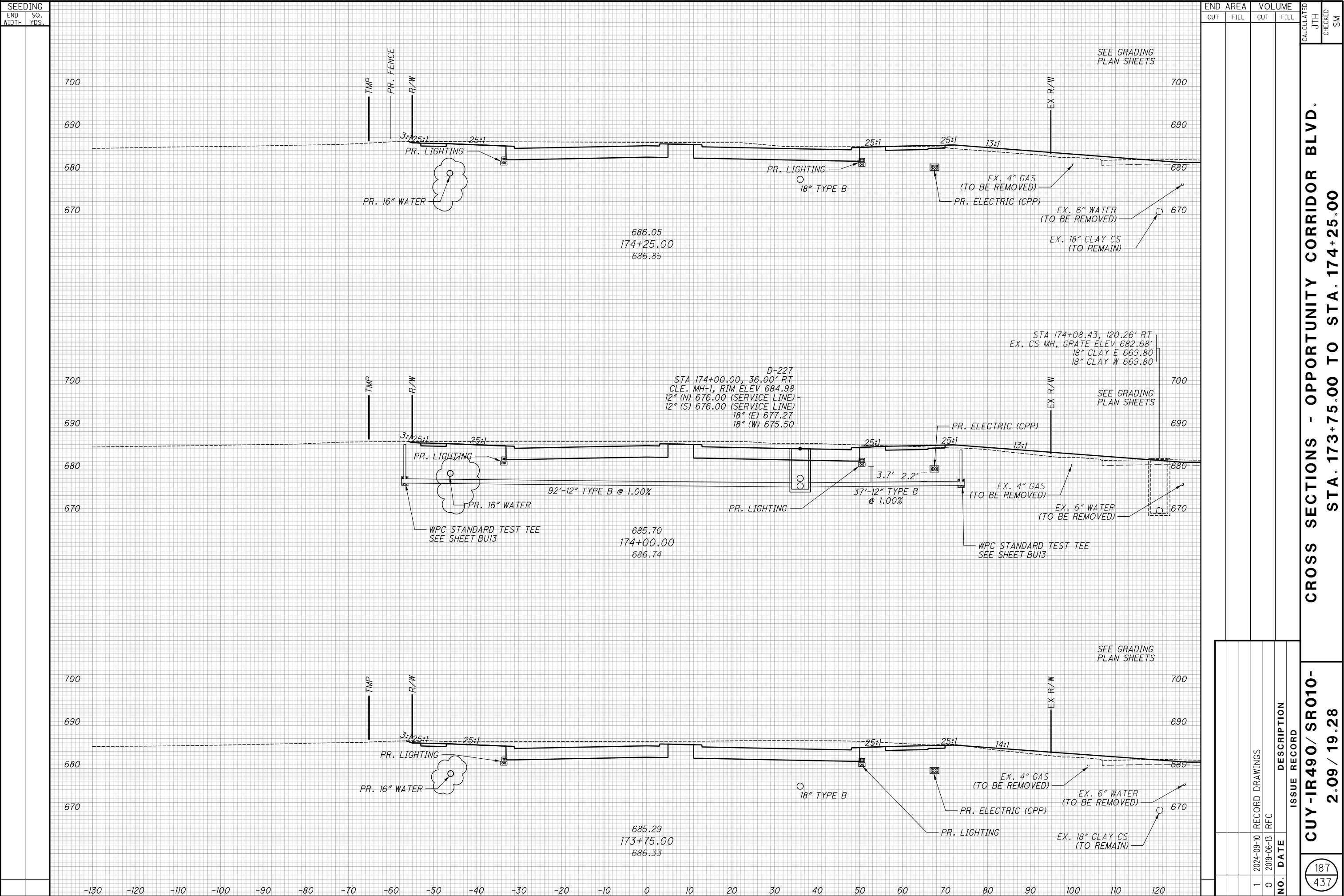
184  
437

185  
437

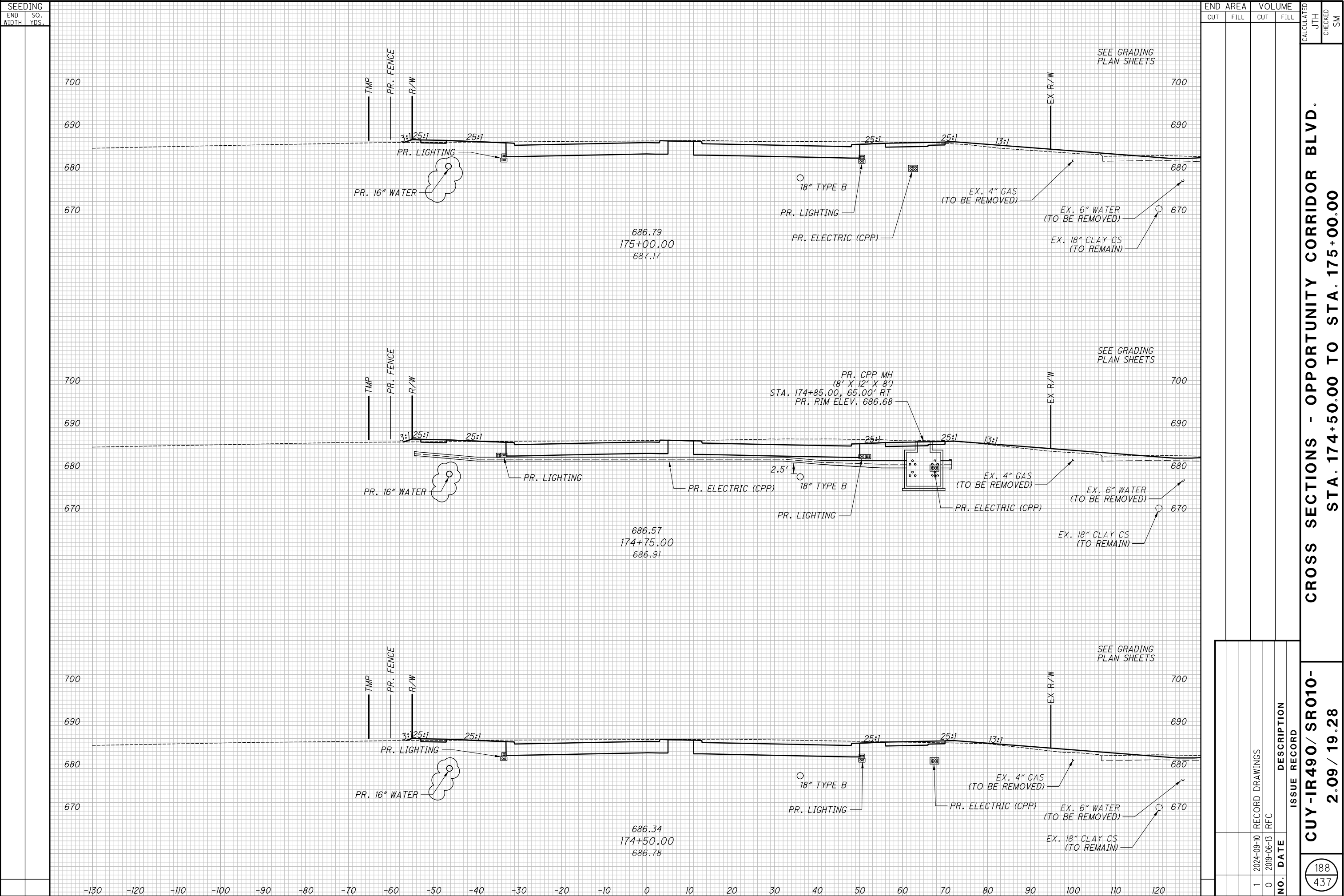


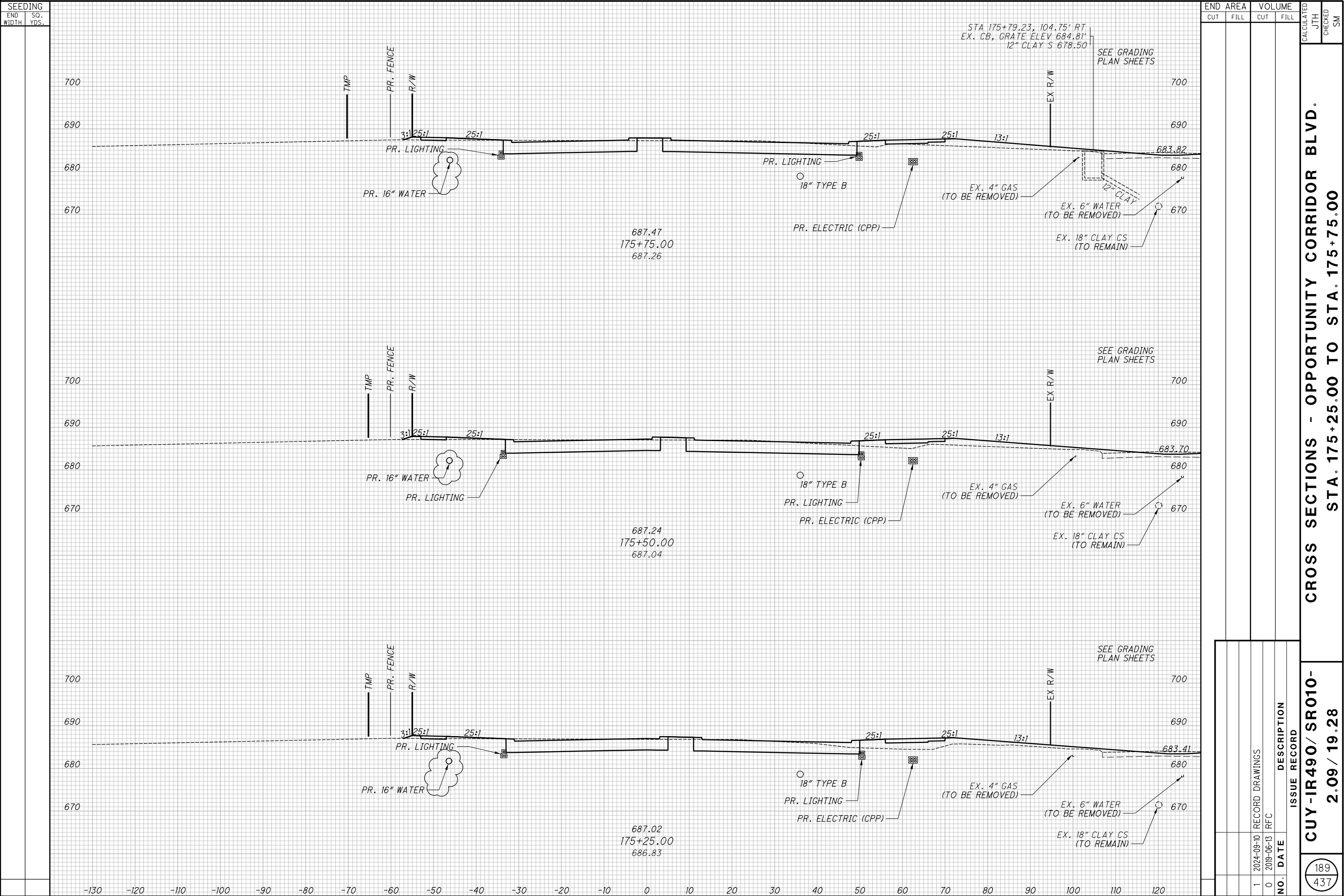
CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.  
STA. 173+00.00 TO STA. 173+50.00

CUY-IR490/ SR010-  
2.09 / 19.28





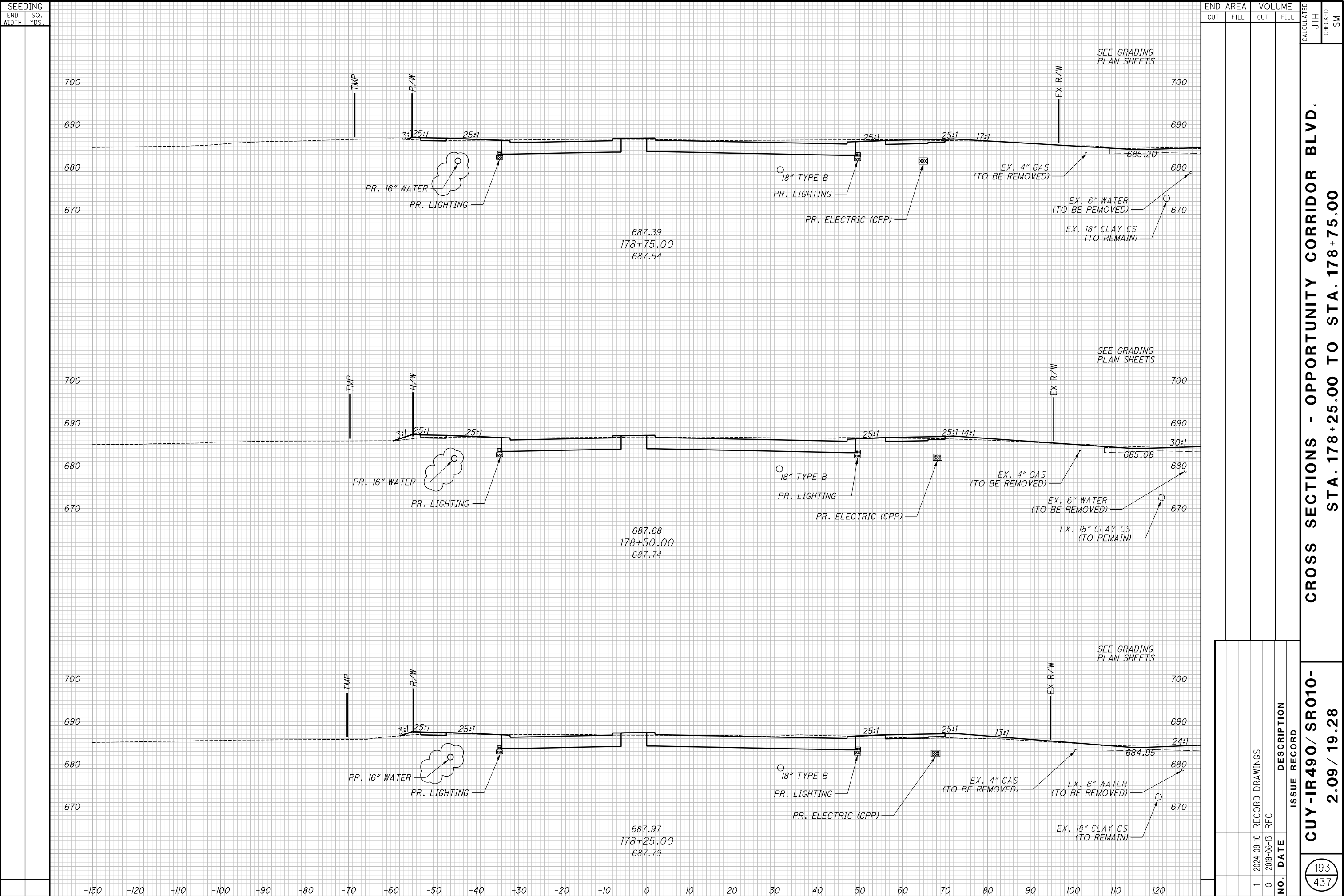




**CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.**  
**STA. 176+00.00 TO STA. 176+50.00**

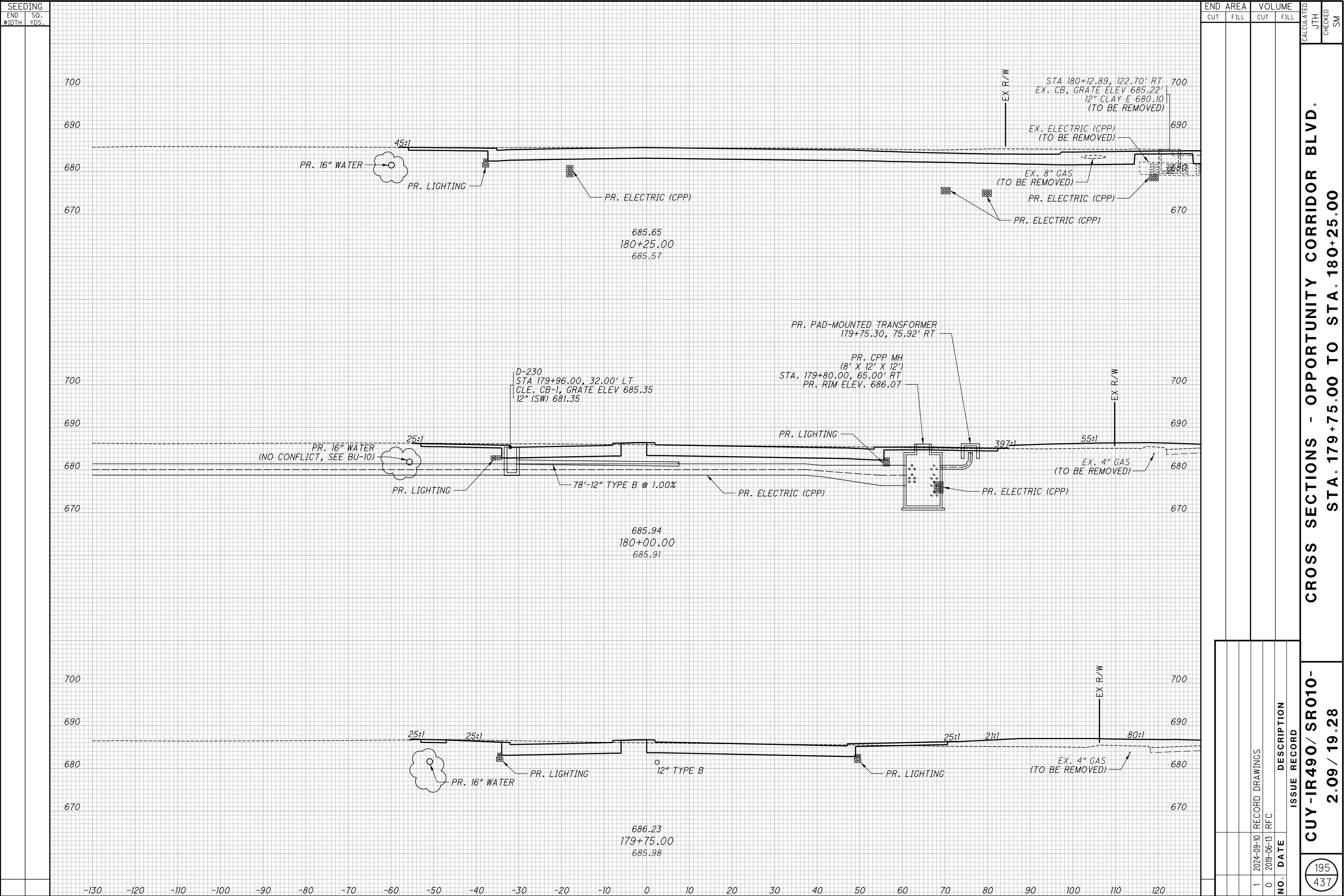
**CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.  
STA. 176+75.00 TO STA. 177+25.00**

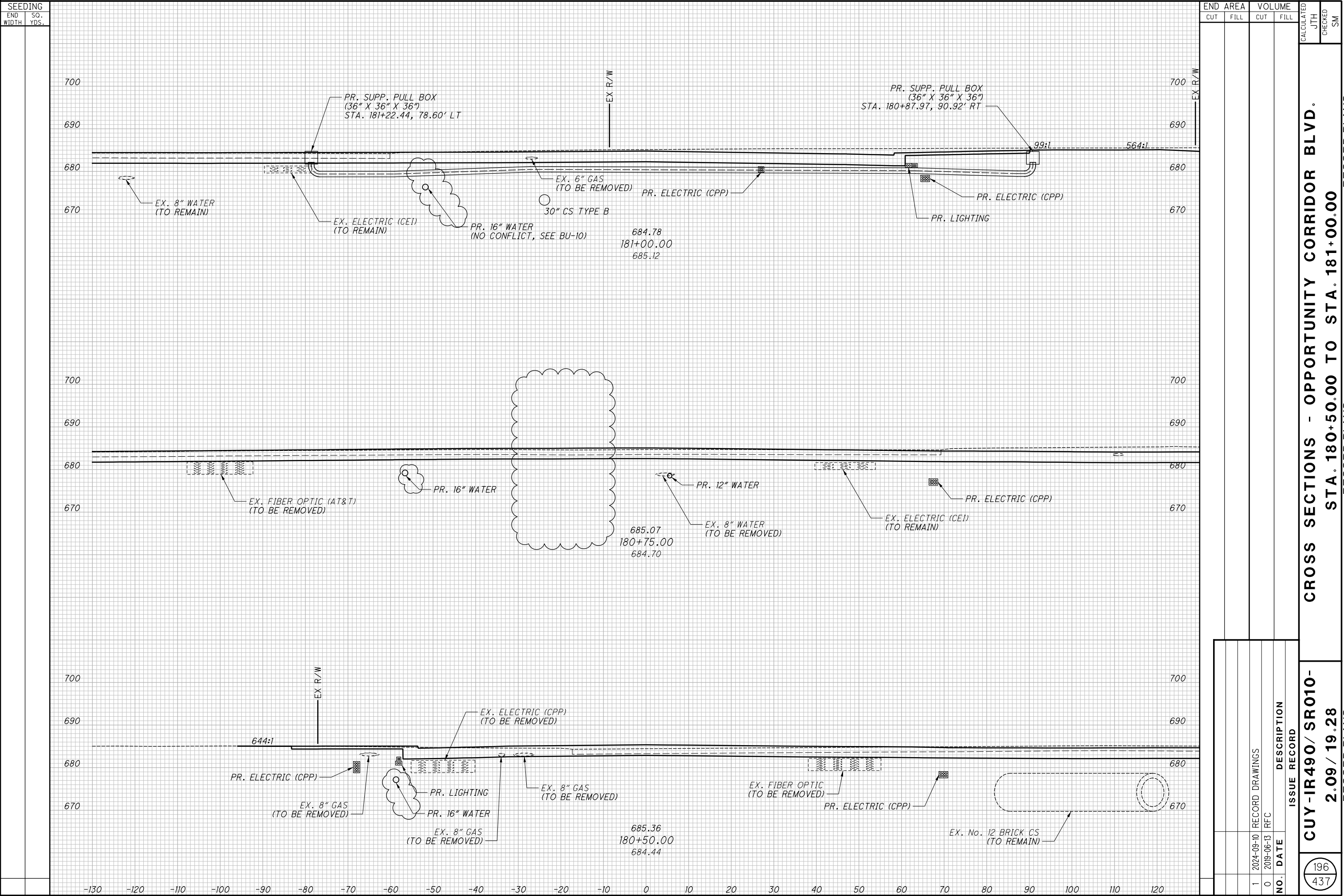
$$\frac{192}{437}$$





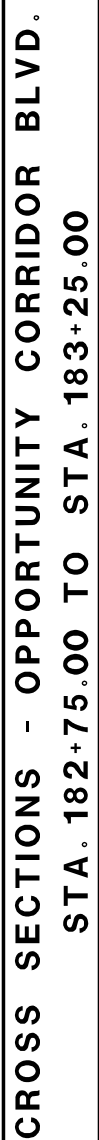
<div style="text-align: center;">  </div>	<div style="text-align: center;"> <b>CUY-IR490/ SR010- 2.09 / 19.28</b> </div>	<div style="text-align: center;"> <b>CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 179+00.00 TO STA. 179+50.00</b> </div>
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197  
437

198  
437





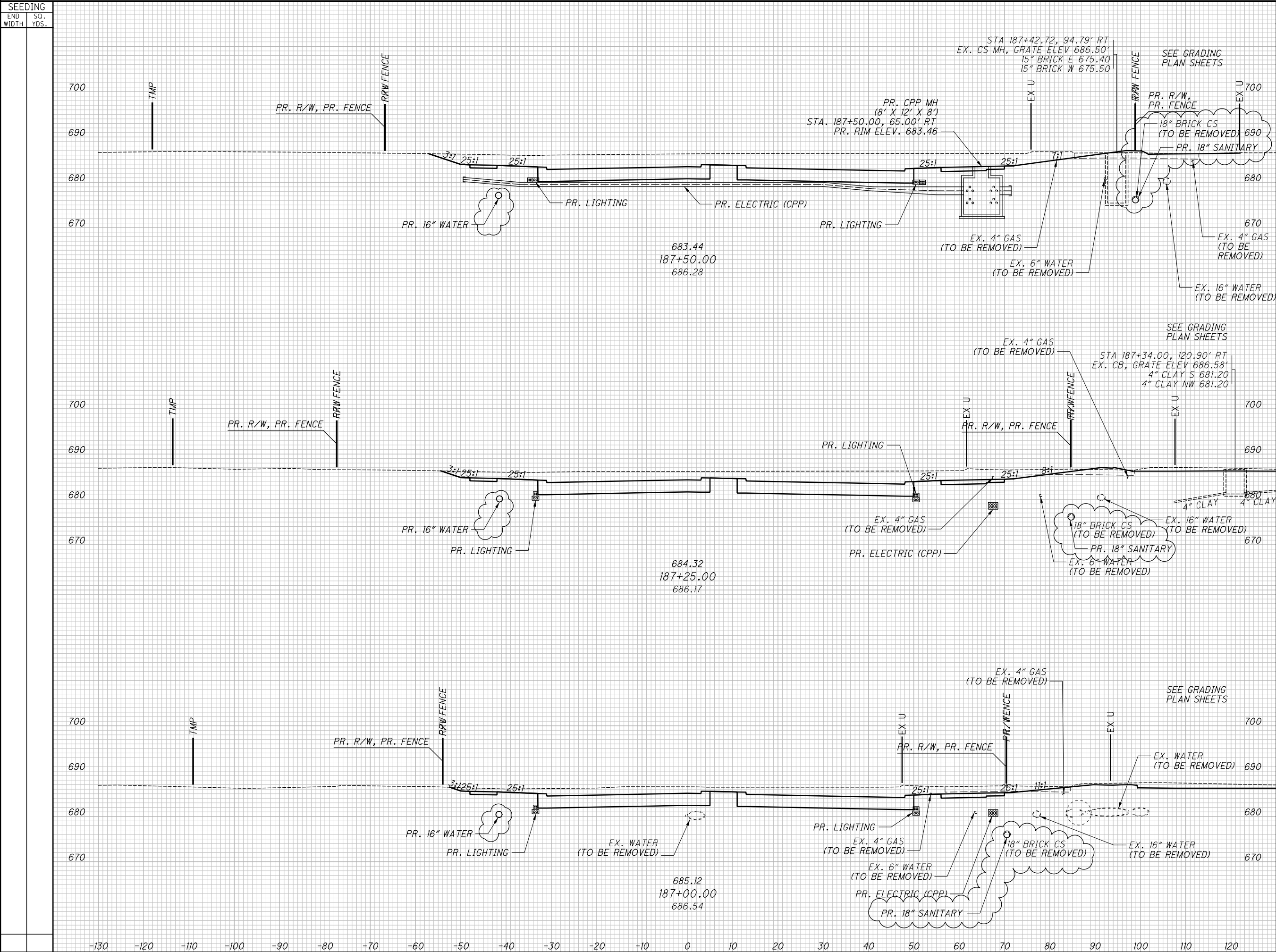
-IR490/ SR010- 2.09 / 19.28	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 183+50.00 TO STA. 183+75.00
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**CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.  
STA. 184+00.00 TO STA. 184+50.00**

$$\frac{202}{437}$$

**CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.  
STA. 185+50.00 TO STA. 186+00.00**

204  
437



END		AREA		VOLUME		CALCULATED		CHECKED	
CUT		FILL		CUT		FILL		JTH	

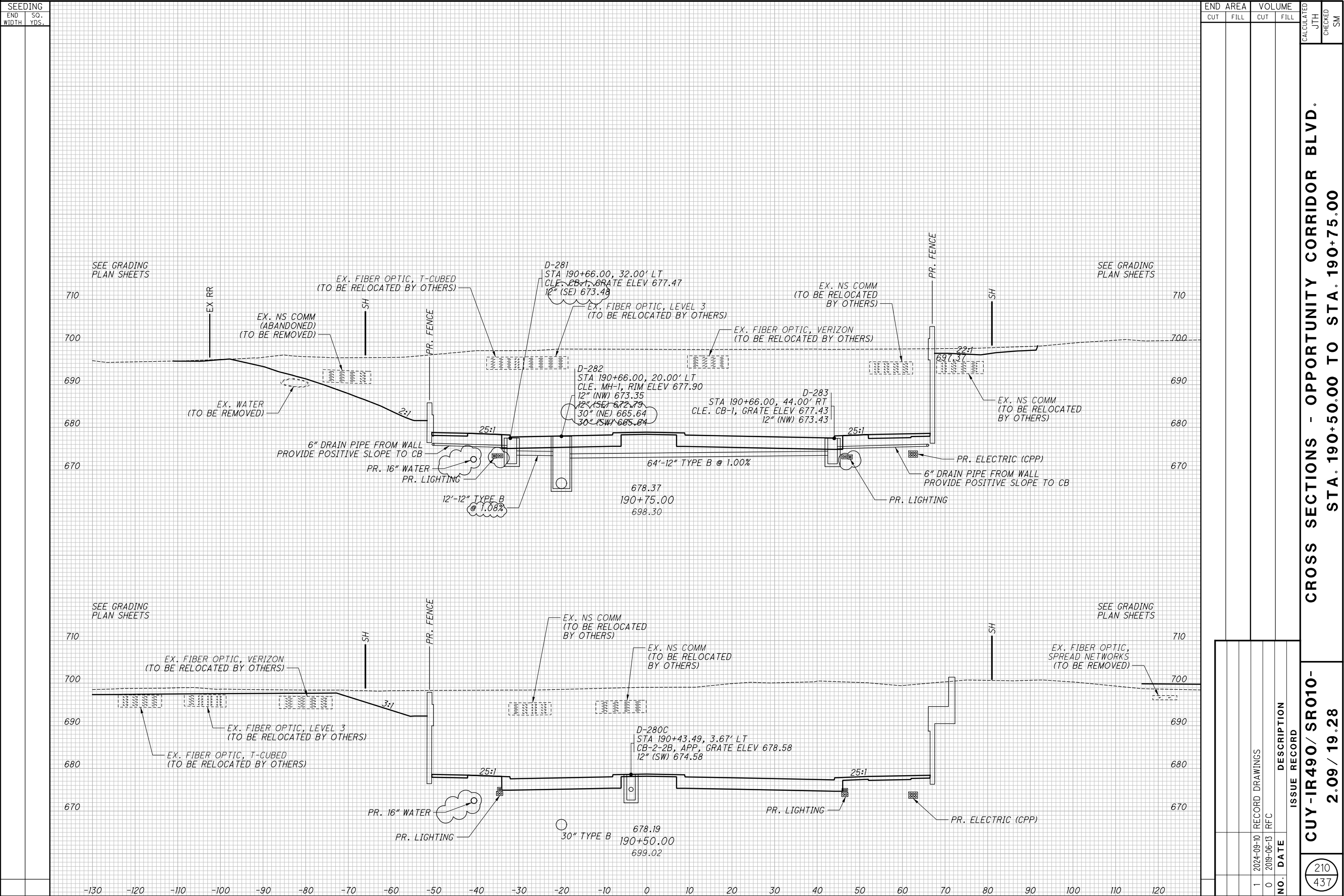


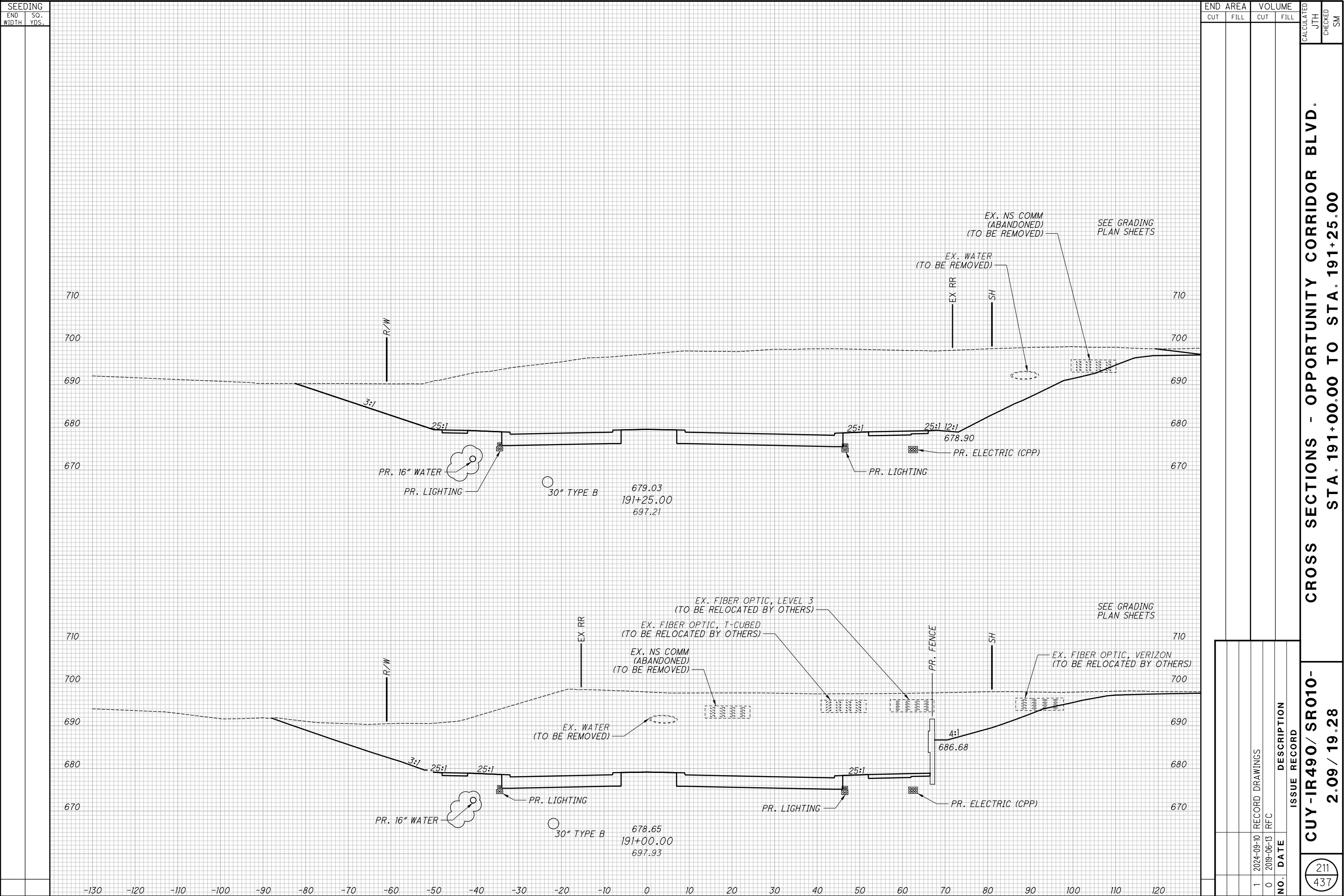
**CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.  
STA. 187+75.00 TO STA. 188+25.00**

-IR490/ SR010- 2.09 / 19.28	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 188+50.00 TO STA. 189+00.00
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$$\frac{208}{437}$$

[illegible]







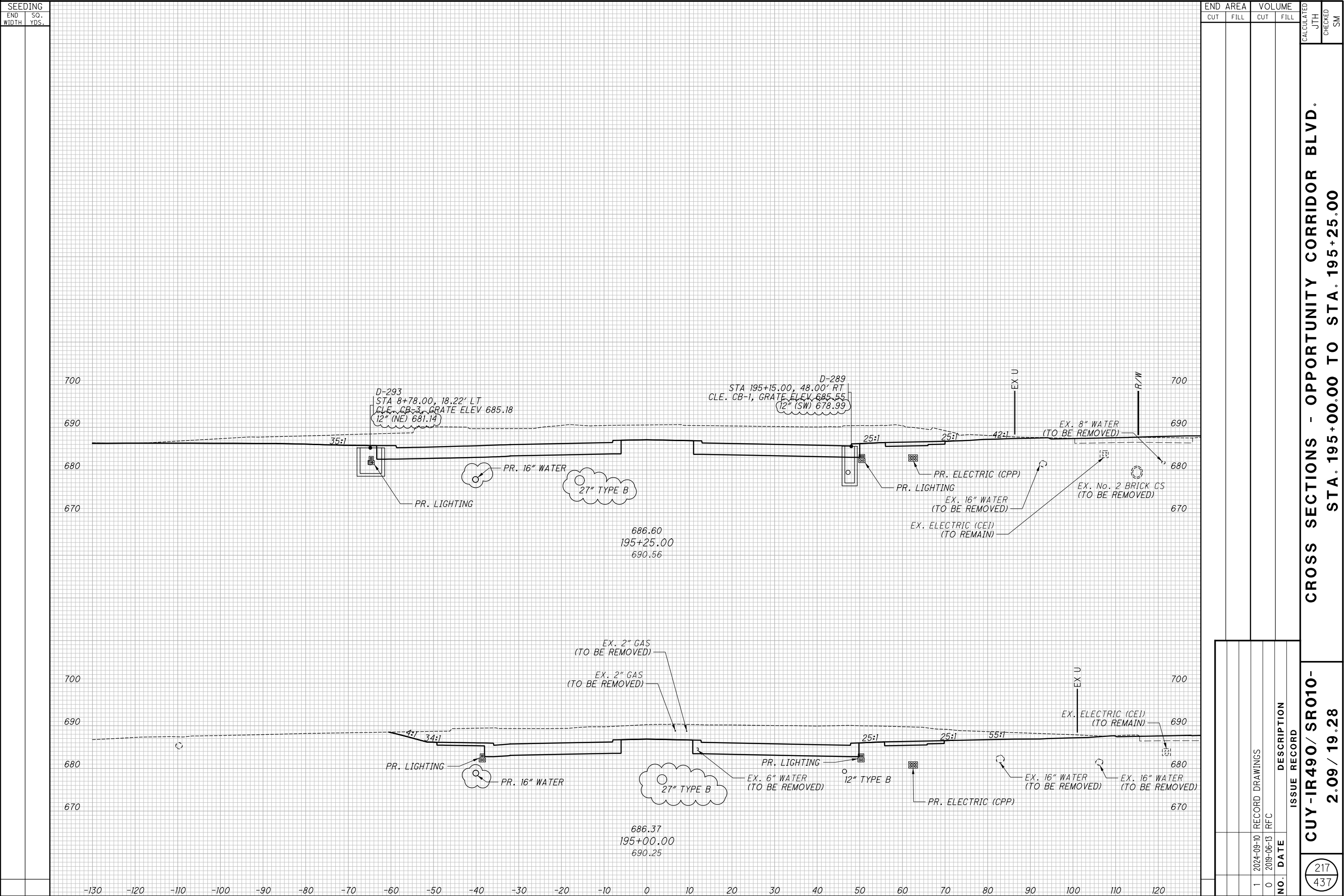
**CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.**

**CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.**  
**STA. 192+25.00 TO STA. 192+75.00**

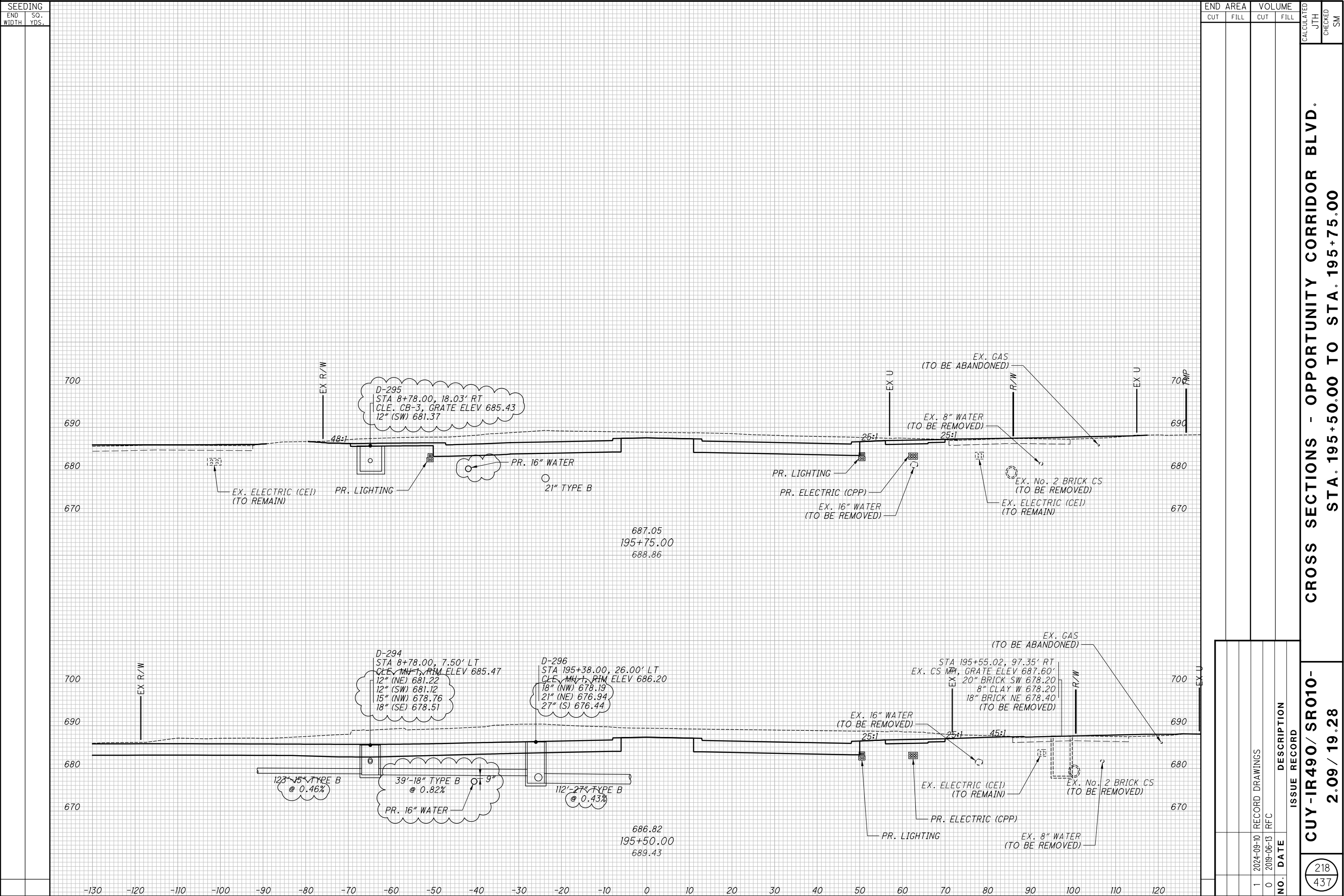
**CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.**  
**STA. 193+00.00 TO STA. 193+50.00**

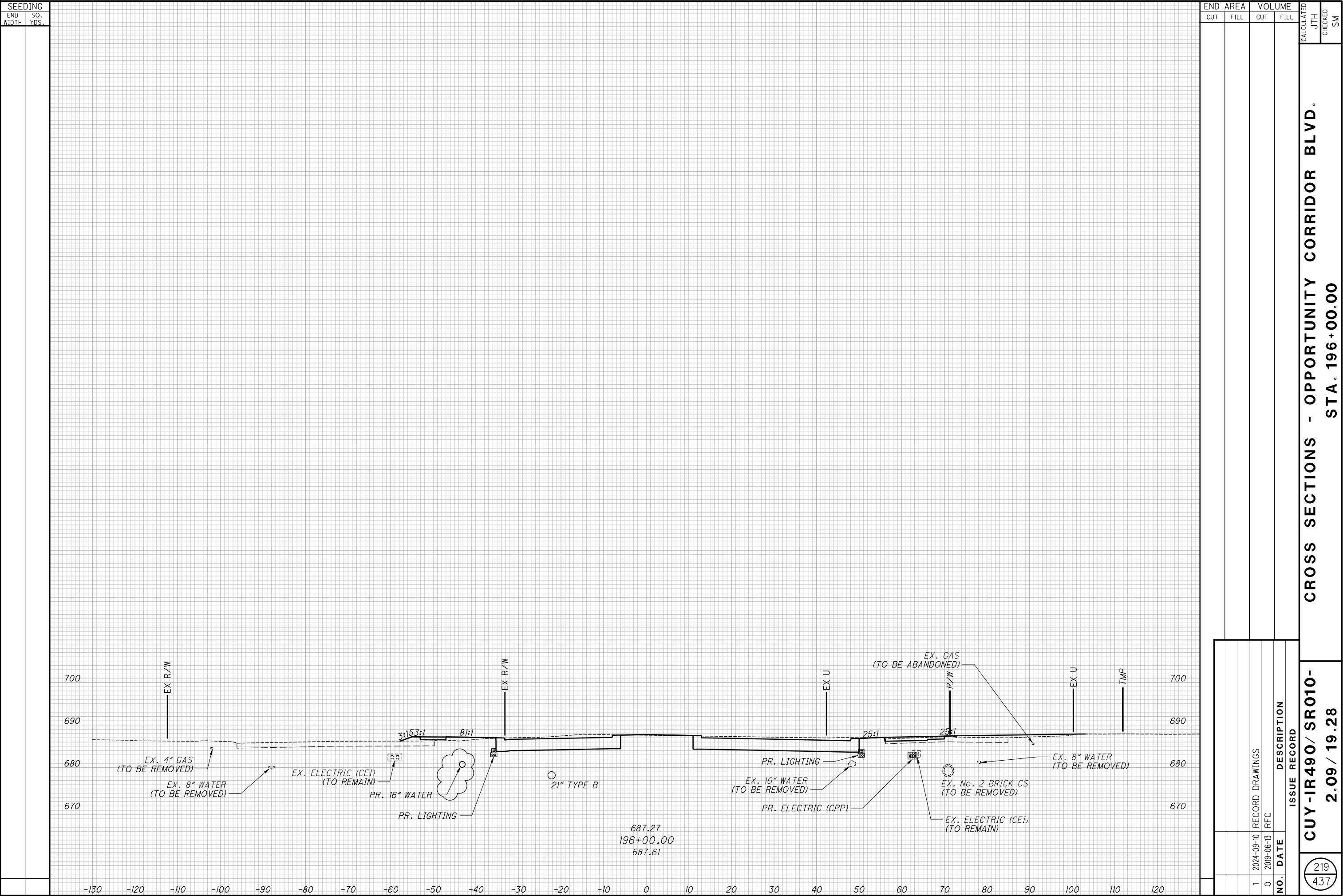
**CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.  
STA. 193+75.00 TO STA. 194+25.00**

**CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.  
STA. 194+50.00 TO STA. 194+75.00**



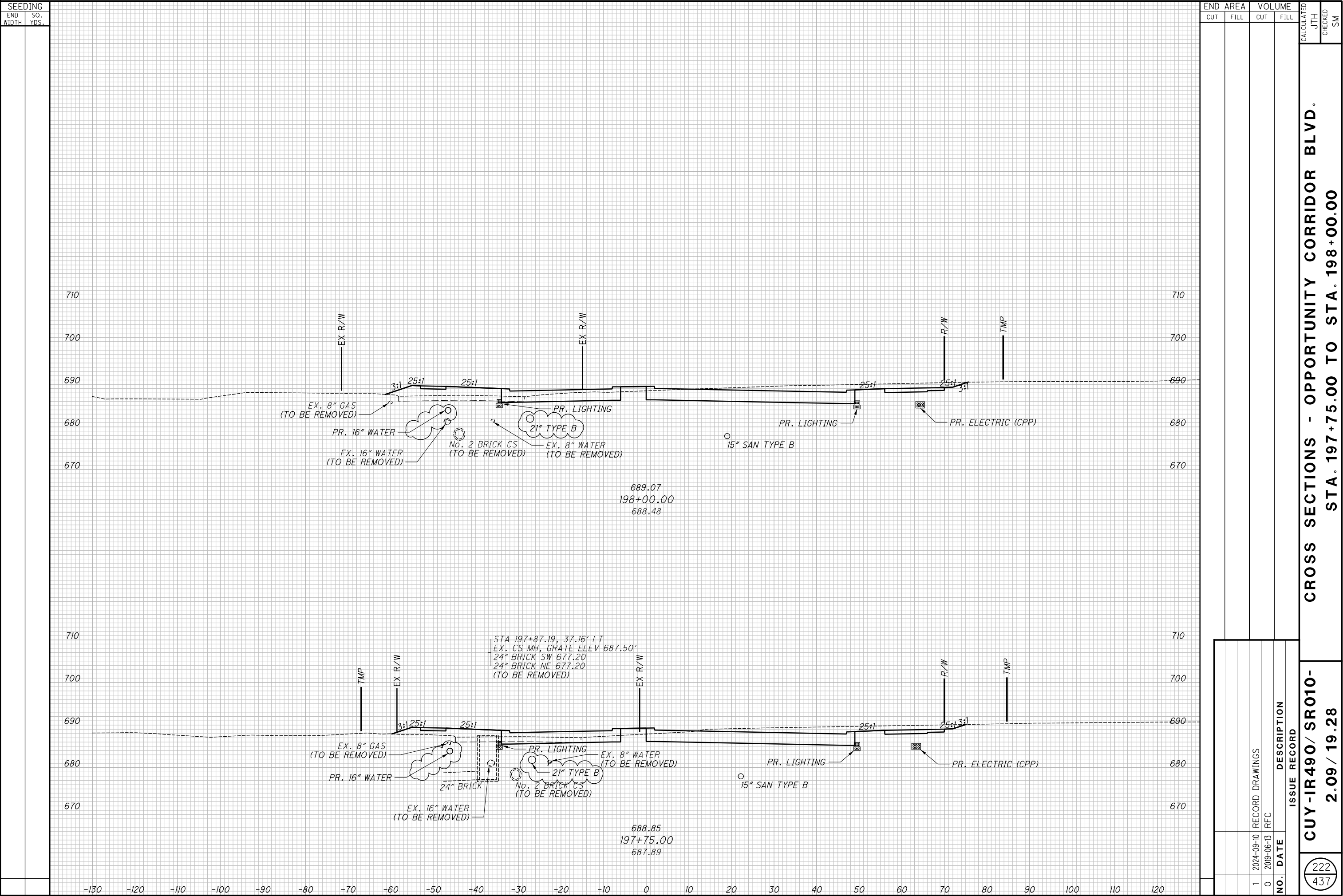






**CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.  
STA. 196+25.00 TO STA. 196+75.00**

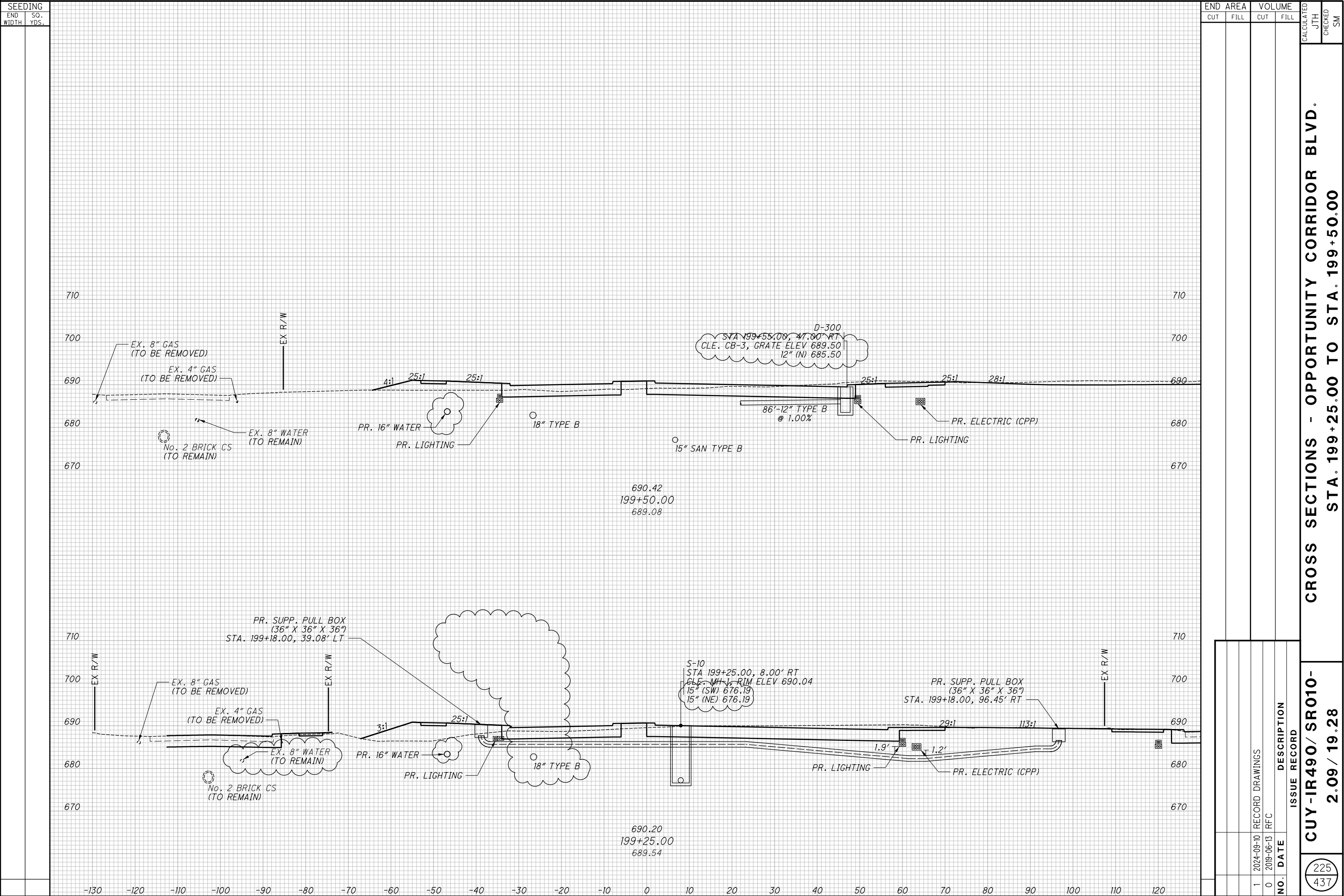
$$\frac{221}{437}$$



-IR490/SR010-	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.
2.09 / 19.28	STA. 198+25.00 TO STA. 198+50.00
RECORD PLANS	RECORD PLANS

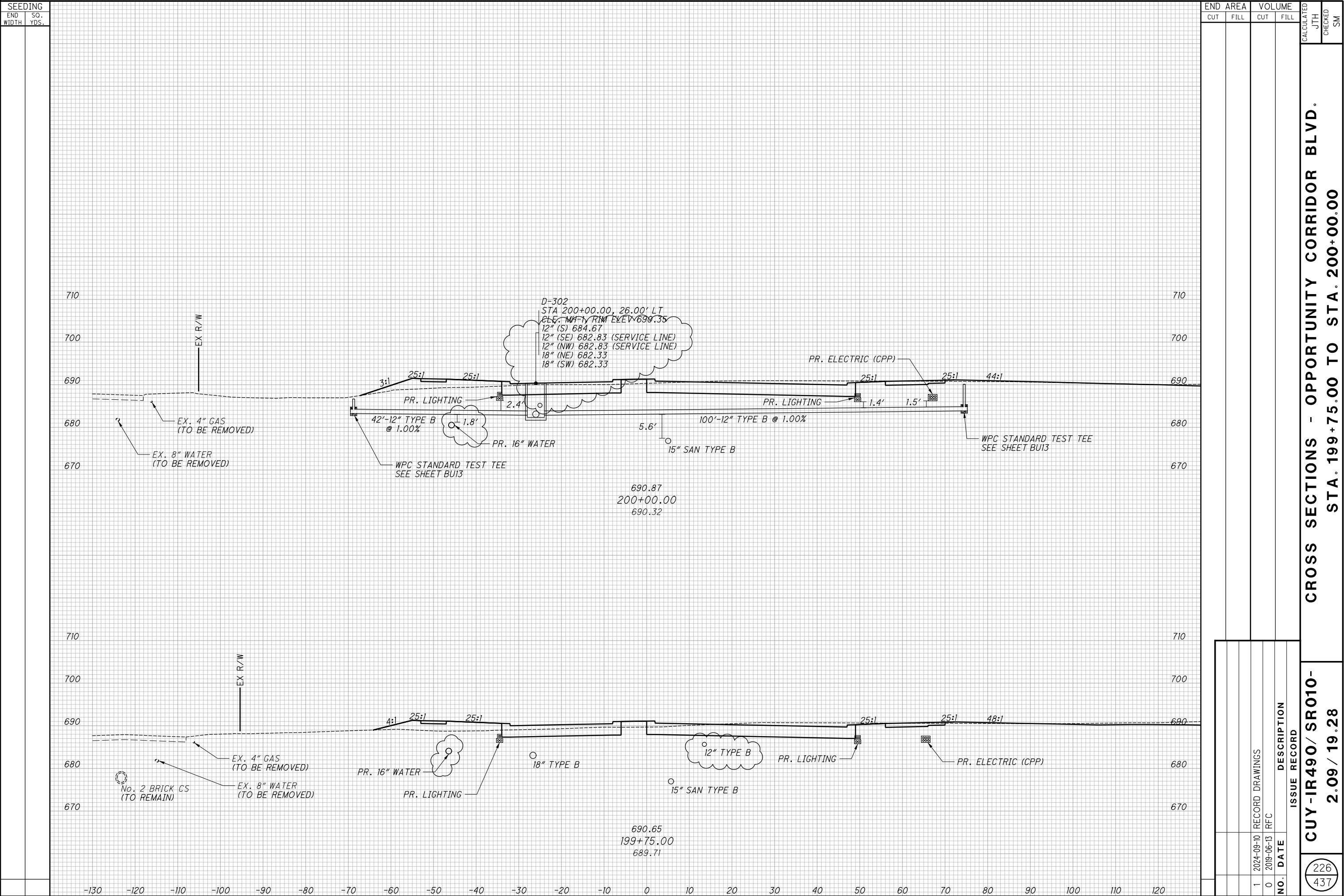
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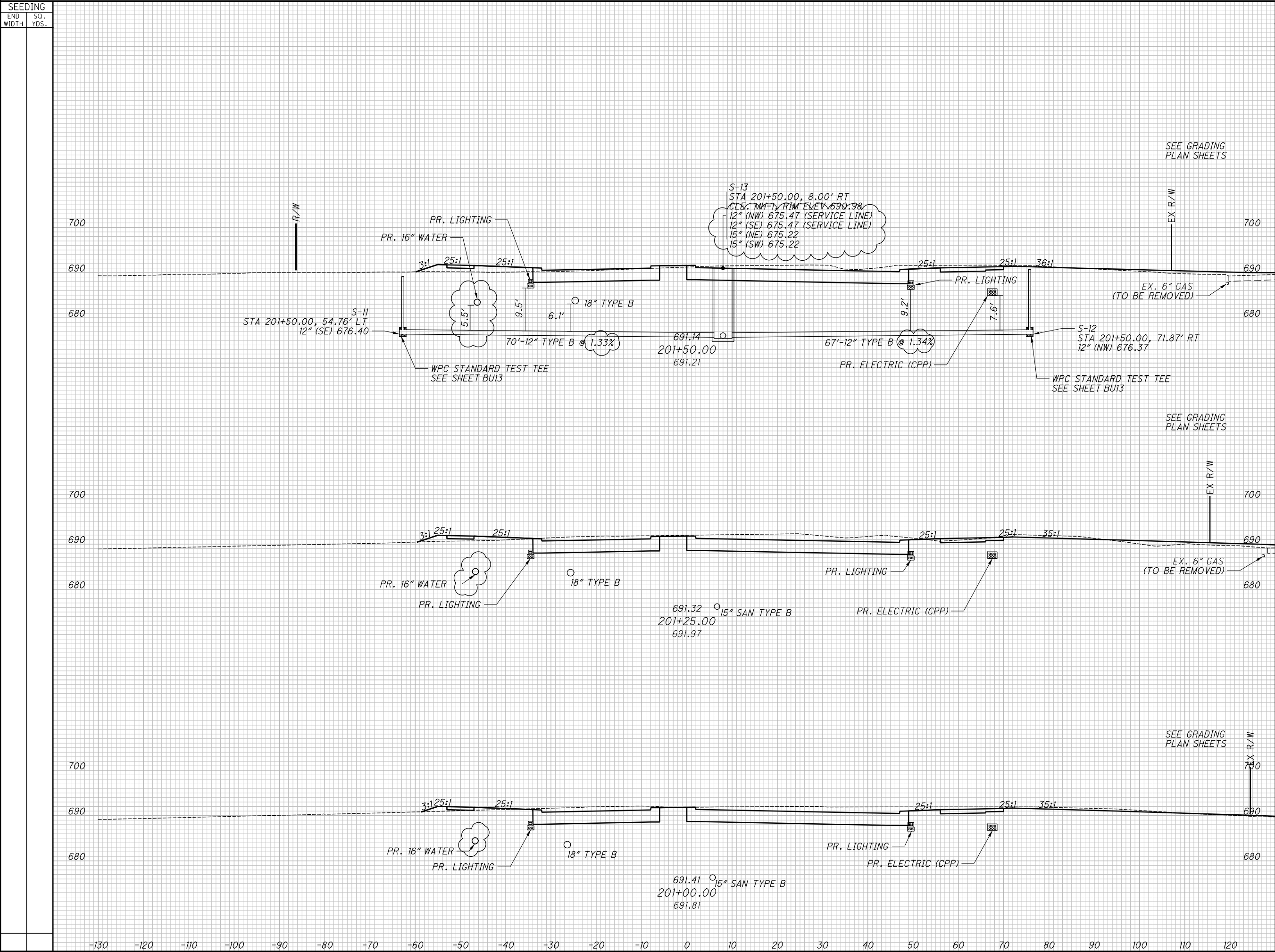


CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.  
STA. 199+25.00 TO STA. 199+50.00

CUY-IR490/ SR010-  
2.09 / 19.28

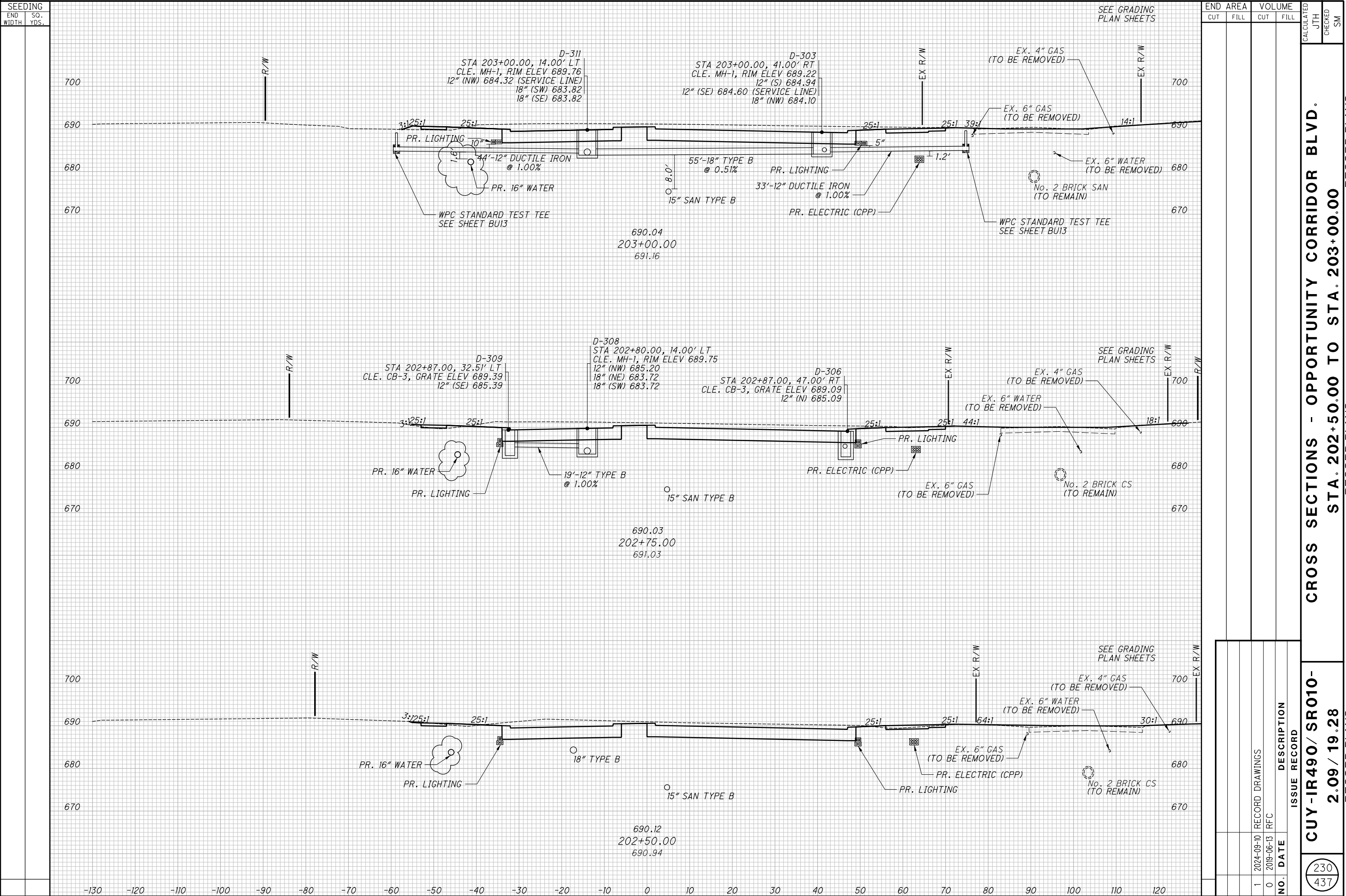


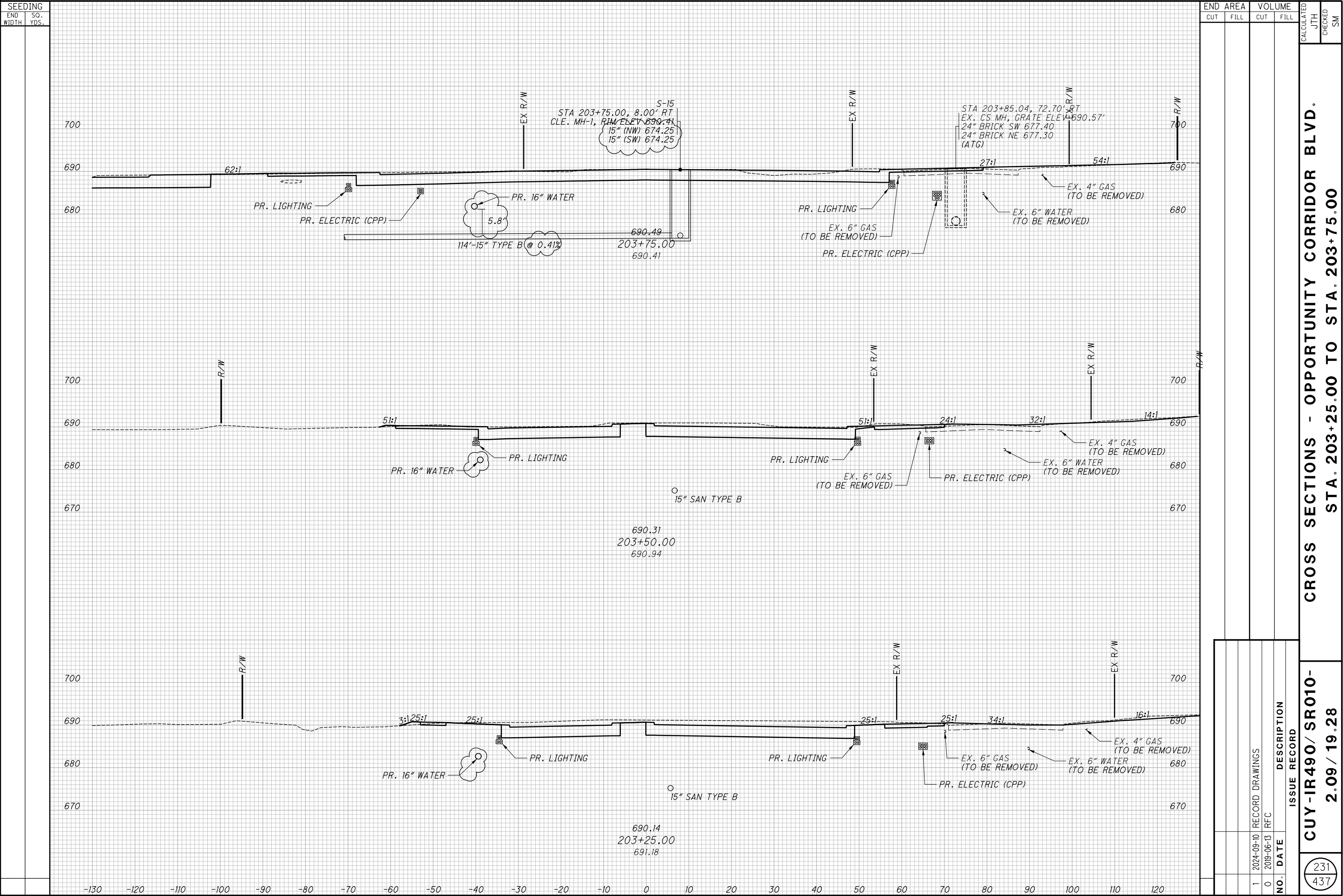
-IR490/SR010-	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.
2.09 / 19.28	STA. 200+25.00 TO STA. 200+75.00



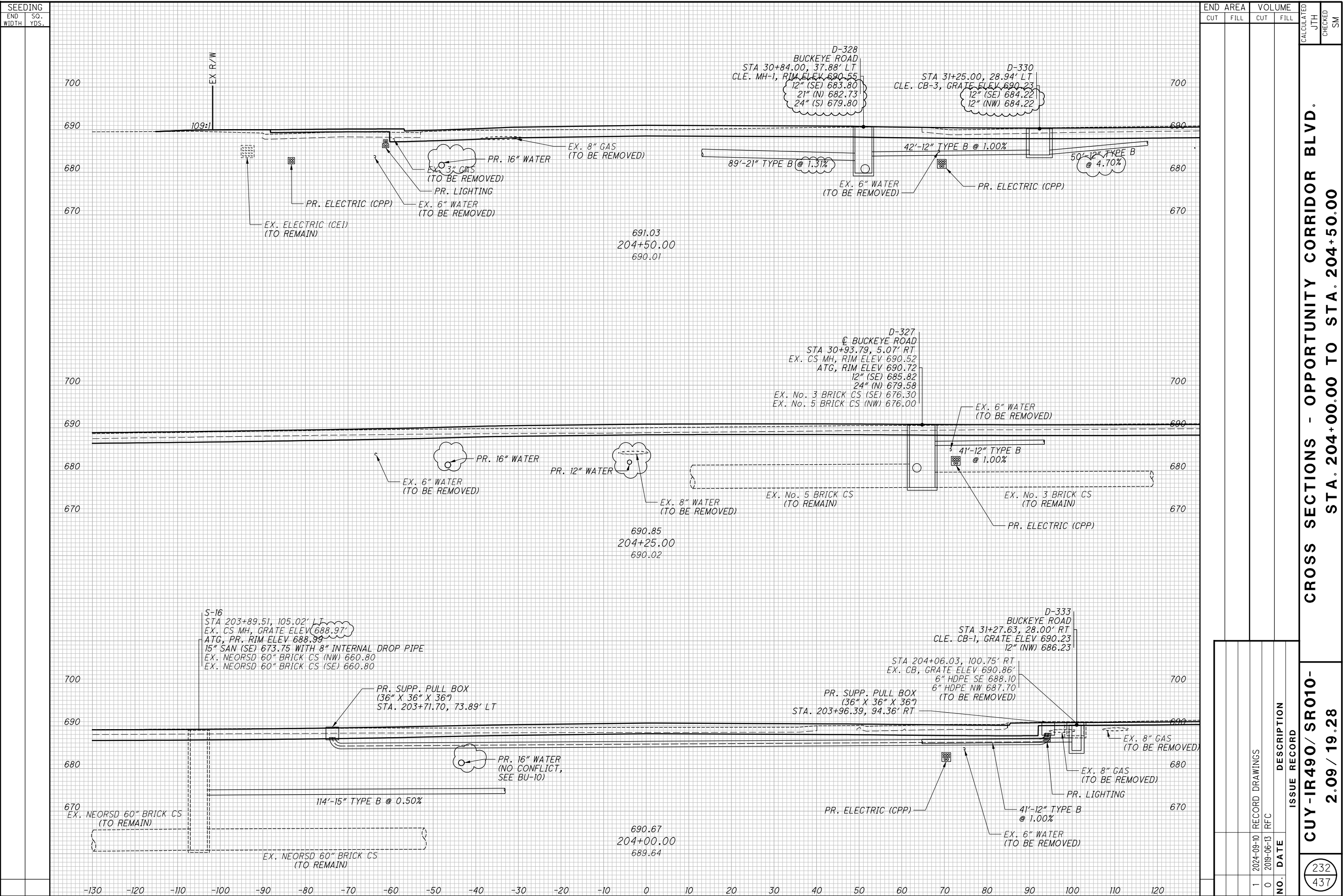
END		AREA		VOLUME		CALCULATED JTH	CHECKED SM
CUT		FILL		CUT	FILL		
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 201+00.00 TO STA. 201+50.00	

[illegible]

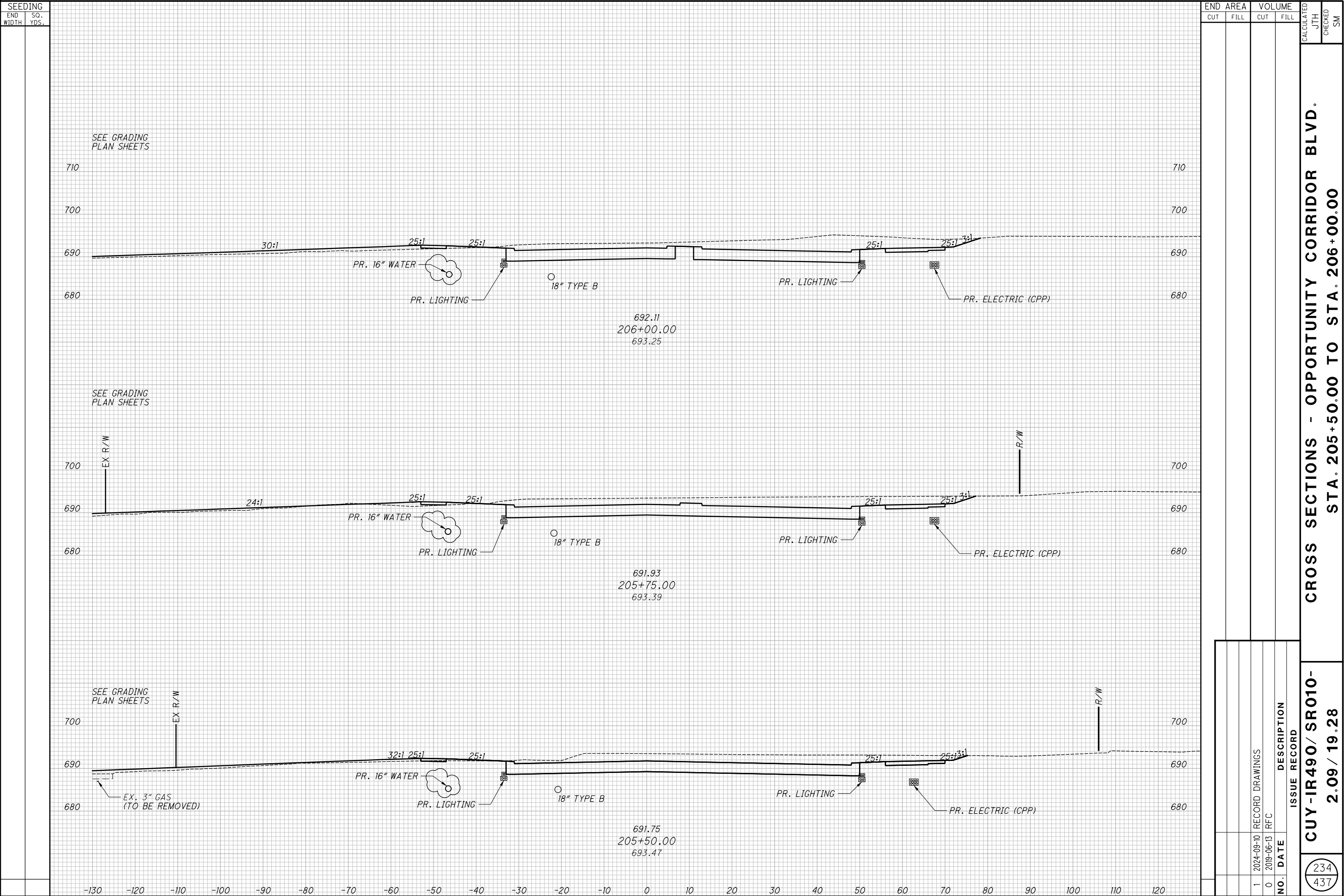




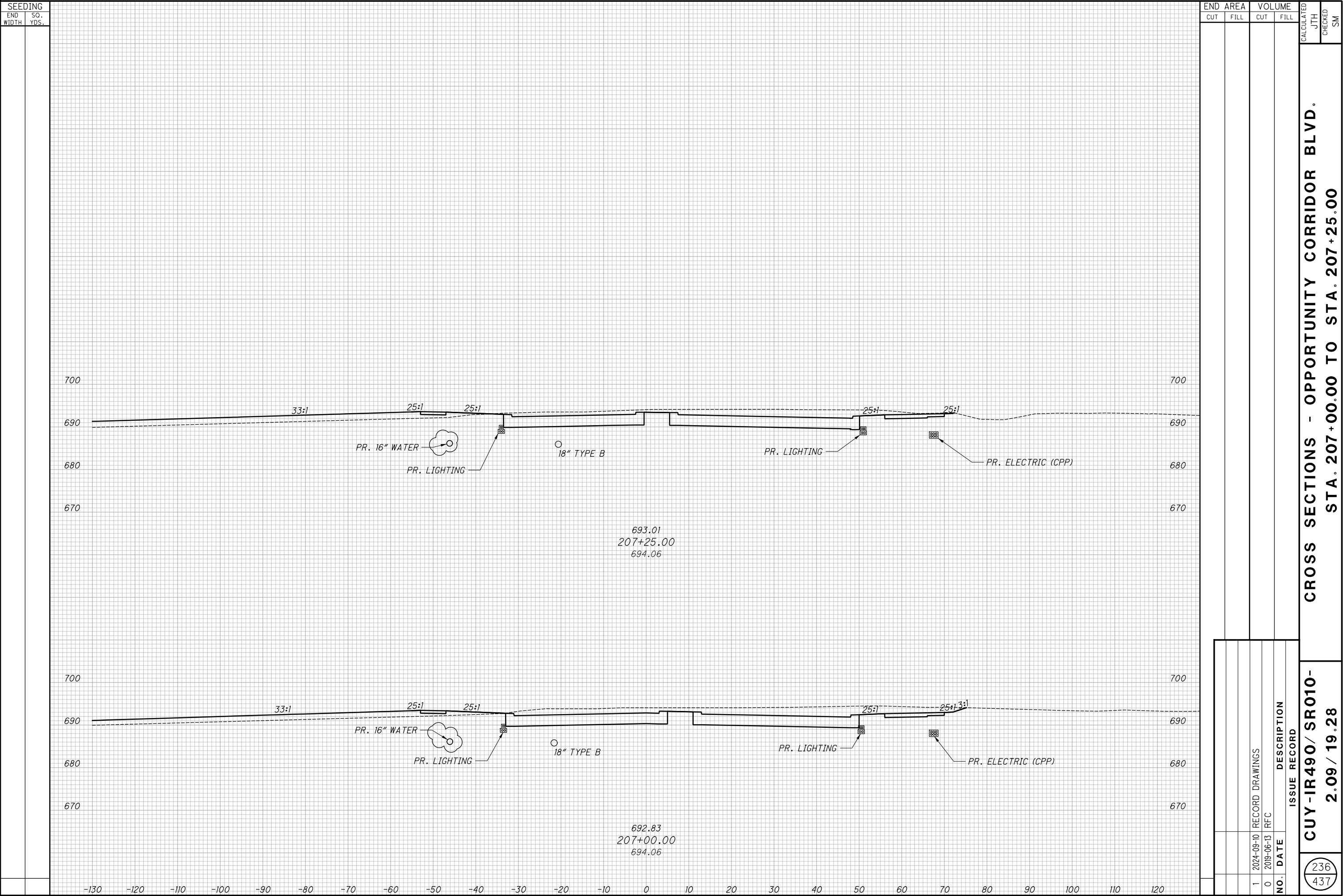


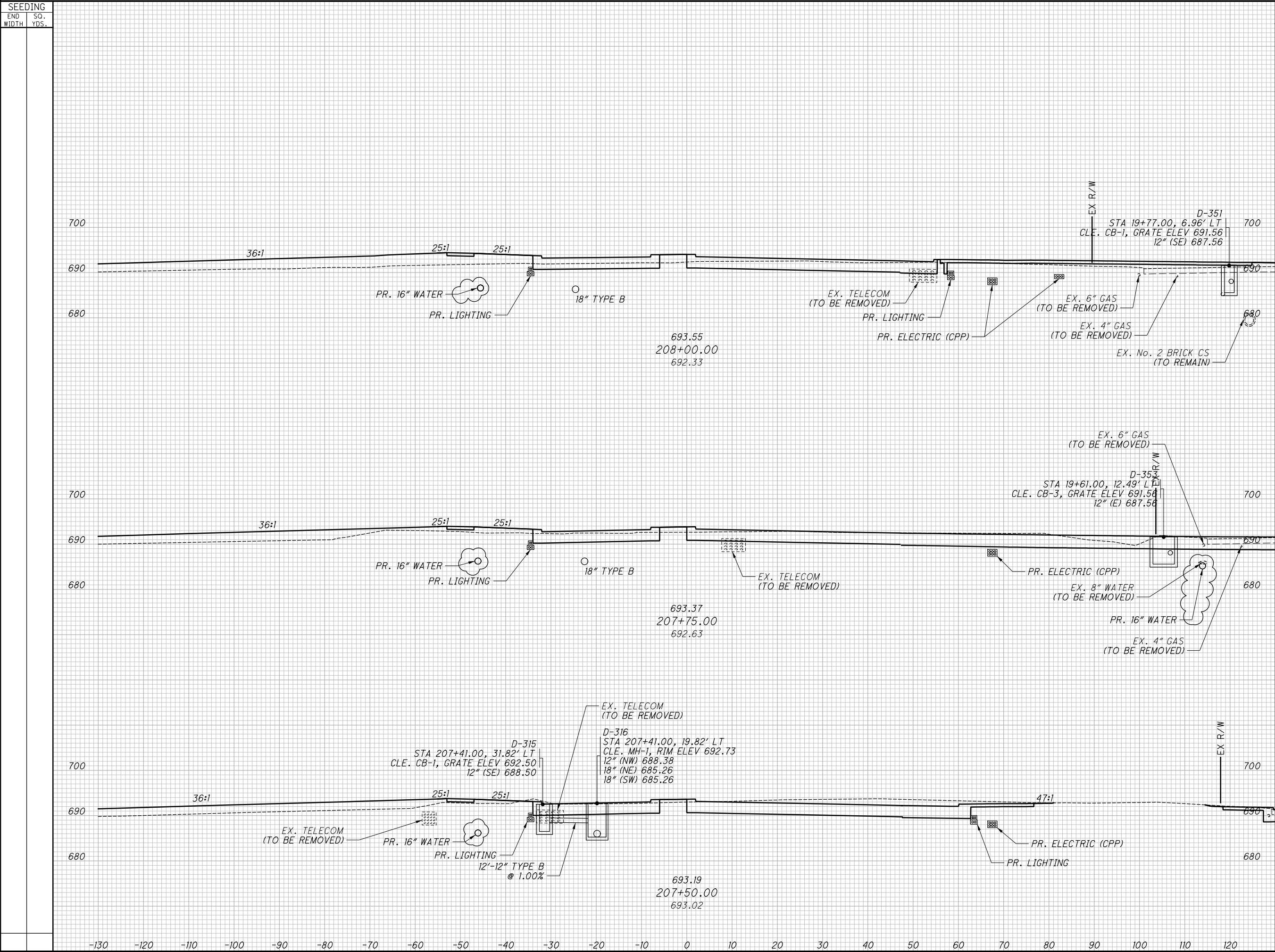


**CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.  
STA. 204+75.00 TO STA. 205+25.00**

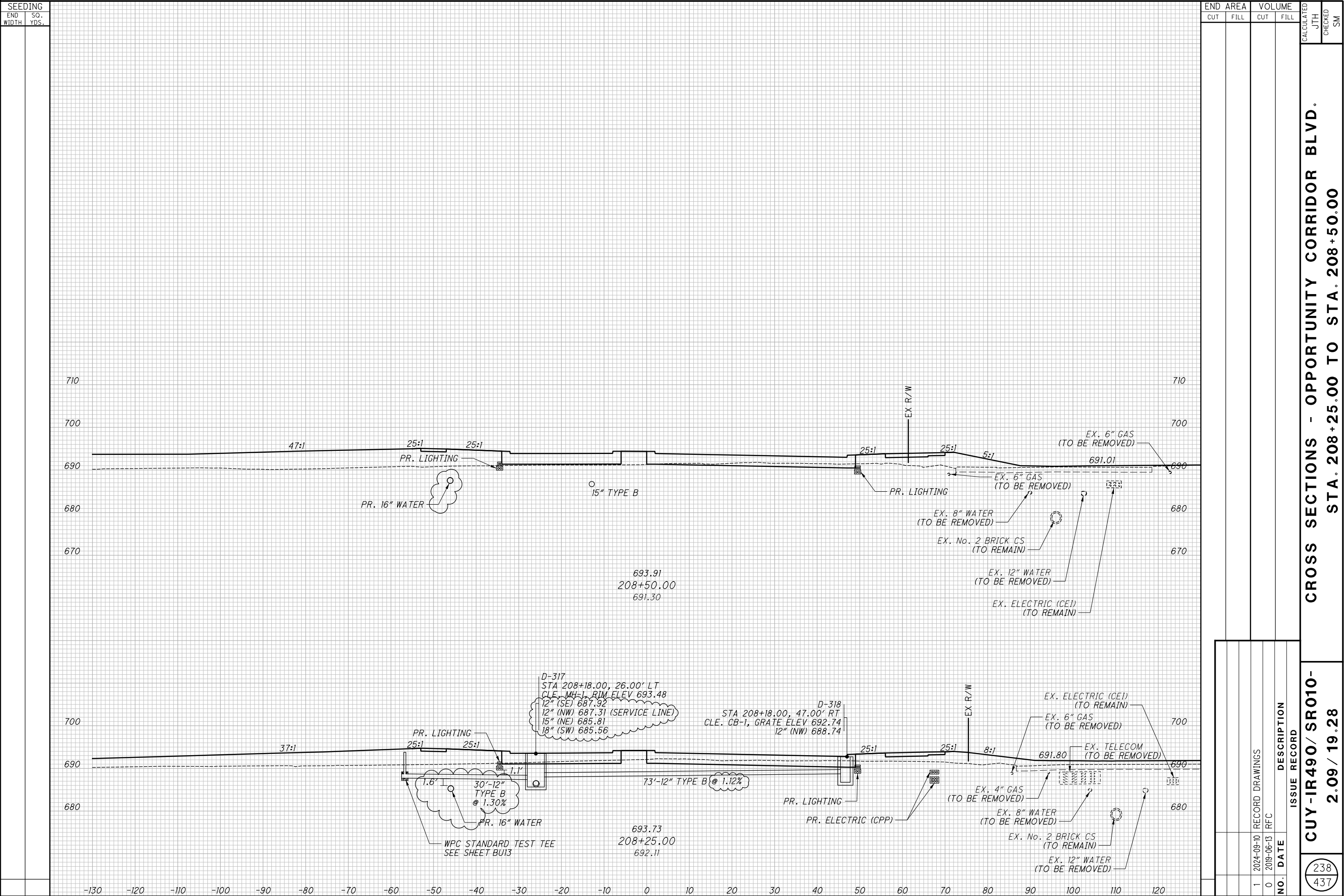


235  
437



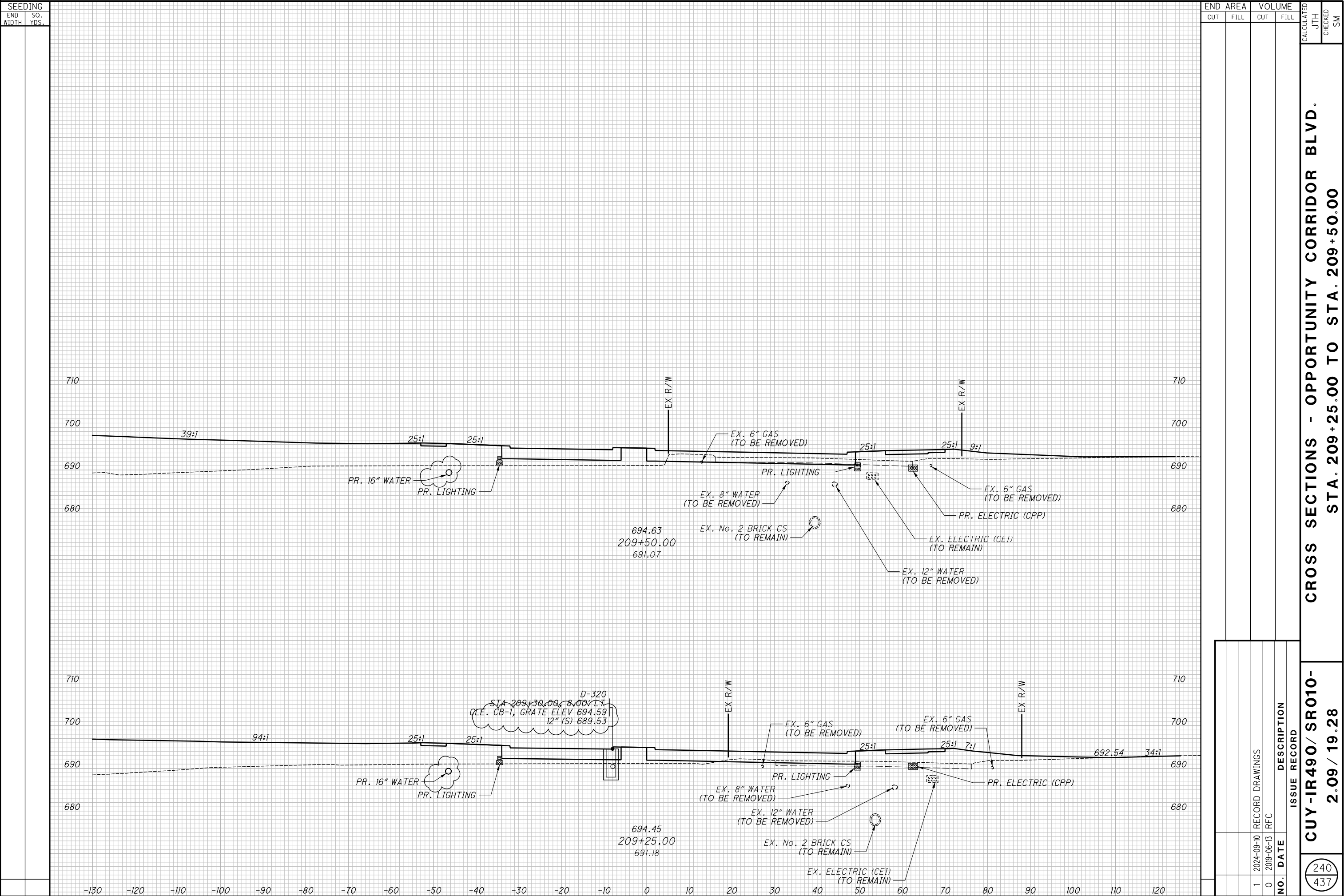


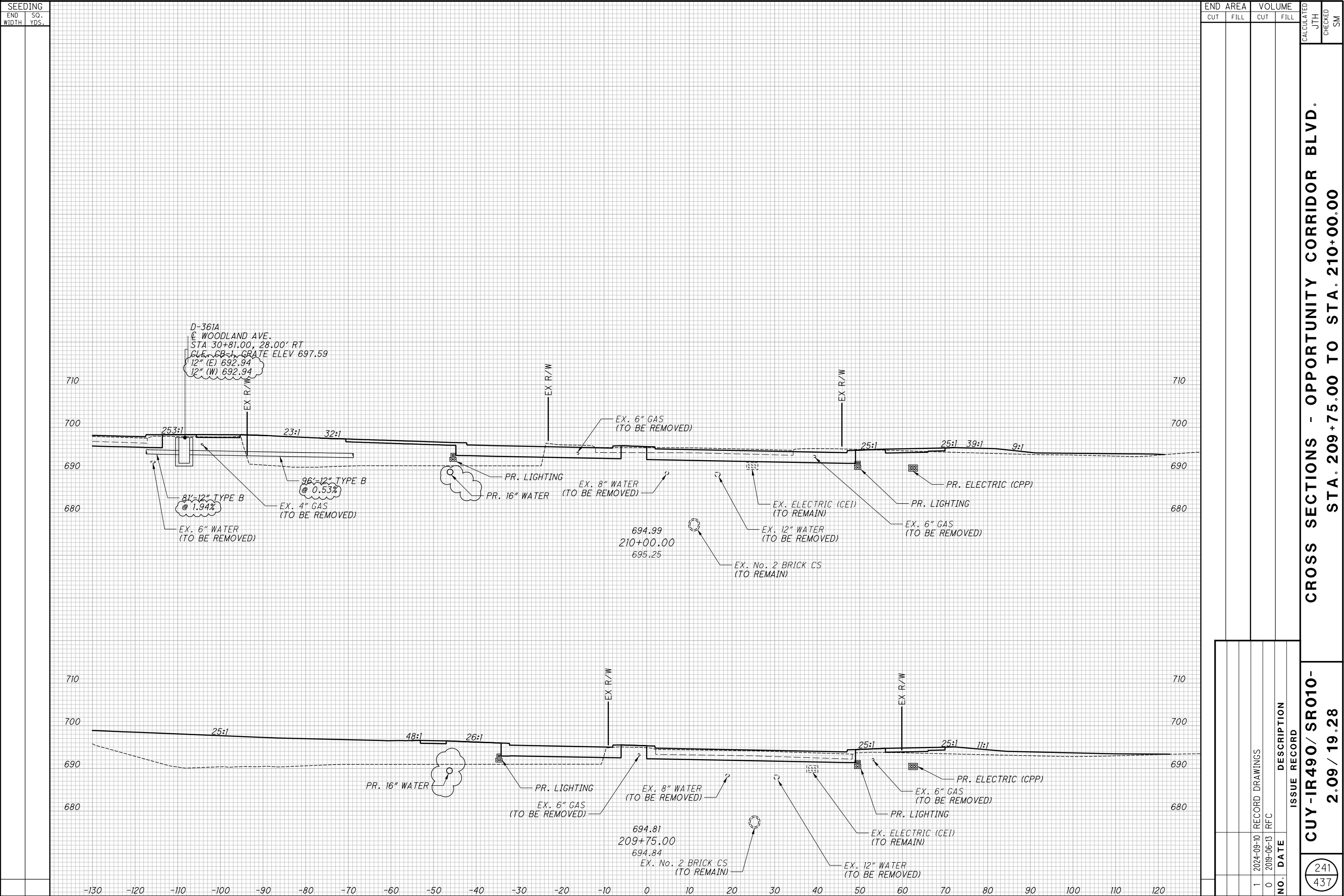
END		AREA		VOLUME		CALCULATED JTH	CHECKED SM
CUT		FILL		CUT	FILL		
						CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 207+50.00 TO STA. 208+00.00	
1	2024-09-10	RECORD DRAWINGS				CUY-IR490// SR010- 2.09 / 19.28	
0	2019-06-13	RFC					
NO.	DATE	DESCRIPTION				ISSUE RECORD	
						237 437	



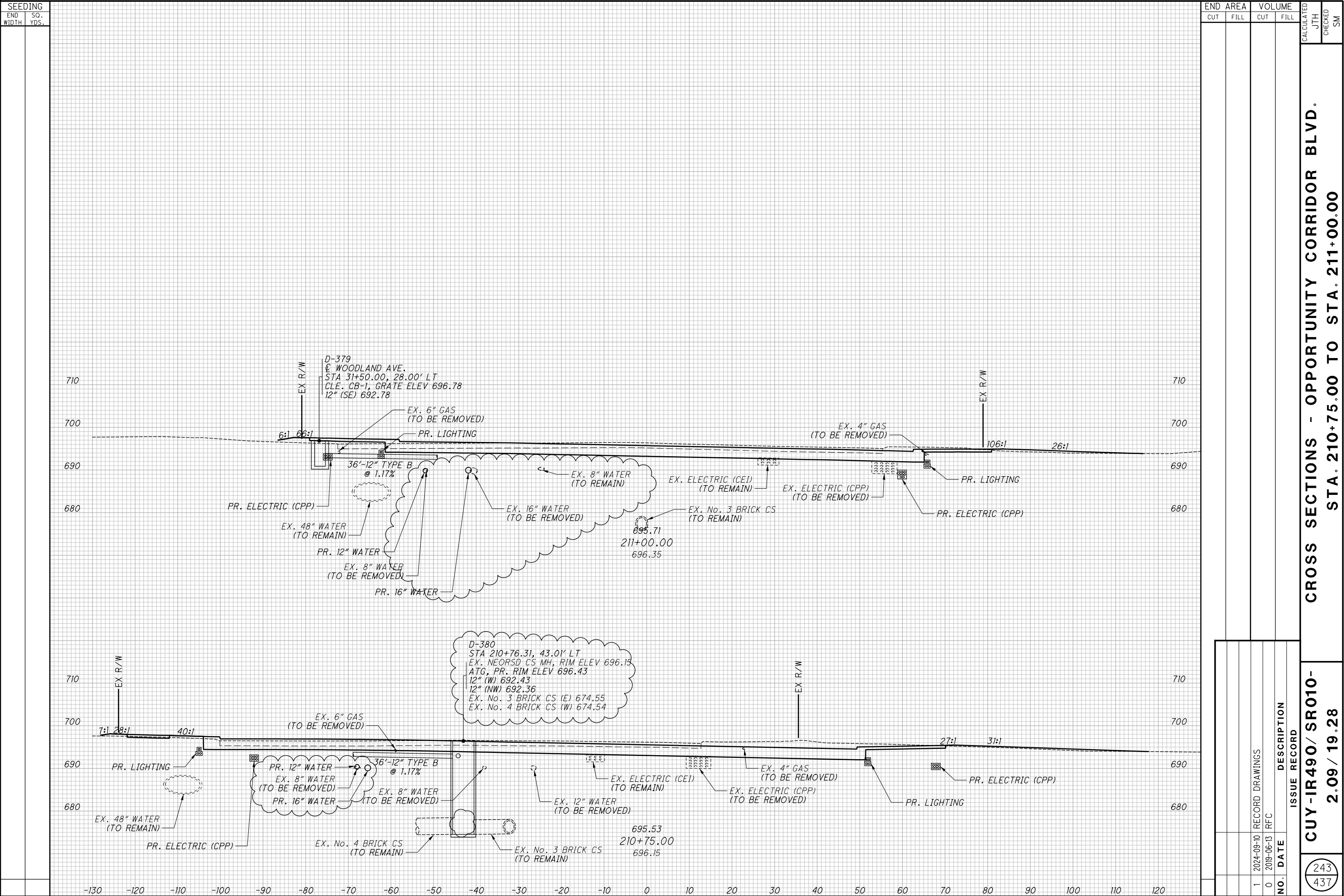


**CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.  
STA. 208+75.00 TO STA. 209+00.00**





-IR490/ SR010- 2.09 / 19.28	CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 210+25.00 TO STA. 210+50.00
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CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.  
STA. 210+75.00 TO STA. 211+00.00

CUY-IR490/ SR010-  
2.09 / 19.28

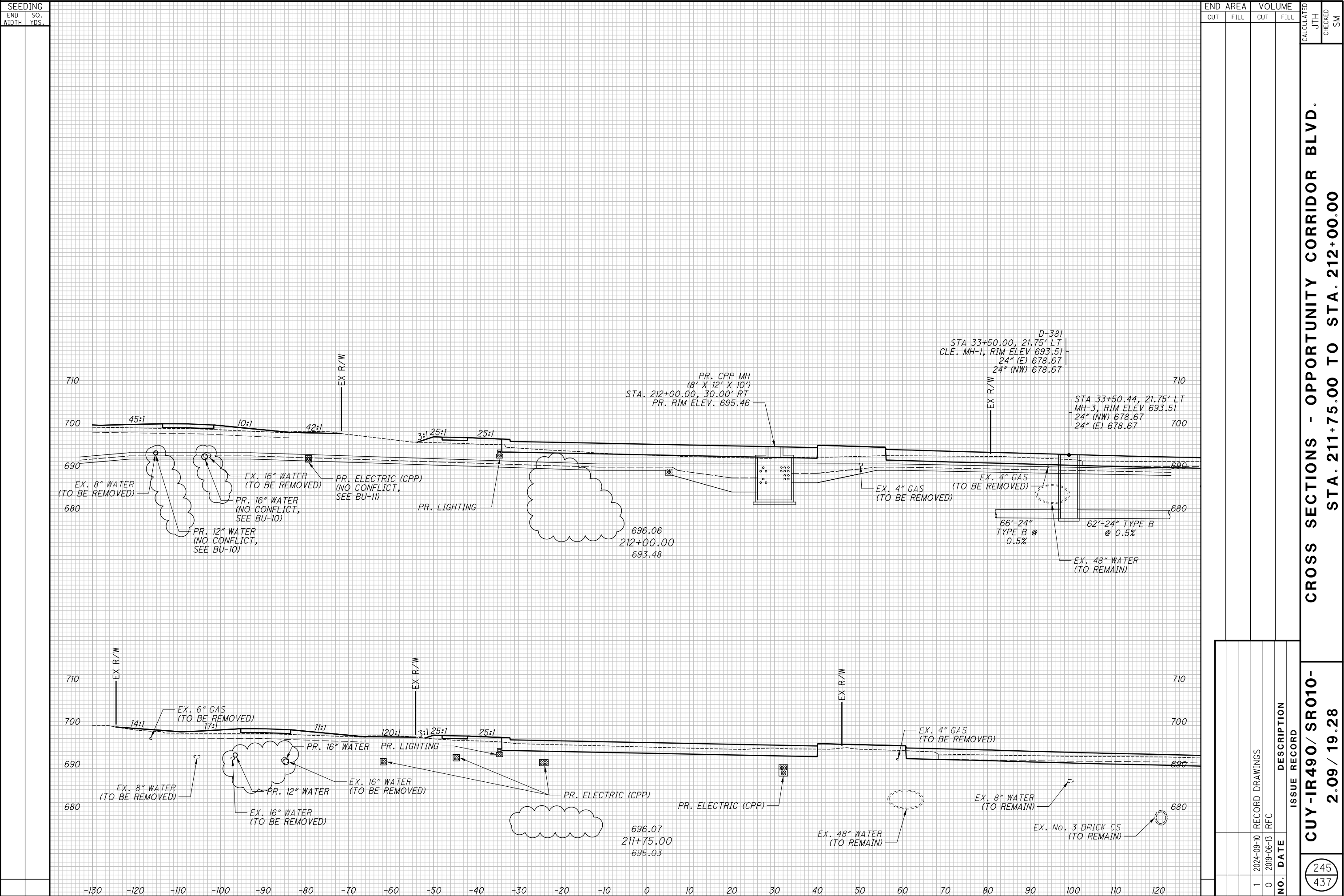
243  
437

RECORD PLANS

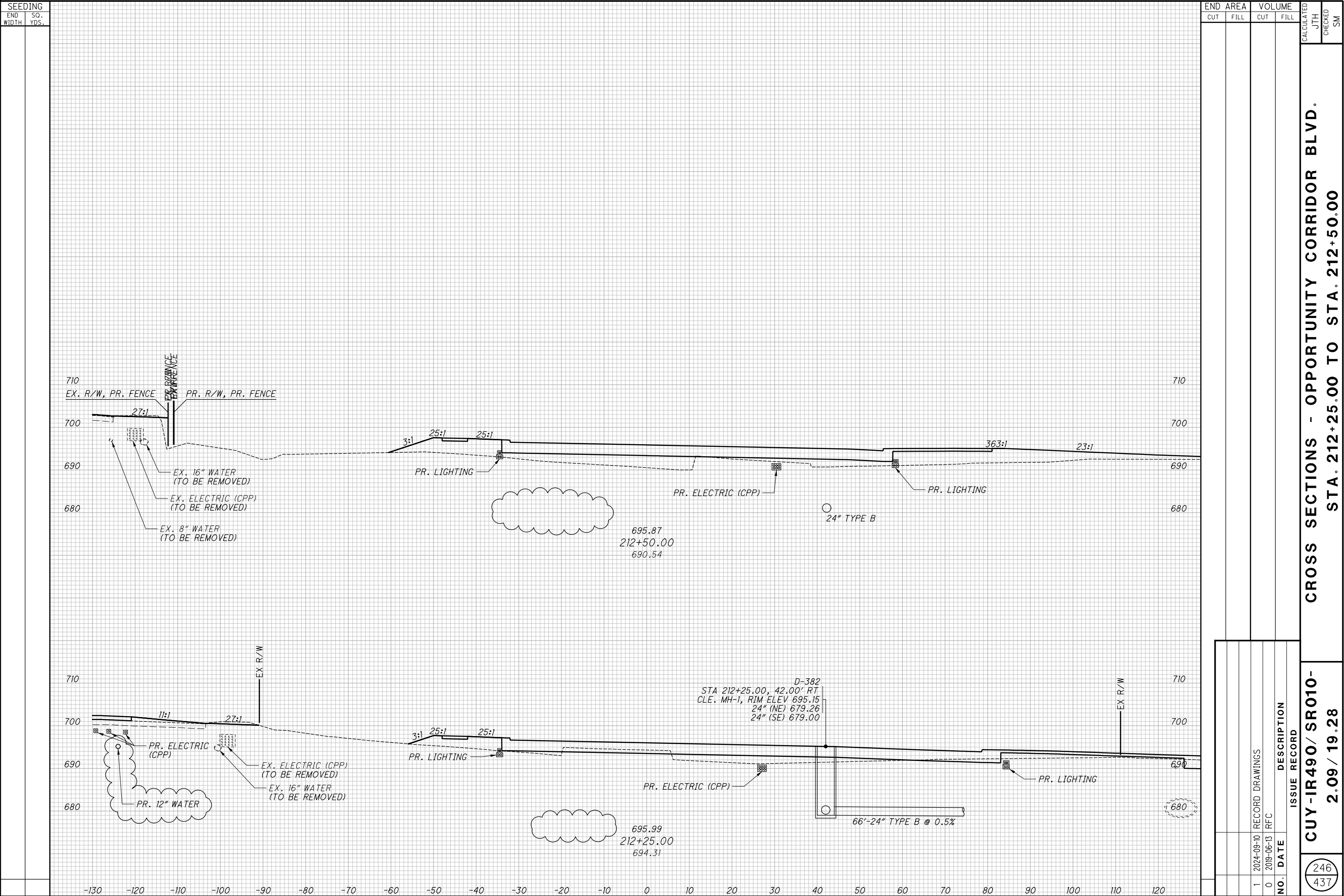
RECORD PLANS

RECORD PLANS

<div style="text-align: center;">  </div>	<div style="text-align: center;"> <b>CUY-IR490/ SR010- 2.09 / 19.28</b> </div>	<div style="text-align: center;"> <b>CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 211+25.00 TO STA. 211+50.00</b> </div>
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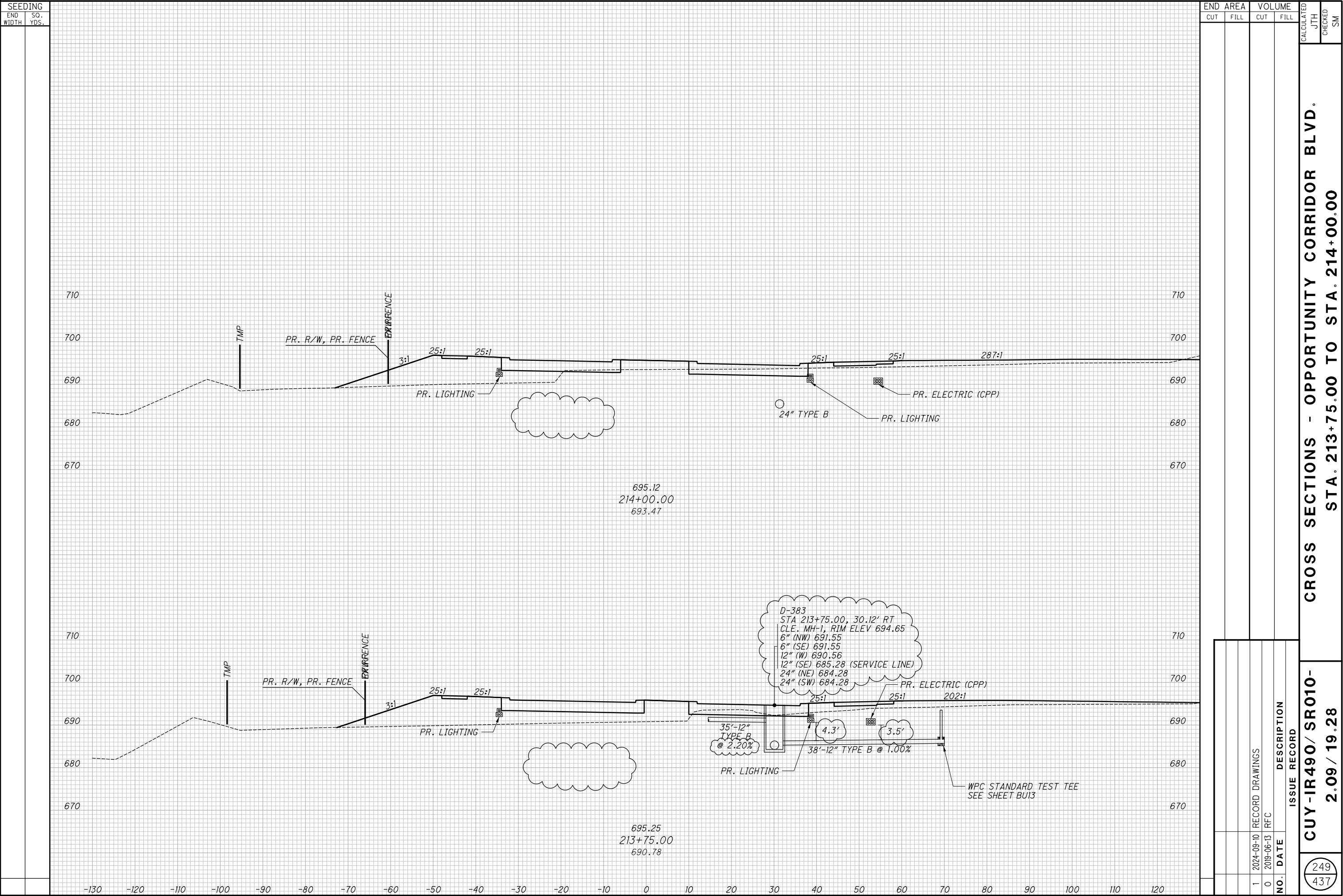


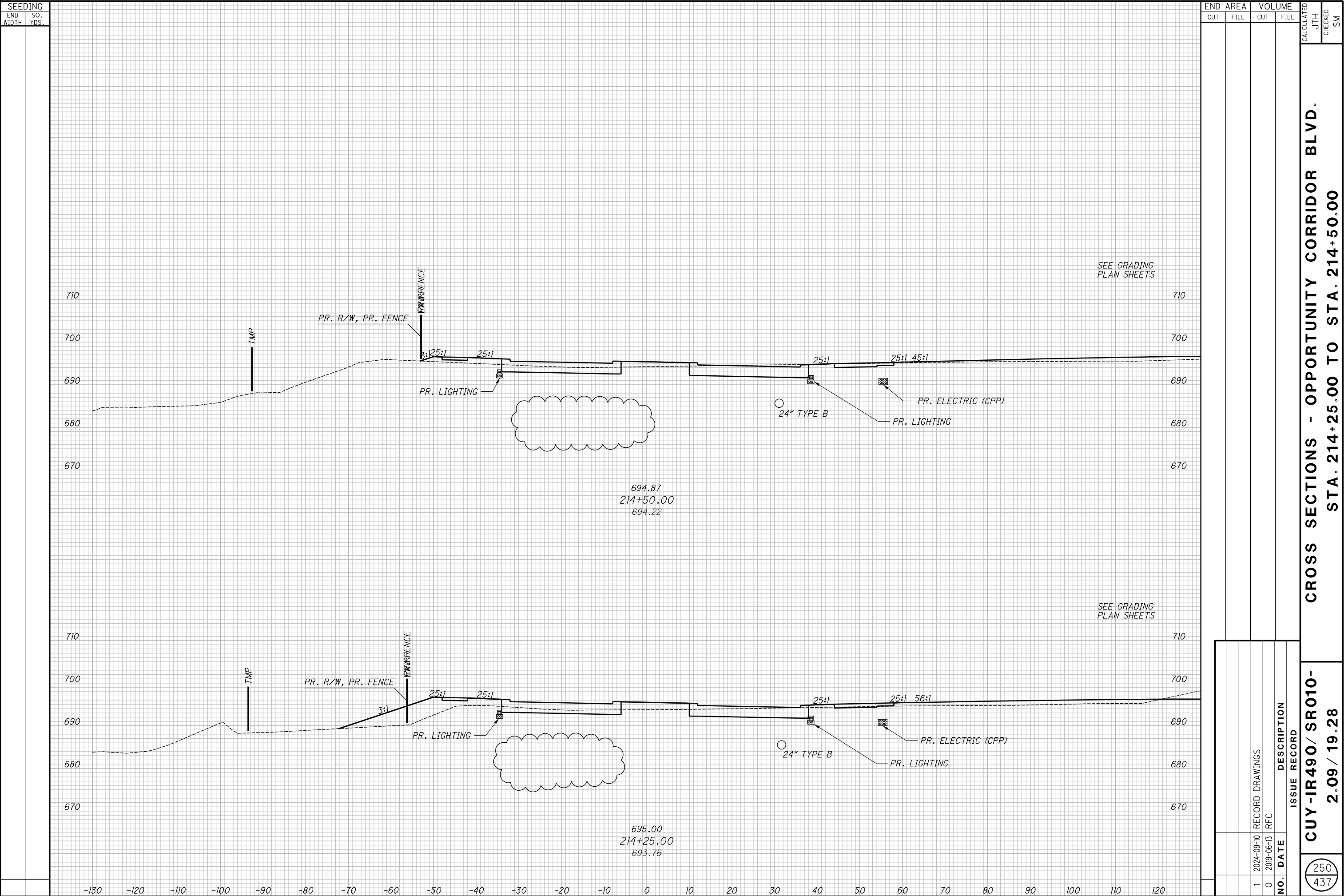


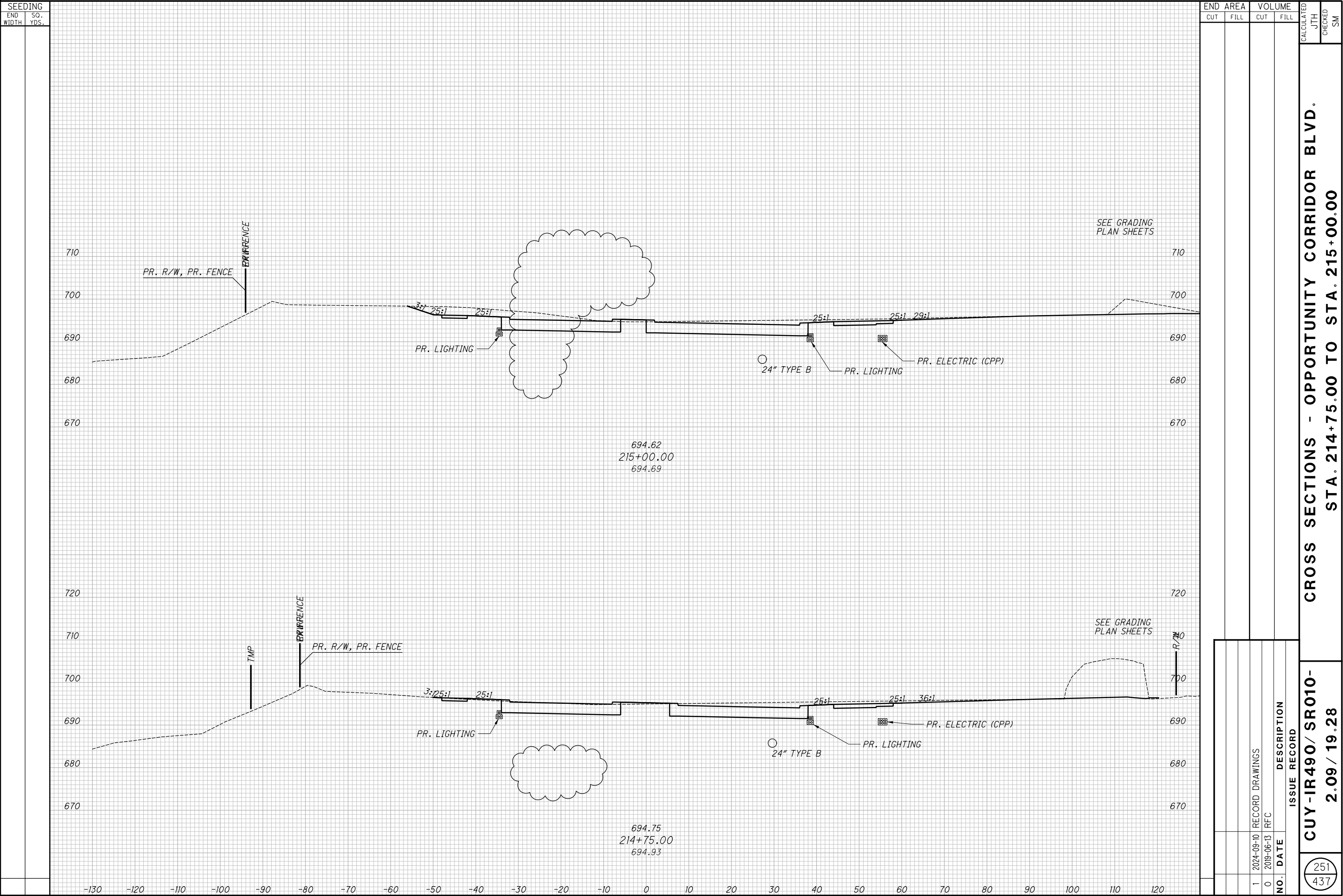


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**CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.  
STA. 213+25.00 TO STA. 213+50.00**

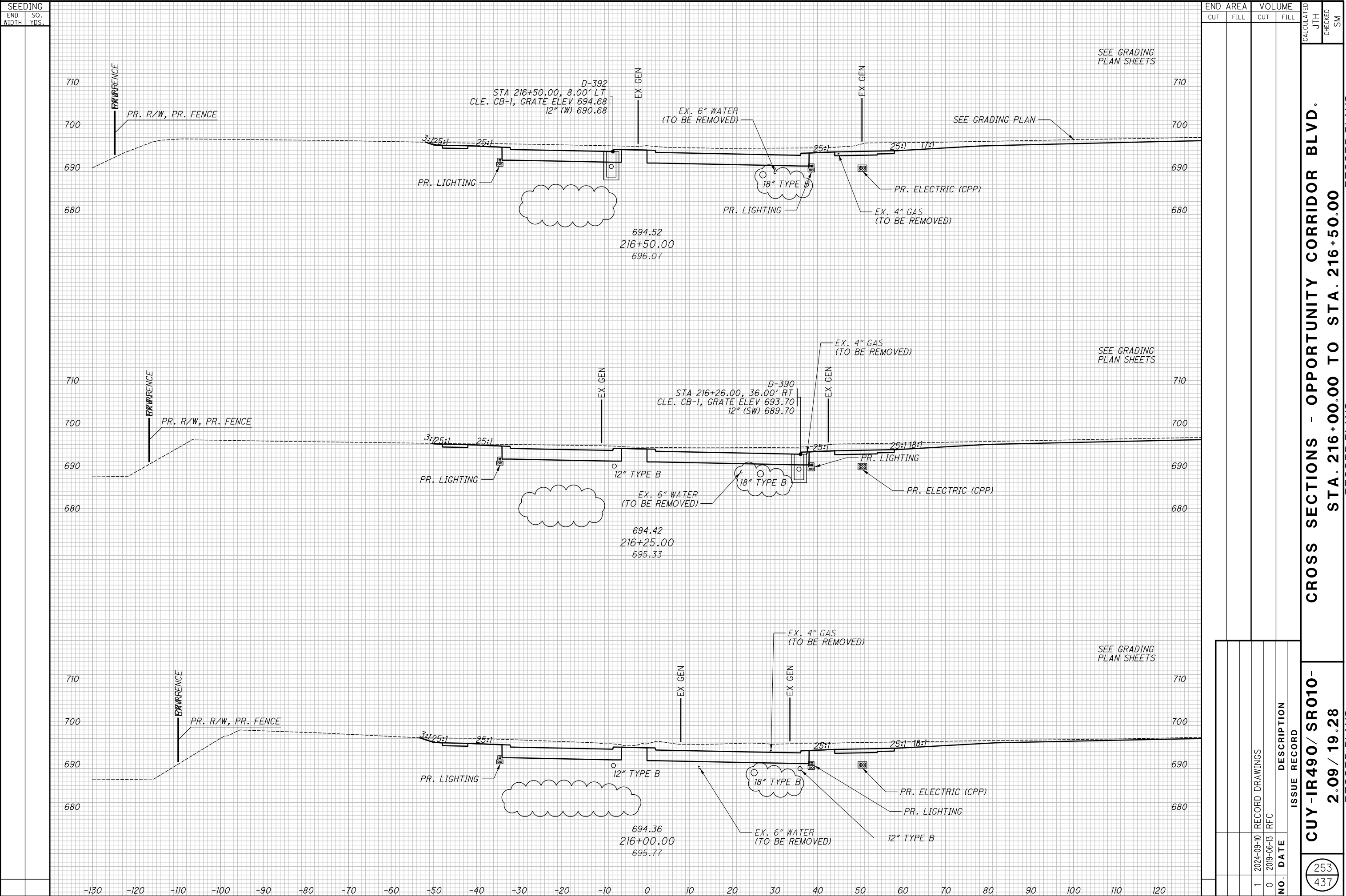


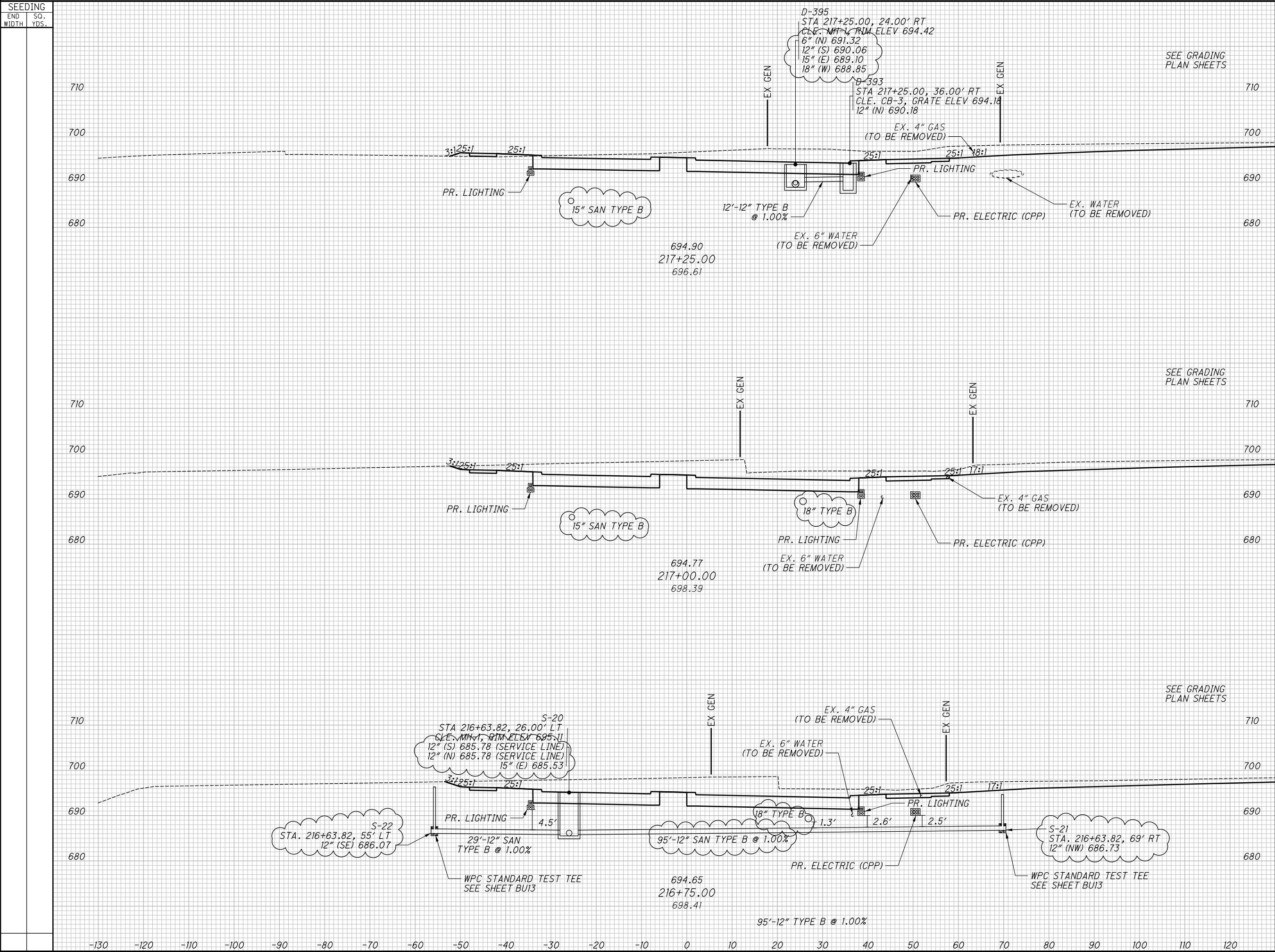




$$\frac{252}{437}$$





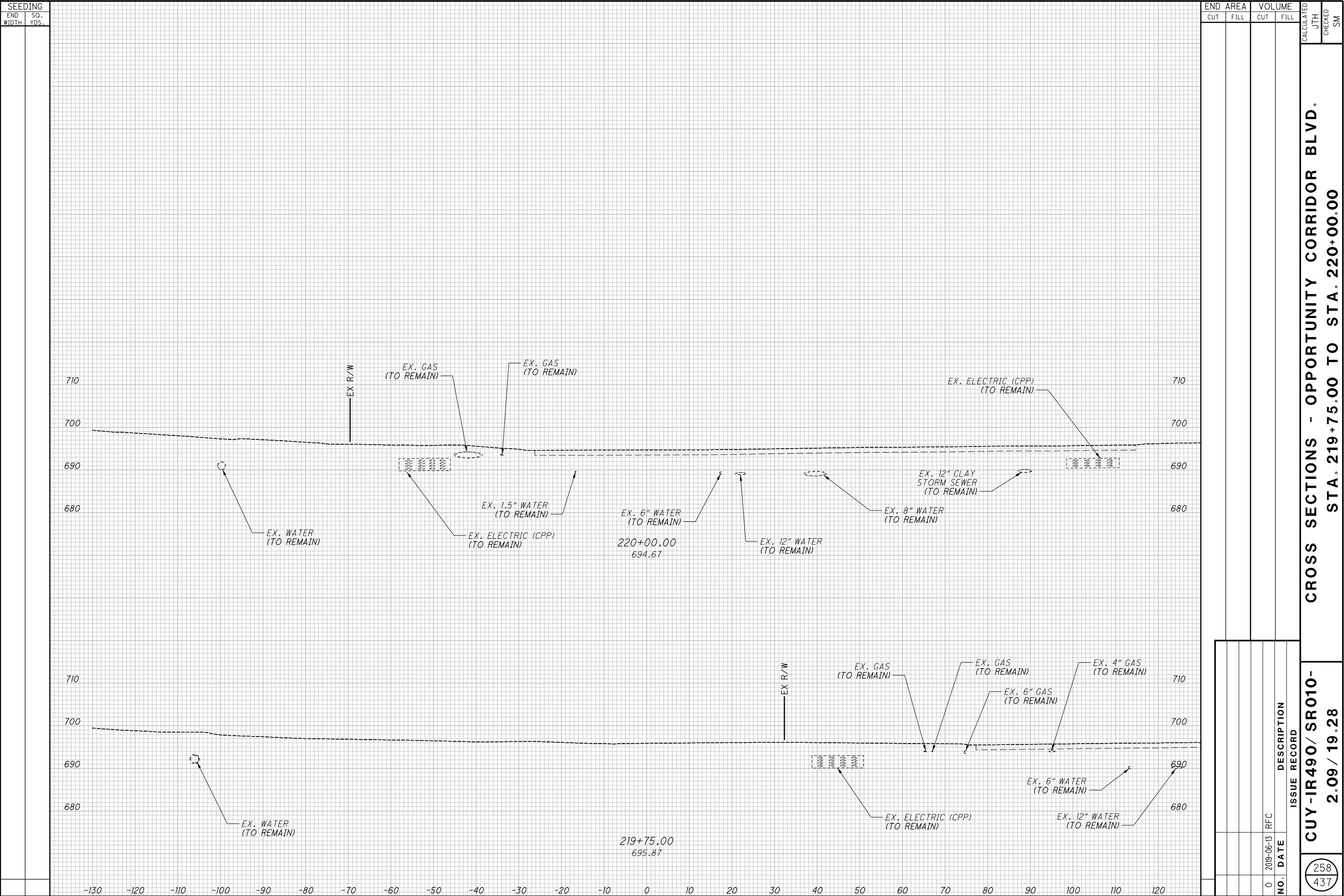


SEEDING		END AREA		VOLUME		CALCULATED JTH	CHECKED SM		
END WIDTH	SO. YDS.	CUT	FILL	CUT	FILL				
CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD. STA. 216+75.00 TO STA. 217+25.00									
RECORD PLANS									
1		2024-09-10		RECORD DRAWINGS		ISSUE RECORD			
0		2019-06-13		RFC		DESCRIPTION			
NO.		DATE		DATE		DESCRIPTION			
254		2.09 / 19.28		2.09 / 19.28		RECORD PLANS			
437									

**CROSS SECTIONS - OPPORTUNITY CORRIDOR BLVD.  
STA. 217+50.00 TO STA. 218+00.00**

$$\frac{256}{437}$$

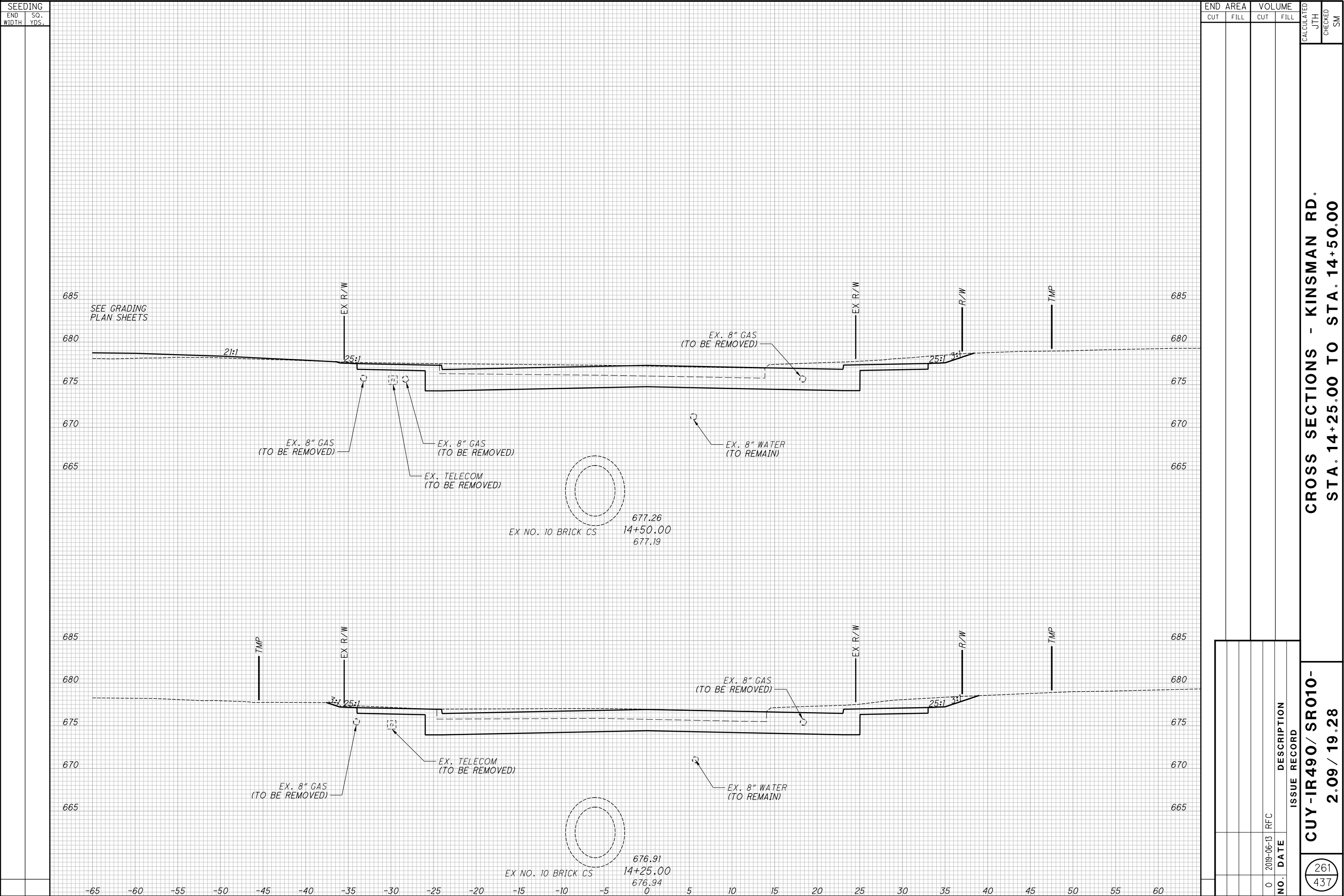
[illegible]



**CROSS SECTIONS - KINSMAN RD.  
STA. 11+20.90 TO STA. 11+37.15**

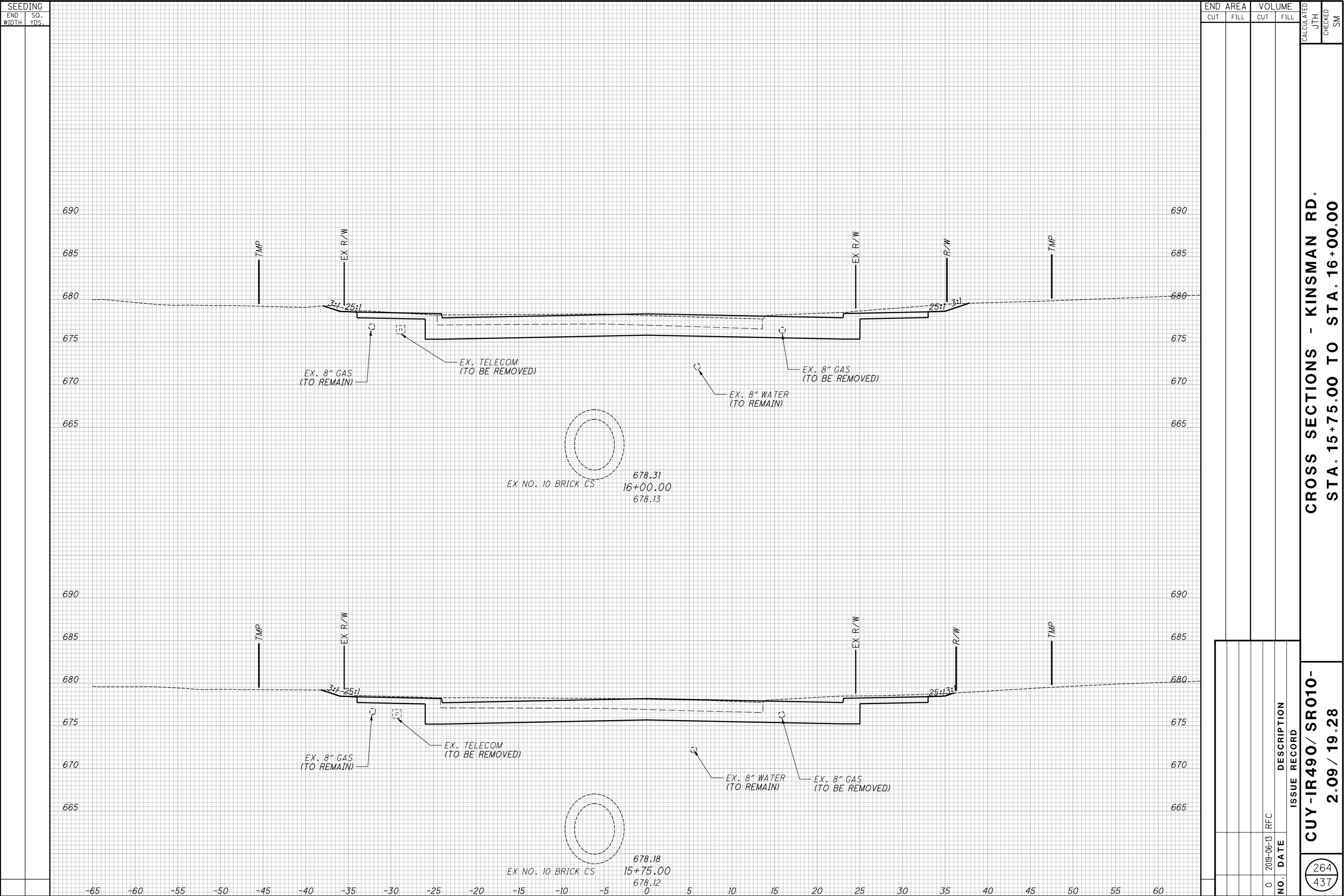


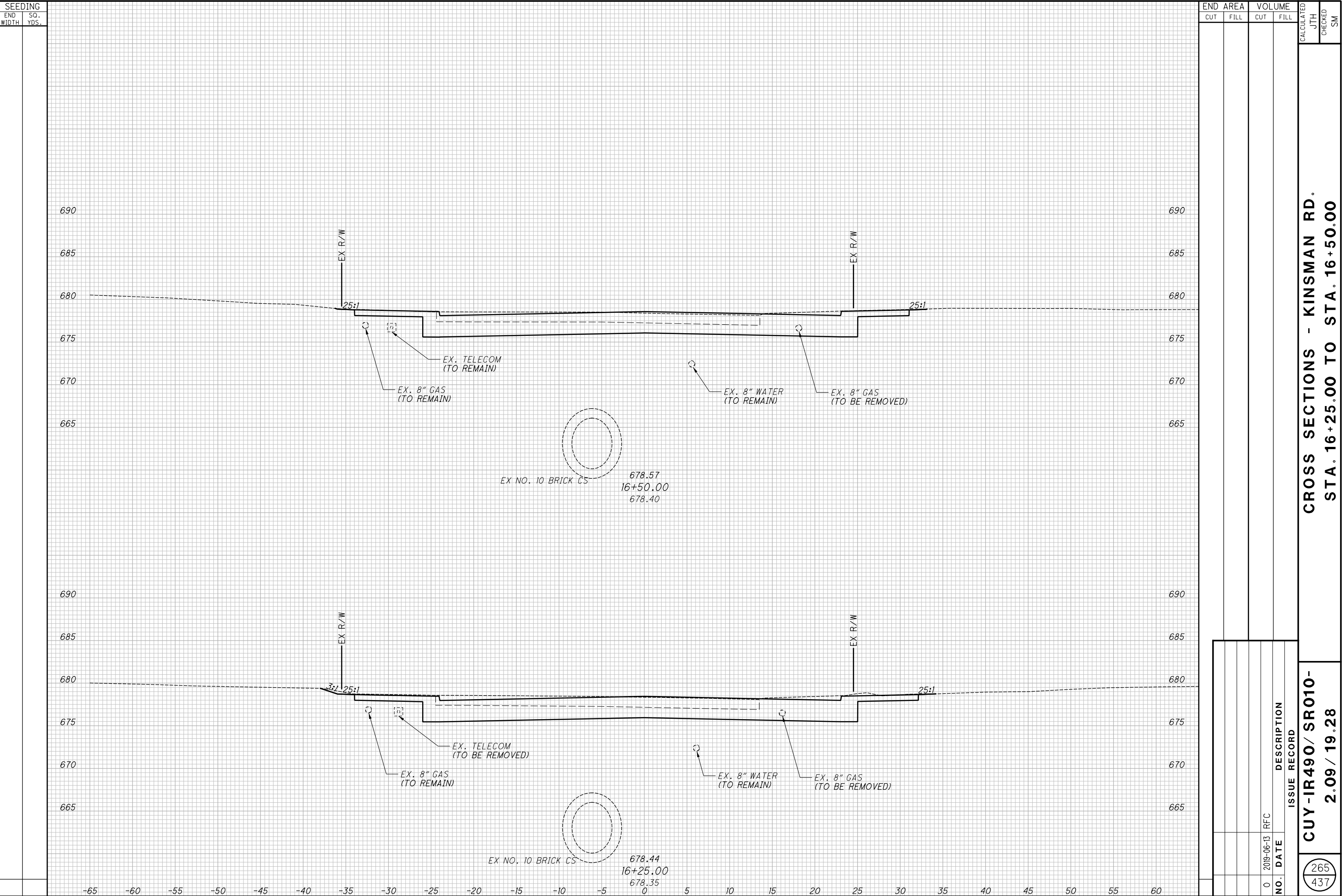
**CROSS SECTIONS - KINSMAN RD.  
STA. 13+86.39 TO STA. 14+00.00**



[illegible]

**CROSS SECTIONS - KINSMAN RD.  
STA. 15+25.00 TO STA. 15+50.00**

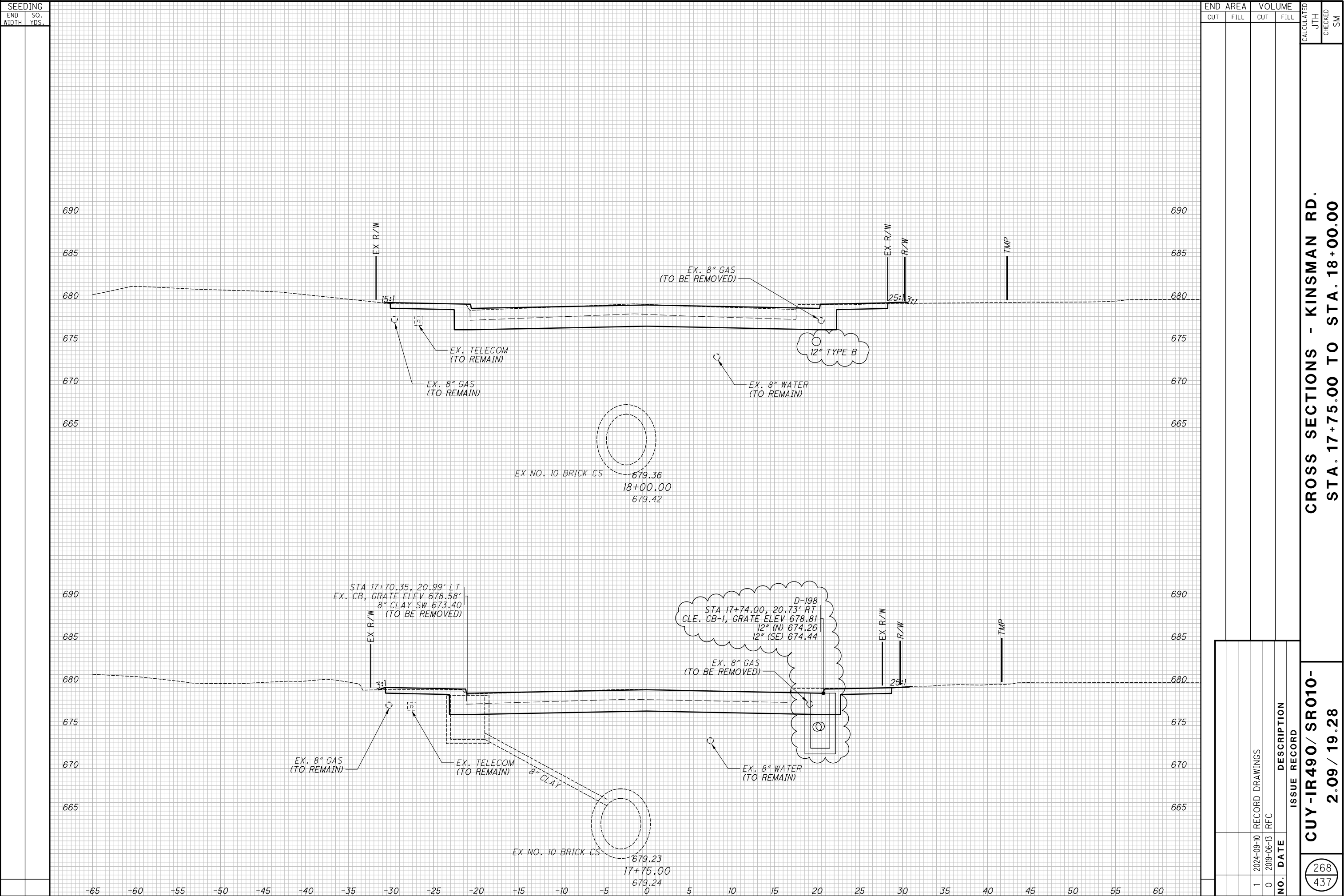


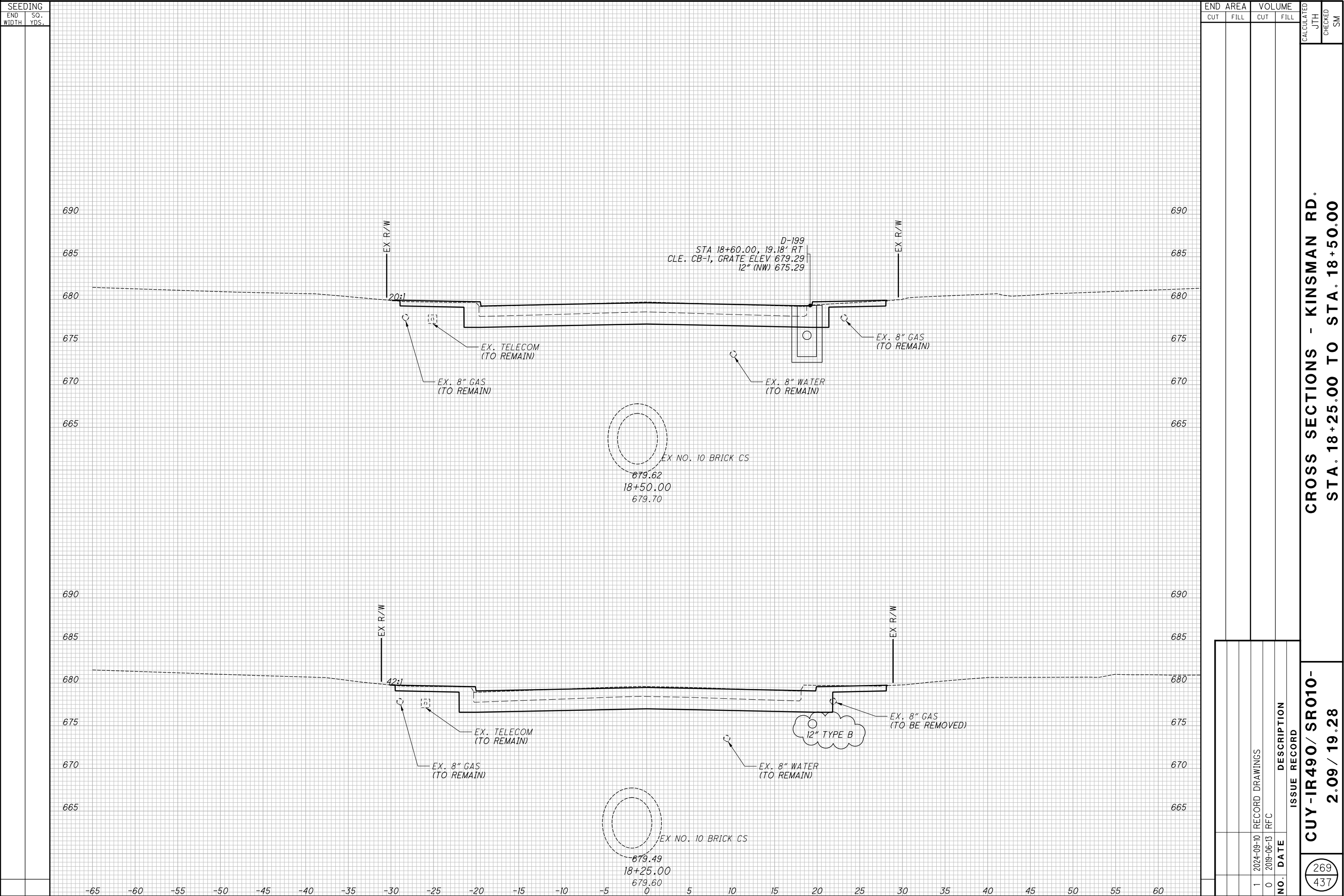


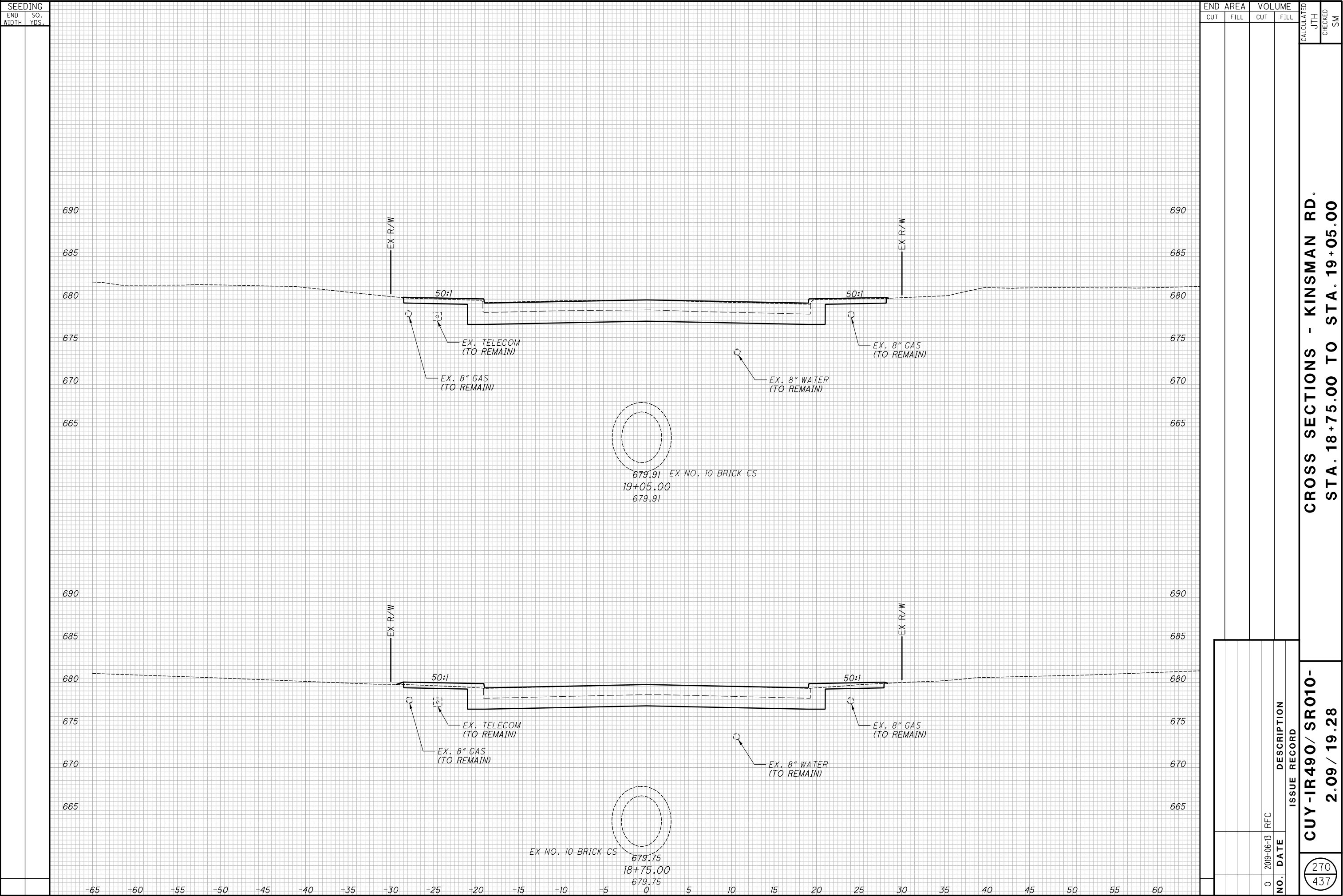
**CROSS SECTIONS - KINSMAN RD.**  
**STA. 16+75.00 TO STA. 17+00.00**

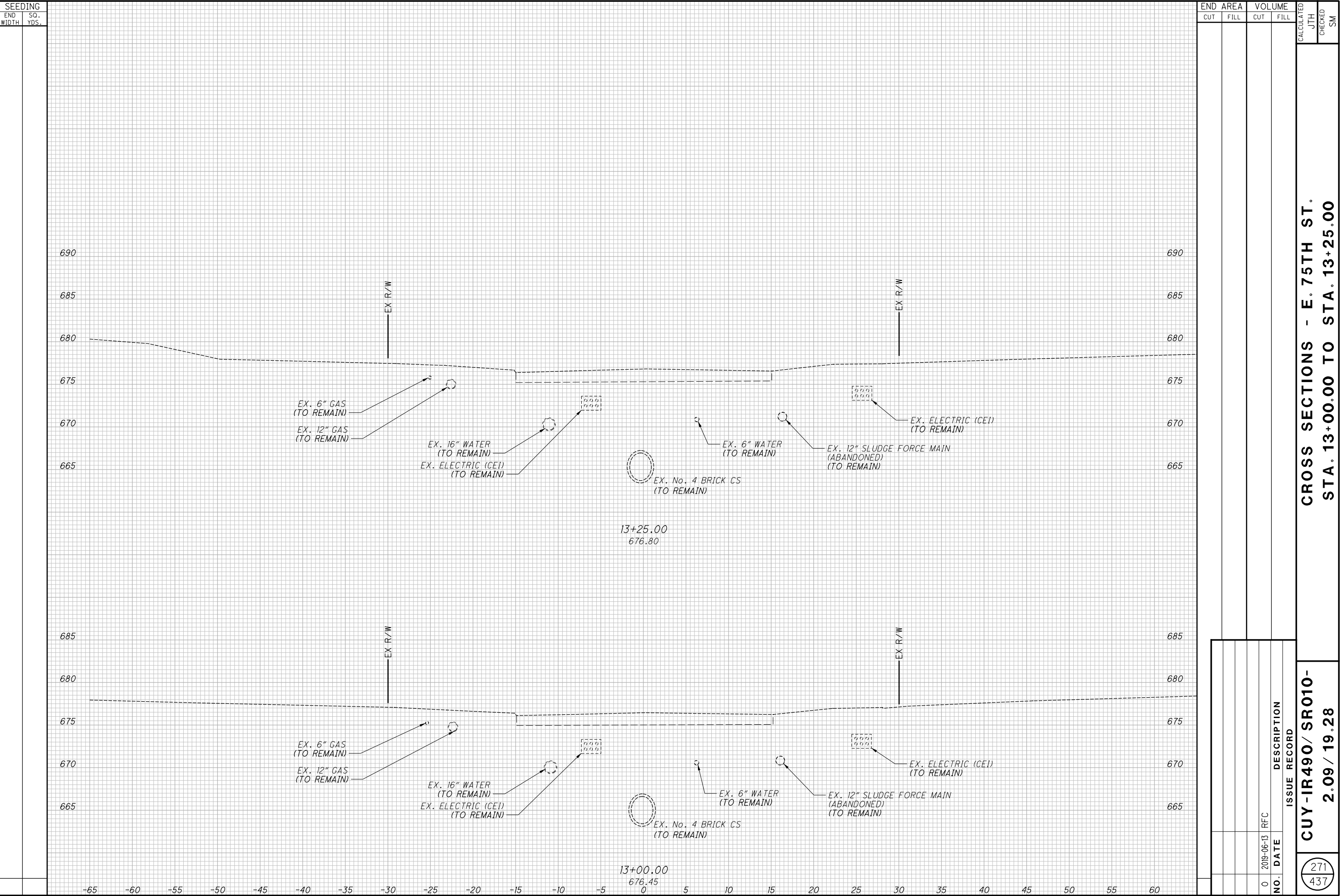


**CROSS SECTIONS - KINSMAN RD.  
STA. 17+09.10 TO STA. 17+64.91**









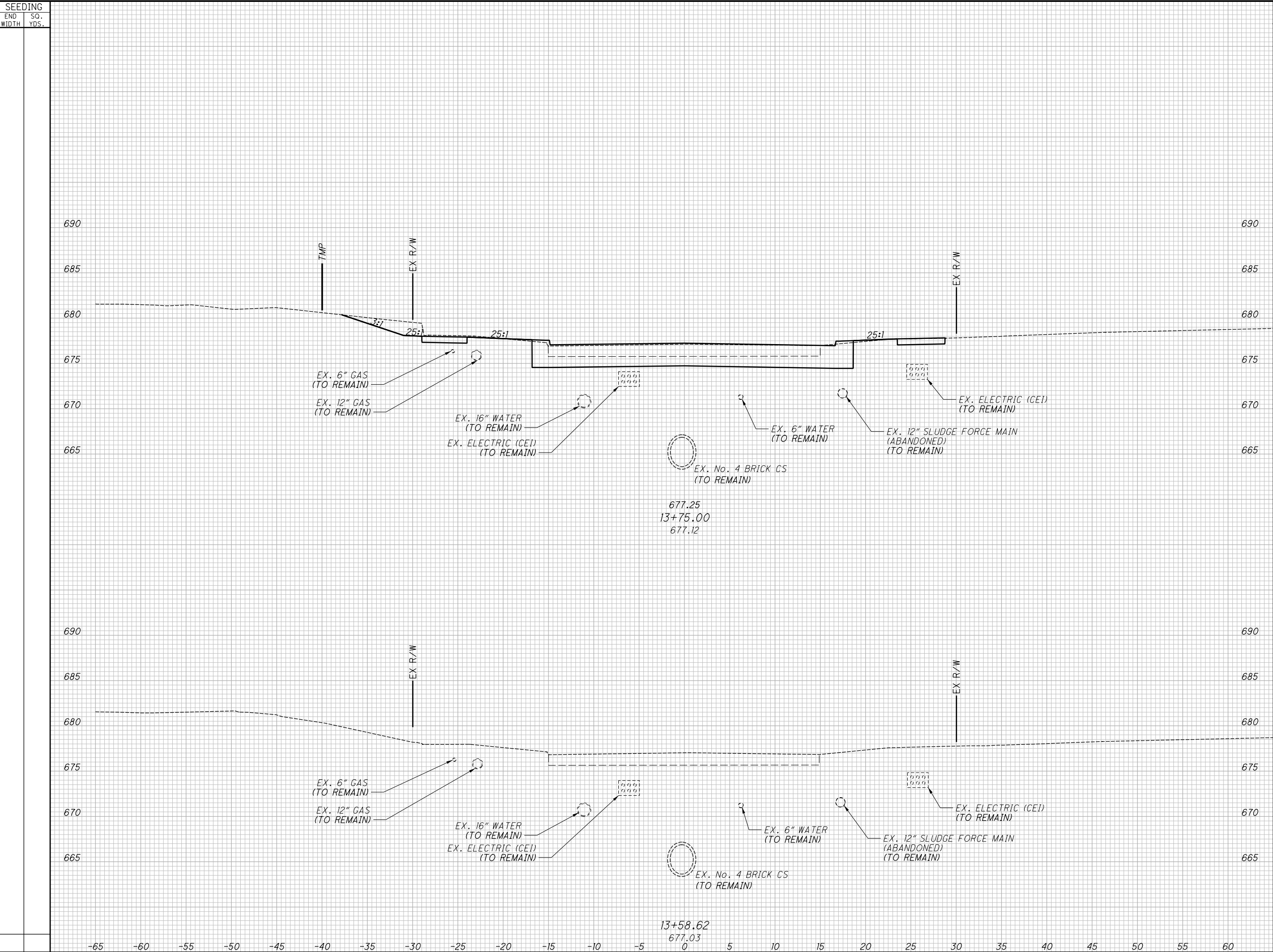
CROSS SECTIONS - E. 75TH ST.  
STA. 13+00.00 TO STA. 13+25.00

CUY-IR490/ SR010-  
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437

RECORD PLANS

RECORD PLANS



CROSS SECTIONS - E. 75TH ST.  
STA. 13+58.62 TO STA. 13+75.00

CUY-IR490/ SR010-  
2.09 / 19.28

272  
437

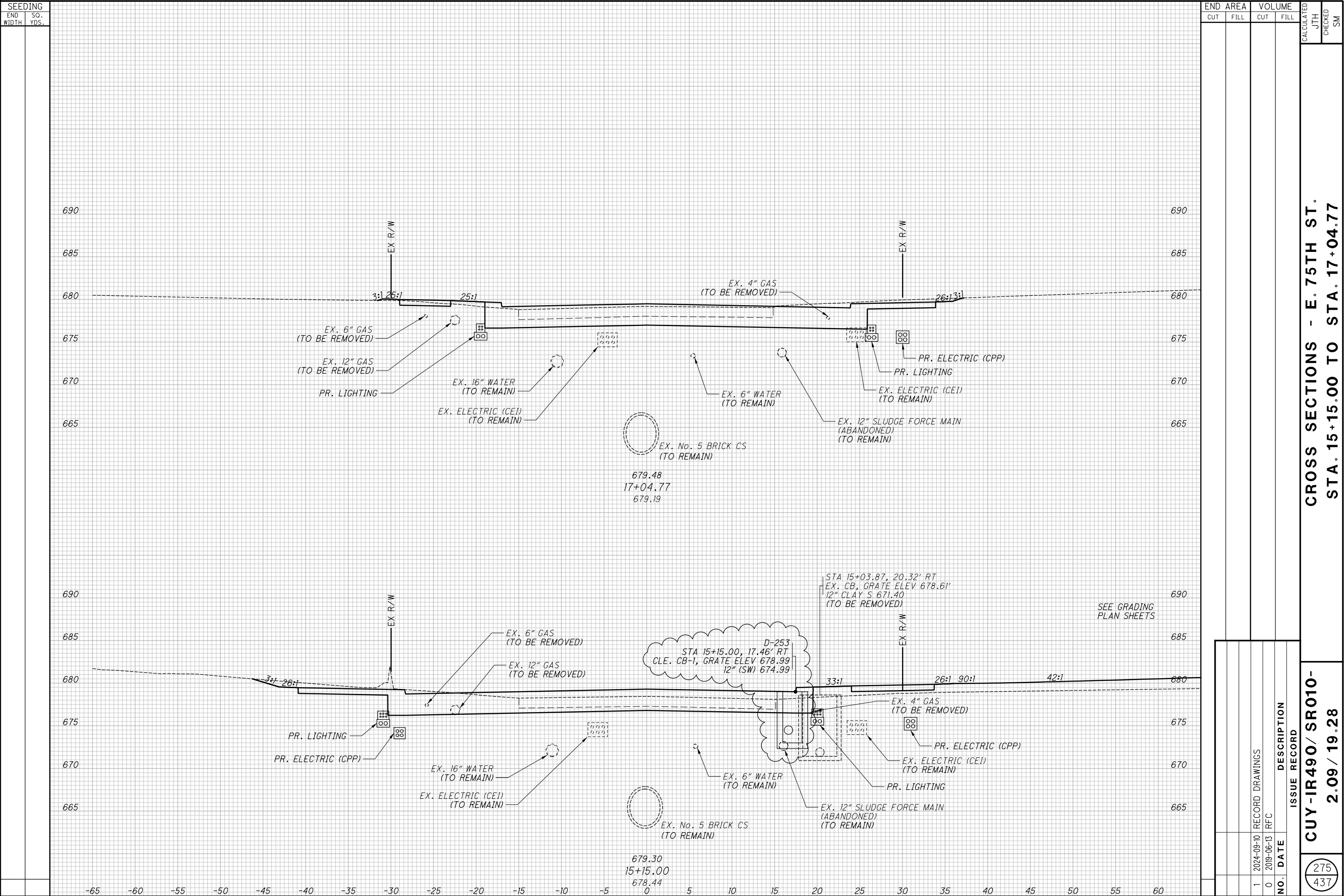
RECORD PLANS

RECORD PLANS

**CROSS SECTIONS - E. 75TH ST.  
STA. 14+00.00 TO STA. 14+25.00**



**CROSS SECTIONS - E. 75TH ST.**  
**STA. 14+50.00 TO STA. 14+75.00**



CROSS SECTIONS - E. 75TH ST.  
STA. 15+15.00 TO STA. 17+04.77

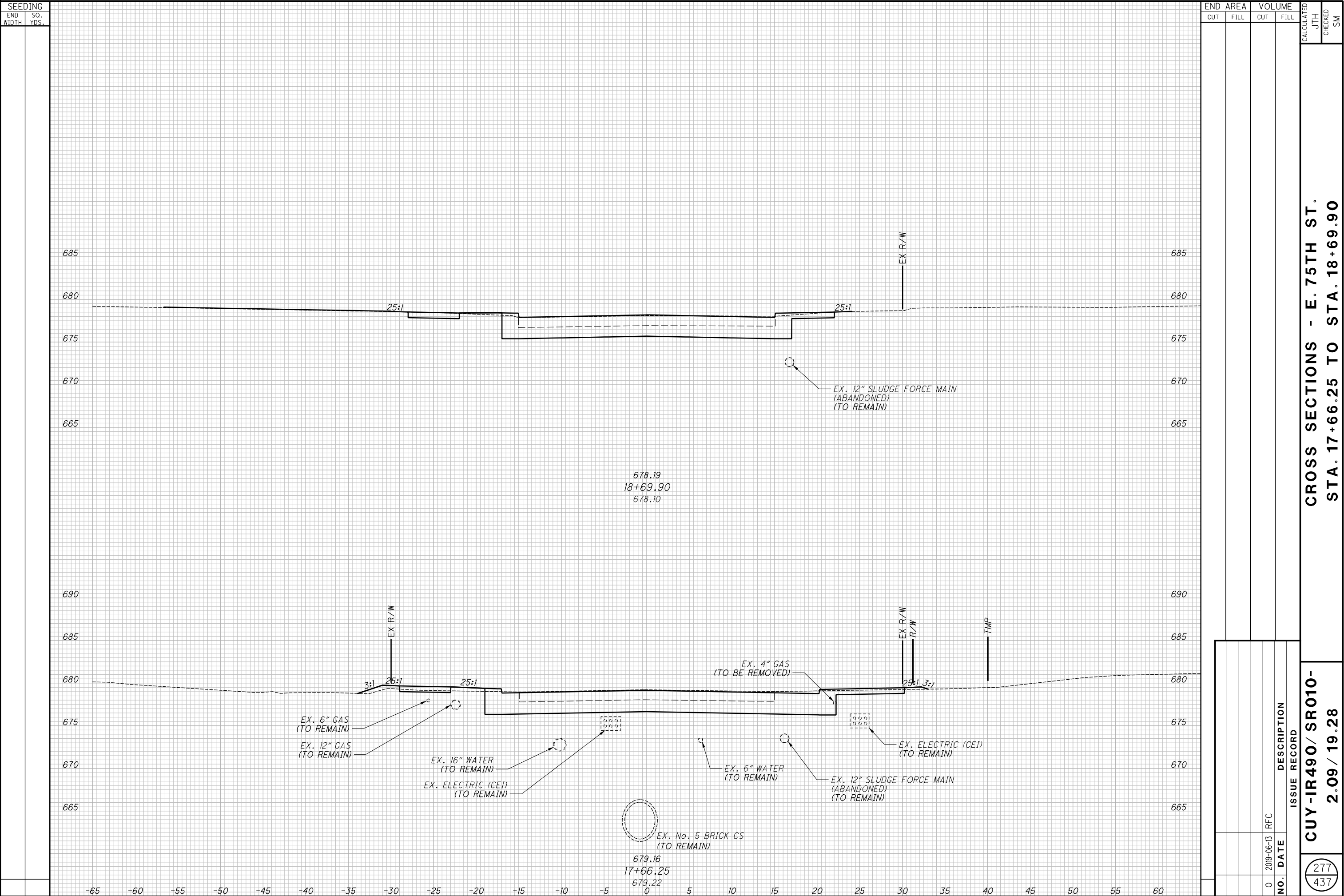
CUY-IR490/ SR010-  
2.09 / 19.28

275  
437

RECORD PLANS

RECORD PLANS

**CROSS SECTIONS - E. 75TH ST.**  
**STA. 17+25.00 TO STA. 17+50.00**



CROSS SECTIONS - E. 75TH ST.  
STA. 17+66.25 TO STA. 18+69.90

CUY-IR490/ SR010-  
2.09 / 19.28

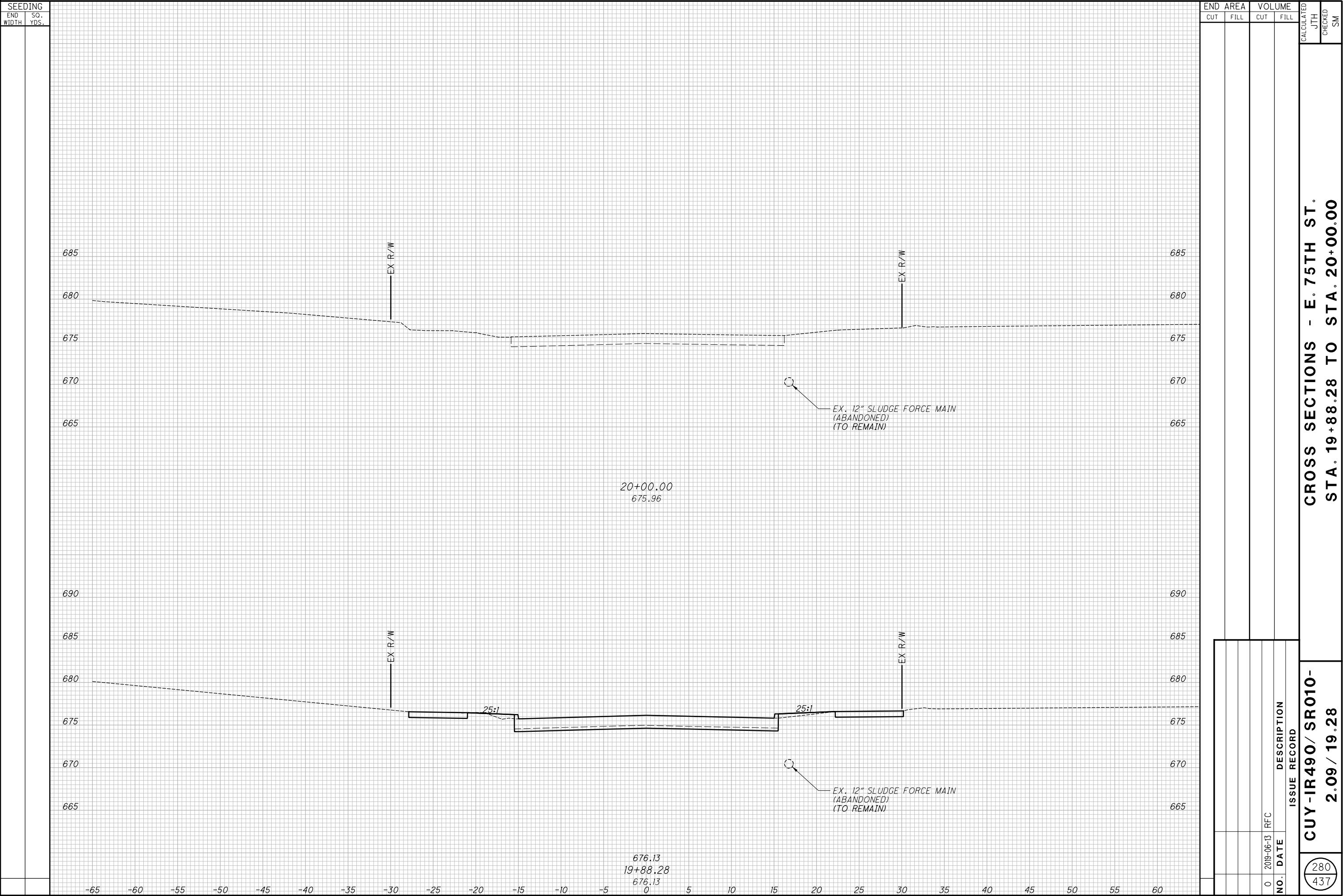
277  
437

RECORD PLANS

RECORD PLANS

**CROSS SECTIONS - E. 75TH ST.  
STA. 19+00.00 TO STA. 19+25.00**

**CROSS SECTIONS - E. 75TH ST.  
STA. 19+50.00 TO STA. 19+75.00**



CROSS SECTIONS - E. 75TH ST.  
STA. 19+88.28 TO STA. 20+00.00

CUY-IR490/ SR010-  
2.09 / 19.28

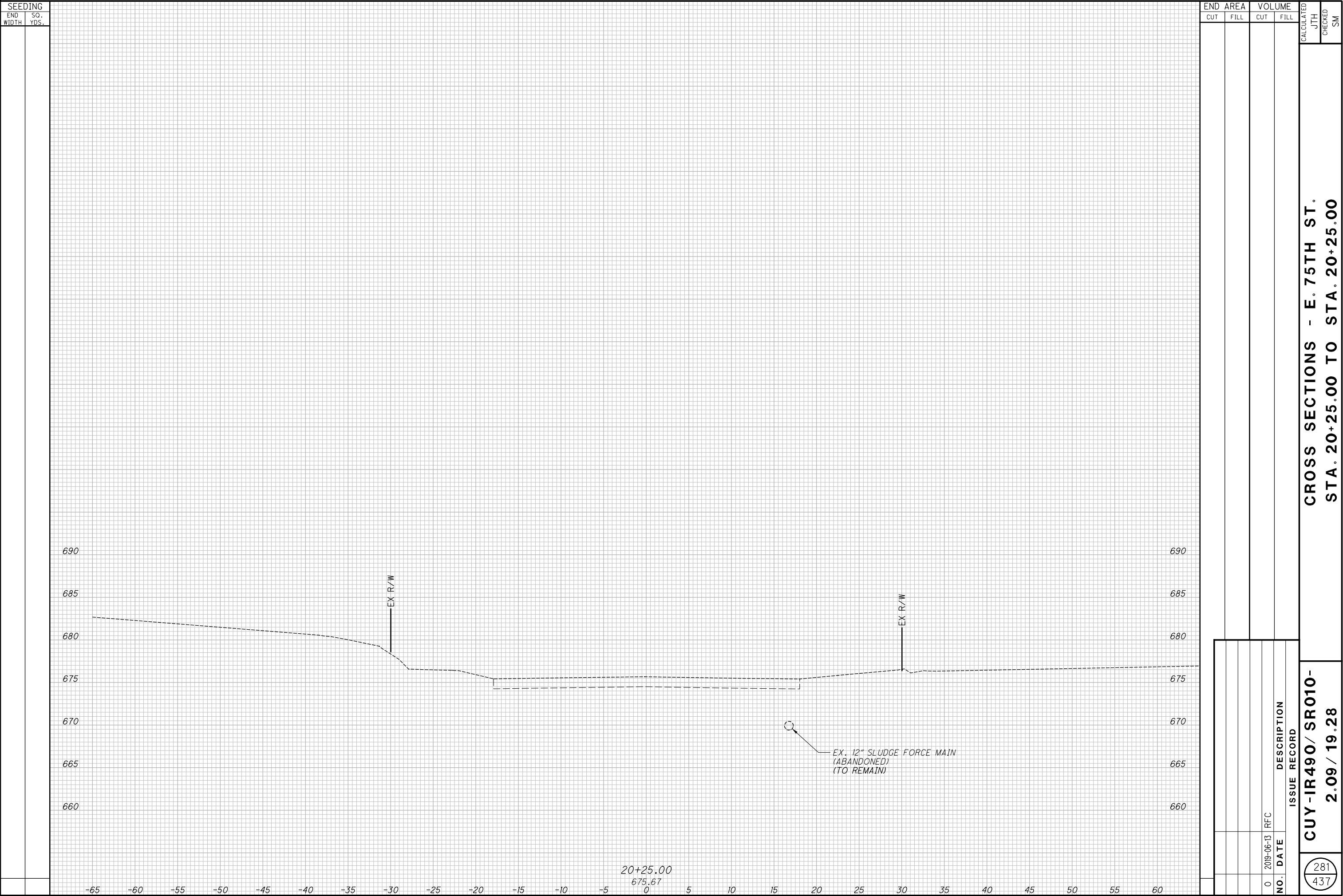
280  
437

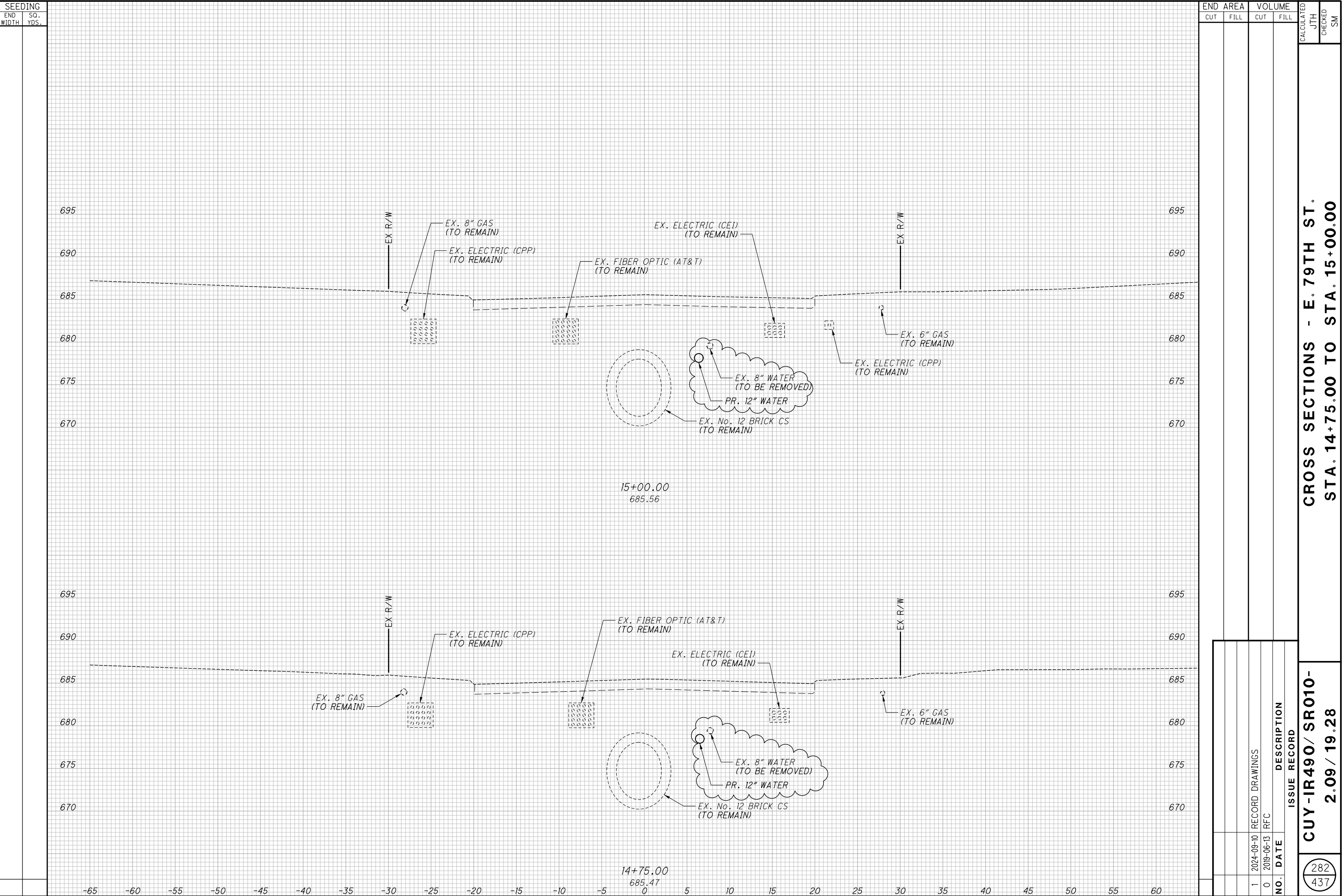
RECORD PLANS

RECORD PLANS

RECORD PLANS







CROSS SECTIONS - E. 79TH ST.  
STA. 14+75.00 TO STA. 15+00.00

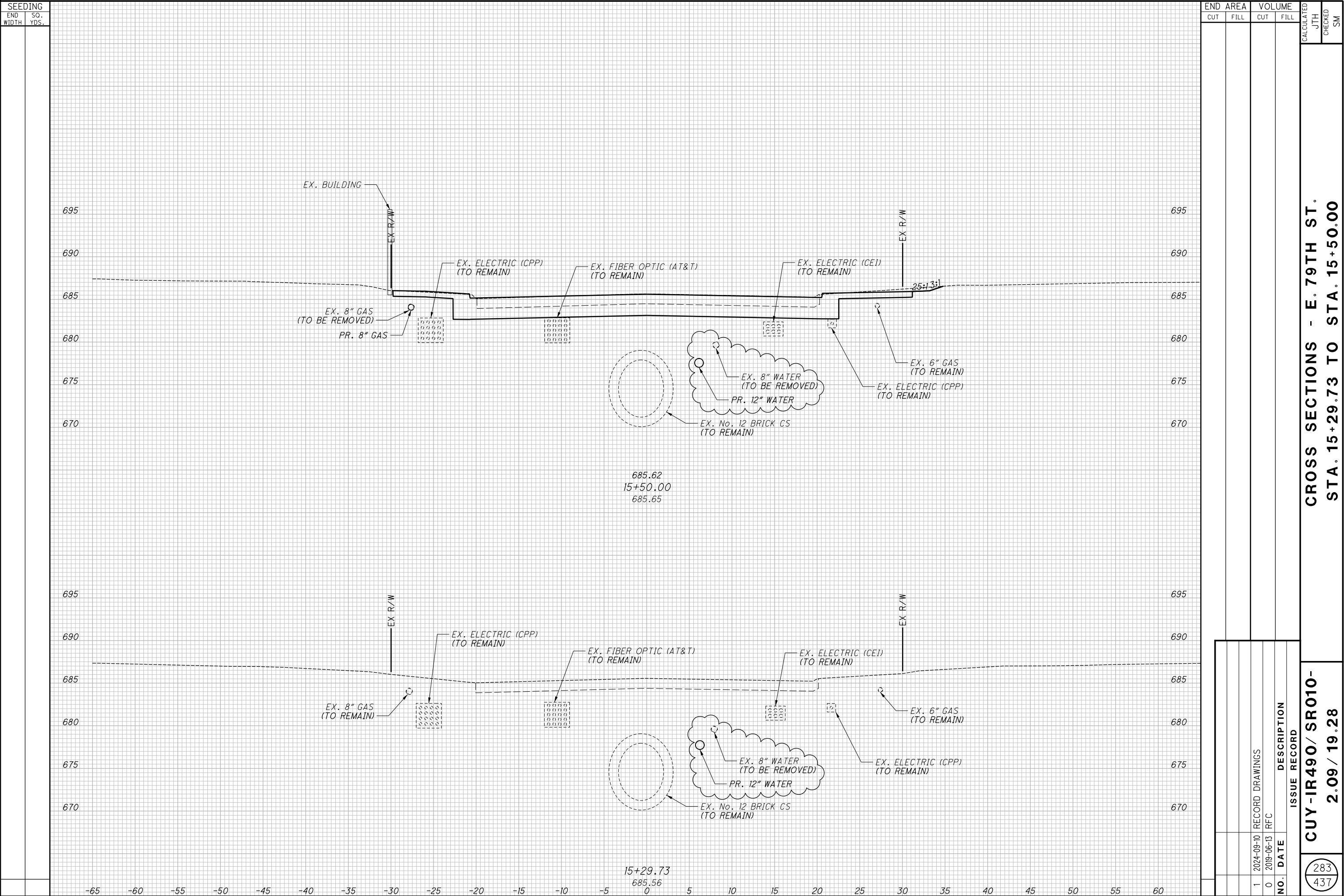
CUY-IR490/ SR010-  
2.09 / 19.28

282  
437

RECORD PLANS

RECORD PLANS

RECORD PLANS



CROSS SECTIONS - E. 79TH ST.  
STA. 15+29.73 TO STA. 15+50.00

CUY-IR490/ SR010-  
2.09 / 19.28

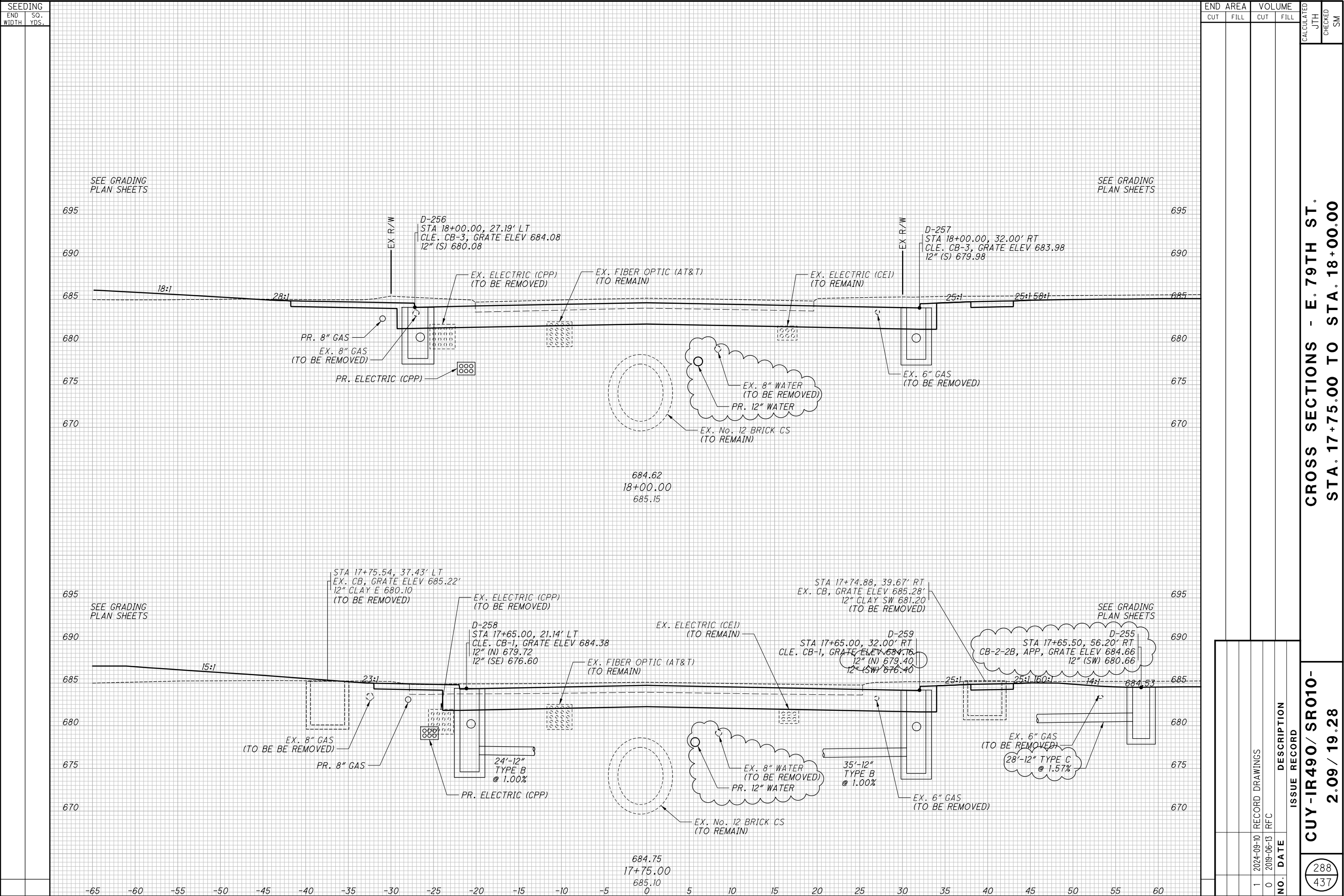
**CROSS SECTIONS - E. 79TH ST.  
STA. 15+75.00 TO STA. 16+00.00**

**CROSS SECTIONS - E. 79TH ST.  
STA. 16+25.00 TO STA. 16+50.00**

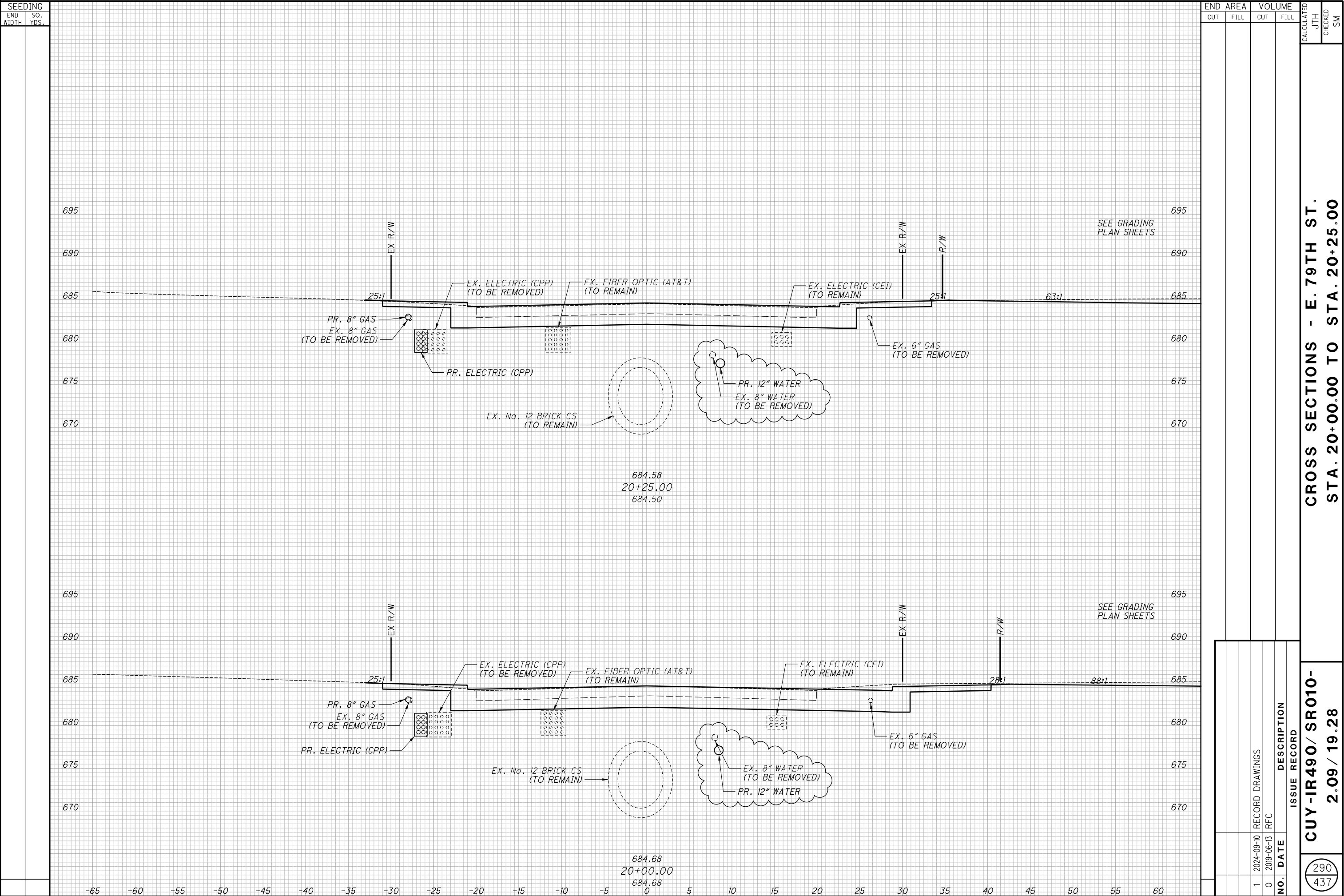
[illegible]

**CROSS SECTIONS - E. 79TH ST.**  
**STA. 17+25.00 TO STA. 17+50.00**





**CROSS SECTIONS - E. 79TH ST.  
STA. 18+17.00 TO STA. 19+83.28**



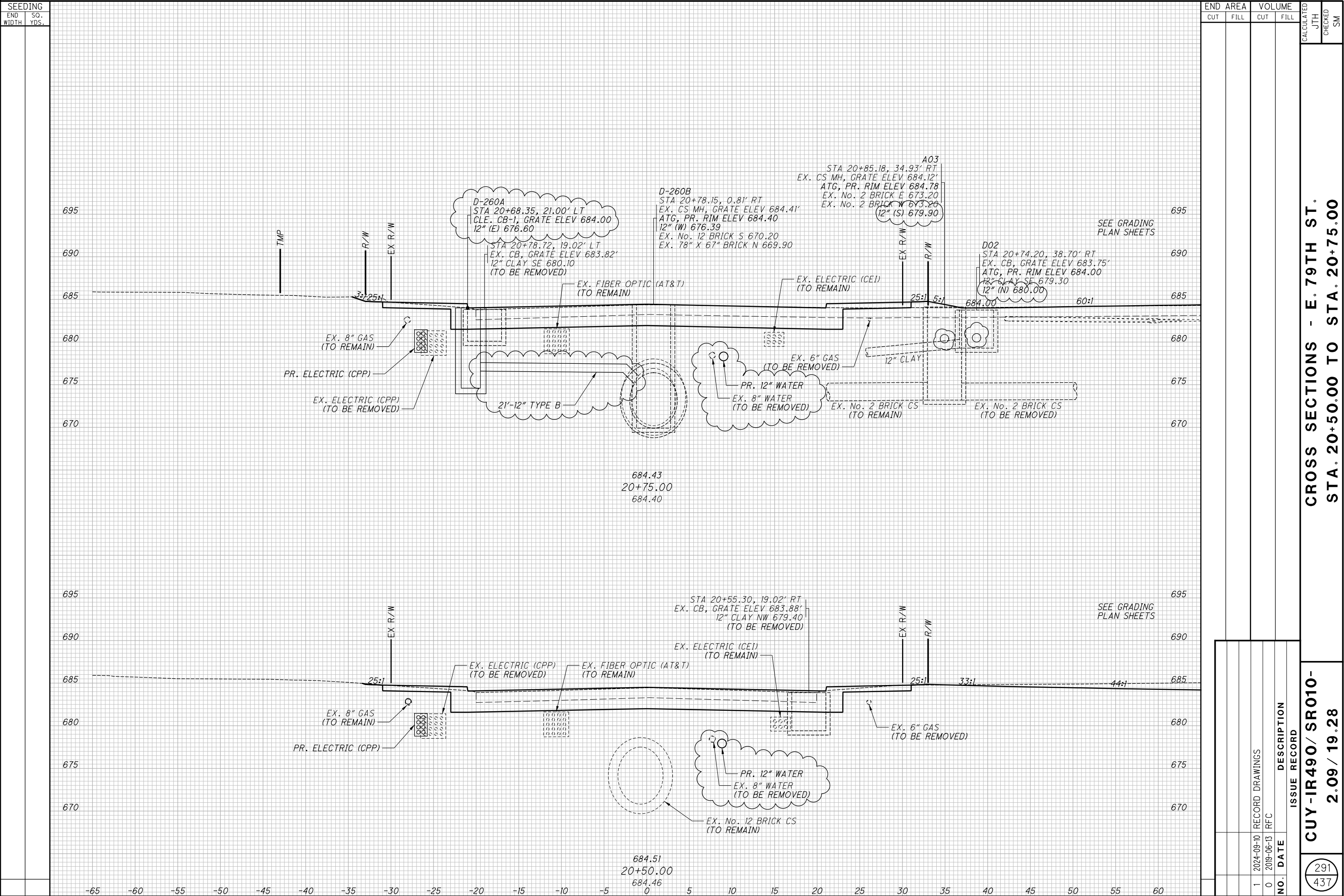
CROSS SECTIONS - E. 79TH ST.  
STA. 20+00.00 TO STA. 20+25.00

CUY-IR490/ SR010-  
2.09 / 19.28

290  
437

RECORD PLANS

RECORD PLANS



CROSS SECTIONS - E. 79TH ST.  
STA. 20+50.00 TO STA. 20+75.00

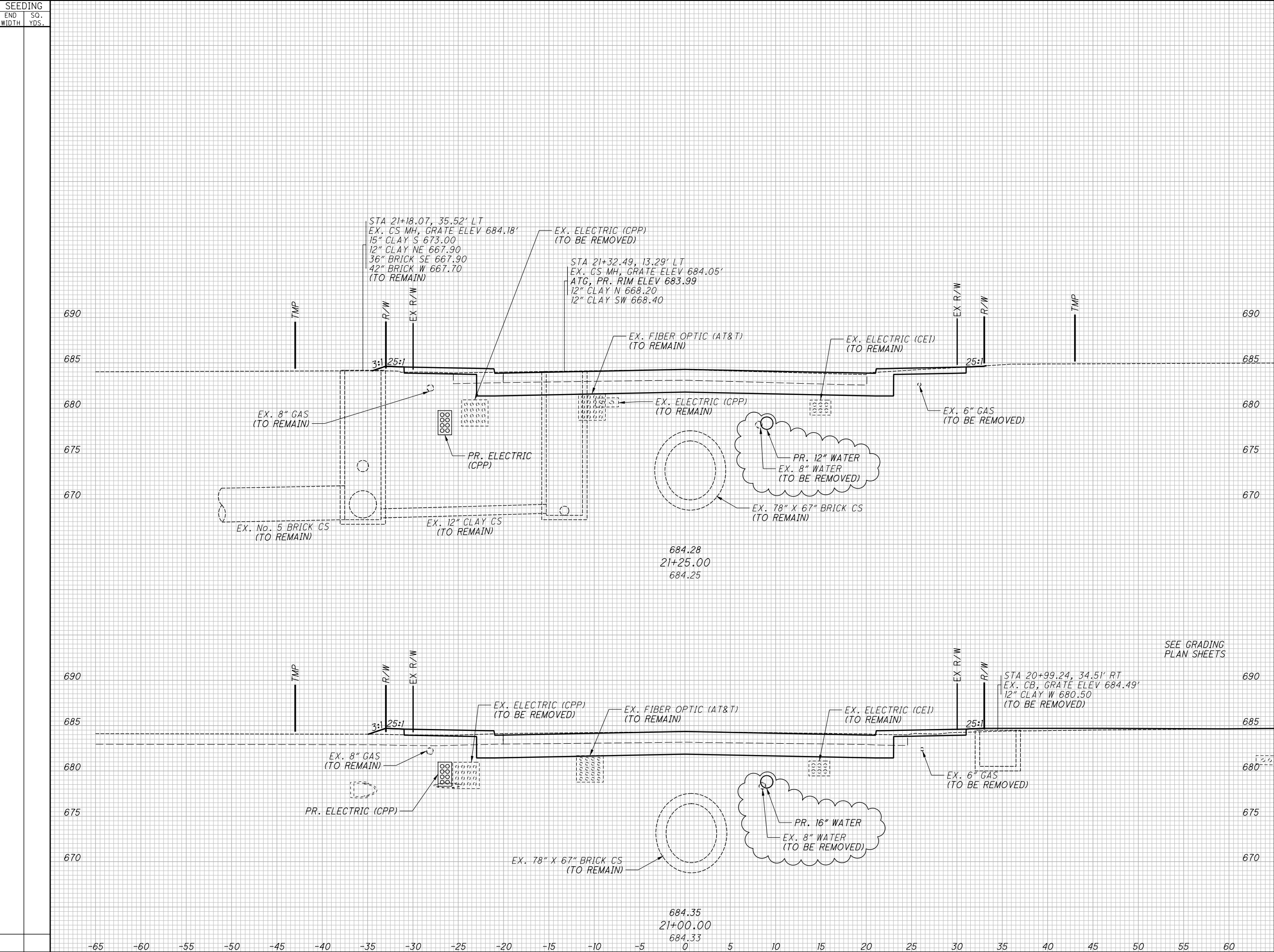
CUY-IR490/ SR010-  
2.09 / 19.28

291  
437

RECORD PLANS

RECORD PLANS

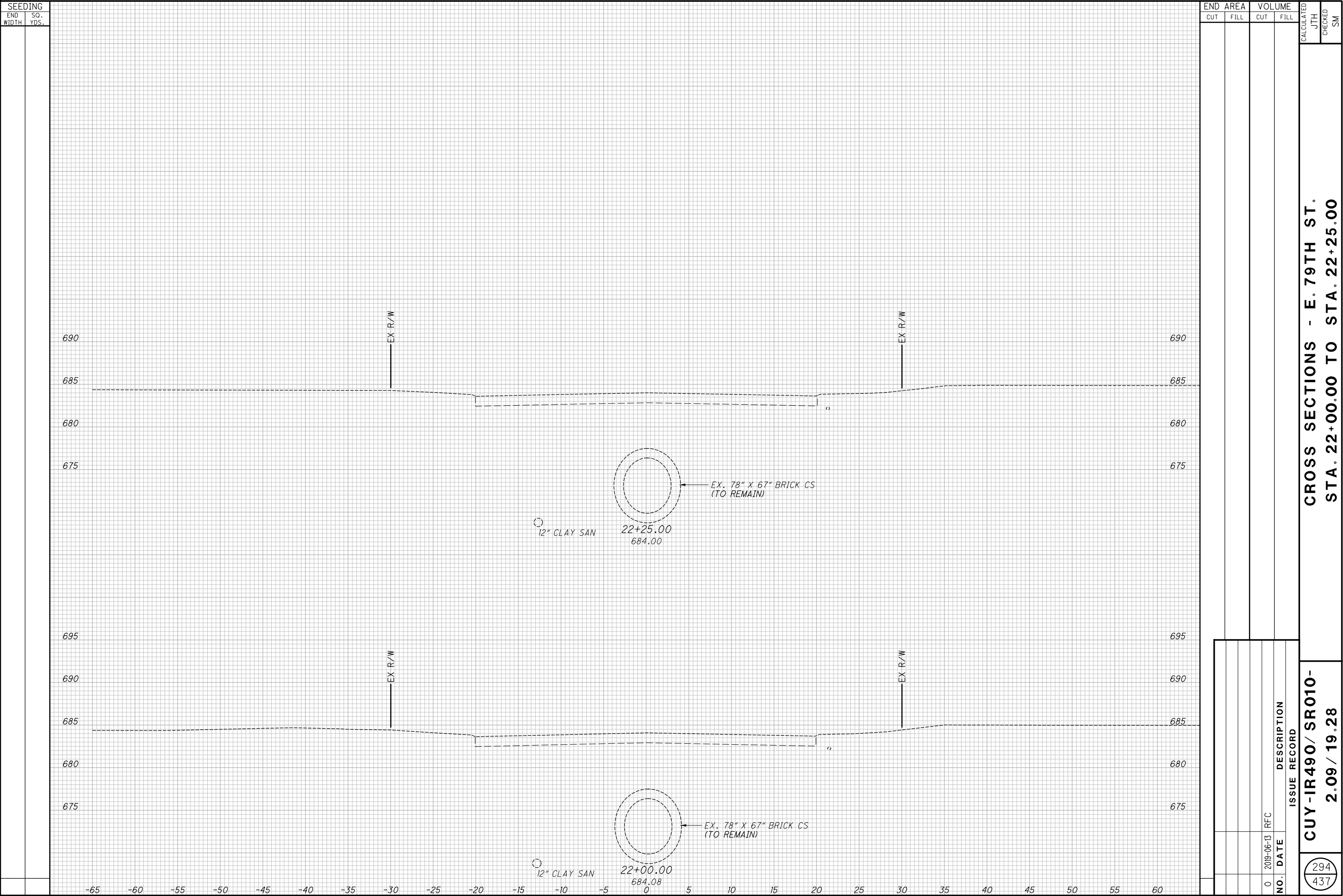
RECORD PLANS



CROSS SECTIONS - E. 79TH ST.  
STA. 21+00.00 TO STA. 21+25.00

CUY-IR490/ SR010-  
2.09 / 19.28

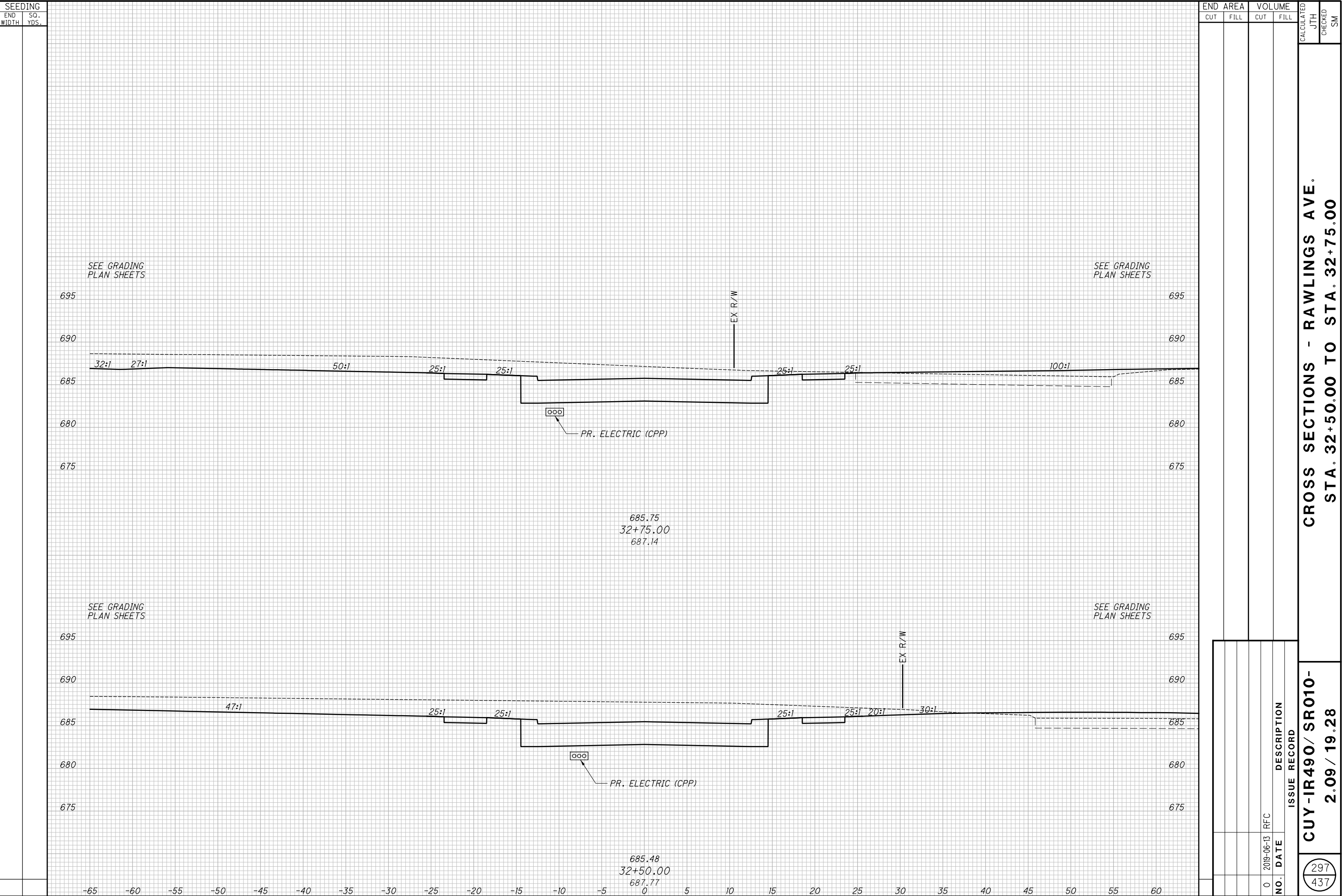
**CROSS SECTIONS - E. 79TH ST.  
STA. 21+50.00 TO STA. 21+71.18**

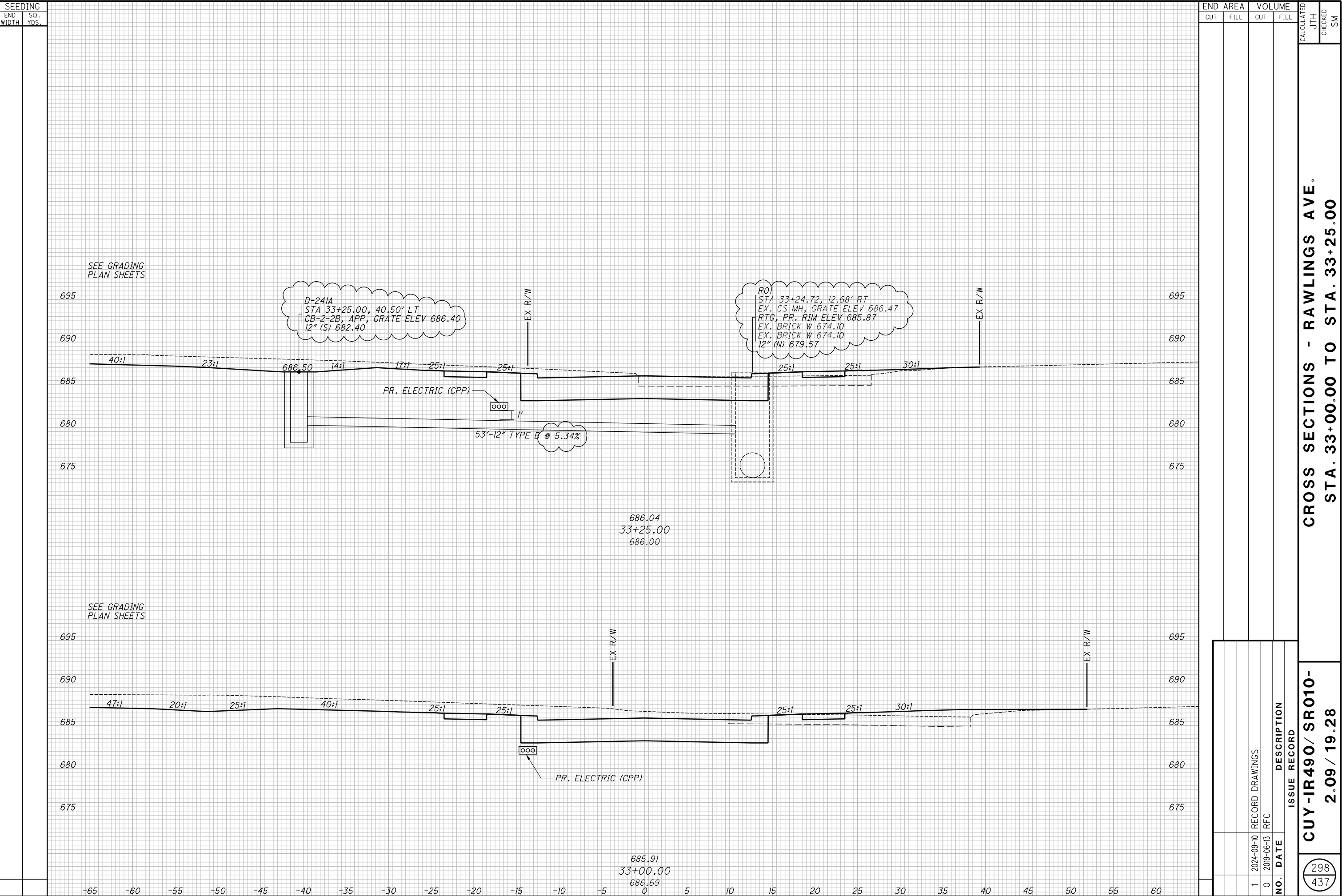


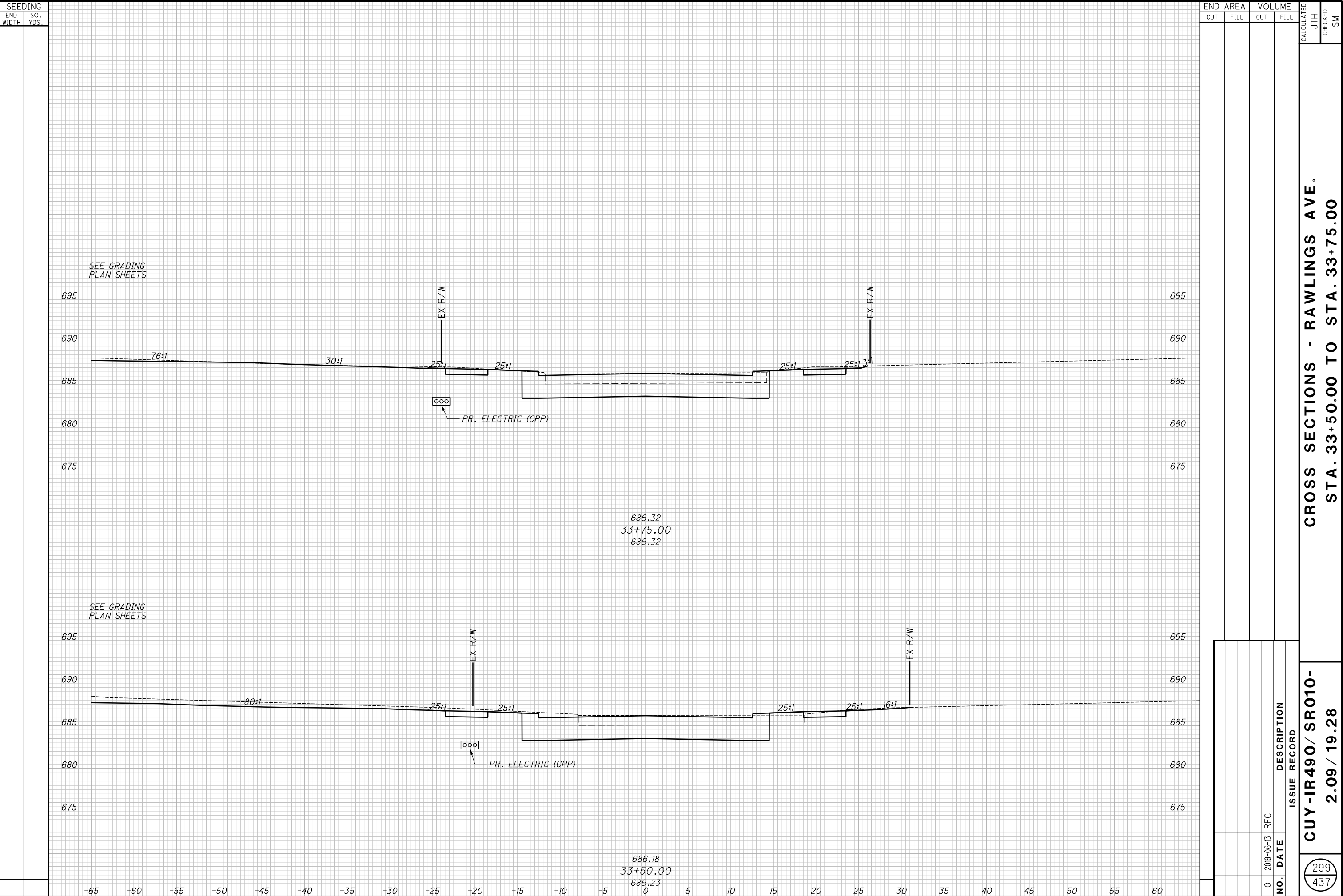


[illegible]

**CROSS SECTIONS - RAWLINGS AVE.  
STA. 32+00.00 TO STA. 32+25.00**

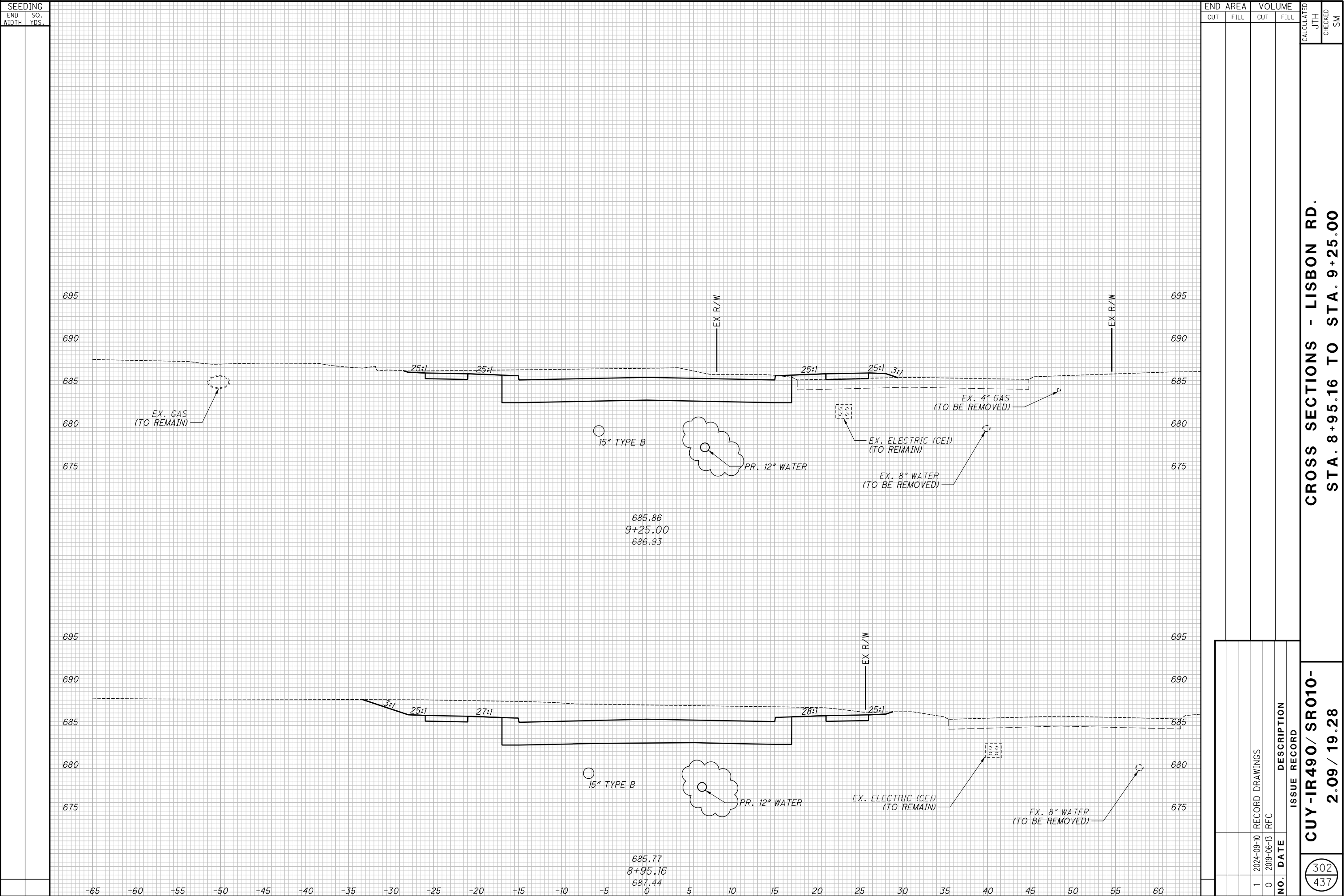




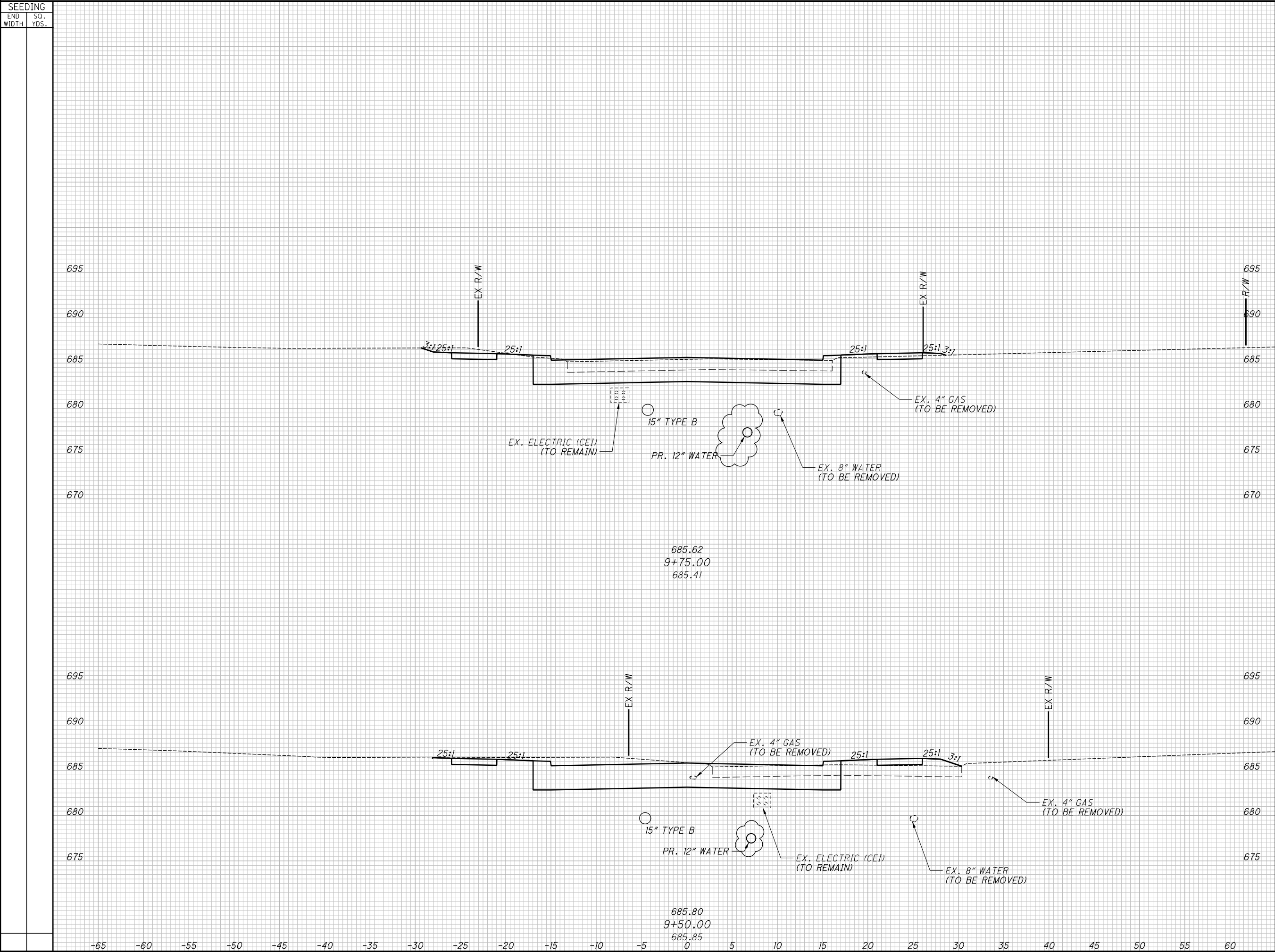


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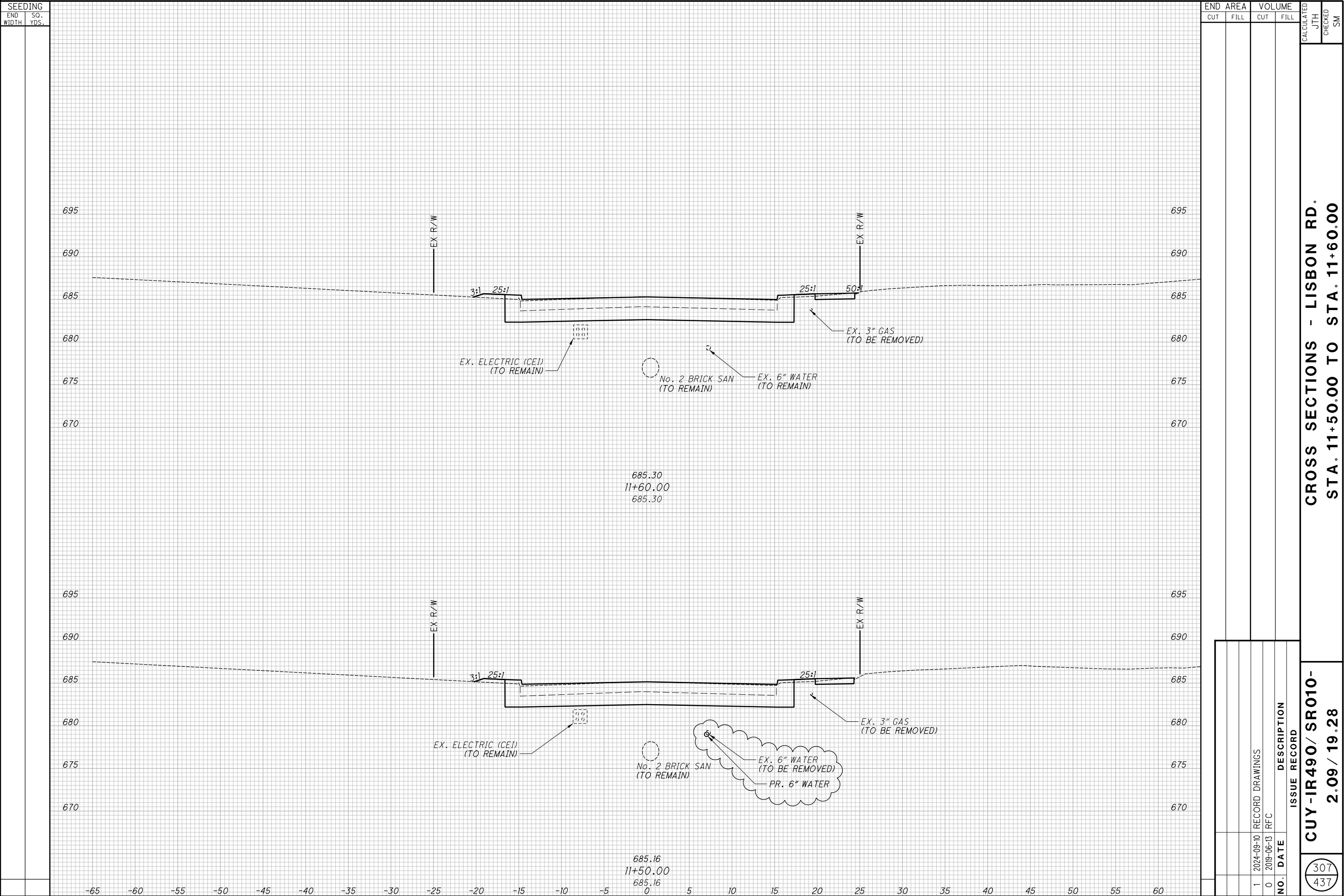


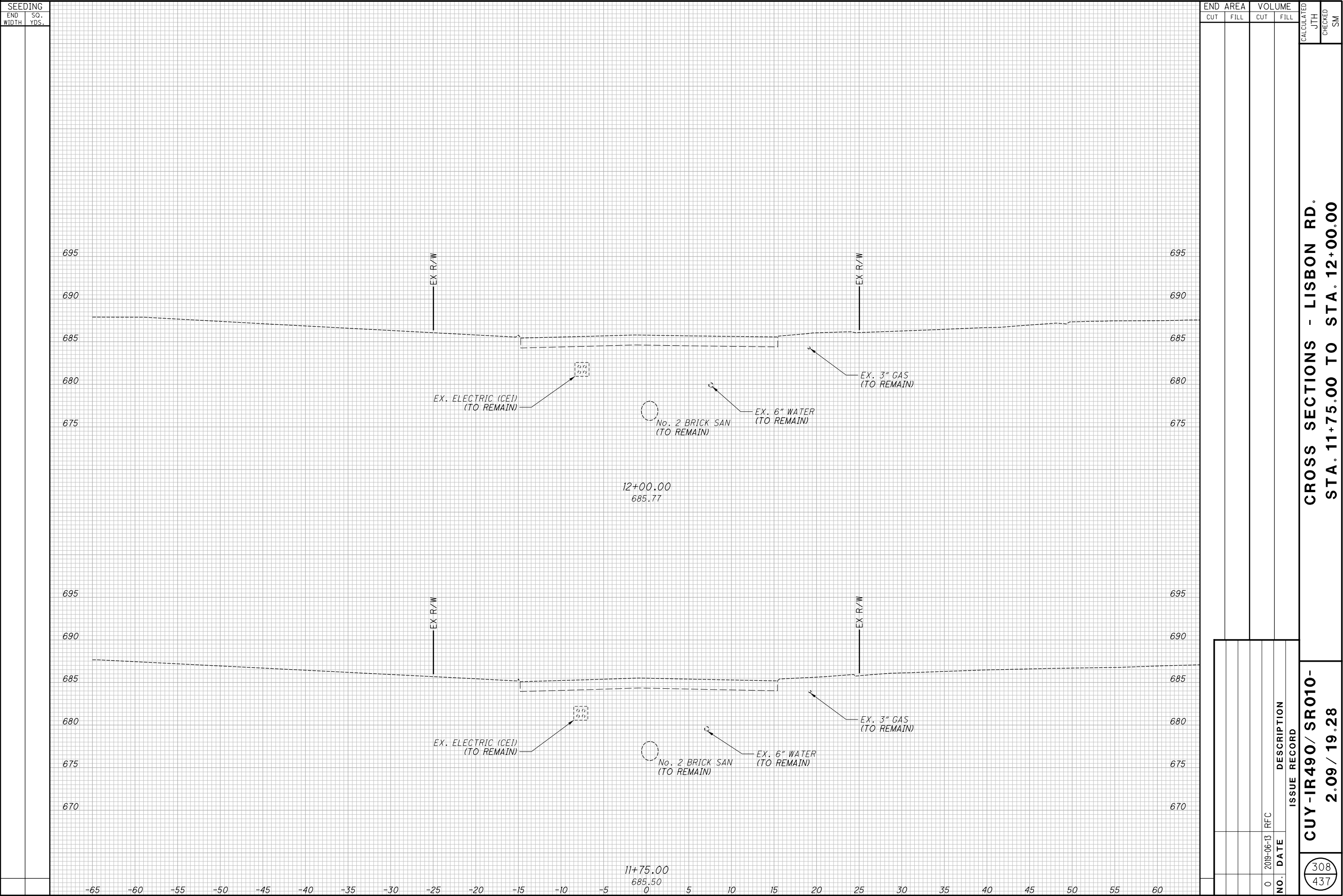
END		AREA		VOLUME		CALCULATED JTH	CHECKED SM
CUT		FILL		CUT	FILL		
						CROSS SECTIONS - LISBON RD. STA. 9+50.00 TO STA. 9+75.00	
1	2024-09-10	RECORD DRAWINGS				CROSS SECTIONS - LISBON RD. STA. 9+50.00 TO STA. 9+75.00	
0	2019-06-13	RFC					
						CROSS SECTIONS - LISBON RD. STA. 9+50.00 TO STA. 9+75.00	
						CROSS SECTIONS - LISBON RD. STA. 9+50.00 TO STA. 9+75.00	
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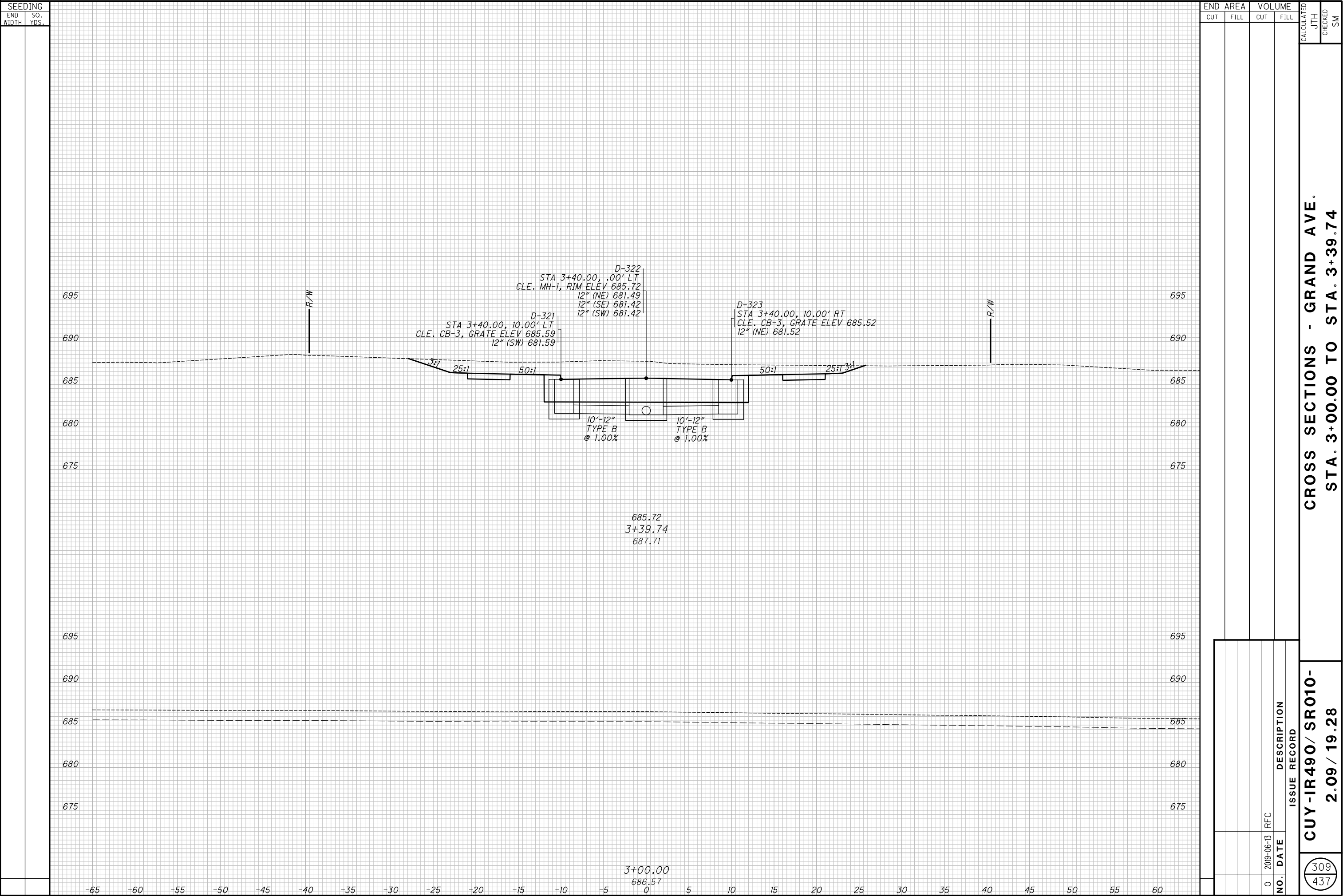
**CROSS SECTIONS - LISBON RD.  
STA. 10+00.00 TO STA. 10+25.00**

**CROSS SECTIONS - LISBON RD.  
STA. 10+50.00 TO STA. 10+75.00**

**CROSS SECTIONS - LISBON RD.  
STA. 11+00.00 TO STA. 11+25.00**







CROSS SECTIONS - GRAND AVE.  
STA. 3+00.00 TO STA. 3+39.74

CUY-IR490/ SR010-  
2.09 / 19.28

[illegible]

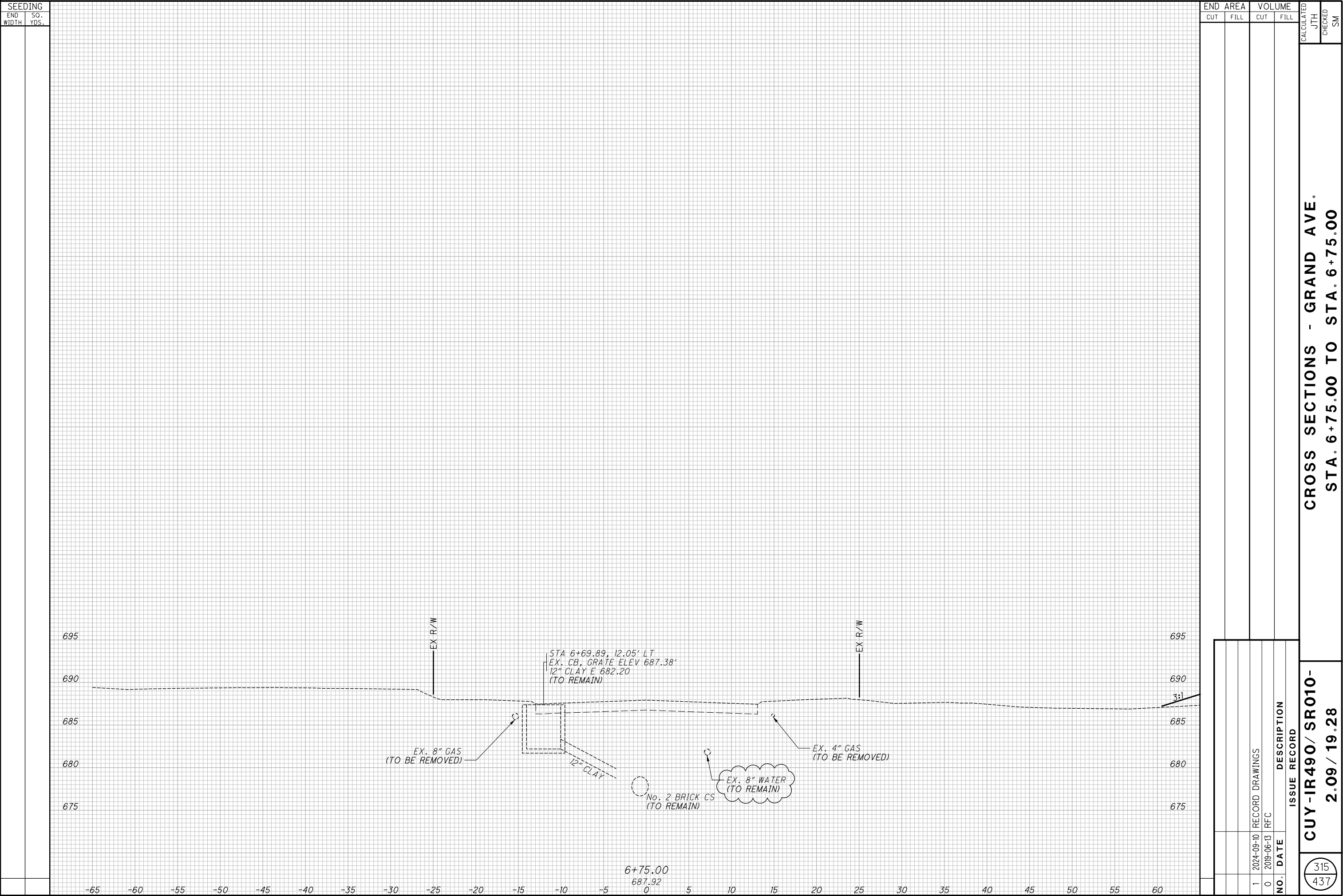


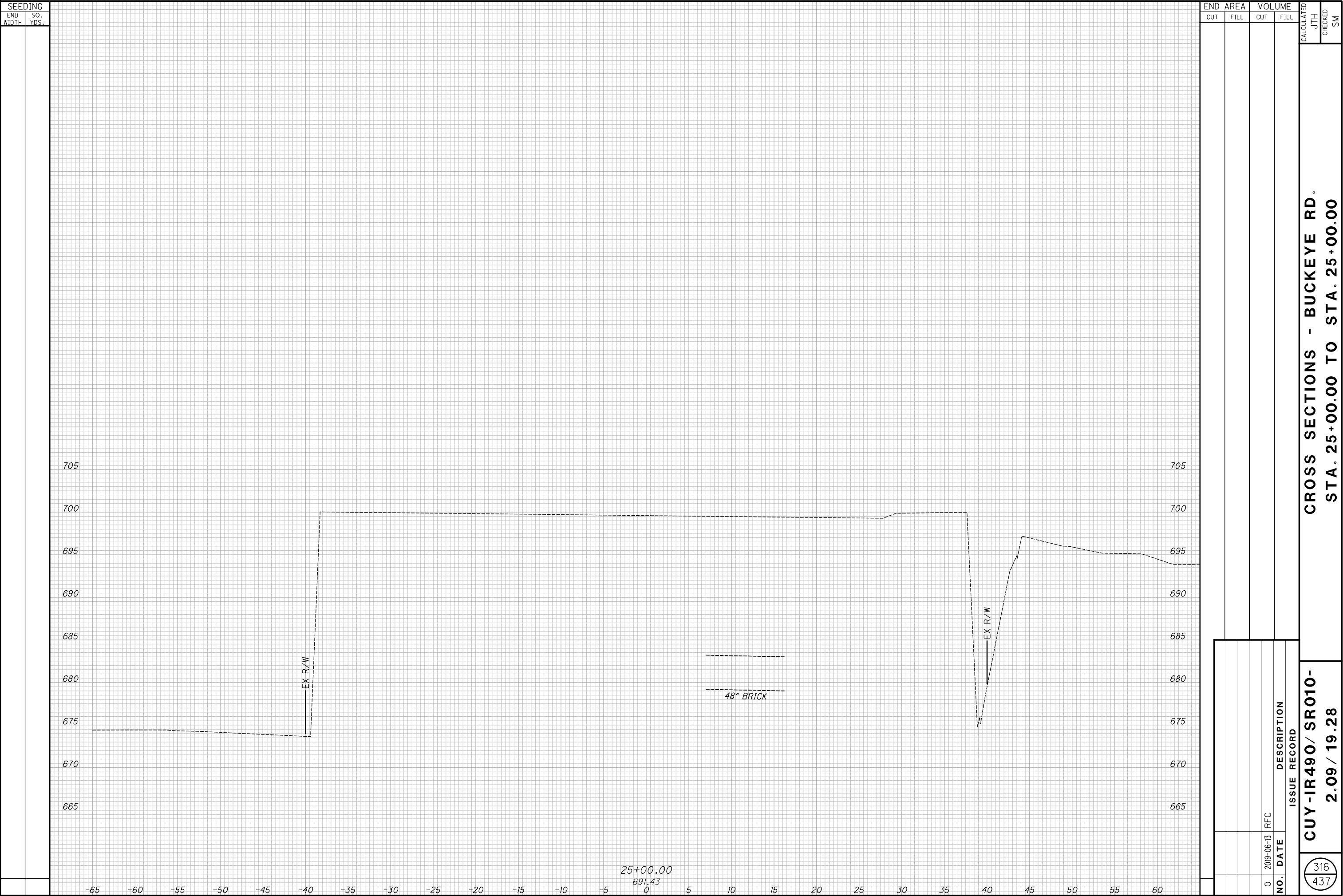
<div><div><div>311</div><div>437</div></div></div>	<div><div>CUY-IR490/ SR010-</div><div>2.09 / 19.28</div></div>	<div><div>CROSS SECTIONS - GRAND AVE.</div><div>STA. 4+00.00 TO STA. 4+50.00</div></div>		CALCULATED
				JTH
				CHECKED
				SM

**CROSS SECTIONS - GRAND AVE.  
STA. 4+75.00 TO STA. 5+25.00**

313  
437

**CROSS SECTIONS - GRAND AVE.  
STA. 6+24.22 TO STA. 6+50.00**



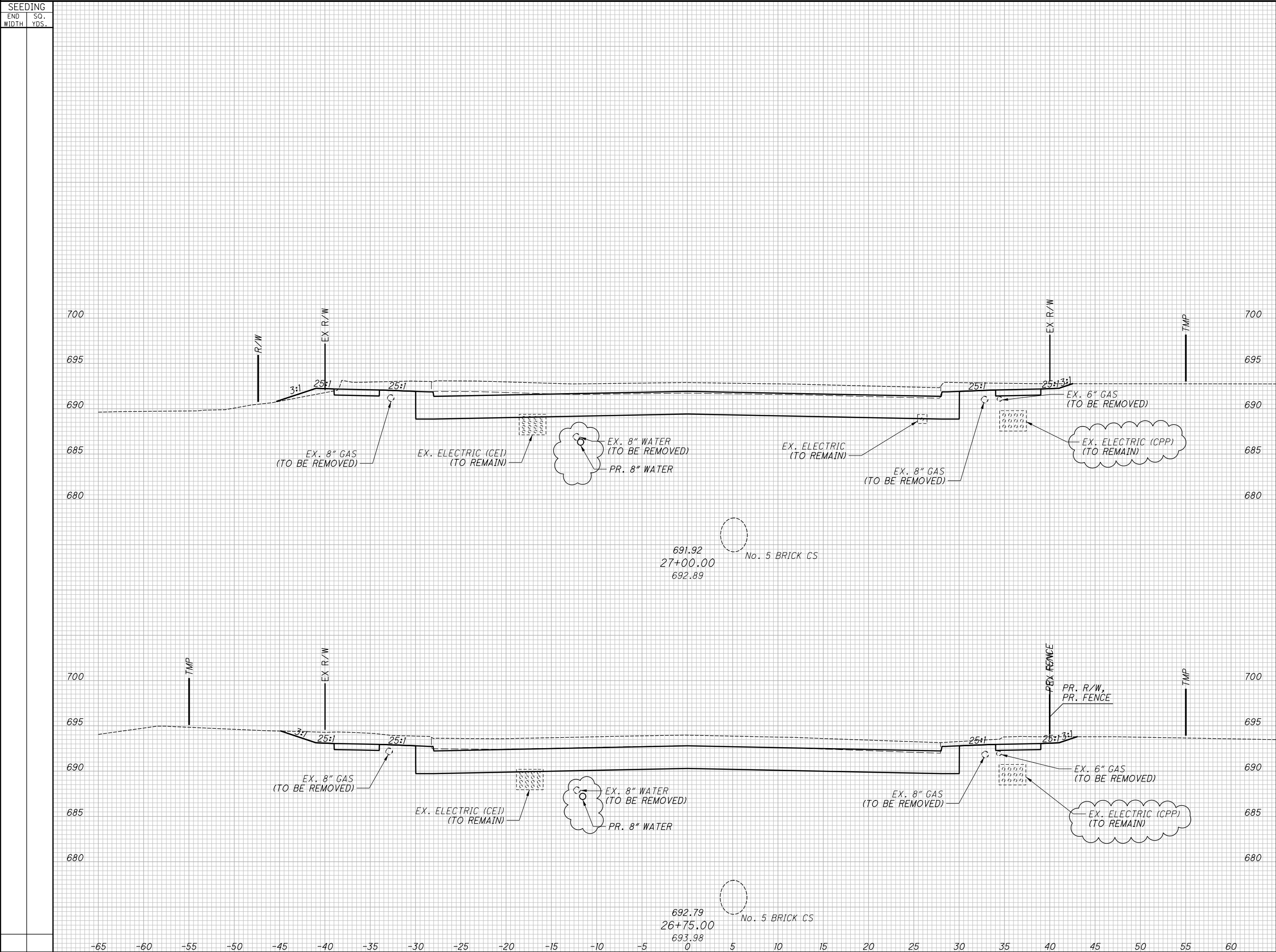


**CROSS SECTIONS - BUCKEYE RD.  
STA. 25+25.00 TO STA. 25+50.00**

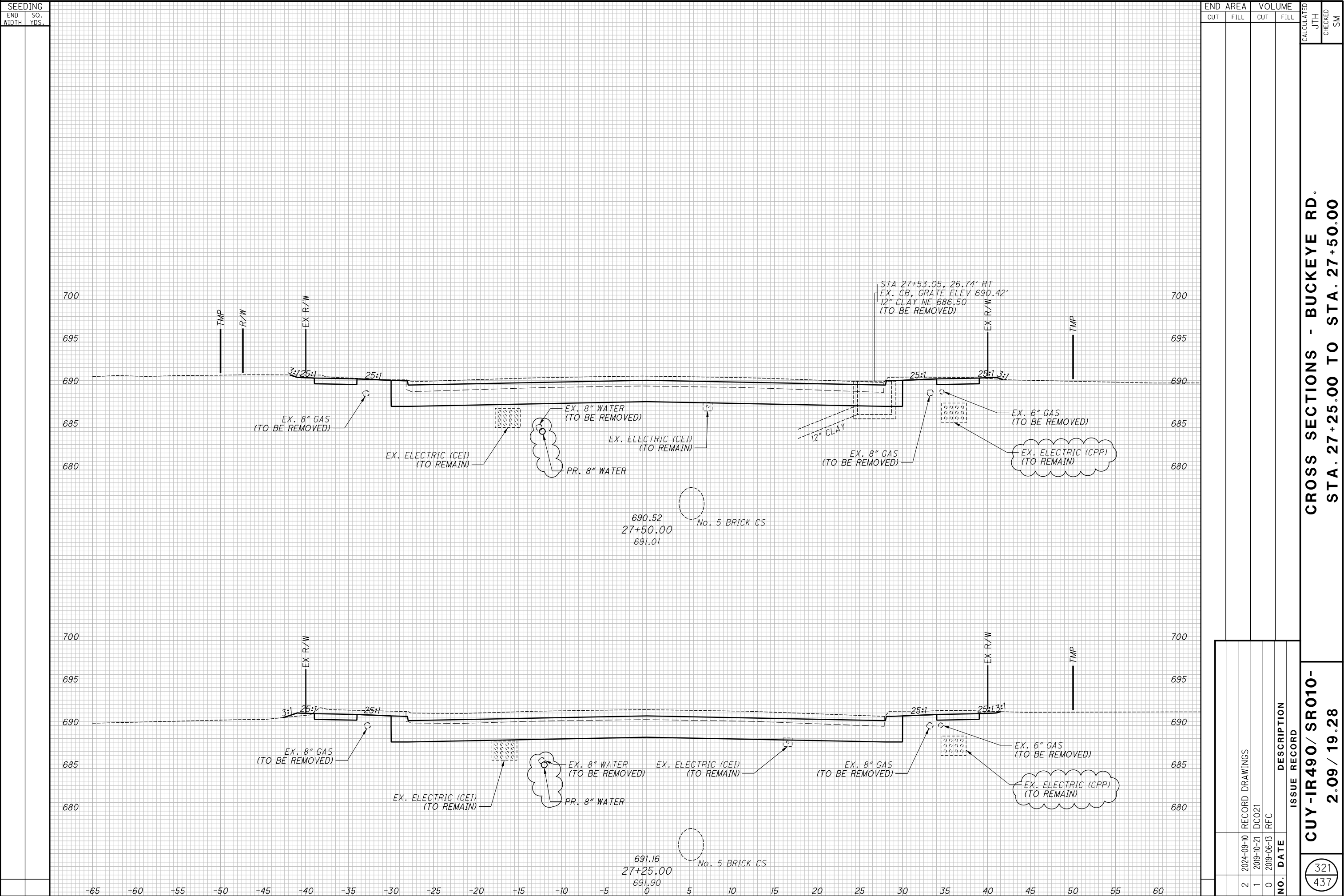
**CROSS SECTIONS - BUCKEYE RD.  
STA. 25+77.62 TO STA. 26+00.00**



**CROSS SECTIONS - BUCKEYE RD.  
STA. 26+25.00 TO STA. 26+50.00**



SEEDING		END AREA		VOLUME		CALCULATED JTH	CHECKED SM
END WIDTH	SO. YDS.	CUT	FILL	CUT	FILL		
CROSS SECTIONS - BUCKEYE RD. STA. 26+75.00 TO STA. 27+00.00							
RECORD PLANS							
2		2024-09-10		RECORD DRAWINGS		CUY-IR490/ SR010-	
1		2019-10-21		DC021		2.09 / 19.28	
0		2019-06-13		RFC		RECORD PLANS	
NO. DATE		ISSUE RECORD		DESCRIPTION		320	
						437	

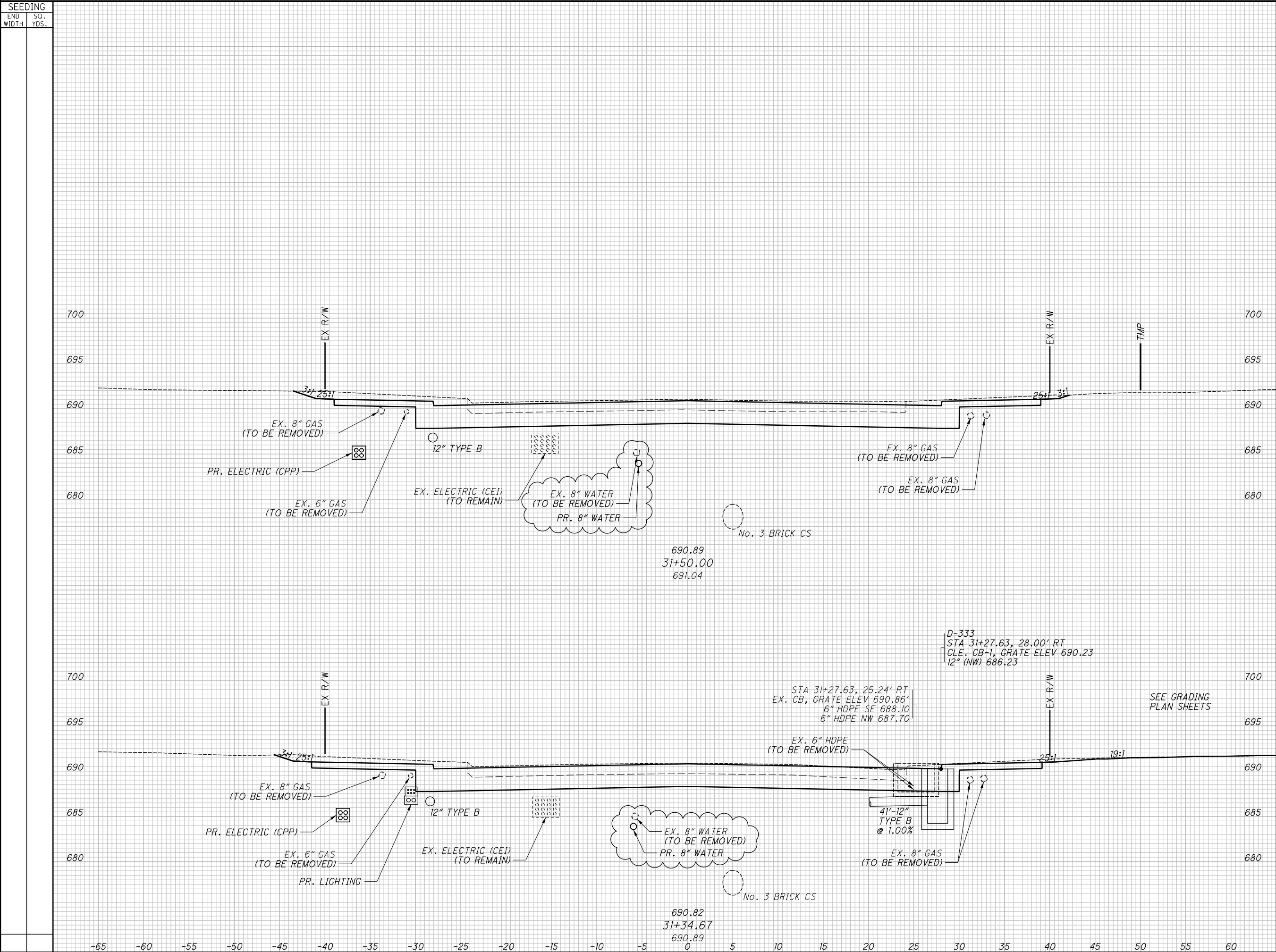


**CROSS SECTIONS - BUCKEYE RD.  
STA. 27+72.41 TO STA. 28+18.67**

**CROSS SECTIONS - BUCKEYE RD.  
STA. 28+30.00 TO STA. 28+50.00**

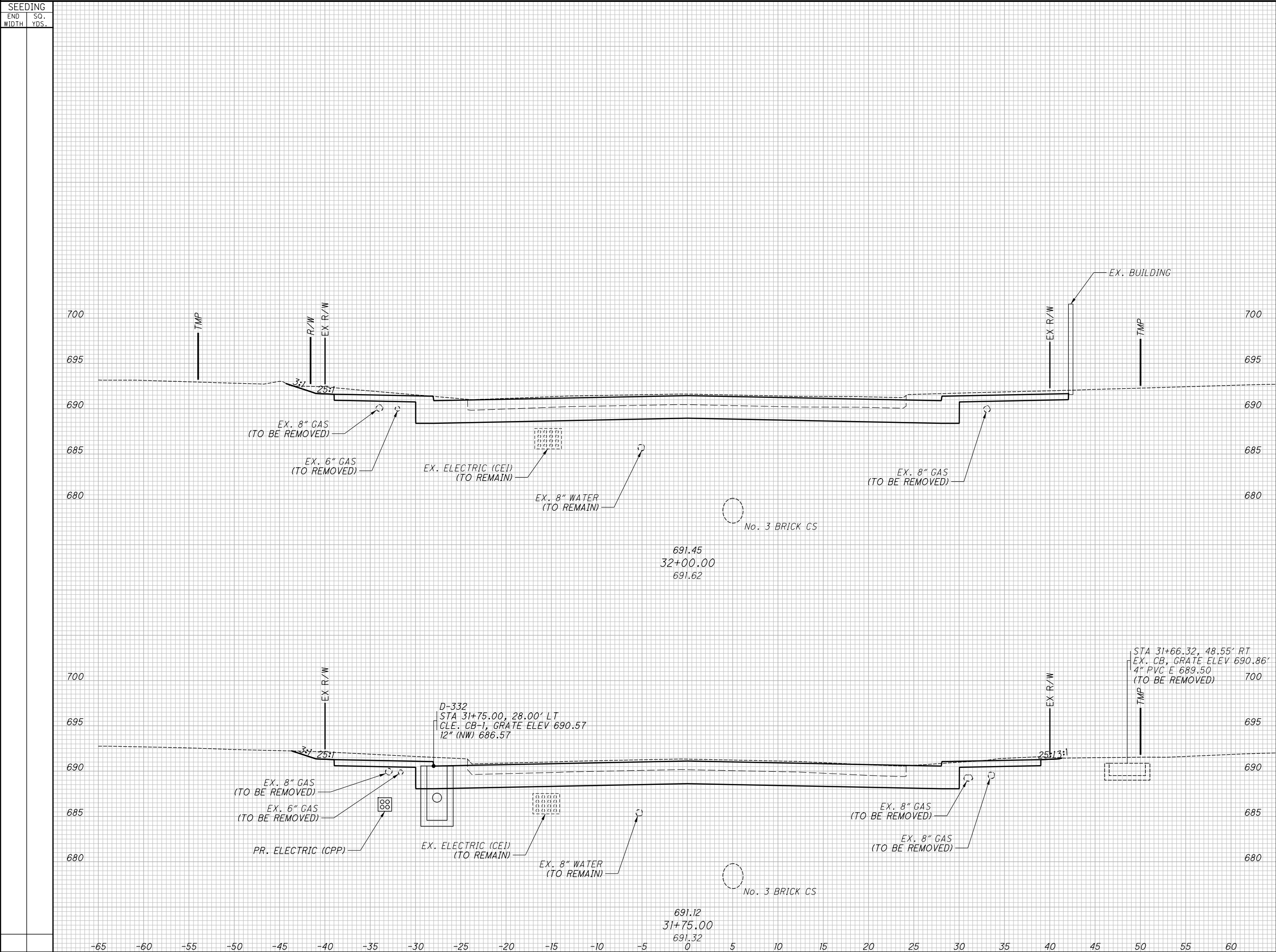
**CROSS SECTIONS - BUCKEYE RD.  
STA. 28+75.00 TO STA. 29+00.00**

**CROSS SECTIONS - BUCKEYE RD.  
STA. 29+25.00 TO STA. 29+35.60**

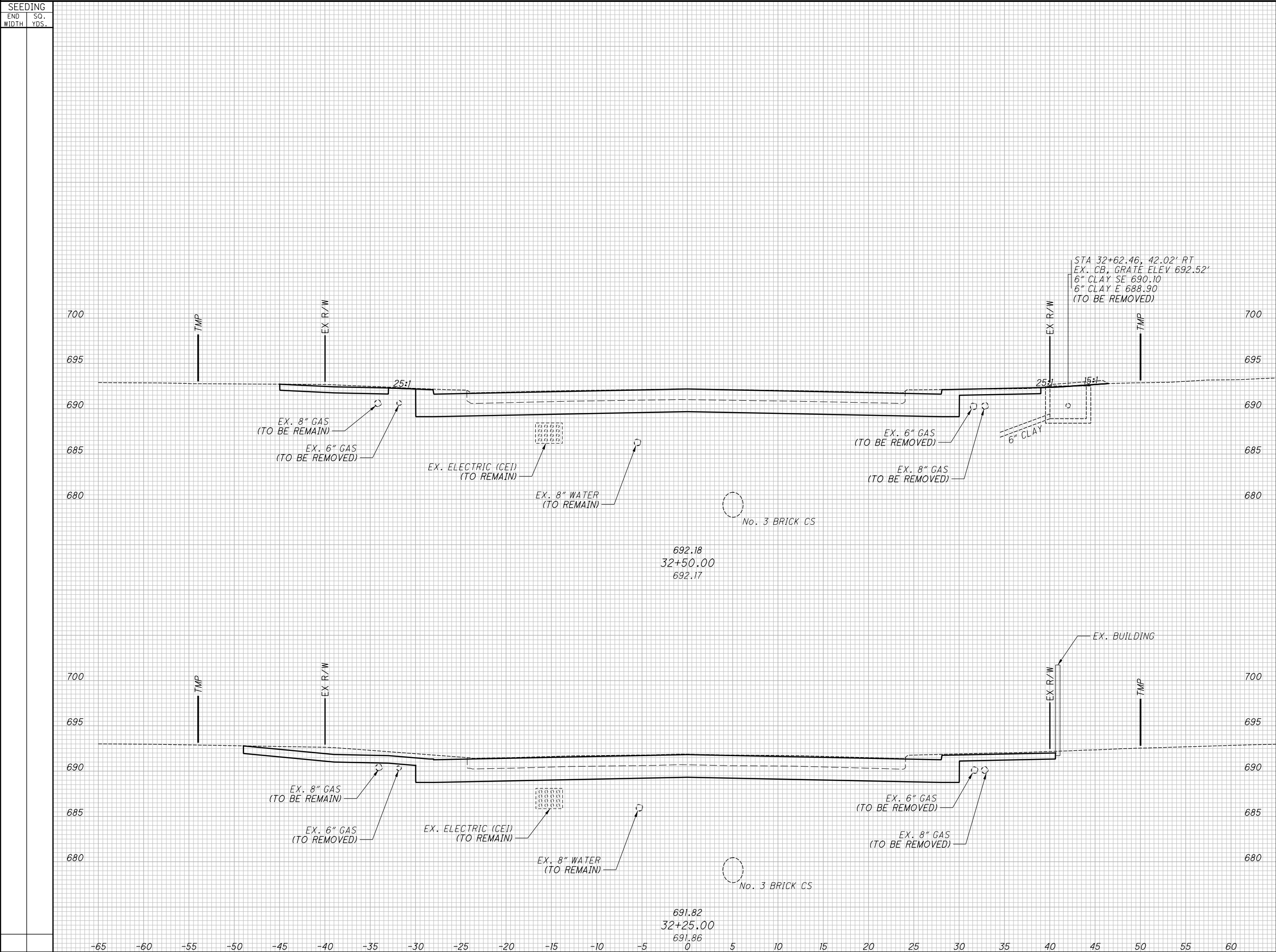


END		AREA		VOLUME		CALCULATED JTH	CHECKED SM
CUT		FILL		CUT	FILL		





SEEDING		END AREA		VOLUME		CALCULATED JTH	CHECKED SM
END WIDTH	SO. YDS.	CUT	FILL	CUT	FILL		
CROSS SECTIONS - BUCKEYE RD. STA. 31+75.00 TO STA. 32+00.00							
RECORD PLANS							
CUY-IR490/ SR010- 2.09 / 19.28		RECORD PLANS					
327 437							
NO. DATE		ISSUE RECORD					
0	2019-06-13	RFC					
		DESCRIPTION					



END		AREA		VOLUME		CALCULATED JTH	CHECKED SM
CUT		FILL		CUT	FILL		
						CROSS SECTIONS - BUCKEYE RD. STA. 32+25.00 TO STA. 32+50.00	

**CROSS SECTIONS - BUCKEYE RD.  
STA. 32+75.00 TO STA. 33+00.00**

[illegible]

**CROSS SECTIONS - BUCKEYE RD.  
STA. 34+37.18 TO STA. 34+50.00**

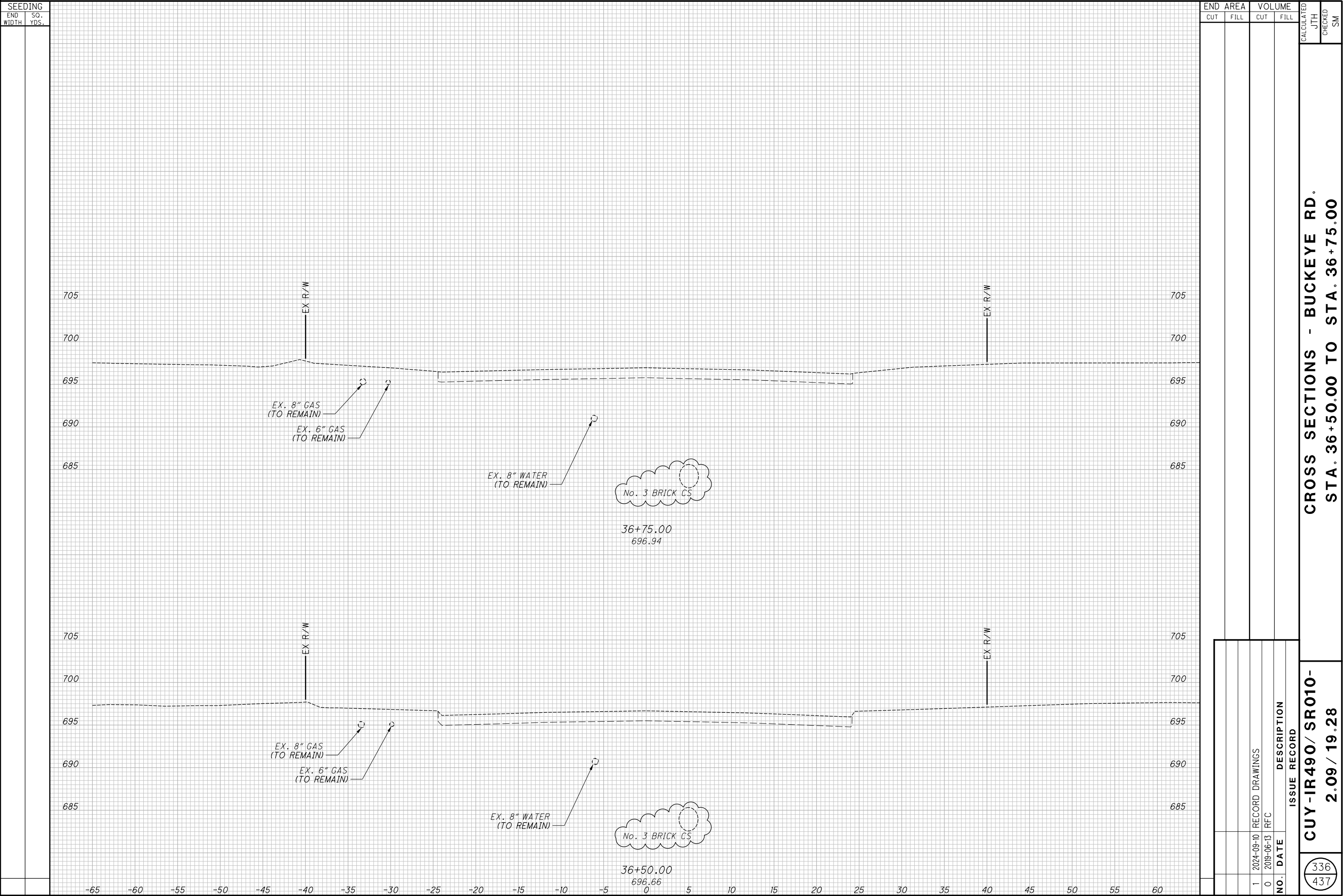
**CROSS SECTIONS - BUCKEYE RD.**  
**STA. 34+75.00 TO STA. 35+00.00**

**CROSS SECTIONS - BUCKEYE RD.  
STA. 35+25.00 TO STA. 35+50.00**

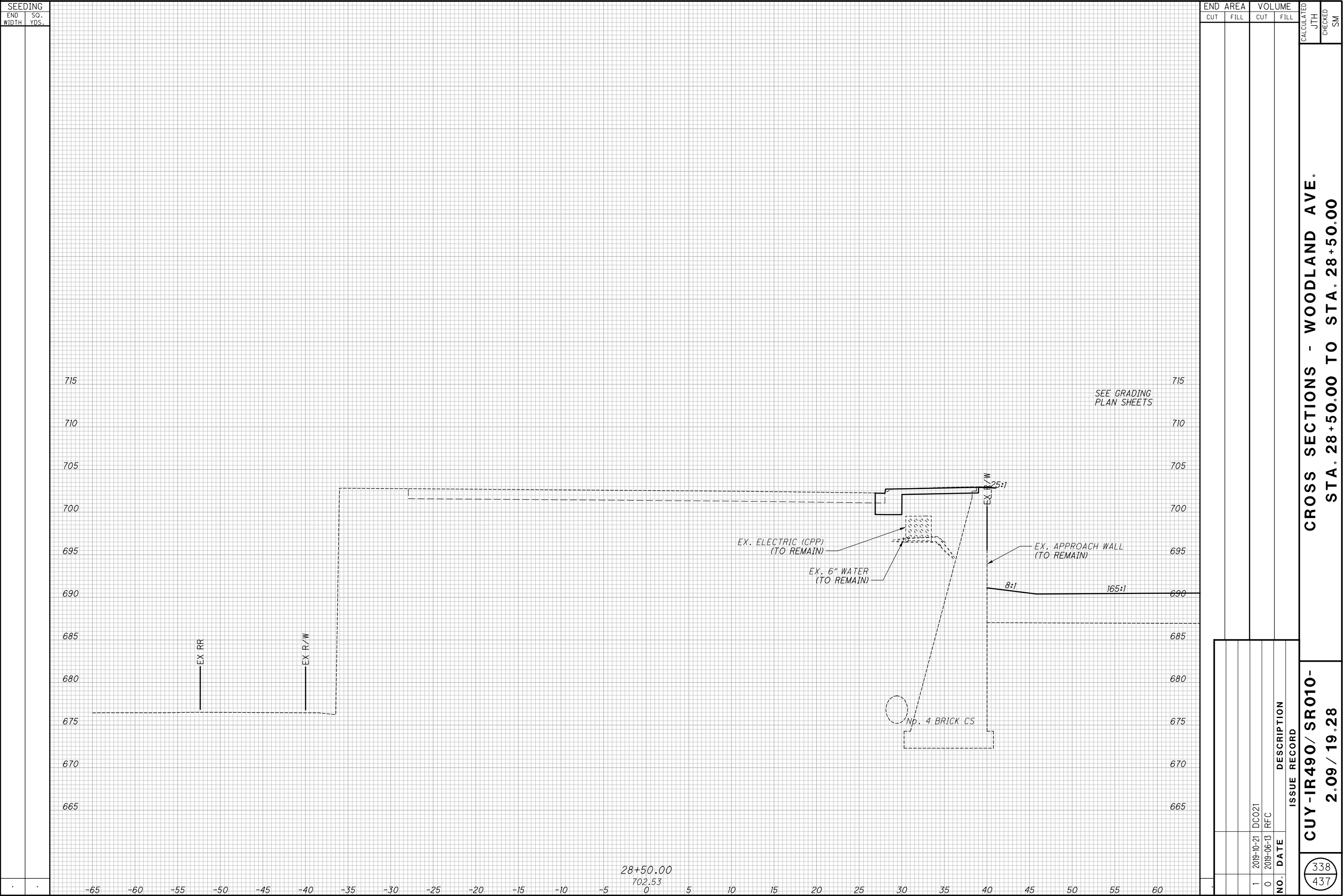
## RECORD PLANS

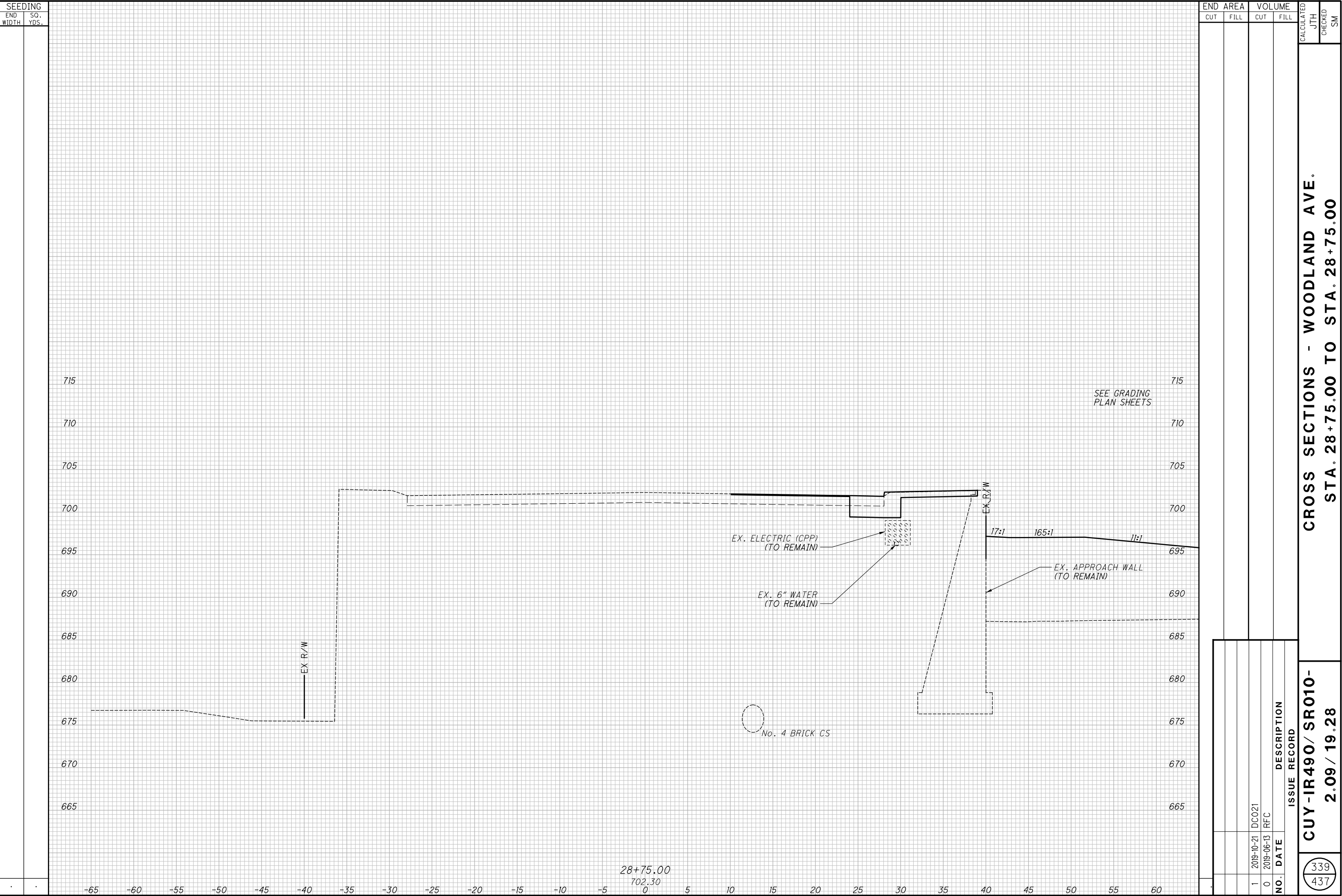


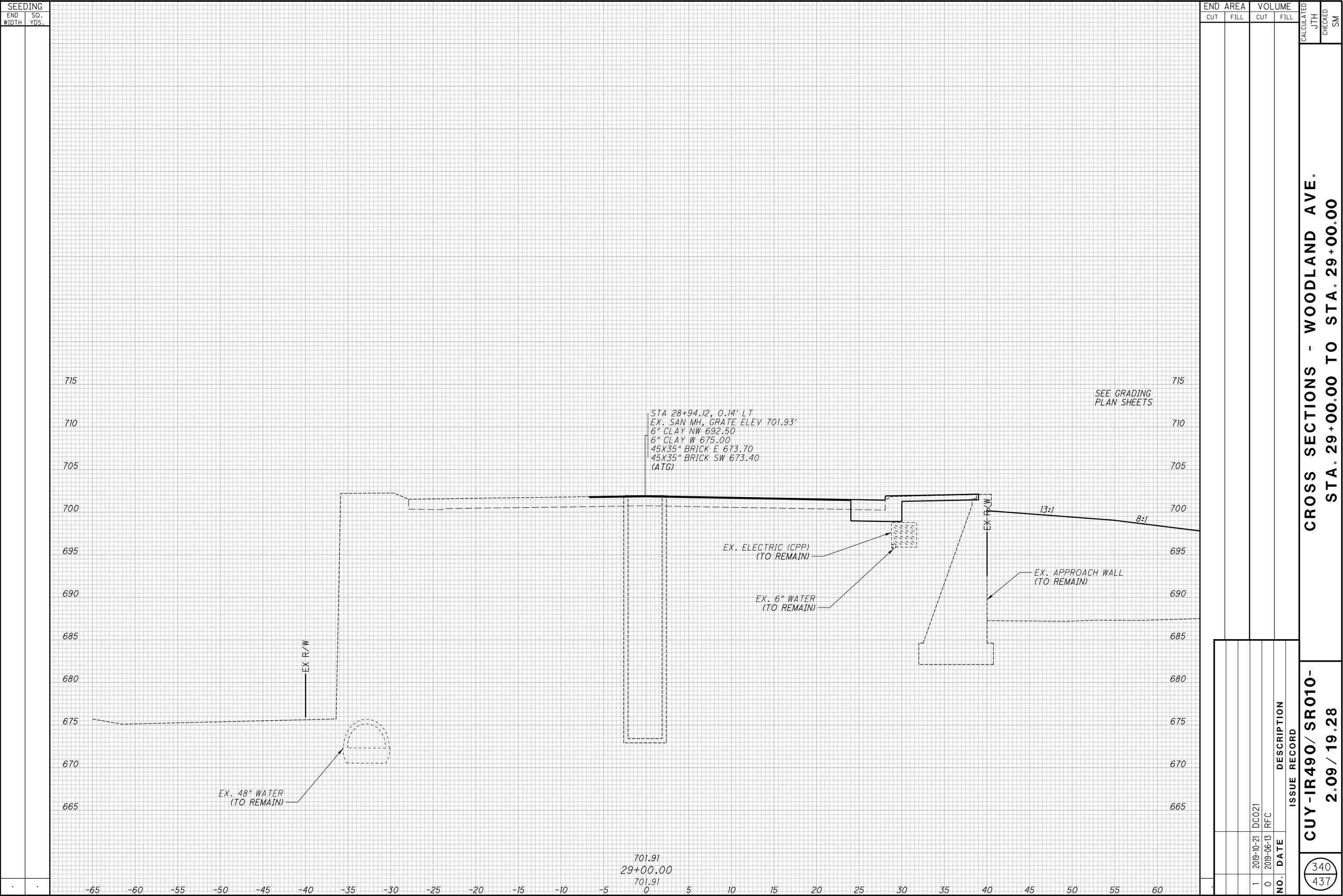
**CROSS SECTIONS - BUCKEYE RD.  
STA. 36+25.00 TO STA. 36+40.00**

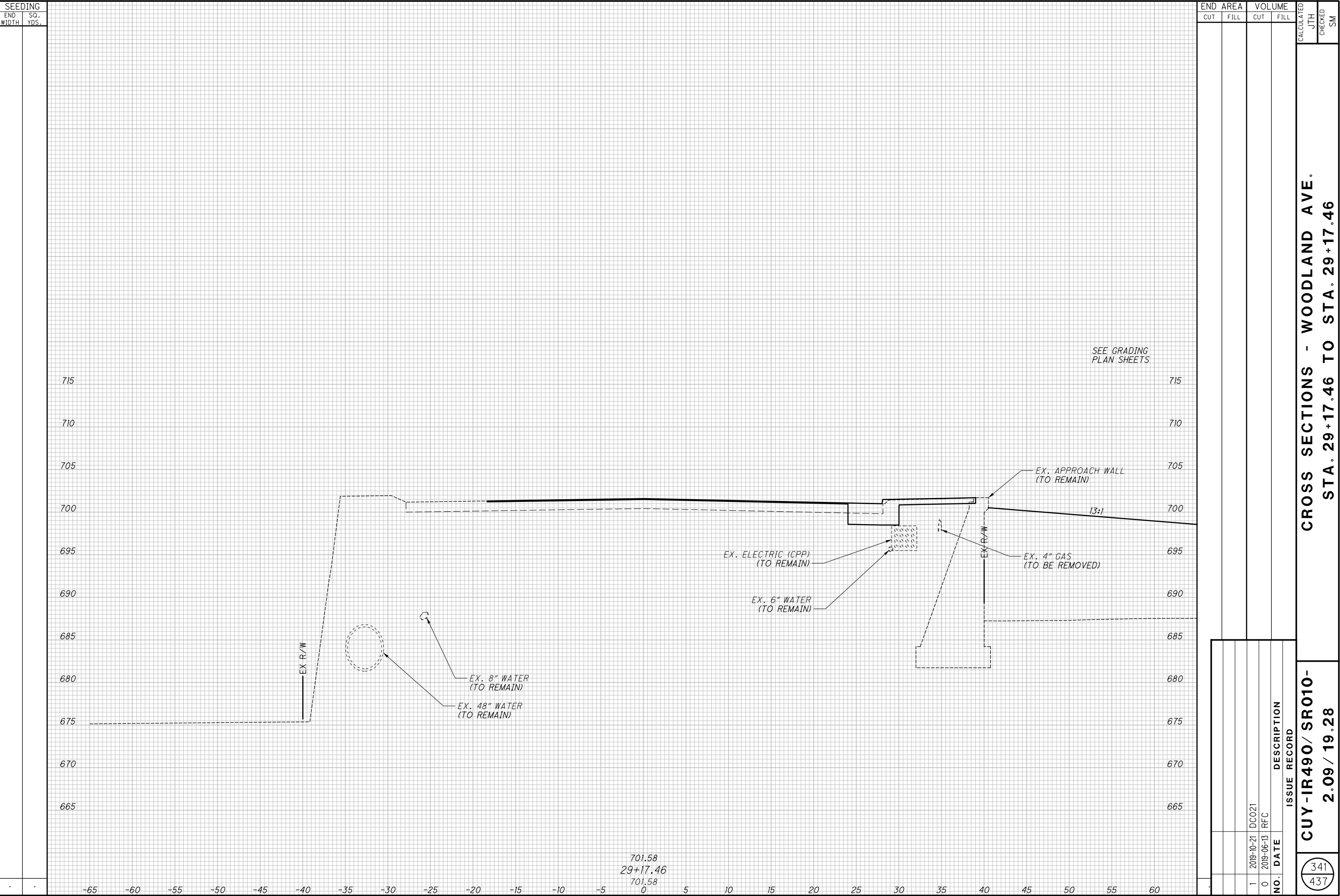


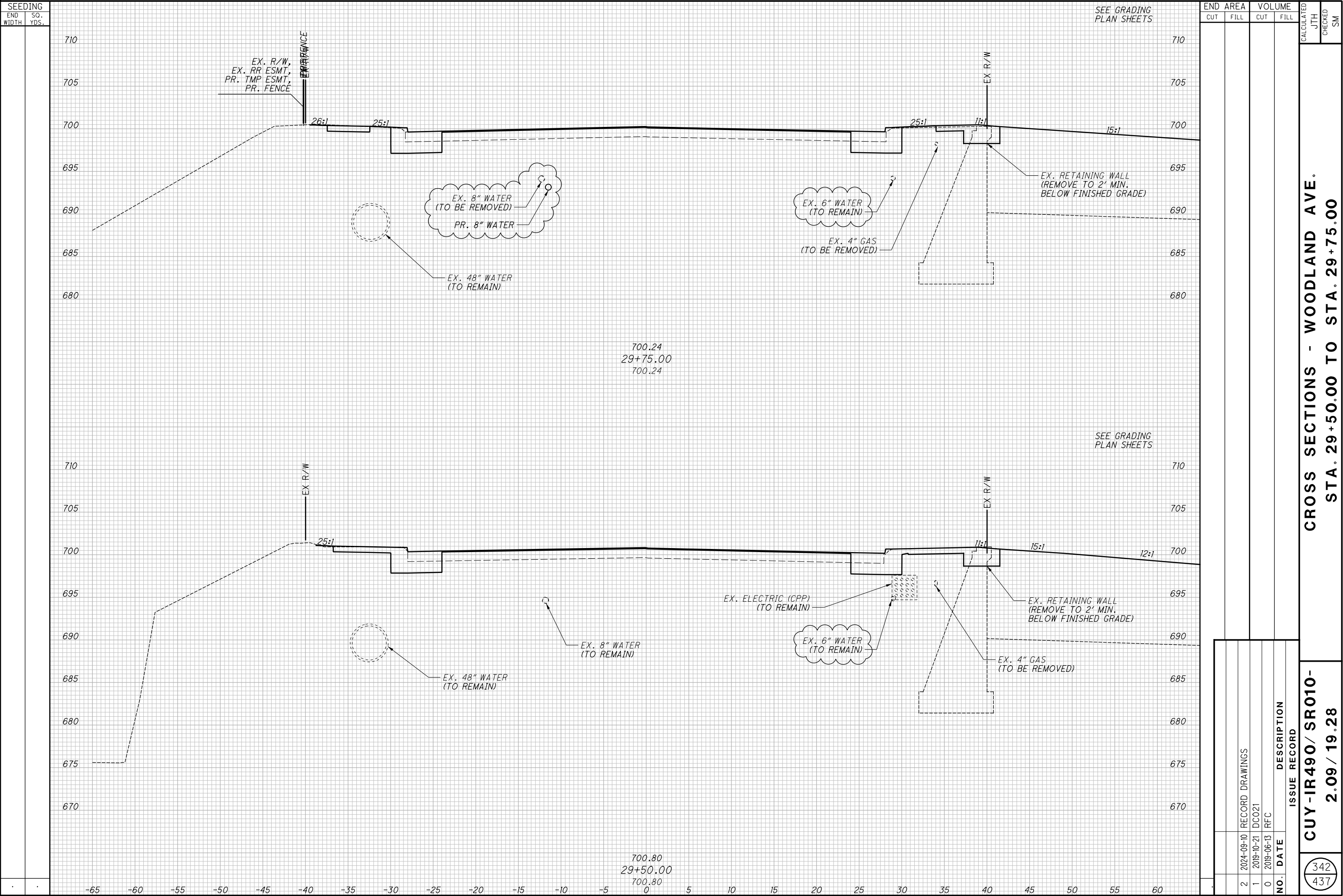






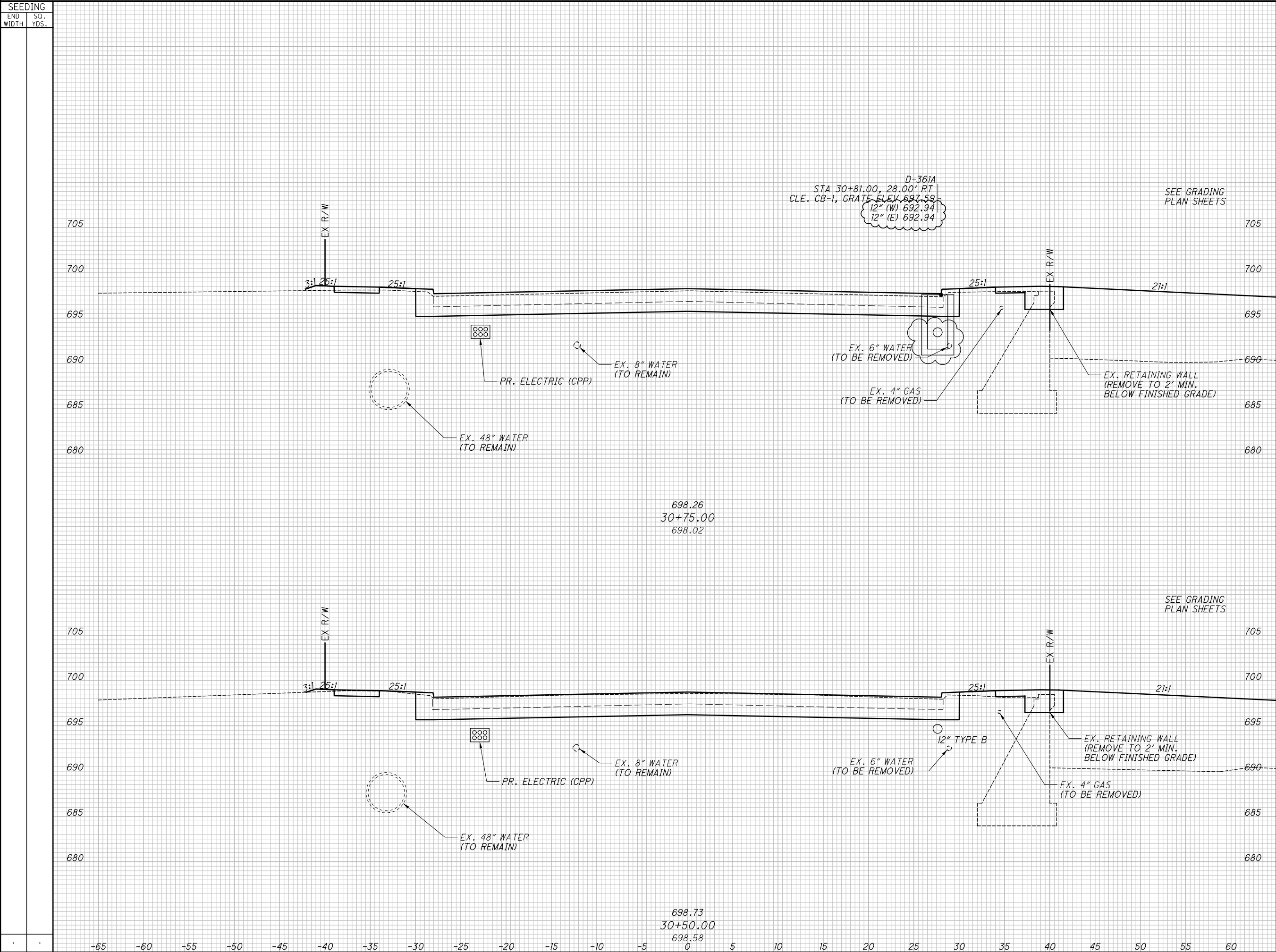




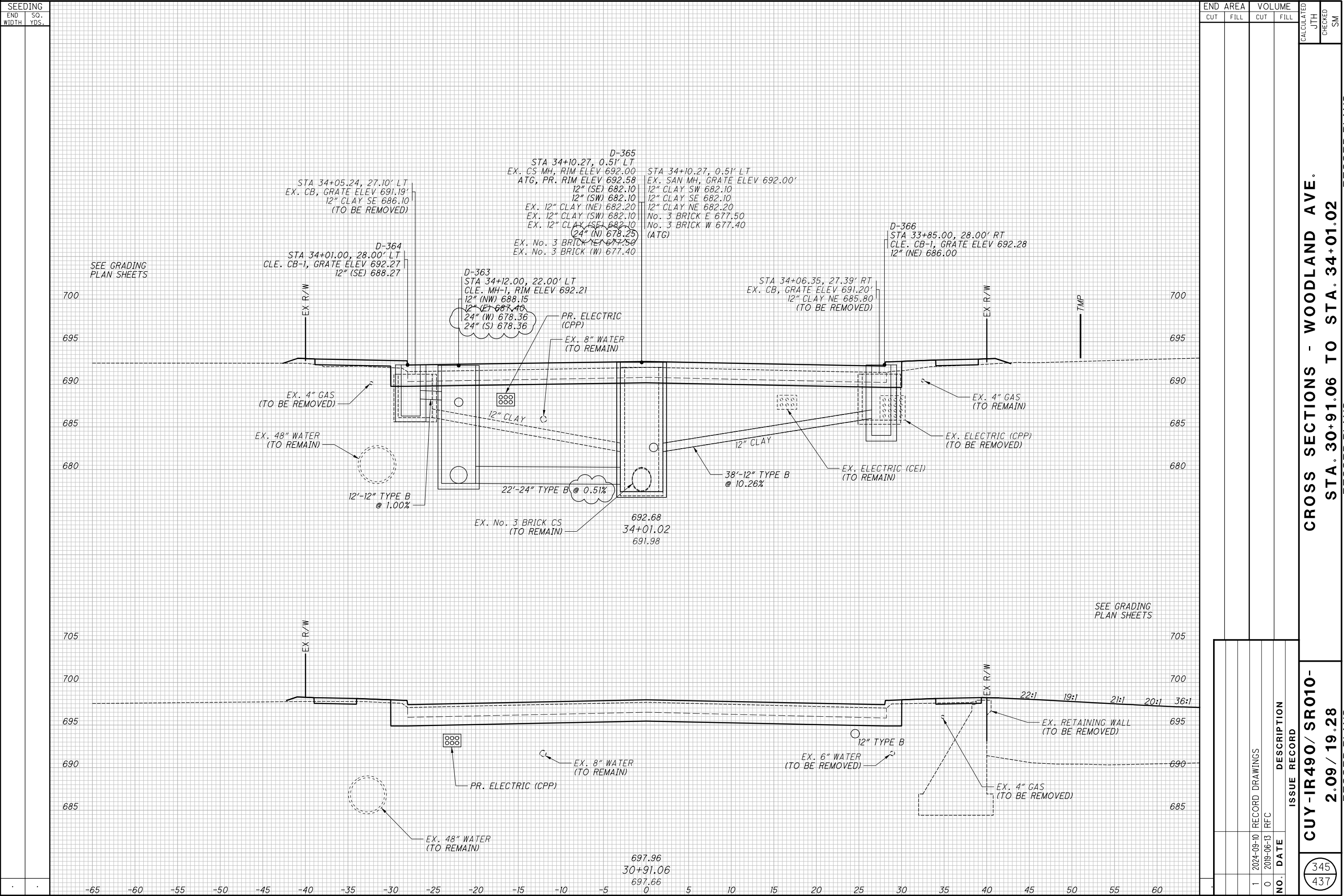




[illegible]

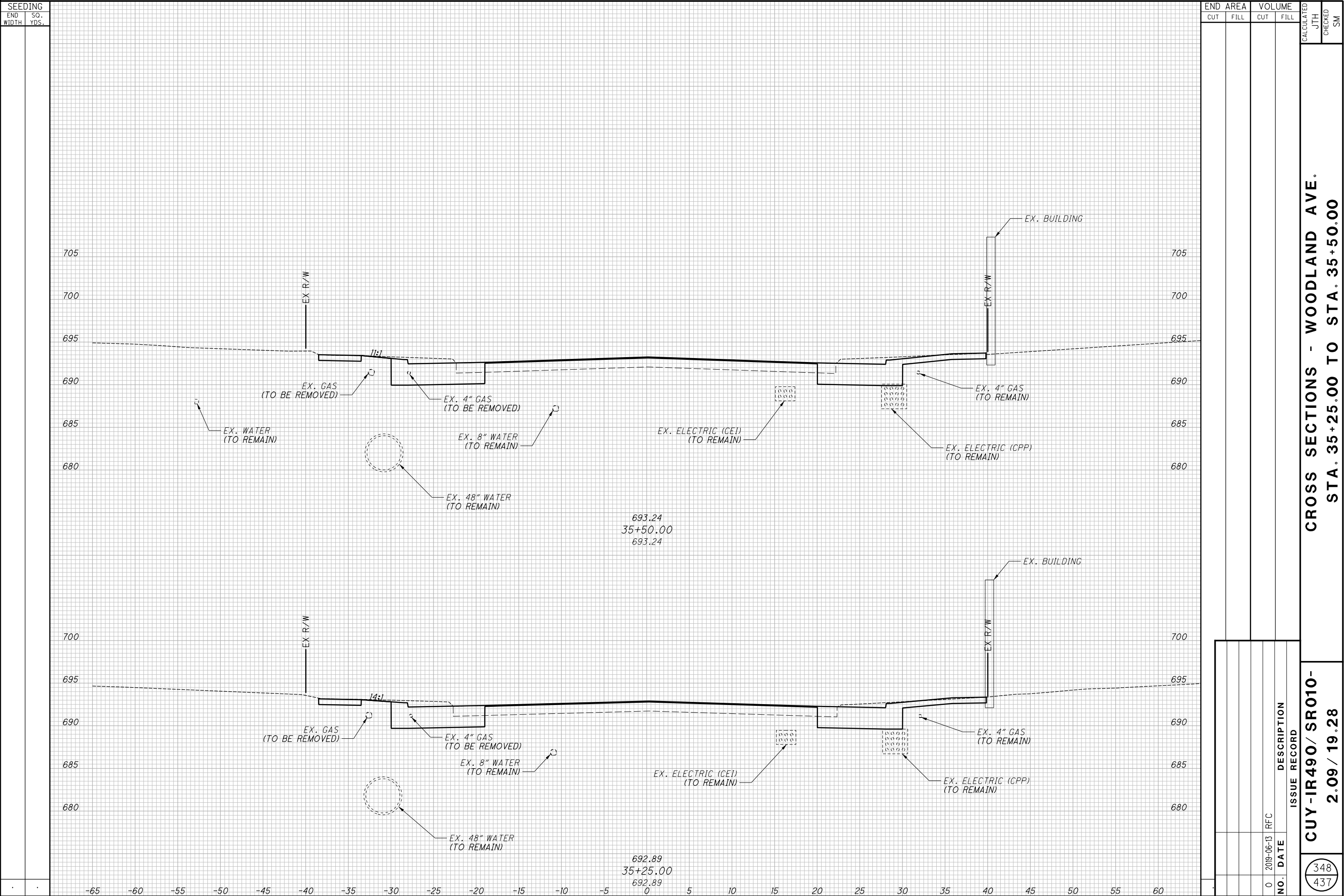


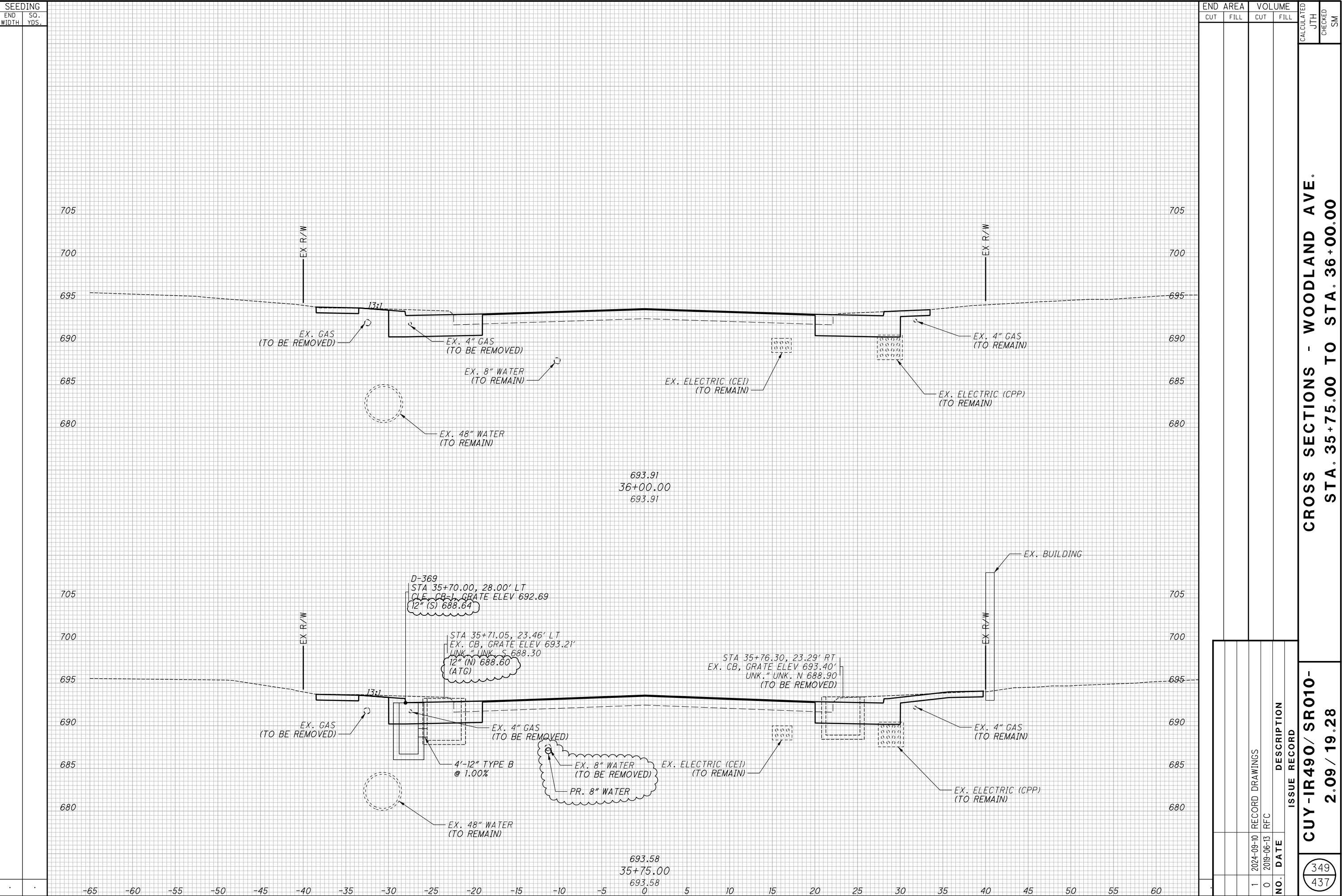
SEEDING		END AREA		VOLUME		CALCULATED JTH	CHECKED SM
END WIDTH	SO. YDS.	CUT	FILL	CUT	FILL		
CROSS SECTIONS - WOODLAND AVE. STA. 30+50.00 TO STA. 30+75.00							
RECORD PLANS							
1		2024-09-10		RECORD DRAWINGS		CUY-IR490/ SR010-	
0		2019-06-13		RFC		2.09 / 19.28	
NO.		DATE		DESCRIPTION		ISSUE RECORD	
						344	
						437	

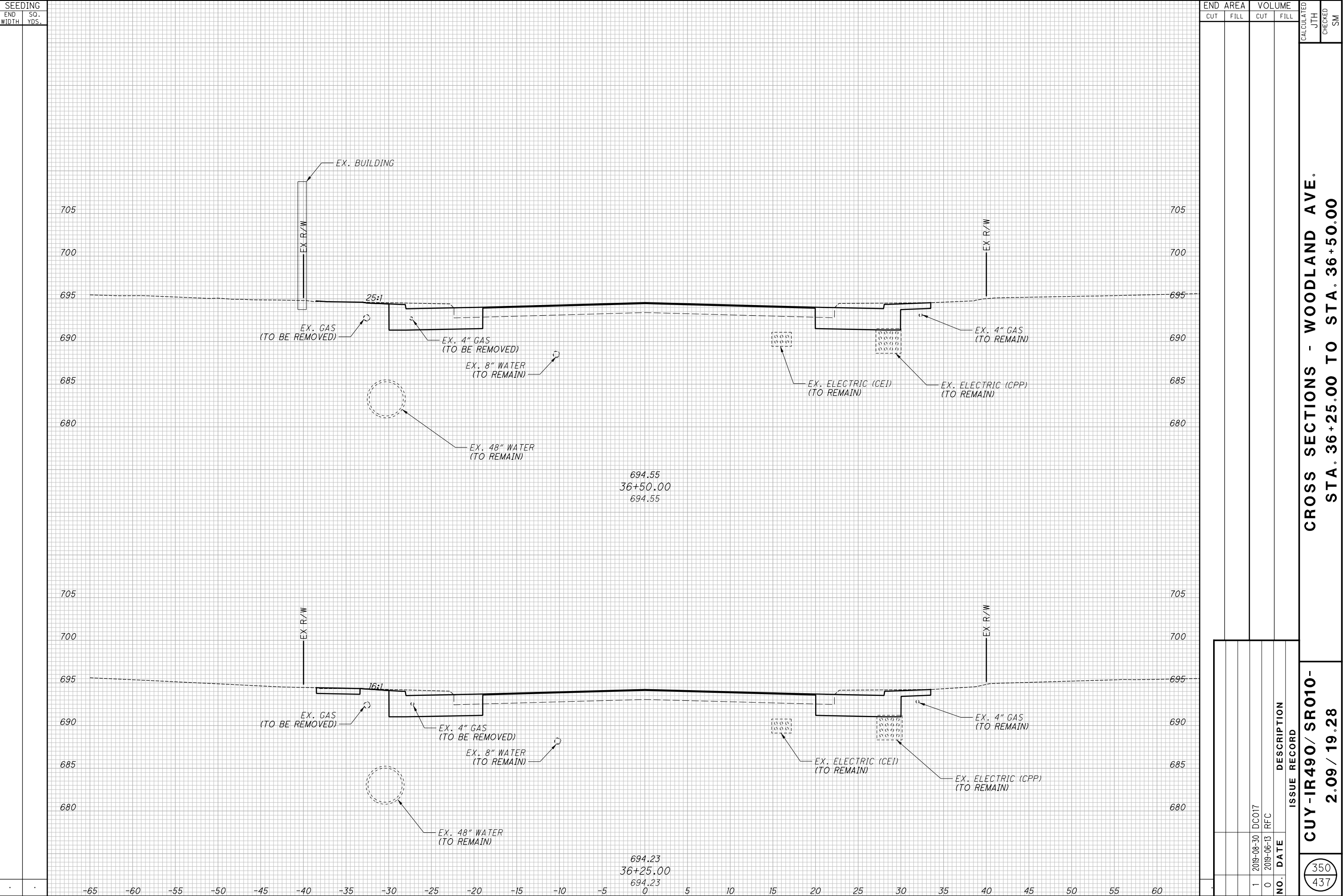


[illegible]

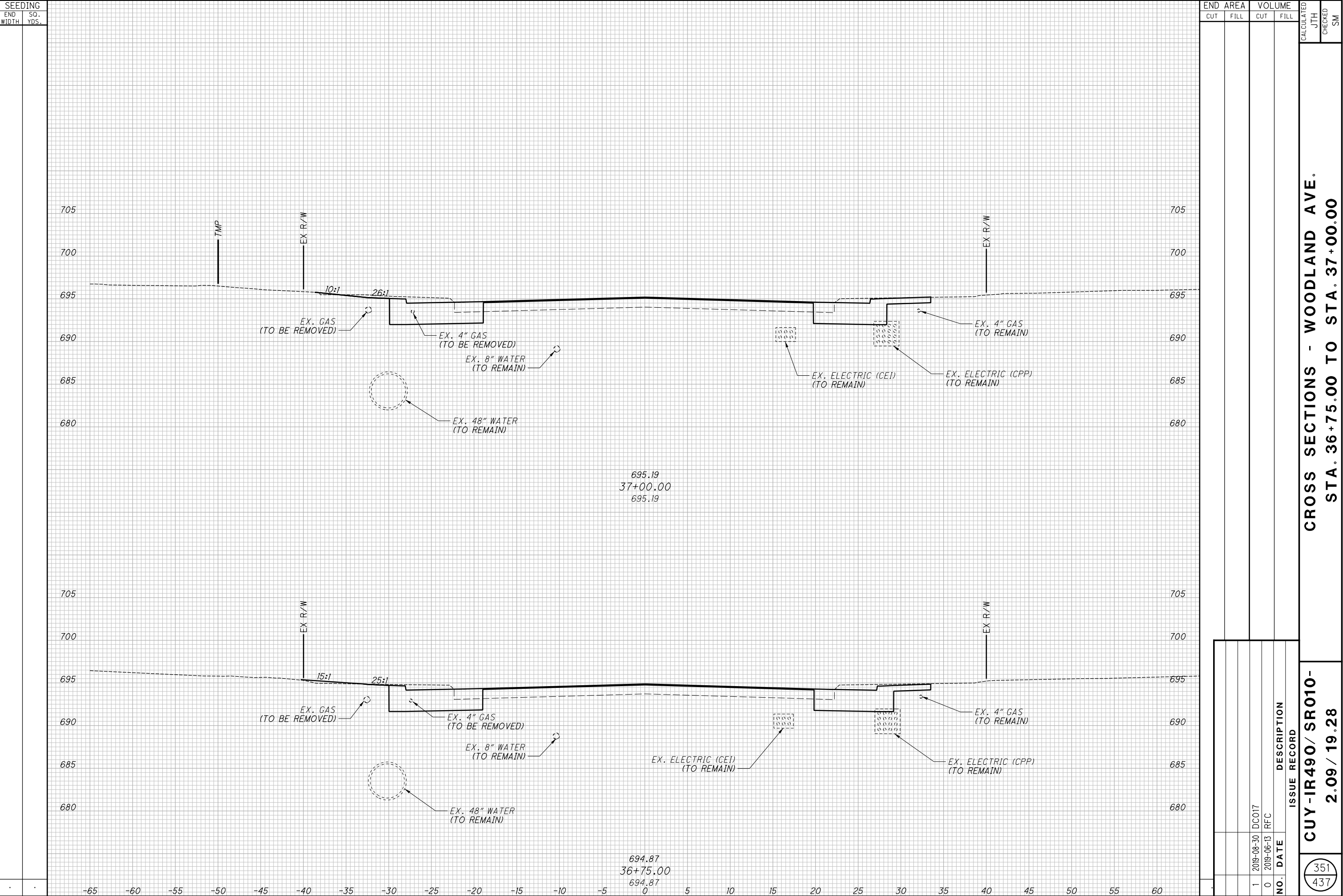
$$\frac{347}{437}$$



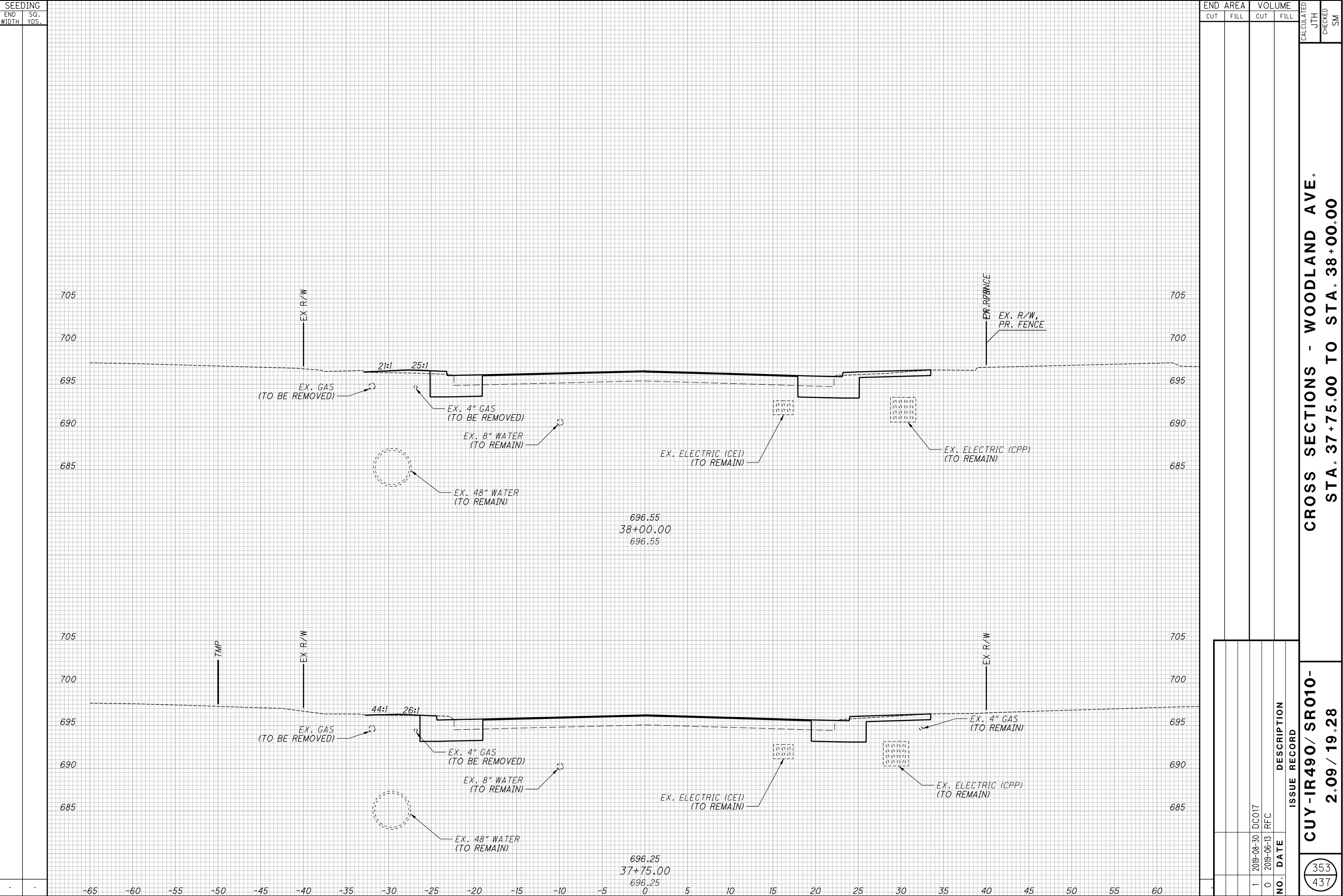








**CROSS SECTIONS - WOODLAND AVE.  
STA. 37+25.00 TO STA. 37+50.00**



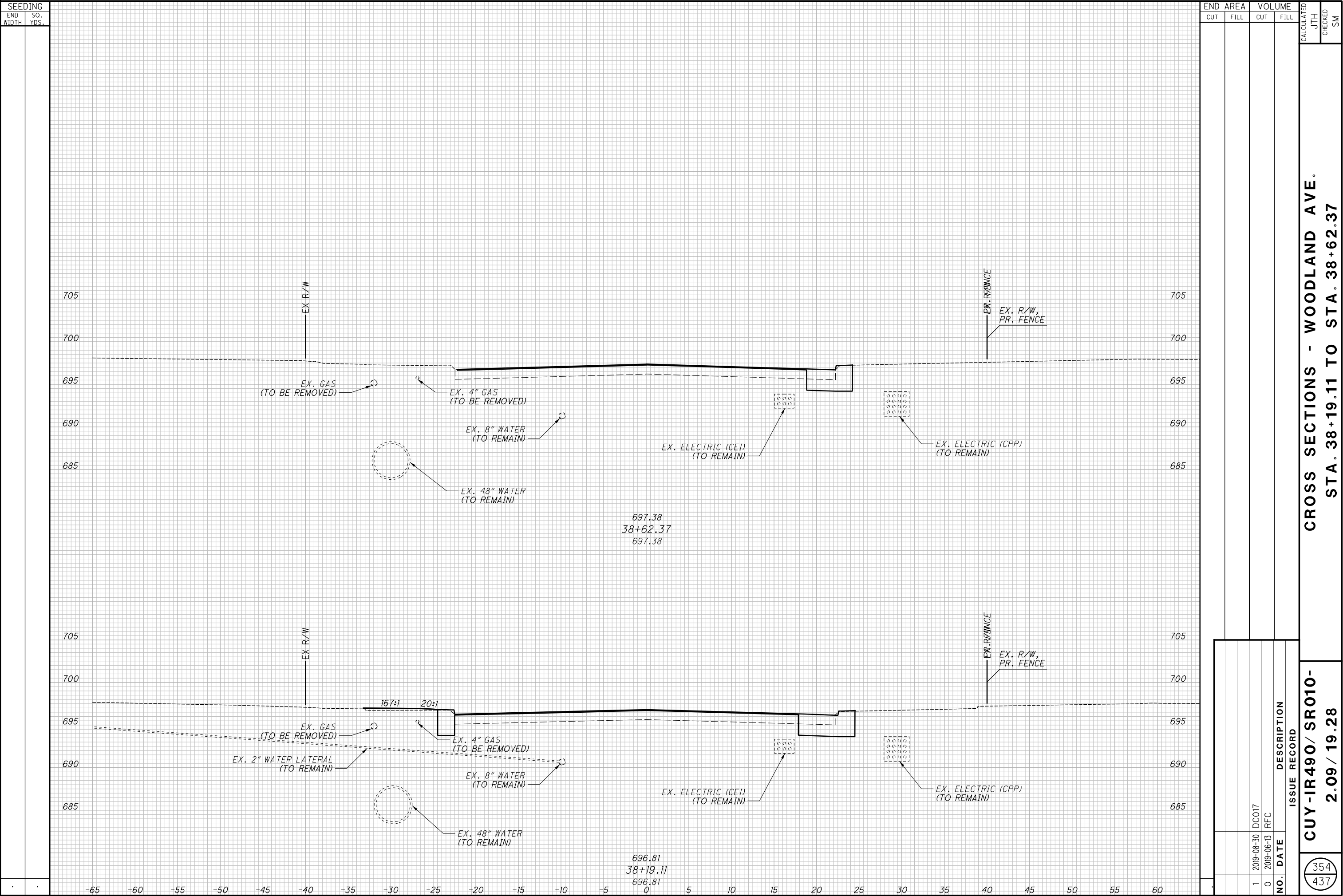
CROSS SECTIONS - WOODLAND AVE.  
STA. 37+75.00 TO STA. 38+00.00

CUY-IR490/ SR010-  
2.09 / 19.28

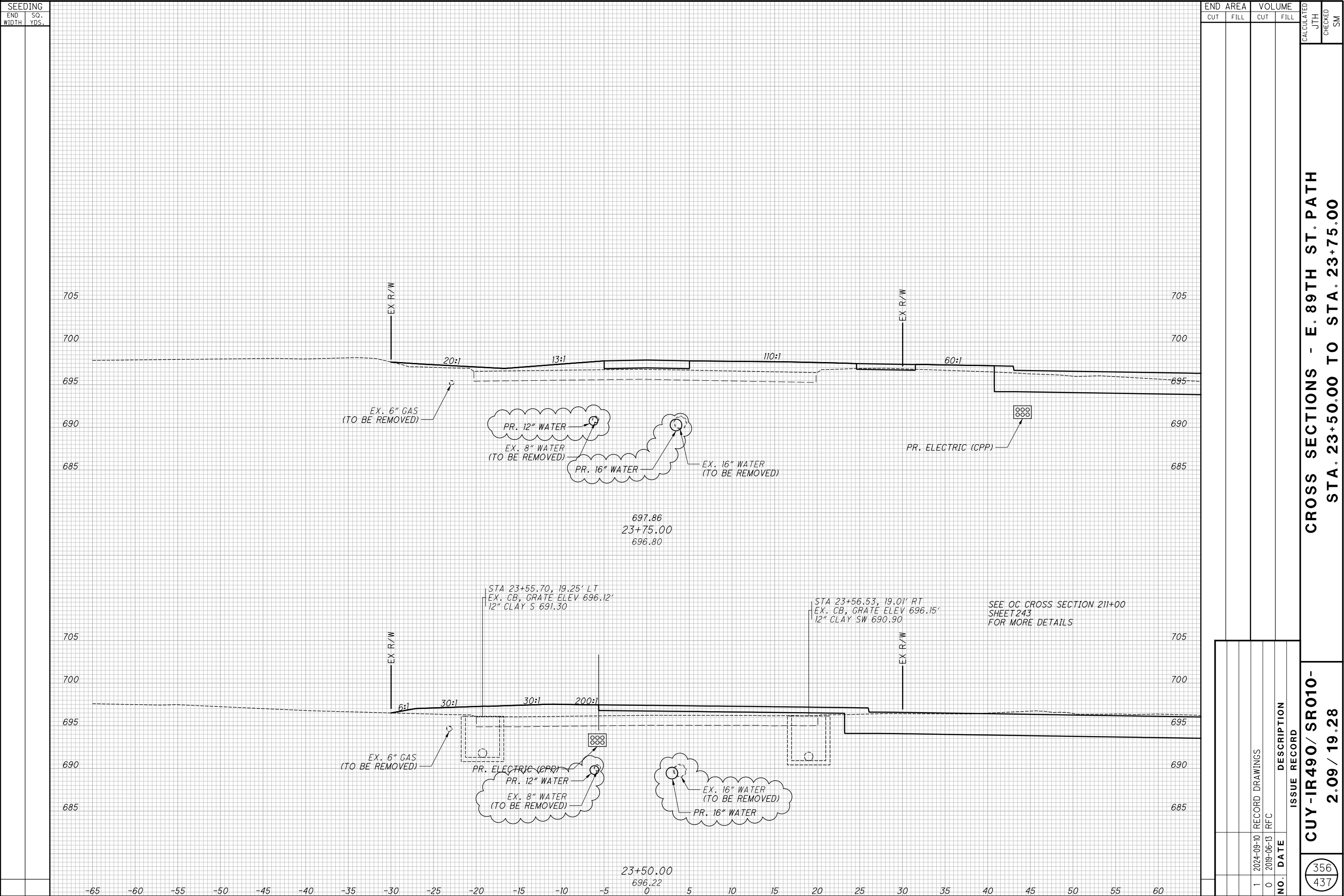
353  
437

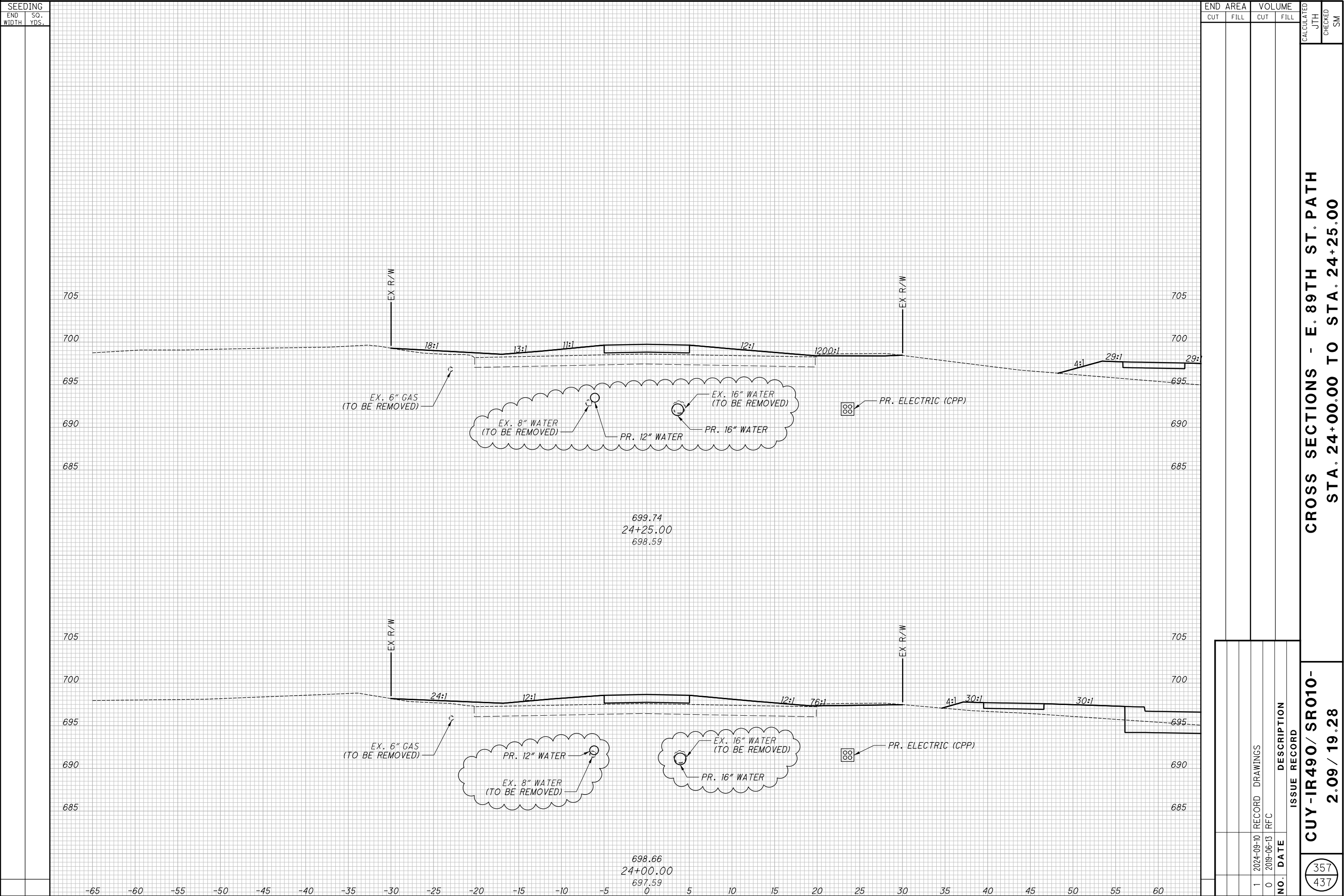
RECORD PLANS

RECORD PLANS



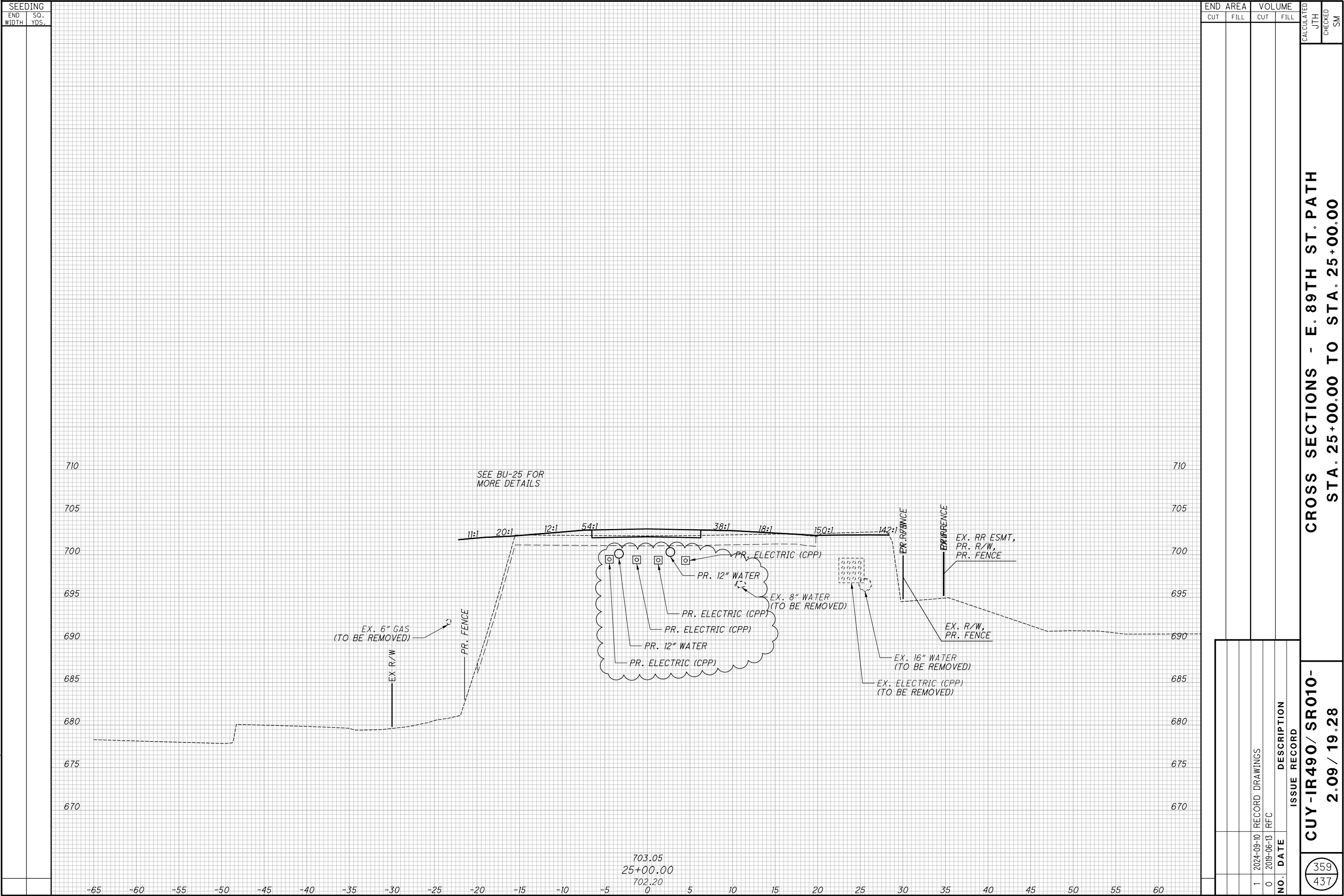
[illegible]





<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; text-align: center;"> 358 437 </div> <div style="text-align: center;"> <b>CUY-IR490/ SR010- 2.09 / 19.28</b> </div> </div>	<b>CROSS SECTIONS - E. 89TH ST. PATH</b>  <b>STA. 24+50.00 TO STA. 24+75.00</b>		CALCULATED JTH
			CHECKED SM





**SEEDING**  
END SQ.  
WIDTH YDS.

710  
705  
700  
695  
690  
685  
680

PR. FENCE  
EX R/W  
PR. FENCE  
EX R/W

STA 27+92.72, 0.05' LT  
EX. SAN MH, GRATE ELEV 702.20'  
2.75X2.23" BRICK N 679.90  
(TO BE REMOVED)

83:1  
10:1  
5:1  
6:1  
3:1

EX. 6" GAS  
(TO BE REMOVED)  
PR. ELECTRIC (CPP)  
EX. 8" WATER  
(TO BE REMOVED)  
PR. ELECTRIC (CPP)  
PR. 12" WATER  
PR. ELECTRIC (CPP)  
PR. 12" WATER  
EX. 16" WATER  
(TO BE REMOVED)  
PR. ELECTRIC (CPP)  
EX. ELECTRIC (CPP)  
(TO BE REMOVED)

701.79  
28+25.00  
700.24

710  
705  
700  
695  
690  
685  
680  
675  
670

SEE BU-25 FOR MORE DETAILS

60:1  
36:1  
42:1  
8:1  
3:1

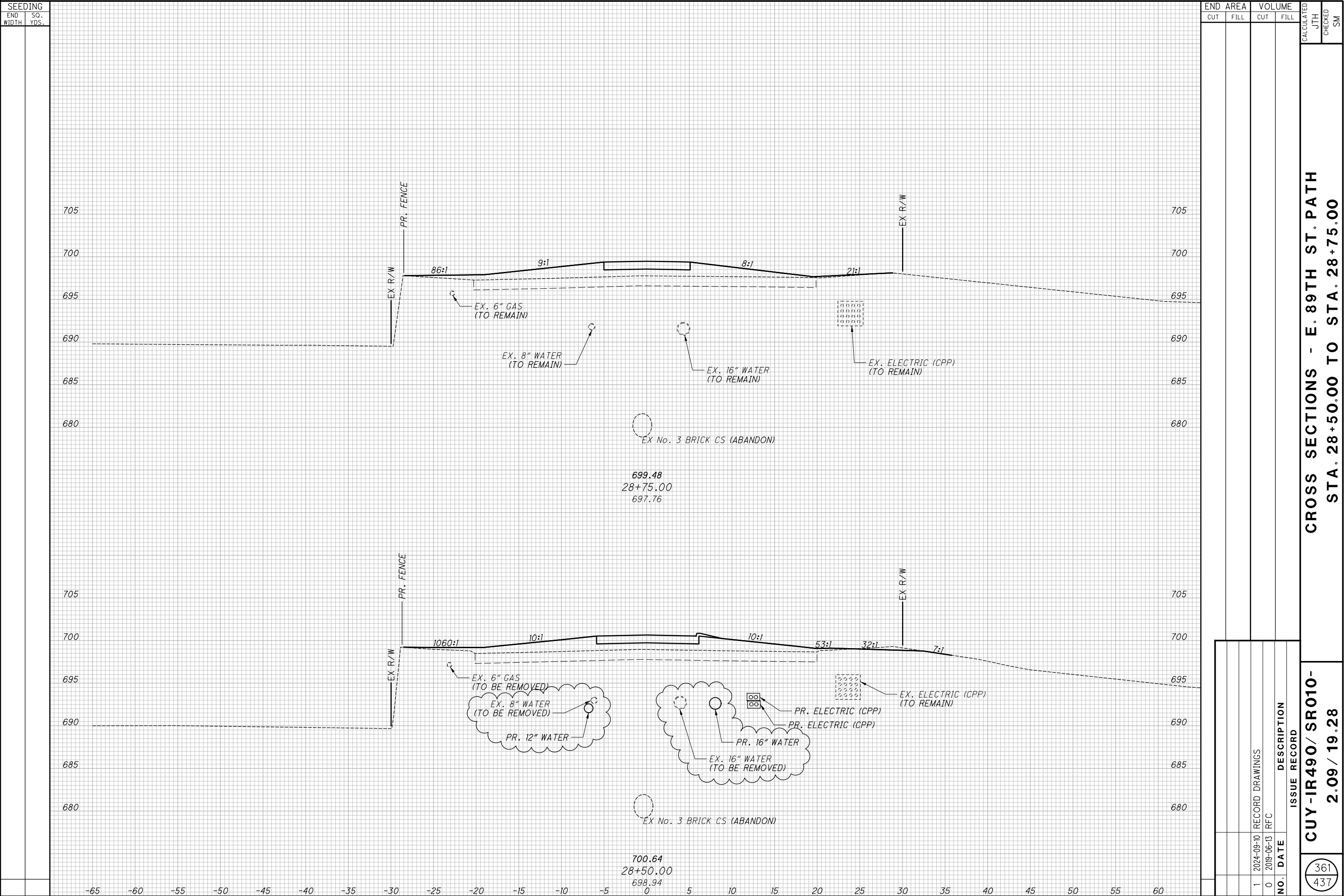
PR. ELECTRIC (CPP)  
PR. 12" WATER  
PR. ELECTRIC (CPP)  
PR. ELECTRIC (CPP)  
EX. ELECTRIC (CPP)  
(TO BE REMOVED)  
EX. 16" WATER  
(TO BE REMOVED)  
EX. 8" WATER  
(TO BE REMOVED)  
EX. 6" GAS  
(TO BE REMOVED)

EX R/W  
PR. FENCE  
EX R/W  
PR. FENCE

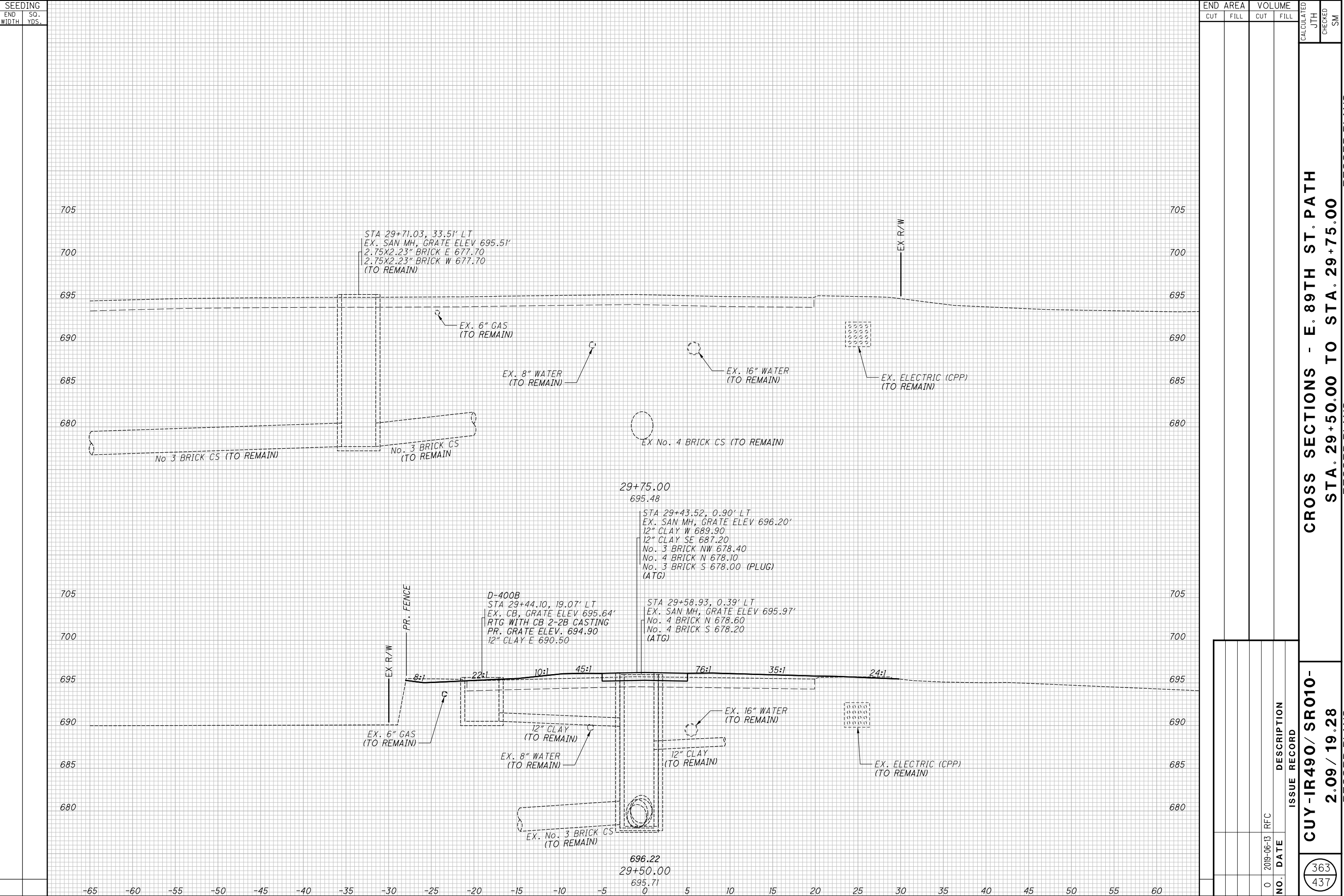
703.95  
25+25.00  
678.70  
0

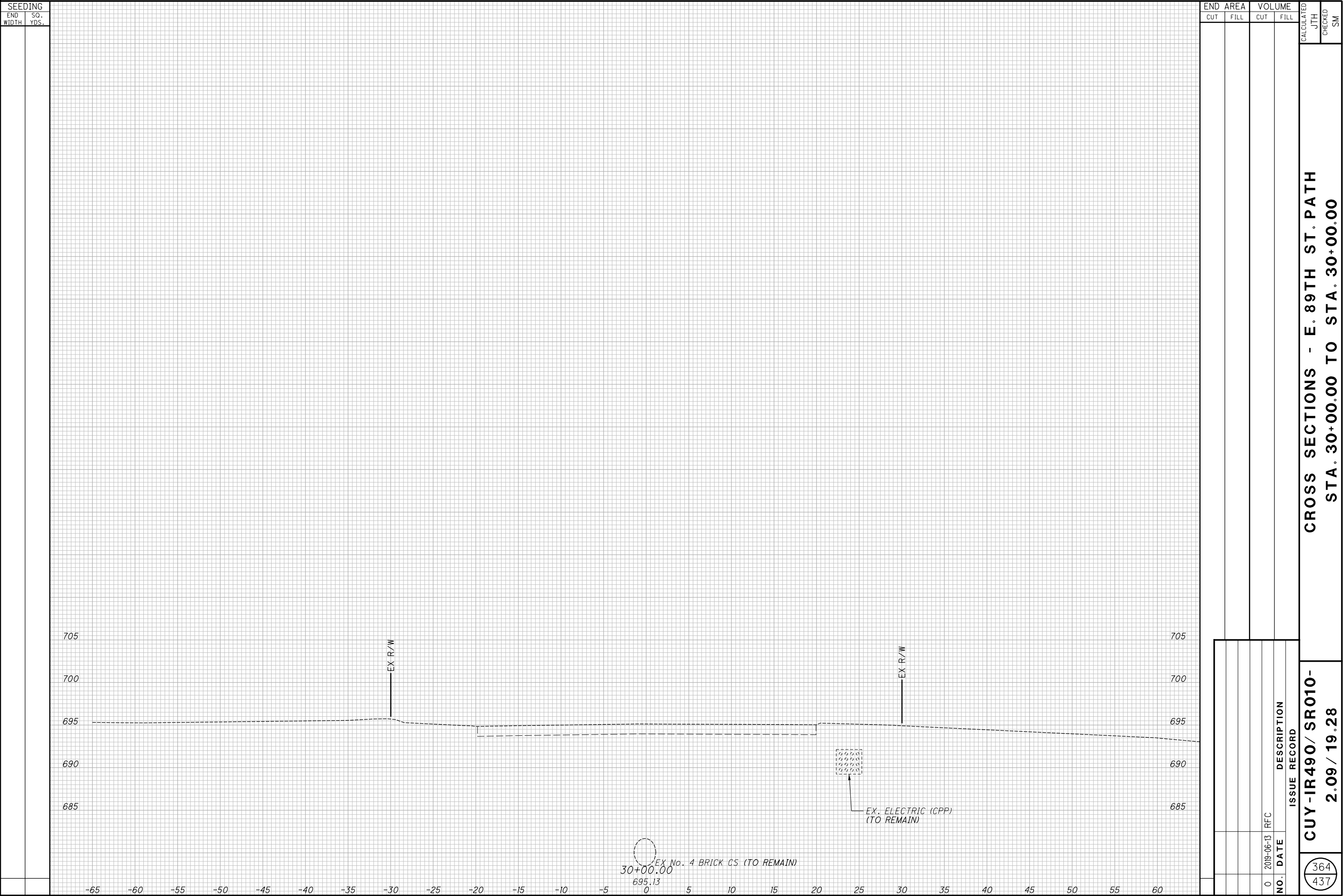
-65 -60 -55 -50 -45 -40 -35 -30 -25 -20 -15 -10 -5 0 5 10 15 20 25 30 35 40 45 50 55 60

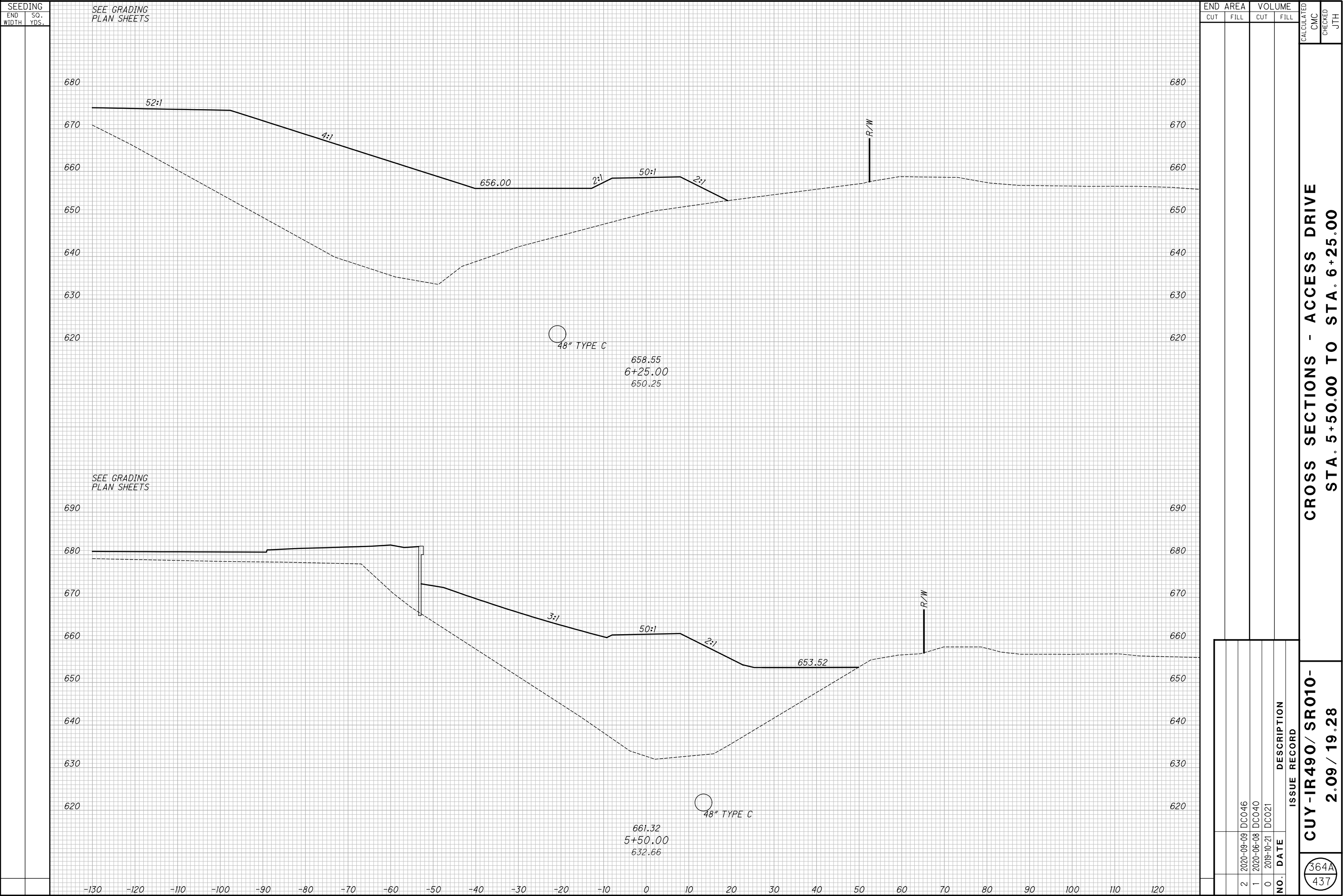
[illegible]

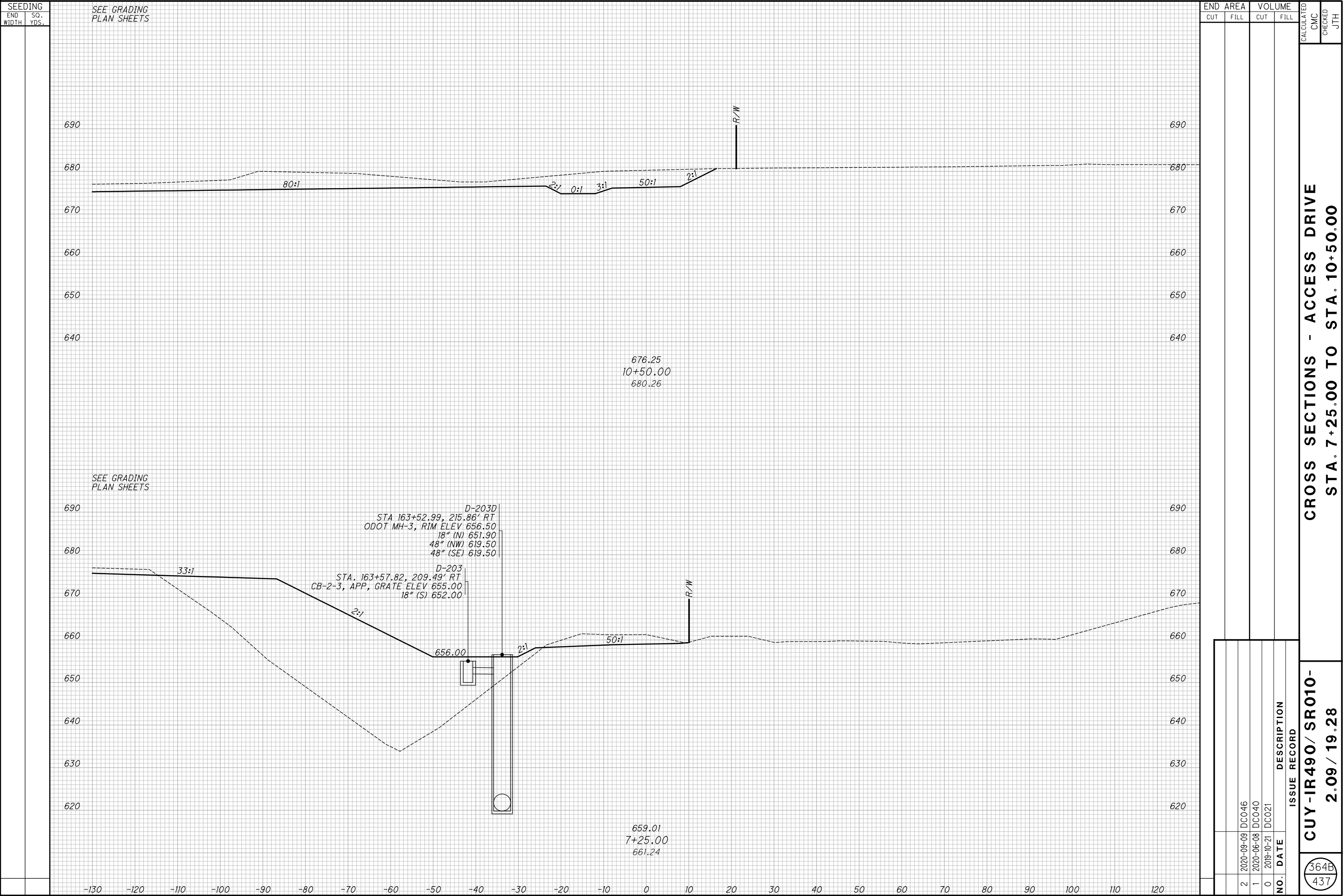


<div style="text-align: center;">  </div>	<div style="text-align: center;"> <b>CUY-IR490/ SR010-</b>  <b>2.09 / 19.28</b> </div>	<b>CROSS SECTIONS - E. 89TH ST. PATH</b> <b>STA. 29+00.00 TO STA. 29+25.00</b>		CALCULATED
				JTH
				CHECKED
				SM

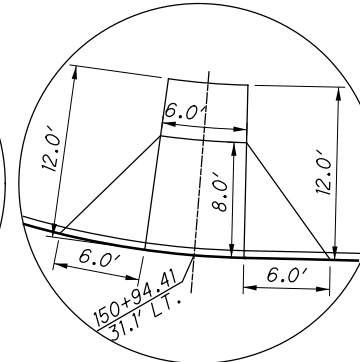
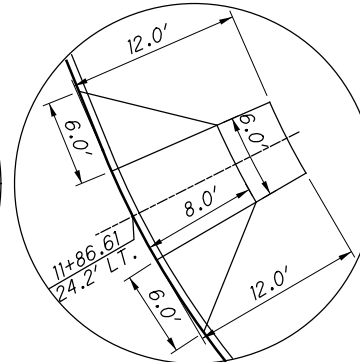
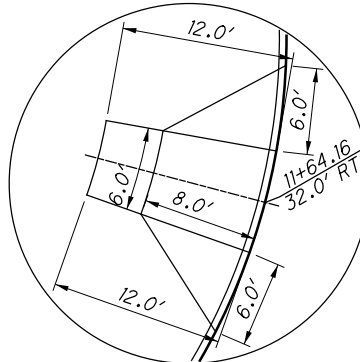






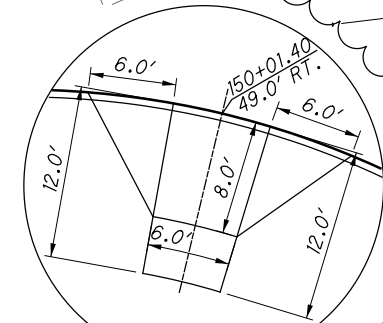






1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
<b>NO.</b>	<b>DATE</b>	<b>DESCRIPTION</b>
<b>ISSUE RECORD</b>		

<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; text-align: center;"> <div style="display: flex; justify-content: space-around; width: 100%;"> <span>366</span> <span>437</span> </div> </div> <div style="text-align: center;"> <p><b>CUY - IR490 / SR010 -</b></p> <p><b>2.09 / 19.28</b></p> </div> </div>	<div style="text-align: center;"> <p><b>INTERSECTION DETAIL</b></p> <p><b>KINSMAN RD. &amp; O.C. BLVD. (NORTH)</b></p> </div>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td rowspan="2" style="width: 50px; text-align: center; vertical-align: middle;">           CALCULATED CEW         </td> <td style="width: 150px; height: 40px;"></td> </tr> <tr> <td style="width: 150px; height: 40px;"></td> </tr> <tr> <td style="width: 50px; text-align: center; vertical-align: middle;">           CHECKED PDO         </td> <td style="width: 150px; height: 40px;"></td> </tr> </table> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> <div style="text-align: center;"> </div> <div style="text-align: center;"> <p style="font-size: small;">HORIZONTAL SCALE IN FEET</p> </div> </div>	CALCULATED CEW			CHECKED PDO	
CALCULATED CEW							
CHECKED PDO							

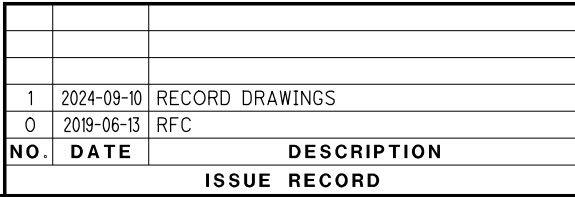


DETAIL: CURB RAMP 6

ALL DIMENSIONS ARE 10.0' INTERVALS  
UNLESS NOTED OTHERWISE

ALL DISTANCES ARE MEASURED  
TO THE FACE OF CURB

$$\frac{367}{437}$$



NOTES:

FOR CONST. KINSMAN RD. PLAN AND PROFILE  
SEE SHEETS 75 AND 76

FOR EX. R/W & CONST. E. 69TH ST. PLAN AND PROFILE  
SEE SHEETS 73 AND 74

ALL DIMENSIONS ARE 10.0' INTERVALS  
UNLESS NOTED OTHERWISE

④ EX. R/W COLFAX RD. STA. 13+23.05, 3.29' LT

CURVE DATA FOR RADIUS RETURNS			
CURVE LETTER	RADIUS	INTERIOR ANGLE	LENGTH OF CURVE
A	10.00	97.16°	16.96

ALL DISTANCES ARE MEASURED TO THE FACE OF CURB

01020

051020

CALCULATED  
CEW  
CHECKED  
PDO

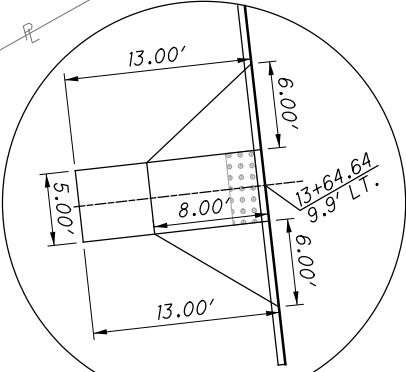
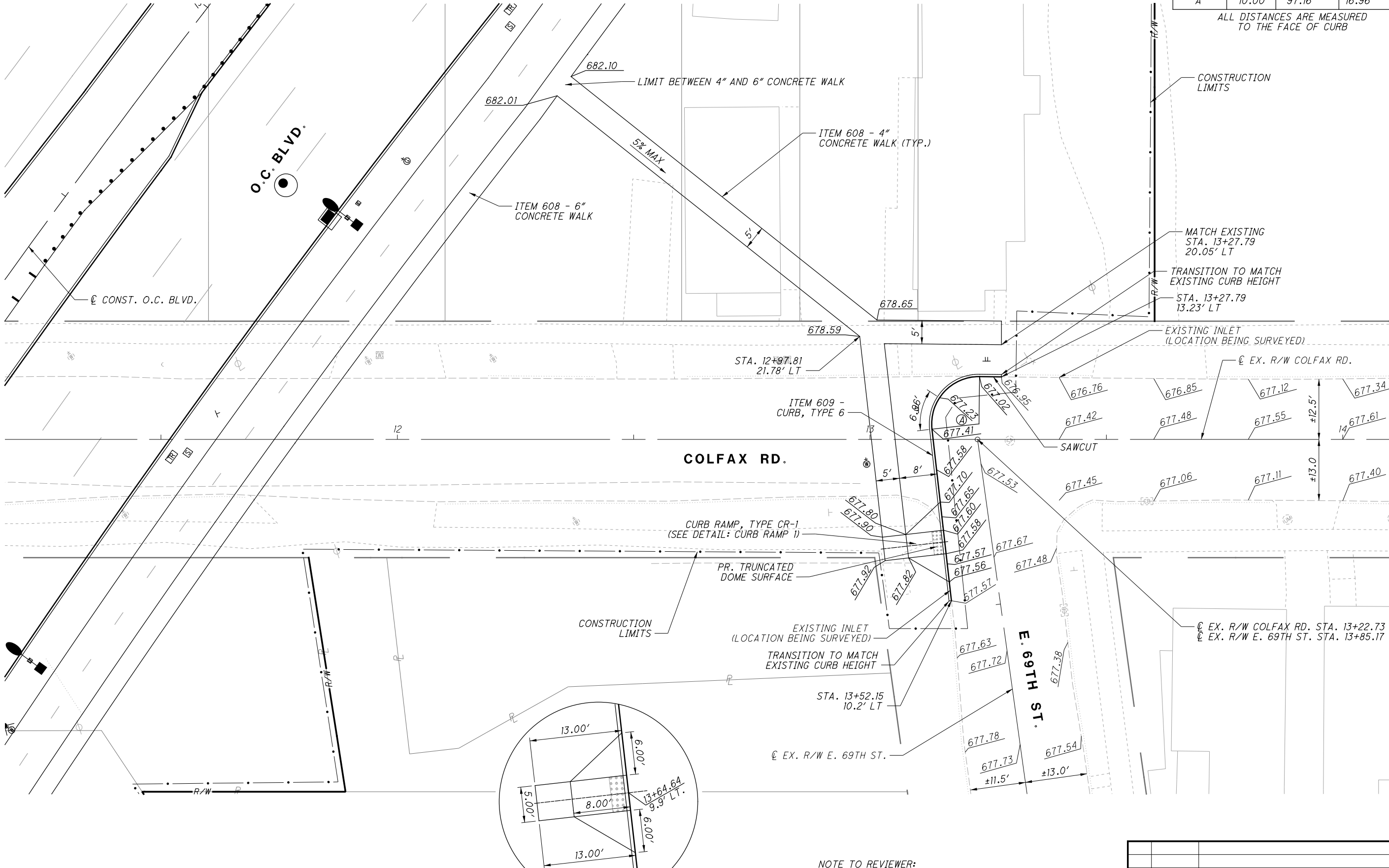
05

10

20

HORIZONTAL  
SCALE IN FEET

RECORD PLANS



DETAIL: CURB RAMP 1

NOTE TO REVIEWER:  
ADDITIONAL SURVEY HAS BEEN REQUESTED NEAR PR. CURB RAMP TO LOCATE EX. INLET AND FOR PROVIDING A BETTER DIGITAL TERRAIN MODEL TO CONFIRM DRAINAGE PATTERN AND FOR EVALUATING CURB RAMP ELEVATIONS.

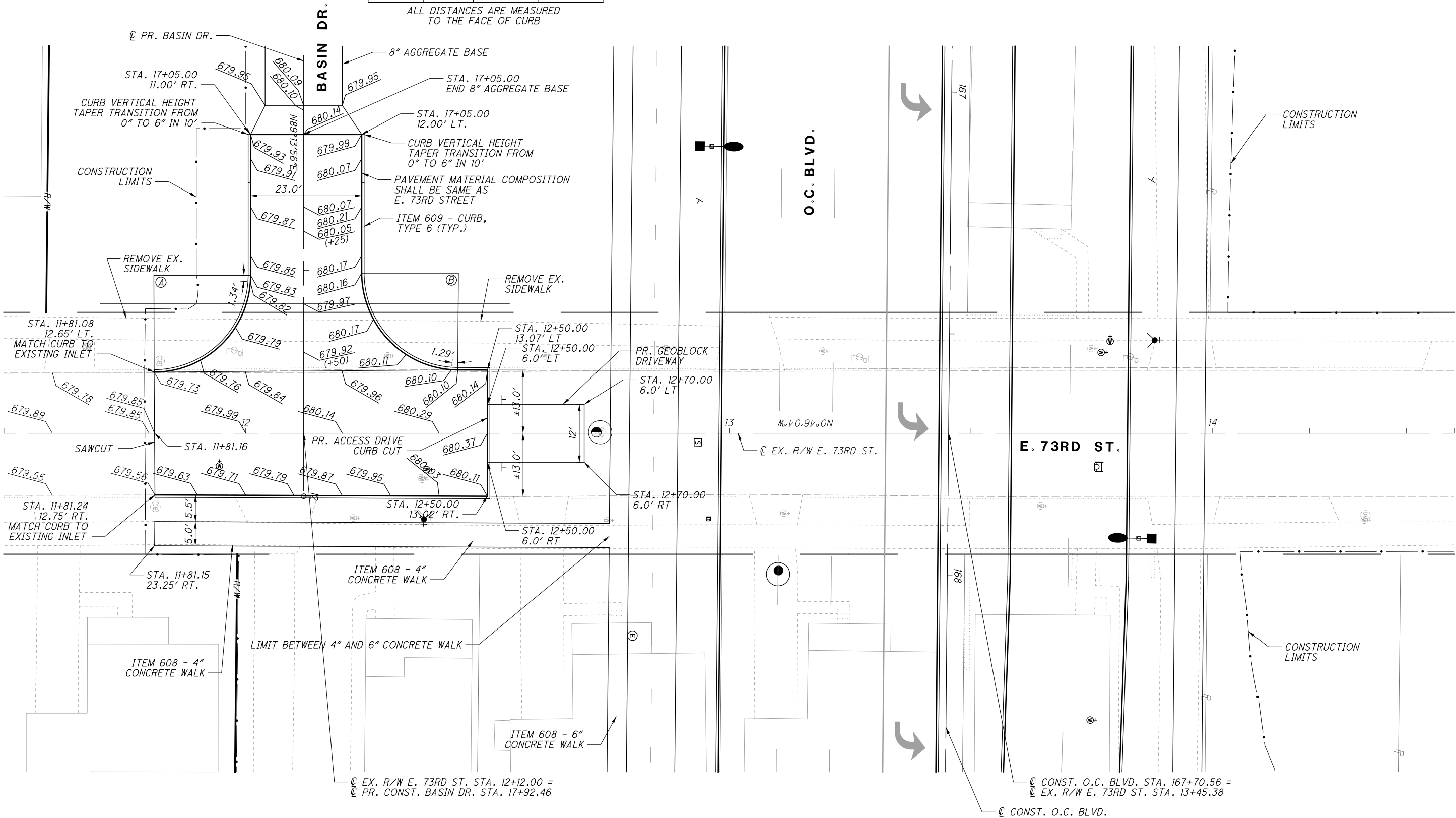
ISSUE RECORD		
NO.	DATE	DESCRIPTION
0	2019-06-13	RFC

INTERSECTION DETAIL  
COLFAX RD.

CUY-IR490/ SR010-  
2.09 / 19.28

CURVE DATA FOR RADIUS RETURNS			
CURVE LETTER	RADIUS	INTERIOR ANGLE	LENGTH OF CURVE
A	20.00	89.78°	31.34
B	20.00	89.63°	31.29

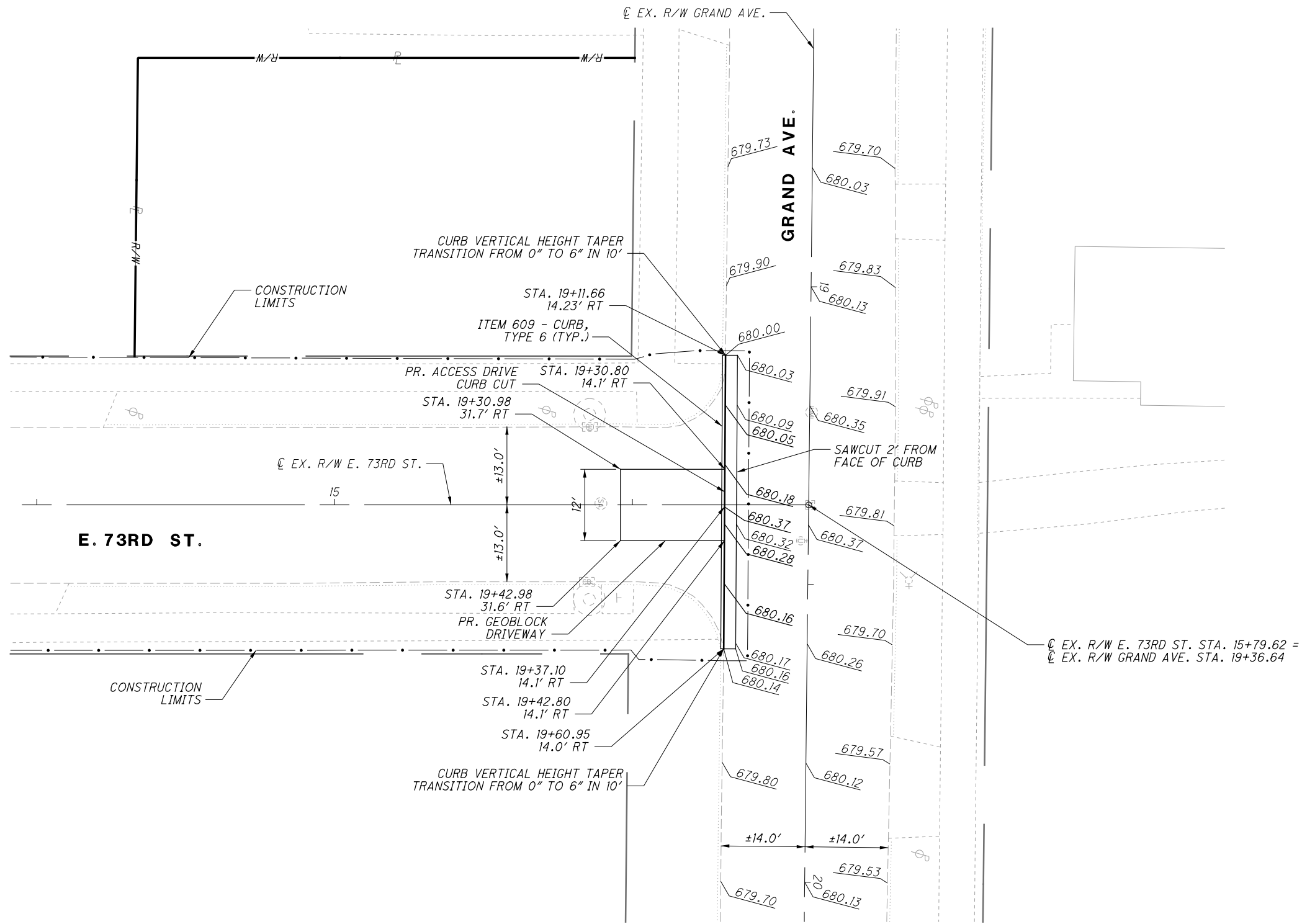
ALL DISTANCES ARE MEASURED TO THE FACE OF CURB



- ④ EX. R/W E. 73RD ST. STA. 11+81.00, 32.65' LT  
⑤ EX. R/W E. 73RD ST. STA. 12+44.00, 33.11' LT

NOTES:  
ALL DIMENSIONS ARE 10.0' INTERVALS  
UNLESS NOTED OTHERWISE

NO.	DATE	DESCRIPTION
1	2019-08-06	DC015
0	2019-06-13	RFC
ISSUE RECORD		



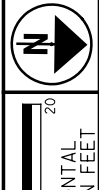
NOTES:  
ALL DIMENSIONS ARE 10.0' INTERVALS  
UNLESS NOTED OTHERWISE

1	2019-08-06	DC015
0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
ISSUE RECORD		

CUY-IR490/ SR010-  
2.09 / 19.28

INTERSECTION DETAIL  
E. 73RD ST. & GRAND AVE.

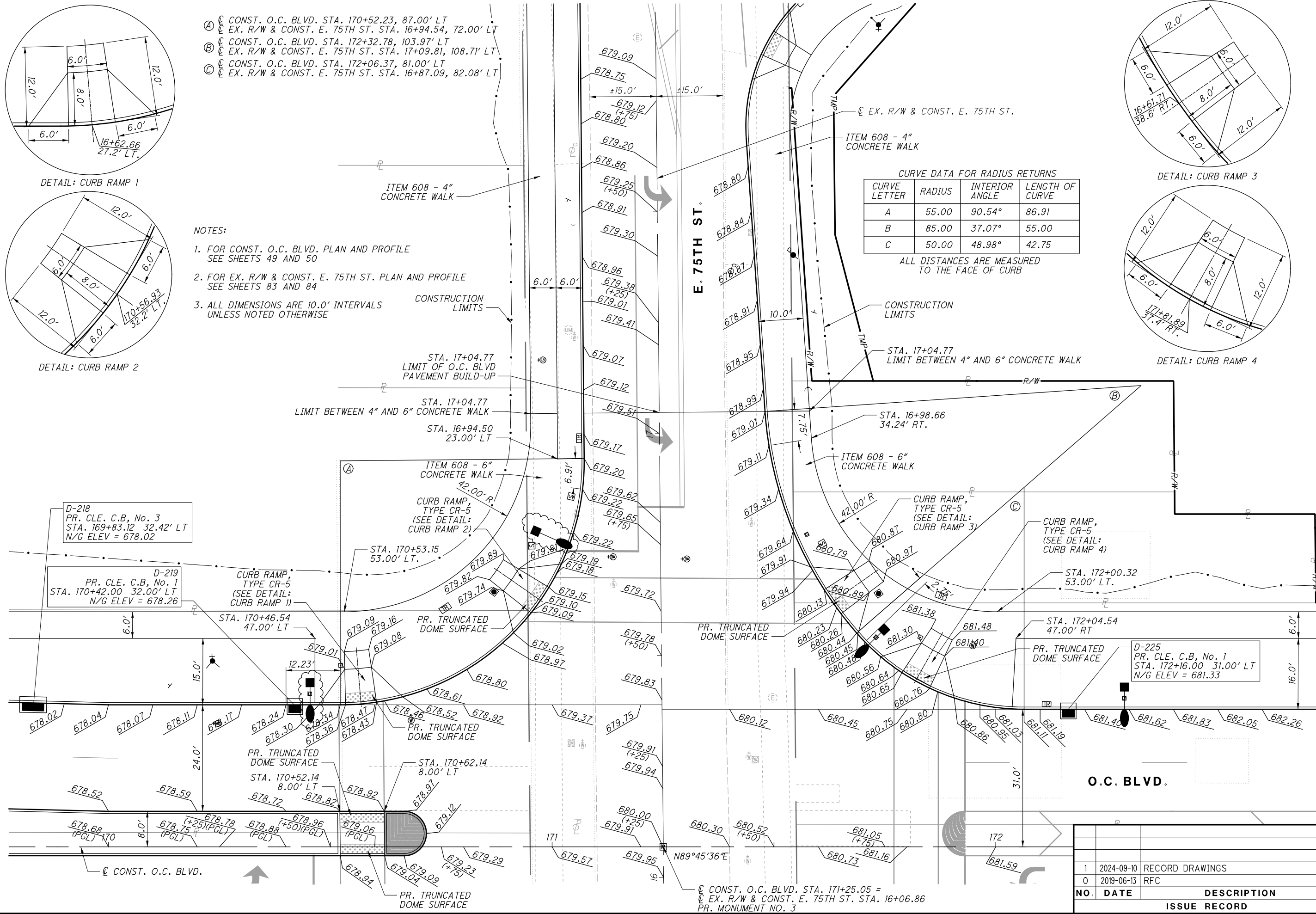
RECORD PLANS



CALCULATED  
CEW  
CHECKED  
PDO

RECORD PLANS





CURVE DATA FOR RADIUS RETURNS			
CURVE LETTER	RADIUS	INTERIOR ANGLE	LENGTH OF CURVE
A	55.00	90.54°	86.91
B	85.00	37.07°	55.00
C	50.00	48.98°	42.75

ALL DISTANCES ARE MEASURED TO THE FACE OF CURB

- ① CONST. O.C. BLVD. STA. 170+52.23, 87.00' LT  
② EX. R/W & CONST. E. 75TH ST. STA. 16+94.54, 72.00' LT  
③ CONST. O.C. BLVD. STA. 172+32.78, 103.97' LT  
④ EX. R/W & CONST. E. 75TH ST. STA. 17+09.81, 108.71' LT  
⑤ CONST. O.C. BLVD. STA. 172+06.37, 81.00' LT  
⑥ EX. R/W & CONST. E. 75TH ST. STA. 16+87.09, 82.08' LT

NOTES:

- FOR CONST. O.C. BLVD. PLAN AND PROFILE SEE SHEETS 49 AND 50
- FOR EX. R/W & CONST. E. 75TH ST. PLAN AND PROFILE SEE SHEETS 83 AND 84
- ALL DIMENSIONS ARE 10.0' INTERVALS UNLESS NOTED OTHERWISE

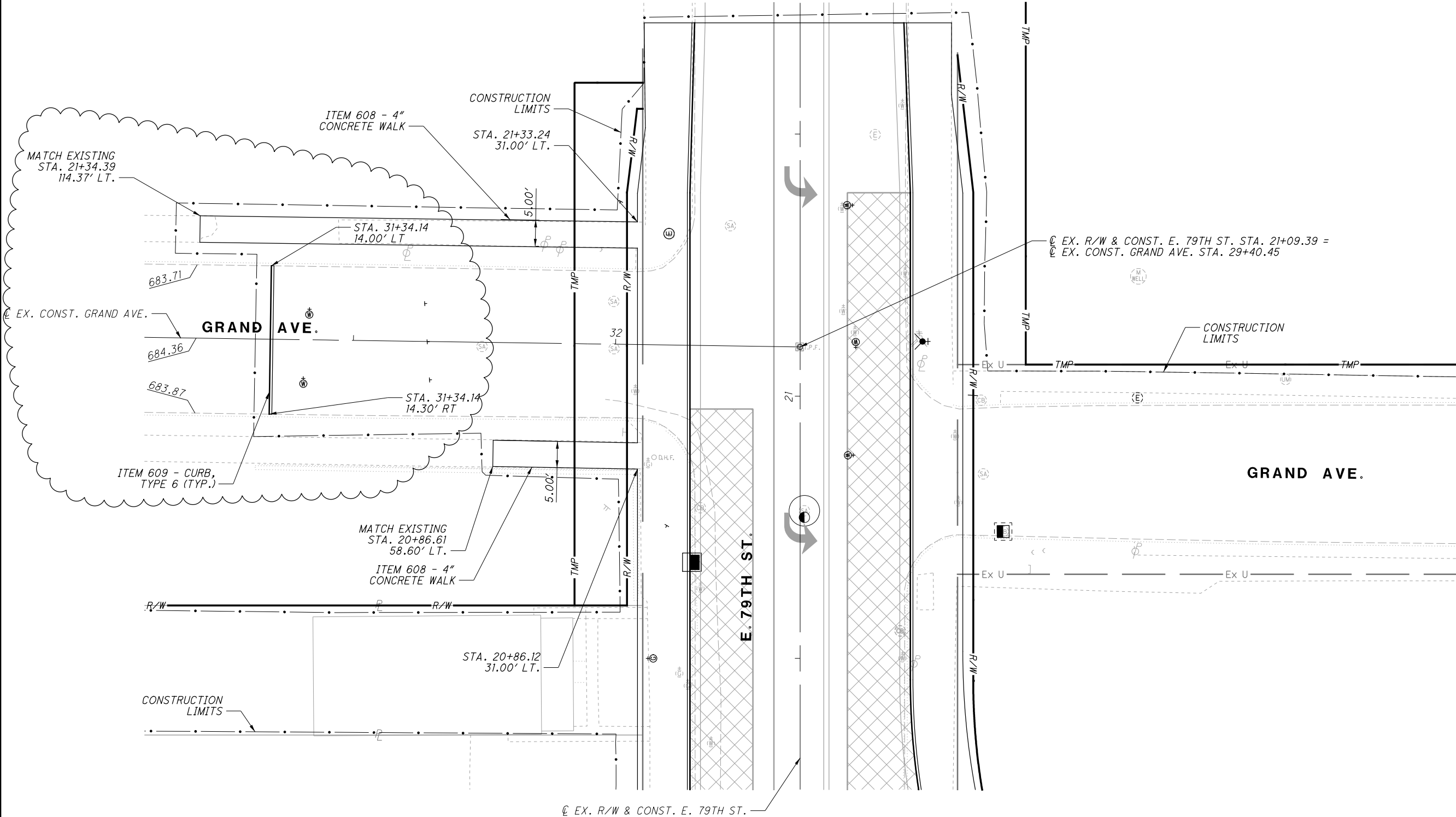






ALL DISTANCES ARE MEASURED  
TO THE FACE OF CURB

0	2019-06-13	RFC
<b>NO.</b>	<b>DATE</b>	<b>DESCRIPTION</b>
<b>ISSUE RECORD</b>		



NOTES:

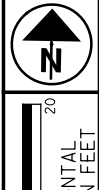
FOR EX. R/W & CONST. E. 79TH ST. PLAN AND PROFILE  
SEE SHEETS 89 TO 92

NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		

CUY-IR490/ SR010-  
2.09 / 19.28

INTERSECTION DETAIL  
E. 79TH ST. & GRAND AVE.

RECORD PLANS



NOTES:

FOR CONST. O.C. BLVD. PLAN AND PROFILE  
SEE SHEETS 53 AND 54

FOR EX. R/W & CONST. E. 79TH ST. PLAN AND PROFILE  
SEE SHEETS 89 AND 90

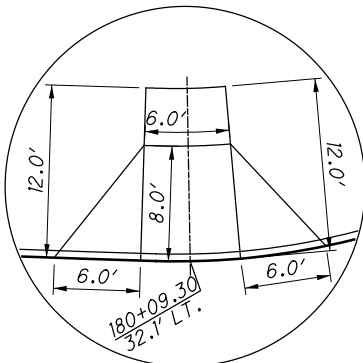
ALL DIMENSIONS ARE 10.0' INTERVALS  
UNLESS NOTED OTHERWISE

CURVE DATA FOR RADIUS RETURNS

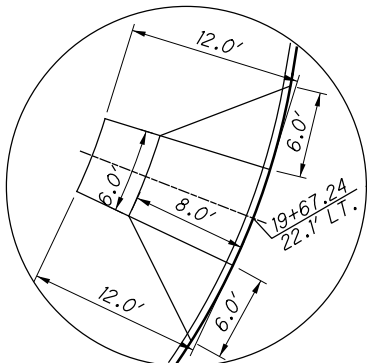
CURVE LETTER	RADIUS	INTERIOR ANGLE	LENGTH OF CURVE
A	50.00	82.39°	71.90
B	140.00	26.60°	65.00
C	50.00	77.55°	67.67

ALL DISTANCES ARE MEASURED  
TO THE FACE OF CURB

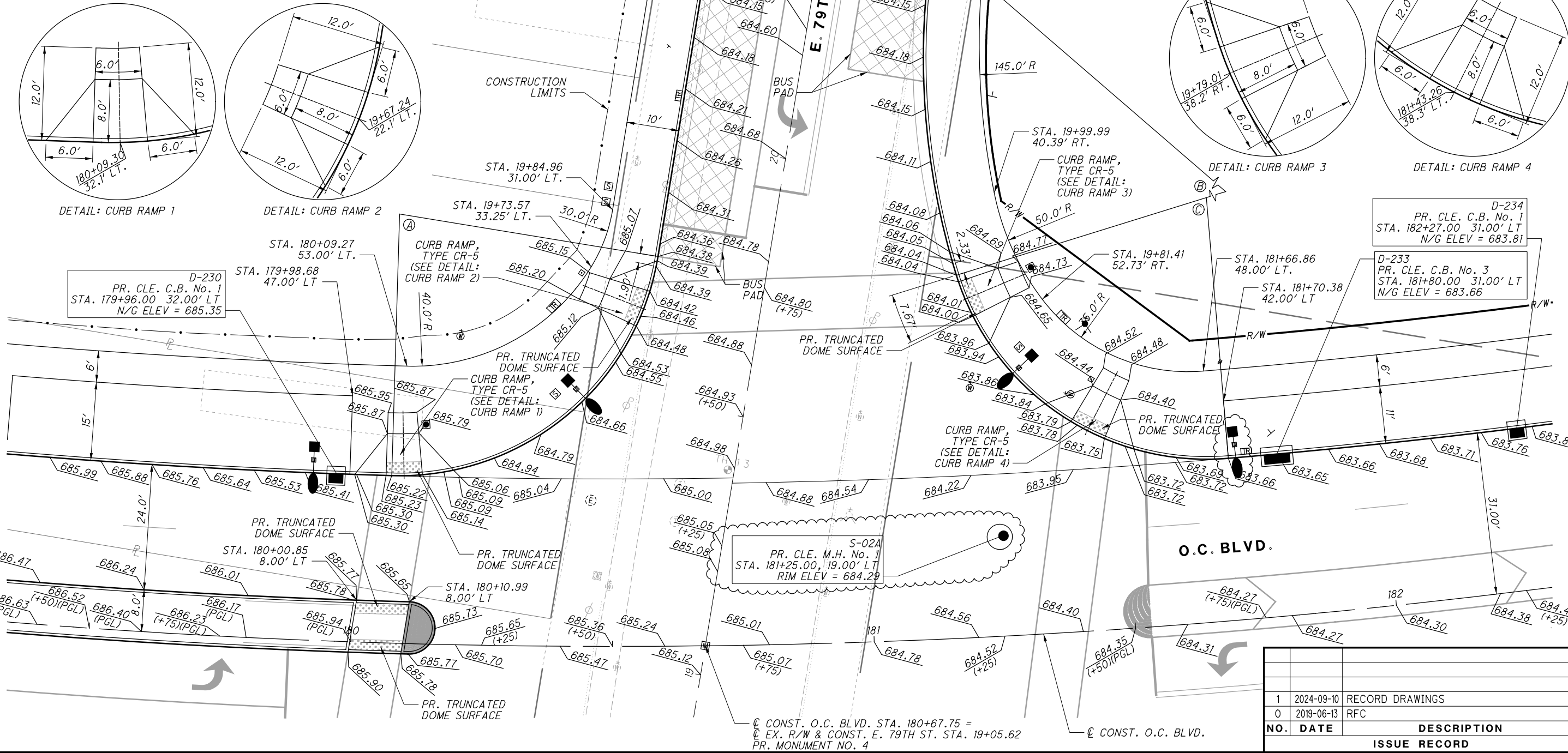
- Ⓐ CONST. O.C. BLVD. STA. 180+06.88, 82.00' LT  
EX. R/W & CONST. E. 79TH ST. STA. 19+77.56, 71.00' LT
- Ⓑ CONST. O.C. BLVD. STA. 182+64.75, 97.51' LT  
EX. R/W & CONST. E. 79TH ST. STA. 20+45.97, 161.00' RT
- Ⓒ CONST. O.C. BLVD. STA. 181+70.38, 81.00' LT  
EX. R/W & CONST. E. 79TH ST. STA. 20+05.67, 80.53' RT



DETAIL: CURB RAMP 1



DETAIL: CURB RAMP 2



NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		



CURVE DATA FOR RADIUS RETURNS			
CURVE LETTER	RADIUS	INTERIOR ANGLE	LENGTH OF CURVE
A	45.00	45.68°	35.88
B	90.00	21.73°	34.13
C	50.00	96.84°	84.51

ALL DISTANCES ARE MEASURED TO THE FACE OF CURB

- ① CONST. O.C. BLVD. STA. 182+38.67, 92.00' RT  
PR. R/W & CONST. RAWLINGS AVE. STA. 31+48.39, 72.72' RT
- ② CONST. O.C. BLVD. STA. 182+09.03, 123.77' RT  
PR. R/W & CONST. RAWLINGS AVE. STA. 31+66.79, 109.38' RT
- ③ CONST. O.C. BLVD. STA. 183+66.87, 98.00' RT  
PR. R/W & CONST. RAWLINGS AVE. STA. 31+69.56, 62.50' LT

NOTES:

FOR CONST. O.C. BLVD. PLAN AND PROFILE  
SEE SHEETS 53 AND 54

FOR PR. R/W & CONST. RAWLINGS AVE. PLAN AND PROFILE  
SEE SHEETS 93 AND 94

ALL DIMENSIONS ARE 10.0' INTERVALS  
UNLESS NOTED OTHERWISE

DETAIL: CURB RAMP 2

NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		

CUY-IR490/ SR010-

2.09 / 19.28

INTERSECTION DETAIL  
RAWLINGS AVE. & O.C. BLVD.

RECORD PLANS



CALCULATED  
CEW  
CHECKED  
PDO

0 10 20  
HORIZONTAL  
SCALE IN FEET

RECORD PLANS

379  
437





NOTES:

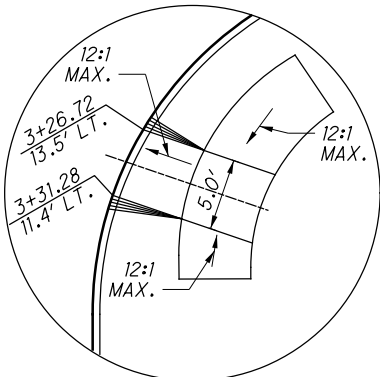
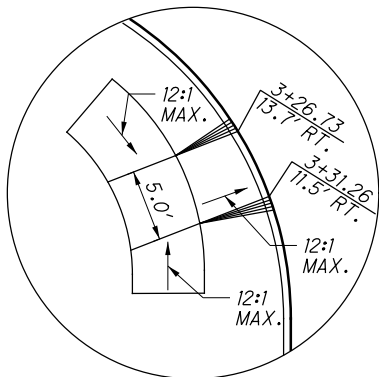
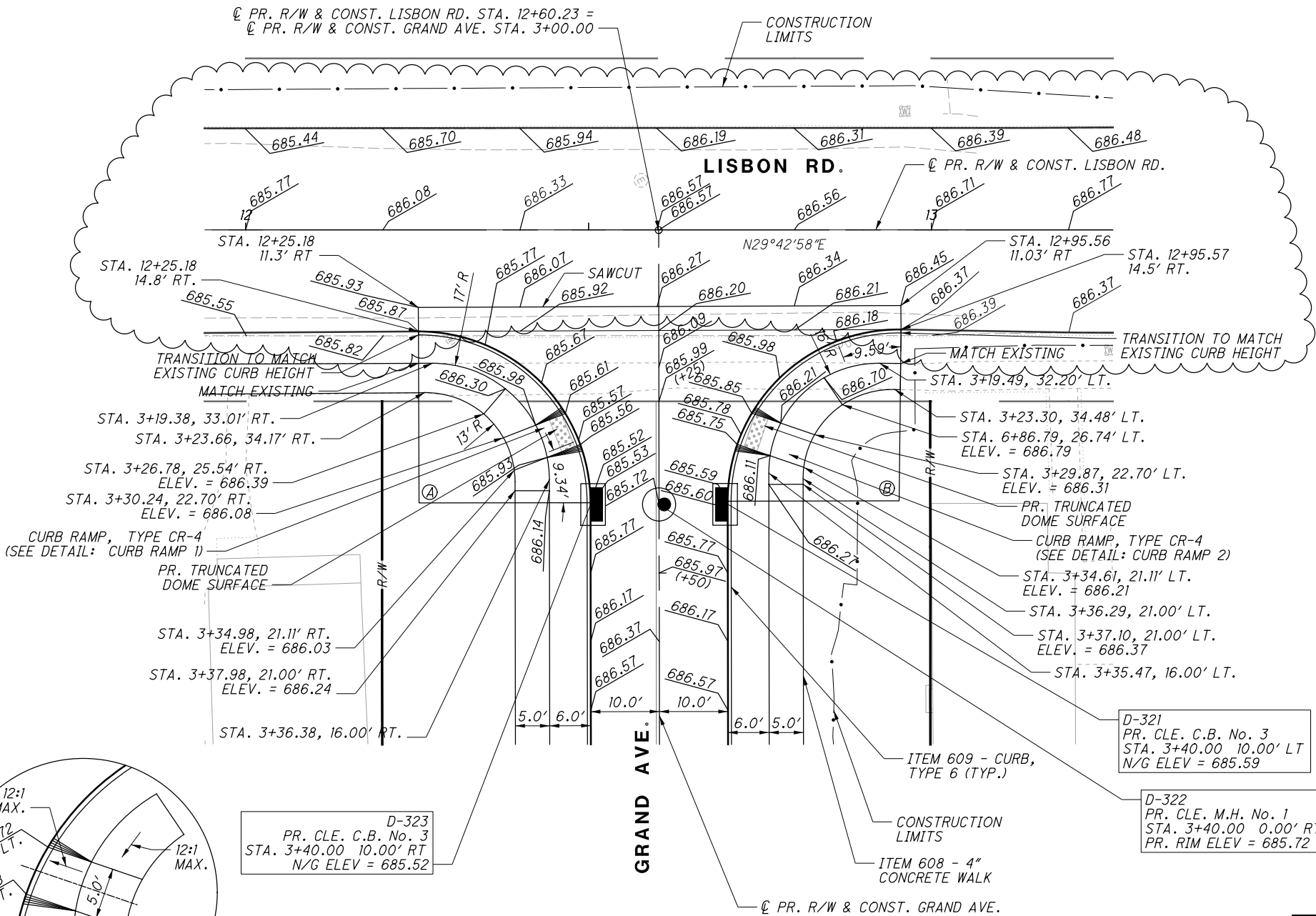
FOR PR. R/W & CONST. GRAND AVE. PLAN AND PROFILE  
SEE SHEETS 97 AND 98

ALL DIMENSIONS ARE 10.0' INTERVALS  
UNLESS NOTED OTHERWISE

CURVE DATA FOR RADIUS RETURNS			
CURVE LETTER	RADIUS	INTERIOR ANGLE	LENGTH OF CURVE
A	25.00	90.16°	39.34
B	25.00	90.74°	39.59

ALL DISTANCES ARE MEASURED TO THE FACE OF CURB

- ④ PR. R/W & CONST. GRAND AVE. STA. 3+39.74, 35.00' RT  
④ PR. R/W & CONST. LISBON RD. STA. 12+25.28, 39.82' RT  
⑤ PR. R/W & CONST. GRAND AVE. STA. 3+39.54, 35.00' LT  
⑤ PR. R/W & CONST. LISBON RD. STA. 12+95.28, 39.53' RT

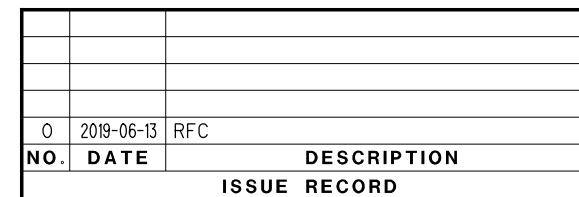


D-323  
PR. CLE. C.B. No. 3  
STA. 3+40.00 10.00' RT  
N/G ELEV = 685.52

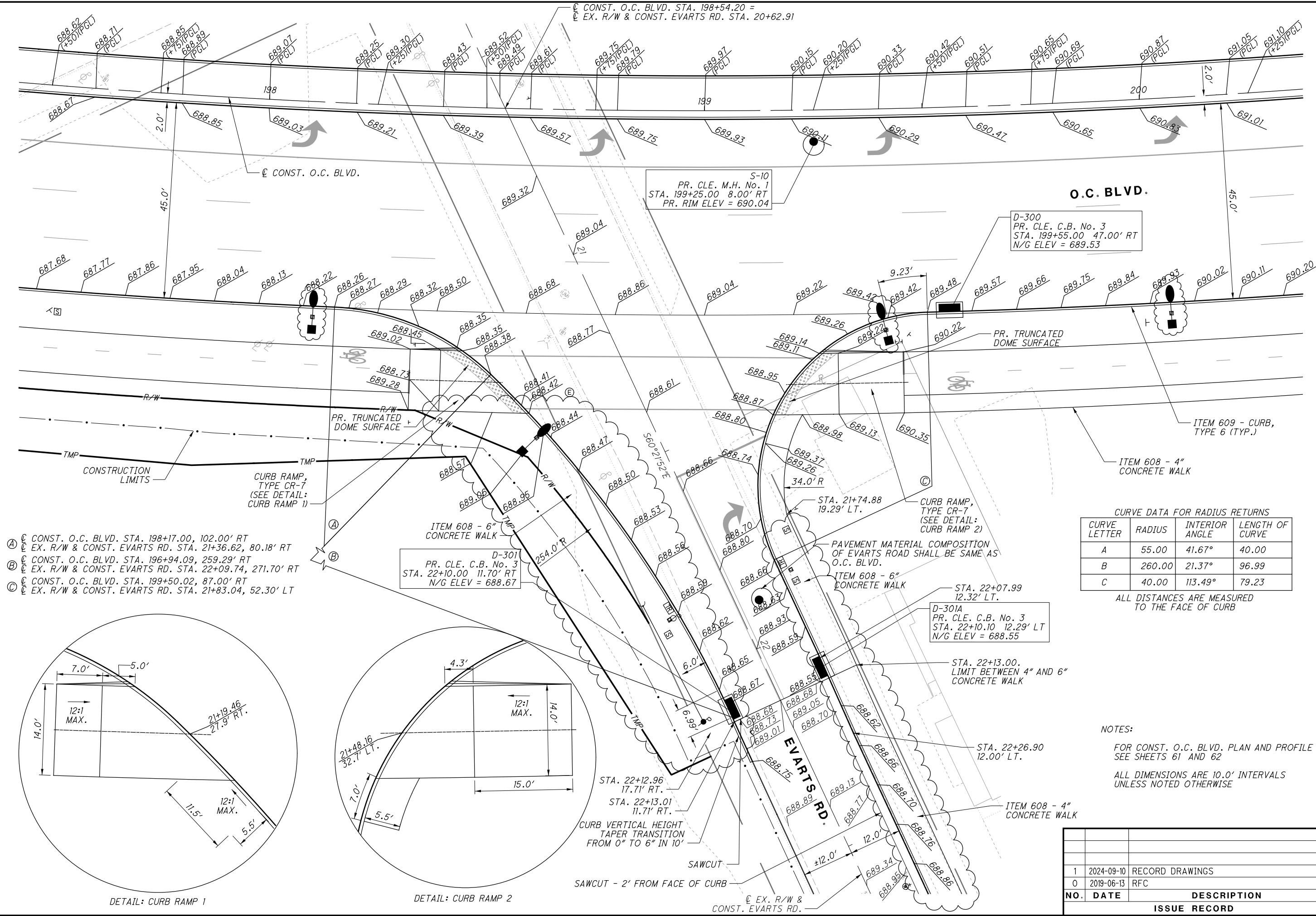
D-321  
PR. CLE. C.B. No. 3  
STA. 3+40.00 10.00' LT  
N/G ELEV = 685.59

D-322  
PR. CLE. M.H. No. 1  
STA. 3+40.00 0.00' RT  
PR. RIM ELEV = 685.72

NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		





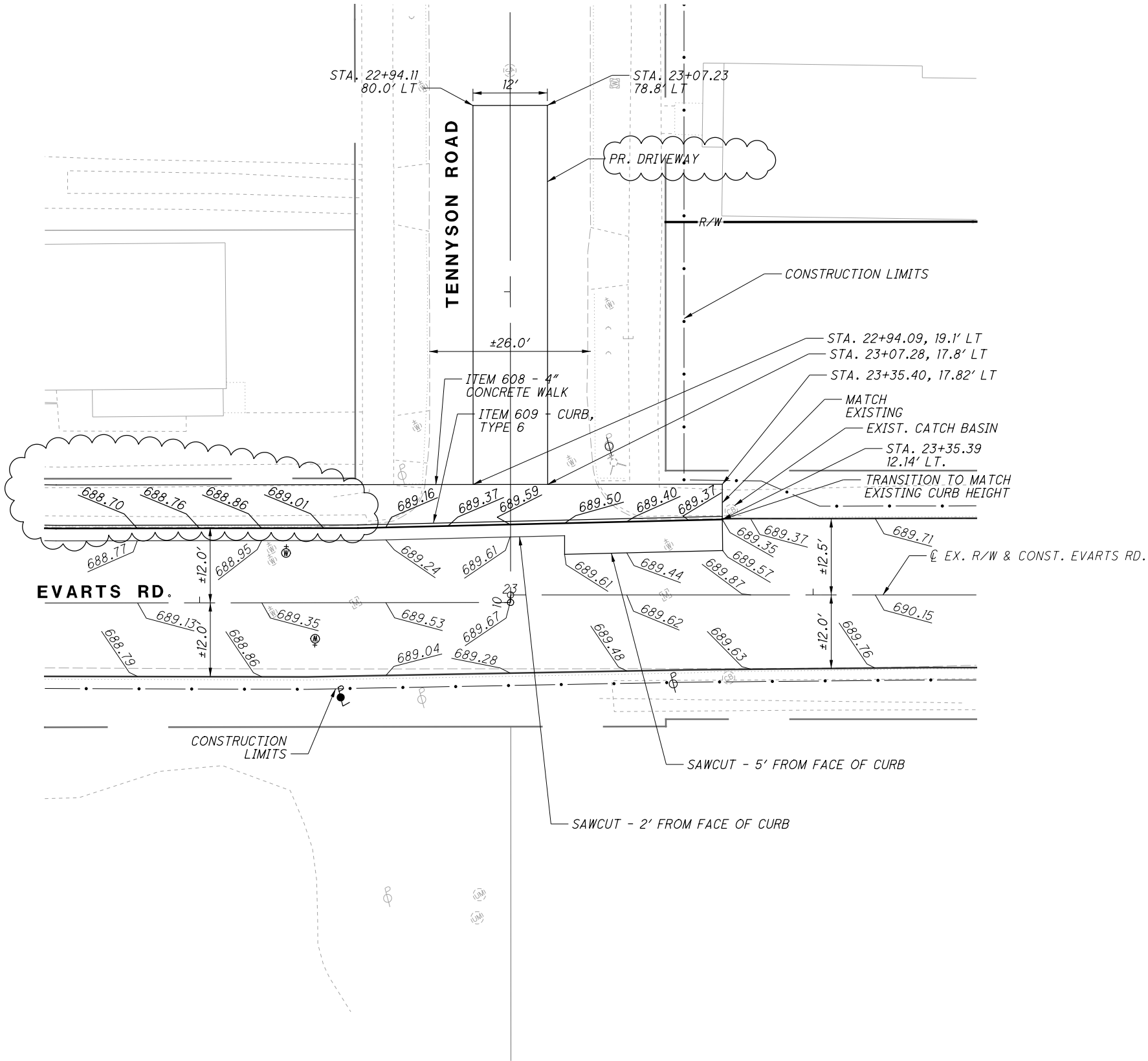


CURVE DATA FOR RADIUS RETURNS			
CURVE LETTER	RADIUS	INTERIOR ANGLE	LENGTH OF CURVE
A	55.00	41.67°	40.00
B	260.00	21.37°	96.99
C	40.00	113.49°	79.23

ALL DISTANCES ARE MEASURED TO THE FACE OF CURB

NOTES:  
FOR CONST. O.C. BLVD. PLAN AND PROFILE SEE SHEETS 61 AND 62  
ALL DIMENSIONS ARE 10.0' INTERVALS UNLESS NOTED OTHERWISE

NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		



NOTES:  
ALL DIMENSIONS ARE 10.0' INTERVALS  
UNLESS NOTED OTHERWISE

2	2024-09-10	RECORD DRAWINGS
1	2019-08-06	DC015
0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
ISSUE RECORD		

CUY-IR490/ SR010-  
2.09 / 19.28

384  
437

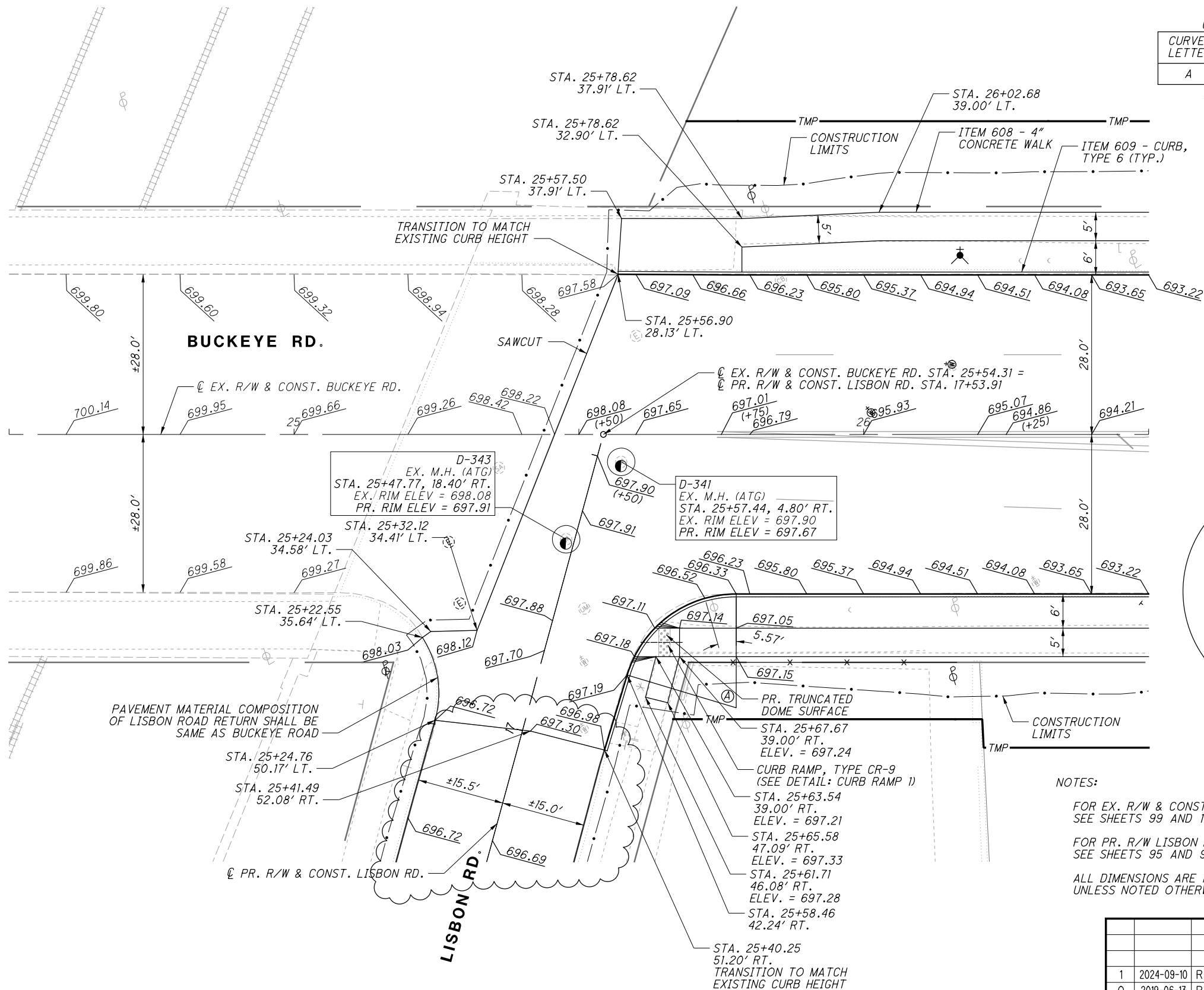
INTERSECTION DETAIL  
EVARTS RD. & TENNYSON RD.

CALCULATED  
CEW  
CHECKED  
PDO

0 5 10 20  
HORIZONTAL  
SCALE IN FEET

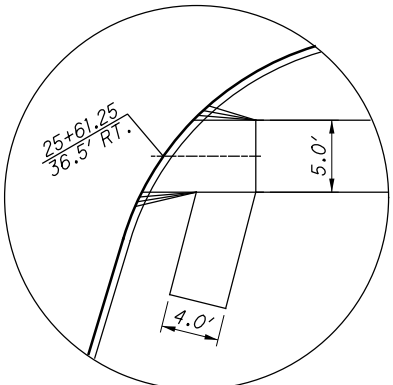
RECORD PLANS

RECORD PLANS



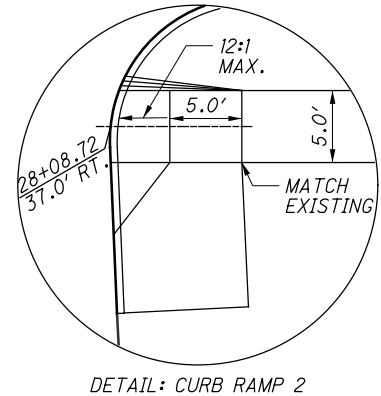
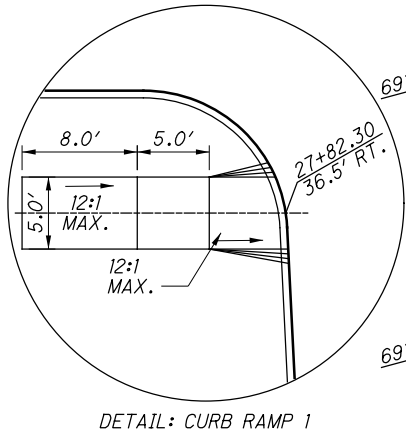
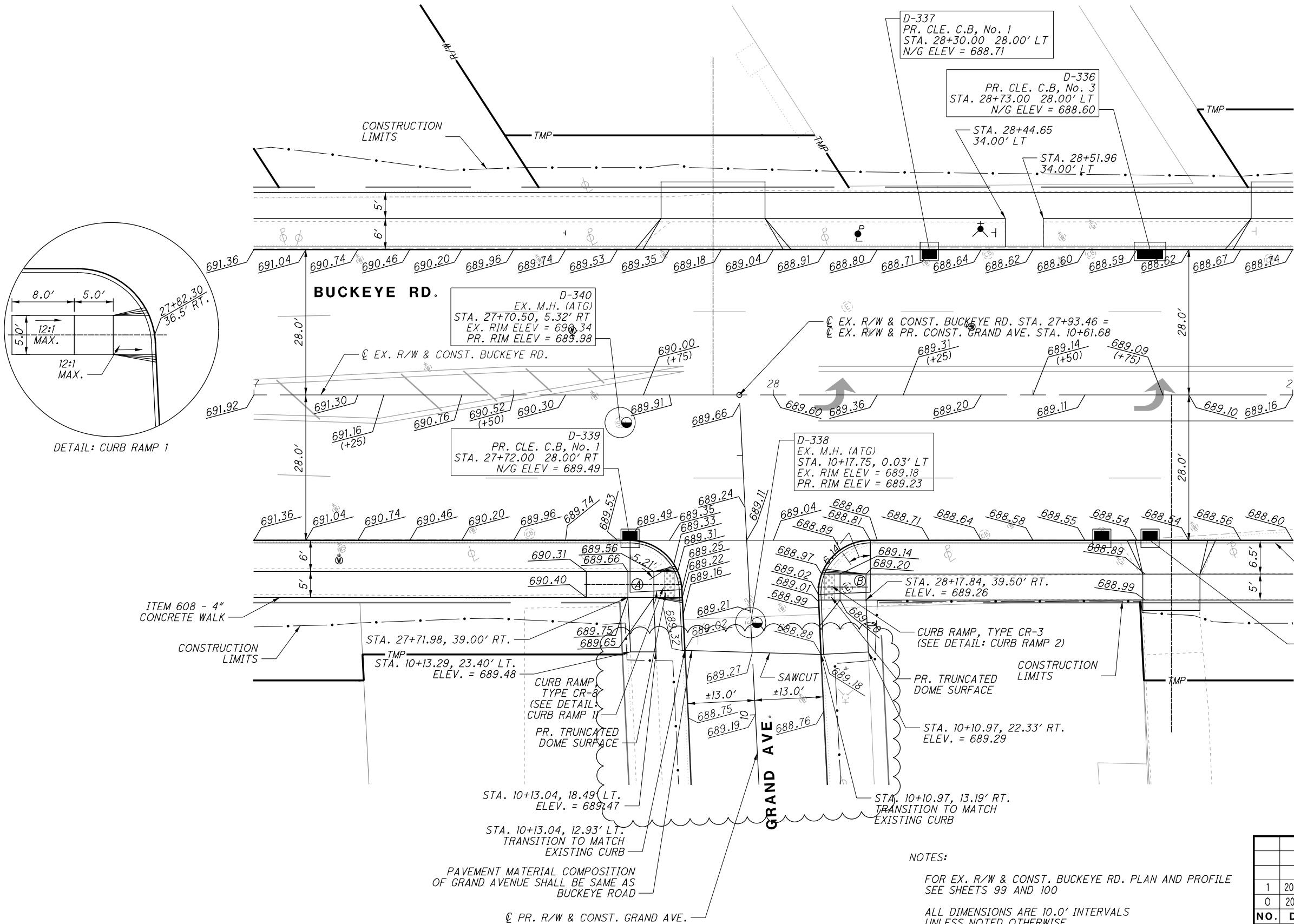
CURVE DATA FOR RADIUS RETURNS			
CURVE LETTER	RADIUS	INTERIOR ANGLE	LENGTH OF CURVE
A	20.00	73.26°	25.57

ALL DISTANCES ARE MEASURED TO THE FACE OF CURB



NOTES:  
FOR EX. R/W & CONST. BUCKEYE RD. PLAN AND PROFILE SEE SHEETS 99 AND 100  
FOR PR. R/W LISBON RD. PLAN AND PROFILE SEE SHEETS 95 AND 96  
ALL DIMENSIONS ARE 10.0' INTERVALS UNLESS NOTED OTHERWISE

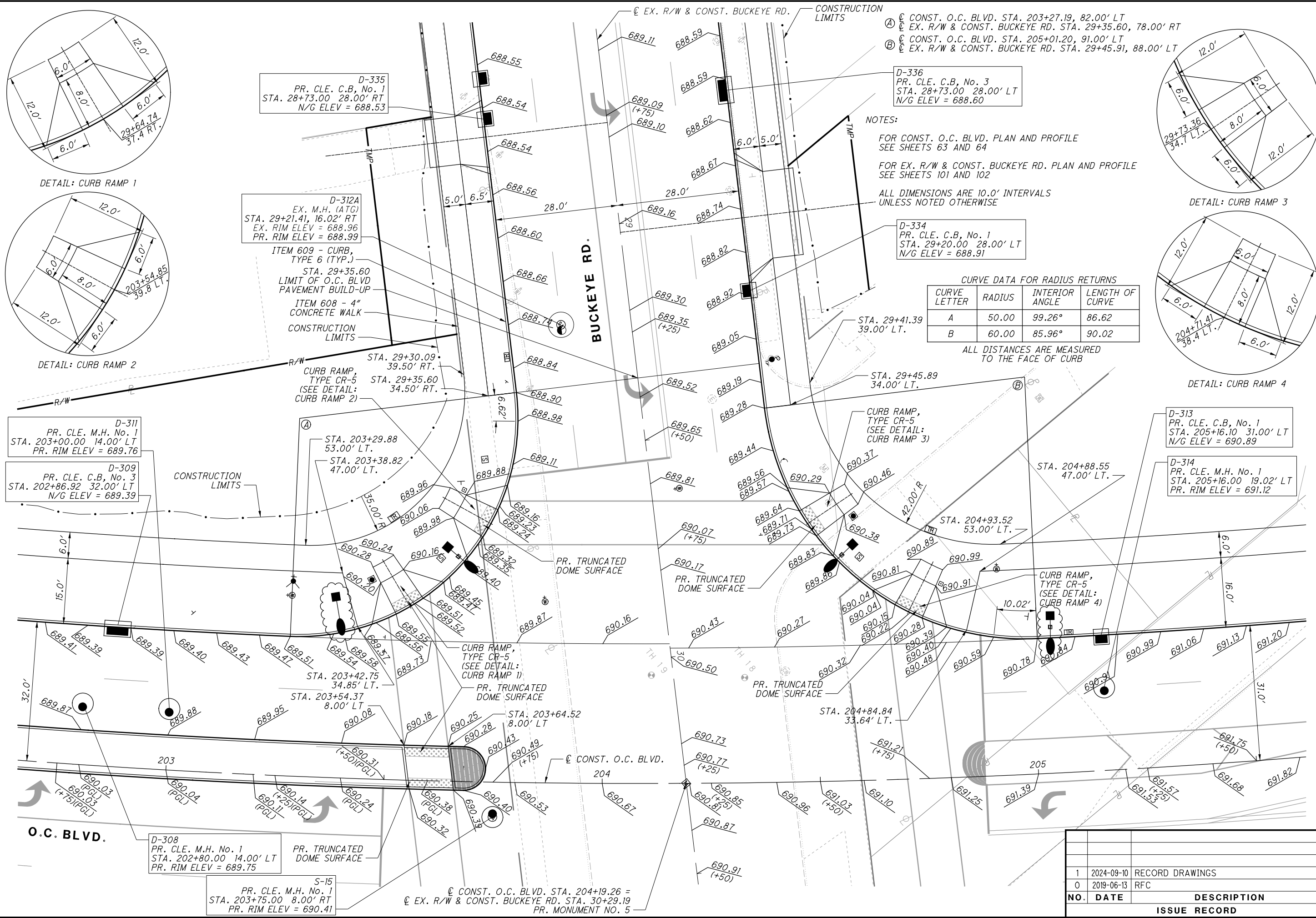
NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		



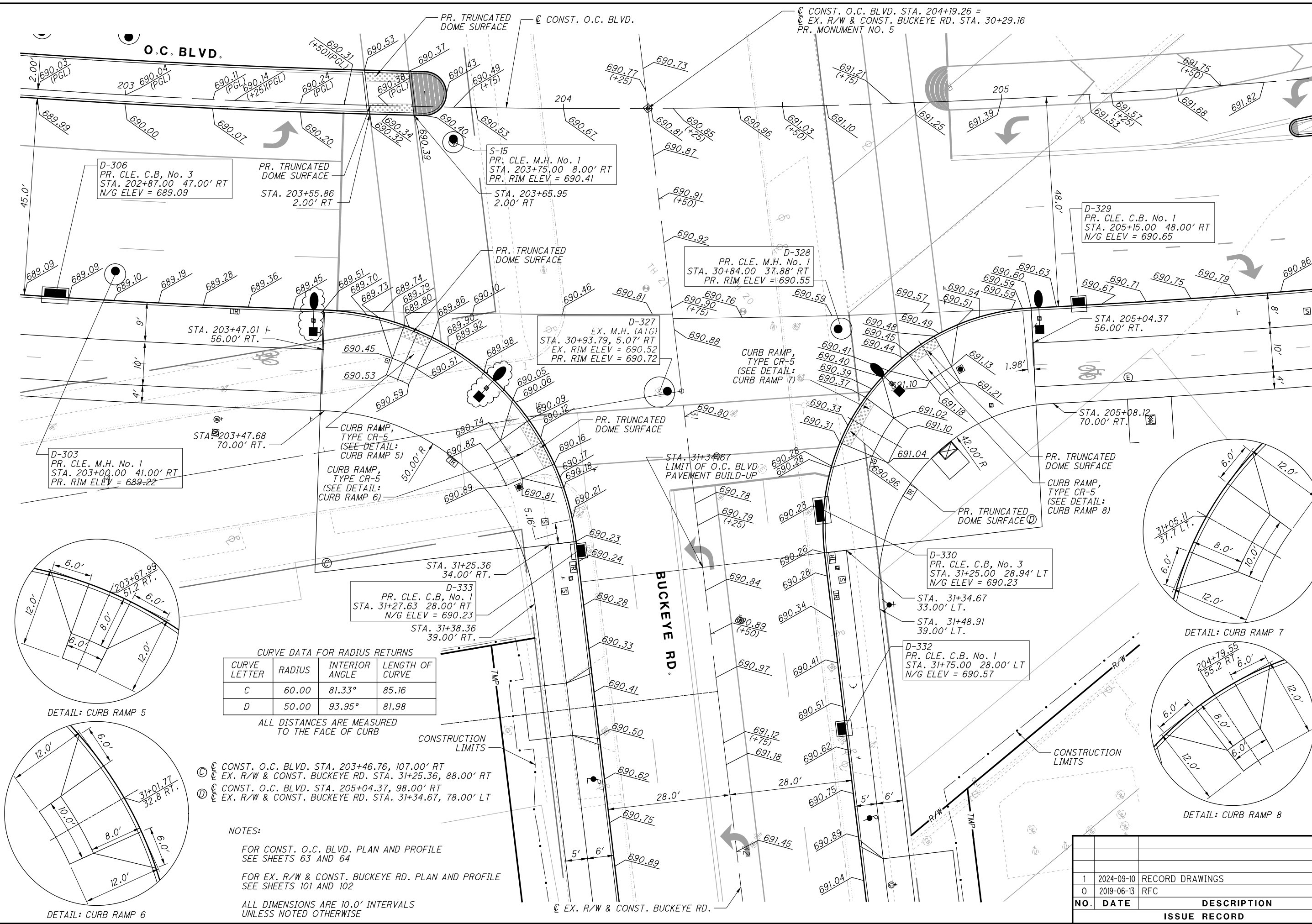
- Ⓐ EX. R/W & CONST. BUCKEYE RD. STA. 27+72.41, 38.00' RT  
EX. R/W & CONST. GRAND AVE. STA. 10+24.78, 22.92' LT  
Ⓑ EX. R/W & CONST. BUCKEYE RD. STA. 28+18.67, 38.00' RT  
EX. R/W & CONST. GRAND AVE. STA. 10+22.46, 23.28' RT

CURVE DATA FOR RADIUS RETURNS			
CURVE LETTER	RADIUS	INTERIOR ANGLE	LENGTH OF CURVE
A	10.00	87.14°	15.21
B	10.00	92.50°	16.14

ALL DISTANCES ARE MEASURED TO THE FACE OF CURB



NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
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		ISSUE RECORD



CURVE DATA FOR RADIUS RETURNS			
CURVE LETTER	RADIUS	INTERIOR ANGLE	LENGTH OF CURVE
C	60.00	81.33°	85.16
D	50.00	93.95°	81.98

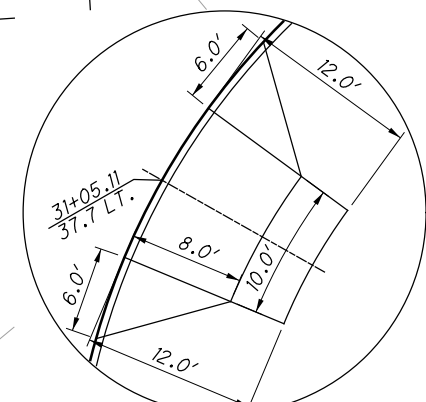
ALL DISTANCES ARE MEASURED TO THE FACE OF CURB

- NOTES:
- ① CONST. O.C. BLVD. STA. 203+46.76, 107.00' RT
  - ② EX. R/W & CONST. BUCKEYE RD. STA. 31+25.36, 88.00' RT
  - ③ CONST. O.C. BLVD. STA. 205+04.37, 98.00' RT
  - ④ EX. R/W & CONST. BUCKEYE RD. STA. 31+34.67, 78.00' LT

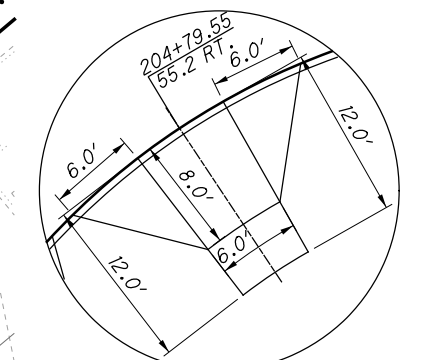
FOR CONST. O.C. BLVD. PLAN AND PROFILE  
SEE SHEETS 63 AND 64

FOR EX. R/W & CONST. BUCKEYE RD. PLAN AND PROFILE  
SEE SHEETS 101 AND 102

ALL DIMENSIONS ARE 10.0' INTERVALS  
UNLESS NOTED OTHERWISE



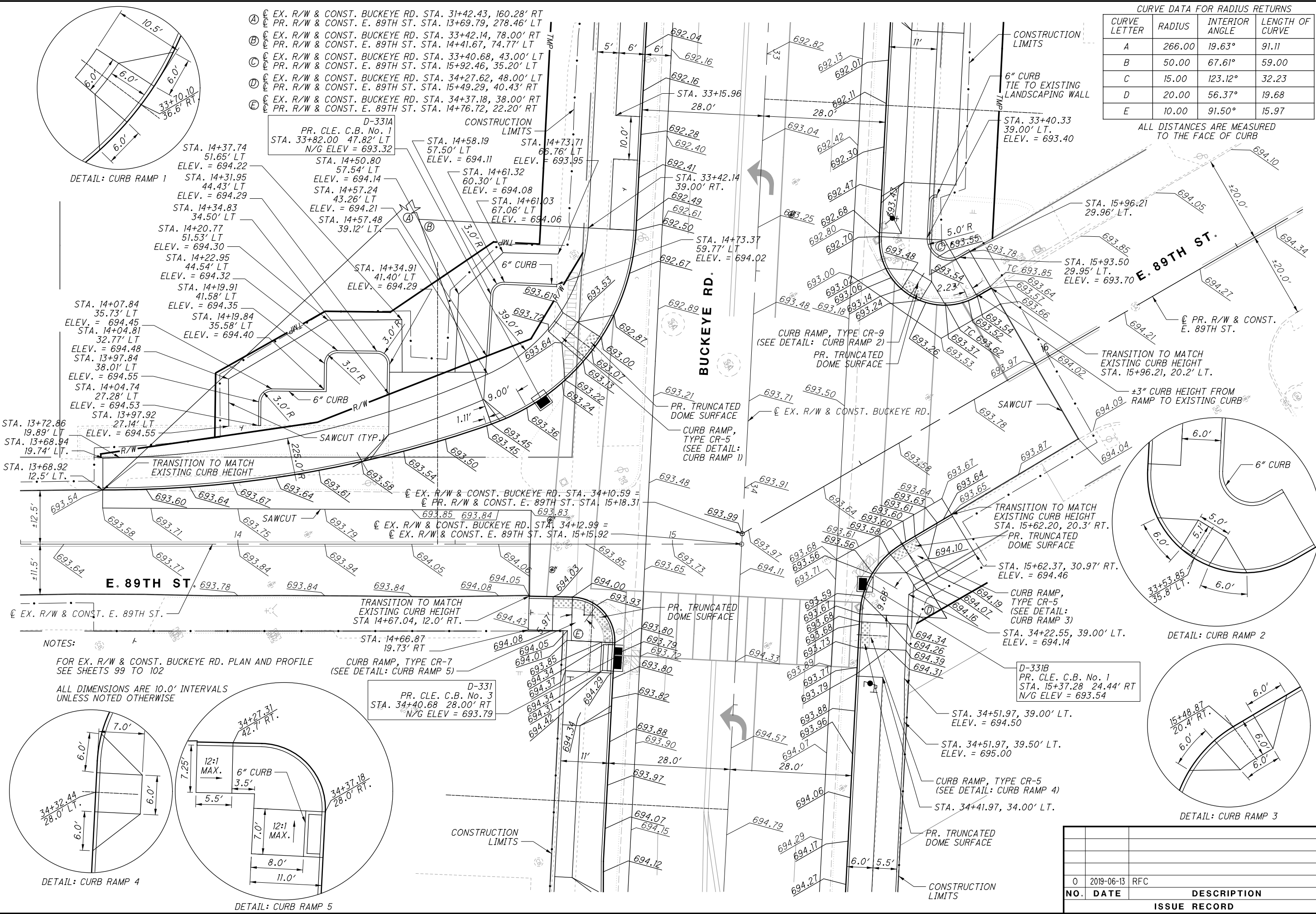
DETAIL: CURB RAMP 7



DETAIL: CURB RAMP 8

ISSUE RECORD		
NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC





CURVE DATA FOR RADIUS RETURNS

CURVE LETTER	RADIUS	INTERIOR ANGLE	LENGTH OF CURVE
A	266.00	19.63°	91.11
B	50.00	67.61°	59.00
C	15.00	123.12°	32.23
D	20.00	56.37°	19.68
E	10.00	91.50°	15.97

ALL DISTANCES ARE MEASURED TO THE FACE OF CURB

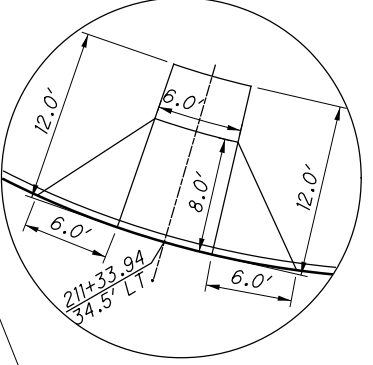
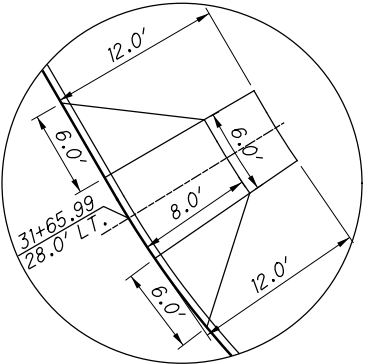
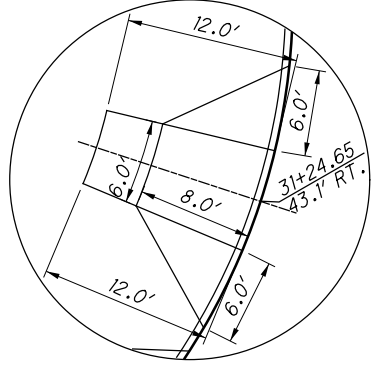
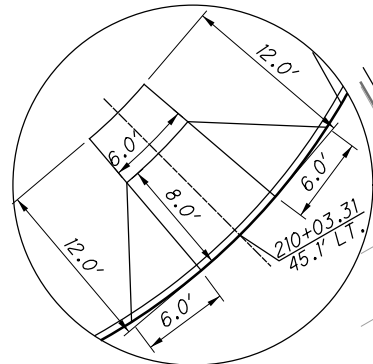
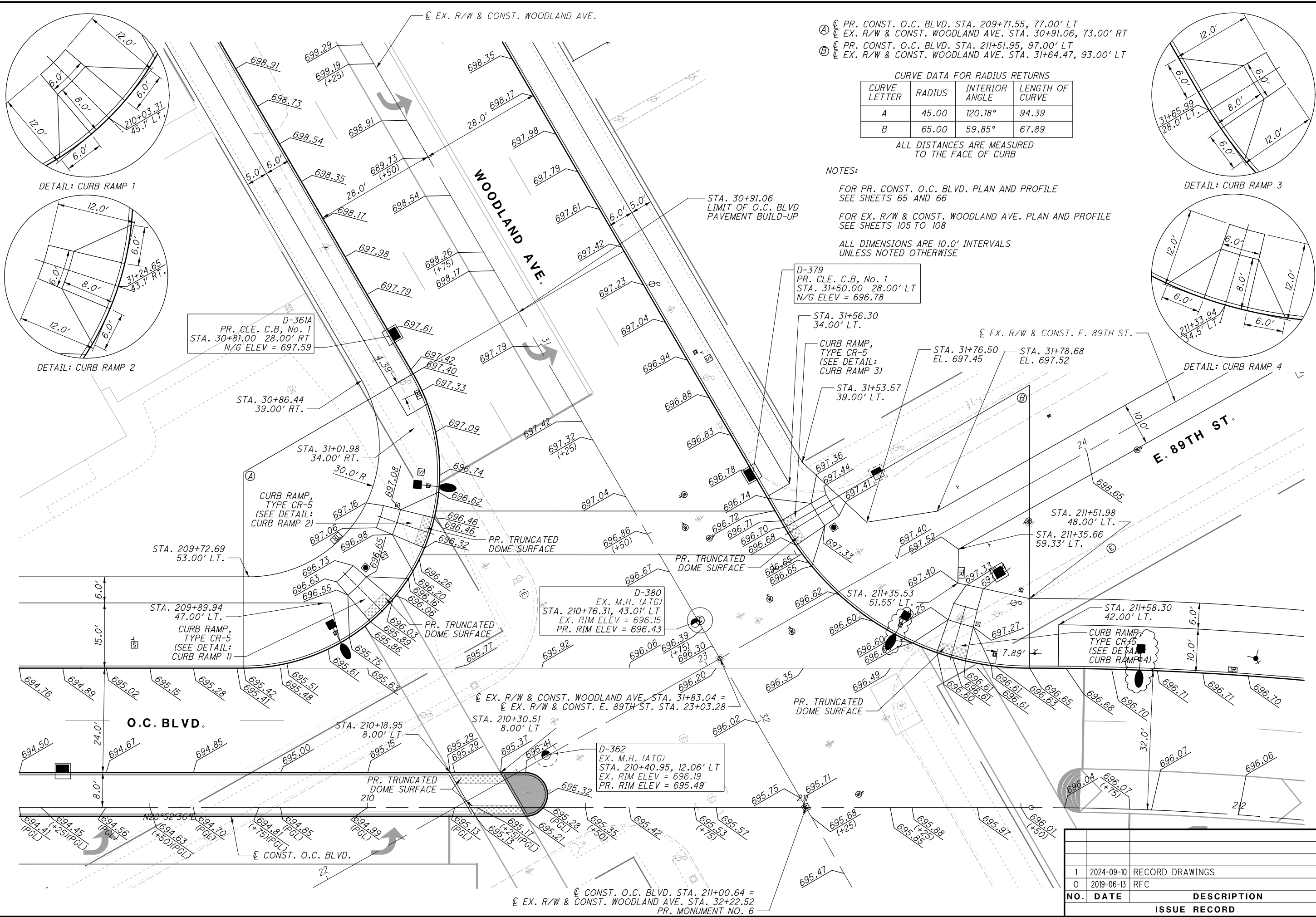
DETAIL: CURB RAMP 1

DETAIL: CURB RAMP 2

DETAIL: CURB RAMP 4

DETAIL: CURB RAMP 5

DETAIL: CURB RAMP 3



- ① PR. CONST. O.C. BLVD. STA. 209+71.55, 77.00' LT  
② EX. R/W & CONST. WOODLAND AVE. STA. 30+91.06, 73.00' RT  
③ PR. CONST. O.C. BLVD. STA. 211+51.95, 97.00' LT  
④ EX. R/W & CONST. WOODLAND AVE. STA. 31+64.47, 93.00' LT

CURVE DATA FOR RADIUS RETURNS			
CURVE LETTER	RADIUS	INTERIOR ANGLE	LENGTH OF CURVE
A	45.00	120.18°	94.39
B	65.00	59.85°	67.89

ALL DISTANCES ARE MEASURED TO THE FACE OF CURB

NOTES:

FOR PR. CONST. O.C. BLVD. PLAN AND PROFILE SEE SHEETS 65 AND 66

FOR EX. R/W & CONST. WOODLAND AVE. PLAN AND PROFILE SEE SHEETS 105 TO 108

ALL DIMENSIONS ARE 10.0' INTERVALS UNLESS NOTED OTHERWISE

D-379  
PR. CLE. C.B. No. 1  
STA. 31+50.00 28.00' LT  
N/G ELEV = 696.78

STA. 31+56.30  
34.00' LT.

CURB RAMP,  
TYPE CR-5  
(SEE DETAIL:  
CURB RAMP 3)

STA. 31+53.57  
39.00' LT.

EX. R/W & CONST. E. 89TH ST.

STA. 31+76.50  
EL. 697.45

STA. 31+78.68  
EL. 697.52

DETAIL: CURB RAMP 4

STA. 211+51.98  
48.00' LT.  
STA. 211+35.66  
59.33' LT.

STA. 211+58.30  
42.00' LT.

CURB RAMP,  
TYPE CR-5  
(SEE DETAIL:  
CURB RAMP 4)

D-380  
EX. M.H. (ATG)  
STA. 210+76.31, 43.01' LT  
EX. RIM ELEV = 696.15  
PR. RIM ELEV = 696.43

D-362  
EX. M.H. (ATG)  
STA. 210+40.95, 12.06' LT  
EX. RIM ELEV = 696.19  
PR. RIM ELEV = 695.49

EX. R/W & CONST. WOODLAND AVE. STA. 31+83.04 =  
EX. R/W & CONST. E. 89TH ST. STA. 23+03.28

CONST. O.C. BLVD. STA. 211+00.64 =  
EX. R/W & CONST. WOODLAND AVE. STA. 32+22.52  
PR. MONUMENT NO. 6

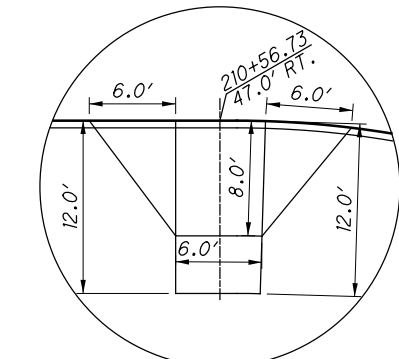
NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		

INTERSECTION DETAIL  
WOODLAND AVE. & O.C. BLVD. (WEST)

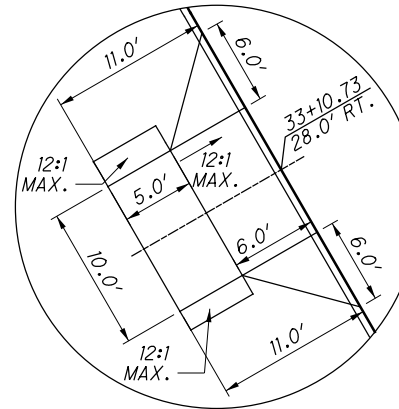
CUY-IR490/ SR010-  
2.09 / 19.28

390  
437





DETAIL: CURB RAMP 5



DETAIL: CURB RAMP 6

© PR. CONST. O.C. BLVD. STA. 210+57.91, 112.00' RT  
© EX. R/W & CONST. WOODLAND AVE. STA. 32+98.15, 93.00' RT

CURVE DATA FOR RADIUS RETURNS			
CURVE LETTER	RADIUS	INTERIOR ANGLE	LENGTH OF CURVE
C	65.00	60.00°	68.07

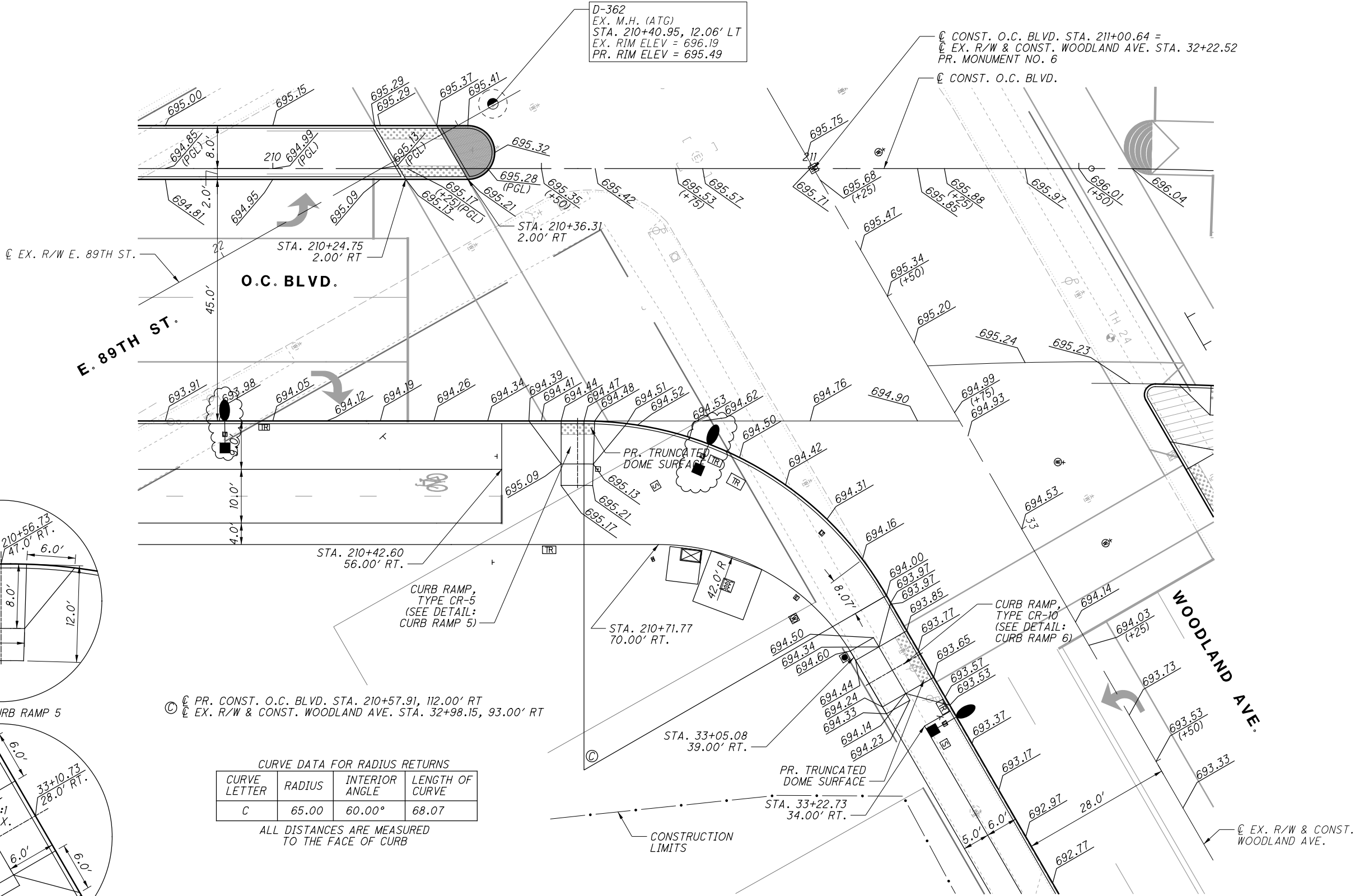
ALL DISTANCES ARE MEASURED TO THE FACE OF CURB

NOTES:

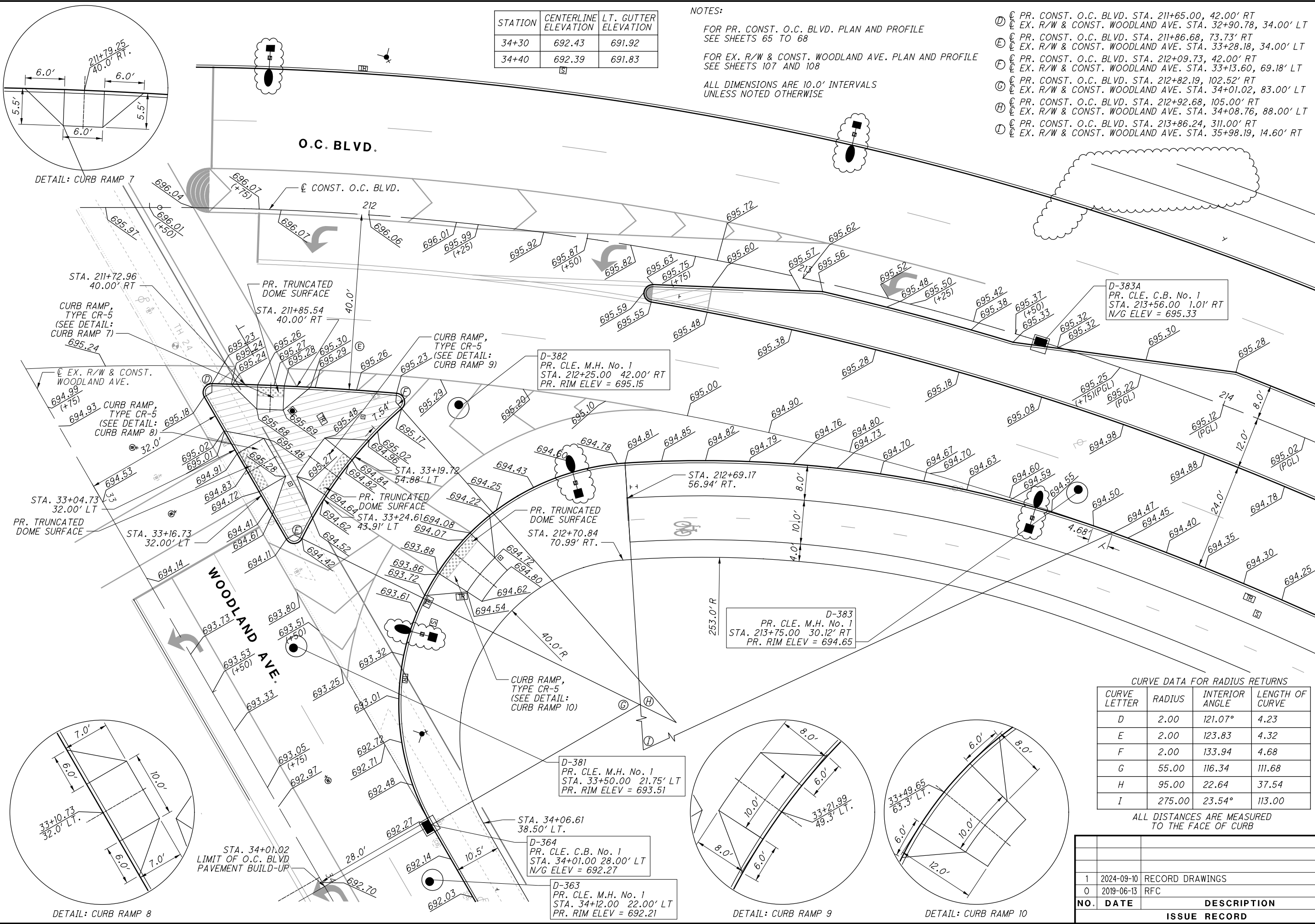
FOR PR. CONST. O.C. BLVD. PLAN AND PROFILE  
SEE SHEETS 65 AND 66

FOR EX. R/W & CONST. WOODLAND AVE. PLAN AND PROFILE  
SEE SHEETS 105 TO 108

ALL DIMENSIONS ARE 10.0' INTERVALS  
UNLESS NOTED OTHERWISE



NO.	DATE	DESCRIPTION
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0	2019-06-13	RFC
ISSUE RECORD		



STATION	CENTERLINE ELEVATION	LT. GUTTER ELEVATION
34+30	692.43	691.92
34+40	692.39	691.83

NOTES:

FOR PR. CONST. O.C. BLVD. PLAN AND PROFILE  
SEE SHEETS 65 TO 68

FOR EX. R/W & CONST. WOODLAND AVE. PLAN AND PROFILE  
SEE SHEETS 107 AND 108

ALL DIMENSIONS ARE 10.0' INTERVALS  
UNLESS NOTED OTHERWISE

- ① PR. CONST. O.C. BLVD. STA. 211+65.00, 42.00' RT
- ② EX. R/W & CONST. WOODLAND AVE. STA. 32+90.78, 34.00' LT
- ③ PR. CONST. O.C. BLVD. STA. 211+86.68, 73.73' RT
- ④ EX. R/W & CONST. WOODLAND AVE. STA. 33+28.18, 34.00' LT
- ⑤ PR. CONST. O.C. BLVD. STA. 212+09.73, 42.00' RT
- ⑥ EX. R/W & CONST. WOODLAND AVE. STA. 33+13.60, 69.18' LT
- ⑦ PR. CONST. O.C. BLVD. STA. 212+82.19, 102.52' RT
- ⑧ EX. R/W & CONST. WOODLAND AVE. STA. 34+01.02, 83.00' LT
- ⑨ PR. CONST. O.C. BLVD. STA. 212+92.68, 105.00' RT
- ⑩ EX. R/W & CONST. WOODLAND AVE. STA. 34+08.76, 88.00' LT
- ⑪ PR. CONST. O.C. BLVD. STA. 213+86.24, 311.00' RT
- ⑫ EX. R/W & CONST. WOODLAND AVE. STA. 35+98.19, 14.60' RT

CURVE DATA FOR RADIUS RETURNS			
CURVE LETTER	RADIUS	INTERIOR ANGLE	LENGTH OF CURVE
D	2.00	121.07°	4.23
E	2.00	123.83	4.32
F	2.00	133.94	4.68
G	55.00	116.34	111.68
H	95.00	22.64	37.54
I	275.00	23.54°	113.00

ISSUE RECORD		
NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC

NOTES:

FOR CONST. O.C. BLVD. PLAN AND PROFILE  
SEE SHEETS 63 TO 66

FOR PR. R/W & CONST. E. 89TH ST. AND  
EX. R/W & CONST. KENNEDY AVE. PLAN AND PROFILE  
SEE SHEETS 115 AND 116

ALL DIMENSIONS ARE 10.0' INTERVALS  
UNLESS NOTED OTHERWISE

CURVE DATA FOR RADIUS RETURNS

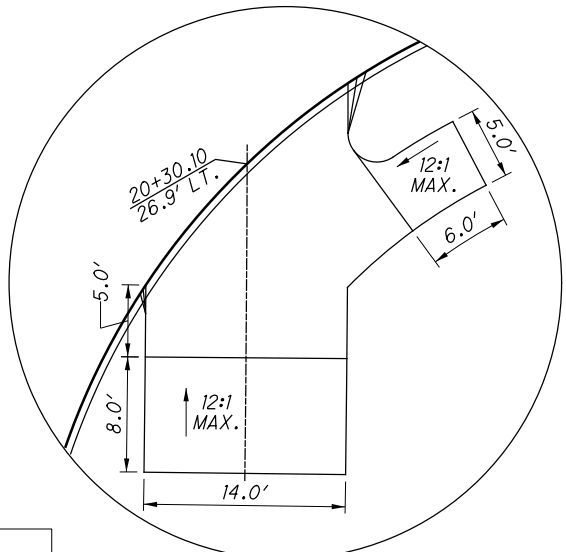
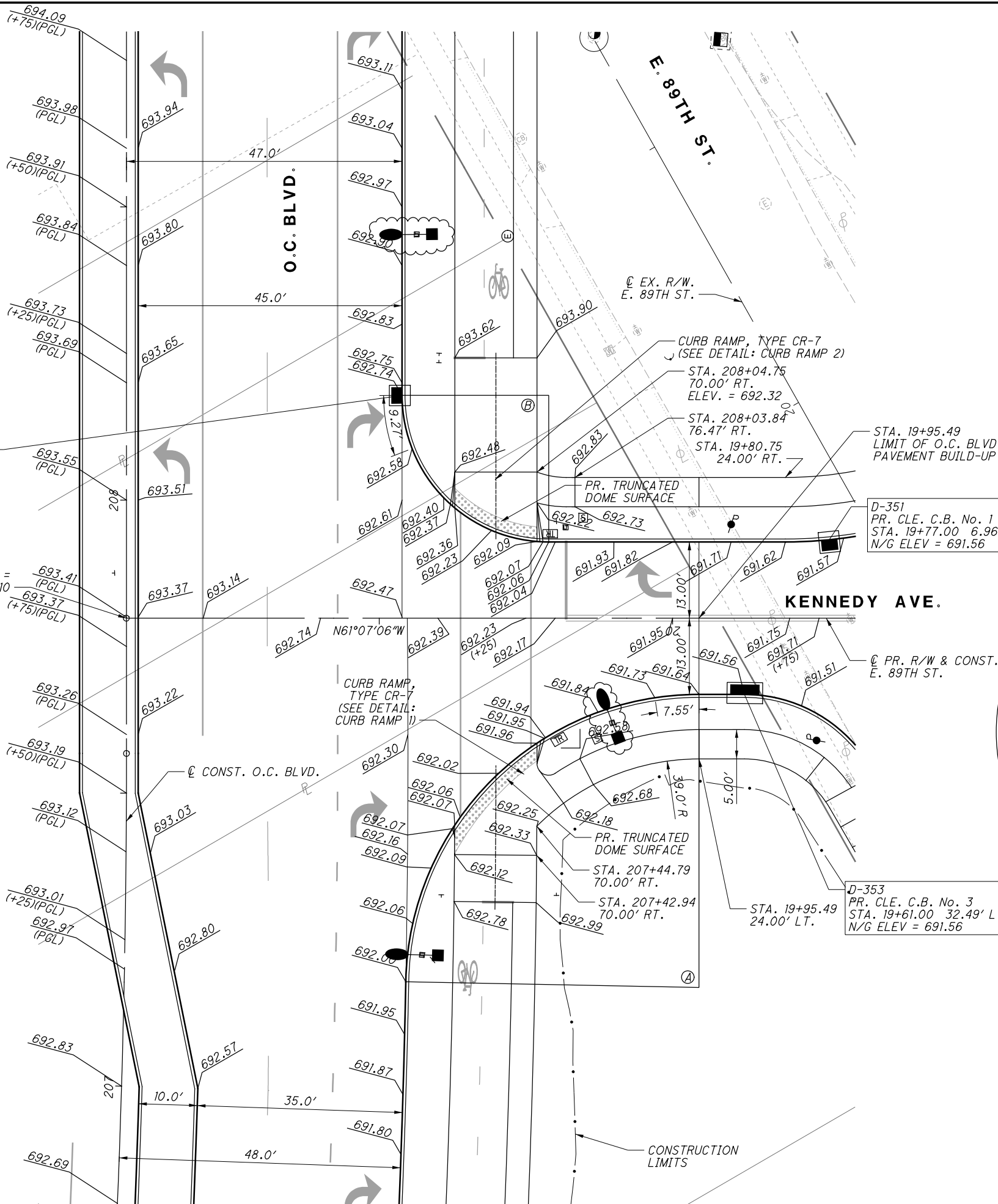
CURVE LETTER	RADIUS	INTERIOR ANGLE	LENGTH OF CURVE
A	50.00	88.87°	77.55
B	25.00	90.00°	39.27

ALL DISTANCES ARE MEASURED  
TO THE FACE OF CURB

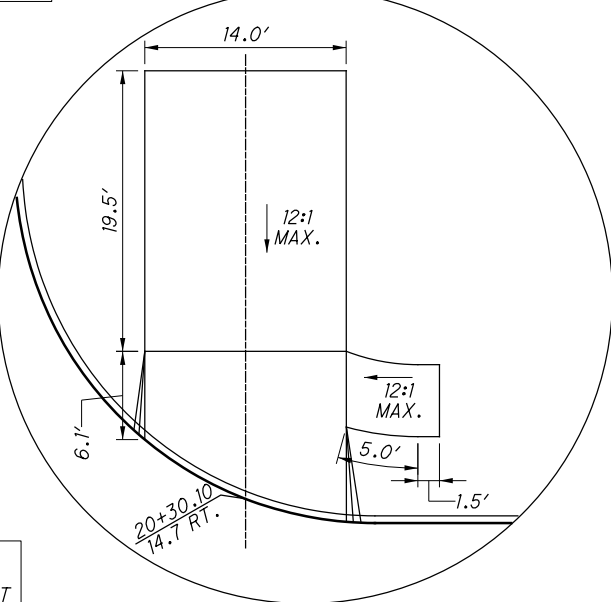
- ④ CONST. O.C. BLVD. STA. 207+18.79, 98.00' RT  
④ PR. R/W & CONST. E. 89TH ST. STA. 19+95.49, 63.00' LT  
④ CONST. O.C. BLVD. STA. 208+17.84, 72.00' RT  
④ PR. R/W & CONST. E. 89TH ST. STA. 20+21.10, 38.00' RT

D-318  
PR. CLE. C.B. No. 1  
STA. 208+18.00 47.00' RT  
N/G ELEV = 692.74

④ PR. CONST. O.C. BLVD. STA. 207+79.85 =  
④ PR. R/W & CONST. E. 89TH ST. STA. 20+93.10



DETAIL: CURB RAMP 1



DETAIL: CURB RAMP 2

NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RF
ISSUE RECORD		

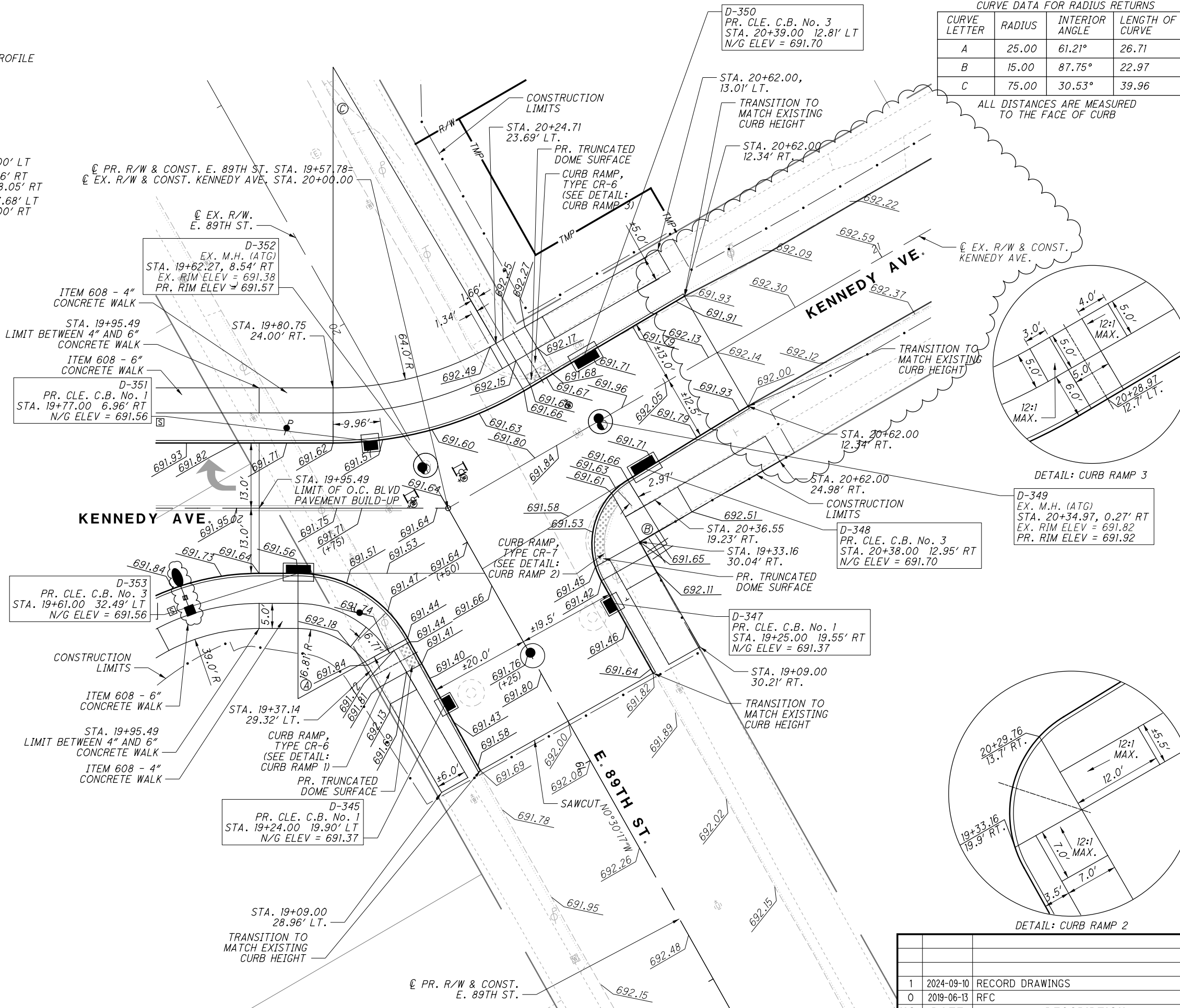
NOTES:

FOR CONST. O.C. BLVD. PLAN AND PROFILE  
SEE SHEETS 63 TO 66

FOR PR. R/W & CONST. E. 89TH ST. AND  
EX. R/W & CONST. KENNEDY AVE. PLAN AND PROFILE  
SEE SHEETS 115 AND 116

ALL DIMENSIONS ARE 10.0' INTERVALS  
UNLESS NOTED OTHERWISE

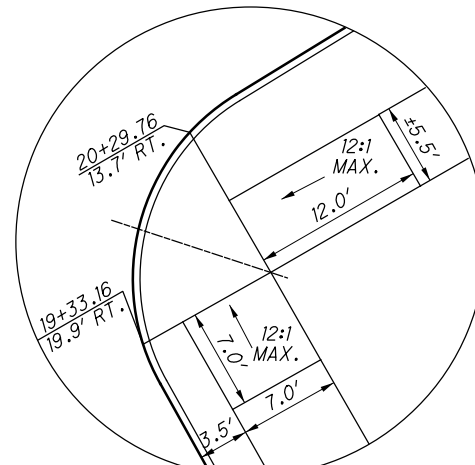
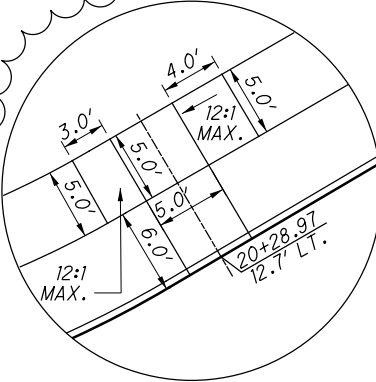
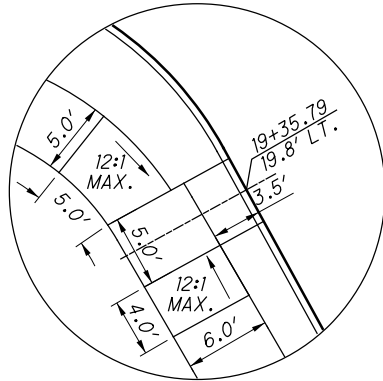
- Ⓐ CONST. O.C. BLVD. STA. 207+42.62, 105.40' RT  
PR. R/W & CONST. E. 89TH ST. STA. 19+87.75, 38.00' LT  
Ⓑ PR. R/W & CONST. E. 89TH ST. STA. 19+30.12, 34.56' RT  
EX. R/W & CONST. KENNEDY AVE. STA. 20+34.25, 28.05' RT  
Ⓒ EX. R/W & CONST. KENNEDY AVE. STA. 20+24.15, 87.68' LT  
EX. R/W & CONST. E. 89TH ST. STA. 19+80.75, 88.00' RT



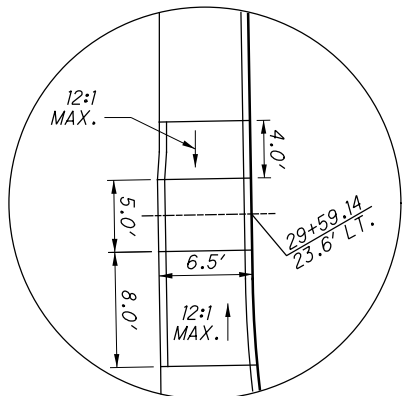
CURVE DATA FOR RADIUS RETURNS

CURVE LETTER	RADIUS	INTERIOR ANGLE	LENGTH OF CURVE
A	25.00	61.21°	26.71
B	15.00	87.75°	22.97
C	75.00	30.53°	39.96

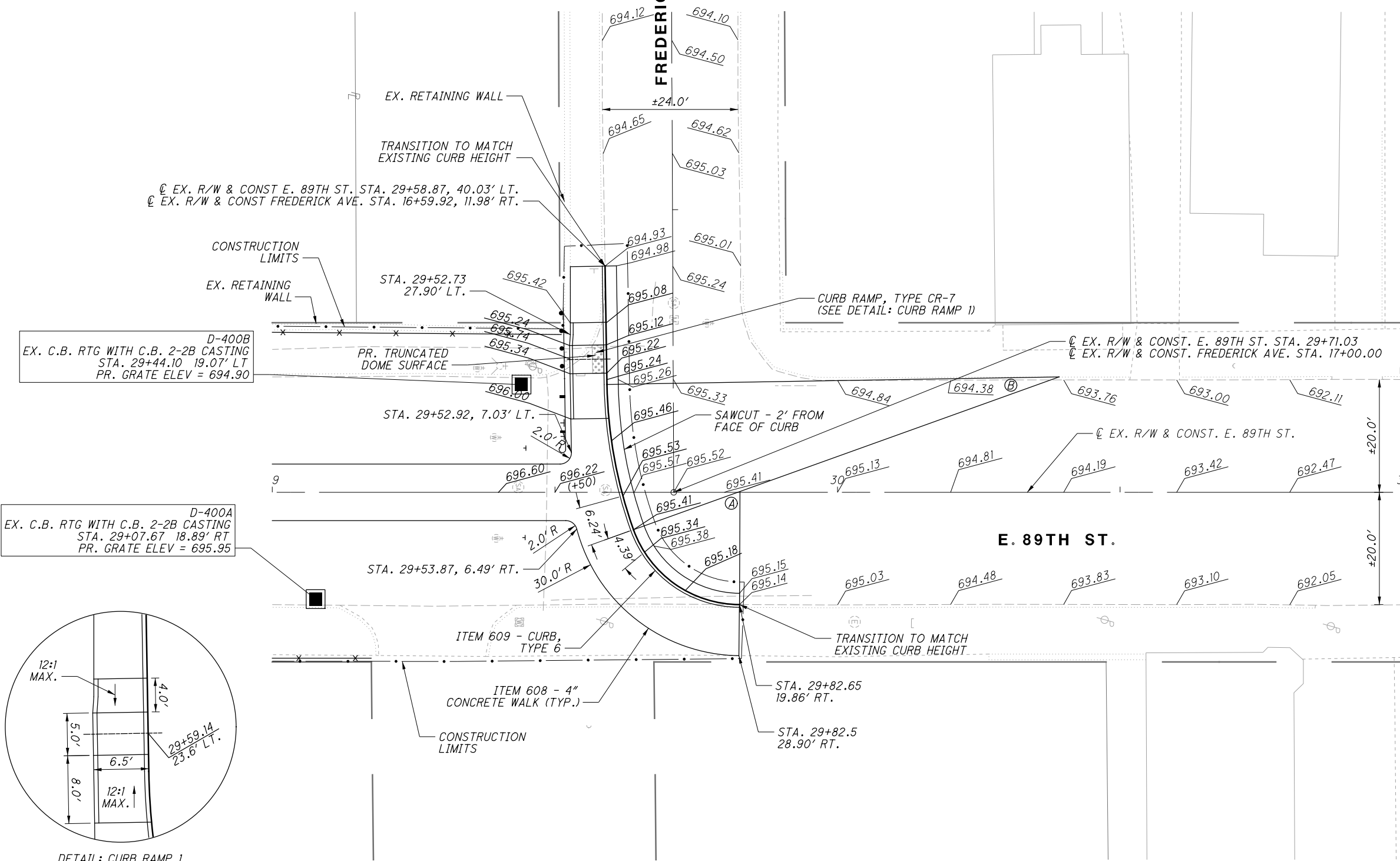
ALL DISTANCES ARE MEASURED TO THE FACE OF CURB



NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		



DETAIL: CURB RAMP 1



- Ⓐ  $\odot$  EX. R/W & CONST. E. 89TH ST. STA. 29+82.74, 0.14' LT  
 $\odot$  EX. R/W & CONST. FREDERICK AVE. ST. STA. 16+99.91, 11.71' LT
- Ⓑ  $\odot$  EX. R/W & CONST. E. 89TH ST. STA. 30+39.21, 20.42' LT  
 $\odot$  EX. R/W & CONST. FREDERICK AVE. ST. STA. 16+79.89, 68.27' LT

CURVE DATA FOR RADIUS RETURNS			
CURVE LETTER	RADIUS	INTERIOR ANGLE	LENGTH OF CURVE
A	20.00	70.00°	24.44
B	80.00	18.79°	26.24

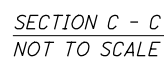
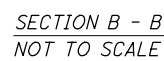
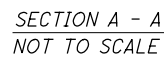
ALL DISTANCES ARE MEASURED TO THE FACE OF CURB

NOTES:

ALL DIMENSIONS ARE 10.0' INTERVALS  
UNLESS NOTED OTHERWISE

NO.	DATE	DESCRIPTION
0	2019-06-13	RFC
ISSUE RECORD		





① ITEM 441 - 1-1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22  
ITEM 407 - NON-TRACKING TACK COAT  
ITEM 441 - 1-3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), PG64-22  
ITEM 304 - 8" AGGREGATE BASE

③ ITEM 441 - 1-1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22 (DRIVEWAYS)  
ITEM 407 - NON-TRACKING TACK COAT  
ITEM 301 - 3-1/2" ASPHALT CONCRETE BASE, PG64-22

④ ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1

DRIVEWAY PAVEMENT TYPE SHALL MATCH THAT OF  
EXISTING ABUTTING DRIVEWAY

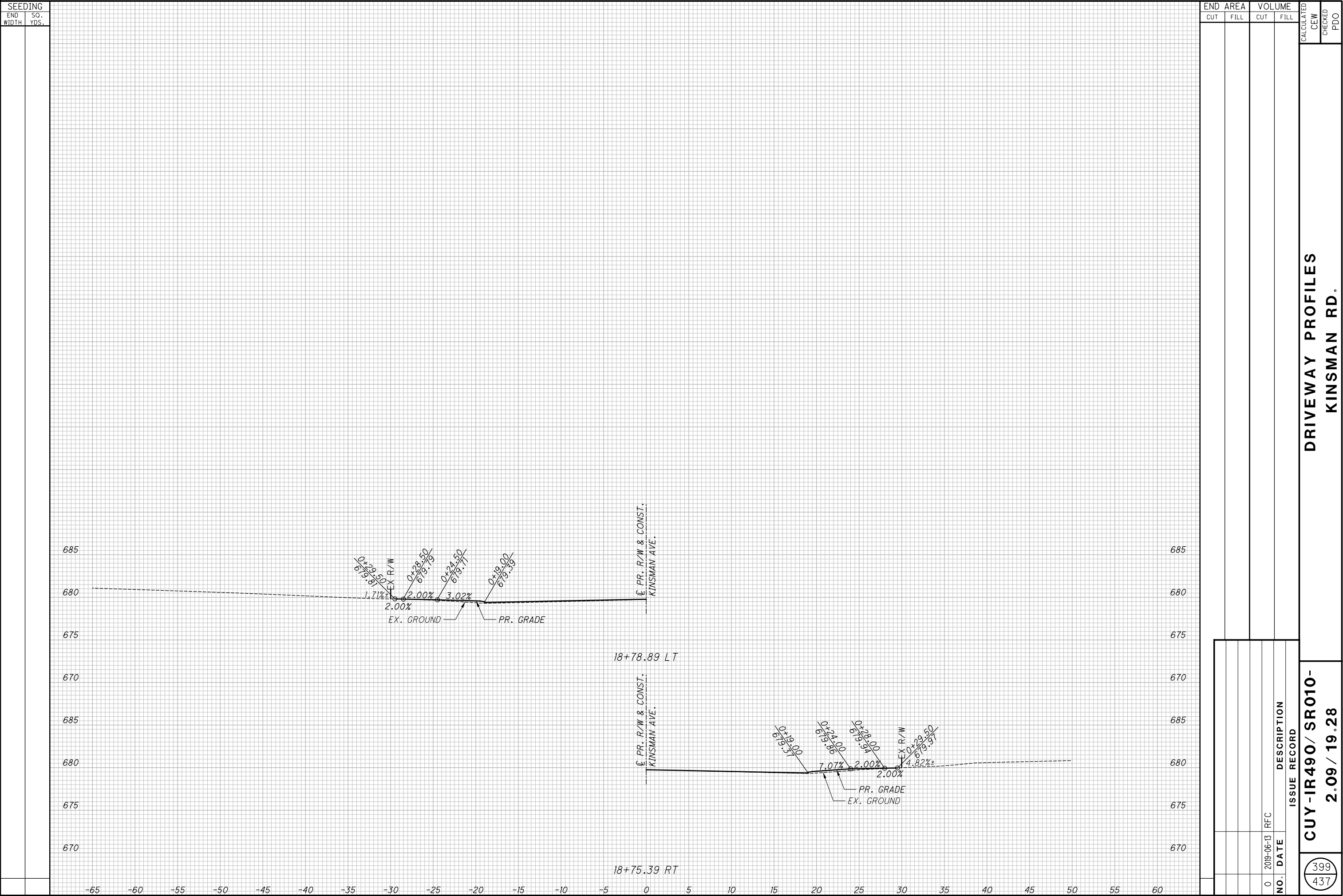
ALL DRIVE APRONS, INCLUDING SIDEWALK CROSSINGS,  
SHALL BE CONCRETE

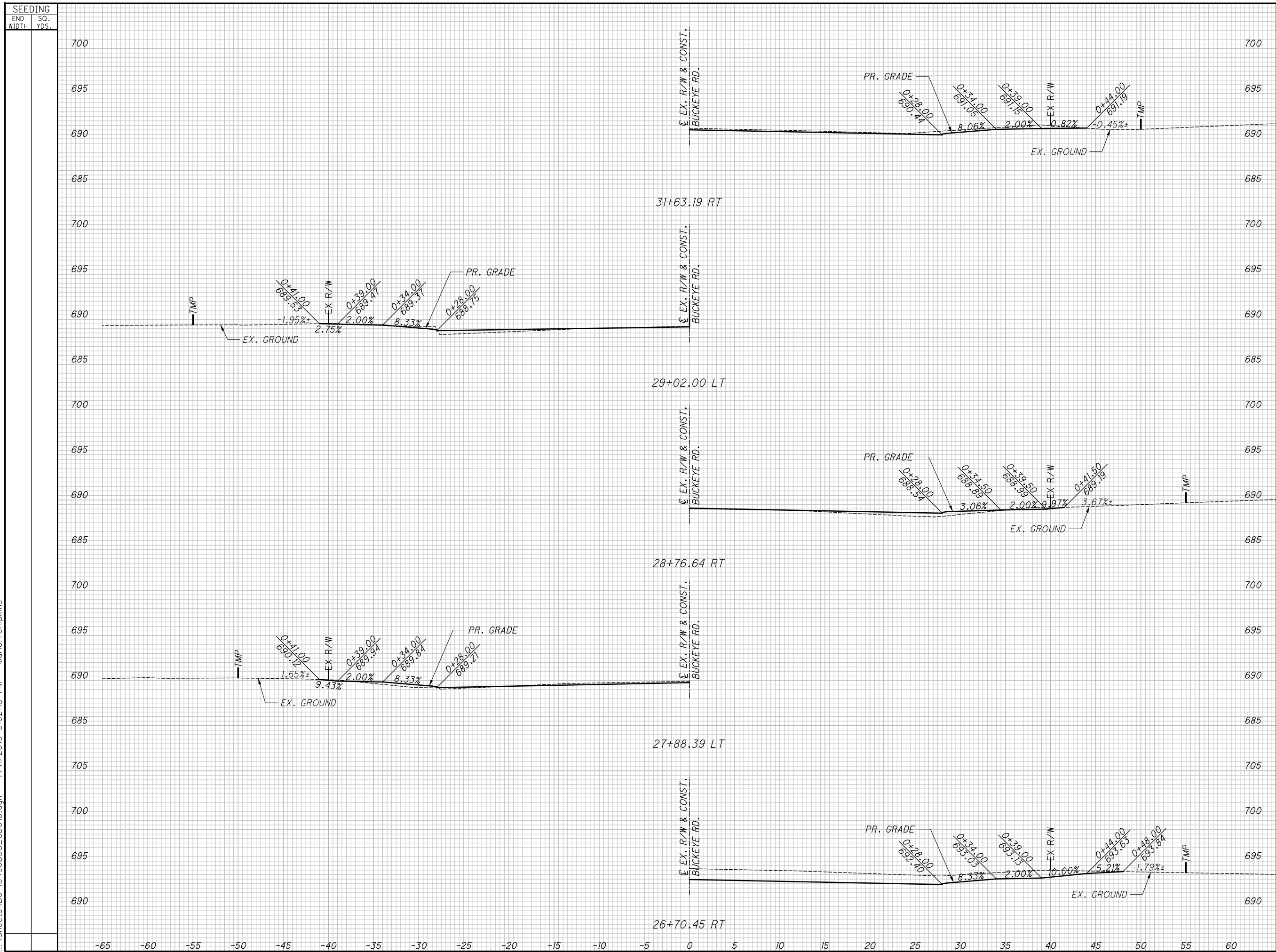
396  
437

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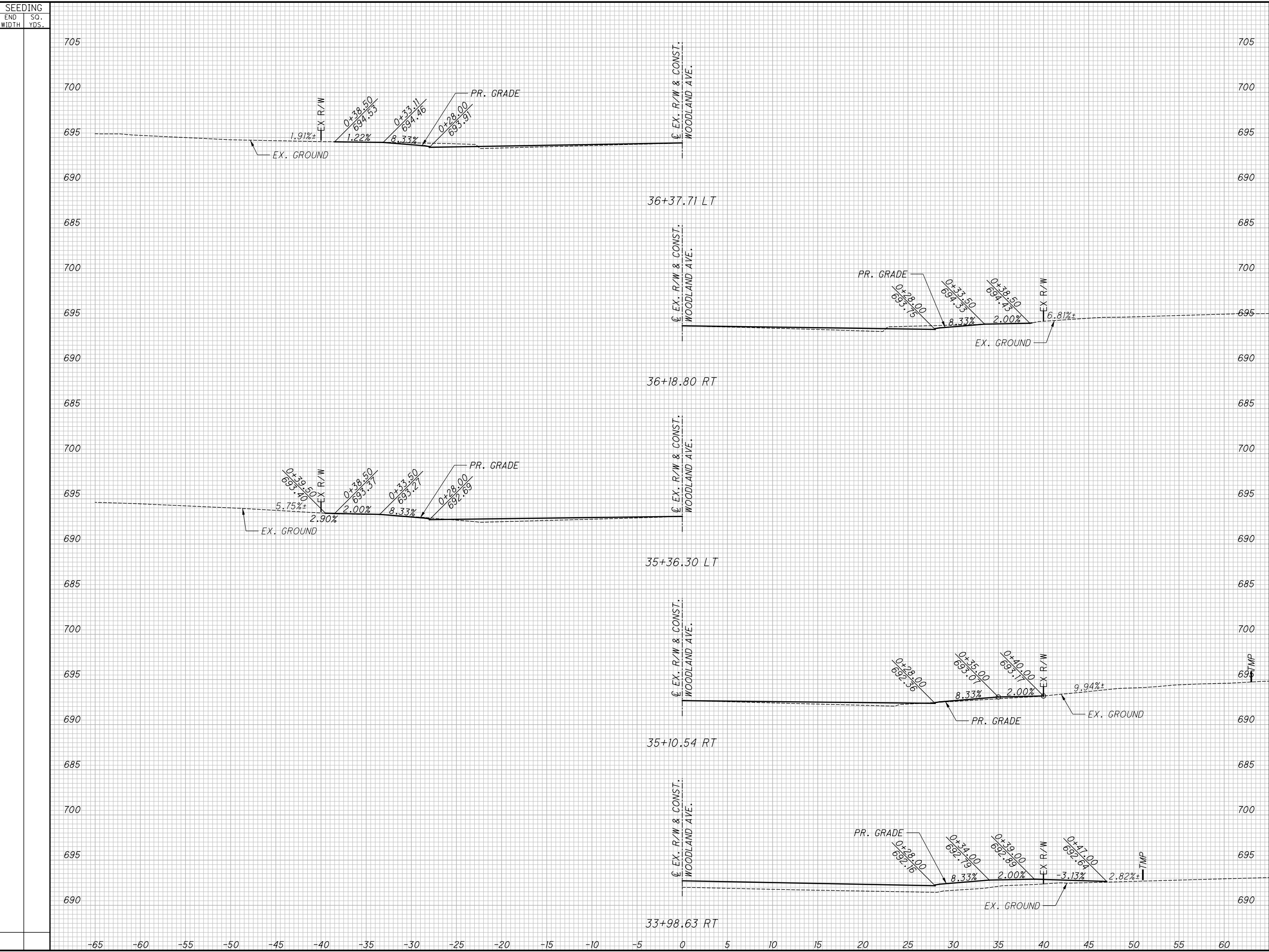
## RECORD PLANS





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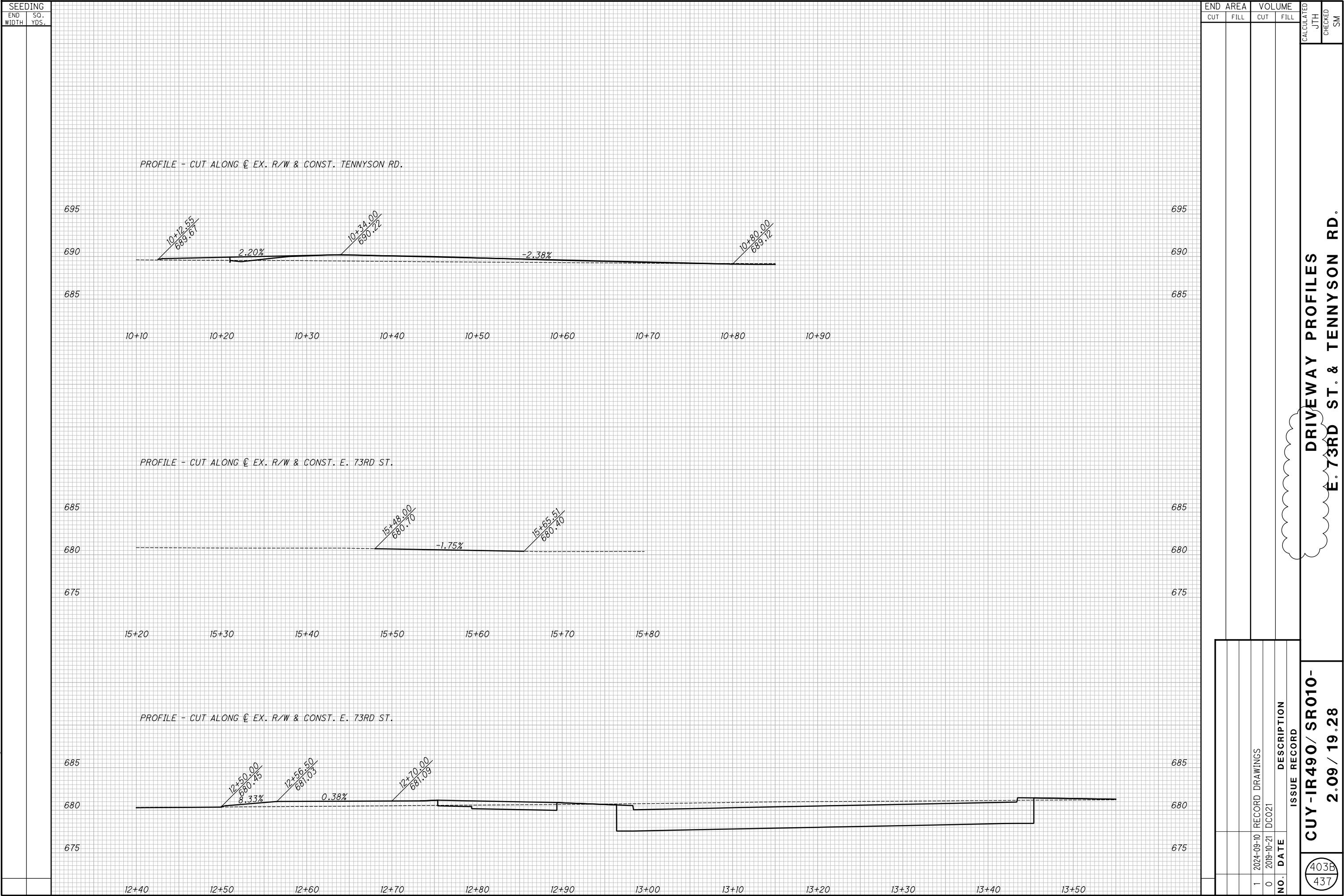
**DRIVEWAY PROFILES**  
**BUCKEYE RD.**



END		AREA		VOLUME		CALCULATED	
CUT		FILL		CUT		CEW	
						CHECKED	
						PDO	
				<div> <div>DRIVEWAY PROFILES</div> <div>WOODLAND AVE.</div> </div>			
						<div> <div>CUY-IR490 / SR010-</div> <div>2.09 / 19.28</div> </div>	
						<div> <div>402</div> <div>437</div> </div>	
						<div> <div>ISSUE RECORD</div> </div>	
						<div> <div>NO.</div> <div>DATE</div> <div>DESCRIPTION</div> </div>	
						<div> <div>0</div> <div>2019-06-13</div> <div>RFC</div> </div>	

[illegible]

**DRIVEWAY PROFILES**  
**O.C. BLVD.**



DRIVEWAY PROFILES  
E. 73RD ST. & TENNYSON RD.

CUY-IR490/ SR010-  
2.09 / 19.28

403B  
437

RECORD PLANS

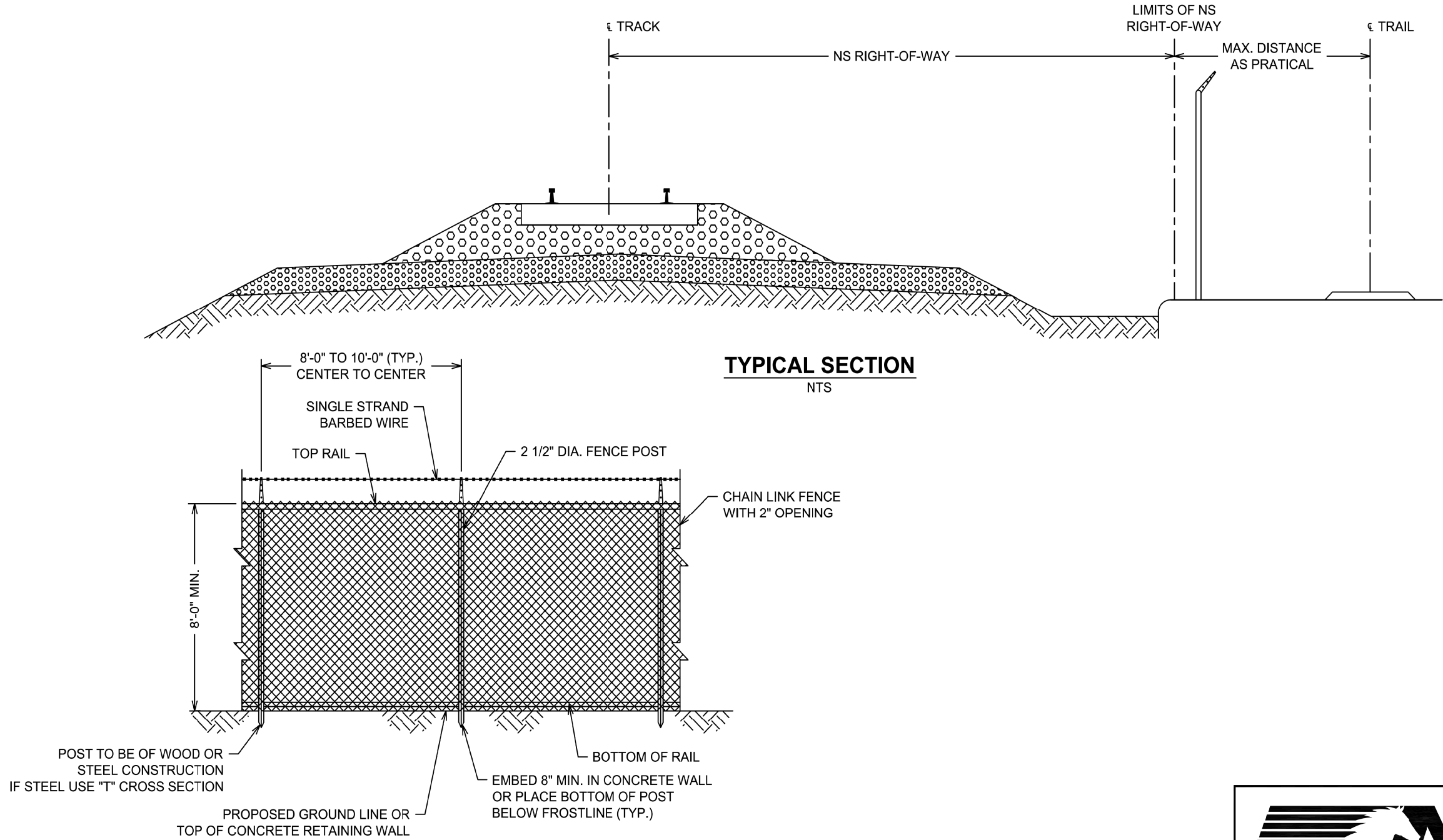
RECORD PLANS

RECORD PLANS

**DRIVEWAY PROFILES**  
O.C. BLVD.



Filename: \\USPHL1\FP001\PM\6248\400 - TECHNICAL\433 - PUBLIC PROJECTS MANUAL\STANDARD DRAWINGS\21 RIGHT-OF-WAY FENCING DETAILS.DWG



**CHAIN LINK**  
**FENCE ELEVATION**  
NTS

[illegible]

**PUBLIC PROJECTS MANUAL  
TYPICAL DRAWINGS**

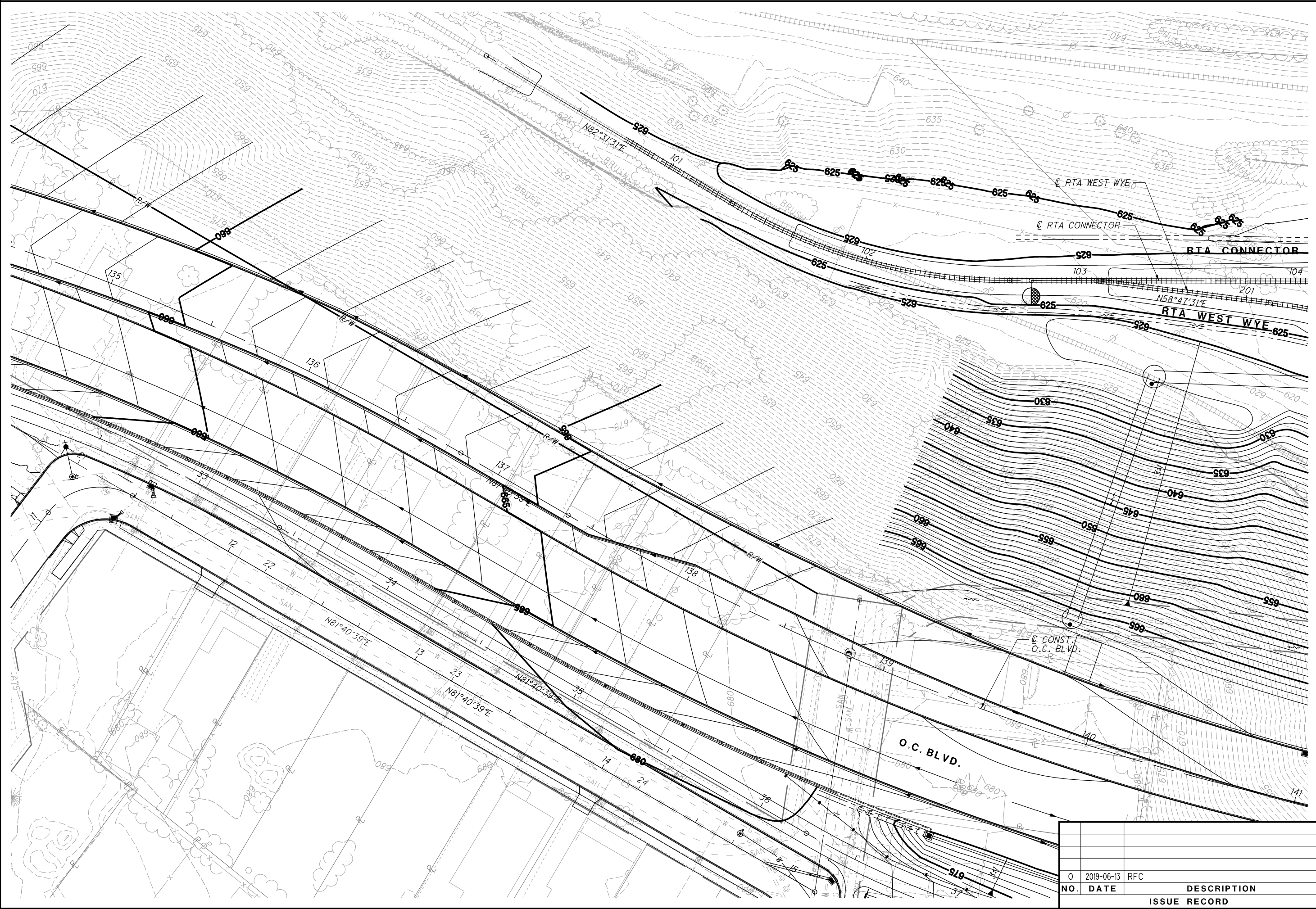
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REF. NO.:	N/A
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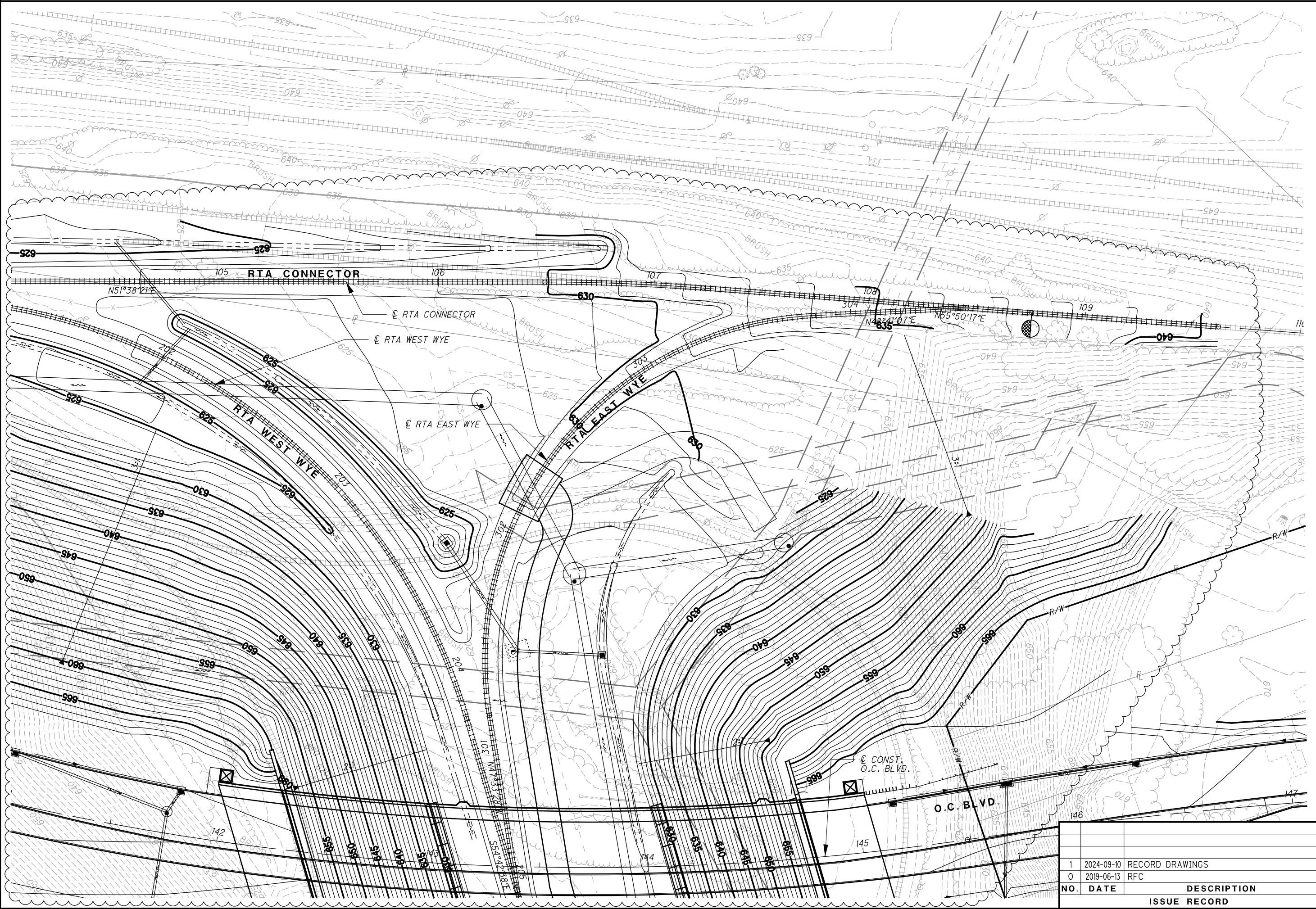
DRAWING NO.:	21
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FOR ADDITIONAL NS RIGHT-OF-WAY  
FENCE INFORMATION, SEE BU-22A

0	2019-06-13	RFC
<b>NO.</b>	<b>DATE</b>	<b>DESCRIPTION</b>
<b>ISSUE RECORD</b>		

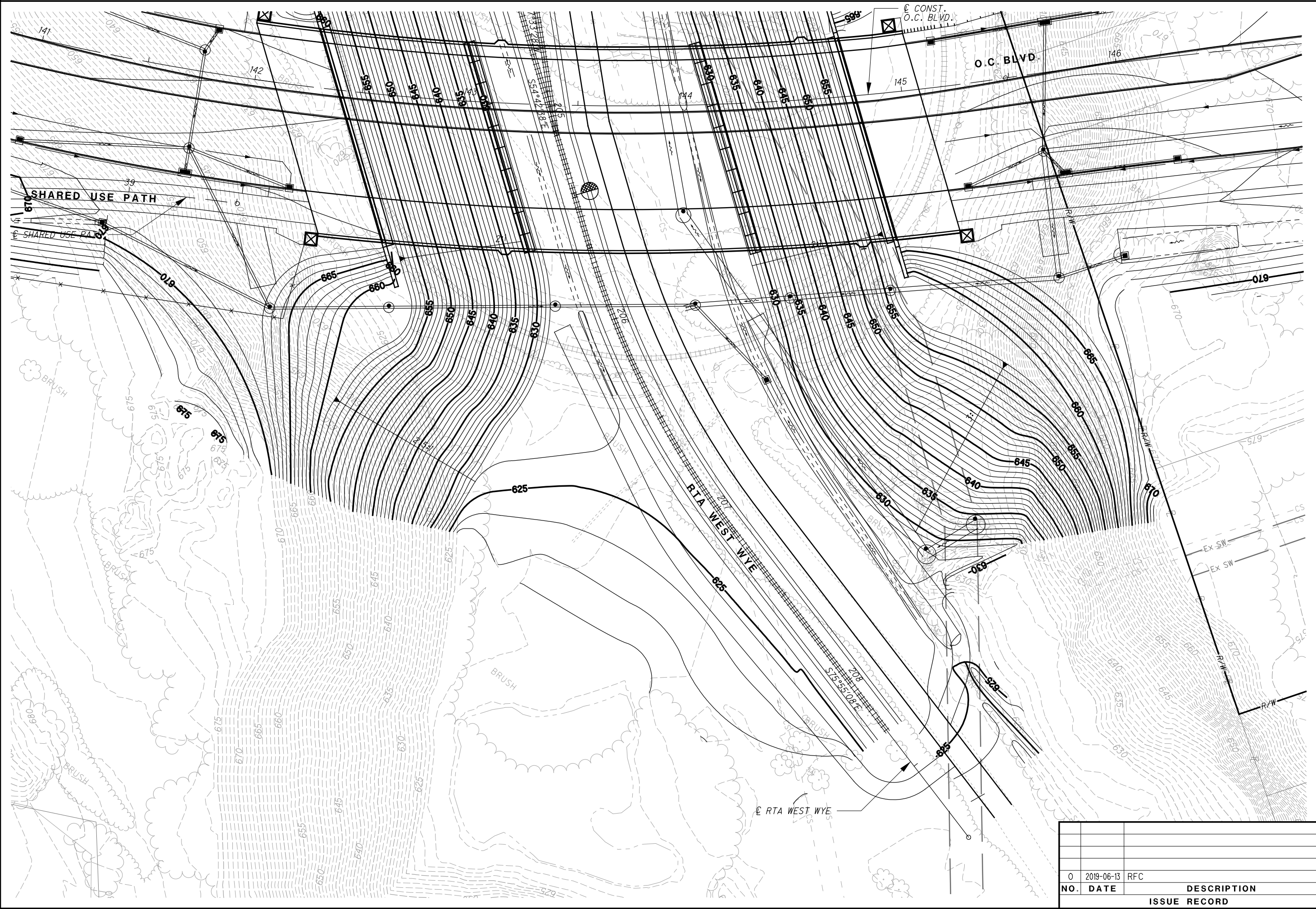


ISSUE RECORD		
NO.	DATE	DESCRIPTION
0	2019-06-13	RFC

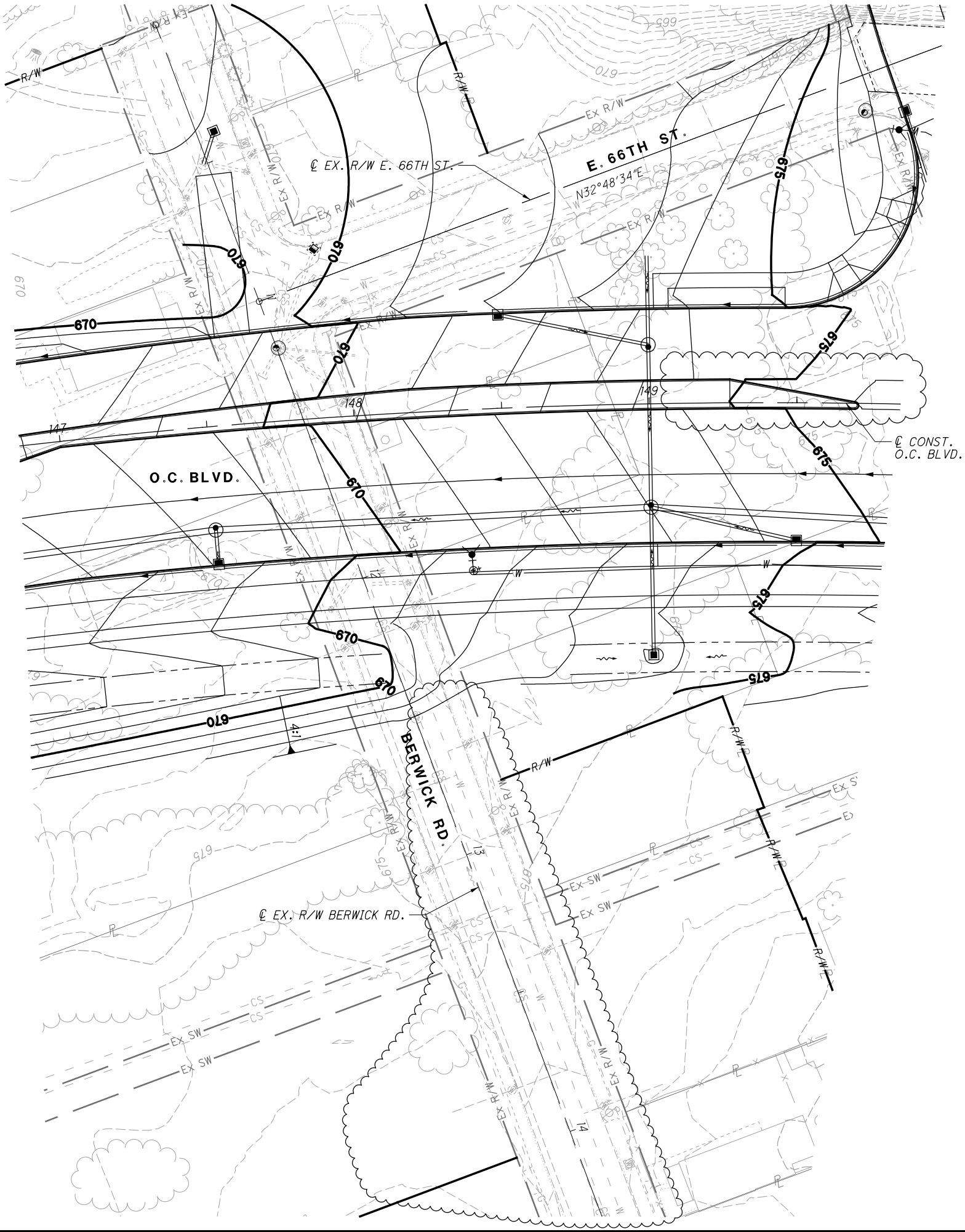


NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC

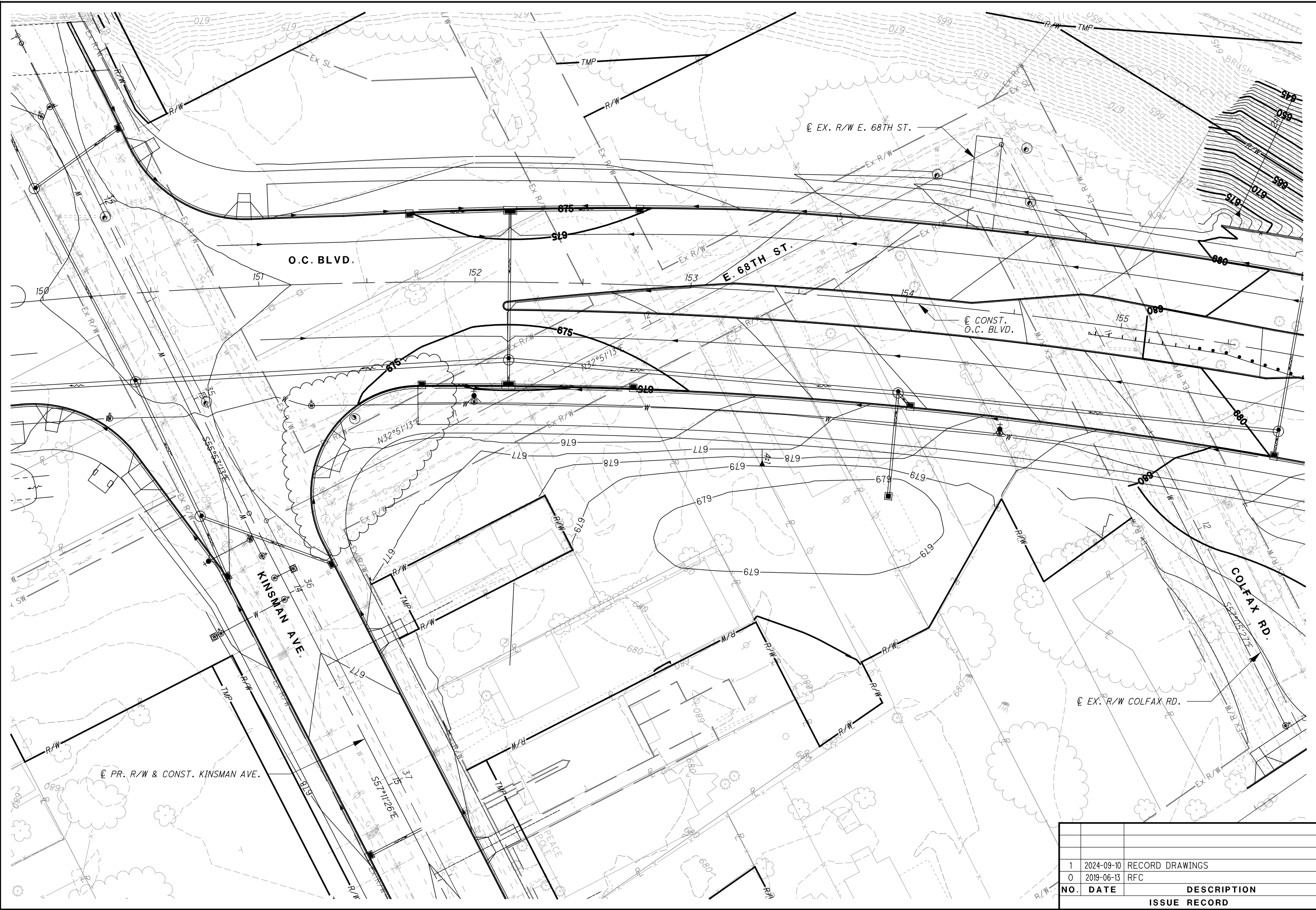




NO.	DATE	DESCRIPTION
0	2019-06-13	RFC
ISSUE RECORD		

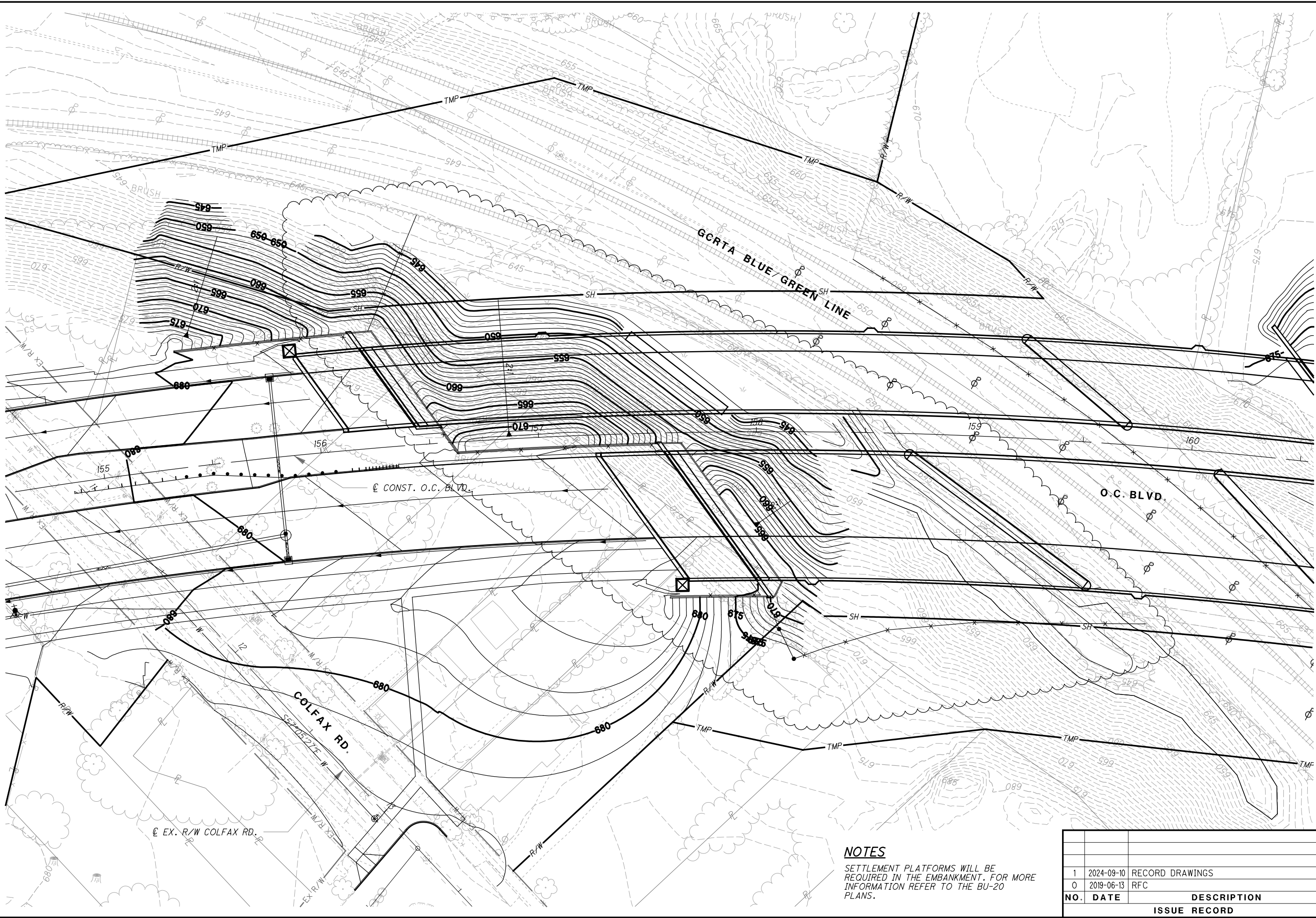


NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		



NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		



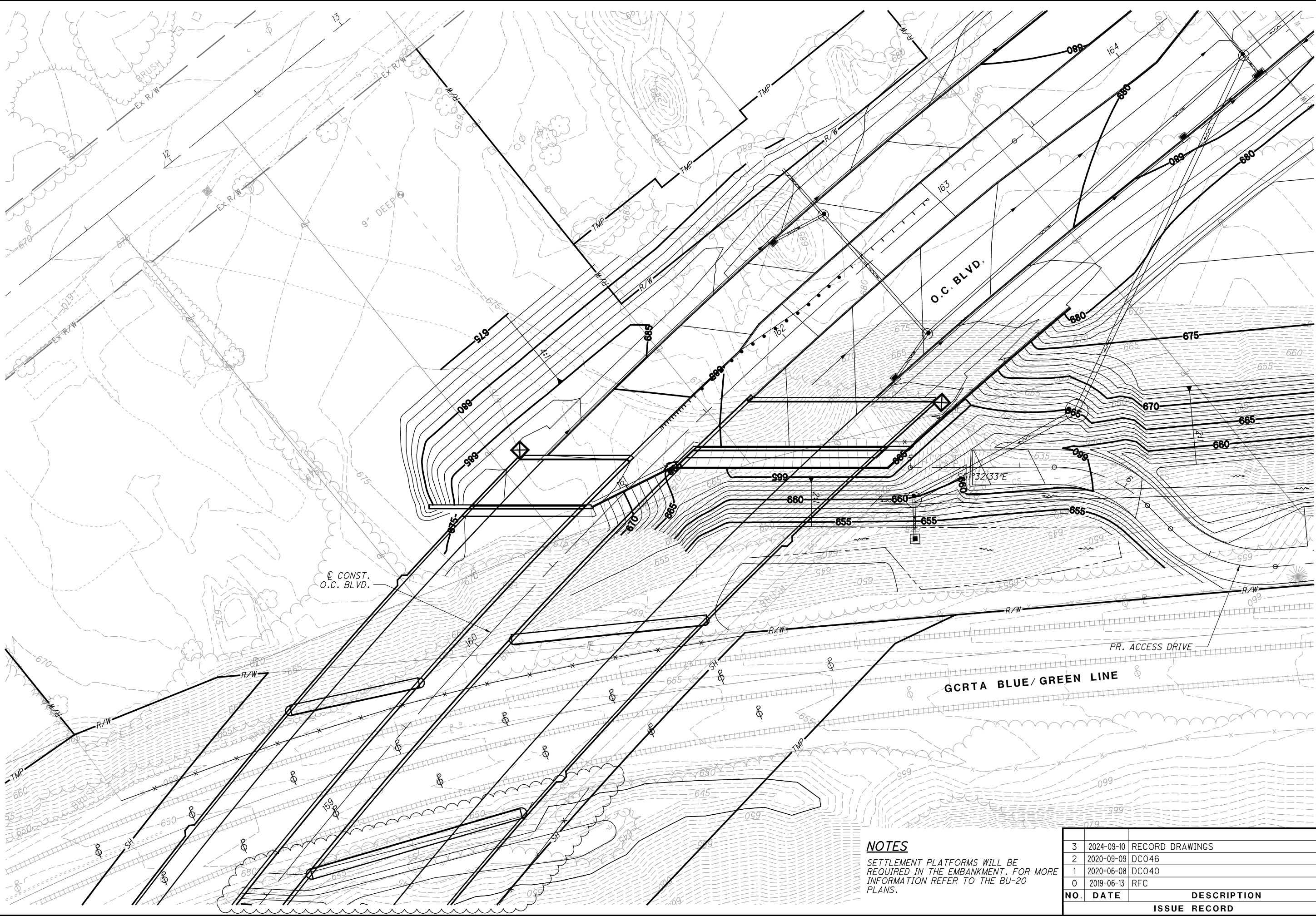


NOTES

SETTLEMENT PLATFORMS WILL BE REQUIRED IN THE EMBANKMENT. FOR MORE INFORMATION REFER TO THE BU-20 PLANS.

NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC
ISSUE RECORD		



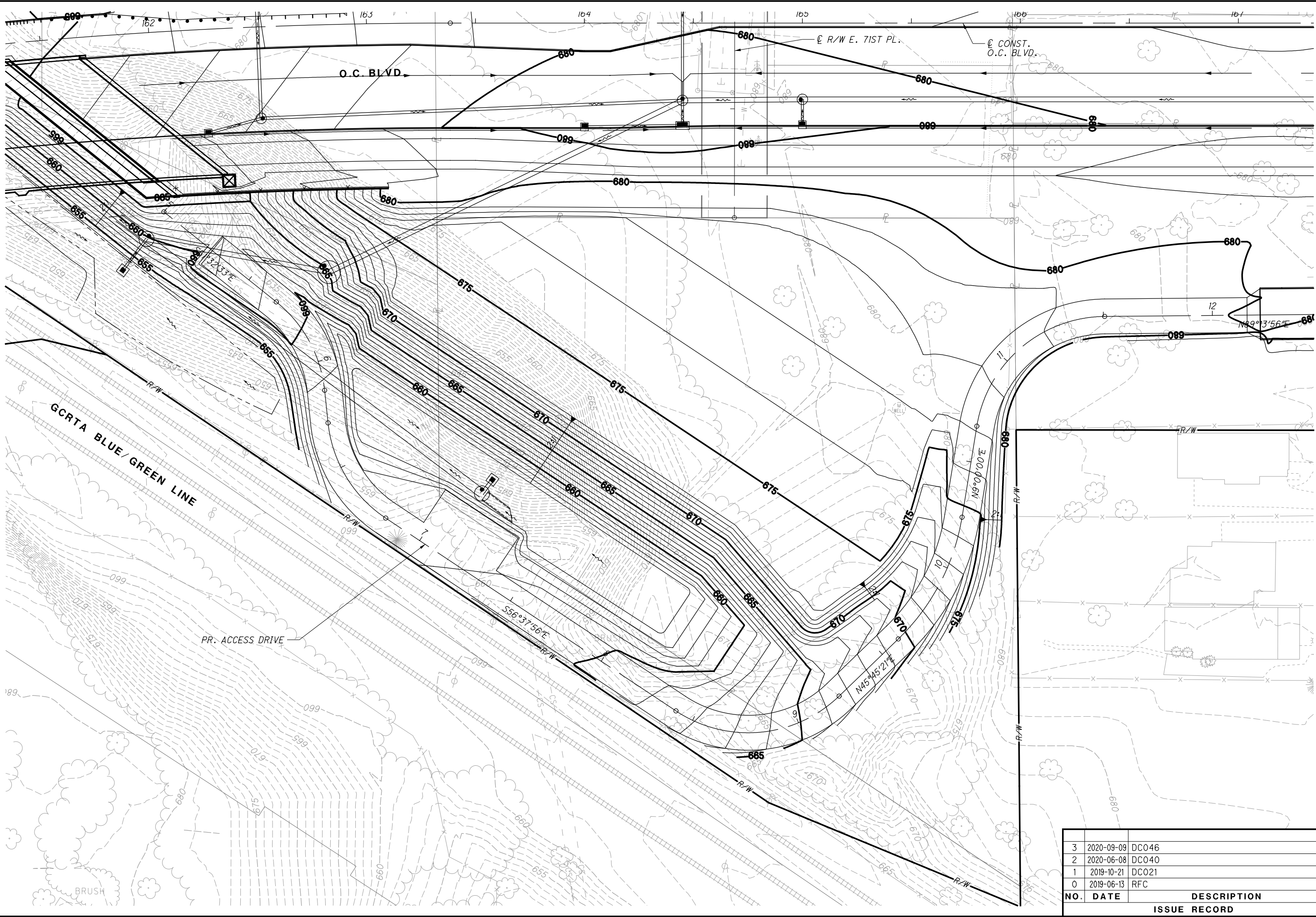


**NOTES**

SETTLEMENT PLATFORMS WILL BE  
REQUIRED IN THE EMBANKMENT. FOR MORE  
INFORMATION REFER TO THE BU-20  
PLANS.

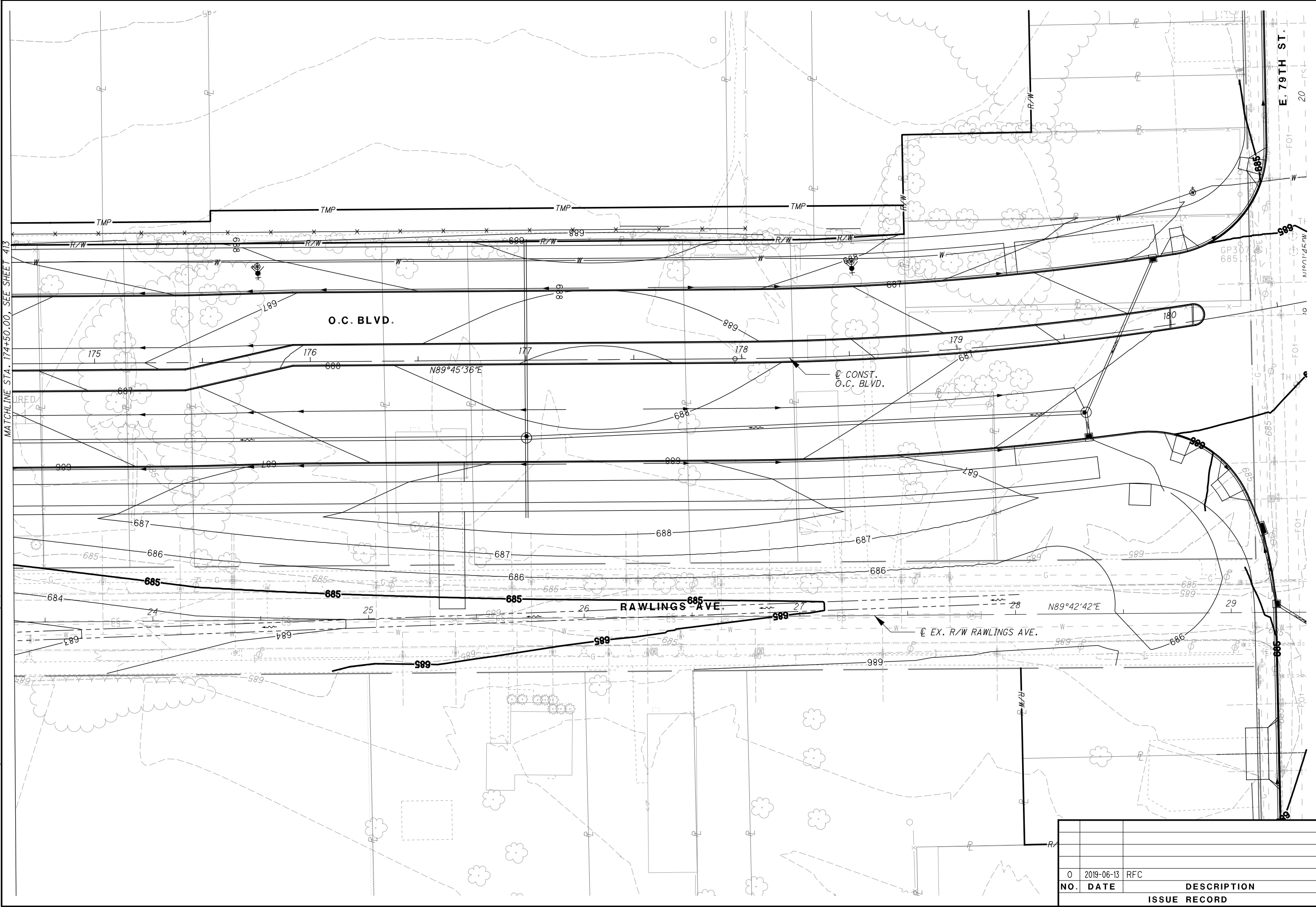
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3	2024-09-10	RECORD DRAWINGS
2	2020-09-09	DC046
1	2020-06-08	DC040
0	2019-06-13	RFC
ISSUE RECORD		





NO.	DATE	DESCRIPTION
3	2020-09-09	DC046
2	2020-06-08	DC040
1	2019-10-21	DC021
0	2019-06-13	RFC

[illegible]



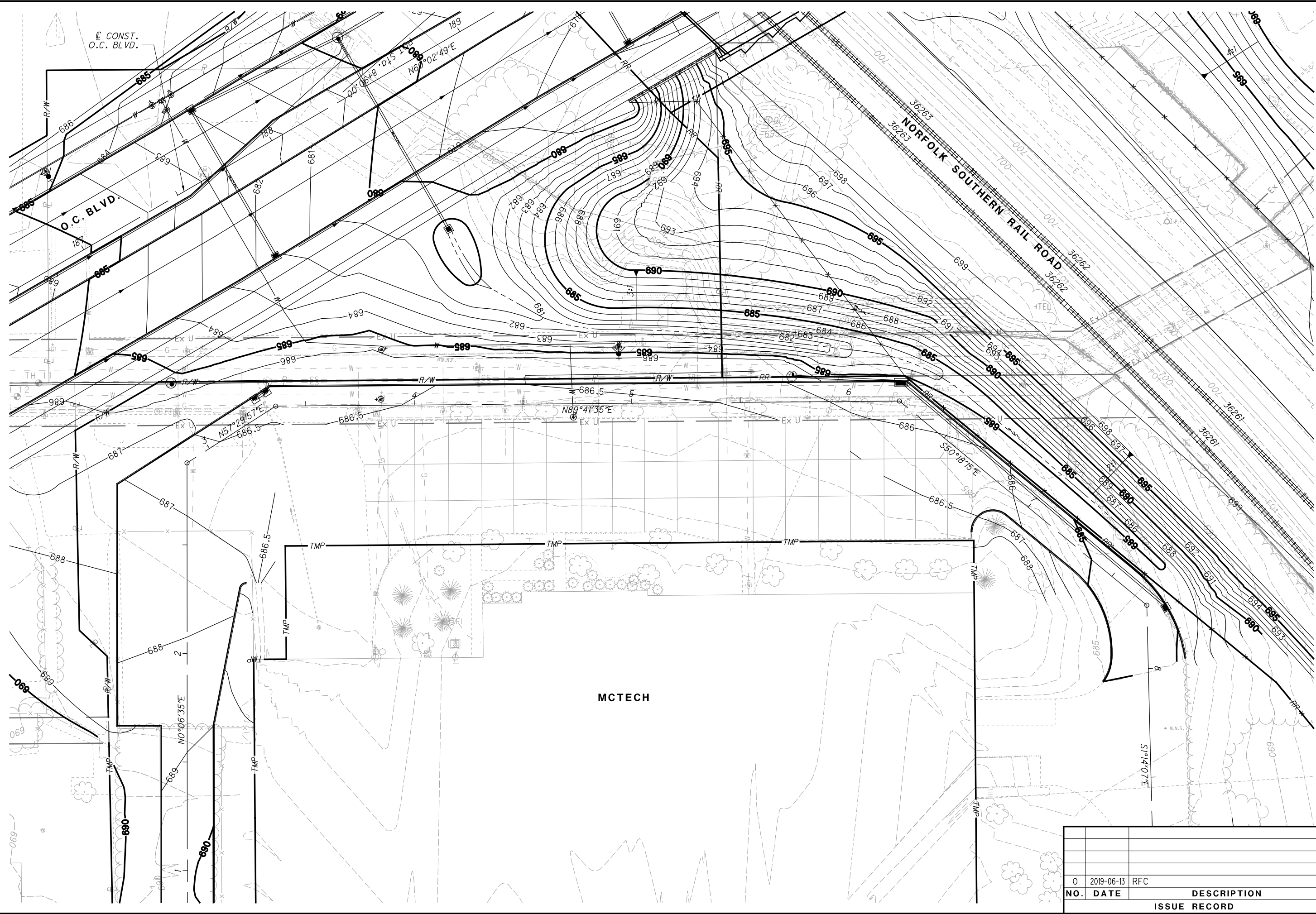
NO.			DATE		DESCRIPTION	
0			2019-06-13		RFC	
					ISSUE RECORD	





0	2019-06-13	RFC
<b>NO.</b>	<b>DATE</b>	<b>DESCRIPTION</b>
<b>ISSUE RECORD</b>		

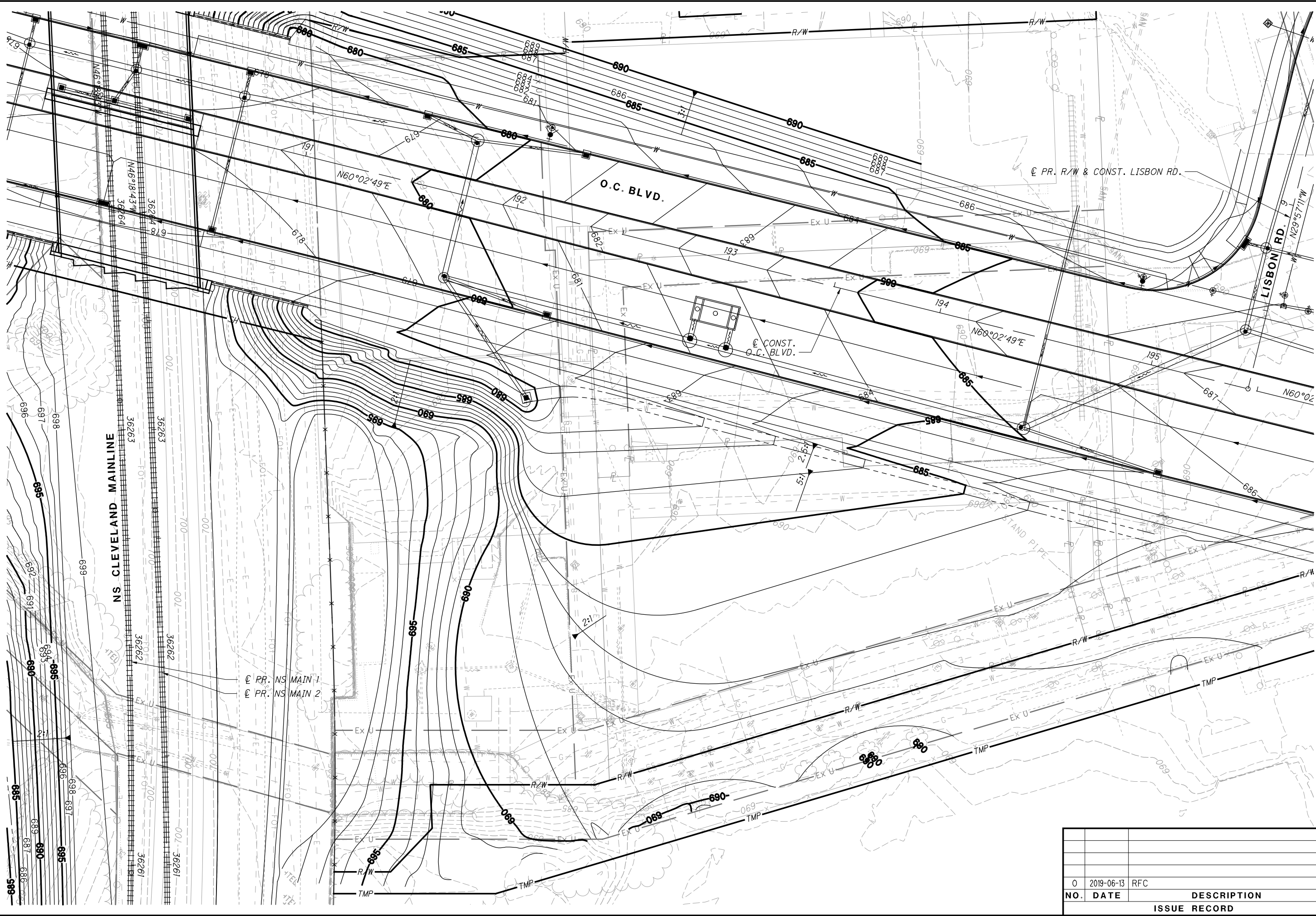




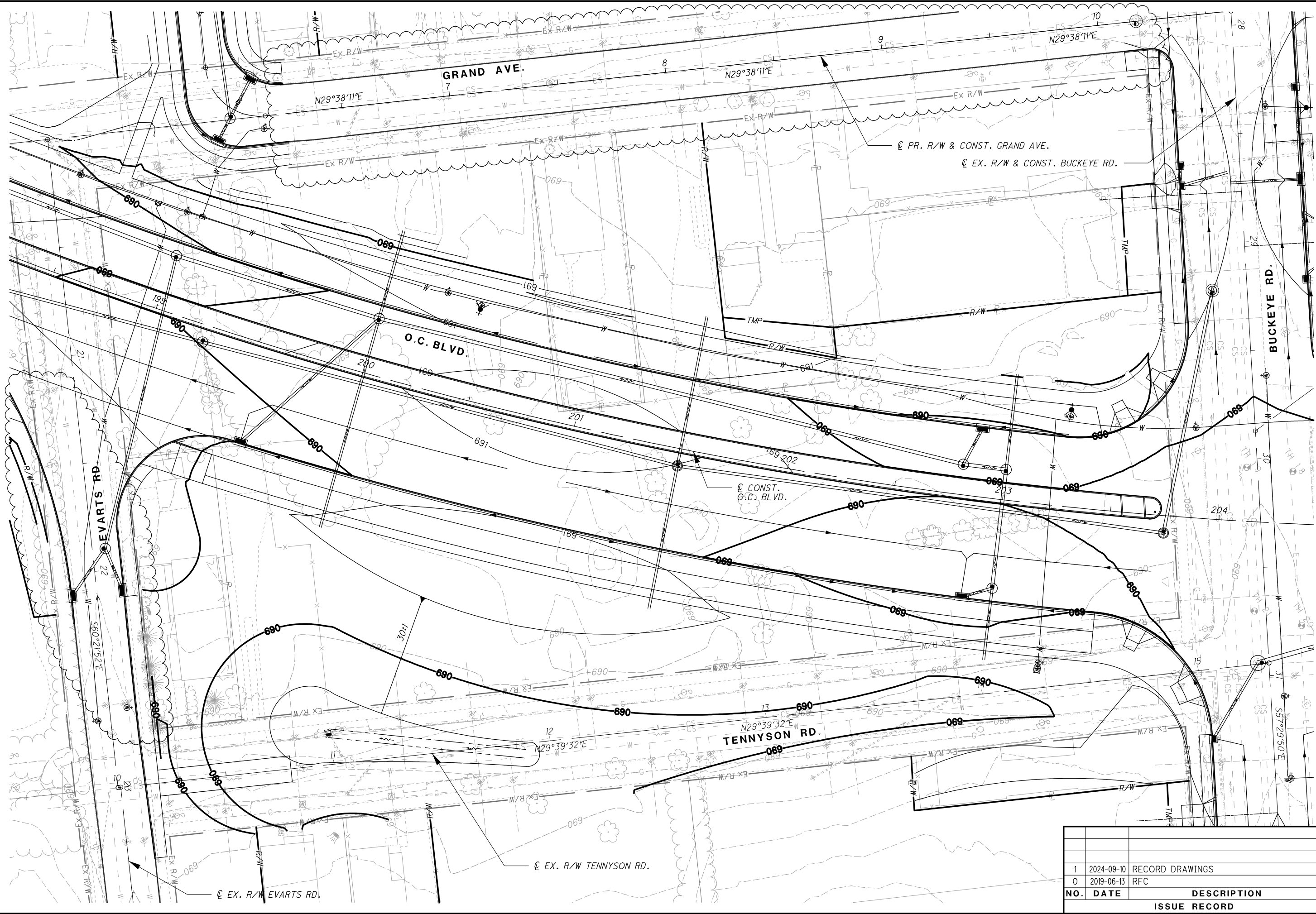
MCTECH

ISSUE RECORD		
NO.	DATE	DESCRIPTION
0	2019-06-13	RFC





NO.	DATE	DESCRIPTION
0	2019-06-13	RFC
ISSUE RECORD		



NO.	DATE	DESCRIPTION
1	2024-09-10	RECORD DRAWINGS
0	2019-06-13	RFC

CUY-IR490/ SR010-2.09 / 19.28

418  
437

GRADING PLAN - O.C. BLVD.  
BUCKEYE RD. INTERSECTION

RECORD PLANS

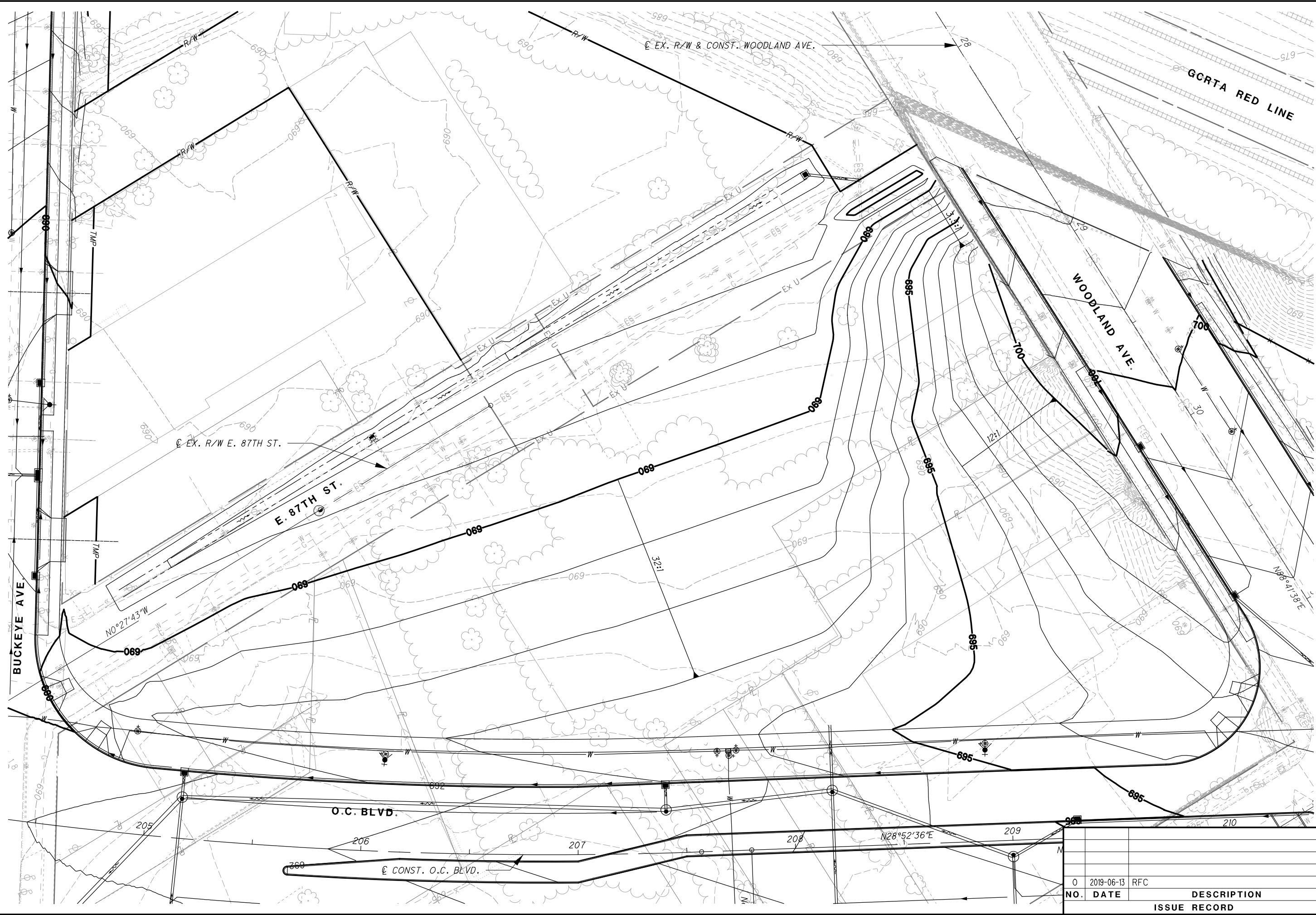
CALCULATED  
CEW

CHECKED  
PDO

0 10 20 40  
HORIZONTAL  
SCALE IN FEET

RECORD PLANS

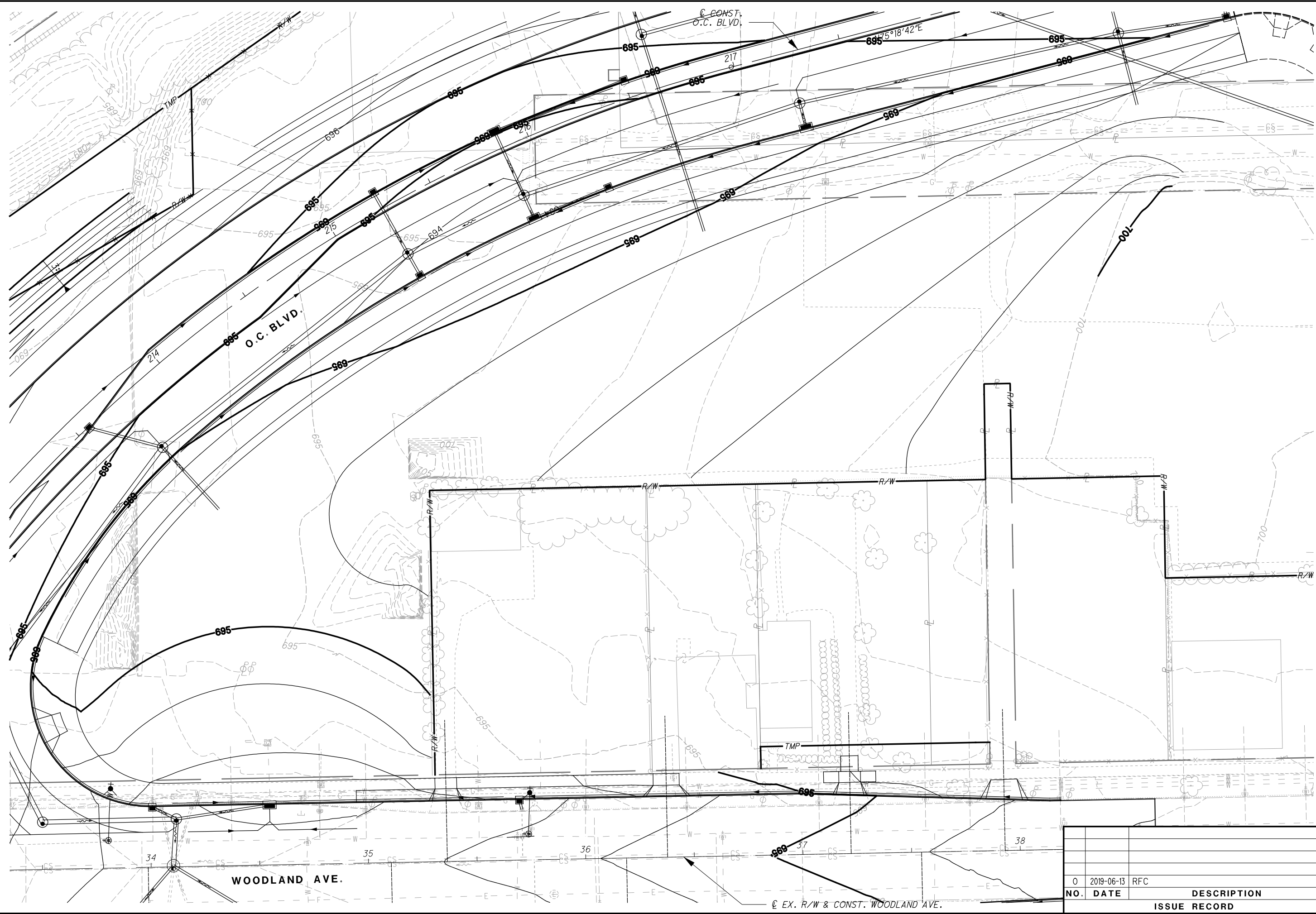




NO.	DATE	DESCRIPTION
0	2019-06-13	RFC
ISSUE RECORD		

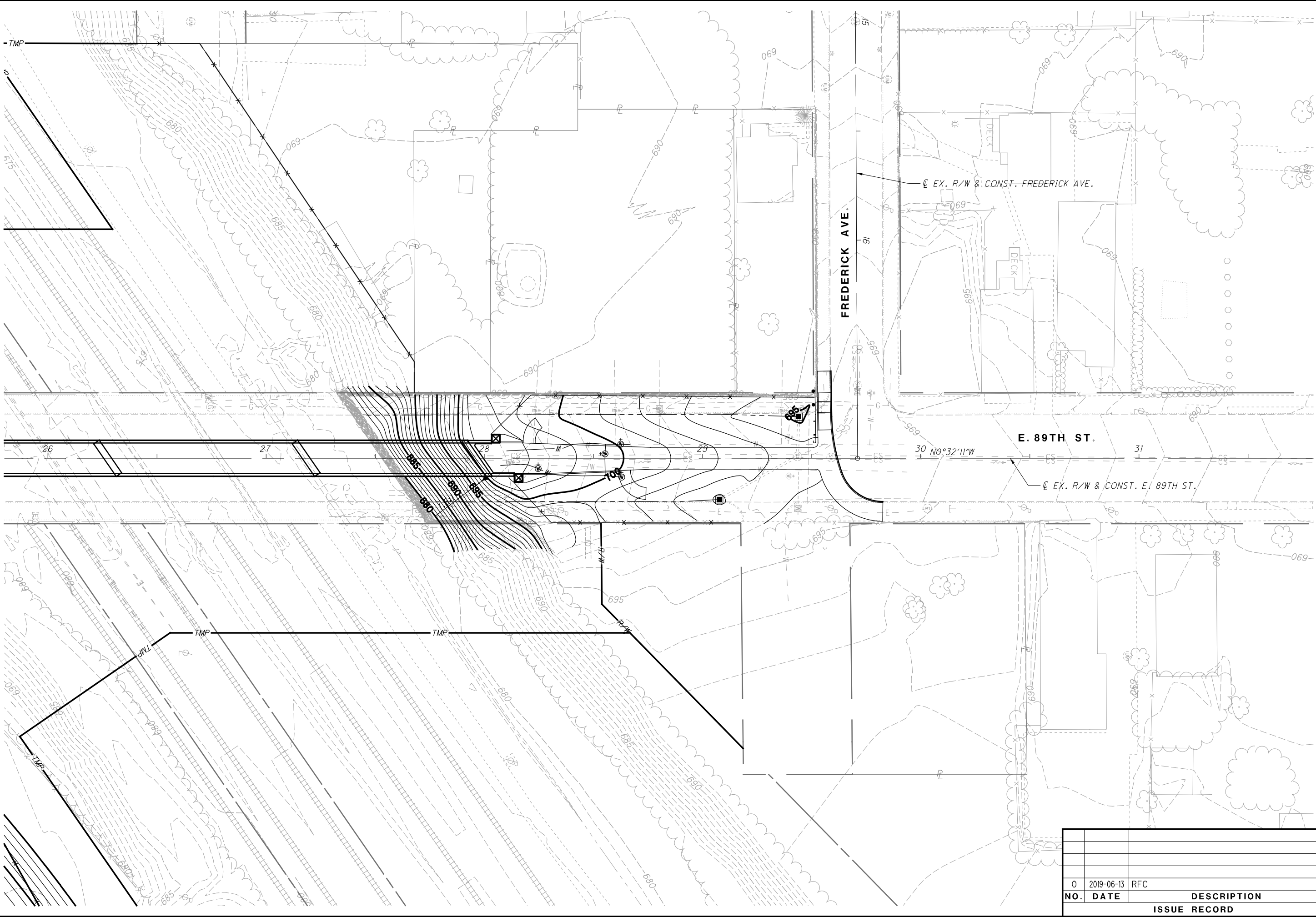






NO.	DATE	DESCRIPTION
0	2019-06-13	RFC

ISSUE RECORD		
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NO.	DATE	DESCRIPTION
0	2019-06-13	RFC
ISSUE RECORD		

CUY-IR490/ SR010-2.09 / 19.28

422  
437

GRADING PLAN - E. 89TH ST.  
FREDERICK AVE. INTERSECTION

RECORD PLANS

CALCULATED  
CEW

CHECKED  
PDO

0 20 40  
HORIZONTAL  
SCALE IN FEET

RECORD PLANS

BU-15 - ROADWAY & PAVEMENT - KINGSBURY RUN TO END PROJECT  
...:\Sheets\BU-15\968333\_RM003.dgn 7/11/2019 3:05:52 PM Maria.Tompkins

NOTE:  
PROPOSED R/W ON GCRTA AND CITY OF SHAKER  
HEIGHTS PARCELS IS APPROXIMATED FOR  
INFORMATIONAL PURPOSES ONLY. FUTURE R/W  
TO BE DETERMINED AT A LATER DATE.

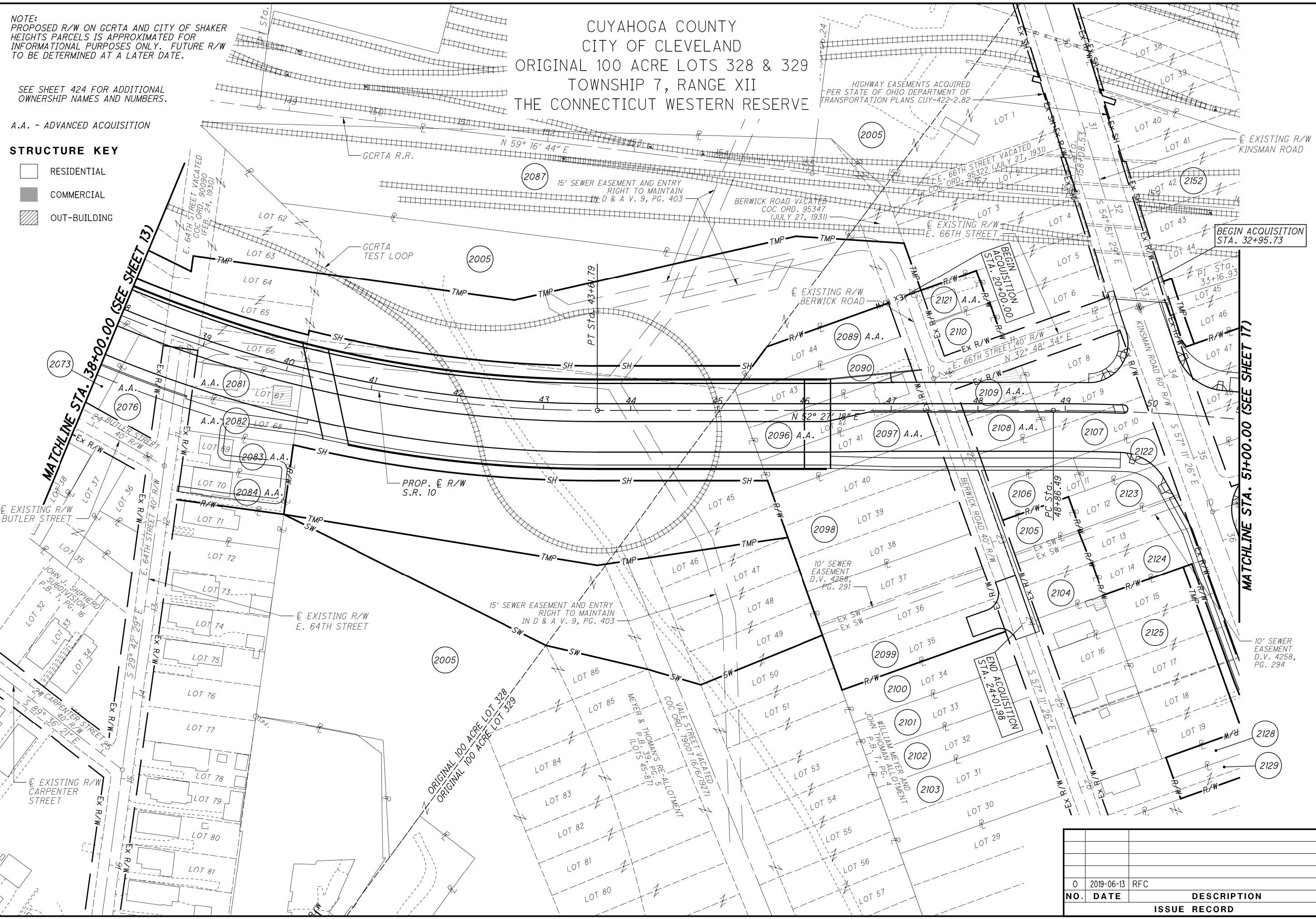
SEE SHEET 424 FOR ADDITIONAL  
OWNERSHIP NAMES AND NUMBERS.

A.A. - ADVANCED ACQUISITION

STRUCTURE KEY

- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

CUYAHOGA COUNTY  
CITY OF CLEVELAND  
ORIGINAL 100 ACRE LOTS 328 & 329  
TOWNSHIP 7, RANGE XII  
THE CONNECTICUT WESTERN RESERVE



0 50 100  
HORIZONTAL  
SCALE IN FEET

CALCULATED  
CHECKED

PROPERTY MAP

CUY-IR490/ SR010-  
2.09 / 19.28

423  
437

ISSUE RECORD		
NO.	DATE	DESCRIPTION
0	2019-06-13	RFC

RECORD PLANS

RECORD PLANS

RECORD PLANS



ADDITIONAL OWNERSHIP NAME AND NUMBER FOR SHEET 423

- 2005THE GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY  
124-21-001, 007, 125-02-001, 047, 048, 049, 050 & 125-13-001
- 2073CITY OF CLEVELAND LAND REUTILIZATION PROGRAM  
125-01-045
- 2076ABRAHAM COOK  
125-01-044
- 2081STATE OF OHIO  
125-01-041
- 2082STATE OF OHIO  
125-01-040
- 2083STATE OF OHIO  
125-01-039
- 2084STATE OF OHIO  
125-01-038
- 2087THE CITY OF SHAKER HEIGHTS, AN OHIO MUNICIPAL CORPORATION  
124-21-007
- 2089STATE OF OHIO FOR THE DEPARTMENT OF TRANSPORTATION  
125-17-001
- 2090CITY OF CLEVELAND LAND REUTILIZATION PROGRAM  
125-17-002
- 2096STATE OF OHIO  
125-17-003
- 2097DR. WM MEYER (1/2 INT.), DECEASED  
JOHN THOMAN (1/2 INT.), DECEASED  
125-17-004
- 2098CITY OF CLEVELAND, OHIO, "LAND REUTILIZATION PROGRAM"  
125-17-005, 006 & 007
- 2099THE CITY OF CLEVELAND, LAND REUTILIZATION PROGRAM  
125-17-008, 009 & 010
- 2100CITY OF CLEVELAND, OHIO, "LAND REUTILIZATION PROGRAM"  
125-17-011
- 2101CLEVELAND LAND REUTILIZATION PROGRAM  
125-17-012
- 2102CITY OF CLEVELAND LAND REUTILIZATION PROGRAM  
125-17-013
- 2103THE CITY OF CLEVELAND, A MUNICIPAL CORPORATION  
125-17-014 & 015
- 2104CITY OF CLEVELAND, OHIO, "LAND REUTILIZATION PROGRAM"  
125-17-033 & 034
- 2105CITY OF CLEVELAND, OHIO, "LAND REUTILIZATION PROGRAM"  
125-17-035
- 2106CITY OF CLEVELAND, OHIO, "LAND REUTILIZATION PROGRAM" (1/2 INT.)  
NUNZIATA ORITI (1/2 INT.), DECEASED  
125-17-036
- 2107CITY OF CLEVELAND, OHIO, "LAND REUTILIZATION PROGRAM"  
125-17-041, 042 & 043

- 2108STATE OF OHIO FOR THE DEPARTMENT OF TRANSPORTATION  
125-17-037
- 2109STATE OF OHIO FOR THE DEPARTMENT OF TRANSPORTATION  
125-17-038
- 2110CITY OF CLEVELAND LAND REUTILIZATION PROGRAM  
125-17-039
- 2121STATE OF OHIO  
125-17-040
- 2122CITY OF CLEVELAND, OHIO LAND BANK  
125-17-044
- 2123CITY OF CLEVELAND LB 95  
125-17-045
- 2124CITY OF CLEVELAND LAND REUTILIZATION PROGRAM  
125-17-046 & 047
- 2125THE ZONE, LLC, AN OHIO LIMITED LIABILITY COMPANY  
125-17-048, 050 & 051
- 2128CITY OF CLEVELAND, OHIO, "LAND REUTILIZATION PROGRAM"  
125-17-068
- 2129CITY OF CLEVELAND LAND REUTILIZATION PROGRAM  
125-17-052
- 2152THE GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY  
124-22-006

0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
ISSUE RECORD		

CUY-IR490/ SR010-2.09 / 19.28

PROPERTY MAP

424  
437

CALCULATED  
CHECKED

0 50 100  
HORIZONTAL  
SCALE IN FEET

RECORD PLANS

RECORD PLANS



ADDITIONAL OWNERSHIP NAME AND NUMBER FOR SHEET 425

- 2128

CITY OF CLEVELAND, OHIO,  
"LAND REUTILIZATION PROGRAM"  
125-17-068
- 2129

CITY OF CLEVELAND  
LAND REUTILIZATION PROGRAM  
125-17-052
- 2130

CUYAHOGA COUNTY LAND  
REUTILIZATION CORPORATION  
125-17-029
- 2131

THE ZONE, LLC, AN OHIO LIMITED  
LIABILTY COMPANY  
125-17-055
- 2131A

THE ZONE, LLC, AN LIMITED  
LIABILTY COMPANY  
125-17-057
- 2132

CUYAHOGA COUNTY LAND  
REUTILIZATION CORPORATION  
125-17-058 & 059
- 2133

DOUGHBOUND INVESTMENT GROUP LLC  
124-25-040
- 2134

CITY OF CLEVELAND  
124-25-039
- 2135

CITY OF CLEVELAND, OHIO,  
"LAND REUTILIZATION PROGRAM"  
124-25-037 & 038
- 2136

CITY OF CLEVELAND  
LAND REUTILIZATION PROGRAM  
124-25-036
- 2137

(CITY OF) CLEVELAND, OHIO,  
"LAND REUTILIZATION PROGRAM"  
124-25-035
- 2138

CITY OF CLEVELAND  
LAND REUTILIZATION PROGRAM  
124-25-034
- 2139

MINNIE SUTTON FEARS  
124-25-033
- 2140

RUBIE JEWELL LUCAS (1/2 INT.)  
AUDREY JEWELL LUCAS-FRAZIER (1/10 INT.)  
WILLIAM PECK LUCAS JUNIOR (1/10 INT.)  
BEVERLEY LOUISE LUCAS (1/10 INT.)  
ROBERT BERNARD LUCAS (1/10 INT.)  
EARNEST LUCAS-ROSEMAN (1/40 INT.)  
DAWN LASHAE LUCAS-ROSEMAN (1/40 INT.)  
STACY YANETTE LUCAS-ROSEMAN (1/40 INT.)  
KIMBERLEY SHIRRELL LUCAS-ROSEMAN (1/40 INT.)  
124-25-032
- 2141

BOND PYANT  
124-25-056 & 058
- 2142

STATE OF OHIO  
124-25-031
- 2143

CITY OF CLEVELAND  
LANDBANK REUTALIZATION  
124-25-030
- 2144

KADELL C. ERVIN AND SADIE L. ERVIN  
124-25-029
- 2145

CITY OF CLEVELAND, OHIO  
"LAND REUTILIZATION PROGRAM"  
124-25-028
- 2146

CITY OF CLEVELAND, OHIO  
"LAND REUTILIZATION PROGRAM"  
124-25-026 & 027
- 2150

NORFOLK AND WESTERN RAILWAY COMPANY,  
NKA NORFOLK SOUTHERN RAILWAY COMPANY  
124-22-005
- 2150A

NORFOLK AND WESTERN RAILWAY COMPANY,  
NKA NORFOLK SOUTHERN RAILWAY COMPANY  
124-22-001

- 2151

CITY OF CLEVELAND, OHIO,  
"LAND REUTILIZATION PROGRAM"  
124-22-002, 003 & 004
- 2152

THE GREATER CLEVELAND  
REGIONAL TRANSIT AUTHORITY  
124-22-006
- 2153

THE GREATER CLEVELAND  
REGIONAL TRANSIT AUTHORITY  
124-22-007
- 2154

CITY OF CLEVELAND, OHIO,  
"LAND REUTILIZATION PROGRAM"  
124-25-025
- 2155

STATE OF OHIO  
124-25-024
- 2156

STATE OF OHIO  
124-25-023
- 2157

LILLIAN JOHNSON, DECEASED  
124-25-022
- 2158

CITY OF CLEVELAND, OHIO,  
"LAND REUTILIZATION PROGRAM"  
124-25-020 & 021
- 2159

CLEVELAND LAND REUTILIZATION  
PROGRAM  
124-25-055
- 2160

ANITA B. THOMAS  
124-25-048
- 2161

CITY OF CLEVELAND, OHIO,  
"LAND REUTILIZATION PROGRAM"  
124-25-001
- 2162

STATE OF OHIO  
124-25-002 & 003
- 2163

CITY OF CLEVELAND, OHIO  
"LAND REUTILIZATION PROGRAM"  
124-25-004
- 2164

LAVERN MILLIGAN  
124-25-005
- 2165

DARLENE JACKSON  
124-25-006
- 2166

CITY OF CLEVELAND,  
LAND REUTILIZATION PROGRAM  
124-25-007
- 2167

ARTHUR BRASSELL (1/2 INT.)  
HOWARD McGHEE AND JODIE McGHEE (1/2 INT.)  
124-25-008
- 2168

CITY OF CLEVELAND  
LAND REUTILIZATION PROGRAM  
124-25-009
- 2169

BERNICE PERRY (1/2 INT.)  
WALTER D. PERRY (1/8 INT.)  
BERNICE R. JONES (1/8 INT.)  
HENRY PERRY (1/8 INT.)  
THEOPOLIS PERRY (1/8 INT.)  
124-25-010
- 2170

CUYAHOGA COUNTY LAND REUTILIZATION  
CORPORATION, AN OHIO NONPROFIT  
COMMUNITY IMPROVEMENT CORPORATION  
124-25-011
- 2171

CITY OF CLEVELAND, OHIO,  
"LAND REUTILIZATION PROGRAM"  
124-24-076, 077, 078 & 079

- 2172

CLEVELAND LAND REUTILIZATION  
PROGRAM  
124-24-080 & 081
- 2173

CITY OF CLEVELAND, OHIO,  
"LAND REUTILIZATION PROGRAM"  
124-24-082 & 083
- 2174

LARRY UNDERWOOD  
124-24-084
- 2175

CITY OF CLEVELAND, OHIO,  
"LAND REUTILIZATION PROGRAM"  
124-24-001 & 002
- 2176

THE GEORGE ELIE WRECKING COMPANY,  
AN OHIO CORPORATION  
124-24-103
- 2177

ACTIVITY HOLDING III  
124-24-104
- 2178

CITY OF CLEVELAND, OHIO,  
"LAND REUTILIZATION PROGRAM"  
124-24-085

0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
ISSUE RECORD		

PROPERTY MAP

CUY-IR490/ SR010-  
2.09 / 19.28

426  
437

CALCULATED

CHECKED

0

50

100

HORIZONTAL  
SCALE IN FEET

RECORD PLANS

RECORD PLANS

- 
- 
-



2152 THE GREATER CLEVELAND  
REGIONAL TRANSIT AUTHORITY  
124-22-006

2153 THE GREATER CLEVELAND  
REGIONAL TRANSIT AUTHORITY  
124-22-007

2175 CITY OF CLEVELAND, OHIO, "LAND  
REUTILIZATION PROGRAM"  
124-24-001 & 002

2176 THE GEORGE ELIE WRECKING COMPANY, AND  
OHIO CORPORATION  
124-24-103

2177 ACTIVITY HOLDING III  
124-24-104

2180 STATE OF OHIO  
124-24-007 & 008

2181 STATE OF OHIO FOR THE  
DEPARTMENT OF TRANSPORTATION  
124-24-006

2182 CITY OF CLEVELAND LAND REUTILIZATION  
PROGRAM  
124-24-005

2183 CITY OF CLEVELAND, OHIO, "LAND  
REUTILIZATION PROGRAM"  
124-24-004 & 092

2184 PHYLLIS TA JUAN MCKINNEY  
124-24-100

2185 (CITY OF) CLEVELAND, OHIO, "LAND  
REUTILIZATION PROGRAM"  
124-24-019 & 093

2186 STATE OF OHIO  
124-24-018

2187 CITY OF CLEVELAND, OHIO, "LAND  
REUTILIZATION PROGRAM"  
124-24-017

2188 CITY OF CLEVELAND, OHIO, "LAND  
REUTILIZATION PROGRAM"  
124-24-013, 014, 015 & 016

2189 STATE OF OHIO  
124-24-023

2189A STATE OF OHIO  
124-24-022

2190 MID-OHIO SECURITIES F/B/O IRA  
ACCOUNT NO. 20201  
124-24-021

2191 CITY OF CLEVELAND  
124-24-020

2192 CITY OF CLEVELAND, OHIO, "LAND  
REUTILIZATION PROGRAM"  
124-24-051, 095, 096, 097 & 098

2193 CLEVELAND LAND REUTILIZATION  
PROGRAM  
124-24-050

2194 CITY OF CLEVELAND, OHIO, "LAND  
REUTILIZATION PROGRAM"  
124-24-049

2200 STATE OF OHIO  
124-24-024

2201 LAND REUTILIZATION PROGRAM,  
CITY OF CLEVELAND  
124-24-048

2202 CITY OF CLEVELAND LB 95  
124-24-047

(2203) CITY OF CLEVELAND, OHIO, "LAND REUTILIZATION PROGRAM"  
124-24-046 & 099

(2204) TUZZAN, LTD  
124-24-045

(2205) MICHAEL J. PRENDERGAST (1/4 INT.)  
CATHERINE M. PRENDERGAST (1/4 INT.)  
MARGARET C. PRENDERGAST (1/4 INT.)  
GENEVIEVE V. PRENDERGAST (1/4 INT.)  
124-24-044

(2206) MARGARET C. PRENDERGAST, DECEASED  
124-24-043

(2207) STATE OF OHIO  
124-24-042 & 101

(2208) CITY OF CLEVELAND LAND BANK  
124-24-041

(2209) ARCHIE BLOODSAW, DECEASED  
124-28-007

(2210) (CITY OF) CLEVELAND, OHIO, "LAND REUTILIZATION PROGRAM"  
124-28-006 & 047

(2211) CLEVELAND LAND REUTILIZATION PROGRAM  
124-28-005

(2212) JOANN JEMISON  
124-28-078

(2213) CITY OF CLEVELAND LAND REUTILIZATION PROGRAM  
124-28-004

(2214) THE ORLANDO BAKING COMPANY, AN OHIO CORPORATION  
124-28-001, 002, 003, 045, 046 & 079

(2215) THE ORLANDO BAKING COMPANY, AN OHIO CORPORATION (1/2 INT.)  
BRAXTON PRESSLY (1/2 INT.)  
124-28-043 & 044

(2216) THE ORLANDO BAKING COMPANY, AN OHIO CORPORATION  
124-28-041, 042, 052 & 080

(2217) THE ORLANDO BAKING COMPANY, AN OHIO CORPORATION (2/3 INT.)  
ROSLYN F. KOPPERMAN (1/3 INT.)  
124-28-040

(2218) THE ORLANDO BAKING COMPANY, AN OHIO CORPORATION  
124-28-034, 035, 036, 037, 038, 039 & 077

(2226) THE ORLANDO BAKING COMPANY, AN OHIO CORPORATION  
124-23-009, 124-28-029, 030, 031, 032 & 084

(2235) CITY OF CLEVELAND, OHIO, "LAND REUTILIZATION PROGRAM"  
124-28-062, 063 & 064

(2236) STATE OF OHIO  
124-28-061

(2237) CITY OF CLEVELAND, OHIO, "LAND REUTILIZATION PROGRAM"  
124-28-058, 059 & 060

(2238) CLEVELAND LAND BANK  
124-28-057

(2239) STATE OF OHIO FOR THE DEPARTMENT OF TRANSPORTATION  
124-28-056

(2240) STATE OF OHIO  
124-28-055

(2241) REUTILIZATION PROGRAM"  
124-28-050, 051, 053 & 054

(2242) STATE OF OHIO FOR THE  
DEPARTMENT OF TRANSPORTATION  
124-28-049

(2243) WILLIAM S. COOPER, DECEASED  
124-28-048

(2245) CITY OF CLEVELAND, OHIO, "LAND  
REUTILIZATION PROGRAM"  
124-28-008

(2246) STATE OF OHIO  
124-28-074 & 075

428  
437

CUY-IR490/ SR010-  
2.09/19.28

SCALE  
RECORD PLANS



CUYAHOGA COUNTY  
CITY OF CLEVELAND  
ORIGINAL 100 ACRE LOTS 330 & 423  
TOWNSHIP 7, RANGE XII  
THE CONNECTICUT WESTERN RESERVE

STRUCTURE KEY

- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

NOTE:  
PROPOSED R/W ON GCRTA AND CITY OF  
SHAKER HEIGHTS PARCELS IS APPROXIMATED  
FOR INFORMATIONAL PURPOSES ONLY.  
FUTURE R/W TO BE DETERMINED AT A  
LATER DATE.

SEE SHEET 430 FOR ADDITIONAL  
OWNERSHIP NAMES AND NUMBERS.

A.A. - ADVANCED ACQUISITION

EASEMENT FOR INGRESS AND EGRESS,  
ENCROACHMENTS, AND ACCESS TO UTILITIES  
OVER PPN 126-27-001, 002, & 118  
AFN #201409150329

TITLE DEFECT ON NORTH SIDE OF  
VACATED GRAND AVE. SEE TITLE  
REPORTS FOR 2274

AMENDED AND RESTATED  
EASEMENT AND USE AGREEMENT  
AFN #201705110324



CALCULATED  
CHECKED

RECORD PLANS

PROPERTY MAP

RECORD PLANS

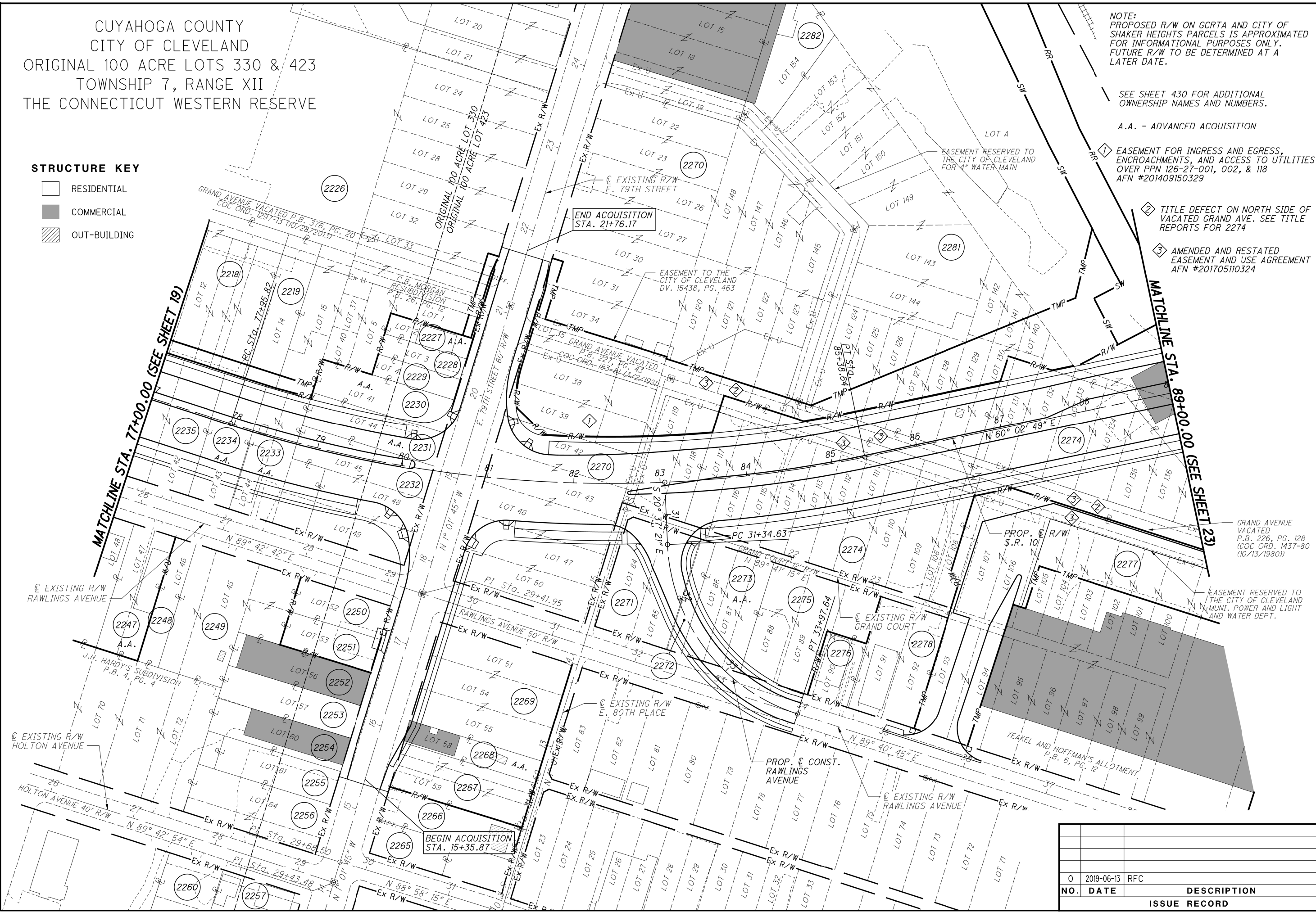
CUY-IR490/ SR010-  
2.09 / 19.28

RECORD PLANS

429  
437

NO.	DATE	DESCRIPTION
0	2019-06-13	RFC
ISSUE RECORD		

BU-15 - ROADWAY & PAVEMENT - KINGSBURY RUN TO END PROJECT  
...Sheets\BU-15\96833\_RM009.dgn 7/11/2019 3:07:46 PM Maria.Tompkins



ADDITIONAL OWNERSHIP NAME AND NUMBER FOR SHEET 429

- 2218

THE ORLANDO BAKING COMPANY,  
AN OHIO CORPORATION  
124-28-034, 035, 036, 037, 038, 039 & 077
- 2219

THE ORLANDO BAKING COMPANY,  
AN OHIO CORPORATION (1/2 INT.)  
THRETHA HOOF (1/2 INT.), DECEASED  
124-28-033
- 2226

THE ORLANDO BAKING COMPANY,  
AN OHIO CORPORATION  
124-23-009, 124-28-029, 030,  
031, 032 & 084
- 2227

STATE OF OHIO  
124-28-028
- 2228

CITY OF CLEVELAND, OHIO  
"LAND REUTILIZATION PROGRAM"  
124-28-027
- 2229

CITY OF CLEVELAND  
LAND REUTILIZATION PROGRAM  
124-28-026
- 2230

STATE OF OHIO  
124-28-025
- 2231

STATE OF OHIO  
124-28-024
- 2232

CITY OF CLEVELAND LAND  
REUTILIZATION PROGRAM  
124-28-022 & 023
- 2233

STATE OF OHIO  
124-28-066, 067 & 068
- 2234

MACK DANZEY, SR.  
124-28-065
- 2235

CITY OF CLEVELAND, OHIO  
"LAND REUTILIZATION PROGRAM"  
124-28-062, 063 & 064
- 2247

STATE OF OHIO  
124-28-072 & 073
- 2248

GERMAN SAIDE PERALTA  
124-28-071
- 2249

CITY OF CLEVELAND, OHIO,  
"LAND REUTILIZATION PROGRAM"  
124-28-069 & 070
- 2250

CLEVELAND LAND REUTILIZATION  
PROGRAM  
124-28-076
- 2251

CITY OF CLEVELAND, OHIO,  
"LAND REUTILIZATION PROGRAM" (1/2 INT.)  
FANNI LEPOSA AKA FANNIE LEPOSA (1/2 INT.),  
DECEASED  
124-28-020
- 2252

BRAD L. BELL AND BRYAN W. BELL  
AND JAMES P. BELL, JR.  
124-28-019
- 2253

CITY OF CLEVELAND LAND  
REUTILIZATION PROGRAM  
124-28-018
- 2254

DAVID SIMS  
124-28-017
- 2255

CITY OF CLEVELAND, OHIO,  
"LAND REUTILIZATION PROGRAM"  
124-28-015
- 2256

CITY OF CLEVELAND  
LAND REUTILIZATION PROGRAM  
124-28-014
- 2257

GOOD SHEPHERD EVANGELISTIC CHURCH, INC.  
124-29-057

- 2260

CITY OF CLEVELAND, OHIO,  
"LAND REUTILIZATION PROGRAM"  
126-29-014, 017 & 018
- 2265

CITY OF CLEVELAND, OHIO,  
"LAND REUTILIZATION PROGRAM"  
126-27-014
- 2266

A.J. STOUDENMIRE  
126-27-013
- 2267

CITY OF CLEVELAND  
LAND REUTILIZATION PROGRAM  
126-27-011 & 012
- 2268

STATE OF OHIO FOR THE  
DEPARTMENT OF TRANSPORTATION  
126-27-010
- 2269

CITY OF CLEVELAND, OHIO,  
"LAND REUTILIZATION PROGRAM"  
126-27-007, 008 & 009
- 2270

SEVENTH GENERATION DEVELOPMENT, INC.,  
AN OHIO CORPORATION  
PART OF 126-26-001  
126-26-002, 003, 004, 005, 006, 007, 008,  
009, 010, 011, 012, 013 & 014  
126-27-001, 002, 003, 004, 005, 006, 118, 119, & 120
- 2271

THE CITY OF CLEVELAND,  
LAND REUTILIZATION PROGRAM  
126-27-116 & 117
- 2272

CLEVELAND LAND REUTILIZATION  
PROGRAM  
126-27-115
- 2273

THE CHURCH OF THE LIVING GOD - THE PILLAR  
AND GROUND OF THE TRUTH, INC.  
126-27-113, 114 & 137
- 2274

PERK COMPANY, INC., AN OHIO CORPORATION  
126-26-015, 126-27-121, 122, 123, 124, 125,  
126, 127, 128, 129, 130, 131, & 132
- 2275

CITY OF CLEVELAND  
LAND REUTILIZATION PROGRAM  
126-27-111 & 112
- 2276

UNIVERSAL HAGAR'S SPIRITUAL CHURCH  
126-27-110
- 2277

MCTECH HOLDINGS, LLC, AN OHIO  
LIMITED LIABILITY COMPANY  
126-27-105, 106, 107, 133, 134, 135, 136  
& 126-28-001
- 2278

FIRST LOVE OUTREACH MINISTRIES, INC.  
126-27-108 & 109
- 2281

THE OPAL INDUSTRIAL GROUP, LLC,  
AN OHIO LIMITED LIABILITY COMPANY  
PART OF 126-26-001
- 2282

J.H. VAN DORN  
PART OF 126-26-001

0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
ISSUE RECORD		

PROPERTY MAP

CUY-IR490/ SR010-  
2.09 / 19.28

430  
437

CALCULATED

CHECKED

0

50

100

HORIZONTAL

SCALE IN FEET

RECORD PLANS

RECORD PLANS

NOTE:  
PROPOSED R/W ON GCRTA AND CITY OF SHAKER HEIGHTS  
PARCELS IS APPROXIMATED FOR INFORMATIONAL PURPOSES  
ONLY. FUTURE R/W TO BE DETERMINED AT A LATER DATE.

CUYAHOGA COUNTY  
CITY OF CLEVELAND  
ORIGINAL 100 ACRE LOTS 415, 416, 423 & 424  
TOWNSHIP 7, RANGE XII  
THE CONNECTICUT WESTERN RESERVE

STRUCTURE KEY

- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

SEE SHEET 432 FOR ADDITIONAL  
OWNERSHIP NAMES AND NUMBERS.  
A.A. - ADVANCED ACQUISITION



0 25 50 100  
HORIZONTAL  
SCALE IN FEET

CALCULATED  
CHECKED

RECORD PLANS

PROPERTY MAP

RECORD PLANS

CUY-IR490/ SR010-  
2.09 / 19.28  
RECORD PLANS

431  
437

NO.	DATE	DESCRIPTION
0	2019-06-13	RFC
ISSUE RECORD		

ADDITIONAL OWNERSHIP NAME AND NUMBER FOR SHEET 431

- 2274

PERK COMPANY, INC.,  
AN OHIO CORPORATION  
126-26-015
- 2277

MCTECH HOLDINGS, LLC, AN OHIO  
LIMITED LIABILITY COMPANY  
126-27-105, 106, 107, 133, 134, 135,  
136 & 126-28-001
- 2281

THE OPAL INDUSTRIAL GROUP, LLC,  
AN OHIO LIMITED LIABILITY COMPANY  
PART OF 126-26-001
- 2284

PENNSYLVANIA LINES, LLC,  
A DELAWARE LIMITED LIABILITY COMPANY,  
NKA NORFOLK SOUTHERN RAILWAY  
126-19-010 & 126-21-007
- 2290

RGA CONSTRUCTION COMPANY, LLC,  
AN OHIO LIMITED LIABILITY  
126-20-022
- 2291

CITY OF CLEVELAND  
LAND REUTILIZATION PROGRAM  
126-20-027
- 2292

C-TOWN TRANSPORTATION, INC.  
AN OHIO CORPORATION  
126-20-025
- 2293

GRAND AVENUE HOLDINGS, LLC,  
AN OHIO LIMITED LIABILITY COMPANY  
126-20-026
- 2294

BRANDON HIIRONEN  
126-20-024
- 2296

HASHEM INVESTMENTS, LLC,  
AN OHIO LIMITED LIABILITY COMPANY  
126-20-023
- 2297

AMCLO GROUP, INC.  
126-20-042
- 2298

2800 GRAND CORPORATION, A CORPORATION  
126-20-045
- 2299

STATE OF OHIO  
126-20-021
- 2300

MICELI-LOGRASSO DEVELOPMENT COMPANY III,  
LLC, AN OHIO LIMITED LIABILITY COMPANY  
126-21-001
- 2310

MICELI LOGRASSO DEVELOPMENT  
COMPANY III, LLC  
126-20-029
- 2312

MICELI LOGRASSO DEVELOPMENT  
COMPANY III LLC  
126-20-016, 017, 018, 019 & 020
- 2313

JOHN SZASZFY (1/6 INT.)  
JULIA KALAIPOS (1/6 INT.)  
FRANK SZASZFY (1/6 INT.)  
STEVEN SZASZFY (1/6 INT.)  
JOSEPH SZASZFY (1/6 INT.)  
HARRY F. KORPONAY (1/6 INT.)  
126-20-030
- 2315

CITY OF CLEVELAND  
LAND REUTILIZATION PROGRAM  
126-20-031
- 2316

A.J. GILLIAM  
126-20-032
- 2317

ABBY A. MILLER AND NOAH C. BLOCH  
126-20-033
- 2318

ETHEL COPPOLINO, DECEASED  
126-20-034
- 2319

FLEMING'S FLOOR MAINTENANCE, INC.  
126-20-015
- 2320

LEO S. COPPOLINO (1/2 INT.)  
MICELI LOGRASSO DEVELOPMENT COMPANY  
III LLC (1/2 INT.)  
126-20-035
- 2321

CITY OF CLEVELAND,  
LAND REUTILIZATION PROGRAM  
126-20-014
- 2322

STATE OF OHIO  
126-20-013
- 2323

JOHN WYNDER  
126-20-012
- 2324

LILLIAN ROSE  
126-20-036
- 2330

STATE OF OHIO  
126-22-070
- 2331

CITY OF CLEVELAND, OHIO, "LAND REUTILIZATION  
PROGRAM" AKA CITY OF CLEVELAND, LAND REUTILIZATION,  
AKA CITY OF CLEVELAND, LAND REUTILIZATION  
PROGRAM  
126-22-001, 002, 003, 004, 005, 007, 068 & 069
- 2332

STATE OF OHIO  
126-22-006
- 2333

CLI CONSTRUCTION, INC.  
126-22-008
- 2335

CLEVELAND YOUTH EMPOWERMENT  
PROGRAM  
126-22-009
- 2336

MICELI LOGRASSO DEVELOPMENT  
COMPANY III LLC  
126-20-004 & 005
- 2338

WILLIAM L. HUGHES AND EVELYN HUGHES  
126-20-002 & 003
- 2339

JOHN C. BEVERLY  
126-20-001
- 2340

MICELI LOGRASSO DEVELOPMENT COMPANY III LLC  
126-22-052
- 2341

STATE OF OHIO  
126-22-053
- 2342

STATE OF OHIO  
126-22-054

0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
ISSUE RECORD		

CUY-IR490/ SR010-  
2.09 / 19.28

432  
437

PROPERTY MAP

RECORD PLANS

CALCULATED  
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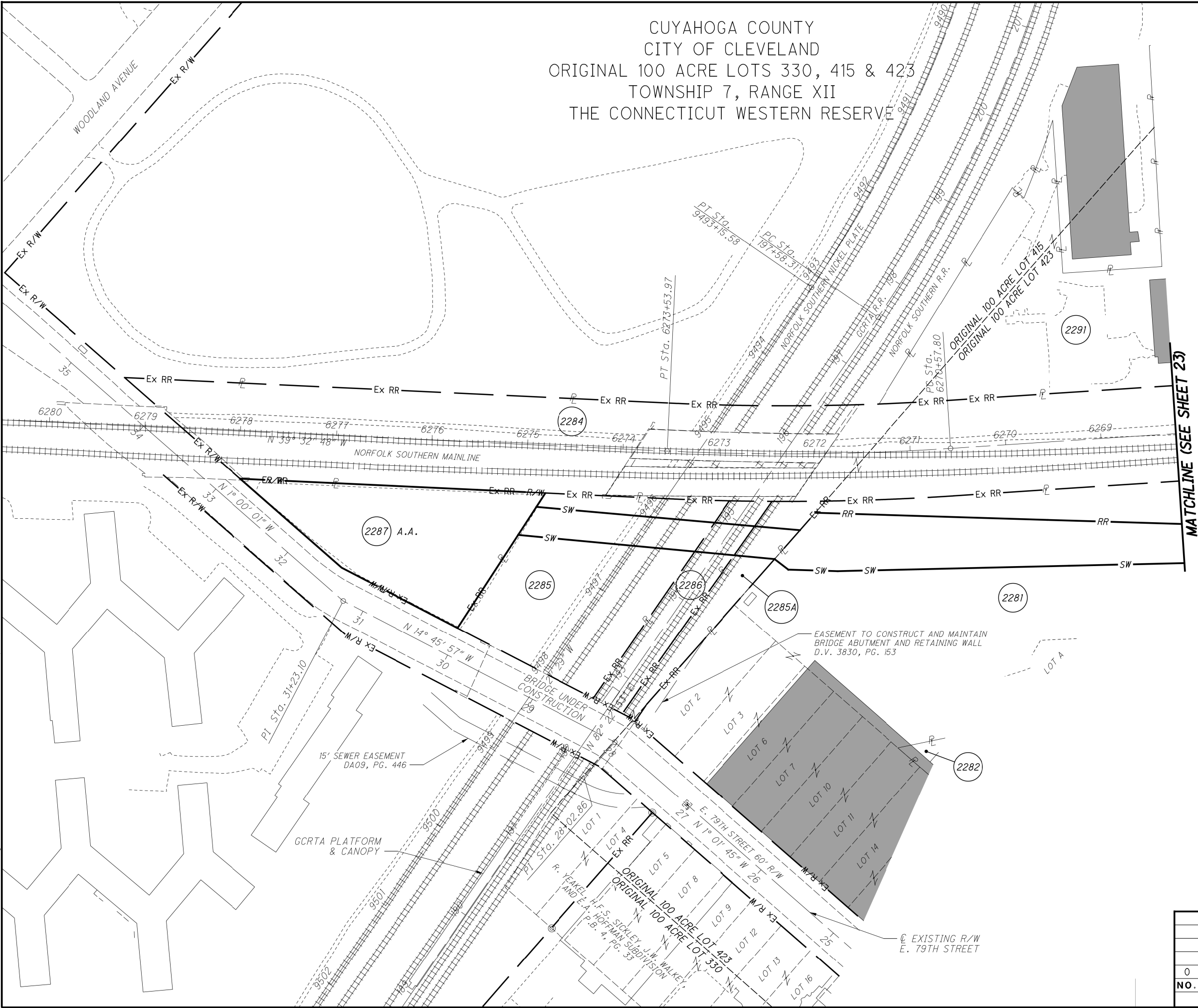
CHECKED

50  
25  
100  
HORIZONTAL  
SCALE IN FEET

RECORD PLANS



CUYAHOGA COUNTY  
CITY OF CLEVELAND  
ORIGINAL 100 ACRE LOTS 330, 415 & 423  
TOWNSHIP 7, RANGE XII  
THE CONNECTICUT WESTERN RESERVE



OWNERSHIP NAME AND NUMBER

- 2281 THE OPAL INDUSTRIAL GROUP, LLC,  
AN OHIO LIMITED LIABILITY COMPANY  
PART OF 126-26-001
- 2282 J.H. VAN DORN  
NO AUDITOR'S PARCEL NO.
- 2284 PENNSYLVANIA LINES, LLC,  
A DELAWARE LIMITED LIABILITY COMPANY,  
NKA NORFOLK SOUTHERN RAILWAY  
126-19-010 & 126-21-007
- 2285 NORFOLK SOUTHERN RAILWAY COMPANY  
126-19-008
- 2285A NORFOLK SOUTHERN RAILWAY COMPANY  
126-19-008
- 2286 THE GREATER CLEVELAND REGIONAL  
TRANSIT AUTHORITY  
126-19-013
- 2287 POISE ENTERTAINMENT EDUCATION  
CO. AUTHORITY  
126-19-009
- 2291 CITY OF CLEVELAND  
LAND REUTILIZATION PROGRAM  
126-20-027

NOTE:  
PROPOSED R/W ON GCRTA AND CITY OF  
SHAKER HEIGHTS PARCELS IS APPROXIMATED  
FOR INFORMATIONAL PURPOSES ONLY.  
FUTURE R/W TO BE DETERMINED AT A  
LATER DATE.

A.A. - ADVANCED ACQUISITION

STRUCTURE KEY

- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

NO.	DATE	DESCRIPTION
0	2019-06-13	RFC
ISSUE RECORD		



CUYAHOGA COUNTY  
CITY OF CLEVELAND  
ORIGINAL 100 ACRE LOTS 423 & 424  
TOWNSHIP 7, RANGE XII  
THE CONNECTICUT WESTERN RESERVE

STRUCTURE KEY

- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

OWNERSHIP NAME AND NUMBER

- 2277 MCTECH HOLDINGS, LLC, AN OHIO LIMITED LIABILITY COMPANY  
126-27-105, 106, 107, 133, 134, 135, 136 & 126-28-001
- 2279 CLEVELAND LAND BANK  
126-28-002
- 2284 PENNSYLVANIA LINES, LLC, A DELAWARE LIMITED LIABILITY COMPANY, NKA NORFOLK SOUTHERN RAILWAY  
126-19-010 & 126-21-007
- 2300 MICELI-LOGRASSO DEVELOPMENT COMPANY III, LLC, AN OHIO LIMITED LIABILITY COMPANY  
126-21-001



PROPERTY MAP

CUY-IR490/ SR010-  
2.09 / 19.28

434  
437

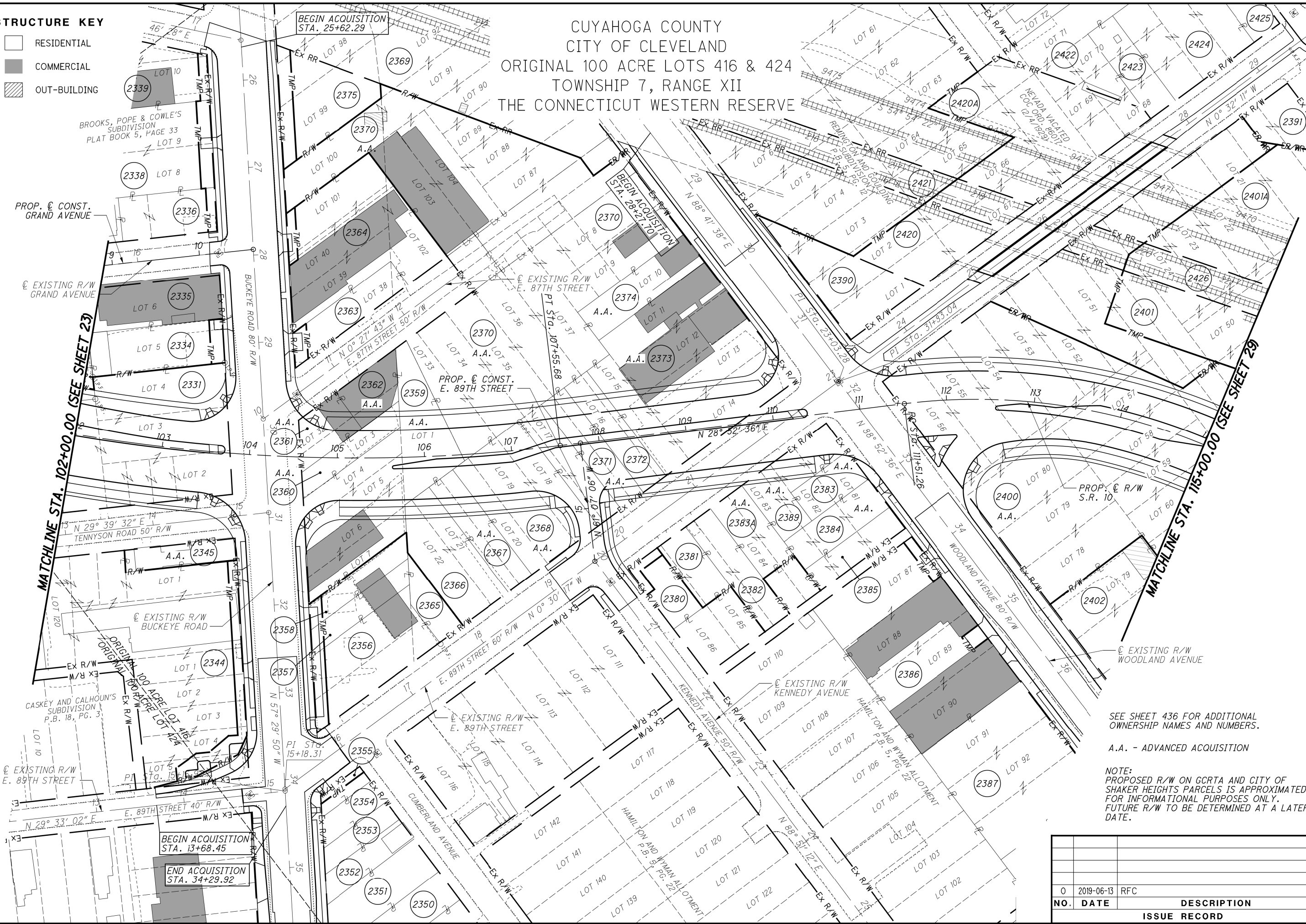
ISSUE RECORD		
NO.	DATE	DESCRIPTION
0	2019-06-13	RFC



STRUCTURE KEY

- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

CUYAHOGA COUNTY  
CITY OF CLEVELAND  
ORIGINAL 100 ACRE LOTS 416 & 424  
TOWNSHIP 7, RANGE XII  
THE CONNECTICUT WESTERN RESERVE



SEE SHEET 436 FOR ADDITIONAL OWNERSHIP NAMES AND NUMBERS.

A.A. - ADVANCED ACQUISITION

NOTE:  
PROPOSED R/W ON GCRTA AND CITY OF SHAKER HEIGHTS PARCELS IS APPROXIMATED FOR INFORMATIONAL PURPOSES ONLY. FUTURE R/W TO BE DETERMINED AT A LATER DATE.

NO.	DATE	DESCRIPTION
0	2019-06-13	RFC
ISSUE RECORD		

PROPERTY MAP

CUY-IR490/ SR010-

2.09 / 19.28

435  
437

RECORD PLANS

RECORD PLANS

0 50 100  
HORIZONTAL SCALE IN FEET

CALCULATED  
CHECKED

RECORD PLANS



ADDITIONAL OWNERSHIP NAME AND NUMBER FOR SHEET 435

- 2331CITY OF CLEVELAND, OHIO, "LAND REUTILIZATION PROGRAM" AKA CITY OF CLEVELAND, LAND REUTILIZATION AKA CITY OF CLEVELAND, LAND REUTILIZATION PROGRAM 126-22-001, 002, 003, 004, 005, 007, 068 & 069
- 2334ANDREW HOBSON, JR. 126-22-010
- 2335CLEVELAND YOUTH EMPOWERMENT PROGRAM 126-22-009
- 2336MICELI LOGRASSO DEVELOPMENT COMPANY III LLC 126-20-004 & 005
- 2338WILLIAM L. HUGHES AND EVELYN HUGHES 126-20-002 & 003
- 2339JOHN C. BEVERLY 126-20-001
- 2344BLESSED HOPE MISSIONARY BAPTIST CHURCH 126-22-015, 016, 017, 018, 019, 126-22-058, 059 & 060
- 2345STATE OF OHIO 126-22-014
- 2350CITY OF CLEVELAND, OHIO, "LAND REUTILIZATION PROGRAM" 126-14-042 & 113
- 2351THE CITY OF CLEVELAND, LAND REUTILIZATION PROGRAM 126-14-114
- 2352JAMES R. TOTTON 126-14-115
- 2353CITY OF CLEVELAND, OHIO, "LAND REUTILIZATION PROGRAM" 126-14-116
- 2354CLEVELAND LAND BANK 126-14-117
- 2355CITY OF CLEVELAND, OHIO, "LAND REUTILIZATION PROGRAM" 126-14-118
- 2356BUCKEYE BUSINESS GROUP, LLC, AN OHIO LIMITED LIABILITY COMPANY 126-13-019
- 2357KARL GREENE 126-13-020
- 2358BUCKEYE BUSINESS GROUP, LLC, AN OHIO LIMITED LIABILITY COMPANY 126-13-021
- 2359STATE OF OHIO FOR THE DEPARTMENT OF TRANSPORTATION 126-13-022, 023, 024 & 027
- 2360BUCKEYE SUPER SERVICE, INC., AN OHIO CORPORATION 126-13-025
- 2361STATE OF OHIO 126-13-041
- 2362STATE OF OHIO 126-13-026

- 2363PERNEL JONES, SR. 126-13-036
- 2364PERNEL JONES & SONS FUNERAL HOME INC., NOW KNOWN AS THE PERNEL JONES & SONS FUNERAL HOME, INC., AN OHIO CORPORATION 126-13-037 & 038
- 2366CITY OF CLEVELAND, OHIO, "LAND REUTILIZATION PROGRAM" 126-13-017
- 2367STATE OF OHIO 126-13-016
- 2368STATE OF OHIO 126-13-015
- 2369THE NEW YORK, CHICAGO AND ST LOUIS RAILROAD COMPANY NKA NORFOLK SOUTHERN RAILWAY COMPANY, A VIRGINIA CORPORATION 126-13-002 & 003
- 2370STATE OF OHIO, DEPARTMENT OF TRANSPORTATION 126-13-004, 005, 014, 028, 029, 030, 031, 032, 033, 034, 035 & 039
- 2371STATE OF OHIO FOR THE DEPARTMENT OF TRANSPORTATION 126-13-013
- 2372CLEVELAND LAND REUTILIZATION PROGRAM 126-13-012
- 2373STATE OF OHIO 126-13-007, 008, 009, 010 & 011
- 2374STATE OF OHIO 126-13-006
- 2375GENERAL DEVELOPMENT LIMITED, AN OHIO LIMITED LIABILITY COMPANY 126-13-040
- 2380LORRAINE M. ULRICH (1/4 INT.) JOHN F. KEAVENEY (1/4 INT.) MARY ELLEN ULRICH (1/4 INT.) JAMES P. KEAVENEY (1/4 INT.) 126-14-050
- 2381CITY OF CLEVELAND, OHIO, "LAND REUTILIZATION PROGRAM" 126-14-051
- 2382CHARLY KASH 126-14-052
- 2383MOUSA KASH (1/3 INT.) CHARLY KASH (1/3 INT.) JOSEPH KASH (1/3 INT.) 126-14-002
- 2383AMOUSA KASH (1/3 INT.) CHARLY KASH (1/3 INT.) JOSEPH KASH (1/3 INT.) 126-14-121
- 2384FELIX GRANT 126-14-003
- 2385CITY OF CLEVELAND, OHIO, "LAND REUTILIZATION PROGRAM" 126-14-004
- 2386DELS REALTY, LTD., AN OHIO LIMITED LIABILITY COMPANY 126-14-005 & 006

- 2387CITY OF CLEVELAND, OHIO, "LAND REUTILIZATION PROGRAM" 126-14-007, 008, & 009
- 2389SAM CANNATA, DECEASED 126-14-001 & 054
- 2390PATRICK REALTY CORP., A DELAWARE CORPORATION 126-06-092
- 2391CITY OF CLEVELAND, OHIO, "LAND REUTILIZATION PROGRAM" 126-08-068
- 2400BRUDER REALTY LLC, AN OHIO LIMITED LIABILITY COMPANY 126-08-014, 023, 024, 025, 026, 027, 028, 029, 030, 071
- 2401THE NEW YORK, CHICAGO AND ST. LOUIS RAILROAD COMPANY, NOW KNOWN AS NORFOLK SOUTHERN RAILWAY COMPANY, A VIRGINIA CORPORATION 126-08-013
- 2401ATHE NEW YORK, CHICAGO AND ST. LOUIS RAILROAD COMPANY, NOW KNOWN AS NORFOLK SOUTHERN RAILWAY COMPANY, A VIRGINIA CORPORATION 126-08-013
- 2402KASH PROPERTIES, LLC, AN OHIO LIMITED LIABILITY COMPANY (1/2 INT.) AZELIE S. CHARLESTON (1/2 INT.) 126-08-015 & 016
- 2420NORFOLK SOUTHERN RAILWAY COMPANY, A VIRGINIA CORPORATION, HAVING TAKEN TITLE AS THE NEW YORK, CHICAGO AND ST. LOUIS RAILROAD COMPANY 126-06-018 & 019
- 2420ANORFOLK SOUTHERN RAILWAY COMPANY, A VIRGINIA CORPORATION, HAVING TAKEN TITLE AS THE NEW YORK, CHICAGO AND ST. LOUIS RAILROAD COMPANY 126-06-018 & 019
- 2421GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY 126-06-093
- 2422CITY OF CLEVELAND LAND BANK (S.R. 78) 126-06-020
- 2423AUGUSTINE CLAYTON JACKSON 126-06-021
- 2424CITY OF CLEVELAND, OHIO, "LAND REUTILIZATION PROGRAM" 126-06-022, 023 & 024
- 2425CHERYL ROBINSON 126-06-025
- 2426GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY 126-08-070

0	2019-06-13	RFC
NO.	DATE	DESCRIPTION
ISSUE RECORD		

PROPERTY MAP

CUY-IR490/ SR010-  
2.09 / 19.28

436  
437

CALCULATED  
CHECKED



HORIZONTAL  
SCALE IN FEET

RECORD PLANS

RECORD PLANS

0	2019-06-13	RFC
<b>NO.</b>	<b>DATE</b>	<b>DESCRIPTION</b>
<b>ISSUE RECORD</b>		