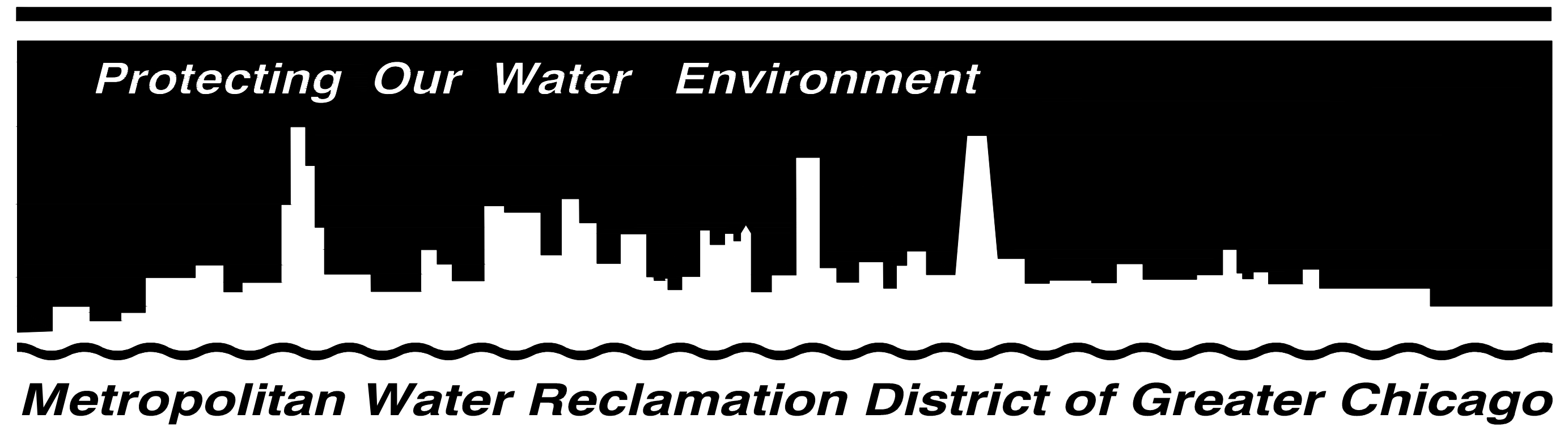


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PLOT DATE: 10/13/2022 9:11 AM PLOTTED BY: KYLE SOLINER

Contract Plans
for
Addison Creek Channel Improvements, SSA

Illinois

11-187-3F



Room 508, 100 East Erie Street
Chicago, Illinois 60611

Volume 3 of 3;
Book 1 of 2

2022

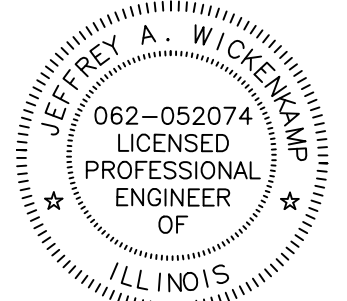
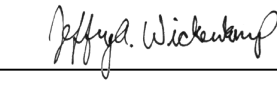
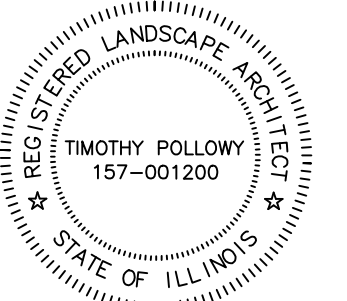

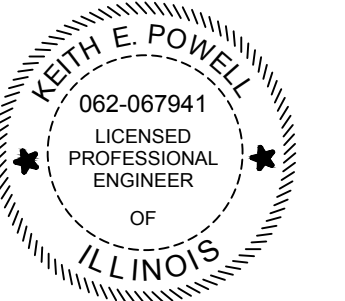

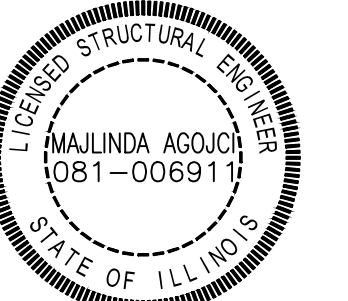
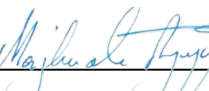


Board of Commissioners

- Hon. Kari K. Steele..... President
- Hon. Barbara McGowan..... Vice-President
- Hon. Marcelino Garcia..... Chairman of Finance
- Hon. Cameron Davis.....
- Hon. Kimberly Du Buclet.....
- Hon. Josina Morita.....
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- Catherine A. O'Connor..... Director of Engineering
- John P. Murray..... Director of Maintenance & Operations
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- Mary Ann Boyle..... Treasurer
- Edward Podczerwinski..... Director of Monitoring & Research
- Susan Morakalis..... General Counsel
- Beverly Sanders..... Director of Human Resources
- John Sudduth..... Director of Information Technology

Contract 11-187-3F Signature and Engineer Seals

 Exp. Date: 11/30/23  SIGNATURE President TITLE Hey and Associates, Inc. FIRM	 Exp. Date: 8/31/23  SIGNATURE Senior Landscape Architect TITLE Hey and Associates, Inc. FIRM	 Exp. Date: 11/30/23  SIGNATURE Civil Engineer TITLE Engineering Enterprises, Inc. FIRM	 Exp. Date: 11/30/24  SIGNATURE Structural Engineer TITLE GSG Consultants, Inc. FIRM	 Exp. Date: 11/30/23  SIGNATURE Electrical Engineer TITLE Engineering Enterprises, Inc. FIRM
LIST DRAWING SHEETS: TC-001 TS-001 TL-001 to TL-004 LP-001 C-001 to C-008 CA-101 to CA-109 CB-101 to CB-117 CE-101 to CE-109 CT-101 to CT-113 CT-501 to CT-507 CS-101 to CS-109 CS-501 to CS-503 CD-101 to CD-117 CG-201 to CG-236 CG-301 to CG-303 CG-401 to CG-407 CG-501 to CG-510 CG-701 to CG-787 CG-789 to CG-809 TC-002 CU-101 to CU-108 CU-110 to CU-118 CU-119 to CU-124 CU-501 to CU-503 CR-101 to CR-106 CR-107 to CR-119 CR-120 to CR-128 CR-501 to CR-507 CR-509, CR-510 E-701 to E-705 R-101 to R-147	LIST DRAWING SHEETS: L-101 to L-131 L-501 to L-507	LIST DRAWING SHEETS: CG-408, CG-409 CU-109, CU-118 CU-504 to CU-510 CR-106A, CR-119A, CR-508	LIST DRAWING SHEETS: S-001 S-201 to S-217 S-301, S-302 S-501 to S-510 S-521 to S-522 S-524 to S-527 S-601 to S-613	LIST DRAWING SHEETS: E-001, E-002 E-101, E-102

APPROVED:


 Director of Engineering

THE PLANS LISTED AND BOUND HEREIN ARE PART OF THE CONTRACT FOR:

Addison Creek Channel Improvements, SSA

Illinois

2022

11-187-3F LIST OF CONTRACT PLANS

Rev.	Description	Appr.	Date
1	ADDENDUM NO. 2	JAW	01/06/23
2	ADDENDUM NO. 4	JAW	01/25/23
3	ADDENDUM NO. 7	JAW	05/01/23
4	ADDENDUM NO. 8	JAW	05/24/23

NOTE:
THE SCALES WHICH MAY APPEAR ON SOME OF THE CONTRACT PLANS ARE THOSE TO WHICH THE ORIGINAL, FULL SIZE PLANS WERE DRAWN. THEY ARE NOT CORRECT FOR REDUCED-SIZE PLANS. REDUCED CONTRACT PLANS SHOULD NOT BE SCALED FOR DIMENSIONS. TO SCALE DIMENSIONS USE GRAPHIC SCALES WHERE THEY APPEAR ON THE PLANS.

PAGE NO.	SHEET NO.	ADDENDUM NO.	TITLE OF SHEET
GENERAL DRAWINGS			
1	TC-001		COVER SHEET (BOOK 1 OF 2)
2	TS-001		SIGNATURE AND ENGINEERS SEALS
3	TL-001	2, 4, 7, 8	LIST OF CONTRACT PLANS
4	TL-002	2, 4, 7, 8	LIST OF CONTRACT PLANS
5	TL-003	2, 4, 7, 8	LIST OF CONTRACT PLANS
6	TL-004	2, 4, 7, 8	LIST OF CONTRACT PLANS
7	LP-001		LOCATION PLAN
CIVIL DRAWINGS			
8	C-001		GENERAL REFERENCE SYMBOLS
9	C-002		STANDARD ABBREVIATIONS AND SITE SYMBOLS
10	C-003		GENERAL NOTES
11	C-004		GENERAL NOTES
12	C-005	7	GENERAL NOTES
13	C-006		CONTROL DATA - REACH 1-5
14	C-007		CONTROL DATA - REACH 6-9
15	C-008		SEWER ROUTING MAPS - REACH 1, 2 & 6
16	CA-101		ALIGNMENT AND TIES - REACH 1 STA. 284+72 TO STA. 263+20
17	CA-102		ALIGNMENT AND TIES - REACH 1 & 2 STA. 263+20 TO STA. 247+00
18	CA-103		ALIGNMENT AND TIES - REACH 3 STA. 245+77 TO STA. 220+50
19	CA-104		ALIGNMENT AND TIES - REACH 3 STA. 220+50 TO STA. 208+25
20	CA-105		ALIGNMENT AND TIES - REACH 4 & 5 STA. 196+33 TO STA. 181+00
21	CA-106		ALIGNMENT AND TIES - REACH 6 STA. 130+97 TO STA. 118+00
22	CA-107		ALIGNMENT AND TIES - REACH 7 STA. 118+00 TO STA. 97+00
23	CA-108		ALIGNMENT AND TIES - REACH 7 & 8 STA. 97+00 TO STA. 75+55
24	CA-109		ALIGNMENT AND TIES - REACH 9 STA. 39+83 TO STA. 15+50
25	CB-101		SOIL BORINGS LOCATIONS - REACH 1-5
26	CB-102		SOIL BORINGS LOCATIONS - REACH 6-8
27	CB-103		SOIL BORING LOGS - REACH 1
28	CB-104		SOIL BORING LOGS - REACH 1
29	CB-105		SOIL BORING LOGS - REACH 2
30	CB-106		SOIL BORING LOGS - REACH 2
31	CB-107		SOIL BORING LOGS - REACH 3
32	CB-108		SOIL BORING LOGS - REACH 3
33	CB-109		SOIL BORING LOGS - REACH 3
34	CB-110		SOIL BORING LOGS - REACH 3
35	CB-111		SOIL BORING LOGS - REACH 3
36	CB-112		SOIL BORING LOGS - REACH 4
37	CB-113		SOIL BORING LOGS - REACH 5
38	CB-114		SOIL BORING LOGS - REACH 6
39	CB-115		SOIL BORING LOGS - REACH 7
40	CB-116		SOIL BORING LOGS - REACH 8
41	CB-117		SOIL BORING LOGS - REACH 8
42	CE-101	7	EXISTING CONDITIONS - REACH 1 STA. 286+00 TO STA. 263+50
43	CE-101A	7	EXISTING CONDITIONS - REACH 1 NORTHLAKE TRAIL AREA
44	CE-102	7	EXISTING CONDITIONS - REACH 1, 2 & 3 STA. 263+50 TO STA. 234+50
45	CE-103		EXISTING CONDITIONS - REACH 3 STA. 234+50 TO STA. 206+50
46	CE-104		EXISTING CONDITIONS - REACH 4 & 5 STA. 196+33 TO STA. 181+00
47	CE-105	2	EXISTING CONDITIONS - REACH 6 STA. 131+00 TO STA. 124+00
48	CE-106	2, 7	EXISTING CONDITIONS - REACH 6 & 7 STA. 124+00 TO STA. 97+00
49	CE-107		EXISTING CONDITIONS - REACH 7, 8 & 9 STA. 97+00 TO STA. 70+00
50	CE-108		EXISTING CONDITIONS - REACH 9 STA. 46+00 TO STA. 21+00
51	CE-109	4	EXISTING CONDITIONS - REACH 9 STA. 21+00 TO STA. 15+50
52	CT-101		MAINTENANCE OF TRAFFIC - REACH 1
53	CT-102		MAINTENANCE OF TRAFFIC - REACH 2
54	CT-103		MAINTENANCE OF TRAFFIC - REACH 3
55	CT-104		MAINTENANCE OF TRAFFIC - REACH 3
56	CT-105		MAINTENANCE OF TRAFFIC - REACH 4
57	CT-106		MAINTENANCE OF TRAFFIC - REACH 5
58	CT-107		MAINTENANCE OF TRAFFIC - REACH 6 PHASE I
59	CT-108		MAINTENANCE OF TRAFFIC - REACH 6 PHASE II
60	CT-109		MAINTENANCE OF TRAFFIC - REACH 6 PHASE III
61	CT-110		MAINTENANCE OF TRAFFIC - REACH 6 PHASE IV
62	CT-111		MAINTENANCE OF TRAFFIC - REACH 7

PAGE NO.	SHEET NO.	ADDENDUM NO.	TITLE OF SHEET
63	CT-112		MAINTENANCE OF TRAFFIC - REACH 8
64	CT-113		MAINTENANCE OF TRAFFIC - REACH 9
65	CT-501		MAINTENANCE OF TRAFFIC DETAILS
66	CT-502		MAINTENANCE OF TRAFFIC DETAILS
67	CT-503		MAINTENANCE OF TRAFFIC DETAILS
68	CT-504		MAINTENANCE OF TRAFFIC DETAILS
69	CT-505		MAINTENANCE OF TRAFFIC DETAILS
70	CT-506		MAINTENANCE OF TRAFFIC DETAILS
71	CT-507		MAINTENANCE OF TRAFFIC DETAILS
72	CS-101	7	SESC PLAN - REACH 1 STA. 286+00 TO STA. 263+20
73	CS-102	7, 8	SESC PLAN - REACH 1, 2 & 3 STA. 263+20 TO STA. 234+50
74	CS-103	4, 7, 8	SESC PLAN - REACH 3 STA. 234+50 TO STA. 206+50
75	CS-104	7	SESC PLAN - REACH 4 & 5 STA. 196+33 TO STA. 181+00
76	CS-105	2, 7	SESC PLAN - REACH 6 STA. 131+00 TO STA. 124+00
77	CS-106	2, 7	SESC PLAN - REACH 6 & 7 STA. 124+00 TO STA. 97+00
78	CS-107	7	SESC PLAN - REACH 7, 8 & 9 STA. 97+00 TO STA. 70+00
79	CS-108	7	SESC PLAN - REACH 9 STA. 46+00 TO STA. 21+00
80	CS-109	7	SESC PLAN - REACH 9 STA. 21+00 TO STA. 15+50
81	CS-501		SESC DETAILS
82	CS-502		SESC DETAILS
83	CS-503		SESC DETAILS
84	CD-101	2, 4, 7	DEMOLITION PLAN - REACH 1 STA. 285+50 TO STA. 277+50
85	CD-101A	7	DEMOLITION PLAN - REACH 1 NORTHLAKE TRAIL AREA
86	CD-102	4	DEMOLITION PLAN - REACH 1 STA. 277+50 TO STA. 274+00
87	CD-103		DEMOLITION PLAN - REACH 1 STA. 274+00 TO STA. 268+50
88	CD-104	7	DEMOLITION PLAN - REACH 1 JON PAUL PARK
89	CD-105	2, 4, 7	DEMOLITION PLAN - REACH 1 & 2 STA. 264+00 TO STA. 256+00
90	CD-106	2	DEMOLITION PLAN - REACH 2 STA. 256+00 TO STA. 250+50
91	CD-107	2	DEMOLITION PLAN - REACH 2 STA. 250+50 TO STA. 247+00
92	CD-107A		DEMOLITION PLAN - REACH 3 STA. 274+00 TO STA. 234+50
93	CD-108		DEMOLITION PLAN - REACH 3 STA. 234+50 TO STA. 206+50
94	CD-109	2, 4	DEMOLITION PLAN - REACH 4 & 5 STA. 196+33 TO STA. 181+00
95	CD-110	2, 4	DEMOLITION PLAN - REACH 6 STA. 131+00 TO STA. 126+50
96	CD-111	2, 4	DEMOLITION PLAN - REACH 6 - DETAIL STA. 126+50 TO STA. 123+50
97	CD-112	2, 4	DEMOLITION PLAN - REACH 6 - DETAIL STA. 123+50 TO STA. 120+00
98	CD-113	2	DEMOLITION PLAN - REACH 6 & 7 STA. 124+00 TO STA. 97+00
99	CD-114	2	DEMOLITION PLAN - REACH 7, 8 & 9 STA. 97+00 TO STA. 70+00
100	CD-115	2, 4	DEMOLITION PLAN - REACH 8 - DETAIL STA. 95+50 TO STA. 85+00
101	CD-116		DEMOLITION PLAN - REACH 9 STA. 46+00 TO STA. 21+00
102	CD-117	4	DEMOLITION PLAN - REACH 9 STA. 21+00 TO STA. 15+50
103	CG-201	7	PLAN & PROFILE - REACH 1 STA. 284+72 TO STA. 279+80
104	CG-202	7	PLAN & PROFILE - REACH 1 STA. 279+80 TO STA. 274+40
105	CG-203	7	PLAN & PROFILE - REACH 1 STA. 274+40 TO STA. 269+20
106	CG-204	7	PLAN & PROFILE - REACH 1 - DETAIL STA. 274+40 TO STA. 268+80
107	CG-205	7	PLAN & PROFILE - REACH 1 STA. 269+20 TO STA. 264+40
108	CG-206	7	PLAN & PROFILE - REACH 1 STA. 264+40 TO STA. 259+20
109	CG-207	7	PLAN & PROFILE - REACH 2 STA. 259+20 TO STA. 254+20
110	CG-208	8	PLAN & PROFILE - REACH 2 STA. 254+20 TO STA. 248+60
111	CG-209	8	PLAN & PROFILE - REACH 2 - DETAIL STA. 252+00 TO STA. 249+50
112	CG-210		P&P - REACH 2 & 3 STA. 248+60 TO 247+68 & STA. 245+77 TO 242+20
113	CG-211		PLAN & PROFILE - REACH 3 STA. 242+20 TO STA. 237+00
114	CG-212		PLAN & PROFILE - REACH 3 STA. 237+00 TO STA. 231+60
115	CG-213		PLAN & PROFILE - REACH 3 STA. 231+60 TO STA. 227+00
116	CG-214		PLAN & PROFILE - REACH 3 STA. 227+00 TO STA. 222+80
117	CG-215		PLAN & PROFILE - REACH 3 STA. 222+80 TO STA. 218+00
118	CG-216		PLAN & PROFILE - REACH 3 STA. 218+00 TO STA. 213+00
119	CG-217		PLAN & PROFILE - REACH 3 STA. 213+00 TO STA. 209+00
120	CG-217A		P&P - REACH 3 STA. 300+00 TO 310+39 & STA. 400+00 TO 400+80
121	CG-218		PLAN & PROFILE - REACH 4 STA. 196+33 TO STA. 191+20
122	CG-219		PLAN & PROFILE - REACH 4 & 5 STA. 191+20 TO STA. 185+40
123	CG-220		PLAN & PROFILE - REACH 5 STA. 185+40 TO STA. 181+00
124	CG-221	2, 7, 8	PLAN & PROFILE - REACH 6 STA. 130+97 TO STA. 125+00
125	CG-222	2, 7, 8	PLAN & PROFILE - REACH 6 STA. 125+00 TO STA. 119+60
126	CG-223	2, 7, 8	ROADWAY PLAN & PROFILE - REACH 6 STA. 107+21 TO STA. 104+00

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11-187-3F LIST OF CONTRACT PLANS

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1	ADDENDUM NO. 2	JAW	01/06/23
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PAGE NO.	SHEET NO.	ADDENDUM NO.	TITLE OF SHEET	
4	127	CG-224	2, 7, 8	ROADWAY P&P - REACH 6 STA. 104+00 TO 100+00 & STA. 0+00 TO 0+42
3	128	CG-225	4	PLAN & PROFILE - REACH 7 STA. 117+45 TO STA. 112+20
1	129	CG-226	4	PLAN & PROFILE - REACH 7 STA. 112+20 TO STA. 106+60
2	130	CG-227	4	PLAN & PROFILE - REACH 7 STA. 106+60 TO STA. 101+00
	131	CG-228	4	PLAN & PROFILE - REACH 7 STA. 101+00 TO STA. 95+40
	132	CG-229	4	PLAN & PROFILE - REACH 7 & 8 STA. 95+40 TO STA. 89+80
	133	CG-230	4	PLAN & PROFILE - REACH 8 STA. 89+80 TO STA. 84+20
	134	CG-231	4	PLAN & PROFILE - REACH 8 STA. 84+20 TO STA. 78+60
	135	CG-232	4	PLAN & PROFILE - REACH 8 STA. 78+60 TO STA. 75+55
	136	CG-233	4	PLAN & PROFILE - REACH 9 STA. 36+40 TO STA. 30+80
	137	CG-234	4	PLAN & PROFILE - REACH 9 STA. 30+80 TO STA. 25+20
	138	CG-235	4	PLAN & PROFILE - REACH 9 STA. 25+20 TO STA. 19+60
3	139	CG-236	4	PLAN & PROFILE - REACH 9 STA. 19+60 TO STA. 15+50
	140	CG-301	4, 7	CHANNEL TYPICAL SECTIONS
	141	CG-302	4	CHANNEL TYPICAL SECTIONS
	142	CG-303		CHANNEL TYPICAL SECTIONS
	143	CG-401		GRADING & DRAINAGE PLAN - REACH 1 JON PAUL PARK
	144	CG-402		GRADING & DRAINAGE PLAN - REACH 1 JON PAUL PARK
	145	CG-403		GRADING & DRAINAGE PLAN - REACH 1 JON PAUL PARK
	146	CG-404		GRADING & DRAINAGE PLAN - REACH 1 DETAILED GRADING SHEET
	147	CG-405		GRADING & DRAINAGE PLAN - NORTHLAKE TRAIL STA. 9+74 TO STA. 6+50
	148	CG-406		GRADING & DRAINAGE PLAN - NORTHLAKE TRAIL STA. 6+50 TO STA. 3+30
	149	CG-407		GRADING & DRAINAGE PLAN - NORTHLAKE TRAIL STA. 3+30 TO STA. 0+00
	150	CG-408		GRADING & DRAINAGE PLAN - REACH 2 LIFT STATION SITE
	151	CG-409		GRADING & DRAINAGE PLAN - REACH 6 LIFT STATION SITE
4	152	CG-410	8	GRADING & DRAINAGE PLAN - 32ND AVE. TO HARRISON ST. SIDEWALK
2	153	CG-501		GRADING & DRAINAGE DETAILS
	154	CG-502	4	GRADING & DRAINAGE DETAILS
	155	CG-503	4	GRADING & DRAINAGE DETAILS
	156	CG-504		GRADING & DRAINAGE DETAILS
	157	CG-505		GRADING & DRAINAGE DETAILS
	158	CG-506		GRADING & DRAINAGE DETAILS
	159	CG-507		GRADING & DRAINAGE DETAILS
	160	CG-508		GRADING & DRAINAGE DETAILS
	161	CG-509		GRADING & DRAINAGE DETAILS
	162	CG-510		ARTICULATED CONCRETE BLOCK DETAILS
	163	CG-701		CHANNEL CROSS SECTION - REACH 1 STA. 284+16.26 TO STA. 284+00
	164	CG-702		CHANNEL CROSS SECTION - REACH 1 STA. 283+50 TO STA. 282+50
	165	CG-703		CHANNEL CROSS SECTION - REACH 1 STA. 282+00 TO STA. 281+00
	166	CG-704		CHANNEL CROSS SECTION - REACH 1 STA. 280+50 TO STA. 279+50
	167	CG-705		CHANNEL CROSS SECTION - REACH 1 STA. 279+00 TO STA. 278+00
	168	CG-706		CHANNEL CROSS SECTION - REACH 1 STA. 277+50 TO STA. 276+50
	169	CG-707		CHANNEL CROSS SECTION - REACH 1 STA. 276+00 TO STA. 275+00
	170	CG-708		CHANNEL CROSS SECTION - REACH 1 STA. 274+50 TO STA. 273+50
	171	CG-709		CHANNEL CROSS SECTION - REACH 1 STA. 273+00 TO STA. 272+00
	172	CG-710		CHANNEL CROSS SECTION - REACH 1 STA. 271+50 TO STA. 270+50
	173	CG-711		CHANNEL CROSS SECTION - REACH 1 STA. 270+00 TO STA. 269+00
	174	CG-712		CHANNEL CROSS SECTION - REACH 1 STA. 268+50 TO STA. 267+50
	175	CG-713		CHANNEL CROSS SECTION - REACH 1 STA. 267+00 TO STA. 266+00
3	176	CG-714		CHANNEL CROSS SECTION - REACH 1 STA. 265+50 TO STA. 264+50
	177	CG-715	7	CHANNEL CROSS SECTION - REACH 1 STA. 264+00 TO STA. 263+00
	178	CG-716	7	CHANNEL CROSS SECTION - REACH 1 STA. 262+50 TO STA. 261+50
	179	CG-717	7	CHANNEL CROSS SECTION - REACH 1 STA. 261+00 TO STA. 260+15.87
	180	CG-718	7	CHANNEL CROSS SECTION - REACH 2 STA. 259+11.56
1	181	CG-719	2, 7	CHANNEL CROSS SECTION - REACH 2 STA. 259+00 TO STA. 258+00
	182	CG-720	2, 7	CHANNEL CROSS SECTION - REACH 2 STA. 257+50 TO STA. 256+50
	183	CG-721	2, 7	CHANNEL CROSS SECTION - REACH 2 STA. 256+00 TO STA. 255+00
	184	CG-722		CHANNEL CROSS SECTION - REACH 2 STA. 254+50 TO STA. 253+50
	185	CG-723		CHANNEL CROSS SECTION - REACH 2 STA. 253+00 TO STA. 252+00
3	186	CG-724	2, 7	CHANNEL CROSS SECTION - REACH 2 STA. 251+50 TO STA. 250+50
1	187	CG-725	2, 7	CHANNEL CROSS SECTION - REACH 2 STA. 250+00 TO STA. 249+00
	188	CG-726	2, 7	CHANNEL CROSS SECTION - REACH 2 STA. 248+50 TO STA. 247+86.14
	189	CG-727	7	CHANNEL CROSS SECTION - REACH 3 STA. 245+50 TO STA. 245+00
	190	CG-728		CHANNEL CROSS SECTION - REACH 3 STA. 244+50 TO STA. 243+50

PAGE NO.	SHEET NO.	ADDENDUM NO.	TITLE OF SHEET	
	191	CG-729		CHANNEL CROSS SECTION - REACH 3 STA. 243+00 TO STA. 242+00
	192	CG-730		CHANNEL CROSS SECTION - REACH 3 STA. 241+50 TO STA. 240+50
	193	CG-731		CHANNEL CROSS SECTION - REACH 3 STA. 240+00 TO STA. 239+00
	194	CG-732		CHANNEL CROSS SECTION - REACH 3 STA. 238+50 TO STA. 237+50
	195	CG-733		CHANNEL CROSS SECTION - REACH 3 STA. 237+00 TO STA. 236+50
3	196	CG-734	7	CHANNEL CROSS SECTION - REACH 3 STA. 236+00 TO STA. 235+50
	197	CG-735	7	CHANNEL CROSS SECTION - REACH 3 STA. 235+00 TO STA. 234+50
	198	CG-736	7	CHANNEL CROSS SECTION - REACH 3 STA. 234+00 TO STA. 233+50
	199	CG-737		CHANNEL CROSS SECTION - REACH 3 STA. 233+00 TO STA. 232+50
	200	CG-738		CHANNEL CROSS SECTION - REACH 3 STA. 232+00 TO STA. 231+50
	201	CG-739		CHANNEL CROSS SECTION - REACH 3 STA. 231+00 TO STA. 230+50
	202	CG-740		CHANNEL CROSS SECTION - REACH 3 STA. 230+00 TO STA. 229+50
	203	CG-741		CHANNEL CROSS SECTION - REACH 3 STA. 229+00 TO STA. 228+50
	204	CG-742		CHANNEL CROSS SECTION - REACH 3 STA. 228+00 TO STA. 227+50
	205	CG-743		CHANNEL CROSS SECTION - REACH 3 STA. 227+00 TO STA. 226+50
	206	CG-744		CHANNEL CROSS SECTION - REACH 3 STA. 226+00 TO STA. 225+50
	207	CG-745		CHANNEL CROSS SECTION - REACH 3 STA. 225+00 TO STA. 224+50
	208	CG-746		CHANNEL CROSS SECTION - REACH 3 STA. 224+00 TO STA. 223+50
	209	CG-747		CHANNEL CROSS SECTION - REACH 3 STA. 222+500 TO STA. 222+00
	210	CG-748		CHANNEL CROSS SECTION - REACH 3 STA. 221+50 TO STA. 221+00
	211	CG-749		CHANNEL CROSS SECTION - REACH 3 STA. 220+50 TO STA. 220+00
	212	CG-750		CHANNEL CROSS SECTION - REACH 3 STA. 219+50 TO STA. 219+00
	213	CG-751		CHANNEL CROSS SECTION - REACH 3 STA. 218+50 TO STA. 218+00
	214	CG-752		CHANNEL CROSS SECTION - REACH 3 STA. 217+50 TO STA. 217+00
	215	CG-753		CHANNEL CROSS SECTION - REACH 3 STA. 216+50 TO STA. 216+00
	216	CG-754		CHANNEL CROSS SECTION - REACH 3 STA. 215+50 TO STA. 215+00
	217	CG-755		CHANNEL CROSS SECTION - REACH 3 STA. 214+50 TO STA. 214+00
	218	CG-756		CHANNEL CROSS SECTION - REACH 3 STA. 213+50 TO STA. 213+00
	219	CG-757		CHANNEL CROSS SECTION - REACH 3 STA. 212+50 TO STA. 212+00
	220	CG-758		CHANNEL CROSS SECTION - REACH 3 STA. 211+50 TO STA. 211+00
	221	CG-759		CHANNEL CROSS SECTION - REACH 3 STA. 210+50 TO STA. 210+15.50
	222	CG-760		CHANNEL CROSS SECTION - REACH 4 STA. 196+00
	223	CG-761		CHANNEL CROSS SECTION - REACH 4 STA. 195+50 TO STA. 194+50
	224	CG-762		CHANNEL CROSS SECTION - REACH 4 STA. 194+00 TO STA. 193+00
	225	CG-763		CHANNEL CROSS SECTION - REACH 4 STA. 192+50 TO STA. 191+50
	226	CG-764		CHANNEL CROSS SECTION - REACH 4 STA. 191+00 TO STA. 190+00
3	227	CG-765		CHANNEL CROSS SECTION - REACH 4 STA. 189+50 TO STA. 188+50
	228	CG-766	7	CHANNEL CROSS SECTION - REACH 5 STA. 188+02 TO STA. 187+50
	229	CG-767	7	CHANNEL CROSS SECTION - REACH 5 STA. 187+00 TO STA. 186+00
	230	CG-768		CHANNEL CROSS SECTION - REACH 5 STA. 185+50 TO STA. 184+50
	231	CG-769		CHANNEL CROSS SECTION - REACH 5 STA. 184+00 TO STA. 183+00
	232	CG-770		CHANNEL CROSS SECTION - REACH 5 STA. 182+50 TO STA. 181+50
3	233	CG-771		CHANNEL CROSS SECTION - REACH 6 STA. 130+50 TO STA. 129+50
	234	CG-772	7	CHANNEL CROSS SECTION - REACH 6 STA. 129+00 TO STA. 128+00
	235	CG-773	7	CHANNEL CROSS SECTION - REACH 6 STA. 127+50 TO STA. 126+50
	236	CG-774	7	CHANNEL CROSS SECTION - REACH 6 STA. 126+00 TO STA. 125+00
	237	CG-775	7	CHANNEL CROSS SECTION - REACH 6 STA. 124+50 TO STA. 123+50
	238	CG-776	7	CHANNEL CROSS SECTION - REACH 6 STA. 123+00 TO STA. 122+00
	239	CG-777	7	CHANNEL CROSS SECTION - REACH 6 STA. 121+50 TO STA. 120+50
	240	CG-778	7	CHANNEL CROSS SECTION - REACH 6 STA. 120+00 TO STA. 119+50
	241	CG-779		CHANNEL CROSS SECTION - REACH 7 STA. 116+00 TO STA. 114+00
	242	CG-780		CHANNEL CROSS SECTION - REACH 7 STA. 113+00 TO STA. 111+00
	243	CG-781		CHANNEL CROSS SECTION - REACH 7 STA. 110+00 TO STA. 108+00
	244	CG-782		CHANNEL CROSS SECTION - REACH 7 STA. 107+00 TO STA. 105+00
	245	CG-783		CHANNEL CROSS SECTION - REACH 7 STA. 104+00 TO STA. 102+00
	246	CG-784		CHANNEL CROSS SECTION - REACH 7 STA. 101+00 TO STA. 99+00
	247	CG-785		CHANNEL CROSS SECTION - REACH 7 STA. 98+00 TO STA. 96+00
	248	CG-786		CHANNEL CROSS SECTION - REACH 7 STA. 95+00 TO STA. 93+00
	249	CG-787		CHANNEL CROSS SECTION - REACH 7 STA. 92+00
	X	CG-788		NOT USED
3	250	CG-789	7	CHANNEL CROSS SECTION - REACH 8 STA. 90+50 TO STA. 89+50
	251	CG-790	7	CHANNEL CROSS SECTION - REACH 8 STA. 89+00 TO STA. 88+00
	252	CG-791	7	CHANNEL CROSS SECTION - REACH 8 STA. 87+50 TO STA. 86+50
	253	CG-792	7	CHANNEL CROSS SECTION - REACH 8 STA. 86+00 TO STA. 85+50

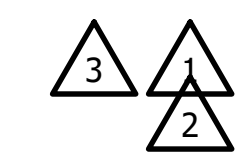
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 PLOT DATE: 5/23/2023 3:23 PM PLOTTED BY: KYLE SOLNER

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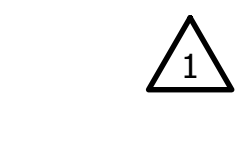
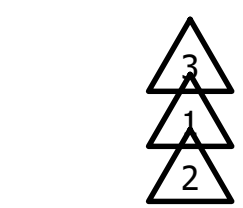
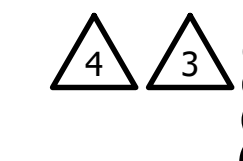
11-187-3F LIST OF CONTRACT PLANS

Rev.	Description	Appr.	Date
1	ADDENDUM NO. 2	JAW	01/06/23
2	ADDENDUM NO. 4	JAW	01/25/23
3	ADDENDUM NO. 7	JAW	05/01/23
4	ADDENDUM NO. 8	JAW	05/24/23

PAGE NO.	SHEET NO.	ADDENDUM NO.	TITLE OF SHEET
254	CG-793		CHANNEL CROSS SECTION - REACH 8 STA. 85+00 TO STA. 84+50
255	CG-794		CHANNEL CROSS SECTION - REACH 8 STA. 84+00 TO STA. 83+50
256	CG-795		CHANNEL CROSS SECTION - REACH 8 STA. 83+00 TO STA. 82+50
257	CG-796		CHANNEL CROSS SECTION - REACH 8 STA. 82+00 TO STA. 81+50
258	CG-797		CHANNEL CROSS SECTION - REACH 8 STA. 81+00 TO STA. 80+50
259	CG-798		CHANNEL CROSS SECTION - REACH 8 STA. 80+00 TO STA. 79+50
260	CG-799		CHANNEL CROSS SECTION - REACH 8 STA. 79+00 TO STA. 78+50
261	CG-800		CHANNEL CROSS SECTION - REACH 8 STA. 78+00 TO STA. 77+50
262	CG-801		CHANNEL CROSS SECTION - REACH 8 STA. 77+00 TO STA. 76+50
263	CG-802		CHANNEL CROSS SECTION - REACH 8 STA. 76+00 TO STA. 75+55
264	CG-803		CHANNEL CROSS SECTION - REACH 9 STA. 33+50 TO STA. 32+50
265	CG-804		CHANNEL CROSS SECTION - REACH 9 STA. 31+50 TO STA. 29+50
266	CG-805		CHANNEL CROSS SECTION - REACH 9 STA. 28+50 TO STA. 26+50
267	CG-806		CHANNEL CROSS SECTION - REACH 9 STA. 25+50 TO 23+50
268	CG-807		CHANNEL CROSS SECTION - REACH 9 STA. 22+50 TO STA. 20+50
269	CG-808		CHANNEL CROSS SECTION - REACH 9 STA. 19+50 TO STA. 17+50
270	CG-809		CHANNEL CROSS SECTION - REACH 9 STA. 16+50
271	TC-002		COVER SHEET (BOOK 2 OF 2)
272	CU-101		UTILITY PLAN - SAN. SEWER - REACH 1 46TH AVE TO 46TH PL
273	CU-102		UTILITY PLAN - WATER MAIN - REACH 1 MEADOWCREEK
274	CU-103		UTILITY PLAN - WATER MAIN - REACH 1 46TH AVE CREEK CROSSING
275	CU-104		UTILITY PLAN - WATER MAIN - REACH 1 NORTHLAKE TRAIL AREA
276	CU-105		UTILITY PLAN - WATER MAIN - REACH 1 NORTHLAKE TRAIL AREA
277	CU-106		UTILITY PLAN - WATER MAIN - REACH 1 NORTHLAKE TRAIL AREA
278	CU-107	2	UTILITY PLAN - WATER MAIN - REACH 1 STA. 264+00 TO STA. 263+50
279	CU-108		UTILITY PLAN - WATER MAIN - REACH 2 STA. 255+50 TO STA. 255+00
280	CU-109		UTILITY PLAN - SAN. SEWER - REACH 2 STA. 255+50 TO STA. 255+00
281	CU-110	8	UTILITY PLAN - WATER MAIN - REACH 2 STA. 251+50 TO STA. 249+00
282	CU-111		UTILITY PLAN - WATER MAIN - REACH 2 STA. 249+40 TO STA. 249+55
283	CU-112		UTILITY PLAN - WATER MAIN - REACH 4 STA. 189+10 TO STA. 188+70
284	CU-113	2	UTILITY PLAN - WATER MAIN - REACH 6 STA. 128+00 TO STA. 125+30
285	CU-114	2	UTILITY PLAN - WATER MAIN - REACH 6 STA. 125+30 TO STA. 122+50
286	CU-115	2	UTILITY PLAN - WATER MAIN - REACH 6 STA. 122+50 TO STA. 121+30
287	CU-116	2, 7	UTILITY PLAN - WATER MAIN - REACH 6 30TH AVENUE
288	CU-117	2, 7	UTILITY PLAN - WATER MAIN - REACH 6 32ND AVENUE
289	CU-118	2, 7	UTILITY PLAN - SAN. SEWER - REACH 6 STA. 129+00
290	CU-119	2	UTILITY PLAN - SAN. SEWER - REACH 6 STA. 128+50 TO STA. 126+00
291	CU-120	2	UTILITY PLAN - SAN. SEWER - REACH 6 STA. 126+00 TO STA. 123+20
292	CU-121	2	UTILITY PLAN - SAN. SEWER - REACH 6 STA. 123+20 TO STA. 120+40
293	CU-122	2, 7	UTILITY PLAN - SAN. SEWER - REACH 6 STA. 120+40 TO STA. 119+36
294	CU-123	2	UTILITY PLAN - WATER MAIN - REACH 6 HARRISON STREET
295	CU-124		UTILITY PLAN - WATER MAIN - REACH 8 STA. 89+50 TO STA. 88+50
296	CU-501		UTILITY DETAILS
297	CU-502		UTILITY DETAILS
298	CU-503		UTILITY DETAILS
299	CU-504		LIFT STATION DETAILS
300	CU-505		LIFT STATION DETAILS
301	CU-506		LIFT STATION DETAILS
302	CU-507		LIFT STATION DETAILS
303	CU-508		LIFT STATION DETAILS
304	CU-509		LIFT STATION DETAILS
305	CU-510		LIFT STATION DETAILS
306	CR-101	7	RESTORATION PLAN - REACH 1 STA. 284+72 TO STA. 279+80
307	CR-102	7	RESTORATION PLAN - REACH 1 STA. 279+80 TO STA. 274+40
308	CR-103	7	RESTORATION PLAN - REACH 1 STA. 274+40 TO STA. 269+20
309	CR-104	7	RESTORATION PLAN - REACH 1 STA. 269+20 TO STA. 264+40
310	CR-105	7	RESTORATION PLAN - REACH 1 STA. 264+40 TO STA. 259+20
311	CR-106	2, 7	RESTORATION PLAN - REACH 2 STA. 259+20 TO STA. 254+20
312	CR-106A		RESTORATION PLAN - REACH 2 LIFT STATION SITE
313	CR-107	8	RESTORATION PLAN - REACH 2 STA. 254+20 TO STA. 249+00
314	CR-108		RESTORATION PLAN - REACH 2 & 3 STA. 249+00 TO STA. 243+20
315	CR-109		RESTORATION PLAN - REACH 3 STA. 243+20 TO STA. 238+00
316	CR-110		RESTORATION PLAN - REACH 3 STA. 238+00 TO STA. 232+20
317	CR-111		RESTORATION PLAN - REACH 3 STA. 232+20 TO STA. 227+20



PAGE NO.	SHEET NO.	ADDENDUM NO.	TITLE OF SHEET
318	CR-112		RESTORATION PLAN - REACH 3 STA. 227+20 TO STA. 222+50
319	CR-113		RESTORATION PLAN - REACH 3 STA. 222+50 TO STA. 217+50
320	CR-114		RESTORATION PLAN - REACH 3 STA. 217+50 TO STA. 212+50
321	CR-115		RESTORATION PLAN - REACH 3 STA. 212+50 TO STA. 209+50
322	CR-116		RESTORATION PLAN - REACH 4 STA. 196+33 TO STA. 191+50
323	CR-117		RESTORATION PLAN - REACH 4 & 5 STA. 191+50 TO STA. 186+20
324	CR-118		RESTORATION PLAN - REACH 5 STA. 186+20 TO STA. 181+00
325	CR-119		RESTORATION PLAN - REACH 6 STA. 130+97 TO STA. 125+00
326	CR-119A		RESTORATION PLAN - REACH 6 LIFT STATION SITE
327	CR-120	2, 7	RESTORATION PLAN - REACH 6 STA. 125+00 TO STA. 119+00
328	CR-121	4	RESTORATION PLAN - REACH 7 STA. 117+45 TO STA. 112+20
329	CR-122	4	RESTORATION PLAN - REACH 7 STA. 112+20 TO STA. 101+00
330	CR-123	4	RESTORATION PLAN - REACH 7 & 8 STA. 101+00 TO STA. 89+80
331	CR-124	4	RESTORATION PLAN - REACH 8 STA. 89+80 TO STA. 78+60
332	CR-125	4	RESTORATION PLAN - REACH 8 STA. 78+60 TO STA. 75+55
333	CR-126	4	RESTORATION PLAN - REACH 9 STA. 36+50 TO STA. 30+80
334	CR-127	4	RESTORATION PLAN - REACH 9 STA. 30+80 TO STA. 25+20
335	CR-128	4	RESTORATION PLAN - REACH 9 STA. 25+20 TO STA. 15+50
336	CR-501		RESTORATION DETAILS
337	CR-502		RESTORATION DETAILS
338	CR-503		RESTORATION DETAILS
339	CR-504		RESTORATION DETAILS
340	CR-505		RESTORATION DETAILS
341	CR-506		RESTORATION DETAILS
342	CR-507		RESTORATION DETAILS
343	CR-508		RESTORATION DETAILS
344	CR-509		RESTORATION DETAILS
345	CR-510		RESTORATION DETAILS
LANDSCAPE			
346	L-101	7, 8	LANDSCAPE PLAN - REACH 1 STA. 284+72 TO STA. 279+80
347	L-102	7, 8	LANDSCAPE PLAN - REACH 1 STA. 279+80 TO STA. 274+40
348	L-103	7, 8	LANDSCAPE PLAN - REACH 1 STA. 274+40 TO STA. 269+20
349	L-104	2, 7	LANDSCAPE PLAN - REACH 1 - DETAIL STA. 271+00 TO STA. 269+00
350	L-105	2, 7	LANDSCAPE PLAN - REACH 1 STA. 269+20 TO STA. 264+40
351	L-106	2	LANDSCAPE PLAN - REACH 1 - DETAIL STA. 268+40 TO STA. 267+00
352	L-107	2	LANDSCAPE PLAN - REACH 1 - DETAIL STA. 266+00 TO STA. 264+00
353	L-108	7	LANDSCAPE PLAN - REACH 1 STA. 264+40 TO STA. 259+20
354	L-109	7	LANDSCAPE PLAN - REACH 2 STA. 259+20 TO STA. 250+20
355	L-110		LANDSCAPE PLAN - REACH 2 STA. 254+20 TO STA. 249+00
356	L-111		LANDSCAPE PLAN - REACH 2 & 3 STA. 249+00 TO STA. 243+20
357	L-112		LANDSCAPE PLAN - REACH 3 STA. 243+20 TO STA. 238+00
358	L-113		LANDSCAPE PLAN - REACH 3 STA. 238+00 TO STA. 232+20
359	L-114		LANDSCAPE PLAN - REACH 3 STA. 232+20 TO STA. 227+20
360	L-115		LANDSCAPE PLAN - REACH 3 STA. 227+20 TO STA. 222+50
361	L-116		LANDSCAPE PLAN - REACH 3 STA. 222+50 TO STA. 217+50
362	L-117		LANDSCAPE PLAN - REACH 3 STA. 217+50 TO STA. 212+50
363	L-118		LANDSCAPE PLAN - REACH 3 STA. 212+50 TO STA. 209+50
364	L-119		LANDSCAPE PLAN - REACH 4 STA. 196+33 TO STA. 191+50
365	L-120		LANDSCAPE PLAN - REACH 4 & 5 STA. 191+50 TO STA. 186+20
366	L-121		LANDSCAPE PLAN - REACH 5 STA. 186+20 TO STA. 181+00
367	L-122	7	LANDSCAPE PLAN - REACH 6 STA. 130+97 TO STA. 125+00
368	L-123	2, 7	LANDSCAPE PLAN - REACH 6 STA. 125+00 TO STA. 119+00
369	L-124	4	LANDSCAPE PLAN - REACH 7 STA. 117+45 TO STA. 112+20
370	L-125	4	LANDSCAPE PLAN - REACH 7 STA. 112+20 TO STA. 101+00
371	L-126	4	LANDSCAPE PLAN - REACH 7 & 8 STA. 101+00 TO STA. 89+80
372	L-127	4	LANDSCAPE PLAN - REACH 8 STA. 89+80 TO STA. 78+60
373	L-128	4	LANDSCAPE PLAN - REACH 8 STA. 78+60 TO STA. 75+55
374	L-129	4	LANDSCAPE PLAN - REACH 9 STA. 38+00 TO STA. 27+80
375	L-130	4	LANDSCAPE PLAN - REACH 9 STA. 27+80 TO STA. 17+60
376	L-131	4	LANDSCAPE PLAN - REACH 9 STA. 17+60 TO STA. 15+50
377	L-501	2	LANDSCAPE DETAILS
378	L-502		LANDSCAPE DETAILS
379	L-503		LANDSCAPE DETAILS
380	L-504		LANDSCAPE DETAILS



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PAGE NO.	SHEET NO.	ADDENDUM NO.	TITLE OF SHEET
381	L-505		LANDSCAPE DETAILS
382	L-506		LANDSCAPE DETAILS
383	L-507		LANDSCAPE DETAILS
STRUCTURAL			
1	384	S-001 2	STRUCTURAL GENERAL NOTES
	385	S-201	SOLDIER PILE WALL 1 P&P - REACH 1 STA. 263+67 TO STA. 262+00
	386	S-201A	SOLDIER PILE WALL 1 P&P - REACH 1 STA. 262+00 TO STA. 260+16
	387	S-202	SOLDIER PILE WALL 2 P&P - REACH 1 STA. 263+67 TO STA. 262+00
	388	S-202A	SOLDIER PILE WALL 2 P&P - REACH 1 STA. 262+00
	389	S-203	SOLDIER PILE WALL 3 P&P - REACH 2 STA. 259+01 TO STA. 256+20
	390	S-204	SOLDIER PILE WALL 3 P&P - REACH 2 STA. 256+20
	391	S-205	SOLDIER PILE WALL 4 P&P - REACH 2 STA. 258+42
	392	S-206	SOLDIER PILE WALL 4 P&P - REACH 2 STA. 255+90 TO STA. 254+50
	393	S-207	SOLDIER PILE WALL 5 P&P - REACH 2 STA. 251+10 TO STA. 249+50
	394	S-208	SOLDIER PILE WALL 5 P&P - REACH 2 STA. 249+50 TO STA. 247+93
	395	S-209	SOLDIER PILE WALL 6 P&P - REACH 2 STA. 251+10 TO STA. 248+10
	396	S-210	SOLDIER PILE WALL 7 P&P - REACH 3 STA. 245+77 TO STA. 245+00
	397	S-211	SOLDIER PILE WALL 8 P&P - REACH 3 STA. 235+70 TO STA. 233+62
1	398	S-212 2	SOLDIER PILE WALL 9 P&P - REACH 5 STA. 188+02 TO STA. 185+50
	399	S-213 2	SOLDIER PILE WALL 10 P&P - REACH 5 STA. 188+02 TO STA. 185+40
	400	S-214	SOLDIER PILE WALL 11 P&P - REACH 8 STA. 90+65 TO STA. 87+80
	401	S-215	SOLDIER PILE WALL 11 P&P - REACH 8 STA. 87+80 TO STA. 85+20
	402	S-216	SOLDIER PILE WALL 12 P&P - REACH 8 STA. 90+65 TO STA. 87+80
	403	S-217	SOLDIER PILE WALL 12 P&P - REACH 8 STA. 87+80 TO STA. 85+20
3	404	S-301 2, 7	SOLDIER PILE WALL TYPICAL SECTIONS PRECAST CONCRETE LAGGING
4	405	S-302 4, 8	GABION WALL TYPICAL SECTIONS
2	406	S-501 8	SOLDIER PILE WALL DETAILS PRECAST LAGGING CONNECTION TO PILES
2	407	S-502 8	SOLDIER PILE WALL DETAILS PRECAST CONCRETE LAGGING PANELS
3	408	S-503	SOLDIER PILE WALL DETAILS SPECIAL CAST-IN-PLACE CONCRETE FACING
3	409	S-504 7	SOLDIER PILE WALL DETAILS TYPICAL CAST-IN-PLACE CONCRETE FACING
	410	S-504A	SOLDIER PILE WALL DETAILS TYPICAL CAST-IN-PLACE CONCRETE FACING
	411	S-505	SOLDIER PILE WALL DETAILS WALLS 1 & 2 - D.S. ENDS
	412	S-506	SOLDIER PILE WALL DETAILS WALLS 3 & 4 - U.S. ENDS
	413	S-507	SOLDIER PILE WALL DETAILS WALLS 5 & 6 - D.S. ENDS
	414	S-508	SOLDIER PILE WALL DETAILS WALLS 7 & 8 - U.S. ENDS
1	415	S-509 2	SOLDIER PILE WALL DETAILS WALLS 9 & 10 - U.S. ENDS
	416	S-510 2	CONCRETE FACED SOLDIER PILE WALL DETAILS AT PENETRATIONS
	417	S-521	GABION WALL DETAILS
	418	S-522	GABION WALL TYPICAL SECTIONS
	X	S-523	NOT USED
	419	S-524	SOLDIER PILE WALL DETAILS WEIR WALL DEMO AT SN 016-2630 REACH 2
	420	S-525	CONC SLOPE WALL AT UPRR BRIDGE 12.07 OVER ADDISON CREEK
	421	S-526	CONCRETE SLOPE WALL DETAILS
	422	S-527	DEMOLITION PLANS FOR BRIDGES REACH 6
	423	S-601	SCHEDULE - SOLDIER PILES - WALL 1
1	424	S-602 2	SCHEDULE - SOLDIER PILES - WALL 2
	425	S-603	SCHEDULE - SOLDIER PILES - WALL 3
	426	S-604	SCHEDULE - SOLDIER PILES - WALL 4
	427	S-605	SCHEDULE - SOLDIER PILES - WALL 5
1	428	S-606 2	SCHEDULE - SOLDIER PILES - WALL 6
	429	S-607 2	SCHEDULE - SOLDIER PILES - WALL 7
	430	S-608 2	SCHEDULE - SOLDIER PILES - WALL 8
	431	S-609 2	SCHEDULE - SOLDIER PILES - WALL 9
	432	S-610 2	SCHEDULE - SOLDIER PILES - WALL 10
	433	S-611	SCHEDULE - SOLDIER PILES - WALL 11
	434	S-612	SCHEDULE - SOLDIER PILES - WALL 12
	435	S-613	GENERAL PLAN AND ELEVATION ST. CHARLES RD. OVER ADDISON CREEK
ELECTRICAL			
	436	E-001	ELECTRICAL NOTES, SYMBOLS AND ABBREVIATIONS
3	437	E-002 7	ELECTRICAL GENERAL SPECIFICATIONS
4	438	E-101 7, 8	ELECTRICAL SITE PLAN & ONE-LINE DIAGRAM - REACH 2 LIFT STATION
	439	E-102 7, 8	ELECTRICAL SITE PLAN & ONE-LINE DIAGRAM - REACH 6 LIFT STATION
	440	E-701 7	LIGHTING AND UTILITY PLAN - REACH 1 STA. 284+72 TO STA. 279+80
	441	E-702 7	LIGHTING AND UTILITY PLAN - REACH 1 STA. 279+80 TO STA. 274+40
	442	E-703 7	LIGHTING AND UTILITY PLAN - REACH 1 STA. 274+40 TO STA. 269+20

PAGE NO.	SHEET NO.	ADDENDUM NO.	TITLE OF SHEET
3	443	E-704 7	LIGHTING AND UTILITY PLAN - REACH 1 STA. 269+20 TO STA. 264+40
	444	E-705 7	LIGHTING AND UTILITY PLAN - REACH 1, 2 & 6
REFERENCE			
	445	R-101	WESTCHESTER 24-INCH WATER SUPPLY LINE
	446	R-102	IDOT MANNHEIM ROAD OVER ADDISON CREEK PLANS DATED 12-07-2017
	447	R-103	IDOT MANNHEIM ROAD OVER ADDISON CREEK PLANS DATED 12-07-2017
	448	R-104	IDOT MANNHEIM ROAD OVER ADDISON CREEK PLANS DATED 12-07-2017
	449	R-105	IDOT MANNHEIM ROAD OVER ADDISON CREEK PLANS DATED 12-07-2017
	450	R-106	IDOT MANNHEIM ROAD OVER ADDISON CREEK PLANS DATED 12-07-2017
	451	R-107	IDOT MANNHEIM ROAD OVER ADDISON CREEK PLANS DATED 12-07-2017
	452	R-108	IDOT MANNHEIM ROAD OVER ADDISON CREEK PLANS DATED 12-07-2017
	453	R-109	IDOT MANNHEIM ROAD OVER ADDISON CREEK PLANS DATED 12-07-2017
	454	R-110	IDOT LAKE STREET OVER ADDISON CREEK PLANS DATED 01-24-2011
	455	R-111	IDOT LAKE STREET OVER ADDISON CREEK PLANS DATED 01-24-2011
	456	R-112	IDOT LAKE STREET OVER ADDISON CREEK PLANS DATED 01-24-2011
	457	R-113	IDOT LAKE STREET OVER ADDISON CREEK PLANS DATED 01-24-2011
	458	R-114	IDOT LAKE STREET OVER ADDISON CREEK PLANS DATED 01-24-2011
	459	R-115	IDOT LAKE STREET OVER ADDISON CREEK PLANS DATED 01-24-2011
	460	R-116	IDOT LAKE STREET OVER ADDISON CREEK PLANS DATED 01-24-2011
	461	R-117	IDOT LAKE STREET OVER ADDISON CREEK PLANS DATED 01-24-2011
	462	R-118	IDOT LAKE STREET OVER ADDISON CREEK PLANS DATED 01-24-2011
	463	R-119	IDOT ST. CHARLES ROAD OVER ADDISON CREEK PLANS DATED 10-13-2000
	464	R-120	IDOT ST. CHARLES ROAD OVER ADDISON CREEK PLANS DATED 10-13-2000
	465	R-121	IDOT ST. CHARLES ROAD OVER ADDISON CREEK PLANS DATED 10-13-2000
	466	R-122	IDOT ST. CHARLES ROAD OVER ADDISON CREEK PLANS DATED 10-13-2000
	467	R-123	MWRD BERKELEY-HILLSIDE INTERCEPTING SEWER PLANS DATED 09-05-1930
	468	R-124	MWRD BERKELEY-HILLSIDE INTERCEPTING SEWER PLANS DATED 09-05-1930
	469	R-125	REACH 3 14 INCH TRANSITE WATER MAIN
	470	R-126	IDOT LAKE STREET INTERCEPTOR PLANS DATED 06-29-1973
	471	R-127	IDOT LAKE STREET INTERCEPTOR PLANS DATED 06-29-1973
	472	R-128	IDOT LAKE STREET INTERCEPTOR PLANS DATED 06-29-1973
	473	R-129	IDOT LAKE STREET INTERCEPTOR PLANS DATED 06-29-1973
	474	R-130	IDOT LAKE STREET INTERCEPTOR PLANS DATED 06-29-1973
	475	R-131	IDOT LAKE STREET INTERCEPTOR PLANS DATED 06-29-1973
	476	R-132	IDOT LAKE STREET INTERCEPTOR PLANS DATED 06-29-1973
	477	R-133	IDOT LAKE STREET INTERCEPTOR PLANS DATED 06-29-1973
	478	R-134	IDOT LAKE STREET INTERCEPTOR PLANS DATED 06-29-1973
	479	R-135	IDOT LAKE STREET INTERCEPTOR PLANS DATED 06-29-1973
	480	R-136	IDOT LAKE STREET INTERCEPTOR PLANS DATED 06-29-1973
	481	R-137	IDOT LAKE STREET INTERCEPTOR PLANS DATED 06-29-1973
	482	R-138	IDOT SANITARY SIPHON AT CERMAK ROAD PLANS DATED 2022-07-22
	483	R-139	IDOT SANITARY SIPHON AT CERMAK ROAD PLANS DATED 2022-07-22
	484	R-140	IDOT SANITARY SIPHON AT CERMAK ROAD PLANS DATED 2022-07-22
	485	R-141	IDOT GLADSTONE STREET OVER ADDISON CREEK PLANS DATED 11-17-2021
	486	R-142	IDOT GLADSTONE STREET OVER ADDISON CREEK PLANS DATED 11-17-2021
	487	R-143	IDOT GLADSTONE STREET OVER ADDISON CREEK PLANS DATED 11-17-2021
	488	R-144	IDOT CERMAK ROAD OVER ADDISON CREEK PLANS DATED 11-05-2020
	489	R-145	IDOT CERMAK ROAD OVER ADDISON CREEK PLANS DATED 11-05-2020
	490	R-146	IDOT CERMAK ROAD OVER ADDISON CREEK PLANS DATED 11-05-2020
	491	R-147	IDOT CERMAK ROAD OVER ADDISON CREEK PLANS DATED 11-05-2020

PLOT DATE: 5/26/2023 10:20 AM PLOTTED BY: KYLE SOLINER

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 PLOT DATE: 9/22/2022 2:50 PM PLOTTED BY: KYLE SOLNER



Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**

Designed by: PML
Checked by: PML
Drawn by: KSS
Correct:

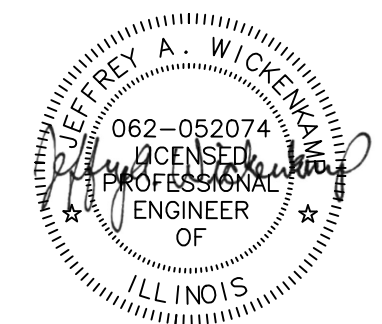
Scale: AS SHOWN
Date: 2022

Reviewed by: JAW

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CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

LOCATION PLAN



Sheet Number:
LP-001

Page Number: **7**



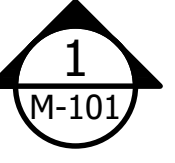
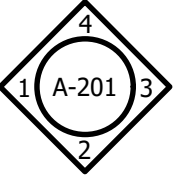
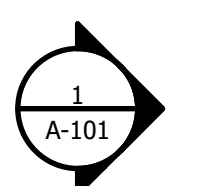
GROUND FLOOR PLAN
SCALE: 1/4"=1'-0"

LOCATION PLAN
CALUMET WATER RECLAMATION PLANT
SCALE: 1/4"=1'-0"

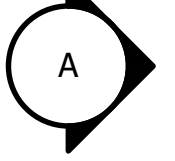
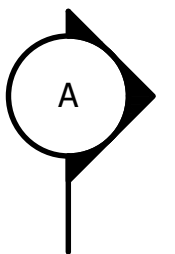
GROUND LEVEL FLOOR PLAN
SCALE: 1/4"=1'-0"

DETAIL TITLE
SCALE: 3/4"=1'-0"
(S-101, S-201)

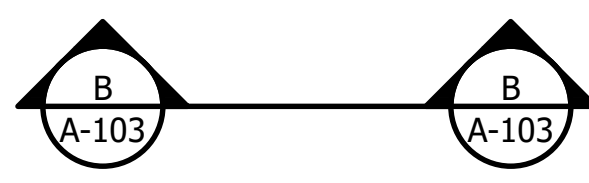
NORTH ELEVATION
SCALE: 1/4"=1'-0"



FOR CONTINUATION SEE SHEET X-XXX



SECTION A-A
SCALE: 3/4"=1'-0"



SECTION B-B
SCALE: 3/4"=1'-0"

MWRD NORTH ARROW
PLACED ON EACH PLAN VIEW AT
UPPER LEFT CORNER OF DRAWING
LAYER: G-ANNO-NRTH

DRAWING TITLE
FOR LOCATION PLAN OR PLAN VIEW
DRAWINGS ONLY
IF DRAWING IS NOT TO SCALE
SCALE = NOT TO SCALE
LAYER: G-ANNO-TITL

DRAWING TITLE
FOR FLOOR PLAN OR PLAN VIEW
DRAWINGS ONLY
IF DRAWING IS NOT TO SCALE
SCALE = NOT TO SCALE
LAYER: G-ANNO-TITL

DETAIL TITLE
NUMBER IS DETAIL NUMBER OF
VIEW ON SAME SHEET
LAYER: G-ANNO-TITL

OPTIONAL (S-101) (S-201)
REFERENCE SHEET ON WHICH
DETAIL APPEARS

ELEVATION TITLE
NUMBER IS ELEVATION NUMBER OF
VIEW ON SAME SHEET
LAYER: G-ANNO-TITL

ELEVATION REFERENCE
TOP NUMBER IS ELEVATION DRAWING
NUMBER, BOTTOM NUMBER IS
SHEET ON WHICH ELEVATION VIEW
APPEARS
LAYER: G-ANNO-SYMB

ELEVATION REFERENCE
REFERENCING FOUR ELEVATIONS ON
ONE SHEET
LAYER: G-ANNO-SYMB

WALL SECTION DETAIL
TOP NUMBER IS WALL SECTION
NUMBER BOTTOM NUMBER IS SHEET
ON WHICH WALL SECTION APPEARS.
LAYER: G-ANNO-SYMB

MATCH LINE REFERENCE
LAYER: G-ANNO-MATC

**BUILDING AND/OR PLAN DRAWING CROSS
SECTION REFERENCE**
LETTER IN CIRCLE IS DRAWING SECTION ON
SAME SHEET
LAYER: G-ANNO-SYMB

**BUILDING AND/OR PLAN DRAWING CROSS
SECTION TITLE**
LETTERS ARE SECTIONS ON SAME SHEET
LAYER: G-ANNO-TITL

**BUILDING AND/OR PLAN DRAWING CROSS
SECTION REFERENCE**
TOP LETTERS ARE DRAWING SECTION
LETTERS, BOTTOM LETTER AND NUMBER IS
SHEET ON WHICH SECTION APPEARS. USE
"PHANTOM" LINETYPE THRU STRUCTURE -
MAY BE BROKEN FOR CLARITY OF DRAWING
DETAIL. LAYER: G-ANNO-SYMB

**BUILDING AND/OR PLAN DRAWING CROSS
SECTION TITLE**
LETTERS ARE DRAWING SECTION
LAYER: G-ANNO-TITL

IF DRAWING IS NOT TO SCALE
SCALE = NOT TO SCALE

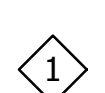
OFFICE

101

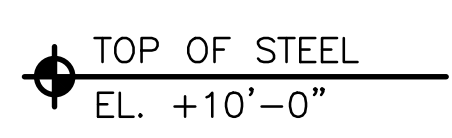
9'-0"



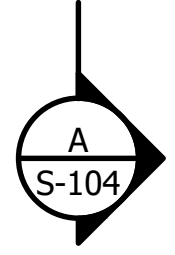
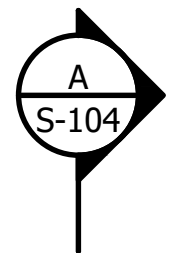
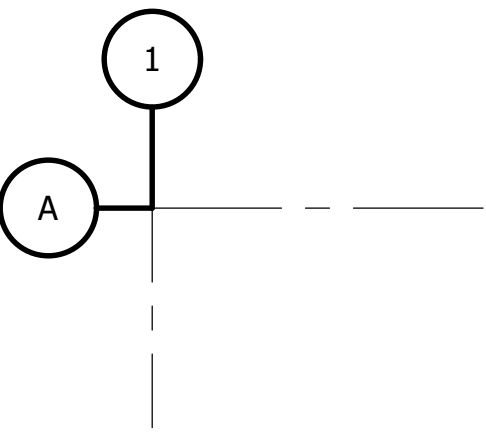
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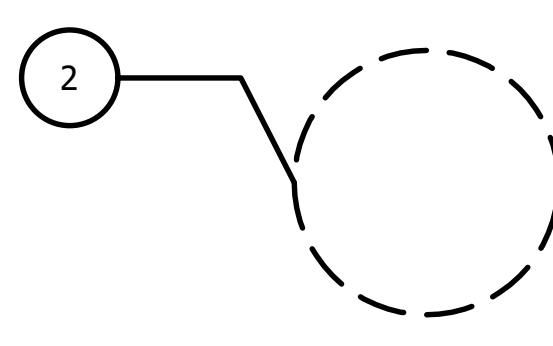
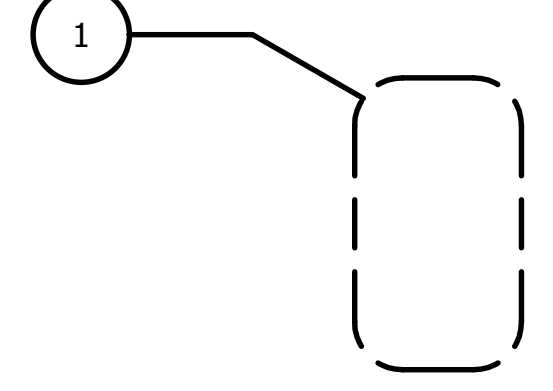
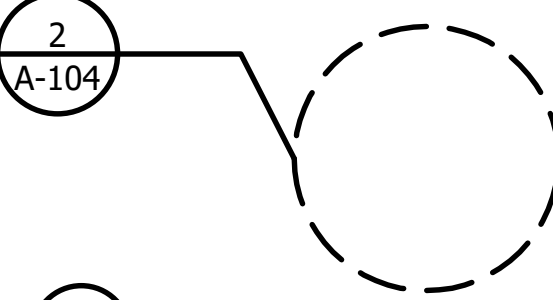
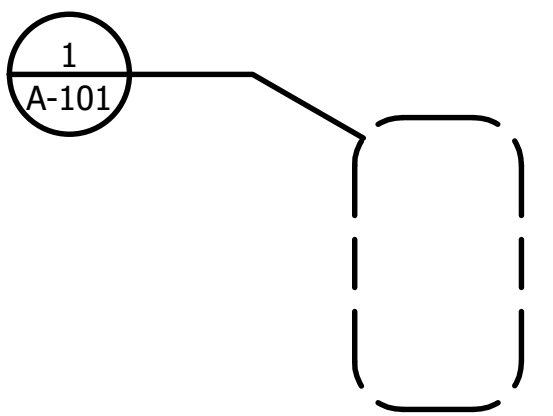
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EL. +12.00



SECTION A-A
SCALE: 3/4"=1'-0"



ROOM OR SPACE NUMBER

CEILING HEIGHT OR EQUIPMENT
NUMBER.

EQUIPMENT NUMBER.

DOOR NUMBER

WINDOW NUMBER

WALL PARTITION TYPE

ELEVATION REFERENCE

COLUMN REFERENCE
USE NUMBERS ON HORIZONTAL GRID
LINES AND LETTERS ON VERTICAL
GRID LINES
USE "CENTER" LINETYPE FOR GRID
LINES THRU COLUMNS

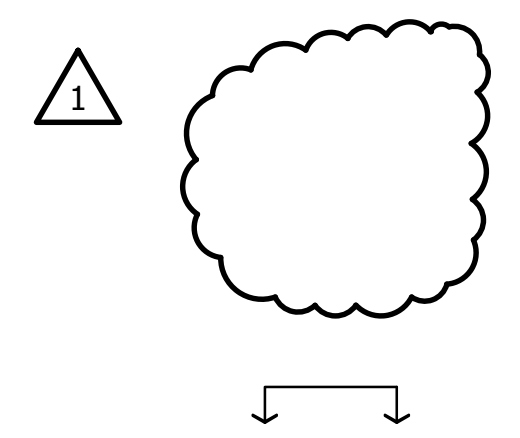
**BUILDING AND/OR PLAN DRAWING CROSS
SECTION REFERENCE**
TOP LETTERS ARE DRAWING SECTION
LETTERS, BOTTOM LETTER AND NUMBER IS
SHEET ON WHICH SECTION APPEARS. USE
"PHANTOM" LINETYPE THRU STRUCTURE -
MAY BE BROKEN FOR CLARITY OF DRAWING
DETAIL
LAYER: G-ANNO-SYMB

**BUILDING AND/OR PLAN DRAWING
CROSS SECTION TITLE**
LETTERS ARE DRAWING SECTION

IF DRAWING IS NOT TO SCALE
SCALE = NOT TO SCALE
LAYER: G-ANNO-TITL

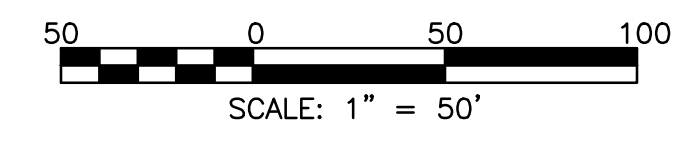
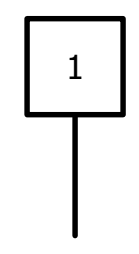
DETAIL REFERENCE
TOP NUMBER IS DETAIL NUMBER
BOTTOM NUMBER IS SHEET ON
WHICH DETAIL APPEARS.
DENOTE REFERENCED AREA WITH
"DASHED" LINETYPE
LAYER: G-ANNO-SYMB

DETAIL REFERENCE
NUMBER IS DETAIL NUMBER
DENOTES DETAIL APPEARS ON SAME
SHEET.
DENOTE REFERENCED AREA WITH
"DASHED" LINETYPE
LAYER: G-ANNO-SYMB

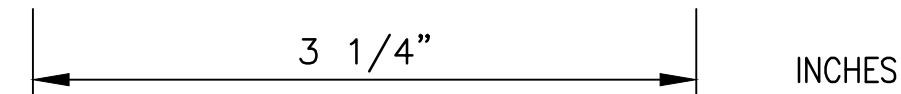
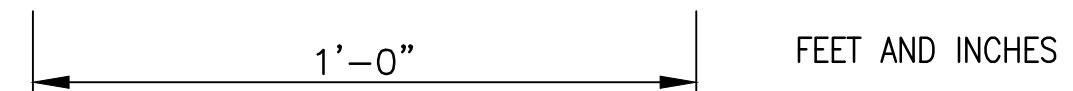


ADDENDUM NO. 1 XX 0/00/00

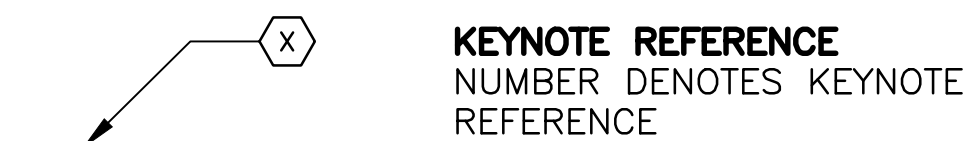
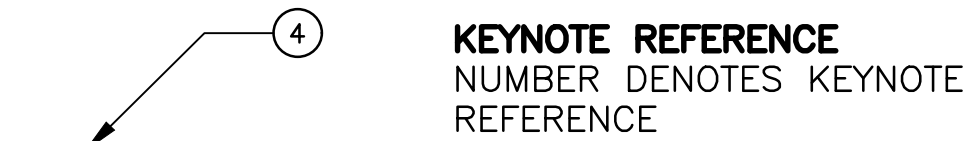
ISSUE FOR REVIEW xx 0/00/00



STANDARD DIMENSIONS



USE APPLICABLE SYMBOL BELOW FOR KEY NOTE DESIGNATION



REVISION TARGET AND CLOUD
REVISION AREA CIRCLED
REVISION TAG LAYER G-ANNO-REVS
REVISION CLOUD LAYER G-ANNO-REVC

REVISION ISSUE
NUMBER IN TRIANGLE DENOTES
REVISION NUMBER ON SHEET
ADDENDUM NO 1 DENOTES ADDENDA
RELEASE NUMBER XX DENOTES
ENGINEER INITIALS 00/00/00
DENOTES ISSUE DATE

ISSUE
NUMBER IN DENOTES SEQUENCE
NUMBER ON SHEET. ISSUE FOR
REVIEW DENOTES RELEASE
DESCRIPTION XX DENOTES ENGINEER
INITIALS 00/00/00 DENOTES ISSUE
DATE

GENERAL NOTES:

- 1. XXXXXXXXXXXXXXXX
- 2. XXXXXXXXXXXXXXXX
- 3. XXXXXXXXXXXXXXXX
- 4. XXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXX
- 5. XXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXX

NOTES:

- 1. XXXXXXXXXXXXXXXX
- 2. XXXXXXXXXXXXXXXX
- 3. XXXXXXXXXXXXXXXX
- 4. XXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXX
- 5. XXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXX

KEY NOTES:

- 1. XXXXXXXXXXXXXXXX
- 2. XXXXXXXXXXXXXXXX
- 3. XXXXXXXXXXXXXXXX
- 4. XXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXX
- 5. XXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXX

LEGEND:

- NEW OR EXISTING BACKGROUND
- EXISTING WORK TO REMAIN (OR NEW WORK
FURNISHED AND INSTALLED UNDER OTHER
CONTRACT ITEMS)
- NEW WORK
- FUTURE WORK

Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**

Designed by: PML
Checked by: AS SHOWN
Drawn by: KSS
Reviewed by: JAW
Correct:

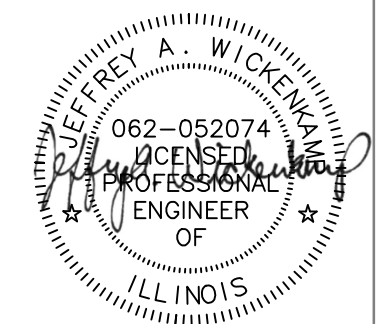
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Date: 2022

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CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

GENERAL REFERENCE SYMBOLS

Sheet Number:
C-001
Page Number: 8



ABBREVIATIONS	
ABD	Abandoned
ABUT	Abutment
ABV	Above
AC	Acre
ACB	Articulated/Articulating Concrete Blocks
ADJ	Adjust
AS	Aerial Surveys
AGG	Aggregate
APPROX	Aproximate
L=	Arc Length
ARCH	Architect
ASPH	Asphalt
AUX	Auxiliary
BM	Benchmark
BIT	Bituminous
B/	Bottom of
B/P	Bottom of Pipe
BOW	Bottom of Wall
BLDG	Building
BP	Beginning Point
CIP	Cast In Place
CLID	Closed Lid
CB	Catch Basin
CL	Centerline
CP	Clay Pipe
CO	Clean Out
CPP	Corrugated Polyethylene Pipe
CONST	Construction
CONC	Concrete
CMP	Corrugated Metal Pipe
CY	Cubic Yard
C & G	Curb & Gutter
CULV	Culvert
DIA	Diameter
DIP	Ductile Iron Pipe
DS	Downstream
DWG	Drawing
ESMT	Easement
EA	Each
E	East
EOP	Edge of Pavement
ELEC	Electric
ELEV	Elevation
EP	End Point
EQ	Equal
EXP	Expansion
EX	Existing
FES	Flared End Section
FF	Front Face
FG	Frame & Grate
F/G	Finished Grade
FH	Fire Hydrant
FL	Flow Line
FM	Force Main
FR	Frame
GAL	Gallon
GLV	Galvanized
G	Gas Line
GB	Grade Break
GR	Grate
GRVL	Gravel
GND	Ground
HDW	Headwall
HDPE	High Density Polyethylene
HP	High Point
HORIZ	Horizontal
HMA	Hot-mix Asphalt
INFO	Information
INL	Inlet
INV	Invert
IP	Iron Pipe
IR	Iron Rod
JT	Joint

ABBREVIATIONS	
K	Key
LS	Landscaping
LT	Left
LP	Light Pole
LF	Lineal Feet or Linear Feet
ME	Match Existing Elevation
MH	Manhole
MAX	Maximum
MIN	Minimum
N	North
NE	Northeast
NW	Northwest
NA	Not Available
NIC	Not in Contract
NTS	Not to Scale
NWL	Normal Water Line
OC	On Center
OH	Overhead
OLID	Open Lid
P&P	Plan and Profile
PC	Point of Curvature
PCC	Portland Cement Concrete
PI	Point of Intersection
PJF	Performed Joint Filler
PL	Property Line
PRC	Point of Reverse Curve
PROP	Proposed
PT	Point of Tangency
PVC	Polyvinyl Chloride
RC	Reinforced Concrete
RCP	Reinforced Concrete Pipe
RET	Retaining
ROW	Right-Of-Way
RR	Railroad
RT	Right
SAN	Sanitary
S	South
SE	Southeast
SW	Southwest
SF	Square Feet
SY	Square Yard
STA	Station
STM	Storm
SS	Storm Sewer
TEMP	Temporary
T/	Top of
TOC	Top of Concrete
T/D	Top of Debris
T/F	Top of Floor
T/K	Top of Key
T/P	Top of Pipe
T/W	Top of Water
TOP	Top (surface)
TOW	Top of Wall
TY	Type
TYP	Typical
UNDGND	Underground
UNK	Other (Unknown)
UNO	Unless Noted Otherwise
UPRR	Union Pacific Railroad
US	Upstream
VC	Vertical Curve
VCCP	Vitrified Ceramic Clay Pipe
VCP	Vitrified Ceramic Pipe
VIF	Verify in Field
VV	Water Valve & Vault
WL	Wetland
W	West
W/	With
WO/	Without
WOUS	Waters of the US

SITE SYMBOLS	
	PROPERTY LINE
	EASEMENT LINE
	EX CONTOURS - COUNTY
	EX CONTOURS - SURVEYED
	PROP CONTOURS
	FEMA FLOODWAY LINE
	FEMA FLOODPLAIN LINE
	WETLAND BOUNDARY
	EX STORM SEWER
	EX SANITARY SEWER
	EX WATER MAIN
	EX ELECTRIC LINE - OVERHEAD
	EX ELECTRIC LINE - UNDERGROUND
	EX TELEPHONE LINE - OVERHEAD
	EX TELEPHONE LINE - UNDERGROUND
	EX GAS MAIN
	EX CABLE TV
	EX FIBER OPTIC
	EX CHAIN-LINK FENCE
	EX WOOD FENCE
	EX METAL FENCE
	EX GUARDRAIL
	PROP STORM SEWER
	PROP SANITARY SEWER
	PROP FORCE MAIN
	PROP WATER MAIN
	PROP NICOR GAS MAIN
	PROP CHAIN-LINK FENCE
	PROP WOOD FENCE
	PROP METAL FENCE
	PROP GUARDRAIL
	EX INLET
	EX CATCH BASIN (CB)
	EX STORM MANHOLE (MH)
	EX FLARED END SECTION (FES)
	EX SANITARY MANHOLE
	EX FIRE HYDRANT
	EX WATER VALVE VAULT
	EX B-BOX
	EX GAS METER
	EX UTILITY POLE
	EX TELEPHONE BOX
	EX LIGHT
	EX UTILITY POLE/LIGHT
	EX TRANSMISSION TOWER
	EX SIGN
	EX DECIDUOUS TREE
	EX CONIFEROUS TREE
	EX STUMP
	EX BUILDING/STRUCTURE

	SOIL BORING-INTERRA, INC.
	SOIL BORING-MATERIAL SERVICE TESTING LABORATORIES
	SOIL BORING-WANG ENGINEERING
	BENCHMARK
	PROP INLET
	PROP CATCH BASIN (CB)
	PROP STORM MANHOLE (MH)
	PROP FLARED END SECTION (FES)
	PROP SANITARY MANHOLE
	PROP FIRE HYDRANT
	PROP WATER VALVE VAULT
	PROP/RELOCATED UTILITY POLE
	PROP/RELOCATED UTILITY POLE WITH LIGHT
	PARK LIGHT - TYPE A
	REPLACEMENT STREET LIGHT - TYPE B
	MUNICIPAL STREET LIGHT
	PROP SIGN
	PROP SPOT ELEVATION
	DRAINAGE ARROW
	PROPOSED TREE (SEE DETAIL 1 SHEET L-501)
	PROPOSED EVERGREEN TREE (SEE DETAIL 1 SHEET L-501)
	PROPOSED SHRUB (SEE DETAIL 1 SHEET L-501)
	PROPOSED TRASH RECEPTACLE
	PROPOSED OR REINSTALLED DRINKING FOUNTAIN
	PROPOSED BENCH
	REMOVABLE BOLLARD

	GABION BASKET WALL
	GABION MATTRESS OR GABION MATTRESS BANK STABILIZATION
	STONE RIPRAP, GRADATION VARIES - SEE PLANS
	RIFFLE
	RIPPRAP, BOULDER TYPE A
	RIPPRAP, BOULDER TYPE B
	ARTICULATING CONCRETE BLOCK (ACB)
	CONCRETE PAVEMENT
	HMA ROADWAY
	HMA TRAIL
	EXISTING WETLAND
	TURF SEED 6 IN. TOPSOIL EROSION CONTROL BLANKET
	STREAMBANK SEED 6 IN. TOPSOIL EROSION CONTROL BLANKET
	SOD, SALT TOLERANT 6 IN. TOPSOIL
	PERENNIAL PLANTS (SEE DETAIL 2 SHEET L-501)

	SOLDIER PILE WALL
	GUTTER, TYPE B

NOTE:
ADDITIONAL SERIES-SPECIFIC LEGENDS ARE ON APPROPRIATE SHEETS:

- SEE CT-100 SERIES SHEETS FOR MAINTENANCE OF TRAFFIC LEGEND.
- SEE CS-100 SERIES SHEETS FOR SESC LEGEND.
- SEE CD-101 FOR DEMOLITION LEGEND.
- SEE CG-700 SERIES SHEETS FOR CHANNEL CROSS SECTIONS LEGEND.
- SEE CR-100 SERIES SHEETS FOR RESTORATION LEGEND.
- SEE L-100 SERIES SHEETS FOR LANDSCAPE LEGEND.

Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: PML
Checked by: PML
Scale: AS SHOWN

Drawn by: KSS
Reviewed by: JAW
Date: 2022

Correct:

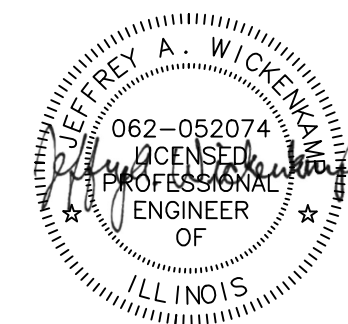
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CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

STANDARD ABBREVIATIONS AND SITE SYMBOLS

Sheet Number:
C-002

Page Number: **9**



GENERAL NOTES:

- 1. THE CONSTRUCTION COVERED BY THE PLANS SHALL CONFORM TO ALL APPLICABLE STANDARDS AND SPECIFICATIONS OF THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRDGC), CURRENT USAGE.
- 2. THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. (800-892-0123) AT LEAST 48 HOURS PRIOR TO CONSTRUCTION FOR LOCATIONS OF UTILITIES, AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE SAME.
- 3. THE CONTRACTOR SHALL NOTIFY THE DISTRICT (THE ENGINEER) AND THE APPROPRIATE MUNICIPALITY (CITY OF NORTHLAKE, VILLAGE OF STONE PARK, VILLAGE OF MELROSE PARK, VILLAGE OF BELLWOOD, VILLAGE OF WESTCHESTER, OR VILLAGE OF BROADVIEW) AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION. NO UNDERGROUND WORK SHALL BE COVERED UNTIL IT HAS BEEN INSPECTED. APPROVAL TO PROCEED MUST BE OBTAINED FROM THE ENGINEER PRIOR TO POURING ANY CONCRETE AFTER FORMS HAVE BEEN SET. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE MUNICIPALITY.
- 4. THE CONTRACTOR SHALL GIVE ALL ADJACENT PROPERTY OWNERS WRITTEN NOTICE OF CONSTRUCTION NO LESS THAN TEN (10) DAYS IN ADVANCE OF THE START OF CONSTRUCTION.
- 5. CONTRACTORS ARE CAUTIONED AGAINST INSTITUTING ANY CHANGES AND/OR SUBSTITUTIONS TO THE PROJECT REPRESENTED BY THESE DRAWINGS WITHOUT PRIOR WRITTEN APPROVAL BY THE ENGINEER. VISUAL CONTACT WITH THESE DRAWINGS SHALL CONSTITUTE CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS. WRITTEN APPROVAL FROM THE VILLAGE(S)/CITY IS NECESSARY FOR ALL CHANGES TO THE PLANTS AND SEED MIXES.
- 6. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL ELEVATIONS, DIMENSIONS, AND CONDITIONS ON THE JOB. THE ENGINEER SHALL BE NOTIFIED AS SOON AS POSSIBLE FOR ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN ON THESE DRAWINGS.
- 7. WORK MUST BE TIMED TO TAKE PLACE DURING LOW OR NO-FLOW CONDITIONS. EQUIPMENT SHOULD WORK FROM THE BANK. ALL WORK SHALL BE CONSTRUCTED IN THE DRY TO ALLOW CONSTRUCTION INSPECTION. WORK MUST BE IN ACCORDANCE WITH THE APPROVED IN-STREAM WORK PLAN.
- 8. ALL WORK FOR WHICH THERE IS NO SPECIFIC PAY ITEM SHALL BE CONSIDERED INCIDENTAL AND NO SEPARATE PAYMENT SHALL BE MADE WITH RESPECT TO INCIDENTAL WORK.
- 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL PUBLIC AND PRIVATE UTILITIES, EVEN THOUGH THEY MAY NOT BE SHOWN ON THE DRAWINGS. ANY UTILITY DAMAGE DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE.
- 10. THE CONTRACTOR'S STAGING, PARKING, AND MATERIAL STORAGE SHALL BE LIMITED TO THE SPACE(S) DESIGNATED ON THE PLANS. MATERIAL STORAGE SHALL NOT BE PLACED IN FLOODWAY AS SHOWN ON CE SHEETS. PROVIDING ADDITIONAL STORAGE OR PARKING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE SITE SHALL BE KEPT CLEAN AND FREE OF DEBRIS AT ALL TIMES. ADJACENT STREETS SHALL BE INSPECTED DAILY AND CLEANED AS NECESSARY.
- 11. BEFORE CONSTRUCTION IS STARTED, THE CONTRACTOR SHALL COORDINATE WITH THE OWNER OF EACH UTILITY AND DEFINE THE REQUIREMENTS AND METHODS TO ACCOMMODATE THE PROTECTION, TEMPORARY SUPPORT, ADJUSTMENT, OR RELOCATION OF ANY UTILITIES AFFECTED BY THE PROPOSED WORK.
- 12. THE CONTRACTOR SHALL COMPLY WITH THE RULES AND REGULATIONS AS SET FORTH BY THE CITY OF NORTHLAKE, VILLAGE OF STONE PARK, VILLAGE OF MELROSE PARK, VILLAGE OF BELLWOOD, VILLAGE OF WESTCHESTER, VILLAGE OF BROADVIEW, U.S. ARMY CORPS OF ENGINEERS, ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, ILLINOIS DEPARTMENT OF NATURAL RESOURCES OFFICE OF WATER RESOURCES, NORTH COOK COUNTY SOIL & WATER CONSERVATION DISTRICT, AND AS DIRECTED BY THE ENGINEER.
- 13. BEFORE ACCEPTANCE BY APPROPRIATE MUNICIPALITY, ALL WORK SHALL BE INSPECTED AND APPROVED BY THE ENGINEER. FINAL PAYMENT WILL BE MADE ONLY AFTER ALL OF THE CONTRACTOR'S WORK HAS BEEN APPROVED AND ACCEPTED.
- 14. TRAFFIC CONTROL SHALL CONFORM TO IDOT'S HIGHWAY STANDARDS AND THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" AT ALL TIMES DURING CONSTRUCTION. TRAFFIC CONTROL SHALL INCLUDE ADVANCE WARNING LANE CLOSURE SIGNAGE, AN ARROW BOARD AND TYPE 1 BARRICADES WITH SANDBAGS.
- 15. ALL EXCAVATION OPERATIONS SHALL CONFORM TO THE RULES AND REGULATIONS OF THE ILLINOIS STATE CONSTRUCTION SAFETY ORDERS.
- 16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ANY EXISTING STRUCTURES THAT ARE DISTURBED, DAMAGED, OR REMOVED BY CONSTRUCTION, INCLUDING STRUCTURES SUCH AS CURB AND GUTTER, CONCRETE AND ASPHALT, DRIVES AND WALKWAYS, PAVING BRICKS, FENCING, PIPES, MANHOLES, ETC.
- 17. THE CONTRACTOR SHALL RESTRICT CONSTRUCTION OPERATIONS TO WITHIN THE CONSTRUCTION LIMITS, EASEMENTS, OR RIGHT-OF-WAYS AS INDICATED ON THE PLANS.
- 18. SELECTIVE CLEARING AND GRUBBING SHALL TAKE PLACE THROUGHOUT THE LIMITS OF EACH OF THE PROJECT SITES.
- 19. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING DRAINAGE PATTERNS THROUGHOUT THE DURATION OF THE PROJECT
- 20. THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS AS SHOWN ON THE PLANS.
- 21. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE PRESERVATION OF EXISTING TREES IS OF THE UTMOST IMPORTANCE TO THE APPROPRIATE MUNICIPALITY. ALL TREE PROTECTION, TREE REMOVAL, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY APPROVED BY THE ENGINEER.
- 22. TEMPORARY FENCE SHOULD BE ERECTED ALONG THE DRIP LINE OF EXISTING TREES TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION. AFTER TREES ARE SAFELY FENCED NOTHING IS TO BE STORED, DRIVEN, OR DISTURBED INSIDE THE FENCE.

- 23. TREE ROOT PRUNING IS TO BE USED ON EXISTING TREES AT THE DRIPLINE TO PREVENT THE RIPPING UP OF ROOTS WHEN TRENCHING OR EXCAVATION IS WITHIN THE ROOT ZONE OF ADJACENT TREES TO REMAIN. SUPPLEMENTAL WATERING OF TREES SHOULD BEGIN IMMEDIATELY AFTER ROOT PRUNING OF THE TREES HAS OCCURRED.
- 24. ALL PLANT MATERIAL SHALL BE FULLY GUARANTEED FOR A PERIOD OF NOT LESS THAN ONE YEAR AFTER THE DATE OF PROJECT COMPLETION. UNHEALTHY OR EXPIRED PLANT STOCK SHALL BE REPLACED AS SOON AS CONDITIONS PERMIT AT NO ADDITIONAL EXPENSE TO MWRD.
- 25. SIGNS TO BE REMOVED FOR CONSTRUCTION SHALL BE REPLACED UPON COMPLETION OF THE PROJECT AND TEMPORARY SIGNAGE SHALL BE PROVIDED AT THE CONTRACTOR'S EXPENSE.
- 26. PROPOSED OPEN GRATE DRAINAGE STRUCTURES SHALL BE INSTALLED WITH STENCILING ON APPROPRIATE SURFACE ADJACENT TO GRATE. STENCIL USED SHALL BE "NO DUMPING DRAINS TO WATERWAY" STORM DRAIN STENCIL (SKU SCC0099-002-6010), 10-MIL, 2" LETTERS FROM STENCILEASE.COM, OR APPROVED EQUAL.
- 27. A STORM OR SANITARY BYPASS SYSTEM SHALL BE CAPABLE OF MAINTAINING THE FULL CAPACITY OF ANY REHABILITATED/REPLACED/RELOCATED SEWERS AND STRUCTURES SO THAT SERVICE FOR ALL FACILITIES CONNECTED TO THE AFFECTED SECTIONS OF THE REHABILITATED/REPLACED/RELOCATED SEWERS AND STRUCTURES IS NOT DISRUPTED AND MAINTAINED AT ALL TIMES.
- 28. THE STORM OR SANITARY BYPASS SYSTEM AND PIPING SHALL BE CONSTRUCTED OF WATERTIGHT MATERIAL AND JOINTS.
- 29. THE CONTRACTOR SHALL TAKE MEASURES TO PROPERLY OPERATE AND MAINTAIN THE STORM OR SANITARY BYPASS SYSTEM AND PIPING TO ENSURE THERE IS NO LEAKAGE OR ACCIDENTAL DISCHARGE OF FLOW.

MAINTENANCE AND MONITORING PLAN:

ALL DISTURBED AREAS WILL BE GRADED AND SEEDED IMMEDIATELY FOLLOWING CONSTRUCTION ACTIVITIES. SEED MIX AS SPECIFIED WILL BE PLACED ON ALL DISTURBED AREAS UPON COMPLETION OF FINAL GRADING.

ALL STREAMBANKS WILL BE COVERED WITH EITHER A BIODEGRADABLE EROSION CONTROL BLANKET, OR WHERE NECESSARY, AND, AS OUTLINED IN THE PLANS, TURF REINFORCEMENT MAT, EMERGENT AND WET-MESIC NATIVE PLANT PLUGS WILL BE INSTALLED ON THE SLOPES TO FURTHER INCREASE THE STREAMBANKS' RESISTANCE TO EROSION AND TO HELP DECREASE THE VELOCITY OF THE STREAM.

INSTALLATION OF NATIVE PLANT PLUGS SHOULD OCCUR PRIOR TO THE END OF SEPTEMBER TO HAVE ESTABLISHMENT BEFORE DORMANCY. OTHERWISE, INSTALLATION SHOULD OCCUR THE FOLLOWING SPRING. IN ORDER TO MAINTAIN SURVIVORSHIP, PLANT PLUGS SHOULD BE WATERED A MINIMUM OF ONCE EVERY 1-2 WEEKS DEPENDING ON WEATHER FOR THE DURATION OF THE FIRST GROWING SEASON.

STABILIZATION AND EROSION CONTROL MATERIALS SHOULD BE INSPECTED TWICE A YEAR AND REPAIRED AS NECESSARY. THIS INCLUDES AREAS THAT NEED REPLANTING AS WELL AS INSPECTING THE INTEGRITY OF EROSION CONTROL PRODUCTS.

NATIVE PLANT MAINTENANCE WILL OCCUR USING A VARIETY OF MECHANICAL AND CHEMICAL CONTROL METHODS. DURING THE FIRST GROWING SEASON, THE RESTORED AREAS ARE TO BE MOWED OR CUT AT A HEIGHT OF 4-6 INCHES TO REDUCE THE SPREAD OF WEEDS AND TO ALLOW SUNLIGHT TO REACH DESIRABLE PLANTS. HERBICIDE SHOULD BE USED ON INVASIVE PERENNIAL SPECIES. OVERSEEDING SHOULD OCCUR AS NECESSARY.

SOIL EROSION AND SEDIMENT CONTROL:

ALL WORK SHALL BE CONSTRUCTED IN THE DRY TO ALLOW FOR INSPECTION OF MATERIALS, THICKNESSES, AND LIMITS TO BE DOCUMENTED, AS WELL AS TO COMPLY WITH CONSTRUCTION PERMIT REQUIREMENTS.

- 1. CONTRACTOR SHALL SUBMIT A COMPLETE SOIL EROSION AND SEDIMENT CONTROL PLAN TO THE NORTH COOK COUNTY SOIL AND WATER CONSERVATION DISTRICT (NCCSWCD). CONTRACTOR SHALL PROVIDE EVIDENCE OF APPROVAL PRIOR TO CONSTRUCTION. SOIL EROSION AND SEDIMENT CONTROL MEASURES IN THE PLAN SHALL REFLECT THE EXPECTED FLOW CONDITIONS OF THE PROJECT SITE. THE PLAN SHALL INCLUDE, BUT IS NOT LIMITED TO:
 - A. LOCATION AND DETAILED DRAWINGS OF ALL PERMANENT AND TEMPORARY SOIL EROSION AND SEDIMENT CONTROL PRACTICES.
 - B. A SCHEDULE OUTLINING THE INSTALLATION OF THE PRACTICES WITH THE RESPONSIBLE PARTIES IDENTIFIED. PROVIDE SOIL STABILIZATION CHART AS PART OF THE SCHEDULE.
 - C. INSPECTION AND MAINTENANCE SCHEDULES WITH IDENTIFICATION OF RESPONSIBLE PARTIES.
 - D. SEEDING INFORMATION: RATES, SPECIES, DATES, FERTILIZATION FOR BOTH TEMPORARY AND PERMANENT MEASURES.
 - E. LOCATION AND DIMENSION OF ALL TEMPORARY SOIL AND AGGREGATE STOCKPILES.
 - F. DETAILS AND PLANS CONCERNING CONSTRUCTION SITE DEWATERING.
 - G. LOCATIONS, DIMENSION AND PHASE TIMELINE OF ALL LAND DISTURBING ACTIVITIES, INCLUDING:
 - 1. DESIGNATE CONSTRUCTION LIMITS AND AREAS OF WETLAND FILL.
 - 2. DESCRIBE GRADING AND BUILDING SCHEDULE AND PHASING TIMELINE.
 - 3. CREATE AND SUBMIT A CONSTRUCTION SEQUENCE FOR ANY IN-STREAM WORK AND/OR CRITICAL AREAS.
 - H. A SCHEDULE OF MAINTENANCE FOR ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL PRACTICES TO ENSURE THAT THEY PERFORM PROPERLY. IDENTIFY THE PARTIES RESPONSIBLE FOR MAINTENANCE.

- 2. ALL CONSTRUCTION ACTIVITIES THAT INVOLVE EARTHWORK SHALL MEET THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PHASE II REQUIREMENTS:
 - A. SUBMITTAL OF A NOTICE OF INTENT (NOI) TO IEPA.
 - B. POSSESSION OF A COMPLETED AND SIGNED STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND A GRAPHIC EROSION AND SEDIMENT CONTROL (ESC) PLAN.
 - C. IMPLEMENTATION OF SWPPP
 - D. SUBMITTAL OF AN INCIDENCE OF NONCOMPLIANCE (ION) IF A NON-COMPLIANT DISCHARGE OCCURS.
 - E. QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM OR RUNOFF THAT IS 0.5-INCHES OR GREATER.
 - F. DOCUMENTATION OF CHANGES TO ESC PLAN.
 - G. SUBMITTAL OF A NOTICE OF TERMINATION (NOT) WHEN FINAL STABILIZATION IS ACHIEVED (70% DENSE VEGETATIVE COVER).

- 3. ALL EROSION AND SEDIMENT CONTROL SYSTEMS SHALL BE IMPLEMENTED PRIOR TO THE START OF CONSTRUCTION.
- 4. ALL EROSION CONTROL WORK SHALL COMPLY WITH "ILLINOIS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL" AND THE LATEST VERSION OF THE "ILLINOIS URBAN MANUAL".
- 5. CONTRACTOR TO USE TEMPORARY FENCING IN ACCORDANCE WITH THE SPECS AND AS SHOWN ON THE PLANS. TO PREVENT NON-CONSTRUCTION VEHICULAR AND PEDESTRIAN TRAFFIC FROM ENTERING WORK AREA.
- 6. STRIPPING OF VEGETATION, GRADING OR OTHER SOIL DISTURBANCE SHALL BE DONE IN A MANNER WHICH WILL MINIMIZE SOIL EROSION, AND SHALL BE IN ACCORDANCE WITH THE APPROVED DRAWINGS AND PERMIT REQUIREMENTS.
- 7. THE CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES TO MINIMIZE EARTHWORK IN AREAS WHERE TREES ARE TO BE SAVED AS SHOWN ON THE PLANS OR DETERMINED IN THE FIELD.
- 8. ALL PROPOSED IN-STREAM WORK PLANS SHALL BE SUBMITTED TO THE NCCSWCD BY THE CONTRACTOR FOR APPROVAL PRIOR TO INSTALLATION. ALL WATERS FROM DEWATERED AREAS SHALL BE FILTERED FOR SEDIMENT.
- 9. SEDIMENTATION SHALL BE RETAINED ON SITE. SILT FENCE SHALL BE INSTALLED ALONG PERIMETER OF ALL RE-GRADED AREAS OR AS REQUIRED TO PREVENT SEDIMENT FROM ENTERING AND/OR LEAVING THE SITE. SILT FENCE SHALL REMAIN IN PLACE UNTIL THE SEDIMENT CONTRIBUTING AREA IS STABILIZED.
- 10. DUST PRODUCED FROM THE SITE SHALL BE KEPT TO A MINIMUM DURING DRY PERIODS BY SPRAYING WATER AS REQUIRED TO THE ENGINEER'S SATISFACTION AND IS TO BE CONSIDERED INCIDENTAL.
- 11. ALL MUD SHALL BE REMOVED FROM ALL TIRES BEFORE LEAVING THE SITE AND THE ROADS SHALL BE KEPT CLEAN AND CLEAR OF MUD AND DEBRIS AT ALL TIMES. THE CONTRACTOR SHALL INSPECT ALL ADJACENT STREETS DAILY AND CLEAN WHEN NECESSARY.
- 12. ADJACENT PAVED AREAS TO BE SWEEP AS NEEDED.
- 13. CULVERTS AND DRAINAGE DITCHES SHALL BE KEPT CLEAN AND CLEAR OF OBSTRUCTIONS DURING THE CONSTRUCTION PERIOD.
- 14. SILT FENCES SHALL BE INSPECTED DAILY AND REPAIRED OR REPLACED AS REQUIRED TO MAINTAIN BOTH THEIR EFFECTIVENESS AND INTEGRITY.
- 15. WATER COURSES AND DRAINAGE SWALES ADJACENT TO CONSTRUCTION ACTIVITIES SHALL BE MONITORED FOR EVIDENCE OF SILT INTRUSION AND OTHER ADVERSE ENVIRONMENTAL IMPACTS. ANY PROBLEMS OR DEFICIENCIES SHALL BE CORRECTED IMMEDIATELY UPON THEIR DISCOVERY.
- 16. CONTRACTOR SHALL INSPECT EROSION CONTROL SYSTEMS DAILY AND MAKE NECESSARY REPAIRS PRIOR TO THE START OF EACH DAY'S CONSTRUCTION AND AT THE END OF EACH DAY'S CONSTRUCTION.
- 17. CONTRACTOR SHALL MAINTAIN ADEQUATE STOCKPILES OF SEDIMENT AND EROSION CONTROL MATERIALS ON SITE THROUGHOUT CONSTRUCTION.
- 18. TEMPORARY FENCE SHOULD BE ERECTED ALONG THE DRIP LINE OF EXISTING TREES TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION. AFTER TREES ARE SAFELY FENCED NOTHING IS TO BE STORED, DRIVEN, OR DISTURBED INSIDE THE FENCE.
- 19. STABILIZED CONSTRUCTION ENTRANCES SHALL BE PROVIDED AS SHOWN ON THE DRAWINGS FOR ALL VEHICLES AND EQUIPMENT ENTRANCES ACCESSING DISTURBED AREAS. VEHICLES AND EQUIPMENT SHALL ENTER THE WORK AREA USING ONLY DESIGNATED ACCESS ROADS. THE CONTRACTOR SHALL MAINTAIN THE ENTRANCES THROUGHOUT THE CONSTRUCTION PERIOD OR REPLACE THEM AS REQUIRED TO MAINTAIN BOTH THEIR EFFECTIVENESS AND INTEGRITY.
- 20. CONTRACTOR SHALL BE RESPONSIBLE FOR PAYING ALL APPLICABLE FEES REQUIRED BY THE NCCSWCD.
- 21. AREAS FOR TEMPORARY TOPSOIL OR OTHER MATERIAL STOCKPILING SHALL BE SURROUNDED BY ADEQUATE SILT FENCING TO PREVENT SEDIMENT AND EROSION ISSUES. TEMPORARY STOCKPILES SHALL BE LESS THAN 10 FEET HIGH.
- 22. IN ACCORDANCE WITH NPDES PERMIT NO. IL R10, STABILIZATION MEASURE SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN ONE (1) DAY AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. IF SNOW COVER OCCURS, STABILIZATION SHALL BE INITIATED AS SOON AS PRACTICABLE. IF CONSTRUCTION WILL RESUME ON A PORTION OF THE SITE WITHIN FOURTEEN (14) DAYS FROM WHEN ACTIVITIES CEASED, THEN STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THE PORTION OF THE SITE BY THE 1ST DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY CEASED.
- 23. STOCKPILES OF SOIL AND OTHER BUILDING MATERIALS TO REMAIN IN PLACE MORE THAN THREE (3) DAYS SHALL BE FURNISHED WITH EROSION AND SEDIMENTATION CONTROL MEASURES (E.G. PERIMETER SILT FENCE). STOCKPILES TO REMAIN IN PLACE FOR THIRTY (30) DAYS OR MORE SHALL RECEIVE TEMPORARY SEEDING.
- 24. THE CONDITIONS OF THE CONSTRUCTION SITE FOR WINTER SHUTDOWN SHALL BE ADDRESSED EARLY IN THE FALL GROWING SEASON SO THAT SLOPES AND OTHER BARE EARTH AREAS MAY BE STABILIZED WITH TEMPORARY AND /OR PERMANENT VEGETATIVE COVER FOR PROPER EROSION AND SEDIMENT CONTROL. ALL OPEN AREAS THAT ARE TO REMAIN IDLE THROUGHOUT THE WINTER SHALL RECEIVE TEMPORARY EROSION CONTROL MEASURES INCLUDING TEMPORARY SEEDING, MULCHING AND/OR EROSION CONTROL BLANKET PRIOR TO THE END OF THE FALL GROWING SEASON. THE AREAS TO BE WORKED BEYOND THE END OF THE GROWING SEASON MUST INCORPORATE SOIL STABILIZATION MEASURES THAT DO NOT RELY ON VEGETATIVE COVER SUCH AS EROSION CONTROL BLANKETS AND HEAVY MULCHING.

SEWER SYSTEM BYPASS NOTES:

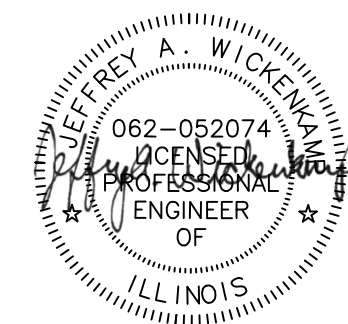
- A. THE SEWER BYPASS SYSTEM SHALL BE CAPABLE OF MAINTAINING THE FULL CAPACITY OF ANY REHABILITATED/REPLACED/RELOCATED SEWERS AND STRUCTURES SO THAT SERVICE FOR ALL FACILITIES CONNECTED TO THE AFFECTED SECTIONS OF THE REHABILITATED/REPLACED/RELOCATED SEWERS AND STRUCTURES IS NOT DISRUPTED AND MAINTAINED AT ALL TIMES;
- B. THE BYPASS SYSTEM AND PIPING SHALL BE CONSTRUCTED OF WATERTIGHT MATERIAL AND JOINTS; AND
- C. THE CONTRACTOR SHALL TAKE MEASURES TO PROPERLY OPERATE AND MAINTAIN THE BYPASS SYSTEM AND PIPING TO ENSURE THERE IS NO LEAKAGE OR ACCIDENTAL DISCHARGE OF FLOW.

Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO		Scale: AS SHOWN	
		Checked by: PML	Date: 2022
Designed by: PML	Drawn by: KSS	Reviewed by: JAW	Correct:
Hey and Associates, Inc. Engineering, Ecology and Landscape Architecture 8755 WEST HERCULES ROAD, SUITE 835 CHICAGO, ILLINOIS 60631 OFFICE (773) 699-9200 CHICAGO @ HYASNC.COM PROFESSIONAL DESIGN FIRM LICENSE NO. 184002429			

CONTRACT 11-187-3F ADDISON CREEK CHANNEL IMPROVEMENTS
GENERAL NOTES

Sheet Number: C-003
Page Number: 10



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PLOT DATE: 9/22/2022 2:51 PM PLOTTED BY: KYLE SOLNER

EARTHWORK & GRADING CONSTRUCTION NOTES:

ALL WORK DONE UNDER THIS HEADING WILL BE DONE IN ACCORDANCE WITH THESE CONTRACT DOCUMENTS.

- WORK UNDER THIS SECTION SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING:
 - CLEARING AND REMOVAL OF ALL UNDESIRABLE VEGETATIVE GROWTH WITHIN THE CONSTRUCTION AREA EXCEPT AS NOTED OTHERWISE ON THE PLANS.
 - REMOVING UNSUITABLE MATERIALS AS SPECIFIED FROM PARKING, ROADWAY, BUILDING AND OTHER DESIGNATED AREAS.
 - CLAY CUT AND CLAY FILL WITH COMPACTION WITHIN PARKING, ROADWAY, TRAIL, BUILDING AND OTHER DESIGNATED AREAS.
 - EXCAVATION AND GRADING OF THE ENTIRE SITE PER PLAN, INCLUDING CONSTRUCTION OF BERMS, SWALES, ETC., AS SHOWN ON THESE PLANS.
 - PLACEMENT AND CONSTRUCTION OF STRUCTURAL AND NON-STRUCTURAL FILLS.
 - IF APPROVED BY OWNER, REMOVAL FROM SITE AND DISPOSAL OF ANY EXCESS OR UNSUITABLE MATERIAL UPON COMPLETION OF MASS GRADING.
 - MOVEMENT AND COMPACTION OF SPOIL MATERIAL FROM THE CONSTRUCTION OF UNDERGROUND UTILITIES.
 - FINAL SHAPING AND TRIMMING TO THE LINES, GRADES AND CROSS-SECTIONS SHOWN IN THESE PLANS, AND TOPSOIL PLACEMENT TO DESIGN FINISH GRADE ELEVATIONS.
 - SOIL EROSION CONTROL MEASURES IN ACCORDANCE WITH THE APPLICABLE SPECIFICATIONS AND COUNTY REQUIREMENTS.
- SILT FENCE AS SHOWN IN THE CONSTRUCTION PLANS SHALL BE ERECTED PRIOR TO MASS EARTHWORK.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ALL MATERIAL QUANTITIES AND APPRISE THEMSELVES OF ALL SITE CONDITIONS. NO CLAIMS FOR EXTRA WORK WILL BE RECOGNIZED UNLESS ORDERED IN WRITING BY THE OWNER.
- THE GRADING OPERATIONS ARE TO BE CLOSELY SUPERVISED AND INSPECTED, PARTICULARLY DURING THE REMOVAL OF UNSUITABLE MATERIAL AND THE CONSTRUCTION OF EMBANKMENTS, BY THE ENGINEER AND/OR OWNER. ALL TESTING, INSPECTION AND SUPERVISION OF SOIL QUALITY, UNSUITABLE REMOVAL AND ITS REPLACEMENT, AND OTHER SOILS RELATED OPERATIONS SHALL BE ENTIRELY THE RESPONSIBILITY OF THE ENGINEER.
- THE GRADING AND CONSTRUCTION OF THE SITE IMPROVEMENTS SHALL NOT CAUSE PONDING OF STORMWATER EXCEPT AS NOTED ON THE PLANS. ALL AREAS ADJACENT TO THESE IMPROVEMENTS SHALL BE GRADED TO ALLOW POSITIVE DRAINAGE.
- THE PROPOSED GRADING ELEVATIONS SHOWN ON THE PLANS ARE FINISH GRADE. A MINIMUM OF SIX INCHES (6") OF TOPSOIL IS TO BE PLACED BEFORE FINISH GRADE ELEVATIONS ARE ACHIEVED, EXCEPT WHERE NOTED OTHERWISE.
- EXISTING FIELD TILE ENCOUNTERED AT AN ELEVATION ABOVE THE PROPOSED DRAINAGE SYSTEM SHALL BE CONNECTED TO THE DRAINAGE SYSTEM BY A METHOD APPROVED BY THE ENGINEER. THE COST OF THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COST OF CONSTRUCTION.
- EXISTING FIELD TILE ENCOUNTERED AT AN ELEVATION BELOW THE PROPOSED DRAINAGE SYSTEM SHALL BE REPLACED BY A METHOD APPROVED BY THE ENGINEER. (THE USUAL METHOD WILL BE TO SLEEVE THE FIELD TILE WITH RIGID PIPE AND BED THE SLEEVE.) THE COST OF THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COST OF CONSTRUCTION.
- KNOWN DRAIN TILE CROSSINGS SHALL BE TREATED AS DEPICTED ON THESE DRAWINGS AND AS SPECIFIED ELSEWHERE.

REQUIREMENTS FOR IN-STREAM CONSTRUCTION ACTIVITIES:

DEPARTMENT OF THE ARMY PERMIT

PERMITTEE: CATHERINE O'CONNOR, METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

APPLICATION: LRC-2014-00674

ISSUING OFFICE: U.S. ARMY CORPS OF ENGINEERS, CHICAGO DISTRICT

DATE: JANUARY 14, 2020

PROJECT DESCRIPTION: FLOOD CONTROL MEASURES ALONG ADDISON CREEK THROUGH GRADING AND VARIOUS BANK STABILIZATION TREATMENTS AND IMPROVEMENTS FROM HIRSCH STREET IN NORTHLAKE TO CERMAK ROAD IN BROADVIEW, COOK COUNTY, ILLINOIS, AS DESCRIBED IN YOUR NOTIFICATION AND AS SHOWN ON THE PLANS TITLED, "ADDISON CREEK CHANNEL IMPROVEMENTS NORTHLAKE, STONE PARK, MELROSE PARK, WESTCHESTER, BELLWOOD, AND BROADVIEW, ILLINOIS, DATED JULY 2017 AND PREPARED BY METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRD).

NO WORK IN FLOWING WATER:

NO WORK SHALL BE PERFORMED IN FLOWING WATER. WORK IN AND NEAR THE CRITICAL AREAS SHALL BE ISOLATED FROM CONCENTRATED FLOWS OR STREAM FLOW. ONCE WORK IN THIS AREA BEGINS, PRIORITY SHALL BE GIVEN TO THE COMPLETION OF THE WORK AND FINAL STABILIZATION OF ALL DISTURBED AREAS.

ISOLATE WORK AREA:

ALL DISTURBED AREAS AND WORK AREAS MUST BE ISOLATED FROM CREEK FLOWS AT ALL TIMES. THE DIVERSION/ISOLATION OF THE CREEK FLOWS MUST BE CONSTRUCTED FROM NON-ERODABLE MATERIALS. THE NORTH COOK SOIL AND WATER CONSERVATION DISTRICT MUST BE IN AGREEMENT WITH OVERALL METHOD OF DIVERSION/ISOLATION PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

THIS PROJECT REQUIRES A U.S. ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT HAS BEEN SECURED BY THE MWRD AND IS AVAILABLE IN APPENDIX P. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN TO THE OWNER FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE PROVISIONS AND PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE NORTH COOK SOIL AND WATER CONSERVATION DISTRICT (NCCSWCD) SHALL BE CONTACTED FOR A REVIEW OF THE PROPOSED IN-STREAM WORK PLAN WHICH MUST BE APPROVED BY THEM PRIOR TO THE COMMENCEMENT OF WORK. THE PLAN SHALL MEET THE EROSION AND SEDIMENT CONTROL STANDARDS LISTED BELOW AND INCLUDE MEANS AND METHODS FOR COMPLETING WORK WITHIN A WATERWAY. ALL COFFERDAMS SHALL BE CONSTRUCTED TO ALLOW THE PASSAGE OF HIGH FLOWS, MAINTAIN DOWNSTREAM FLOWS, AND WITHSTAND ANTICIPATED EROSION FORCES. COFFERDAMS SHALL BE DESIGNED AND INSTALLED SO AS NOT TO IMPEDE THE MOVEMENT OF AQUATIC ORGANISMS.

THE FOLLOWING DEFINITIONS APPLY TO THESE NOTES:

COFFERDAM: A TEMPORARY STRUCTURE WITHIN A WATERWAY OR BODY OF WATER DESIGNED TO PROVIDE A DRY WORK AREA FOR TEMPORARY CONSTRUCTION ACTIVITIES AND TO CONTAIN DISTURBED SOIL AND/OR SUSPENDED SEDIMENTS.

IN-STREAM WORK AREA: WORK OCCURRING AT OR BELOW THE ORDINARY HIGH WATER MARK (OHWM) OF A WATERWAY OR THE NORMAL WATER LEVEL (NWL) OF ABUTTING WETLANDS, INCLUDING ADJACENT UPLANDS.

DEWATERING: THE REMOVAL OF WATER WITH THE PURPOSE OF CREATING A DRY WORK AREA FOR TEMPORARY CONSTRUCTION ACTIVITIES.

WORK WITHIN A WATERWAY MUST MEET THE FOLLOWING STANDARDS (SEE USACE PERMIT APPENDIX P):

- WORK IN THE WATERWAY SHOULD BE TIMED TO TAKE PLACE DURING LOW OR NO-FLOW CONDITIONS. LOW FLOW CONDITIONS ARE FLOW AT OR BELOW THE NORMAL WATER ELEVATION.
- THE PLAN WILL BE DESIGNED TO ALLOW FOR THE CONVEYANCE OF THE 2-YEAR PEAK FLOW PAST THE WORK AREA WITHOUT OVERTOPPING THE COFFERDAM. THE CORPS HAS THE DISCRETION TO REDUCE THIS REQUIREMENT IF DOCUMENTED BY THE APPLICANT TO BE INFEASIBLE OR UNNECESSARY. CONTRACTOR TO REVIEW PERMITS FOR ADDITIONAL INFORMATION.
- WATER SHALL BE ISOLATED FROM THE IN-STREAM WORK AREA USING A COFFERDAM CONSTRUCTED OF NON-ERODIBLE MATERIALS (STEEL SHEETS, RIP RAP AND GEOTEXTILE LINER, ETC.) EARTHEN COFFERDAMS ARE NOT PERMISSIBLE. STEEL SHEET COFFERDAMS ARE PREFERRED BY MWRDGC BUT SHALL BE APPROVED BY THE ENGINEER AND REGULATORY AGENCIES.
- THE COFFERDAM MUST BE CONSTRUCTED FROM THE UPLAND AREA AND NO EQUIPMENT MAY ENTER FLOWING WATER AT ANY TIME. IF THE INSTALLATION OF THE COFFERDAM CANNOT BE COMPLETED FROM SHORE AND ACCESS IS NEEDED TO REACH THE AREA TO BE COFFERED, OTHER MEASURES, SUCH AS THE CONSTRUCTION OF A CAUSEWAY; WILL BE NECESSARY TO ENSURE THAT EQUIPMENT DOES NOT ENTER THE WATER. ONCE THE COFFERDAM IS IN PLACE AND THE ISOLATED AREA IS DEWATERED, EQUIPMENT MAY ENTER THE COFFERED AREA TO PERFORM THE REQUIRED WORK.
- IF BYPASS PUMPING IS NECESSARY, THE INTAKE HOSE SHALL BE PLACED ON A STABLE SURFACE OR FLOATED TO PREVENT SEDIMENT FROM ENTERING THE HOSE. THE BYPASS DISCHARGE SHALL BE PLACED ON A NON-ERODIBLE, ENERGY DISSIPATING SURFACE PRIOR TO REJOINING THE STREAM FLOW AND SHALL NOT CAUSE EROSION. FILTERING OF BYPASS WATER IS NOT NECESSARY UNLESS THE BYPASS WATER HAS BECOME SEDIMENT-LADEN AS A RESULT OF THE CURRENT CONSTRUCTION ACTIVITIES.
- DURING DEWATERING OF THE COFFERED WORK AREA, ALL SEDIMENT-LADEN WATER MUST BE FILTERED TO REMOVE SEDIMENT. POSSIBLE OPTIONS FOR SEDIMENT REMOVAL INCLUDE BAFFLE SYSTEMS, ANIONIC POLYMERS SYSTEMS, DEWATERING BAGS, OR OTHER APPROPRIATE METHODS. WATER SHALL HAVE SEDIMENT REMOVED PRIOR TO BEING RE-INTRODUCED TO THE DOWNSTREAM WATERWAY. A STABILIZED CONVEYANCE FROM THE DEWATERING DEVICE TO THE WATERWAY MUST BE IDENTIFIED IN THE PLAN. DISCHARGE WATER IS CONSIDERED CLEAN IF IT DOES NOT RESULT IN VISUALLY IDENTIFIABLE DEGRADATION OF WATER CLARITY.
- THE AREA FROM THE TOE TO THE TOP OF THE SIDE SLOPE SHALL BE TEMPORARILY STABILIZED DURING CONSTRUCTION TO REDUCE THE POTENTIAL FOR EROSION. ALL AREAS DISTURBED DUE TO CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO PROPOSED CONDITIONS AND FULLY STABILIZED PRIOR TO ACCEPTING FLOWS

REQUIREMENTS FOR IMPLEMENTING AND MAINTAINING SOIL EROSION AND SEDIMENT CONTROL:

- PERMIT AUTHORIZATION IS CONTINGENT UPON IMPLEMENTING AND MAINTAINING SOIL EROSION AND SEDIMENT CONTROLS IN A SERVICEABLE CONDITION THROUGHOUT THE DURATION OF THE PROJECT. YOU SHALL COMPLY WITH THE SWCD WRITTEN AND VERBAL RECOMMENDATIONS REGARDING THE SOIL EROSION AND SEDIMENT CONTROL (SESC) PLAN AND THE INSTALLATION AND MAINTENANCE REQUIREMENTS OF THE SESC PRACTICES ON-SITE.
 - YOU SHALL SCHEDULE A PRECONSTRUCTION MEETING WITH THE SWCD TO DISCUSS THE SESC PLAN AND THE INSTALLATION AND MAINTENANCE REQUIREMENTS OF THE SESC PRACTICES ON THE SITE.
 - YOU SHALL NOTIFY THE SWCD OF ANY CHANGES OR MODIFICATIONS TO THE APPROVED PLAN SET. FIELD CONDITIONS DURING PROJECT CONSTRUCTION MAY REQUIRE THE IMPLEMENTATION OF ADDITIONAL SESC MEASURES. IF YOU FAIL TO IMPLEMENT CORRECTIVE MEASURES, THIS OFFICE MAY REQUIRE MORE FREQUENT SITE INSPECTIONS TO ENSURE THE INSTALLED SESC MEASURES ARE ACCEPTABLE.
- ALL PROPOSED IN-STREAM WORK PLANS SHALL BE SUBMITTED TO THE NCCSWCD BY THE CONTRACTOR FOR APPROVAL PRIOR TO INSTALLATION. ALL WATERS FROM DEWATERED AREAS SHALL BE FILTERED FOR SEDIMENT.
- NO EQUIPMENT CAN ENTER FLOWING WATER. IF CONSTRUCTION ACTIVITY IS TO TAKE PLACE IN-STREAM, A COFFER DAM WILL BE REQUIRED SO THAT WORK ONLY PREFORMED IN THE "DRY". SEE REQUIREMENTS FOR IN-STREAM CONSTRUCTION ACTIVITIES.
- NO EXCAVATION OF THE STREAM BED CAN TAKE PLACE IN FLOWING WATER. EXCAVATION FOR BENDWAY WEIRS, GABION BASKETS OR MATTRESSES, ARTICULATED CONCRETE BLOCKS, OR RIFFLES MUST BE COMPLETED BY WORKING IN THE "DRY". SEE REQUIREMENTS FOR IN-STREAM CONSTRUCTION ACTIVITIES.
- ALL DISTURBED AREAS AND WORK AREAS MUST BE ISOLATED FROM CREEK FLOWS AT ALL TIMES. THE ISOLATION FROM CREEK FLOWS MUST BE CONSTRUCTED FROM NON-ERODIBLE MATERIALS IN COMPLIANCE WITH USACE STANDARDS. SEE REQUIREMENTS FOR IN-STREAM CONSTRUCTION ACTIVITIES.
- FLOATING SILT CURTAIN TO BE USED IN AREAS OF ACTIVE CREEK BANK CLEARING AND GRUBBING.
- FLOATING SILT BOOMS SHALL NOT BE INSTALLED ACROSS THE WIDTH OF THE CREEK AT ANY TIME.

- COFFER DAMS CAN BE EITHER FULL COFFER DAMS THAT EXTEND ACROSS THE ENTIRE WIDTH OF THE CREEK, OR PARTIAL COFFER DAMS THAT WOULD EXTEND PARTIALLY ACROSS THE CREEK TO PROTECT AN AREA ALONG A CREEK BANK. IN SOME CASES, COFFER DAMS CAN BE INSTALLED TO ISOLATE SMALLER SECTIONS OF A LARGER LINEAR WORK AREA AND THEN ONCE THAT AREA IS COMPLETED AND STABILIZED, THE COFFER DAM IS MOVED TO A NEW SECTION OF THE CREEK.
- CONTRACTOR SHALL ALLOW NCCSWCD, CITY OF NORTHLAKE, VILLAGE OF STONE PARK, VILLAGE OF MELROSE PARK, VILLAGE OF BELLWOOD, VILLAGE OF WESTCHESTER, VILLAGE OF BROADVIEW, ILLINOIS DEPARTMENT OF NATURAL RESOURCES (IDNR), ARMY CORPS OF ENGINEERS, IEPA, OR DISTRICT REPRESENTATIVES THE RIGHT TO CONDUCT ON-SITE INVESTIGATIONS THROUGHOUT ALL ACTIVE CONSTRUCTION PHASES TO DETERMINE WHETHER ALL NECESSARY EROSION CONTROL PRACTICES HAVE BEEN INSTALLED AND ARE FUNCTIONING PROPERLY.
- CONTRACTOR SHALL COMPLY WITH THE NCCSWCD'S WRITTEN AND VERBAL RECOMMENDATIONS.
- TEMPORARY CONSTRUCTION ROAD CROSSING PLANS SHALL BE PROVIDED BY THE CONTRACTOR TO THE ENGINEER SEVEN (7) DAYS PRIOR TO THE INITIATION OF WORK.
- GENERAL
 - PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, THE CONTRACTOR MUST ATTEND AN ON-SITE PRE-CONSTRUCTION MEETING TO REVIEW SOIL EROSION AND SEDIMENT CONTROL REQUIREMENTS.
 - THE CONTRACTOR SHALL PREPARE THEIR OWN SOIL EROSION AND SEDIMENT CONTROL PLAN, INCLUDING IN-STREAM WORK PLANS, BASED UPON THEIR CONSTRUCTION SEQUENCING, MEANS, AND METHODS. THE CONTRACTOR SHALL PROVIDE SOIL EROSION AND SEDIMENT CONTROL MEASURES AS NECESSARY AT ALL TIMES TO ENSURE COMPLIANCE WITH ALL LOCAL, COUNTY, STATE, AND FEDERAL POLLUTION CONTROL REGULATIONS. THE WORK SHALL NOT BE CONSTRUED AS COMPLIANT IF THE ENGINEER DOES NOT DIRECT THE CONTRACTOR TO PROVIDE ADDITIONAL MEASURES. COMPLIANCE SHALL BE DETERMINED SOLELY BY THE REGULATORY AGENCIES RESPONSIBLE FOR ENFORCEMENT OF ANY SUCH REGULATIONS.
 - CONTRACTOR'S MEANS, METHODS, AND SEQUENCING OF VEGETATION REMOVAL, DEMOLITION, EARTHWORK, IN-STREAM WORK, AND OTHER LAND DISTURBING ACTIVITIES SHALL BE SUCH AS TO MINIMIZE SOIL EROSION AND SEDIMENTATION.
 - FILLS SHALL BE PLACED AND COMPACTED IN SUCH A MANNER THAT SLIDING AND EROSION IS MINIMIZED.
 - ALL WORK SHALL BE CONDUCTED IN SUCH A MANNER AS NOT TO DIVERT WATER OUTSIDE OF THE PROJECT LIMITS, INCLUDING ADJOINING PROPERTY, WITHOUT WRITTEN AUTHORIZATION FROM THE ENGINEER.
 - THE CONTRACTOR SHALL MAINTAIN ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES IN GOOD WORKING ORDER THROUGHOUT THE DURATION OF THE WORK UNTIL SUCH TIME AS PERMANENT STABILIZATION HAS BEEN ACHIEVED. CONTRACTOR SHALL REMOVE ANY ACCUMULATED SEDIMENT AND PROPERLY DISPOSE OF SAME PRIOR TO REMOVING TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES.
 - ALL VARIATIONS FROM THE SOIL EROSION AND SEDIMENT CONTROL PLANS SHALL BE IN COMPLIANCE WITH THE ILLINOIS URBAN MANUAL, ALL APPLICABLE REGULATIONS, AND SUBJECT TO REVIEW BY MWRDGC.
- CONTRACTOR MAY USE EXISTING STORM SEWER SYSTEM TO CONVEY ADDISON CREEK BASE FLOW WHERE FEASIBLE AND IN ACCORDANCE WITH ALL REGULATIONS. CONTRACTOR TO COORDINATE WITH ENGINEER.

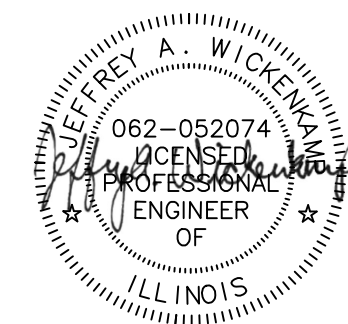
Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: PML	Checked by: PML	Scale: AS SHOWN	Professional Design Firm License No. 18404289
Drawn by: KSS	Reviewed by: JAW	Date: 2022	Hey and Associates, Inc. Engineering, Ecology and Landscape Architecture 8755 West Higgins Road, Suite 835 Chicago, Illinois 60631 Office: (773) 699-9200 Chicago@HAYASOCI.COM
Correct:			

CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

GENERAL NOTES



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C-004
Page Number: 11

A. REFERENCED SPECIFICATIONS

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING, EXCEPT AS MODIFIED HEREIN OR ON THE PLANS:
 - * STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION), BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY SEWER AND WATER MAIN CONSTRUCTION;
 - * STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION (SSWS) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION;
 - * CITY OF NORTHLAKE MUNICIPAL CODE, VILLAGE OF STONE PARK MUNICIPAL CODE, VILLAGE OF MELROSE PARK MUNICIPAL CODE, VILLAGE OF BELLWOOD MUNICIPAL CODE, VILLAGE OF WESTCHESTER MUNICIPAL CODE, AND VILLAGE OF BROADVIEW MUNICIPAL CODE;
 - * THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRD) WATERSHED MANAGEMENT ORDINANCE AND TECHNICAL GUIDANCE MANUAL;
 - * IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.

B. NOTIFICATIONS

- THE CITY OF NORTHLAKE, VILLAGE OF STONE PARK, VILLAGE OF MELROSE PARK, VILLAGE OF BELLWOOD, VILLAGE OF WESTCHESTER, AND VILLAGE OF BROADVIEW AND PUBLIC MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO EACH PHASE OF WORK. CONTRACTOR SHALL DETERMINE ITEMS REQUIRING INSPECTION PRIOR TO START OF CONSTRUCTION OR EACH WORK PHASE.
- THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION FOR THE EXACT LOCATIONS OF UTILITIES AND FOR THEIR PROTECTION DURING CONSTRUCTION. IF EXISTING UTILITIES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED. CALL J.U.U.I.E. AT 1-800-892-0123.

C. GENERAL NOTES

- ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.
- THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS, ETC., FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.
- THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY MWRD AND THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY MWRD, THE MUNICIPALITY, OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS INDICATED ON THE PLANS.
- THE LOCATION OF VARIOUS UNDERGROUND UTILITIES WHICH ARE SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND REPRESENT THE BEST KNOWLEDGE OF THE ENGINEER. VERIFY LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING THE CONSTRUCTION OPERATIONS.
- ANY EXISTING PAVEMENT, SIDEWALK, DRIVEWAY, ETC., DAMAGED DURING CONSTRUCTION OPERATIONS AND NOT CALLED FOR TO BE REMOVED SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
- MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY, MWRD, AND OWNER.
- THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.
- ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.
- RECORD DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS UNDERGROUND IMPROVEMENTS ARE COMPLETED. FINAL PAYMENTS TO THE CONTRACTOR SHALL BE HELD UNTIL THEY ARE RECEIVED. ANY CHANGES IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED. ALL WYES OR BENDS SHALL BE LOCATED FROM THE DOWNSTREAM MANHOLE. ALL VALVES, B-BOXES, TEES OR BENDS SHALL BE TIED TO A FIRE HYDRANT.

D. SANITARY SEWER

- THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY POLLUTED WATER, SUCH AS GROUND AND SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.
- A WATER-TIGHT PLUG SHALL BE INSTALLED IN THE DOWNSTREAM SEWER PIPE AT THE POINT OF SEWER CONNECTION PRIOR TO COMMENCING ANY SEWER CONSTRUCTION. THE PLUG SHALL REMAIN IN PLACE UNTIL REMOVAL IS AUTHORIZED BY THE MUNICIPALITY AND/OR MWRD AFTER THE SEWERS HAVE BEEN TESTED AND ACCEPTED.
- DISCHARGING ANY UNPOLLUTED WATER INTO THE SANITARY SEWER SYSTEM FOR THE PURPOSE OF SEWER FLUSHING OF LINES FOR THE DEFLECTION TEST SHALL BE PROHIBITED WITHOUT PRIOR APPROVAL FROM THE MUNICIPALITY OR MWRD.
- ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION).
- ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.
- ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.
- ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM TO THE FOLLOWING:

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
VITRIFIED CLAY PIPE	ASTM C-700	ASTM C-425
REINFORCED CONCRETE SEWER PIPE	ASTM C-76	ASTM C-443
CAST IRON SOIL PIPE	ASTM A-74	ASTM C-564
DUCTILE IRON PIPE	ANSI A21.51	ANSI A21.11
POLYVINYL CHLORIDE (PVC) PIPE		
6-INCH TO 15-INCH DIAMETER SDR 26	ASTM D-3034	ASTM D-3212
18-INCH TO 27-INCH DIAMETER F/DY=46	ASTM F-679	ASTM D-3212
HIGH DENSITY POLYETHYLENE (HDPE)		
	ASTM D-3350	ASTM D-3261,F-2620 (HEAT FUSION)
	ASTM D-3035	ASTM D-3212,F-477 (GASKETED)
WATER MAIN QUALITY PVC		
4-INCH TO 36-INCH	ASTM D-2241	ASTM D-3139
4-INCH TO 12-INCH	AWWA C900	ASTM D-3139
14-INCH TO 48-INCH	AWWA C905	ASTM D-3139

THE FOLLOWING MATERIALS ARE ALLOWED ON A QUALIFIED BASIS SUBJECT TO DISTRICT REVIEW AND APPROVAL PRIOR TO PERMIT ISSUANCE. A SPECIAL CONDITION WILL BE ADDED TO THE PERMIT WHEN THE PIPE MATERIAL BELOW IS USED FOR SEWER CONSTRUCTION OR A CONNECTION IS MADE.

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
POLYPROPYLENE (PP) PIPE		
12-INCH TO 24-INCH DOUBLE WALL	ASTM F-2736	D-3212, F-477
30-INCH TO 60-INCH TRIPLE WALL	ASTM F-2764	D3212, F-477

- ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS), REQUIRES STONE BEDDING WITH STONE 1/4" TO 1" IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO 1/4 THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-7, CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.
- NON-SHEAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR PIPE MATERIALS.
- ALL MANHOLES SHALL BE PROVIDED WITH BOLTED, WATER-TIGHT COVERS. SANITARY LIDS SHALL BE CONSTRUCTED WITH A CONCEALED PICKHOLE AND WATER-TIGHT GASKET WITH THE WORD "SANITARY" CAST INTO THE LID.
- WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:
 - A CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SEWER-TAP" MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUBWYE SADDLE OR HUB-TEE SADDLE.
 - REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
 - WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING "BAND SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.
- WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS OR IT SHALL BE ENCASED WITH A WATER MAIN QUALITY CARRIER PIPE WITH THE ENDS SEALED.
- ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.
- ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.
- ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE PRECAST "RUBBER BOOTS" THAT CONFORM TO ASTM C-923 FOR ALL PIPE CONNECTIONS. PRECAST SECTIONS SHALL CONSIST OF MODIFIED GROOVE TONGUE AND RUBBER GASKET TYPE JOINTS.
- ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG.
- EXCEPT FOR FOUNDATION/FOOTING DRAINS PROVIDED TO PROTECT BUILDINGS, OR PERFORATED PIPES ASSOCIATED WITH VOLUME CONTROL FACILITIES, DRAIN TILES/FIELD TILES/UNDERDRAINS/PERFORATED PIPES ARE NOT ALLOWED TO BE CONNECTED TO OR TRIBUTARY TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS IN COMBINED SEWER AREAS. CONSTRUCTION OF NEW FACILITIES OF THIS TYPE IS PROHIBITED; AND ALL EXISTING DRAIN TILES AND PERFORATED PIPES ENCOUNTERED WITHIN THE PROJECT AREA SHALL BE PLUGGED OR REMOVED, AND SHALL NOT BE CONNECTED TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS.
- A BACKFLOW PREVENTER IS REQUIRED FOR ALL DETENTION BASINS TRIBUTARY TO COMBINED SEWERS. REQUIRED BACKFLOW PREVENTERS SHALL BE INSPECTED AND EXERCISED ANNUALLY BY THE PROPERTY OWNER TO ENSURE PROPER OPERATION, AND ANY NECESSARY MAINTENANCES SHALL BE PERFORMED TO ENSURE FUNCTIONALITY. IN THE EVENT OF A SEWER SURCHARGE INTO AN OPEN DETENTION BASIN TRIBUTARY TO COMBINED SEWERS, THE PERMITTEE SHALL ENSURE THAT CLEAN UP AND WASH OUT OF SEWAGE TAKES PLACE WITHIN 48 HOURS OF THE STORM EVENT.

E. EROSION AND SEDIMENT CONTROL

- THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
- EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.
- ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.
- A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
 - UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE.
 - ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.
- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE CO-PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.
- A STABILIZED MAT OF CRUSHED STONE MEETING THE STANDARDS OF THE ILLINOIS URBAN MANUAL SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
- CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL AND SHALL BE INSTALLED PRIOR TO ANY ON SITE CONSTRUCTION ACTIVITIES INVOLVING CONCRETE.
- MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO CONCRETE WASHOUT FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRUCTION ACTIVITIES.
- TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN. VOLUME CONTROL FACILITIES SHALL NOT BE USED AS TEMPORARY SEDIMENT BASINS.
- DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) DAYS.
- ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHALL, AT A MINIMUM, BE PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).
- VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
- SOIL STOCKPILES SHALL, AT A MINIMUM, BE PROTECTED WITH PERIMETER SEDIMENT CONTROLS. SOIL STOCKPILES SHALL NOT BE PLACED IN FLOOD PROTECTION AREAS OR THEIR BUFFERS.
- EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.
- STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.
- THE CONTRACTOR SHALL EITHER REMOVE OR REPLACE ANY EXISTING DRAIN TILES AND INCORPORATE THEM INTO THE DRAINAGE PLAN FOR THE DEVELOPMENT. DRAIN TILES CANNOT BE TRIBUTARY TO A SANITARY OR COMBINED SEWER. DRAIN TILES ALLOWED IN COMBINED SEWER AREA FOR GREEN INFRASTRUCTURE PRACTICES.
- IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE SITE INSPECTOR MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMAINS AS WELL AS THEIR SERVICES AND OTHER APPURTENANCES. ANY TRENCH DEWATERING WHICH CONTAINS SEDIMENT SHALL PASS THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE. ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PIT, FILTER BAG OR EXISTING VEGETATED UPSLOPE AREA. SEDIMENT LADEN WATERS SHALL NOT BE DISCHARGE TO WATERWAYS, FLOOD PROTECTION AREAS OR THE COMBINED SEWER SYSTEM.
- ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS OF CONSTRUCTION SHUTDOWN UNTIL PERMANENT STABILIZATION IS ACHIEVED.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.
- THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, SITE INSPECTOR, OR MWRD.

Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

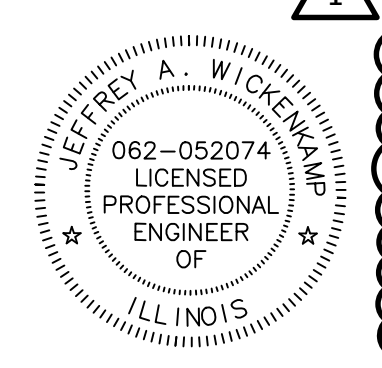
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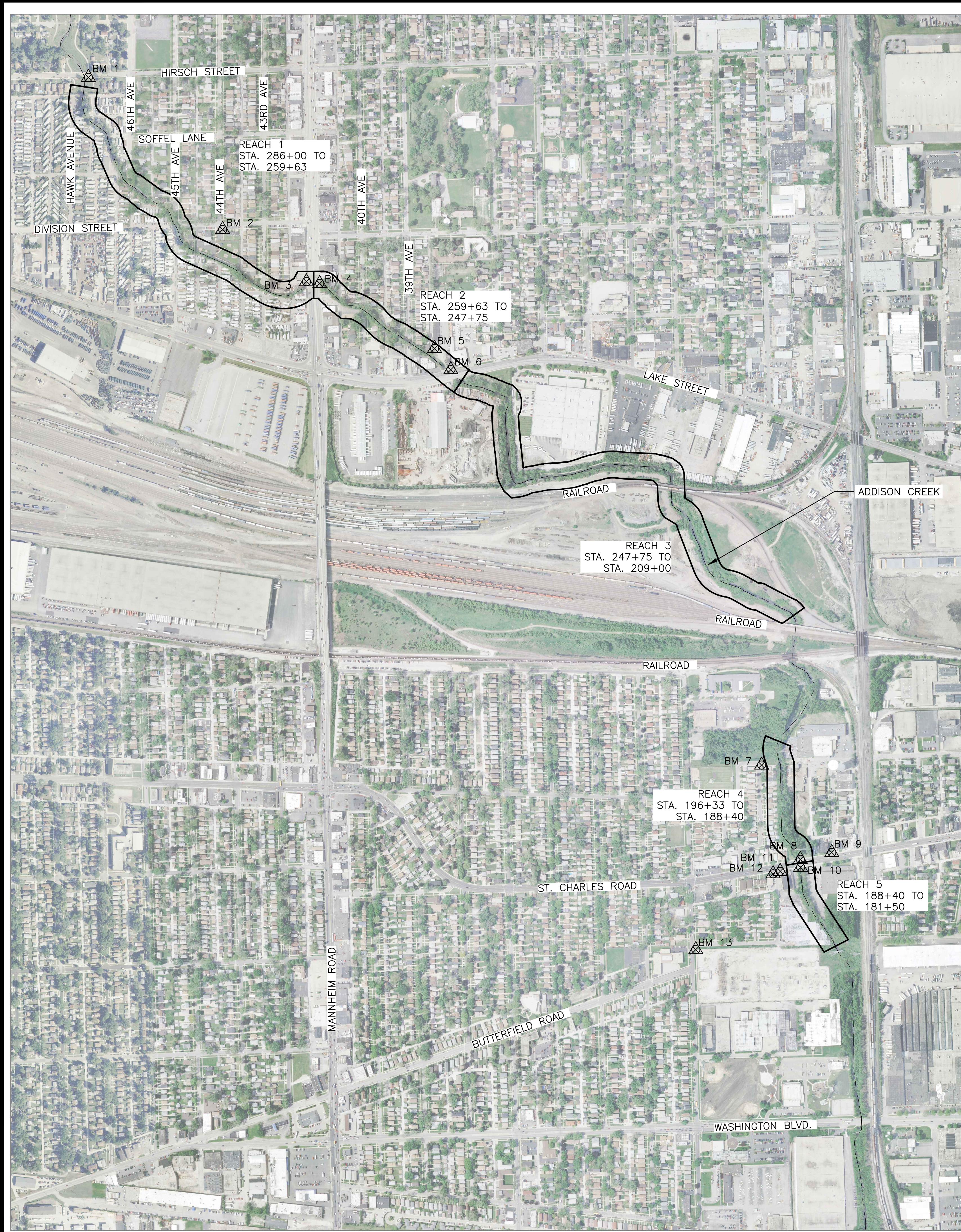
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CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

GENERAL NOTES

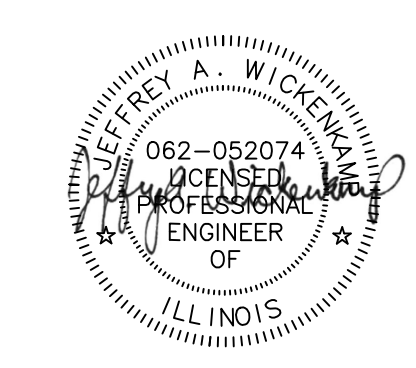
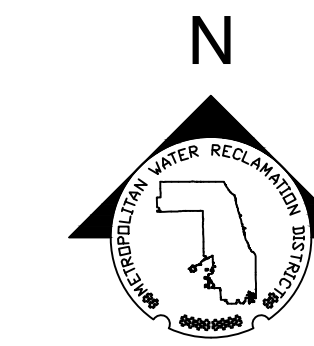
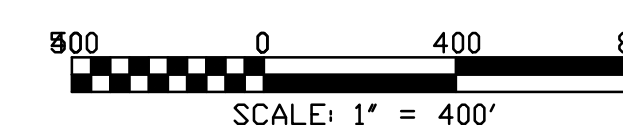


Sheet Number:
C-005
Page Number: 12



BENCHMARK NO.	DESCRIPTION	ELEVATION	NORTHING	EASTING
BM 1	CROSS CUT ON CONCRETE WALK ON THE SOUTHERLY SIDE OF HIRSCH AVENUE JUST EAST OF THE SOUTHEAST CORNER OF THE BRIDGE OVER ADDISON CREEK.	638.79	1907623.14	1104995.13
BM 2	CROSS CUT ON CONCRETE WALK AT THE SOUTHEAST CORNER OF DIVISION STREET AND 44TH AVENUE.	635.21	1906497.98	1105989.02
BM 3	NORTHWEST CORNER OF A 12" CONCRETE PARAPET WALL ON WESTERLY SIDE OF MANNHEIM ROAD ON THE BRIDGE OVER ADDISON CREEK.	636.10	1906111.64	1106608.51
BM 4	CROSS CUT ON CONCRETE WALK ON EASTERLY SIDE OF MANNHEIM ROAD ON BRIDGE OVER ADDISON CREEK.	635.89	1906098.40	1106706.87
BM 5	SOUTHWESTERLY UPPER FLANGE BOLT (DEPTH TAG) OF A FIRE HYDRANT AT THE SOUTHWEST CORNER OF THE ALLURE PARKING LOT "2006 WATEROUS" HYDRANT.	636.29	1905617.60	1107557.00
BM 6	CROSS CUT ON CONCRETE WALK ON THE NORTHERLY SIDE OF LAKE STREET AT THE EASTERLY END OF BRIDGE OVER ADDISON CREEK.	638.04	1905461.42	1107677.39
BM 7	CROSS CUT ON CONCRETE WALK AT THE SOUTHEAST CORNER OF GRANT AVENUE AND ZUELKE DRIVE.	632.34	1902535.97	1109976.94
BM 8	CROSS CUT ON CONCRETE WALK ON BRIDGE OVER ADDISON CREEK NORTHERLY OF ST. CHARLES ROAD.	632.26	1901837.79	1110263.59
BM 9	SOUTHWESTERLY UPPER FLANGE BOLT OF A FIRE HYDRANT AT THE NORTHWESTERLY CORNER OF ST. CHARLES ROAD AND 30TH AVENUE ON A "WATEROUS" HYDRANT.	632.98	1901889.20	1110496.20
BM 10	CROSS CUT ON CONCRETE WALK AT APPROXIMATE CENTER OF BRIDGE OVER ADDISON CREEK SOUTHERLY SIDE OF ST. CHARLES ROAD.	632.32	1901779.34	1110265.37
BM 11	CROSS CUT ON CONCRETE WALK AT SOUTHEAST CORNER OF ST. CHARLES ROAD AND 31ST AVENUE.	631.31	1901749.40	1110114.24
BM 12	SOUTHWESTERLY UPPER FLANGE BOLT (DEPTH TAG) OF A FIRE HYDRANT AT THE SOUTHWESTERLY CORNER OF ST. CHARLES ROAD AND 31ST AVENUE ON A "1996 WATEROUS" HYDRANT.	632.66	1901731.60	1110062.20
BM 13	CROSS CUT ON CONCRETE WALK AT SOUTHEAST CORNER OF OAK STREET AND EASTERN AVENUE.	633.32	1901170.66	1109489.97

TOPOGRAPHIC SURVEY AND BENCHMARK DATA PROVIDED BY TERRA ENGINEERING LTD.



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**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**

Contract 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

CONTROL DATA - REACH 1-5

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Drawn by: KSS
Reviewed by: JAW
Date: 2022

Correct:

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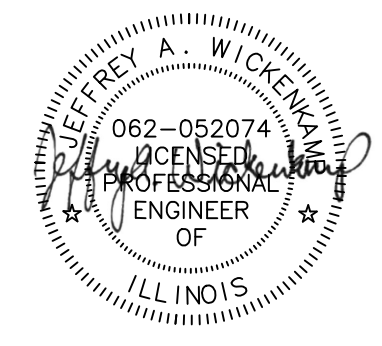
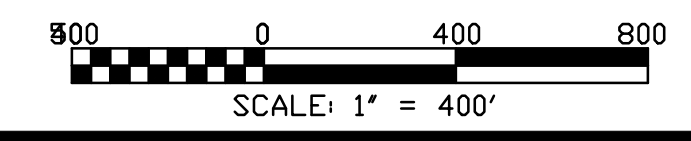
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C-006

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BENCHMARK NO.	DESCRIPTION	ELEVATION	NORTHING	EASTING
BM 14	CROSS CUT ON CONCRETE WALK AT THE NORTHEAST CORNER OF HARRISON STREET AND 30TH AVENUE.	627.15	1896068.57	1110662.85
BM 15	CROSS CUT ON CONCRETE WALK AT THE NORTHWEST CORNER OF HARRISON STREET AND 31ST AVENUE.	626.14	1896044.41	1110263.26
BM 16	CROSS CUT ON CONCRETE WALK AT THE NORTHWEST CORNER OF HARRISON STREET AND 32ND AVENUE.	626.87	1896029.70	1109928.63
BM 17	SOUTHWESTERLY UPPER FLANGE BOLT OF A FIRE HYDRANT ON THE WESTERLY SIDE OF 32ND STREET IN FRONT OF 1120.	627.82	1896236.10	1109935.00
BM 18	CROSS CUT ON THE SOUTH SIDE OF THE BRIDGE OVER ADDISON CREEK ON GLADSTONE STREET.	625.51	1894513.47	1109828.47
BM 19	CROSS CUT ON THE NORTH SIDE OF THE BRIDGE OVER ADDISON CREEK ON ROOSEVELT ROAD.	626.01	1893256.94	1109888.58
BM 20	CROSS CUT ON CONCRETE WALK APPROXIMATELY 4' EASTERLY OF THE CENTER OF THE BRIDGE OVER ADDISON CREEK ON THE NORTHERLY SIDE OF ROOSEVELT ROAD.	627.46	1893254.26	1109941.37
BM 21	CROSS CUT ON TOP OF 6" CONCRETE CURB ON THE SOUTHERLY SIDE OF DERBY LANE ALONG THE SOUTHERLY EXTENSION OF THE WESTERLY LINE OF A 2-STORY BRICK BUILDING 9930.	623.76	1892925.79	1110028.80
BM 22	MAG NAIL IN ASPHALT LOT ON SOUTHERLY EXTENSION OF THE WESTERLY LINE OF PEDESTRIAN BRIDGE OVER ADDISON CREEK SOUTH OF 9930 DERBY LANE.	624.42	1892763.85	1110030.48
BM 23	NORTH BOLT OF FIRST FIRE HYDRANT WEST OF CERMAK BRIDGE OVER ADDISON CREEK ON NORTH SIDE OF CERMAK ROAD. BOLT HAS AN (X) CUT IN TOP AND IS ADJACENT TO A SPRING LOAD SNOW MARKER.	622.86	1889466.56	1113862.14
BM 24	CUT SQUARE ON NORTHWEST CORNER OF LIGHT POLE BASE ±30' EAST OF THE SOUTHEAST CORNER OF 21ST STREET BRIDGE OVER ADDISON CREEK.	622.80	1888693.75	1114185.52
BM 25	WESTERLY BONNET BOLT (X) ADJACENT TO SPRING AT 19TH AVENUE AND 21ST AVENUE.	623.29	1888093.34	1114223.53

TOPOGRAPHIC SURVEY AND BENCHMARK DATA PROVIDED BY TERRA ENGINEERING LTD.



Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
 OF GREATER CHICAGO**

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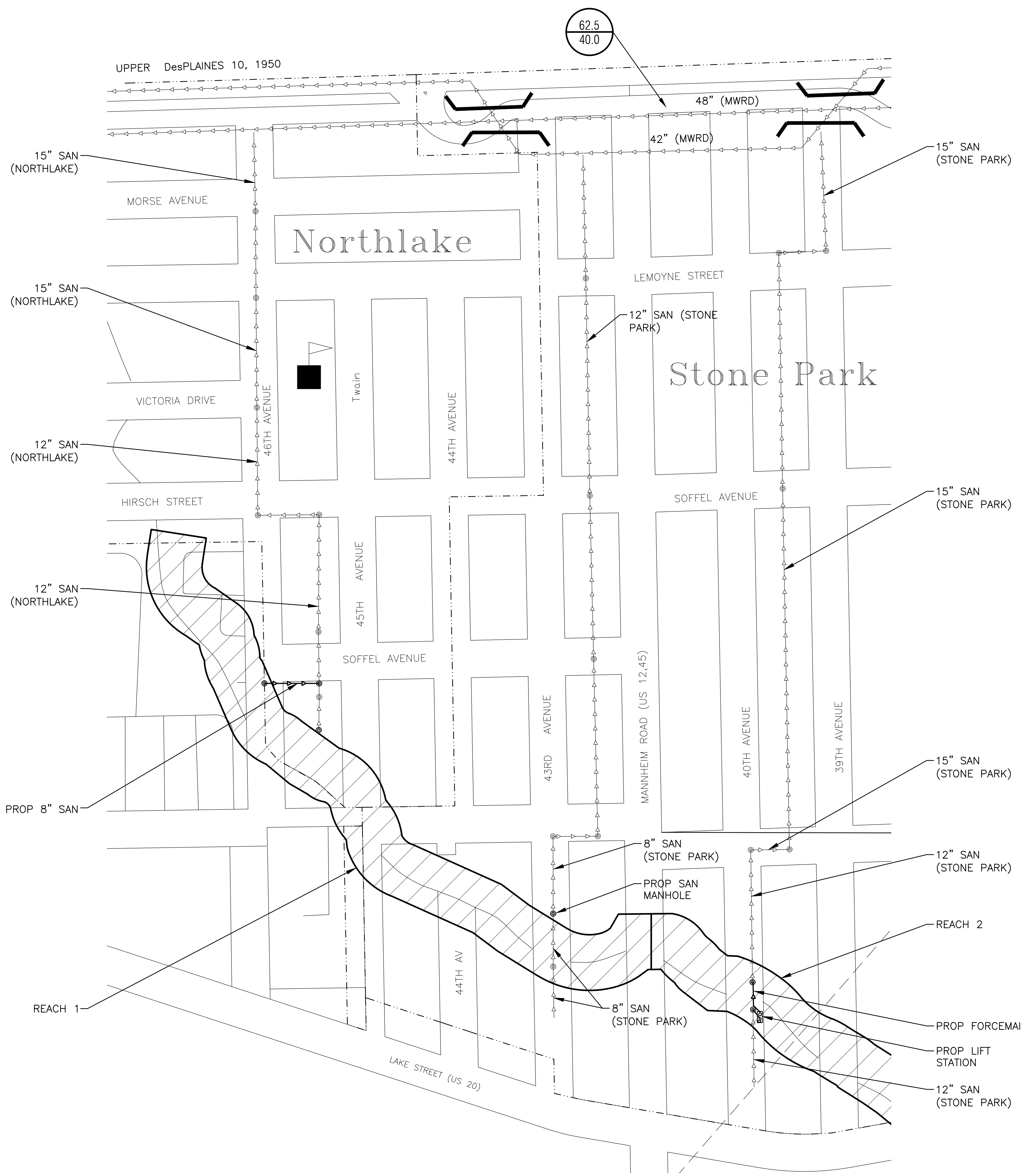
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

CONTROL DATA - REACH 6-9

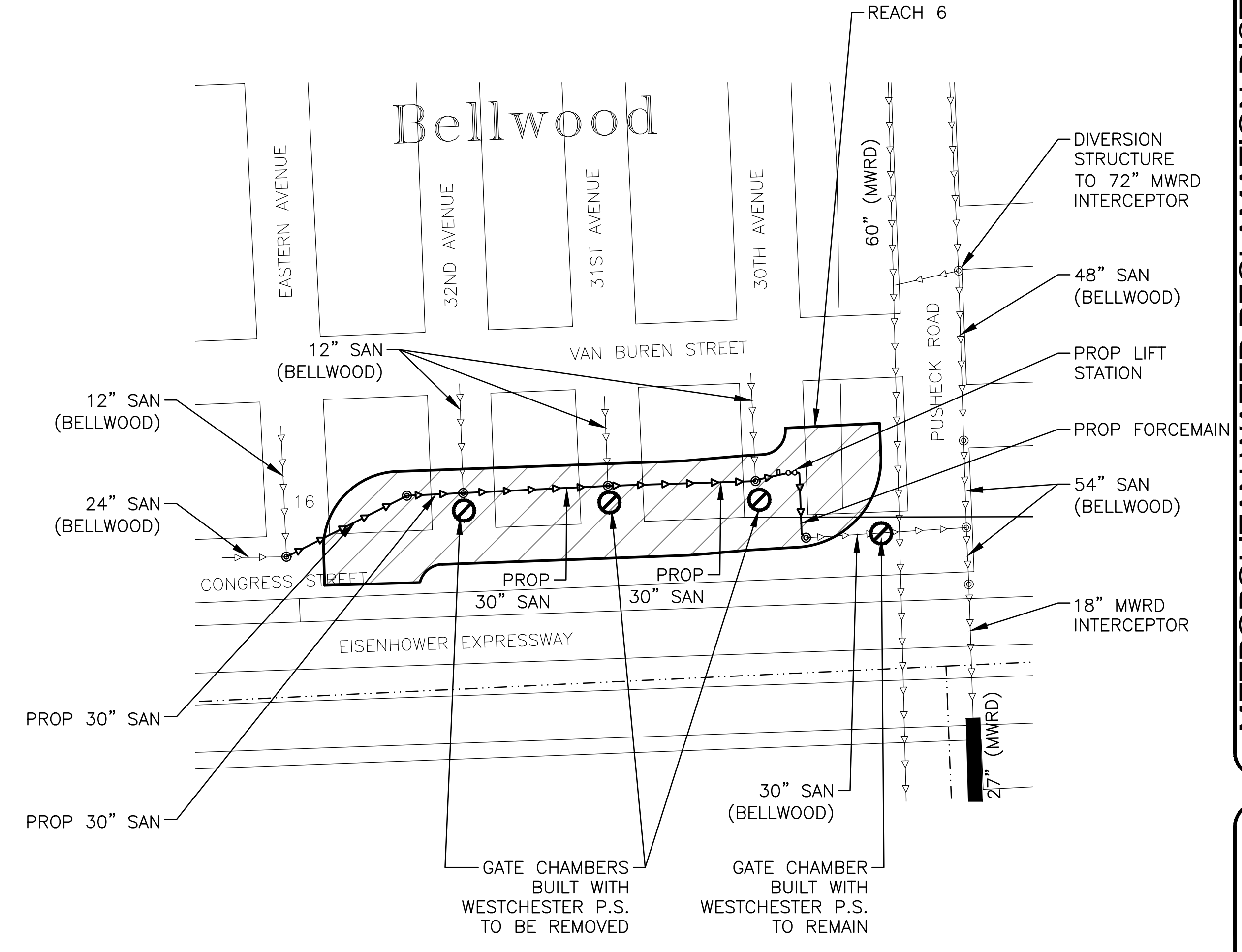
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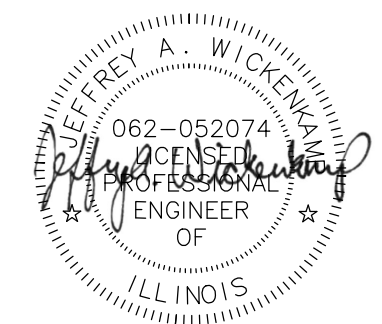
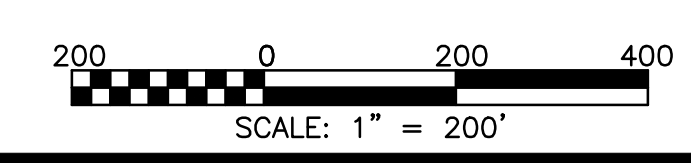
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1 REACH 1 & 2 SEWER ROUTING MAP
 SCALE: NTS



2 REACH 6 SEWER ROUTING MAP
 SCALE: NTS



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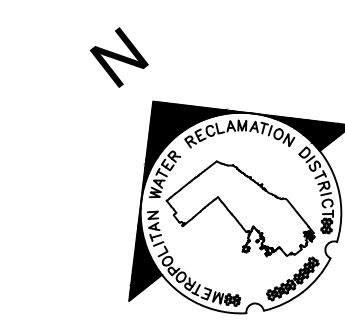
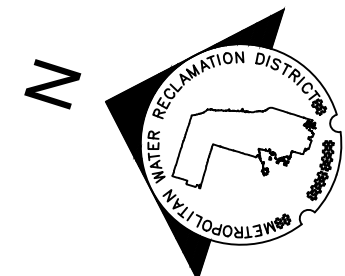
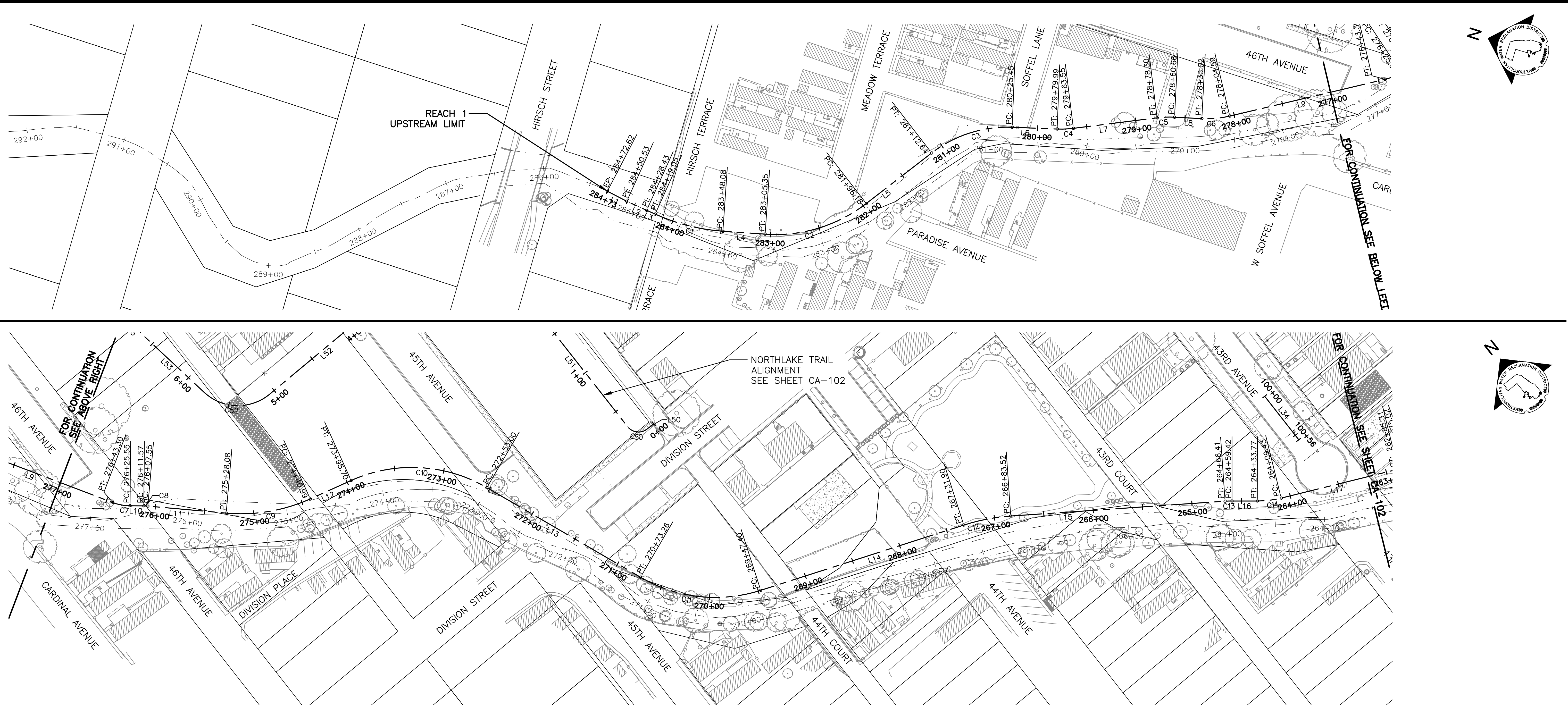
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

SEWER ROUTING MAPS - REACH 1, 2 & 6

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ALIGNMENT TABLE			
NUMBER	STATION	NORTHING	EASTING
L1	284+72.62	1907554.12	1104964.84
L2	284+50.53	1907532.35	1104961.09
L3	284+28.43	1907510.40	1104958.53
C1	284+19.05	1907501.08	1104957.44
L4	283+48.08	1907430.62	1104961.76
C2	283+05.35	1907389.10	1104971.87
L5	281+96.18	1907301.13	1105032.38
C3	281+12.64	1907253.66	1105101.13
L6	280+25.45	1907184.01	1105150.61
C4	279+79.99	1907140.18	1105162.69
L7	279+63.55	1907124.76	1105168.34
C5	278+78.30	1907047.40	1105204.13
L8	278+60.66	1907030.82	1105210.09
C6	278+33.02	1907004.09	1105217.11
L9	278+04.59	1906977.98	1105228.12
C7	276+43.30	1906839.73	1105311.20
L10	276+25.55	1906826.44	1105322.83
C8	276+11.57	1906817.71	1105333.75
L11	276+07.55	1906815.08	1105336.78
C9	275+28.08	1906760.61	1105394.66

ALIGNMENT TABLE			
NUMBER	STATION	NORTHING	EASTING
L12	274+40.99	1906719.41	1105470.30
C10	273+95.70	1906708.52	1105514.27
L13	272+53.00	1906618.11	1105617.70
C11	270+73.26	1906450.97	1105683.83
L14	269+47.40	1906365.51	1105771.16
C12	267+31.90	1906290.60	1105973.23
L15	266+83.52	1906268.48	1106016.13
C13	264+66.41	1906146.44	1106195.69
L16	264+59.42	1906142.31	1106201.33
C14	264+33.77	1906126.45	1106221.49
L17	264+09.43	1906113.86	1106242.25
C15	262+85.31	1906062.86	1106355.40
L18	262+75.02	1906059.12	1106364.98
C16	262+09.74	1906038.55	1106426.94
L19	261+99.70	1906036.78	1106436.79
C17	261+54.85	1906035.27	1106481.61
L20	261+38.48	1906038.50	1106497.51
L21	260+69.08	1906067.68	1106560.48
C18	260+31.78	1906084.31	1106593.86
L22	260+16.35	1906087.98	1106608.72

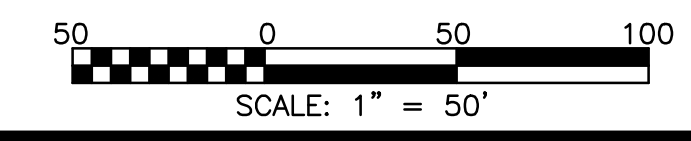
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C19	259+09.79	1906090.27	1106715.26
L23	258+68.87	1906073.11	1106750.74
C20	257+71.59	1905995.57	1106809.48
L24	256+68.91	1905936.01	1106891.32
C21	255+22.00	1905887.60	1107030.01
L25	254+96.05	1905881.02	1107055.09
C22	254+63.48	1905875.27	1107087.15
L26	254+37.21	1905864.20	1107110.65
C23	253+22.25	1905789.88	1107198.35
L27	252+87.11	1905769.63	1107227.01
C24	250+86.85	1905668.86	1107400.07
L28	250+39.58	1905641.37	1107438.43
L29	247+74.67	1905467.41	1107638.23
	247+00.00	1905424.20	1107699.12

CURVE TABLE				
CURVE NO.	PC STA.	PT STA.	RADIUS	LENGTH
C1	283+48.08	284+19.05	200	70.96
C2	281+96.18	283+05.35	150	109.17
C3	280+25.45	281+12.64	125	87.19
C4	279+63.55	279+79.99	100	16.44
C5	278+60.66	278+78.30	100	17.65
C6	278+04.59	278+33.02	100	28.43
C7	276+25.55	276+43.30	50	17.75
C8	276+07.55	276+11.57	50	4.02
C9	274+40.99	275+28.08	170	87.08
C10	272+53.00	273+95.70	150	142.70
C11	269+47.40	270+73.26	150	125.85
C12	266+83.52	267+31.90	200	48.38
C13	264+59.42	264+66.41	100	6.99
C14	264+09.43	264+33.77	100	24.34
C15	262+75.02	262+85.31	100	10.29
C16	261+99.70	262+09.74	35	10.04
C17	261+38.48	261+54.85	35	16.37
C18	260+16.35	260+31.78	35	15.43

CURVE TABLE				
CURVE NO.	PC STA.	PT STA.	RADIUS	LENGTH
C19	258+68.87	259+09.79	43	40.92
C20	256+68.91	257+71.59	175	102.69
C21	254+96.05	255+22.00	164	25.95
C22	254+37.21	254+63.48	50	26.27
C23	252+87.11	253+22.25	200	35.14
C24	250+39.58	250+86.85	250	47.27

ALIGNMENT TABLE - 43rd AVENUE			
LINE NO.	STATION	NORTHING	EASTING
L34	100+00.00	1906205.04	1106292.72
	100+55.80	1906149.24	1106292.64

ALIGNMENT TABLE - 39th AVENUE			
LINE NO.	STATION	NORTHING	EASTING
L35	110+00.00	1905799.16	1107359.88
	100+55.77	1905743.40	1107360.93



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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

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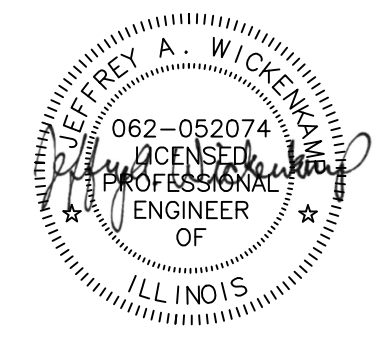
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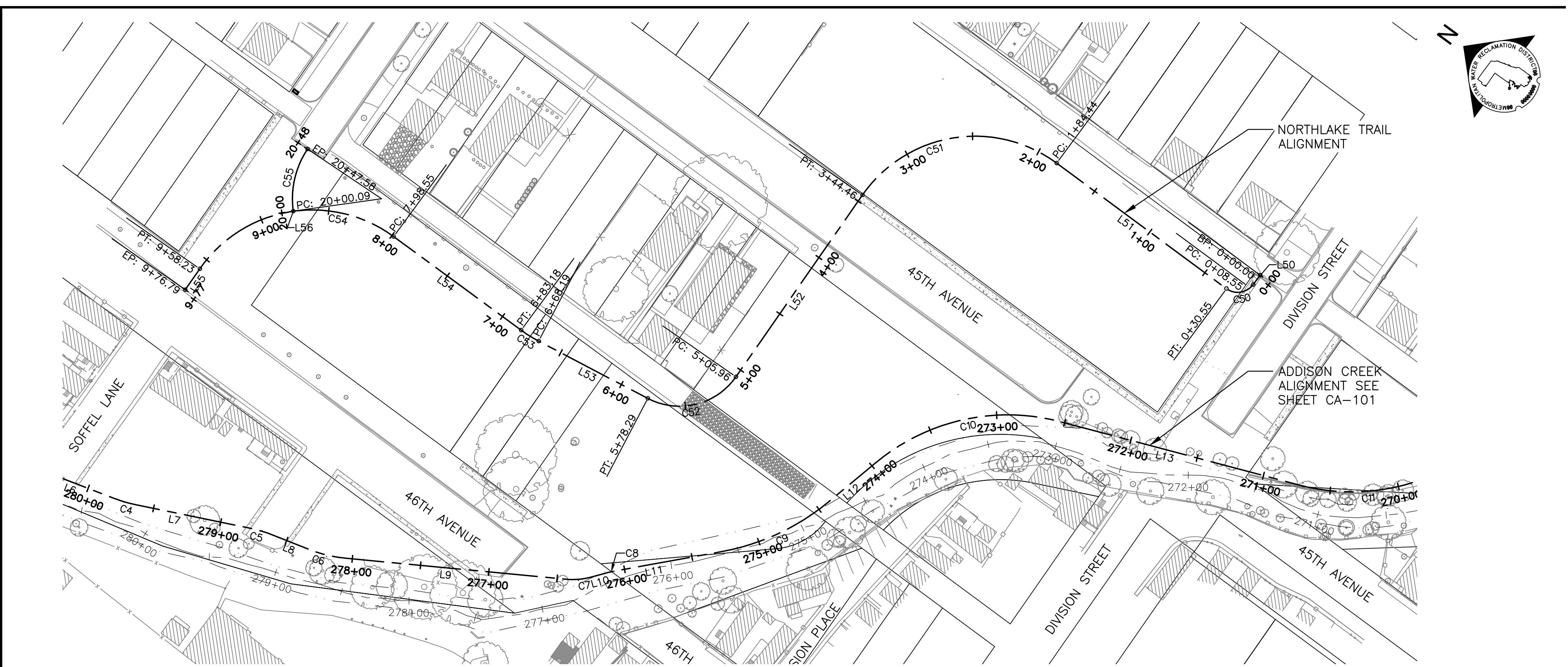
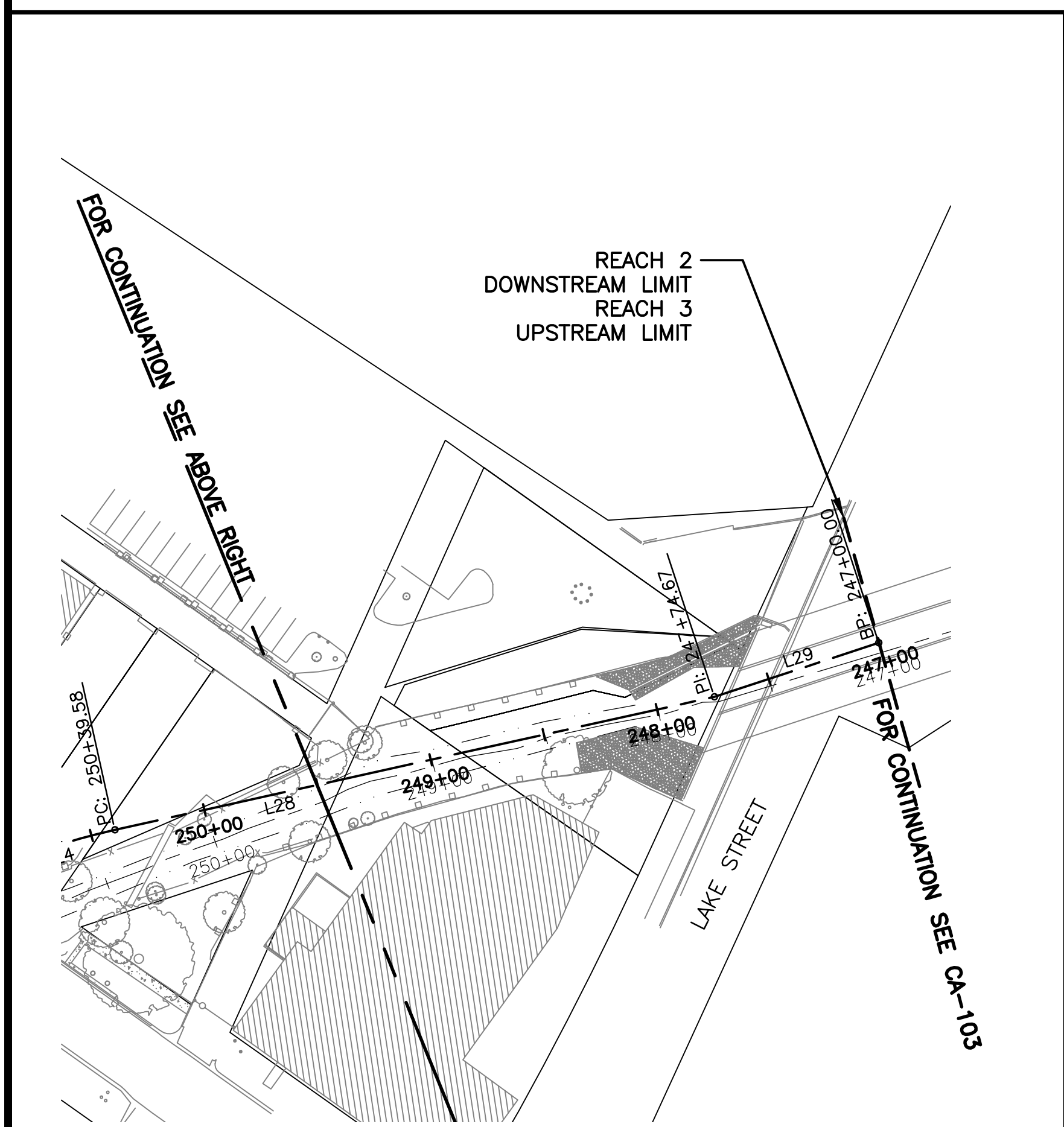
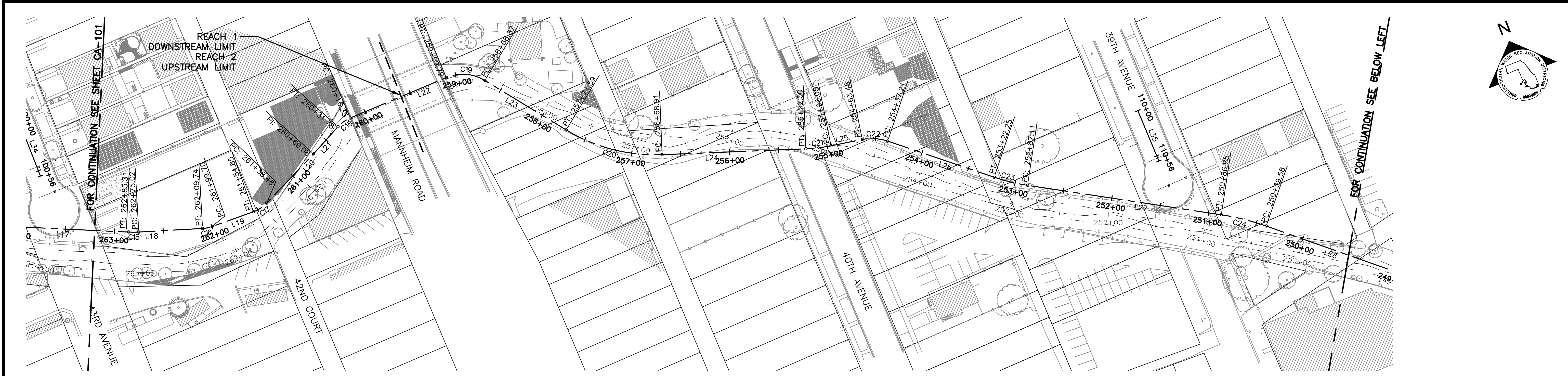
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

ALIGNMENT AND TIES - REACH 1
 STA. 284+72 TO STA. 263+20

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Page Number: 16



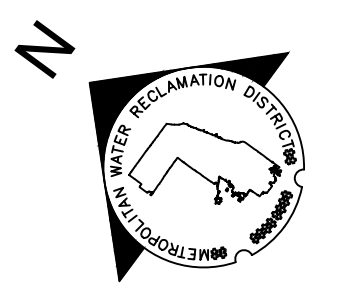
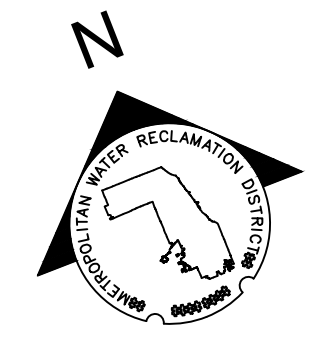
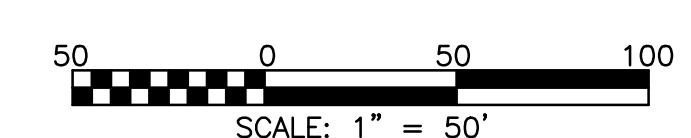


ALIGNMENT TABLE - NORTHLAKE TRAIL

NUMBER	STATION	NORTHING	EASTING
L50	0+00.00	1906564.57	1105790.13
C50	0+08.55	1906564.57	1105781.58
L51	0+30.55	1906578.58	1105767.58
C51	1+81.75	1906732.48	1105767.71
L52	3+41.76	1906832.52	1105664.86
C52	5+03.27	1906827.92	1105503.42
L53	5+75.60	1906870.30	1105452.58
C53	6+65.49	1906959.15	1105438.91
L54	6+80.49	1906974.09	1105437.75
C54	7+95.86	1907089.45	1105437.45
L55	9+55.54	1907189.15	1105334.58
	9+74.09	1907188.62	1105316.03
L56	20+00.00	1907159.24	1105408.81
C55	20+00.09	1907159.30	1105408.87
	20+47.58	1907177.85	1105451.45

CURVE TABLE - NORTHLAKE TRAIL

CURVE NO.	PC STA.	PT STA.	RADIUS	LENGTH
C50	0+08.55	0+30.55	14	22.00
C51	1+84.44	3+44.46	100	160.01
C52	5+05.96	5+78.29	50	72.33
C53	6+68.19	6+83.18	100	15.00
C54	7+98.55	9+58.23	100	159.68
C55	20+00.09	20+47.58	65	47.49



Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

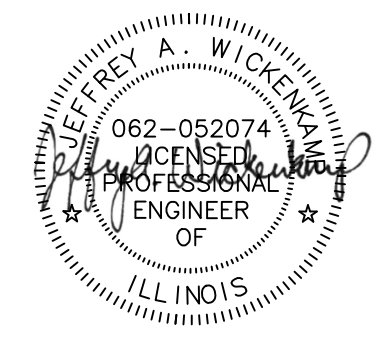
Hey and Associates, Inc.
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 8755 WEST HERGANS ROAD, SUITE 835
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Designed by: TCT
 Checked by: PML
 Drawn by: KSS
 Correct: JAW

Scale: AS SHOWN
 Date: 2022

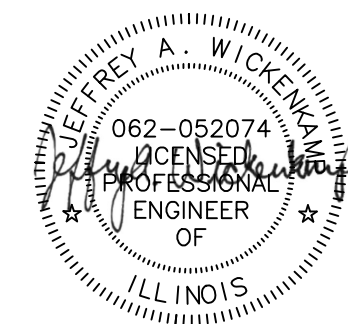
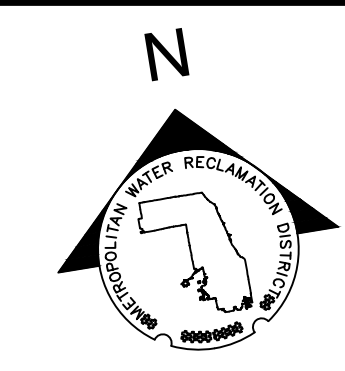
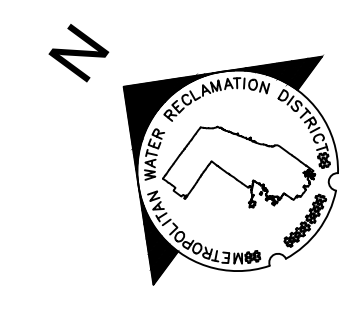
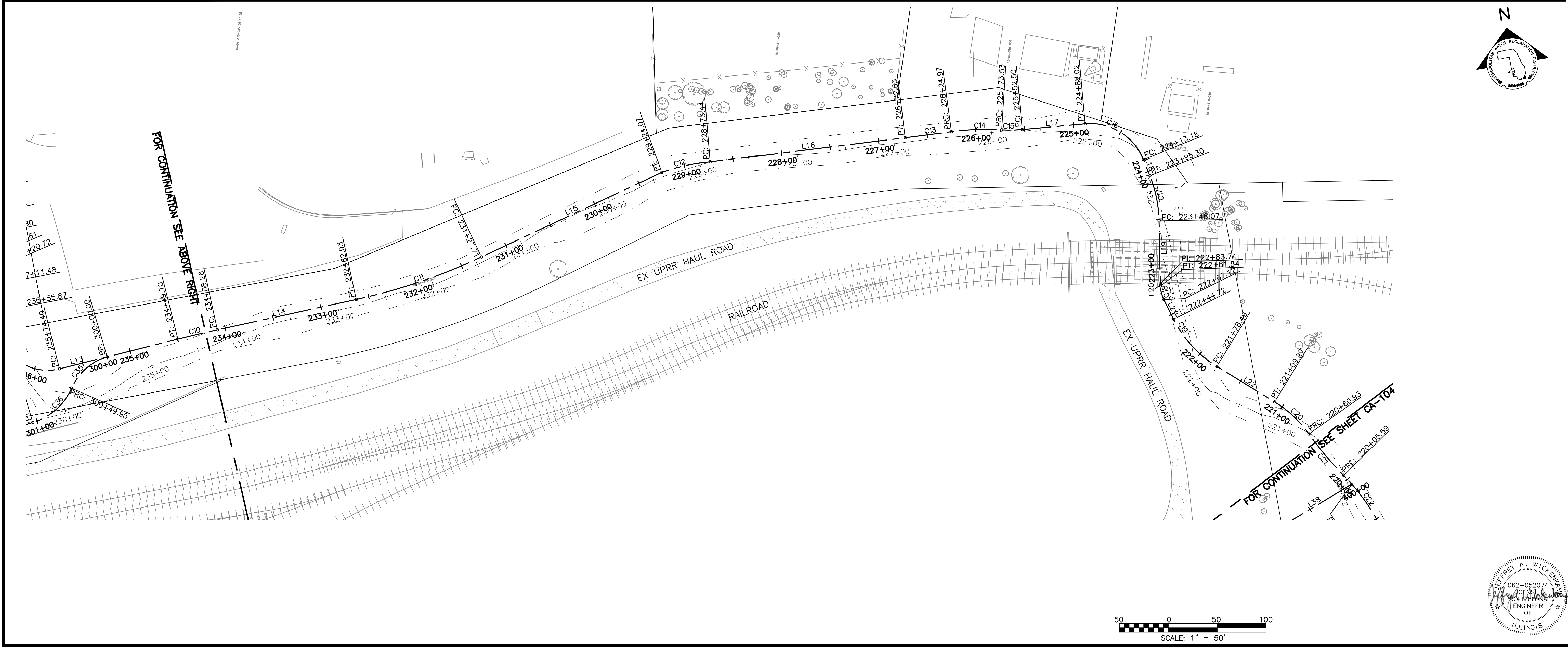
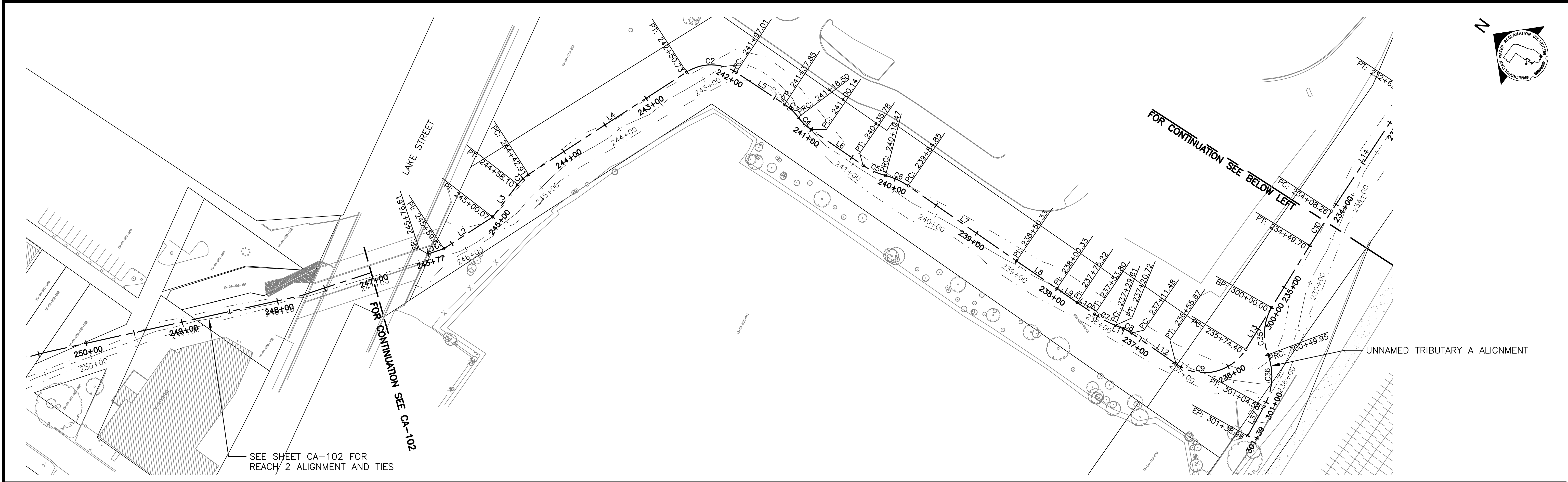
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

ALIGNMENT AND TIES - REACH 1 & 2
 STA. 263+20 TO STA. 247+00



Sheet Number:
CA-102
 Page Number: 17

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Rev.	Description	Appr.	Date

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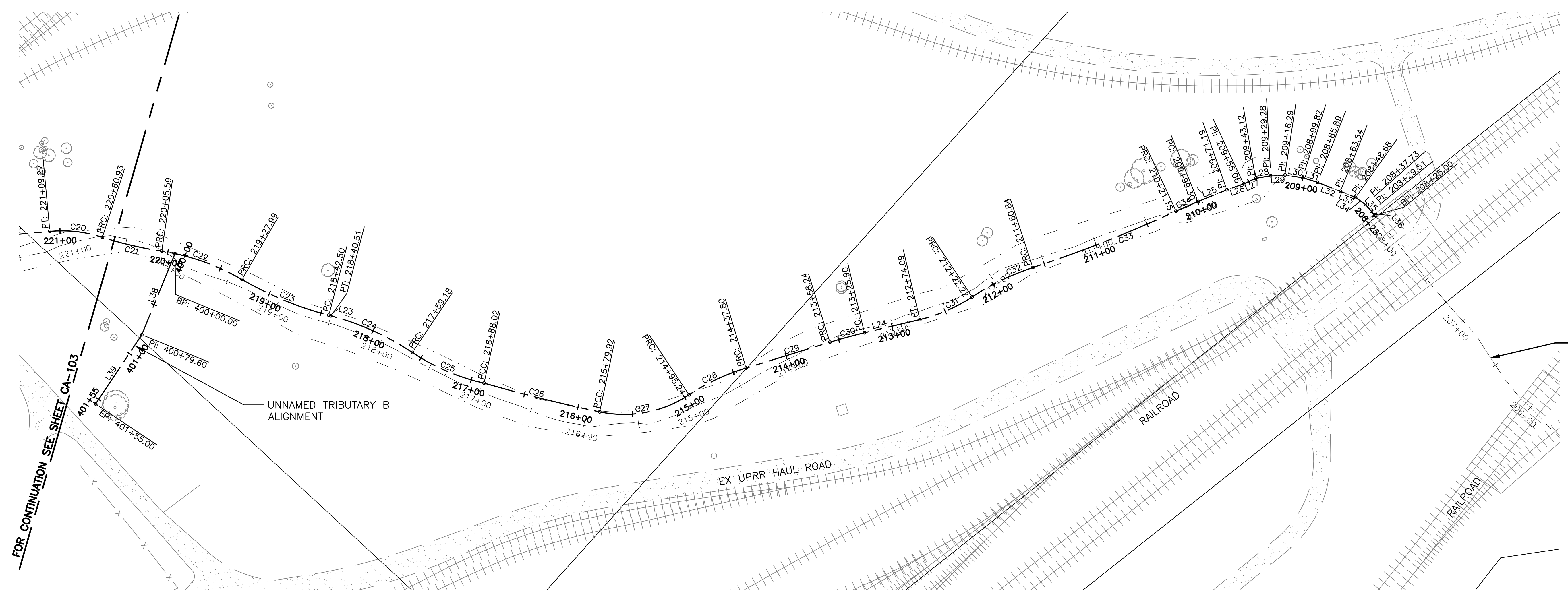
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 Date: 2022

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

ALIGNMENT AND TIES - REACH 3
 STA. 245+77 TO STA. 220+50

Sheet Number:
CA-103

Page Number: 18



REACH 3
DOWNSTREAM LIMIT

ALIGNMENT TABLE			
NUMBER	STATION	NORTHING	EASTING
L1	245+76.61	1905388.76	1107749.08
L3	245+00.07	1905358.02	1107818.69
C1	244+58.10	1905357.17	1107860.65
L4	244+42.91	1905354.32	1107875.50
C2	242+50.73	1905286.56	1108055.34
L5	241+97.01	1905245.58	1108085.30
C3	241+37.85	1905186.49	1108088.38
C4	241+18.50	1905167.38	1108086.07
L6	241+00.14	1905149.25	1108083.71
C5	240+35.78	1905084.94	1108085.94
C6	240+10.47	1905060.30	1108091.18
L7	239+84.85	1905035.37	1108096.44
L8	238+50.33	1904900.91	1108100.53
L9	238+00.33	1904850.95	1108102.31
L10	237+75.22	1904825.85	1108103.21
C7	237+53.80	1904804.45	1108104.17
L11	237+29.61	1904780.55	1108107.65
C8	237+20.72	1904771.92	1108109.79
L12	237+11.48	1904762.79	1108111.06
C9	236+55.87	1904707.20	1108112.79
L13	235+74.40	1904658.77	1108167.15
C10	234+49.70	1904669.25	1108291.41
L14	234+08.26	1904672.09	1108332.75
C11	232+62.93	1904679.79	1108477.88
L15	231+27.71	1904701.89	1108611.00

ALIGNMENT TABLE			
NUMBER	STATION	NORTHING	EASTING
C12	229+24.07	1904757.40	1108806.92
L16	228+73.44	1904760.07	1108857.34
C13	226+72.63	1904752.20	1109057.99
C14	226+24.97	1904750.66	1109105.62
C15	225+73.53	1904744.25	1109156.58
L17	225+52.50	1904741.15	1109177.36
C16	224+88.02	1904736.56	1109241.68
L18	224+13.18	1904690.96	1109294.57
C17	223+95.30	1904673.51	1109298.46
L19	223+48.07	1904626.57	1109300.26
L20	222+83.74	1904562.89	1109291.13
C18	222+81.54	1904560.72	1109290.86
L21	222+67.12	1904546.46	1109292.13
C19	222+44.72	1904525.05	1109298.73
L22	221+78.49	1904470.34	1109334.50
C20	221+09.27	1904425.12	1109386.92
C21	220+60.93	1904387.11	1109416.24
C22	220+05.59	1904339.58	1109444.49
C23	219+27.99	1904269.44	1109476.58
L23	218+42.50	1904190.16	1109507.88
C24	218+40.51	1904188.43	1109508.86
C25	217+59.18	1904112.23	1109536.20
C26	216+88.02	1904046.09	1109561.32
C27	215+79.92	1903952.52	1109615.40
C28	214+95.24	1903904.99	1109682.80

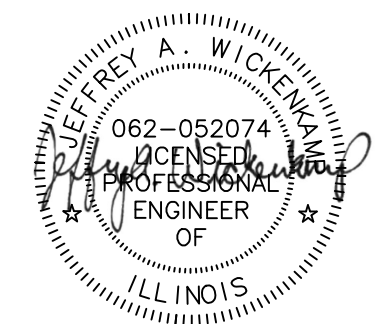
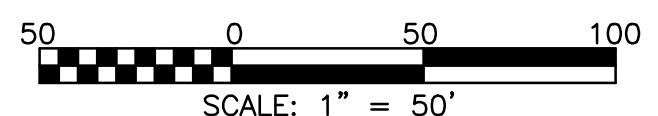
ALIGNMENT TABLE			
NUMBER	STATION	NORTHING	EASTING
C29	214+37.80	1903884.63	1109736.29
C30	213+58.24	1903846.15	1109805.91
L24	213+25.90	1903829.67	1109833.74
C31	212+74.09	1903801.72	1109877.36
C32	212+22.22	1903781.90	1109925.01
C33	211+60.84	1903760.76	1109982.44
C34	210+21.15	1903702.84	1110109.46
L25	209+99.30	1903694.48	1110129.66
L26	209+71.19	1903683.13	1110155.37
L27	209+55.06	1903675.91	1110169.80
L28	209+43.12	1903671.65	1110180.95
L29	209+29.28	1903663.45	1110192.10
L30	209+16.29	1903654.60	1110201.61
L31	208+99.82	1903641.15	1110211.12
L32	208+85.89	1903628.69	1110217.35
L33	208+63.54	1903608.03	1110225.87
L34	208+48.68	1903594.26	1110231.45
L35	208+37.73	1903583.44	1110233.09
L36	208+29.51	1903575.24	1110232.43
	208+25.00	1903570.77	1110231.89

ALIGNMENT TABLE			
NUMBER	STATION	NORTHING	EASTING
L37	301+38.98	1904604.79	1108097.25
C36	301+04.58	1904609.15	1108131.38
C35	300+49.95	1904637.31	1108176.19
	300+00.00	1904662.99	1108217.19

ALIGNMENT TABLE			
NUMBER	STATION	NORTHING	EASTING
L39	401+55.00	1904286.55	1109303.12
L38	400+79.60	1904299.94	1109377.32
	400+00.00	1904329.40	1109451.27

CURVE TABLE				
CURVE NO.	PC STA.	PT STA.	RADIUS	LENGTH
C1	244+42.91	244+58.10	44.66	15.19
C2	241+97.01	242+50.73	46.37	53.72
C3	241+18.50	241+37.85	56.04	19.35
C4	241+00.14	241+18.50	56.04	18.37
C5	240+10.47	240+35.78	72.21	25.31
C6	239+84.85	240+10.47	72.21	25.62
C7	237+29.61	237+53.80	121.49	24.19
C8	237+11.48	237+20.72	43.42	9.24
C9	235+74.40	236+55.87	50.17	81.47
C10	234+08.26	234+49.70	1328.00	41.44
C11	231+27.71	232+62.93	606.03	135.22
C12	228+73.44	229+24.07	192.26	50.64
C13	226+24.97	226+72.63	3473.31	47.66
C14	225+73.53	226+24.97	258.04	51.44
C15	225+52.50	225+73.53	137.00	21.03
C16	224+13.18	224+88.02	58.46	74.84
C17	223+48.07	223+95.30	130.59	47.23
C18	222+67.12	222+81.54	34.24	14.42
C19	221+78.49	222+44.72	118.32	66.23
C20	220+60.93	221+09.27	119.72	48.33
C21	220+05.59	220+60.93	341.43	55.35
C22	219+27.99	220+05.59	206.09	77.59
C23	218+42.50	219+27.99	315.99	85.49
C24	217+59.18	218+40.51	243.77	81.33
C25	216+88.02	217+59.18	192.13	71.16

CURVE TABLE				
CURVE NO.	PC STA.	PT STA.	RADIUS	LENGTH
C26	215+79.92	216+88.02	1540.33	108.10
C27	214+95.24	215+79.92	106.53	84.69
C28	214+37.80	214+95.24	195.49	57.44
C29	213+58.24	214+37.80	7135.25	79.55
C30	213+25.90	213+58.24	459.03	32.35
C31	212+22.22	212+74.09	147.70	51.87
C32	211+60.84	212+22.22	228.91	61.38
C33	210+21.15	211+60.84	1183.91	139.69
C34	209+99.30	210+21.15	465.39	21.86
C35	300+00.00	300+49.95	57.28	49.95
C36	300+49.95	301+04.58	62.89	54.63



Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**

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Checked by: PML
AS SHOWN

Drawn by: KSS
Reviewed by: JAW
2022

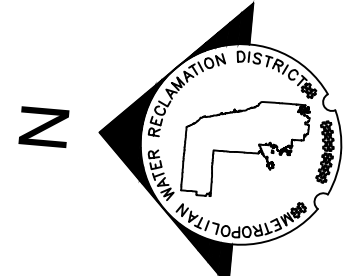
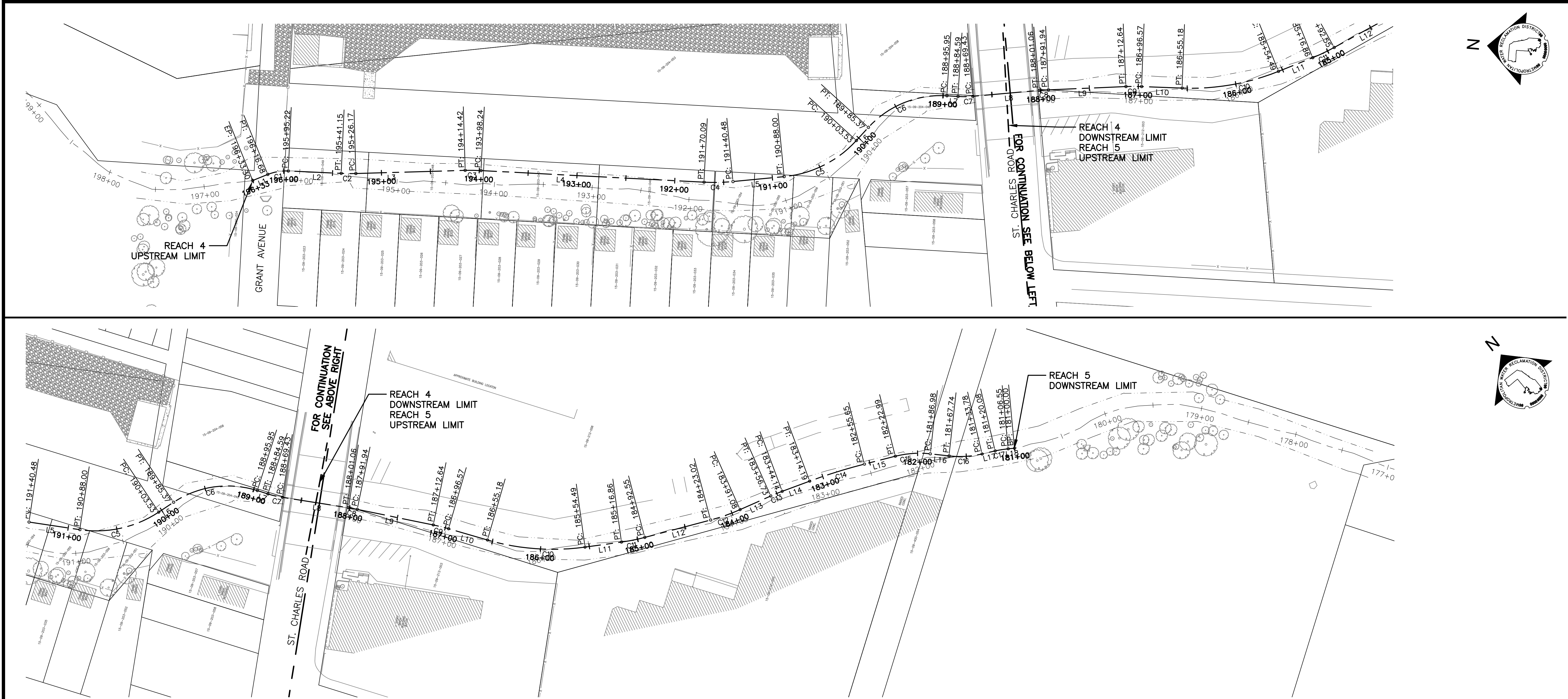
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CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

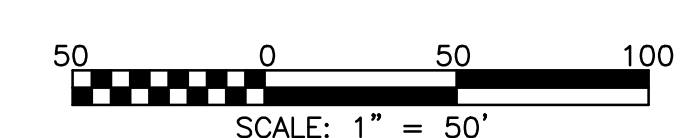
ALIGNMENT AND TIES - REACH 3
STA. 220+50 TO STA. 208+25



ALIGNMENT TABLE			
NUMBER	STATION	NORTHING	EASTING
L1	196+33.30	1902567.41	1110104.59
C1	196+16.68	1902552.59	1110112.12
L2	195+95.22	1902531.98	1110117.51
C2	195+41.15	1902477.96	1110119.73
L3	195+26.17	1902463.03	1110120.91
C3	194+14.42	1902352.03	1110133.85
L4	193+98.24	1902335.90	1110135.07
C4	191+70.09	1902107.89	1110143.09
L5	191+40.48	1902078.49	1110146.31
C5	190+88.00	1902026.88	1110155.87
L6	190+03.53	1901956.50	1110199.07
C6	189+85.37	1901945.46	1110213.49
L7	188+95.95	1901868.39	1110252.70
C7	188+84.59	1901857.04	1110252.96
L8	188+69.43	1901841.97	1110254.46
C8	188+01.06	1901774.64	1110266.37
L9	187+91.94	1901765.63	1110267.76
C9	187+12.64	1901686.99	1110277.99
L10	186+96.57	1901670.99	1110279.42
C10	186+55.18	1901629.65	1110281.46

ALIGNMENT TABLE			
NUMBER	STATION	NORTHING	EASTING
L11	185+54.49	1901533.03	1110307.04
C11	185+16.86	1901499.46	1110324.04
L12	184+92.55	1901478.48	1110336.31
C12	184+23.02	1901420.72	1110375.00
L13	183+91.08	1901395.71	1110394.82
C13	183+56.73	1901370.58	1110418.23
L14	183+44.14	1901361.10	1110426.52
C14	183+14.19	1901337.94	1110445.52
L15	182+55.65	1901290.79	1110480.16
C15	182+22.99	1901263.48	1110498.08
L16	181+86.98	1901230.50	1110512.04
C16	181+67.74	1901211.73	1110516.25
L17	181+33.78	1901180.47	1110529.11
C17	181+20.08	1901168.87	1110536.38
L18	181+06.55	1901156.95	1110542.78
	181+00.00	1901150.98	1110545.47

CURVE TABLE				
CURVE NO.	PC STA.	PT STA.	RADIUS	LENGTH
C1	195+95.22	196+16.68	50	21.46
C2	195+26.17	195+41.15	200	14.97
C3	193+98.24	194+14.42	200	16.18
C4	191+40.48	191+70.09	200	29.61
C5	190+03.53	190+88.00	115	84.47
C6	188+95.95	189+85.37	100	89.42
C7	188+69.43	188+84.59	100	15.15
C8	187+91.94	188+01.06	200	9.12
C9	186+96.57	187+12.64	200	16.07
C10	185+54.49	186+55.18	240	100.68
C11	184+92.55	185+16.86	200	24.32
C12	183+91.08	184+23.02	200	31.94
C13	183+44.14	183+56.73	200	12.59
C14	182+55.65	183+14.19	550	58.54
C15	181+86.98	182+22.99	100	36.01
C16	181+33.78	181+67.74	100	33.96
C17	181+06.55	181+20.08	100	13.54



Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**

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DESIGNED BY: TCT
CHECKED BY: PML
DRAWN BY: KSS
CORRECT: JAW

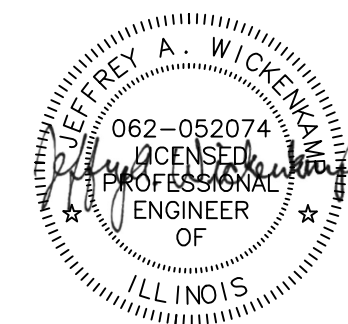
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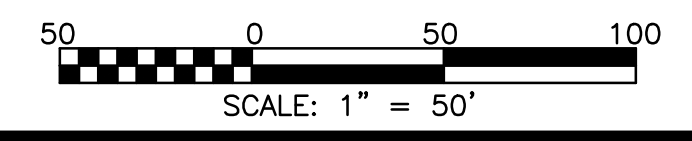
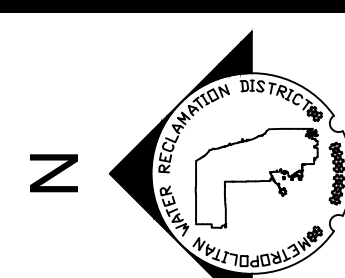
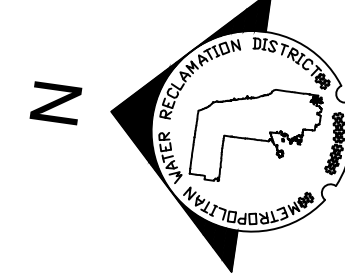
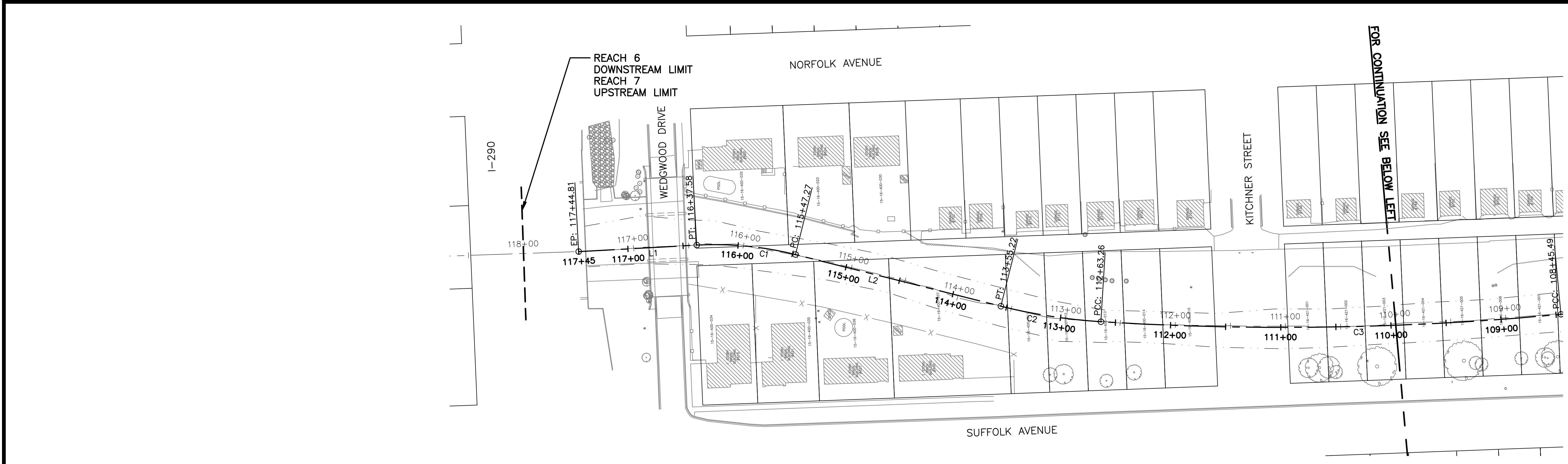
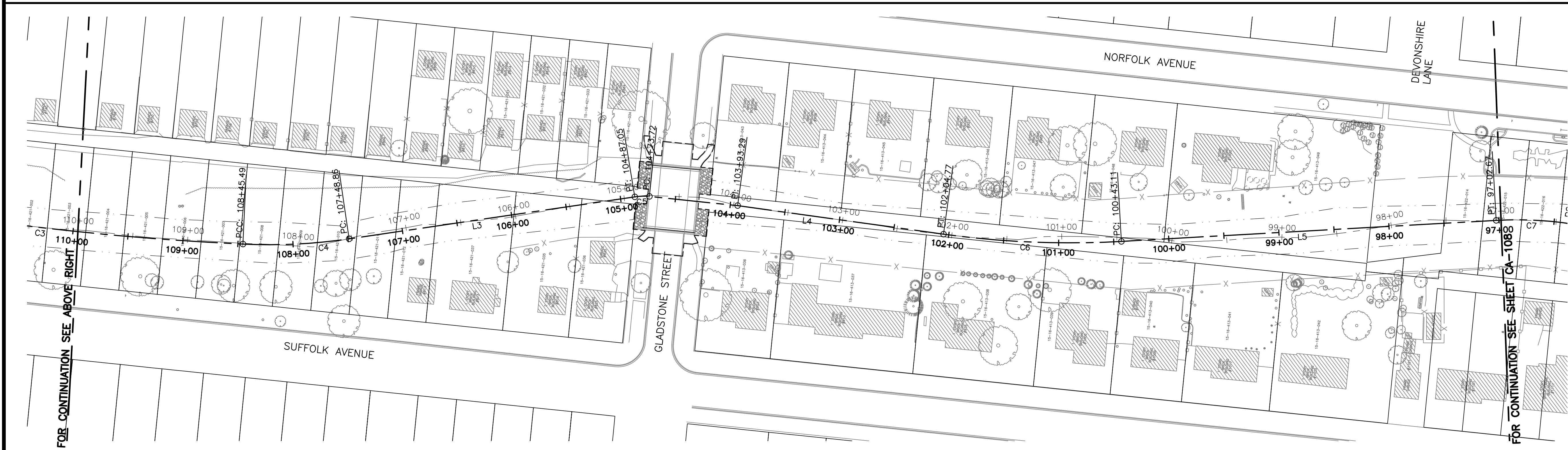
CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

ALIGNMENT AND TIES - REACH 4 & 5
STA. 196+33 TO STA. 181+00

Sheet Number:
CA-105

Page Number: 20





FOR CONTINUATION SEE ABOVE RIGHT

FOR CONTINUATION SEE SHEET CA-1068

FOR CONTINUATION SEE BELOW LEFT

REACH 6
DOWNSTREAM LIMIT
REACH 7
UPSTREAM LIMIT

CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

ALIGNMENT AND TIES - REACH 7
STA. 118+00 TO STA. 97+00

METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO

Designed by: TCT/TRP
Checked by: PML
AS SHOWN

Drawn by: KSS
Reviewed by: JAW
Date: 2022

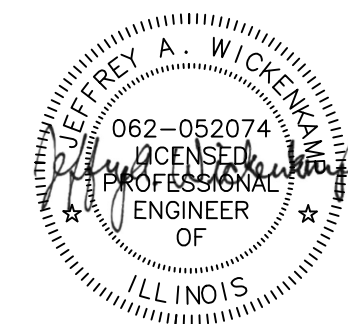
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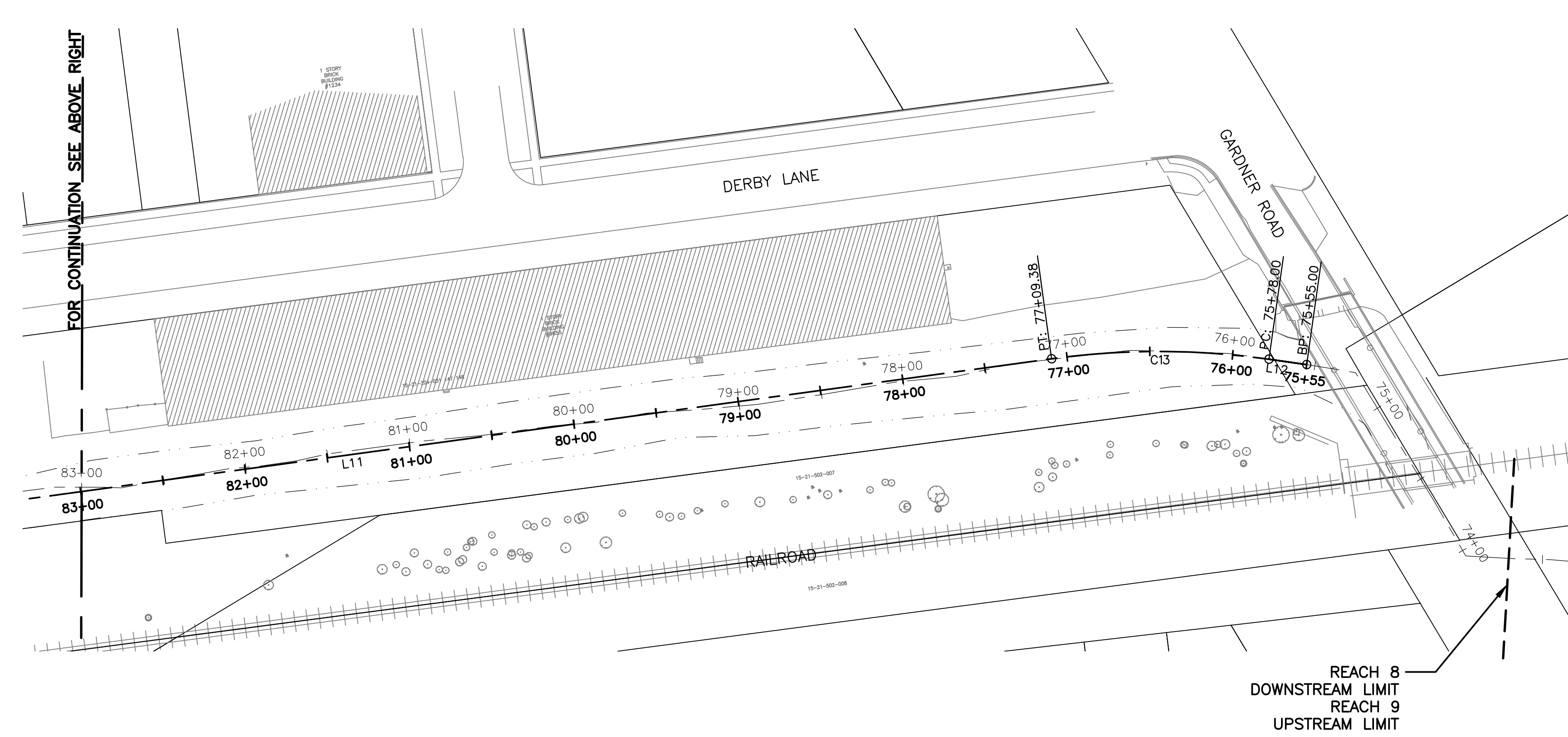
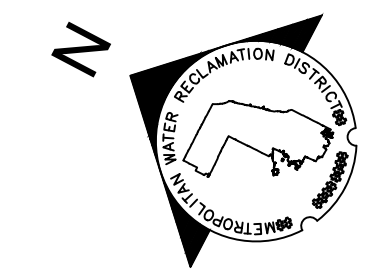
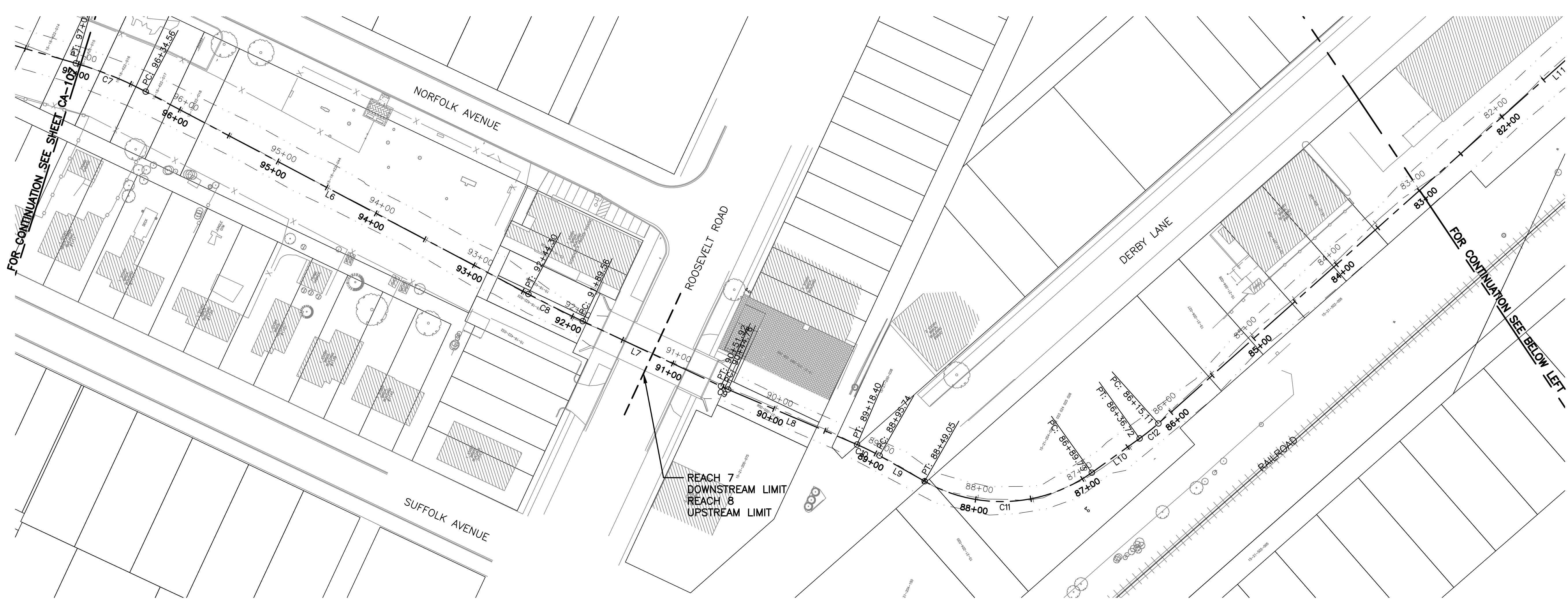
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CA-107

Page Number: **22**

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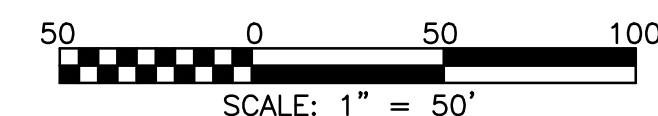


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ALIGNMENT TABLE			
NUMBER	STATION	NORTHING	EASTING
L1	117+44.81	1895803.77	1109810.40
C1	116+37.58	1895696.70	1109816.30
L2	115+47.27	1895607.14	1109807.73
C2	113+55.22	1895420.87	1109760.96
C3	112+63.26	1895330.13	1109746.87
C4	108+45.49	1894912.84	1109753.56
L3	107+48.86	1894818.11	1109771.86
C5	104+87.05	1894567.04	1109846.08
L4	103+93.29	1894473.57	1109851.32
C6	102+04.77	1894285.05	1109852.04
L5	100+43.11	1894124.46	1109868.26
C7	97+02.67	1893790.64	1109935.04
L6	96+34.56	1893722.95	1109941.54
C8	92+44.30	1893332.70	1109939.23
L7	91+89.56	1893277.97	1109940.20
C9	90+51.92	1893140.45	1109945.85
L8	90+44.76	1893133.30	1109946.27
C10	89+18.40	1893007.32	1109955.98
L9	88+95.74	1892984.67	1109956.44
C11	88+49.05	1892938.01	1109954.73
L10	86+89.73	1892808.04	1110031.32
C12	86+36.72	1892784.07	1110078.61
L11	86+15.11	1892775.35	1110098.37
C13	77+09.38	1892455.22	1110945.64
L12	75+78.00	1892392.49	1111060.59
	75+55.00	1892378.79	1111079.07

CURVE TABLE				
CURVE NO.	PC STA.	PT STA.	RADIUS	LENGTH
C1	115+47.27	116+37.58	300	90.31
C2	112+63.26	113+55.22	500	91.95
C3	108+45.49	112+63.26	2674	417.77
C4	107+48.86	108+45.49	500	96.64
C5	104+73.72	104+87.05	50	13.33
C6	100+43.11	102+04.77	835	161.66
C7	96+34.56	97+02.67	335	68.12
C8	91+89.56	92+44.30	1165	54.74
C9	90+44.76	90+51.92	200	7.16
C10	88+95.74	89+18.40	200	22.67
C11	86+89.73	88+49.05	140	159.31
C12	86+15.11	86+36.72	200	21.61
C13	75+78.00	77+09.38	475	131.37



Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

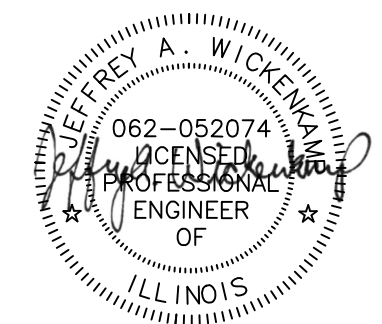
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 Checked by: PML
 Drawn by: KSS
 Reviewed by: JAW
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Scale: AS SHOWN
 Date: 2022

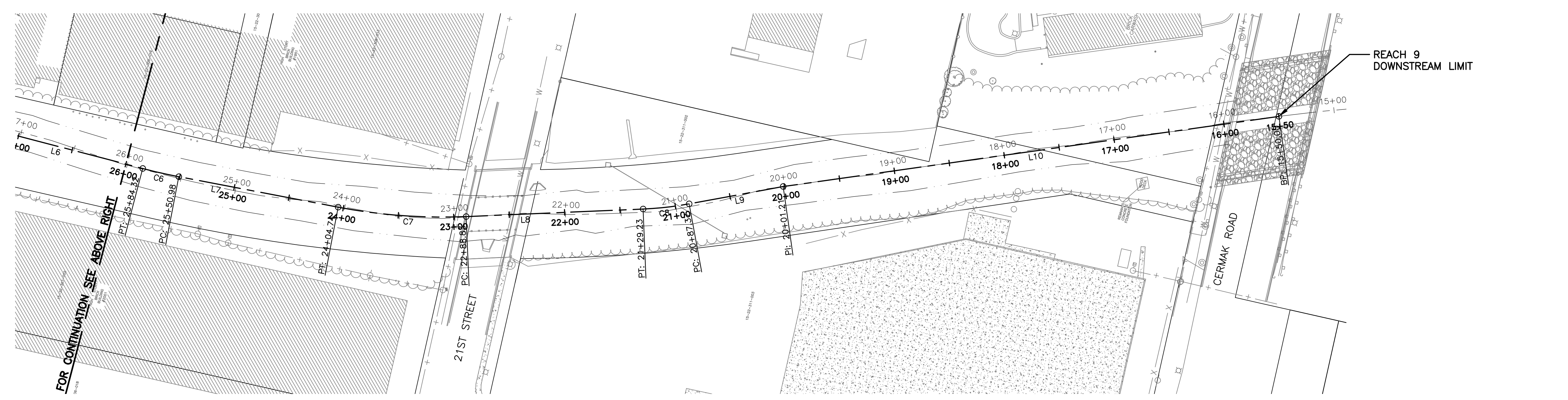
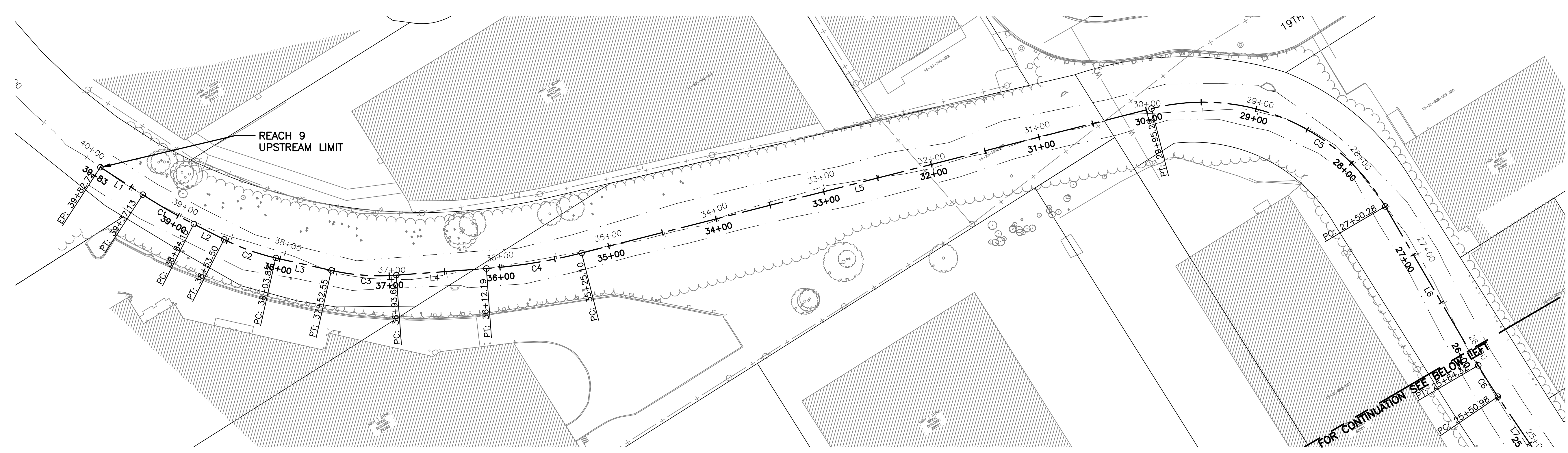
Hey and Associates, Inc.
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

ALIGNMENT AND TIES - REACH 7 & 8
 STA. 97+00 TO STA. 75+55

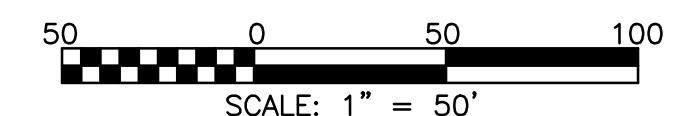


Sheet Number:
CA-108
 Page Number: 23



ALIGNMENT TABLE			
NUMBER	STATION	NORTHING	EASTING
L1	39+82.72	1889806.17	1113086.06
C1	39+37.13	1889765.56	1113106.79
L2	38+84.10	1889719.70	1113133.36
C2	38+53.50	1889694.07	1113150.08
L3	38+03.82	1889656.24	1113182.09
C3	37+52.55	1889621.51	1113219.80
L4	36+93.60	1889588.49	1113268.38
C4	36+12.19	1889553.11	1113341.70
L5	35+25.10	1889522.27	1113423.02
C5	29+95.29	1889378.20	1113932.88
L6	27+50.28	1889196.47	1114071.21
C6	25+84.32	1889030.52	1114072.18
L7	25+50.98	1888997.21	1114073.49
C7	24+04.74	1888851.36	1114084.09
L8	22+88.83	1888737.75	1114105.75
C8	21+29.23	1888585.49	1114153.58
L9	20+87.37	1888546.56	1114168.87
L10	20+01.21	1888468.74	1114205.87
	15+50.00	1888053.60	1114382.64

CURVE TABLE				
CURVE NO.	PC STA.	PT STA.	RADIUS	LENGTH
C1	38+84.10	39+37.13	500	53.02
C2	38+03.82	38+53.50	200	49.68
C3	36+93.60	37+52.55	200	58.95
C4	35+25.10	36+12.19	500	87.09
C5	27+50.28	29+95.29	190	245.01
C6	25+50.98	25+84.32	500	33.34
C7	22+88.83	24+04.74	500	115.91
C8	20+87.37	21+29.23	300	41.86



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DESIGNED BY: TCT
 CHECKED BY: PML
 DRAWN BY: KSS
 CORRECT: JAW

SCALE: AS SHOWN
 DATE: 2022

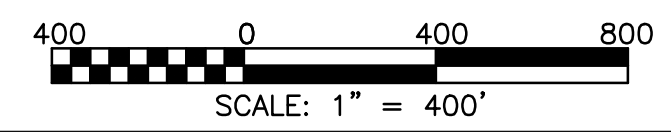
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

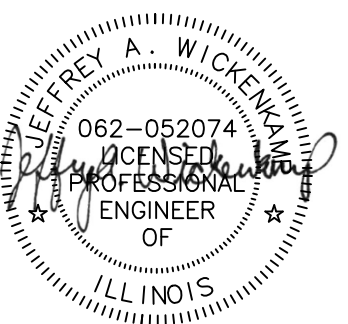
ALIGNMENT AND TIES - REACH 9
 STA. 39+83 TO STA. 15+50

Sheet Number:
CA-109

Page Number: 24



NOTE:
SEE THE ENVIRONMENTAL REPORT AND
GEOTECHNICAL REPORT INCLUDED AS
APPENDICES.



Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**

Contract 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

SOIL BORINGS LOCATIONS - REACH 1-5

Designed by: PML
Checked by: PML
Drawn by: KSS
Correct:

Scale: AS SHOWN
Reviewed by: JAW
Date: 2022

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Sheet Number:
CB-101

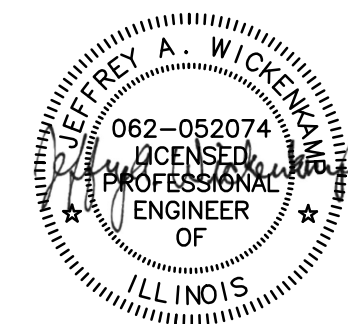
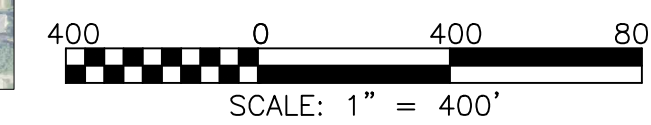
Page Number: 25



SEE REFERENCE SHEET R-143 FOR SOIL BORINGS FROM IDOT GLADSTONE STREET BRIDGE REPLACEMENT PROJECT PLANS TO BE CONSTRUCTED 2022-2023.

SEE REFERENCE SHEETS R-146 & R-147 FOR SOIL BORINGS FROM IDOT CERMAK ROAD BRIDGE REPLACEMENT PROJECT PLANS TO BE CONSTRUCTED IN 2022.

NOTE:
 SEE THE ENVIRONMENTAL REPORT AND GEOTECHNICAL REPORT INCLUDED AS APPENDICES.



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**METROPOLITAN WATER RECLAMATION DISTRICT
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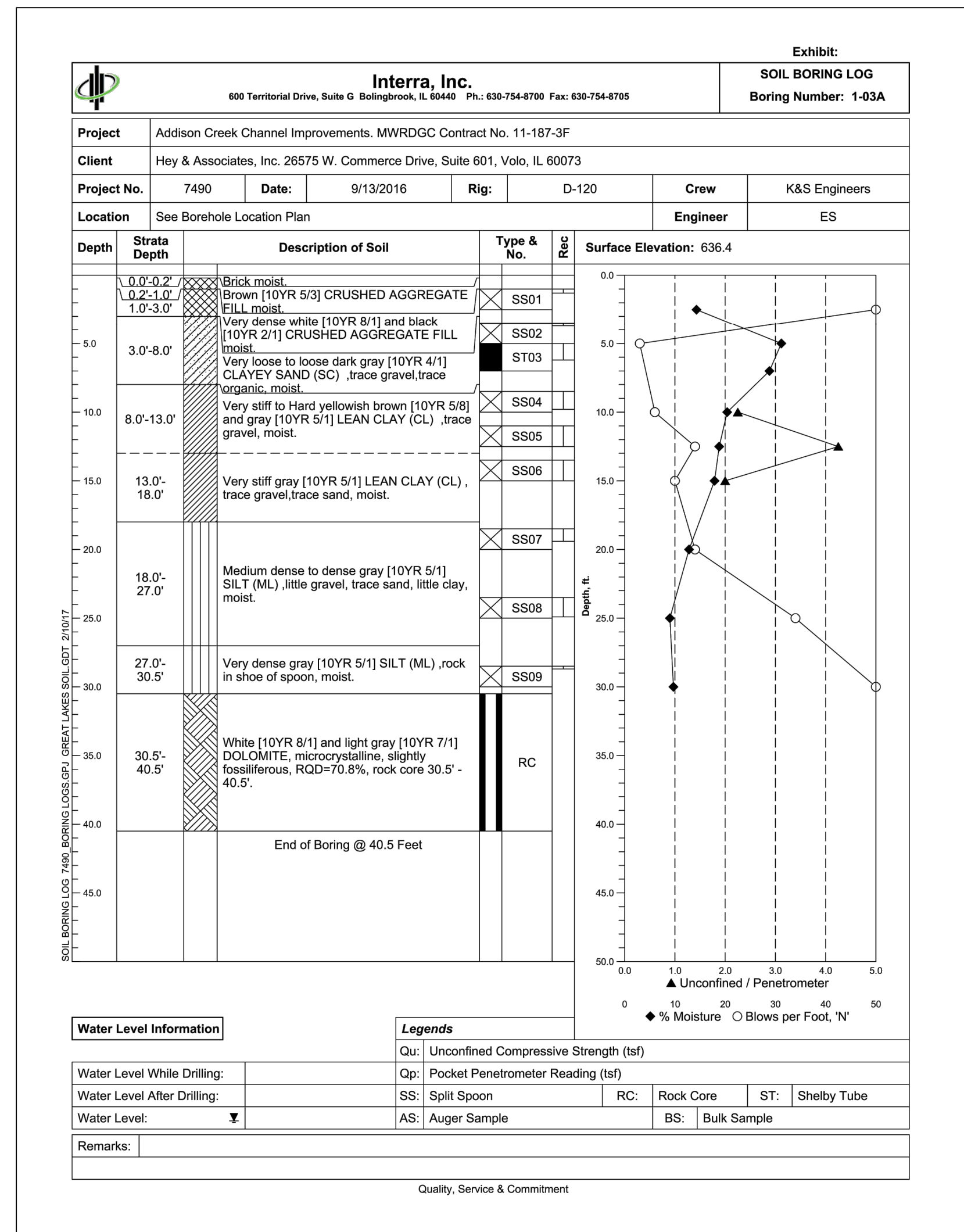
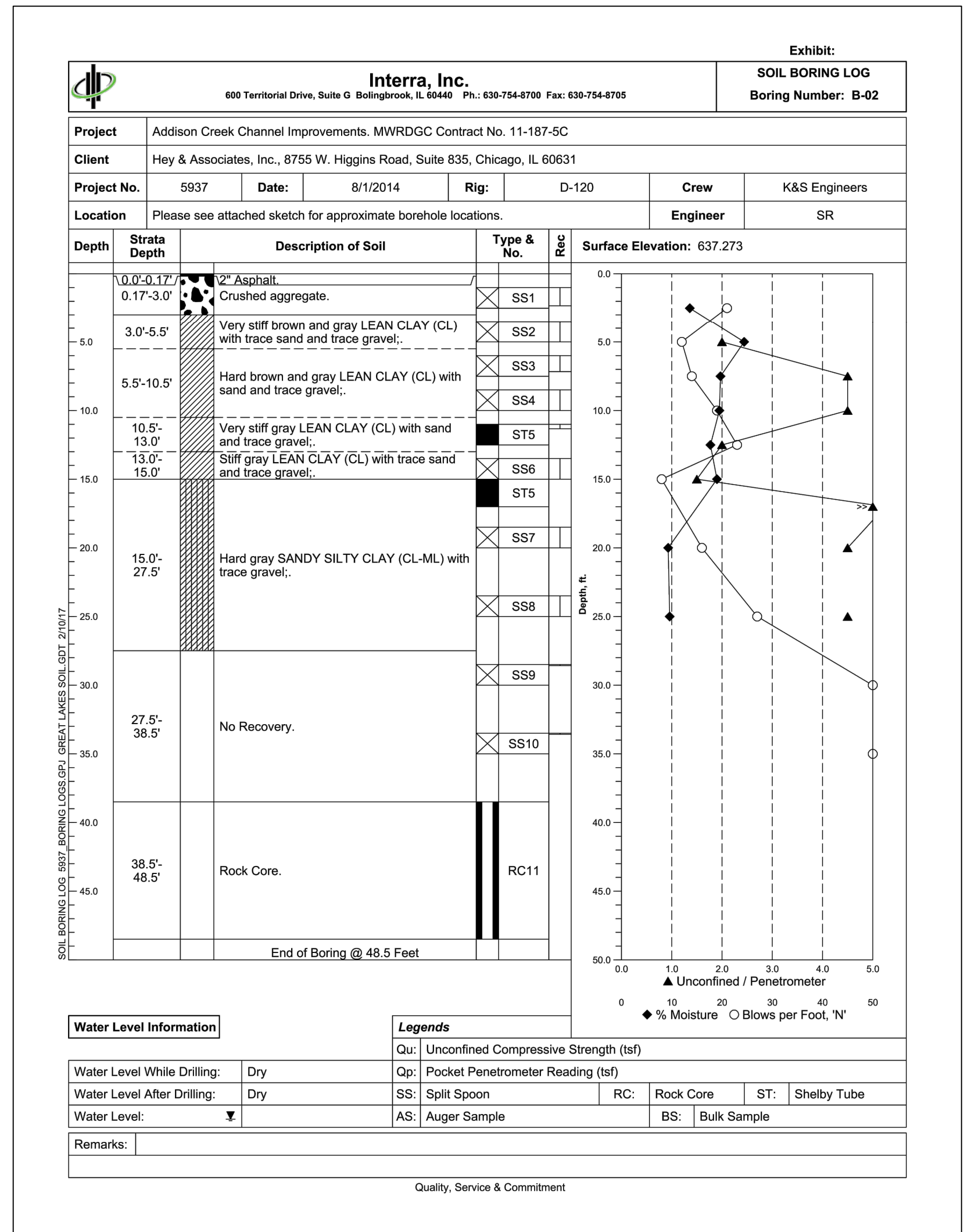
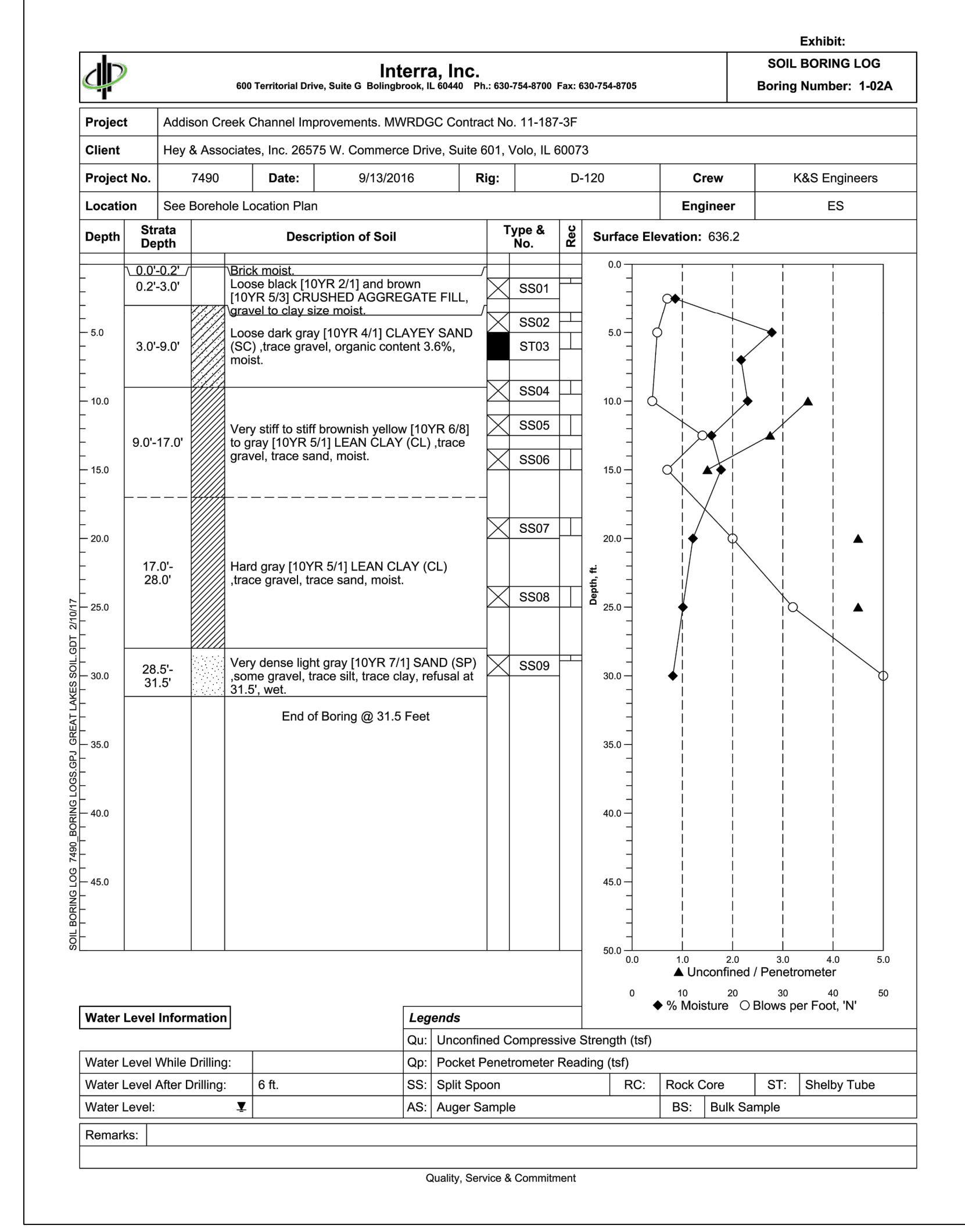
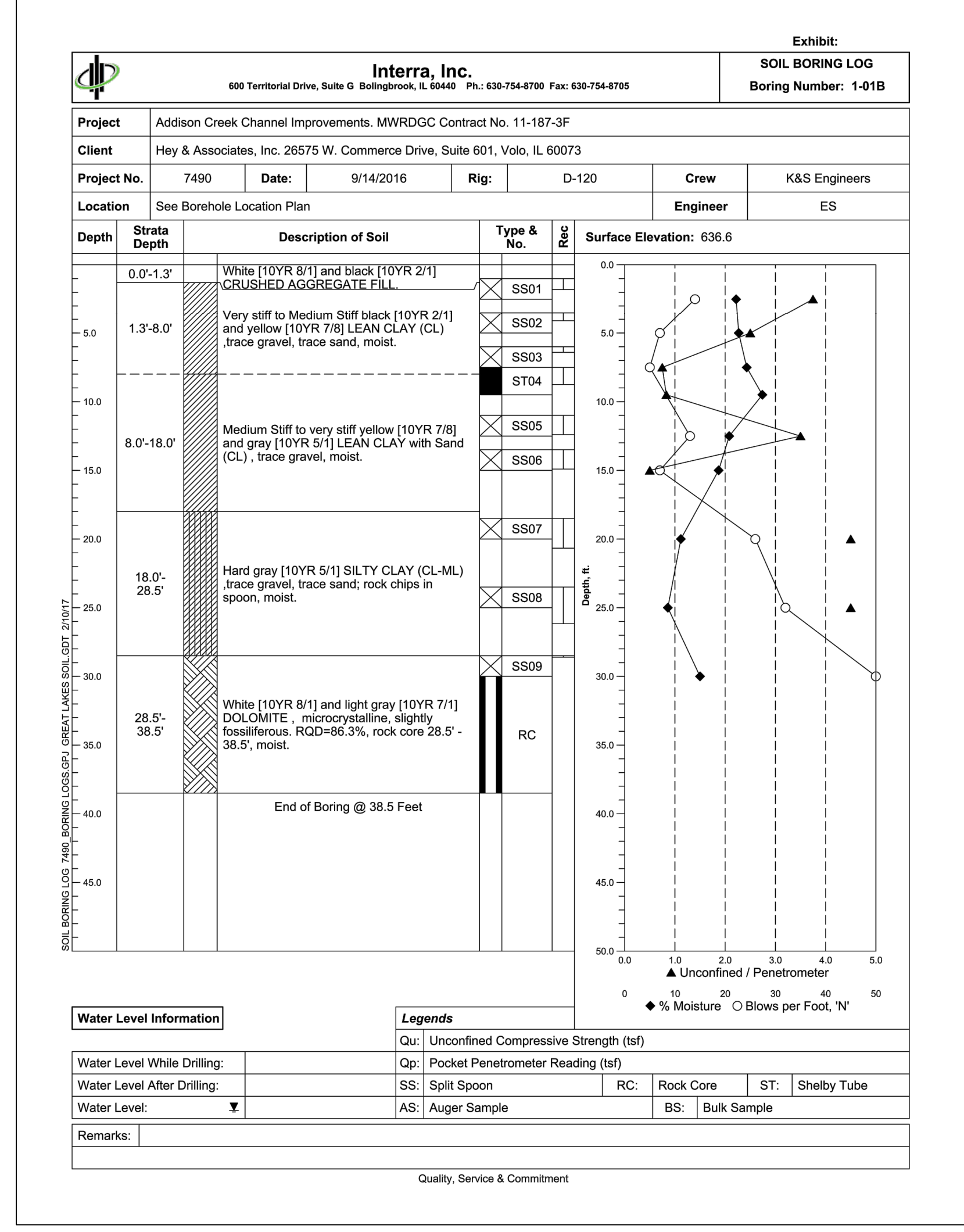
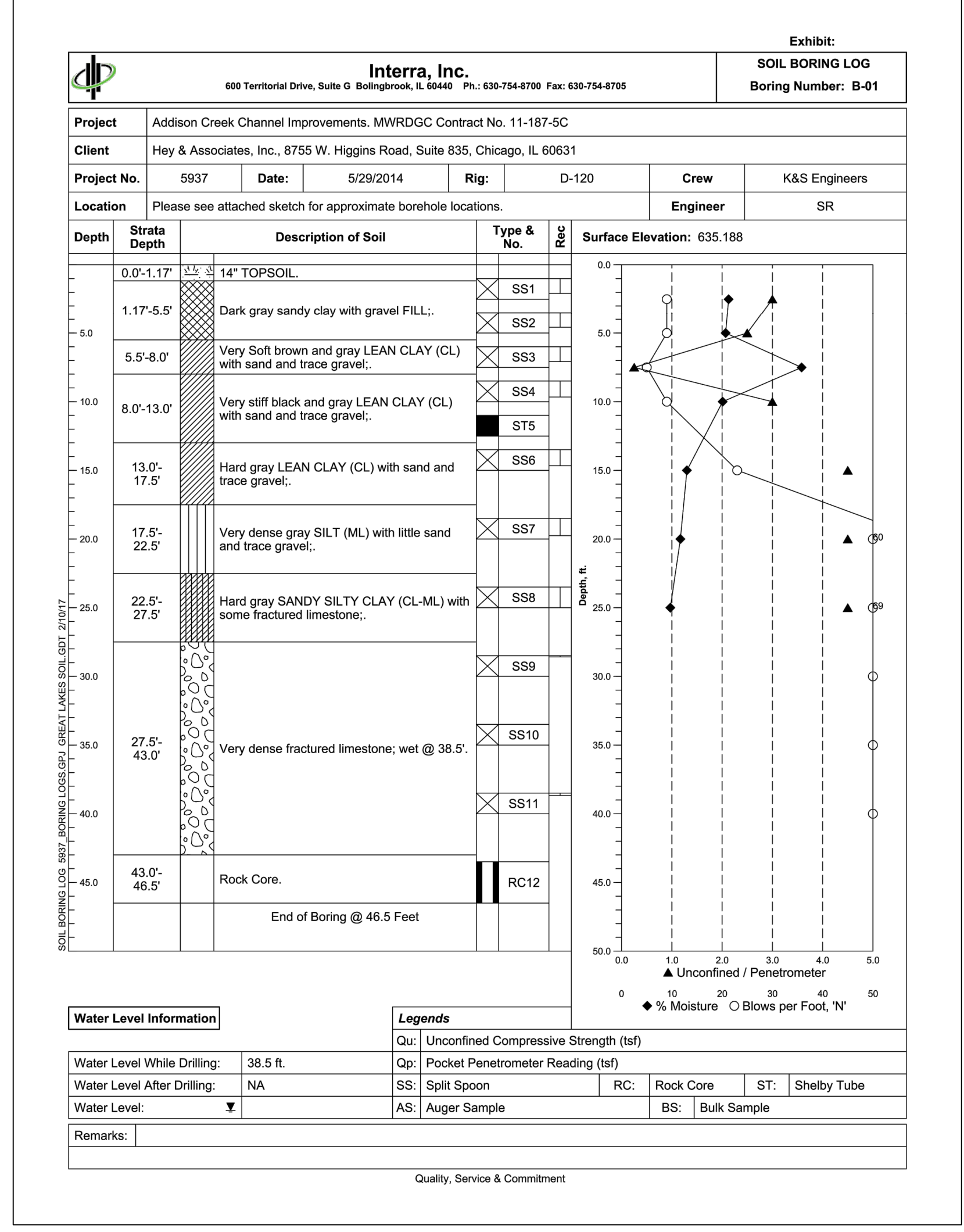
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

SOIL BORINGS LOCATIONS - REACH 6-8

Sheet Number:
CB-102

Page Number: 26

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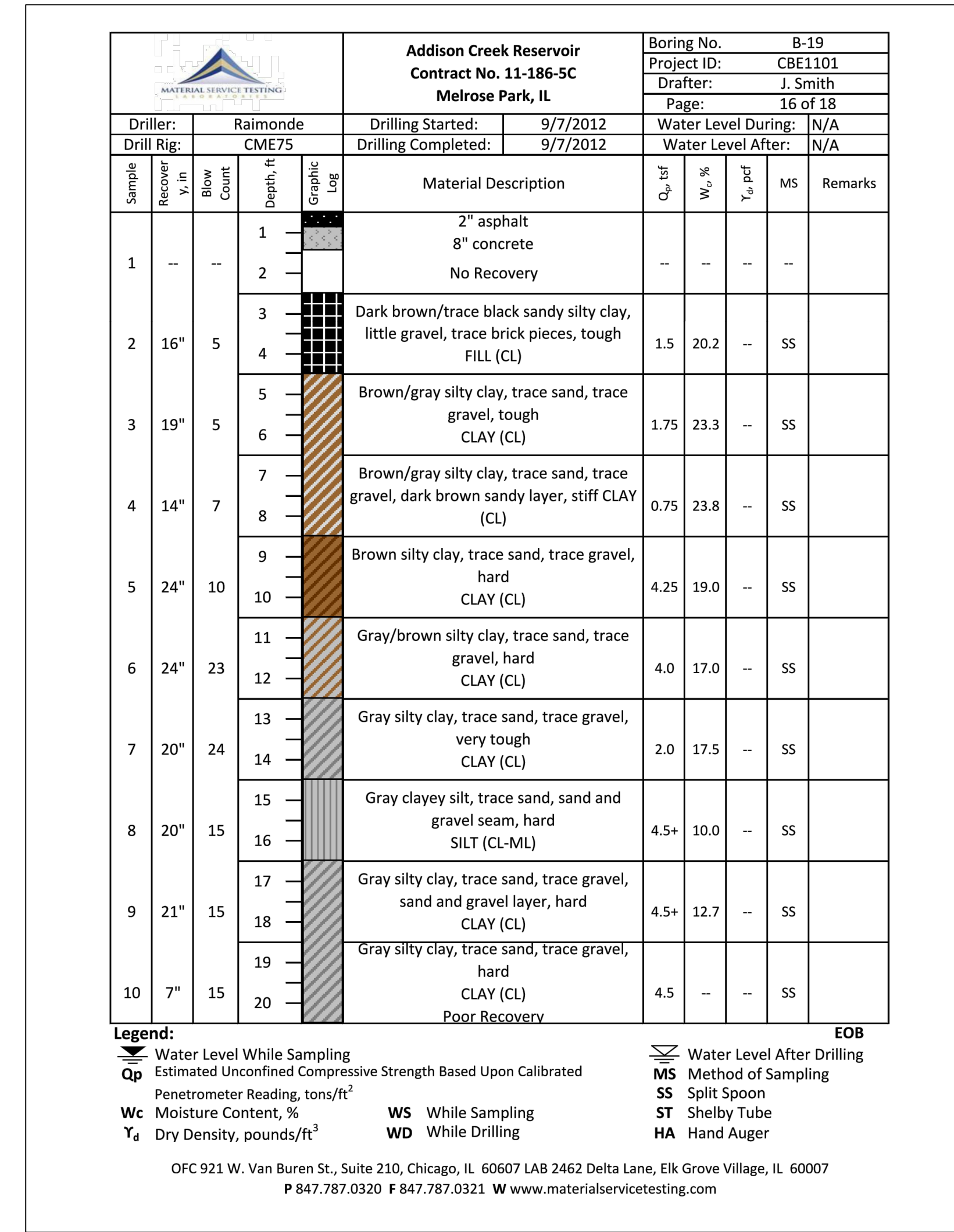
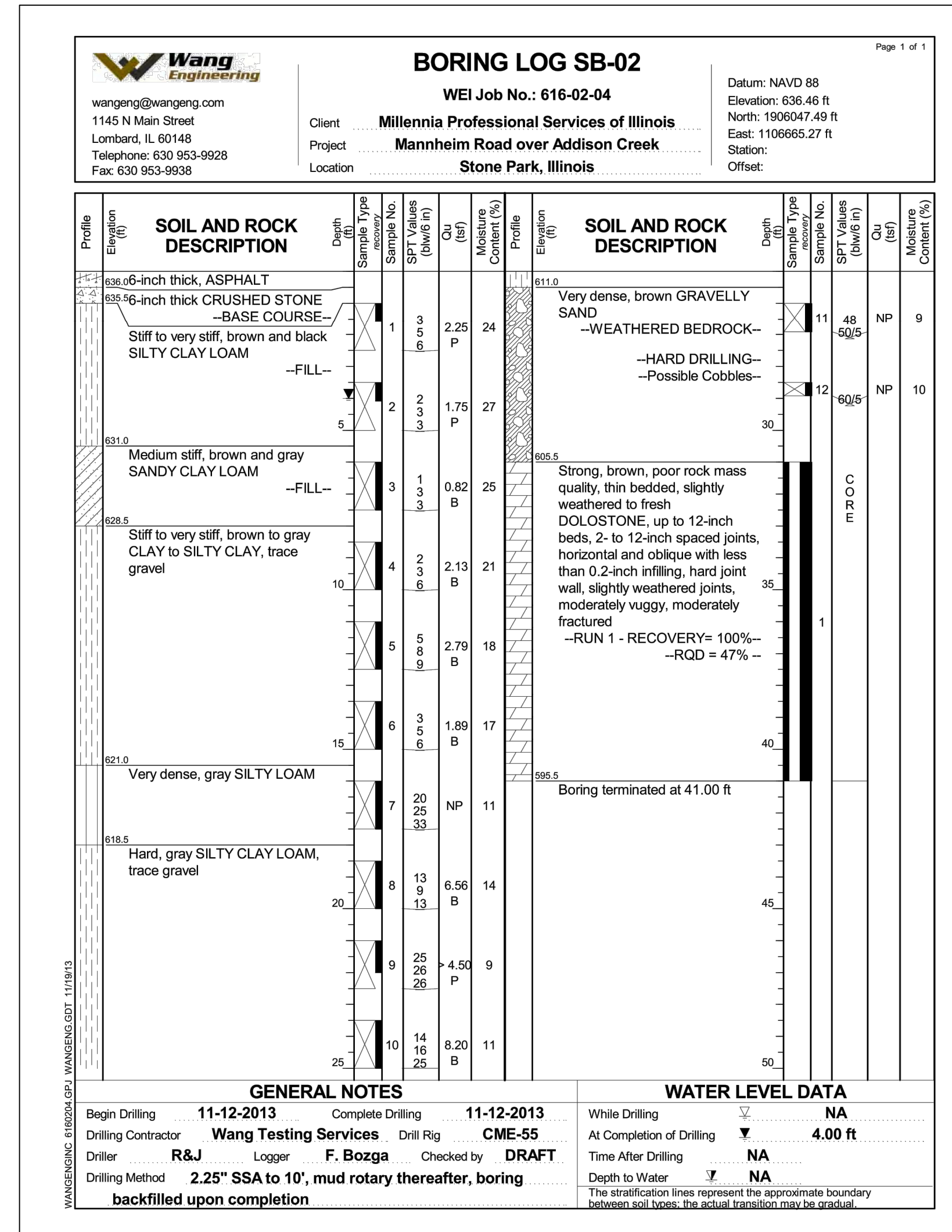
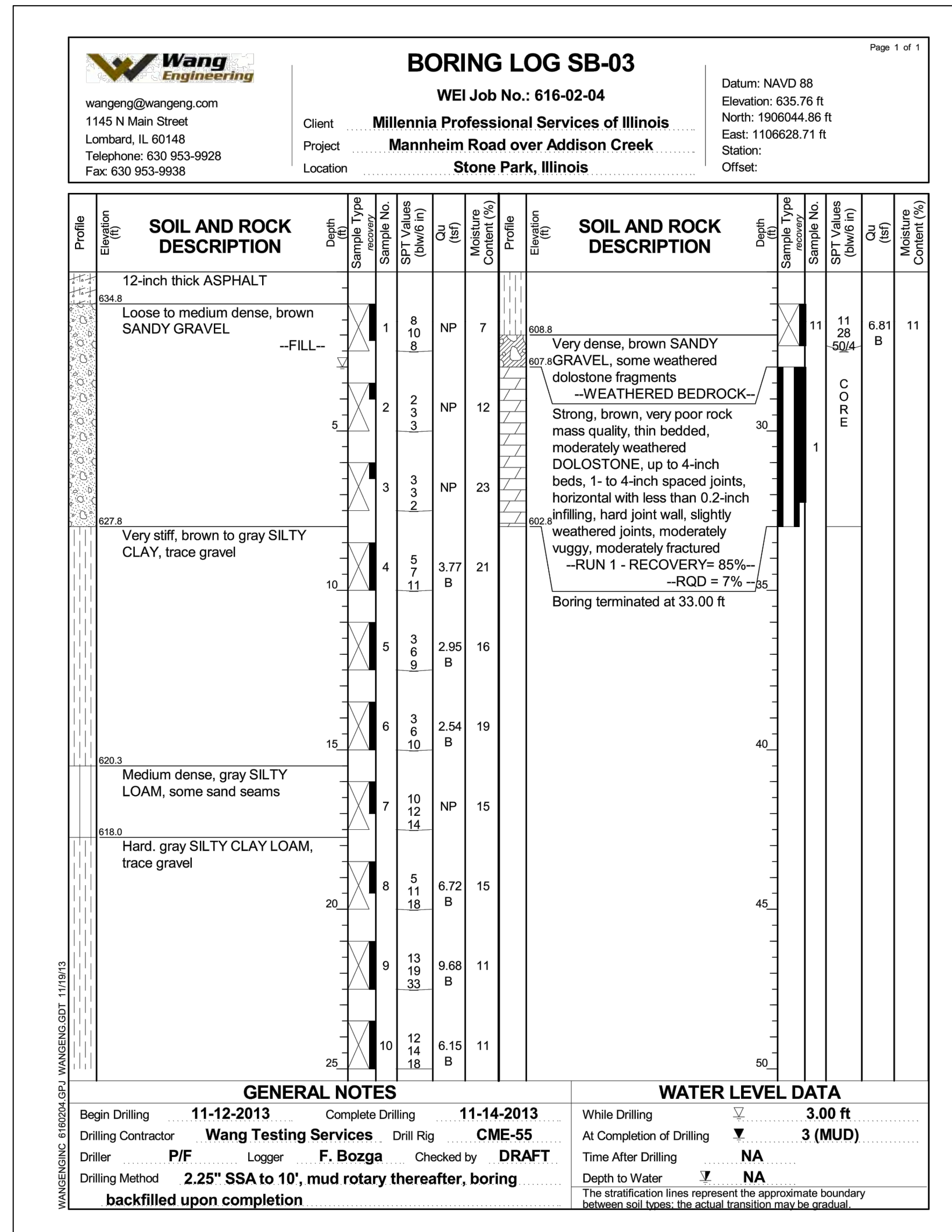
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LICENSE NO. 18406287

CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

SOIL BORING LOGS - REACH 1





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 OF GREATER CHICAGO

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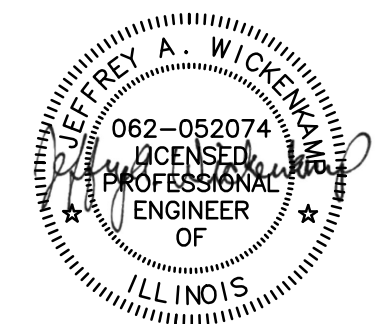
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 CHICAGO@HEYANDASSOCIATES.COM
 PROFESSIONAL DESIGNER, CIVIL
 LICENSE NO. 184042429

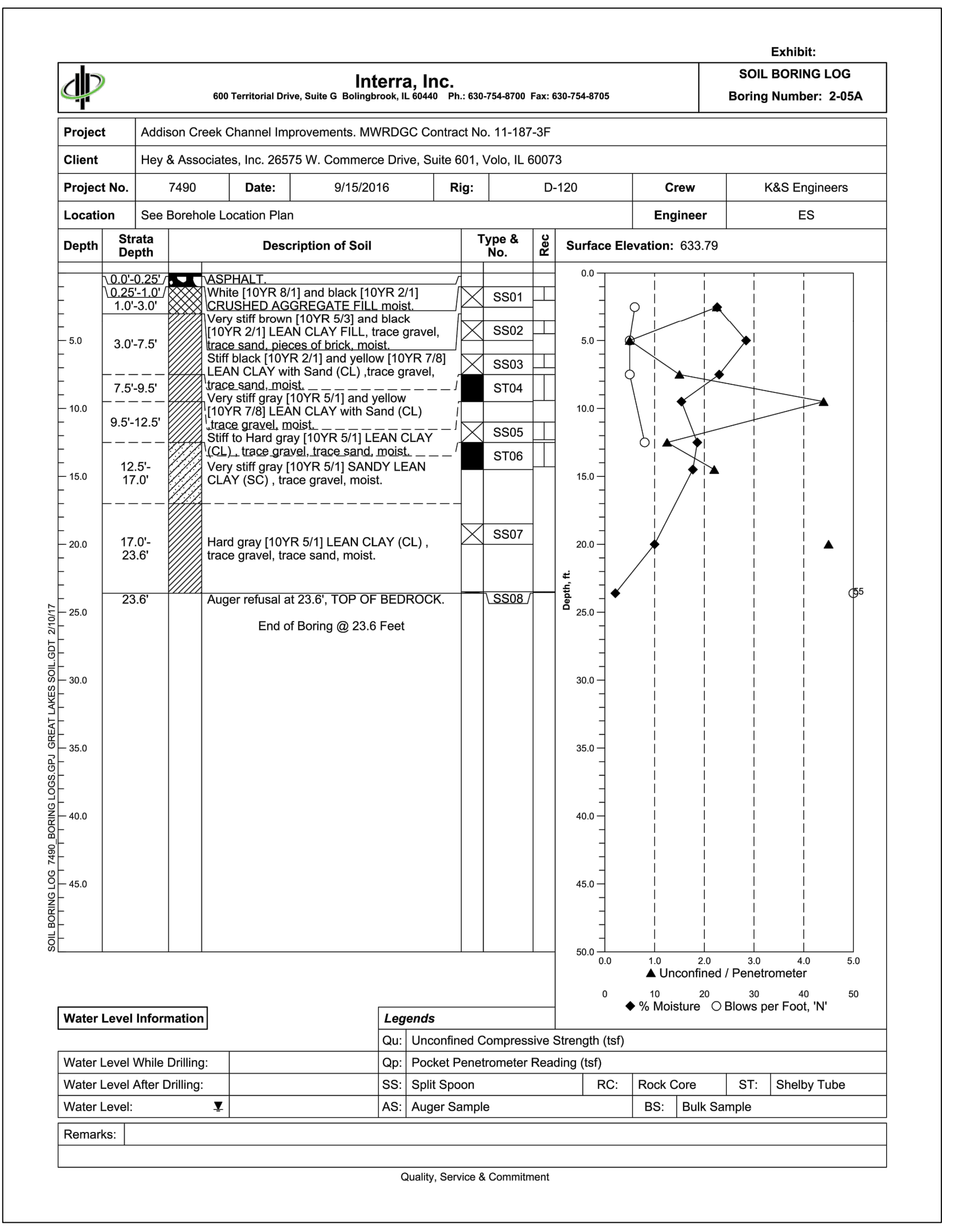
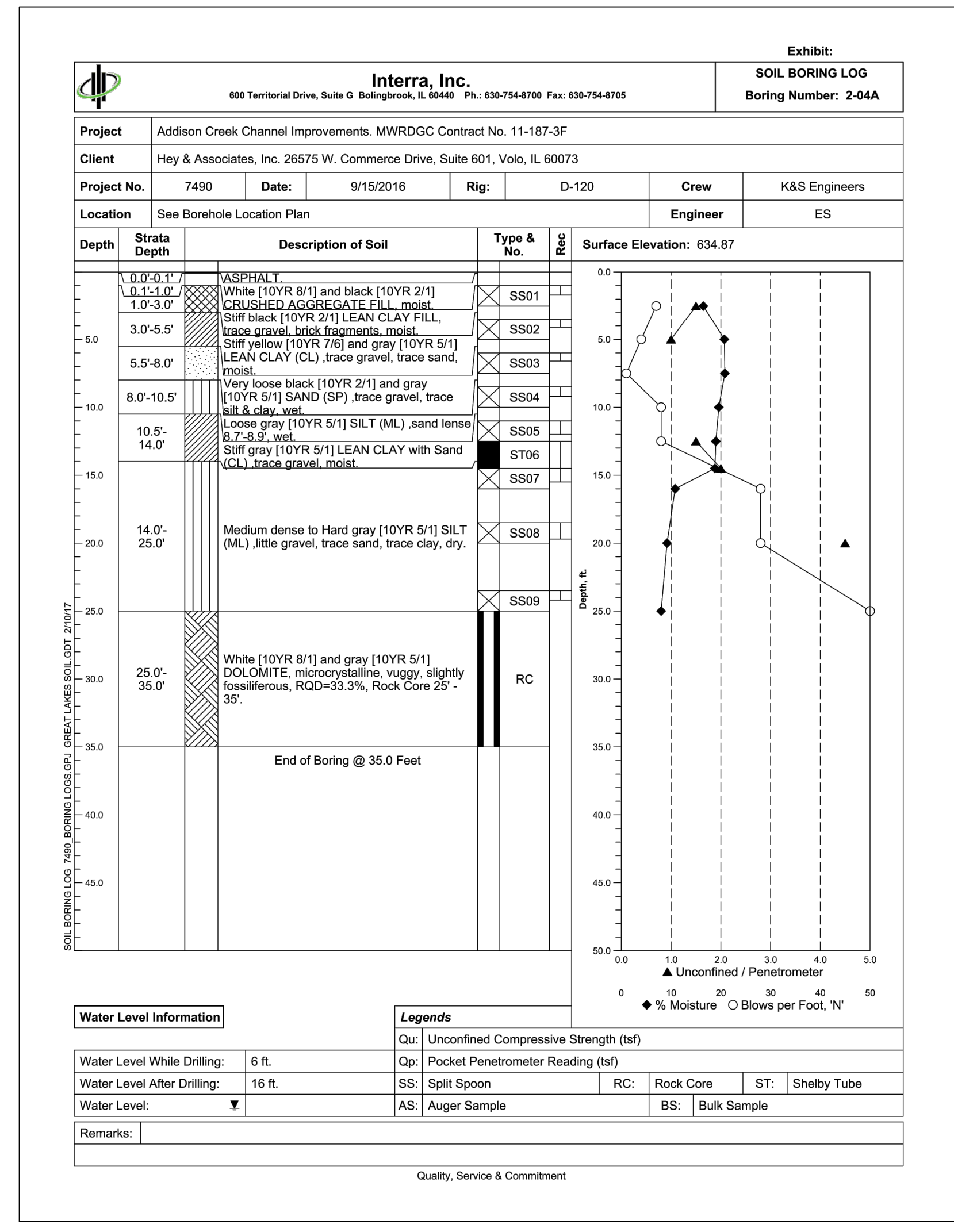
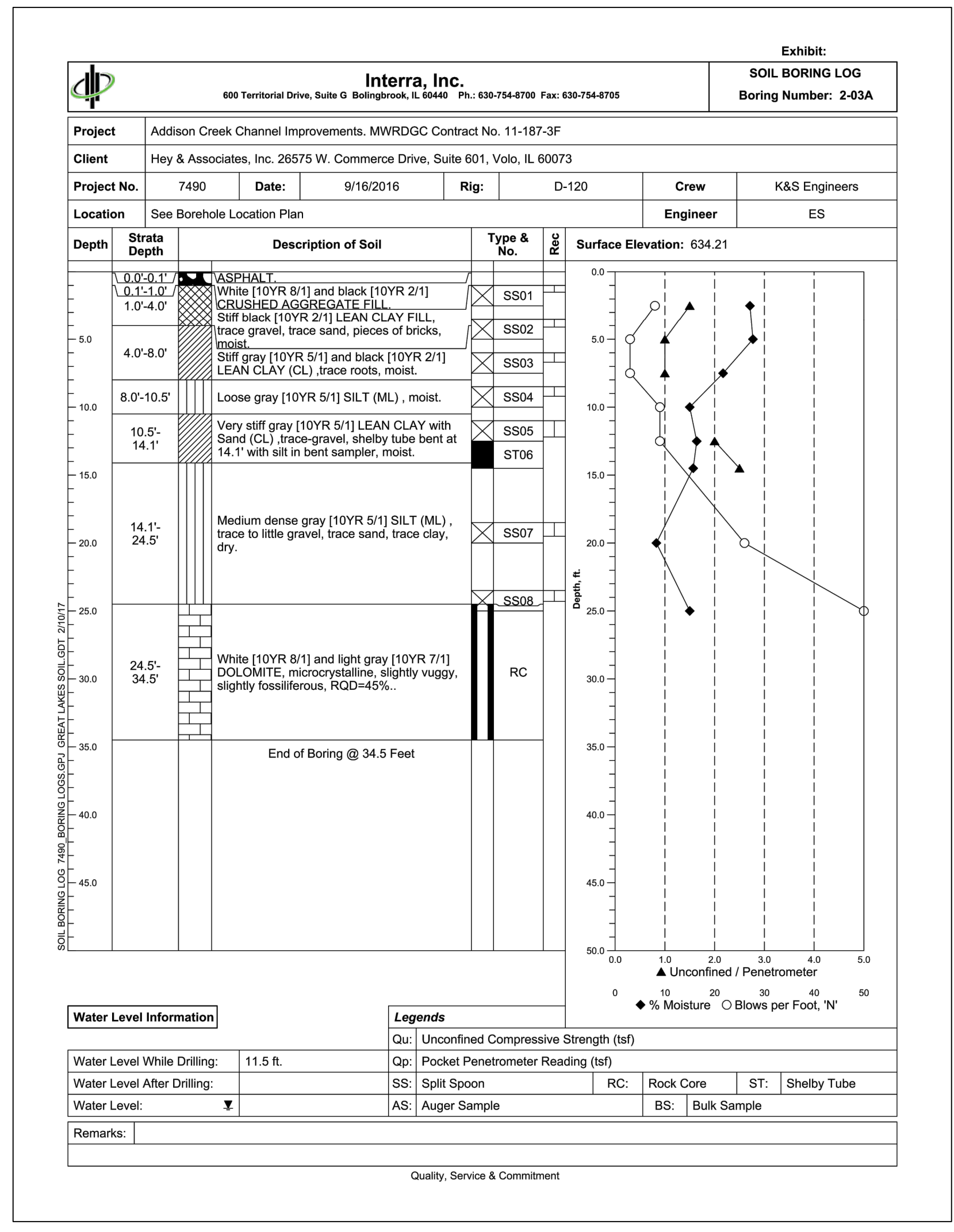
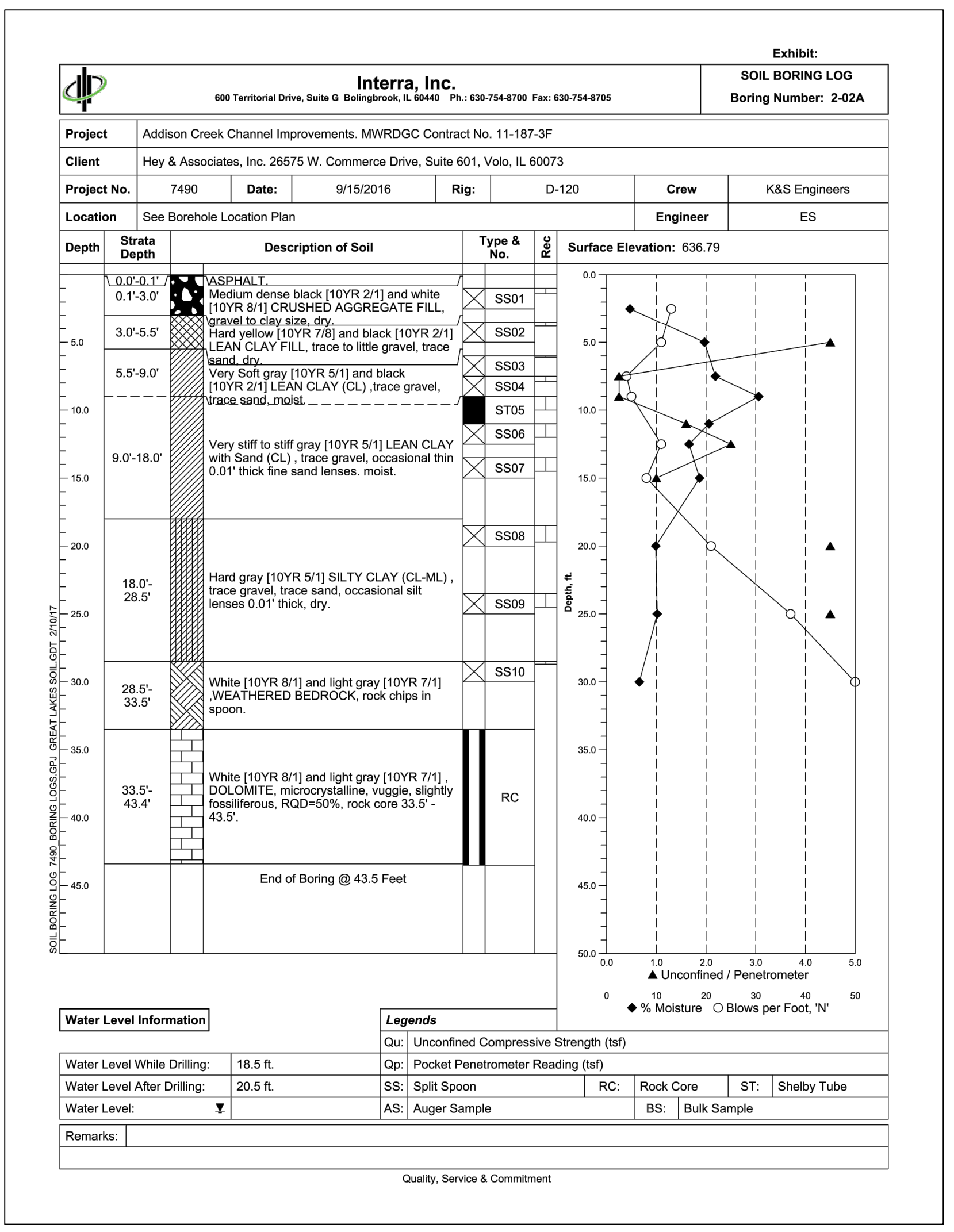
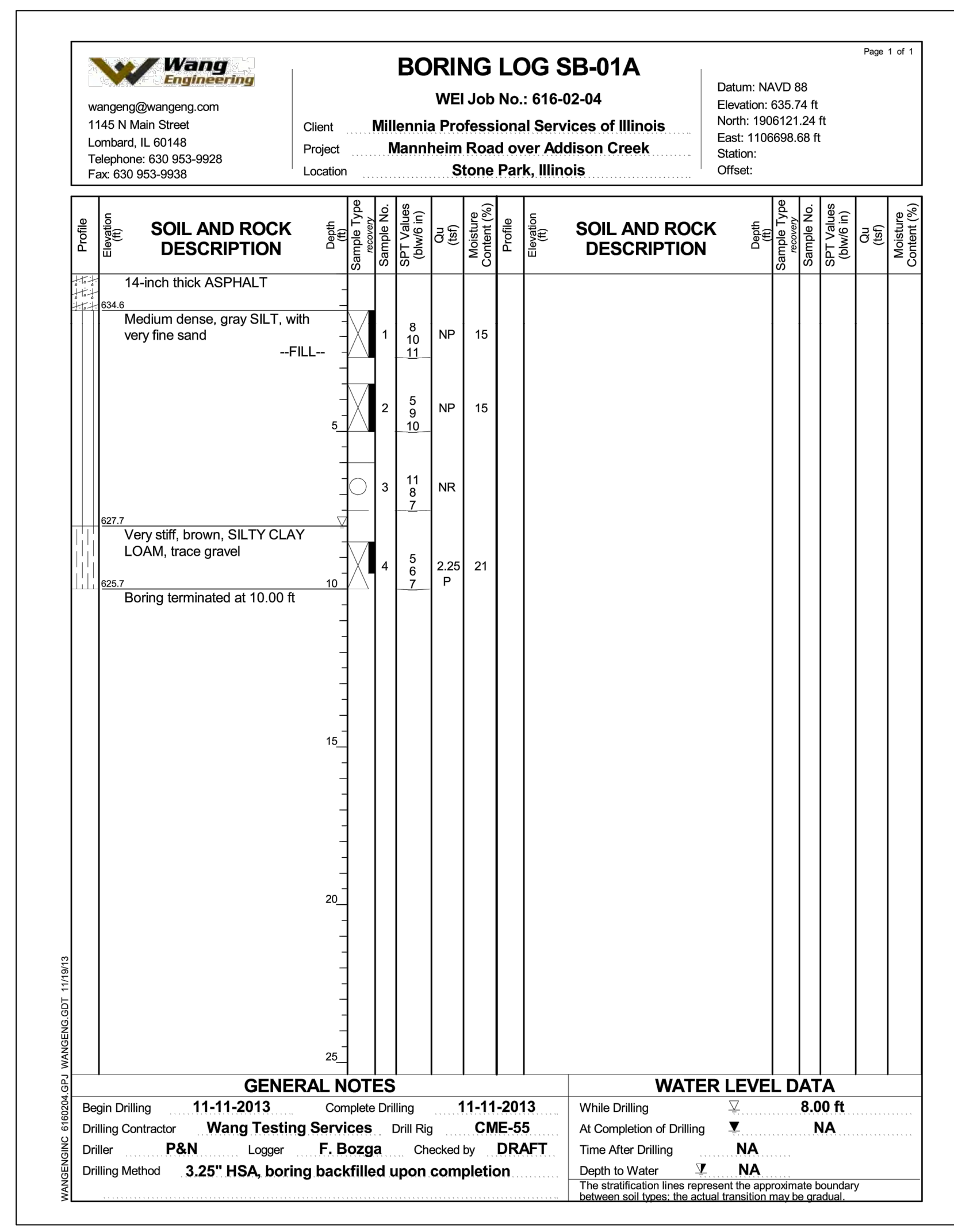
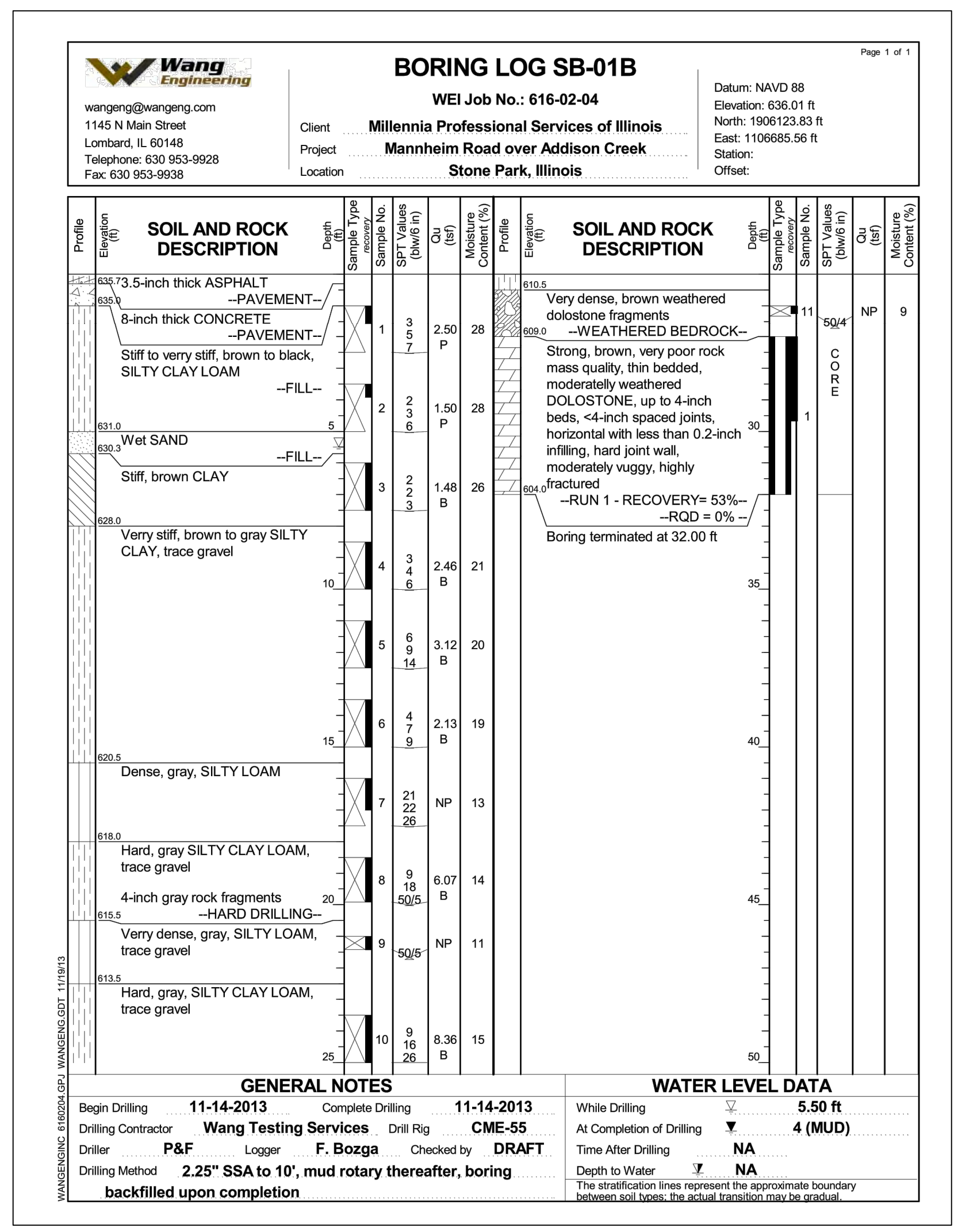
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

SOIL BORING LOGS - REACH 1

Sheet Number:
CB-104
 Page Number: 28



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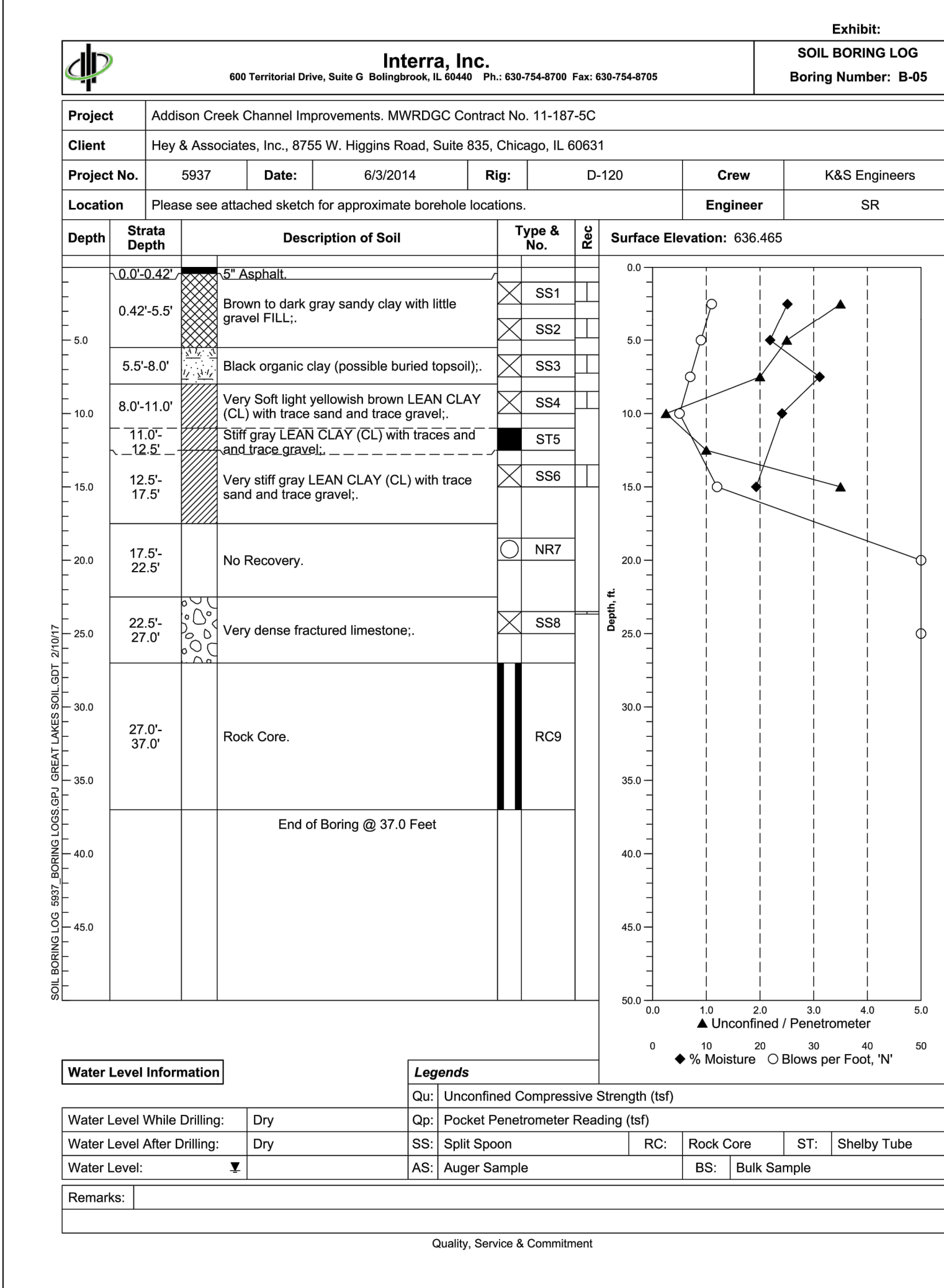
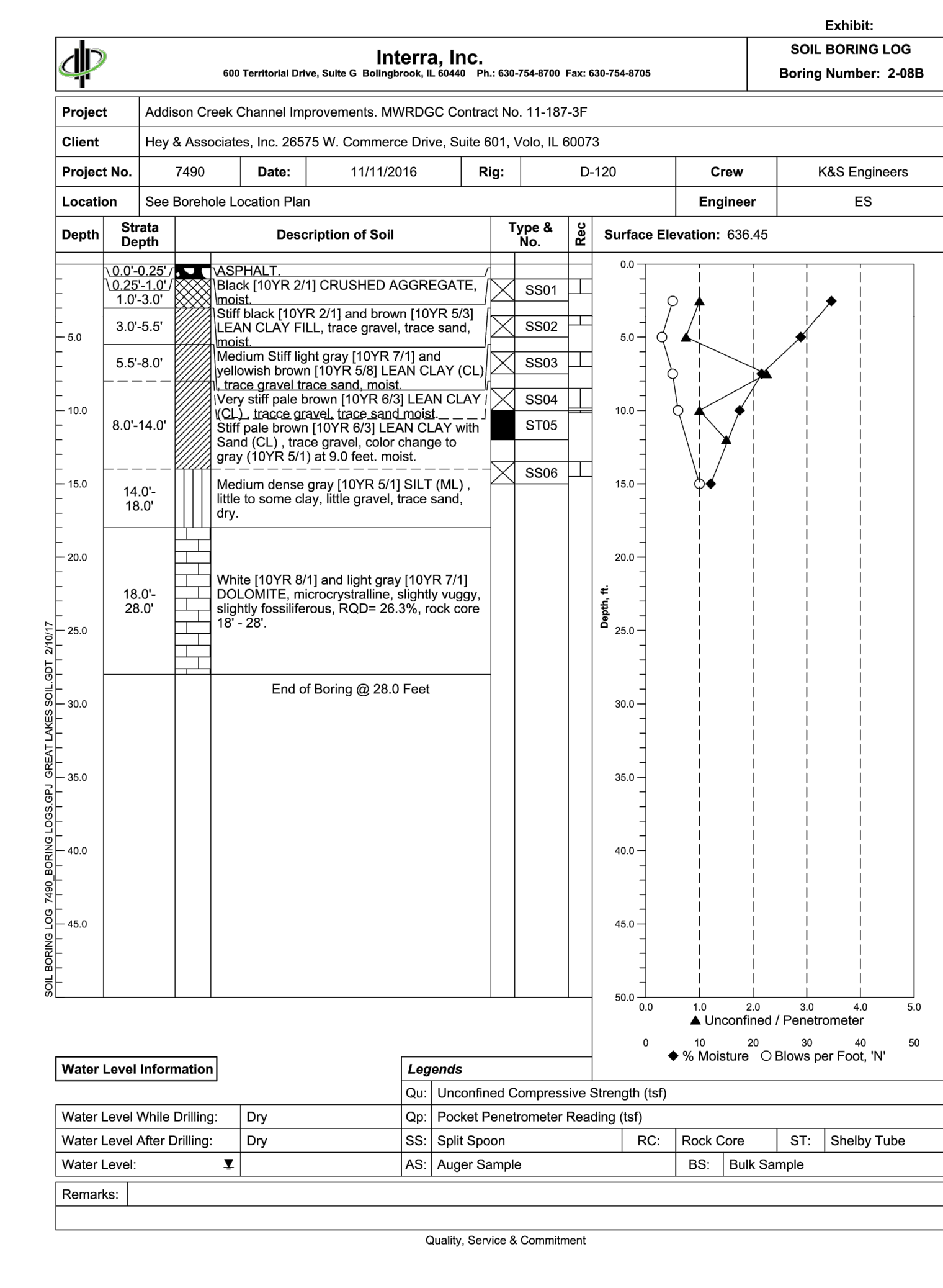
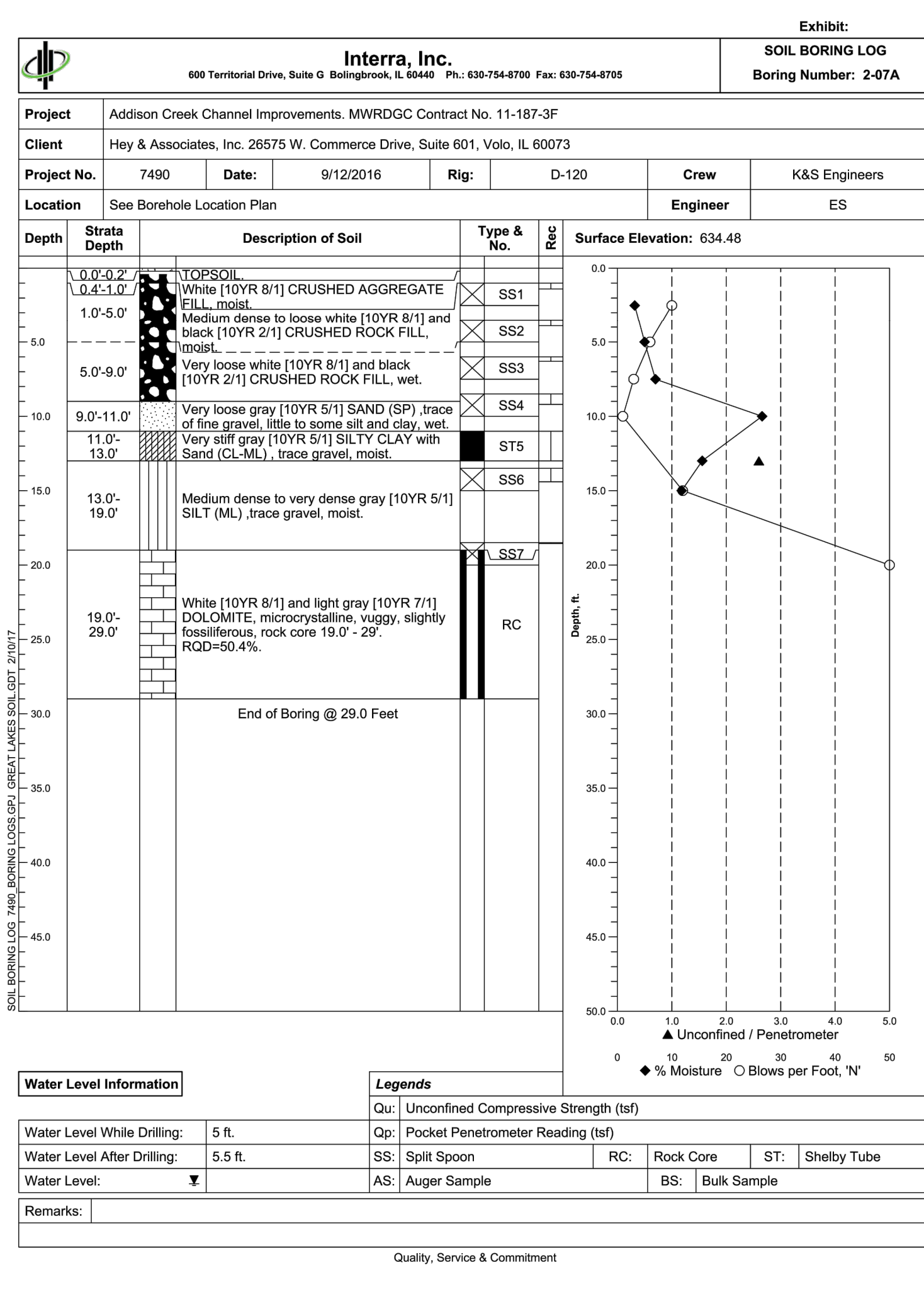
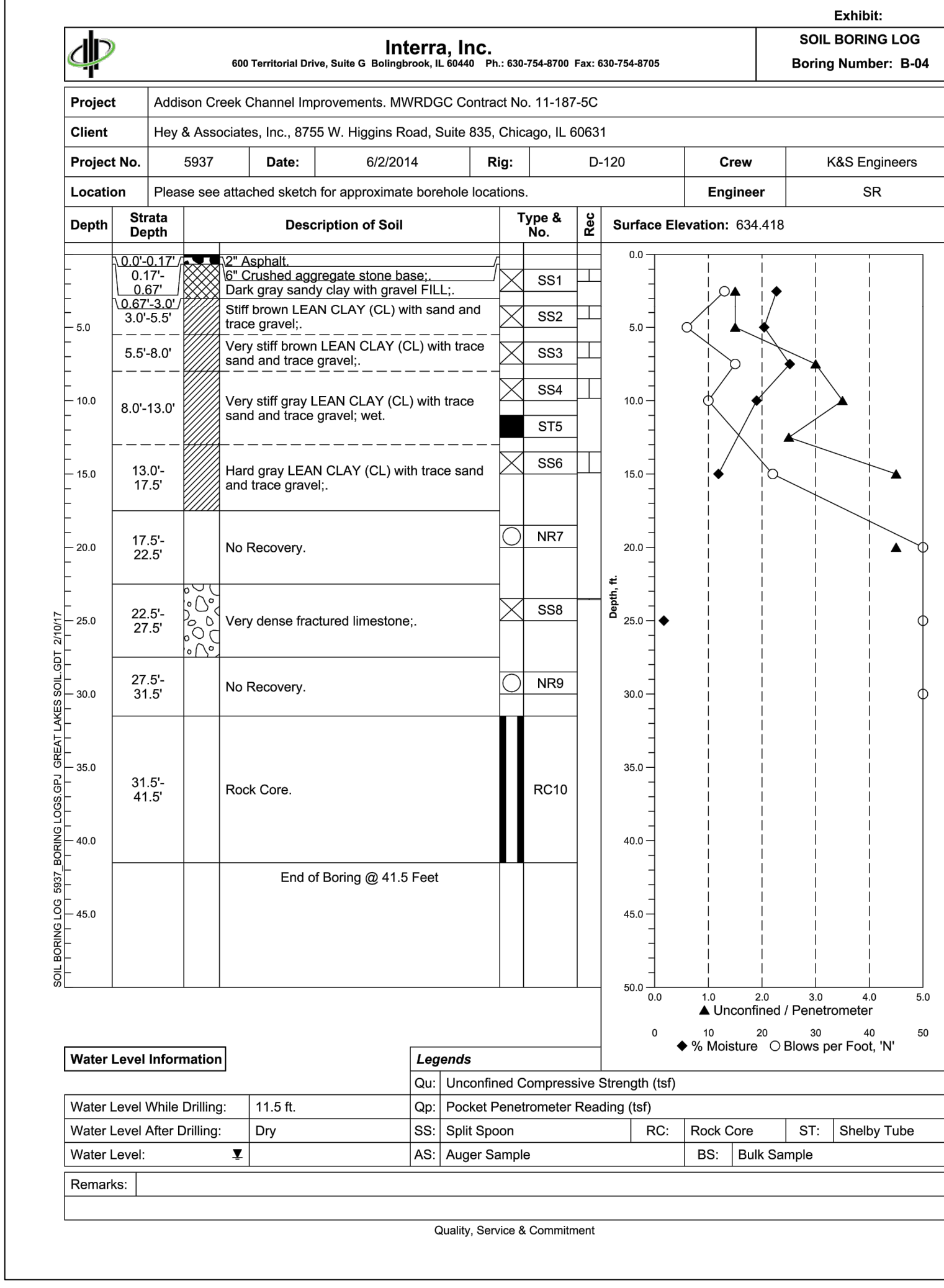
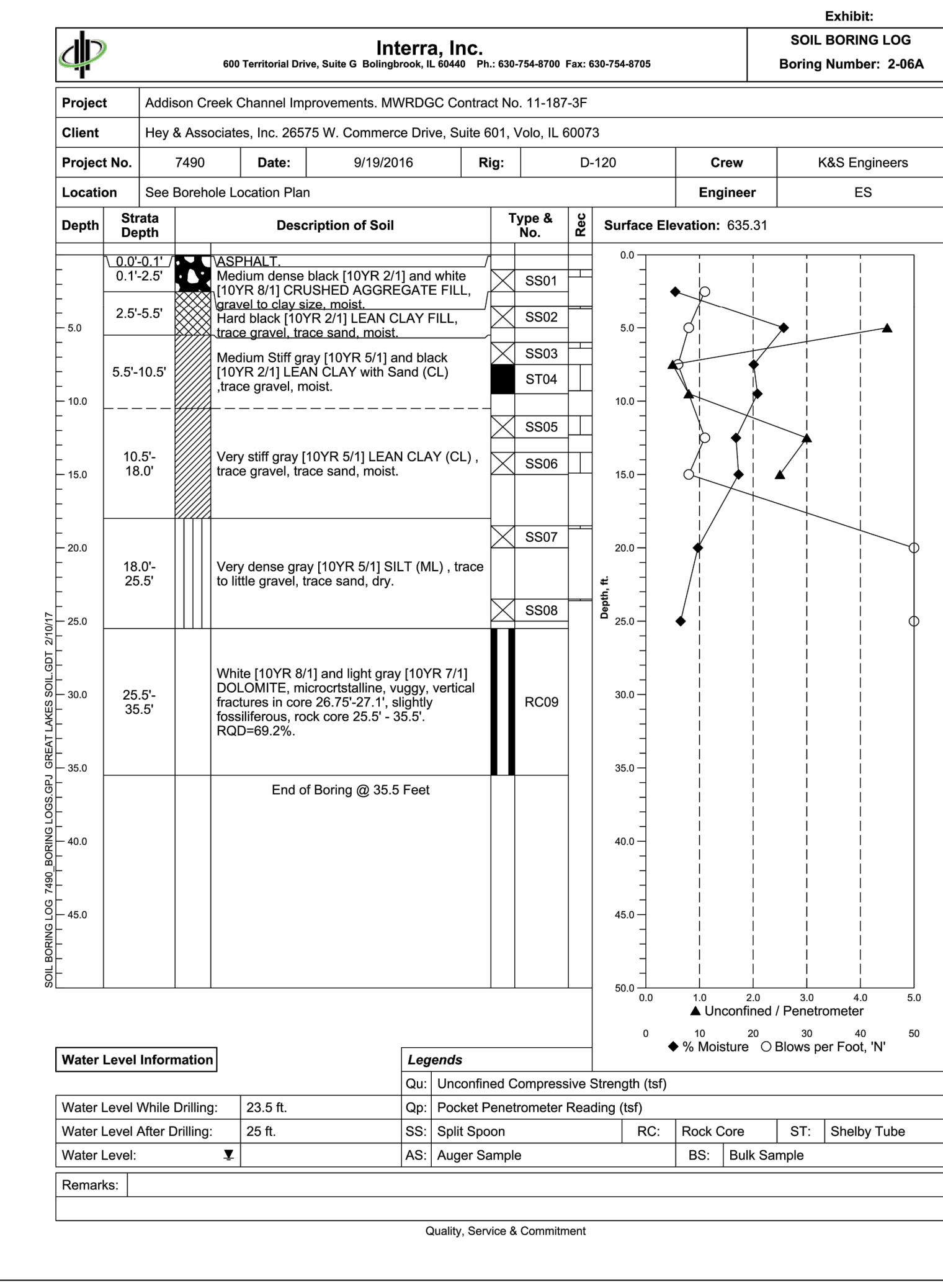
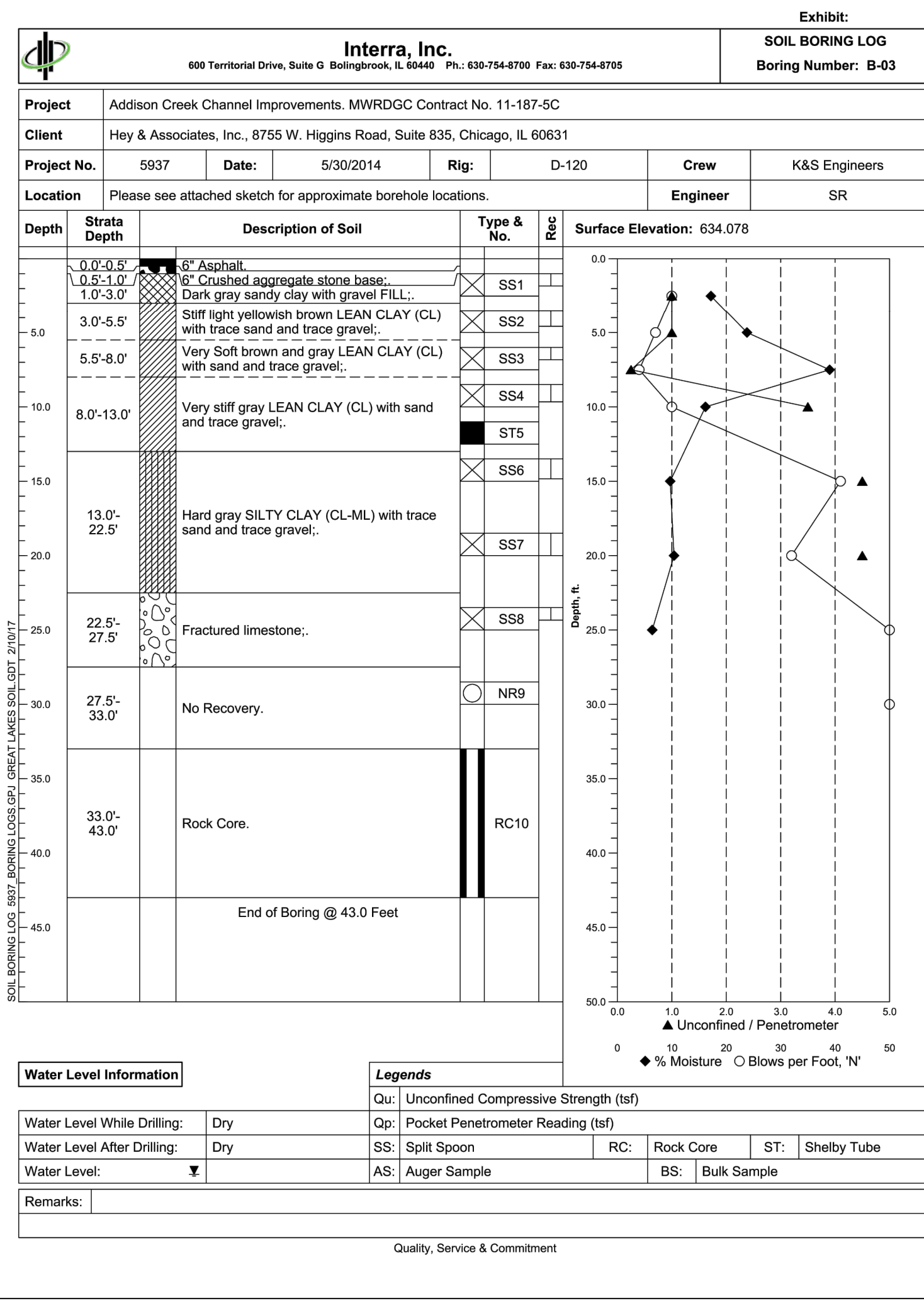
METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Contract: 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS
 SOIL BORING LOGS - REACH 2

Sheet Number: CB-105
 Page Number: 29

Designed by: PML
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 Reviewed by: JAW
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 Date: 2022

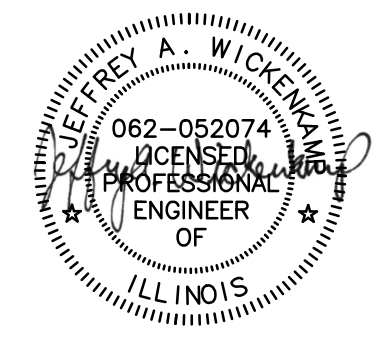
Hey and Associates, Inc.
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 CHICAGO (773) 699-9200
 CHICAGO@HEYANDASSOCIATES.COM
 PROFESSIONAL DESIGNER, PDBU
 LICENSE NO. 18406287

**CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS**

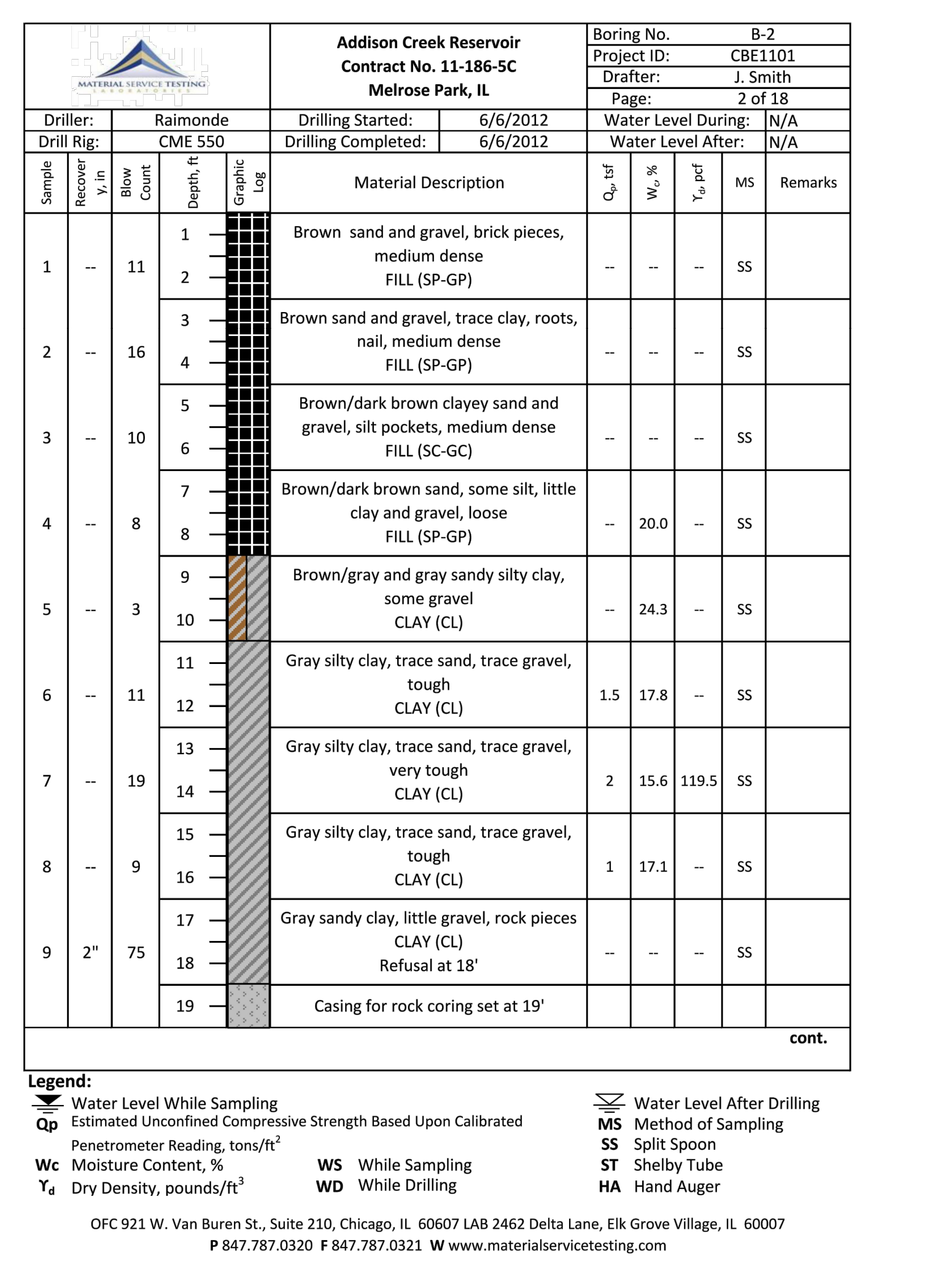
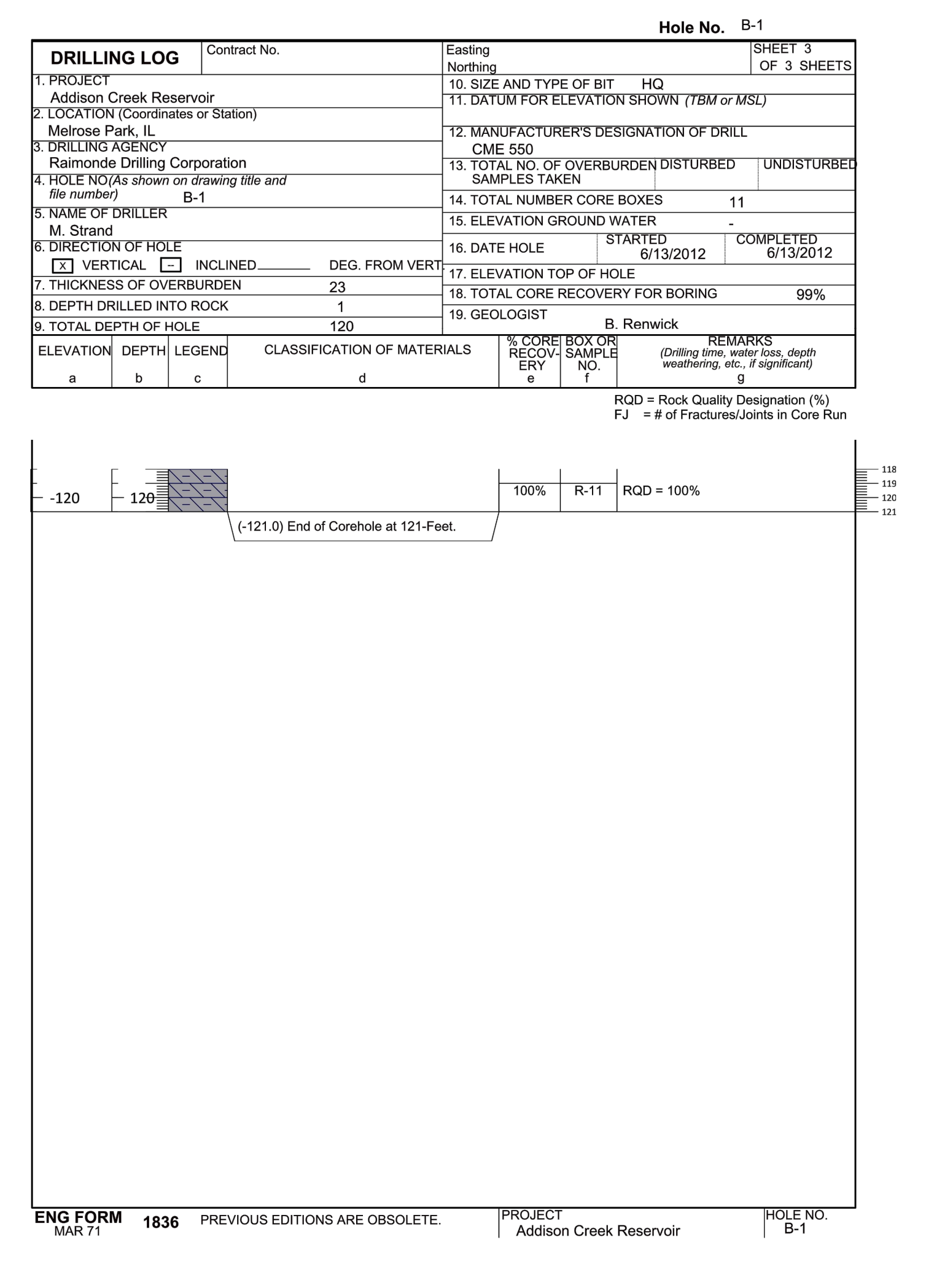
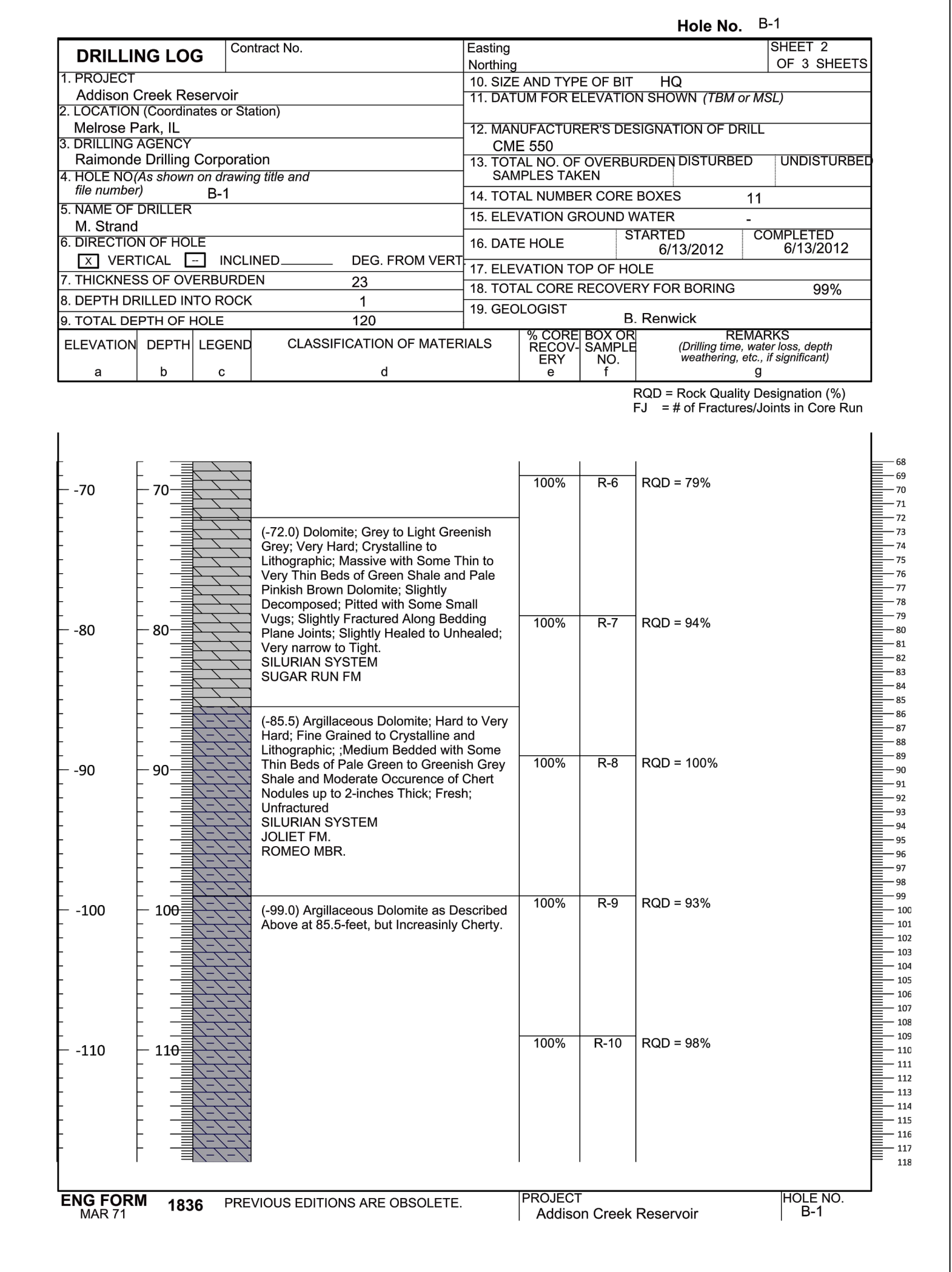
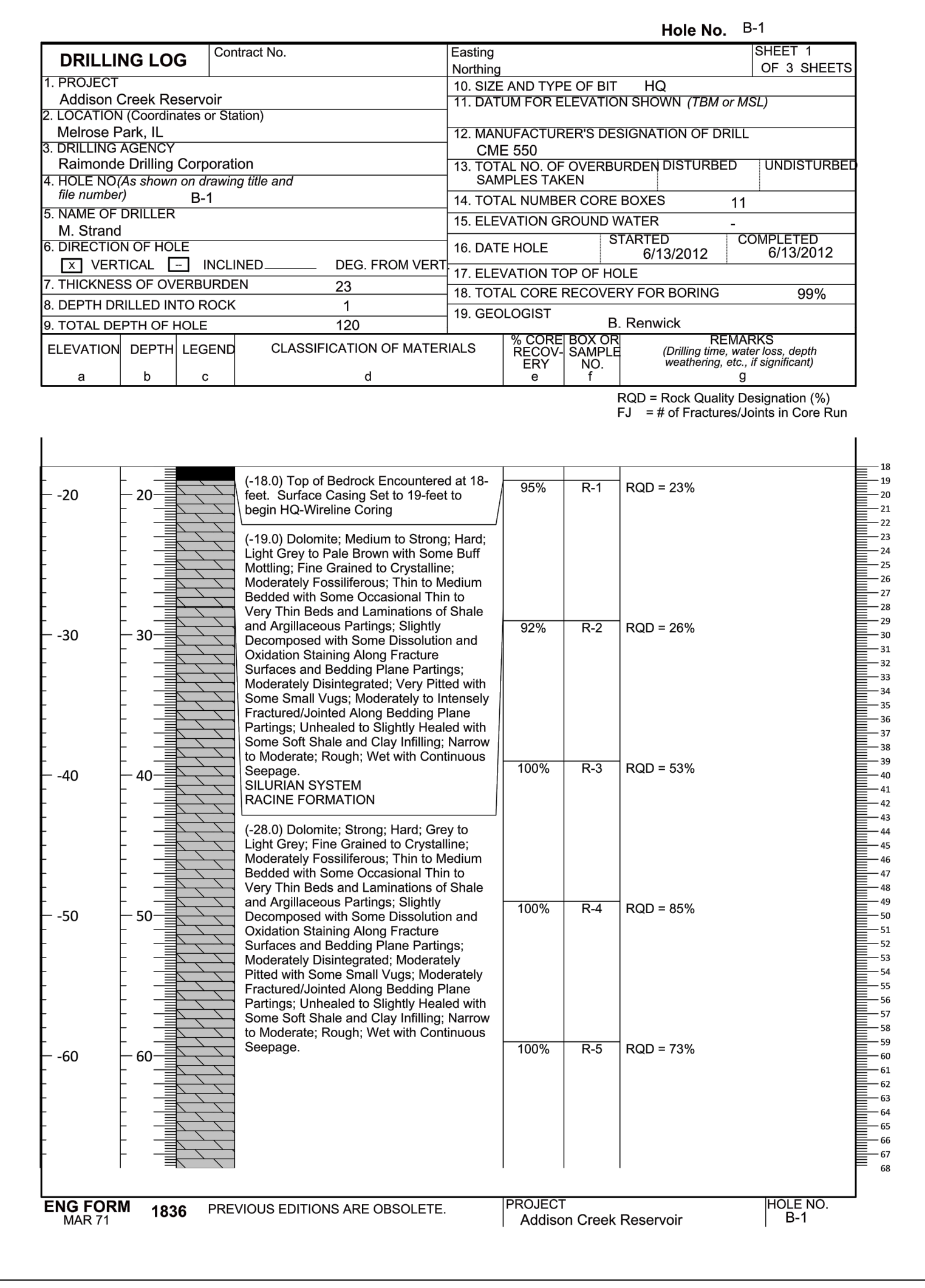
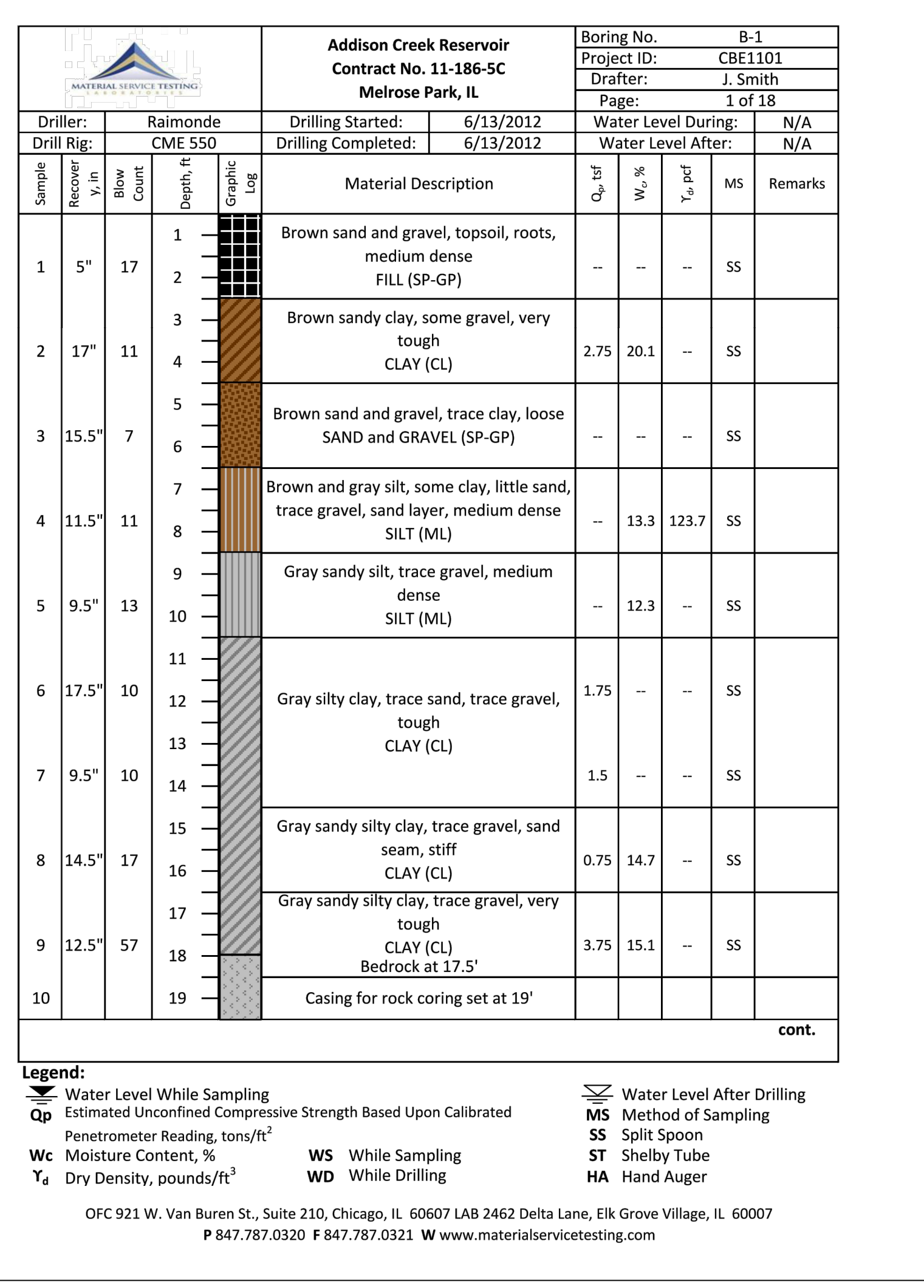
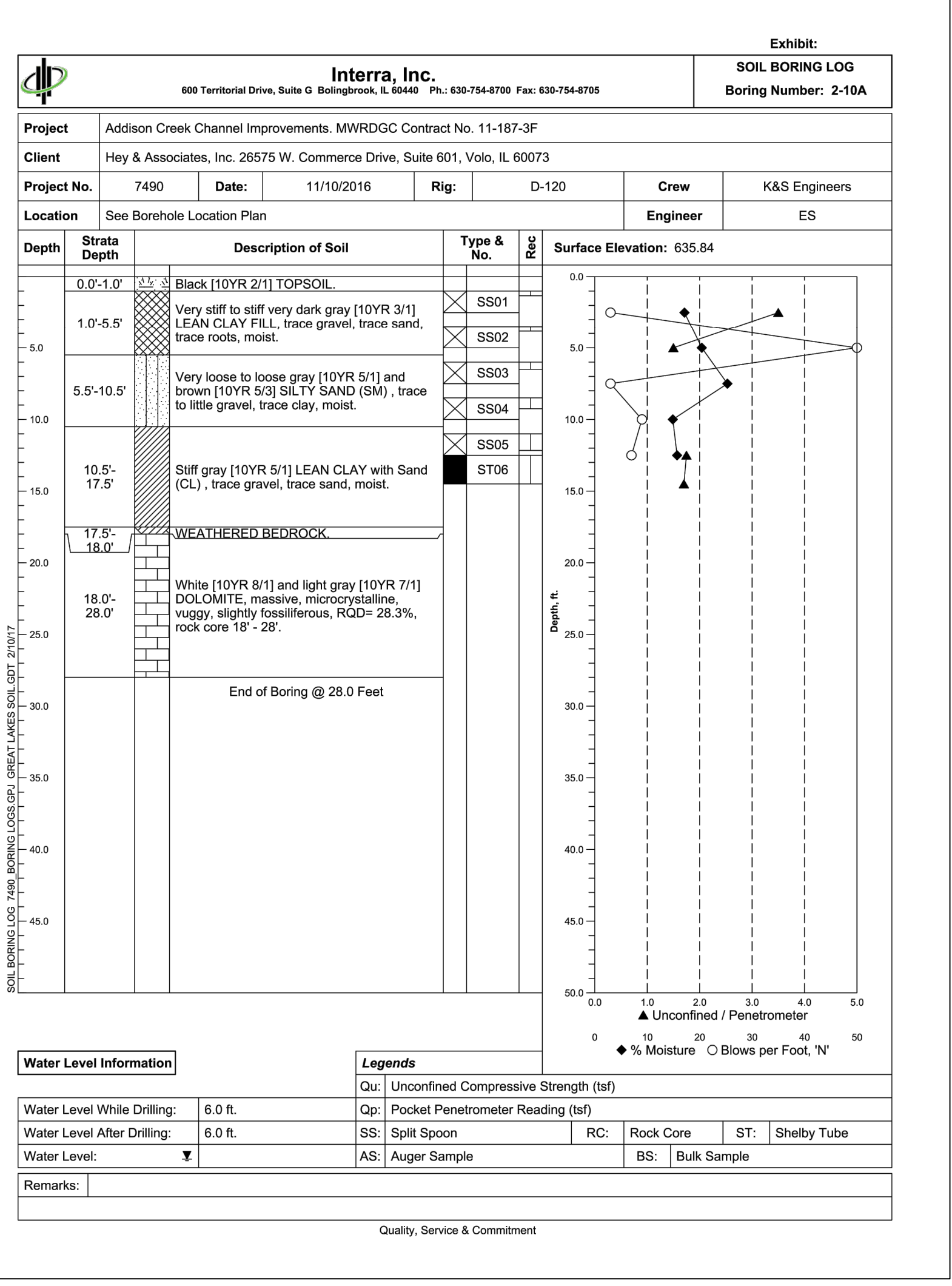
SOIL BORING LOGS - REACH 2

Sheet Number:
CB-106

Page Number: **30**



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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

SOIL BORING LOGS - REACH 3

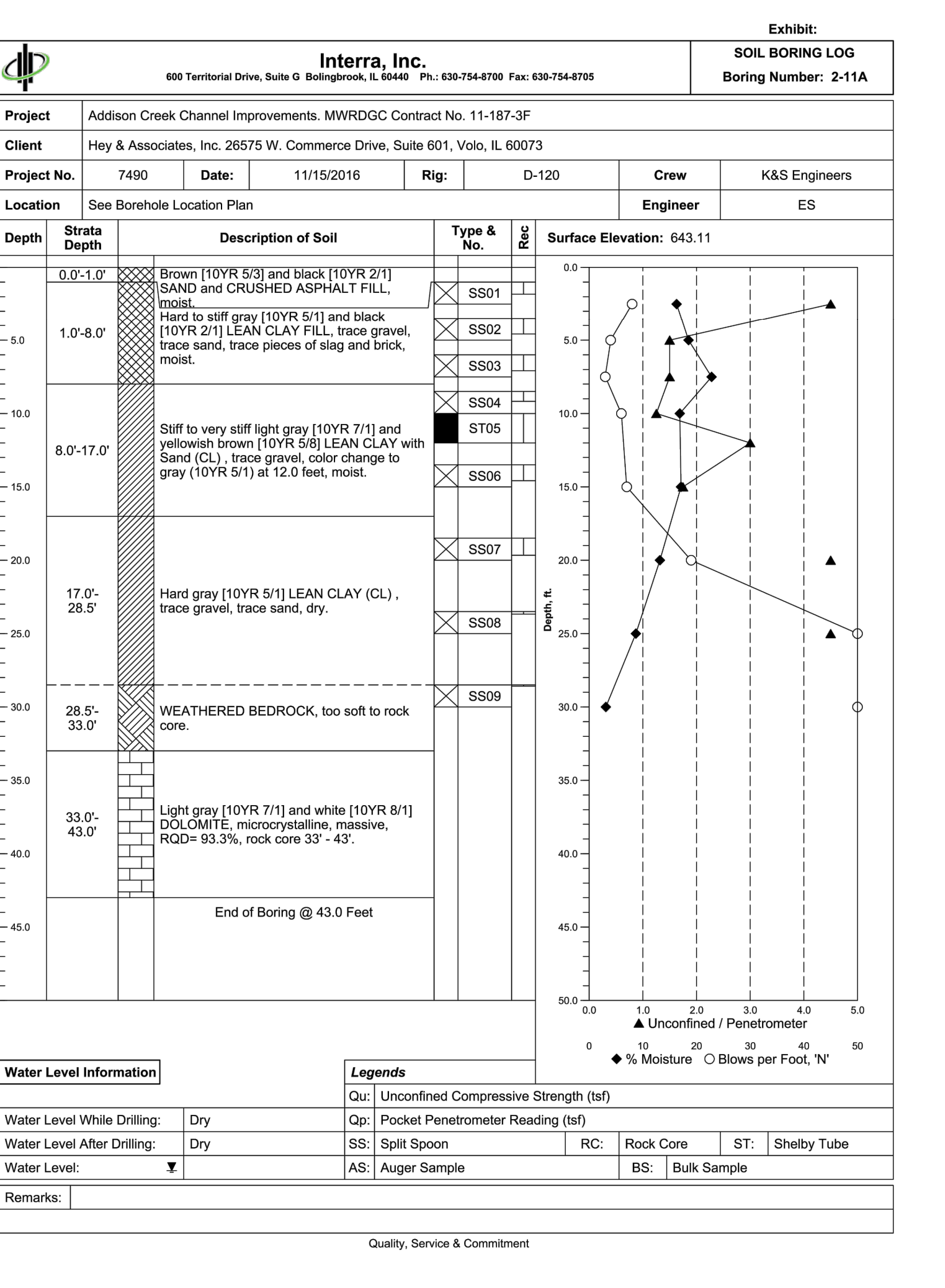
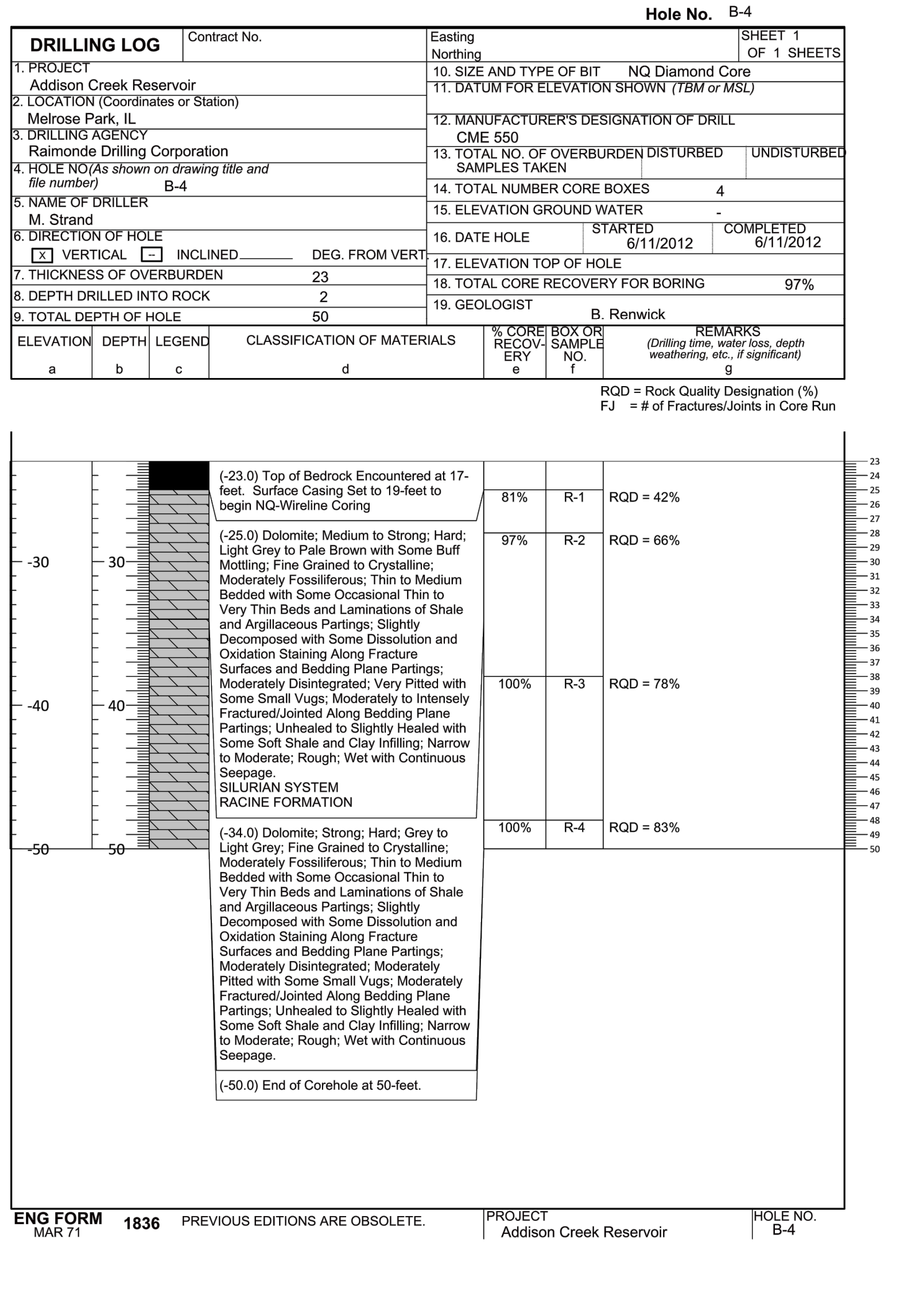
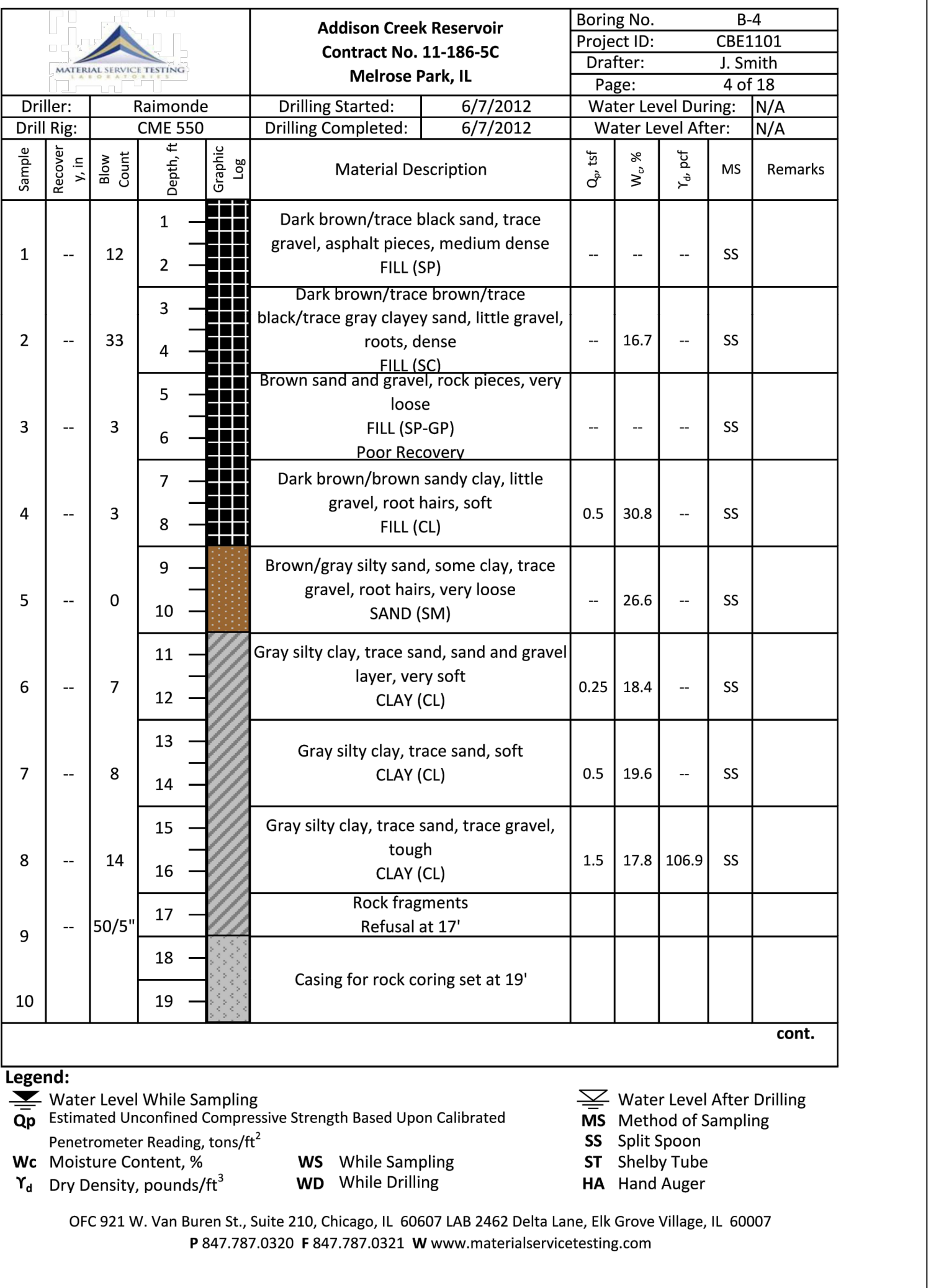
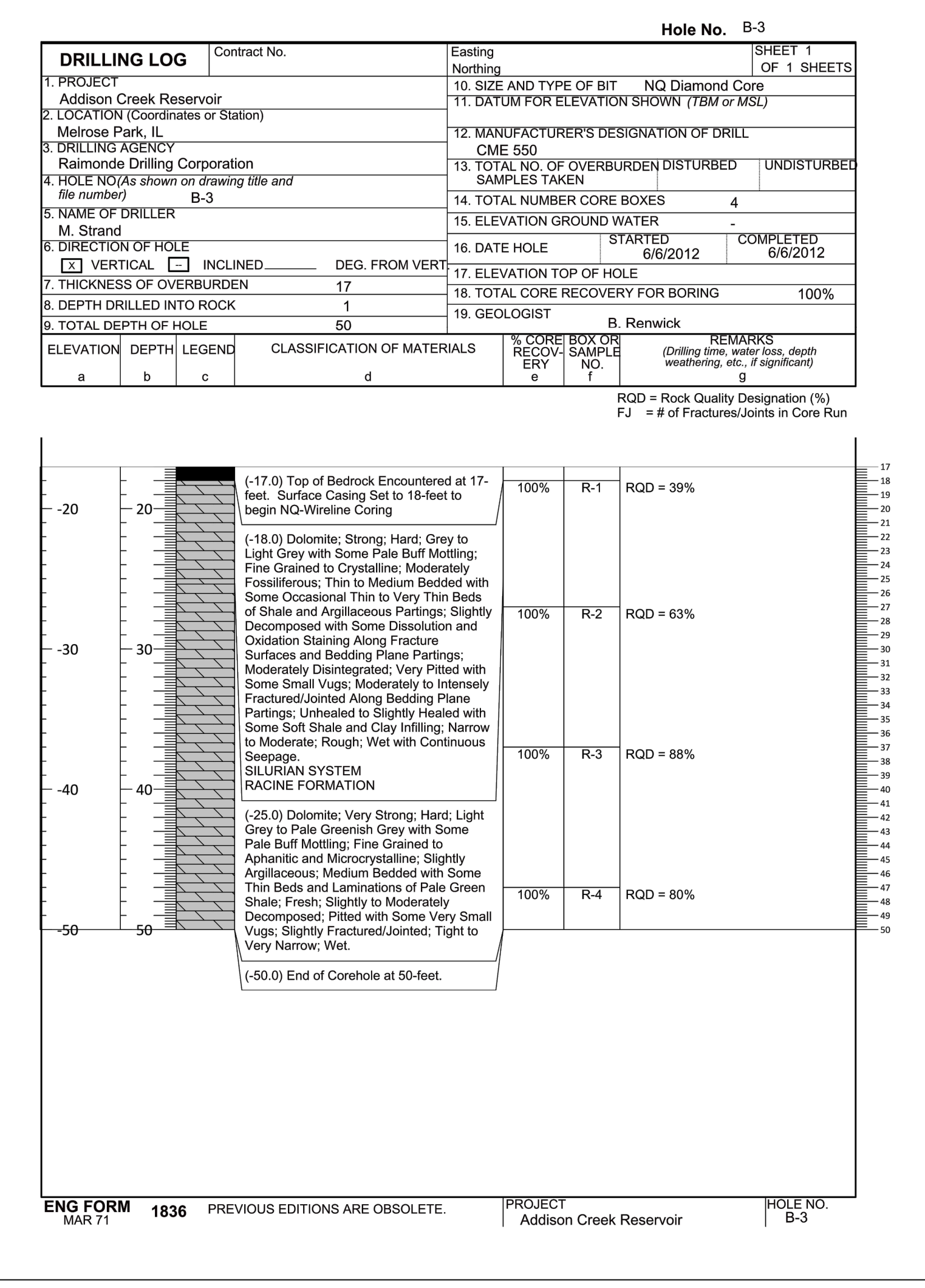
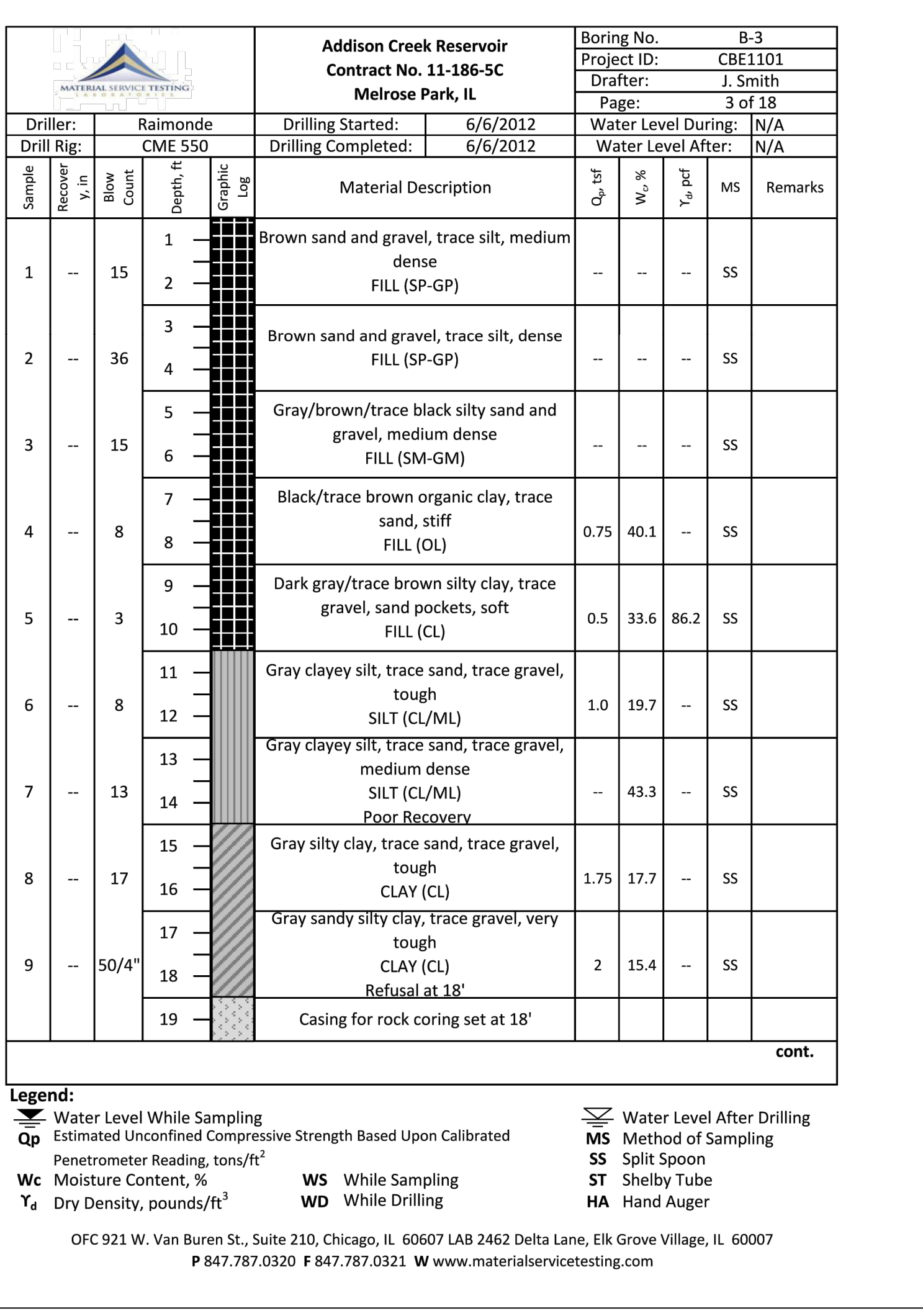
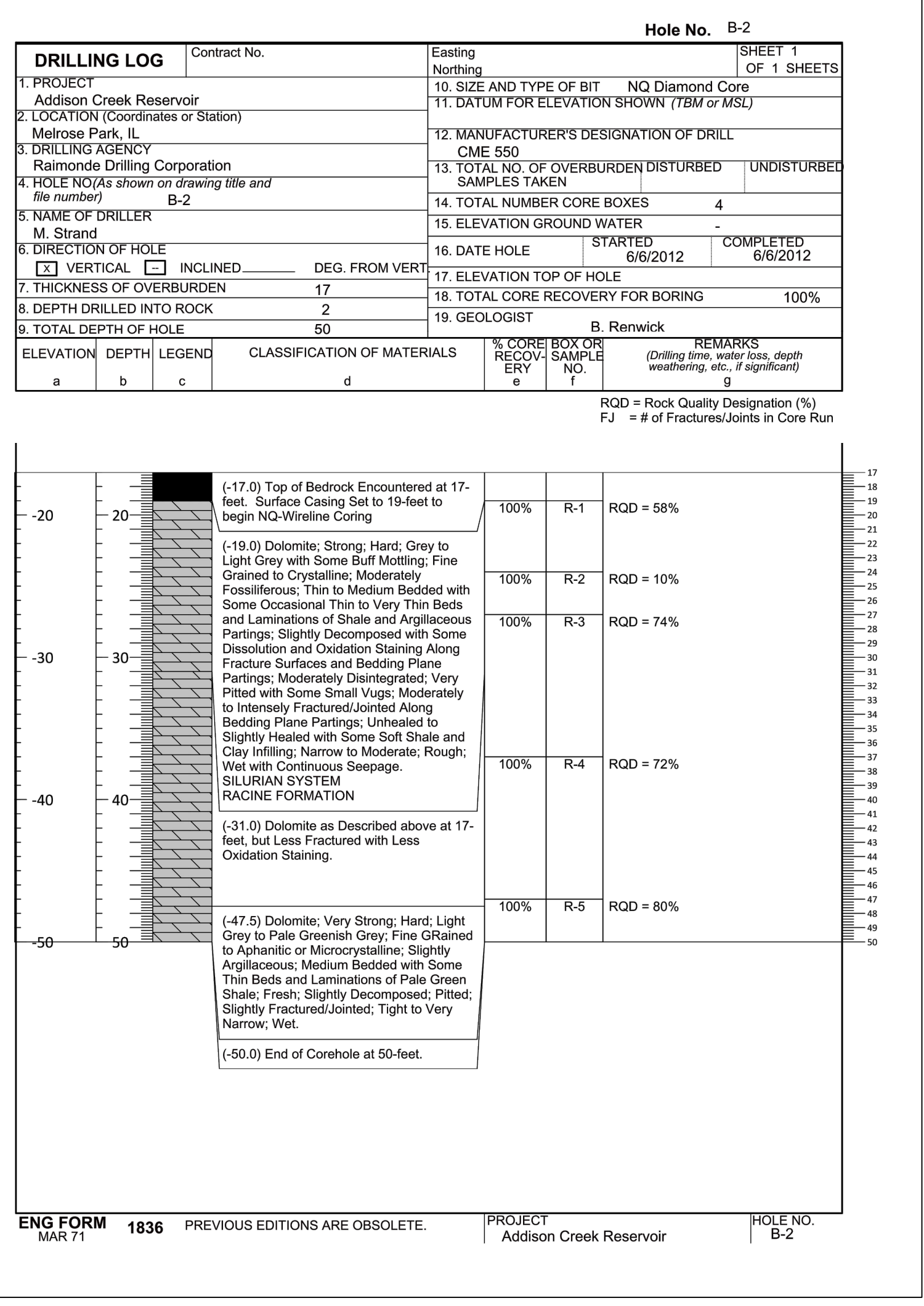
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 Drawn by: KSS
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Sheet Number: CB-107
 Page Number: 31

Professional Engineer
 License No. 062-052074
 A. WICKENHAUSE

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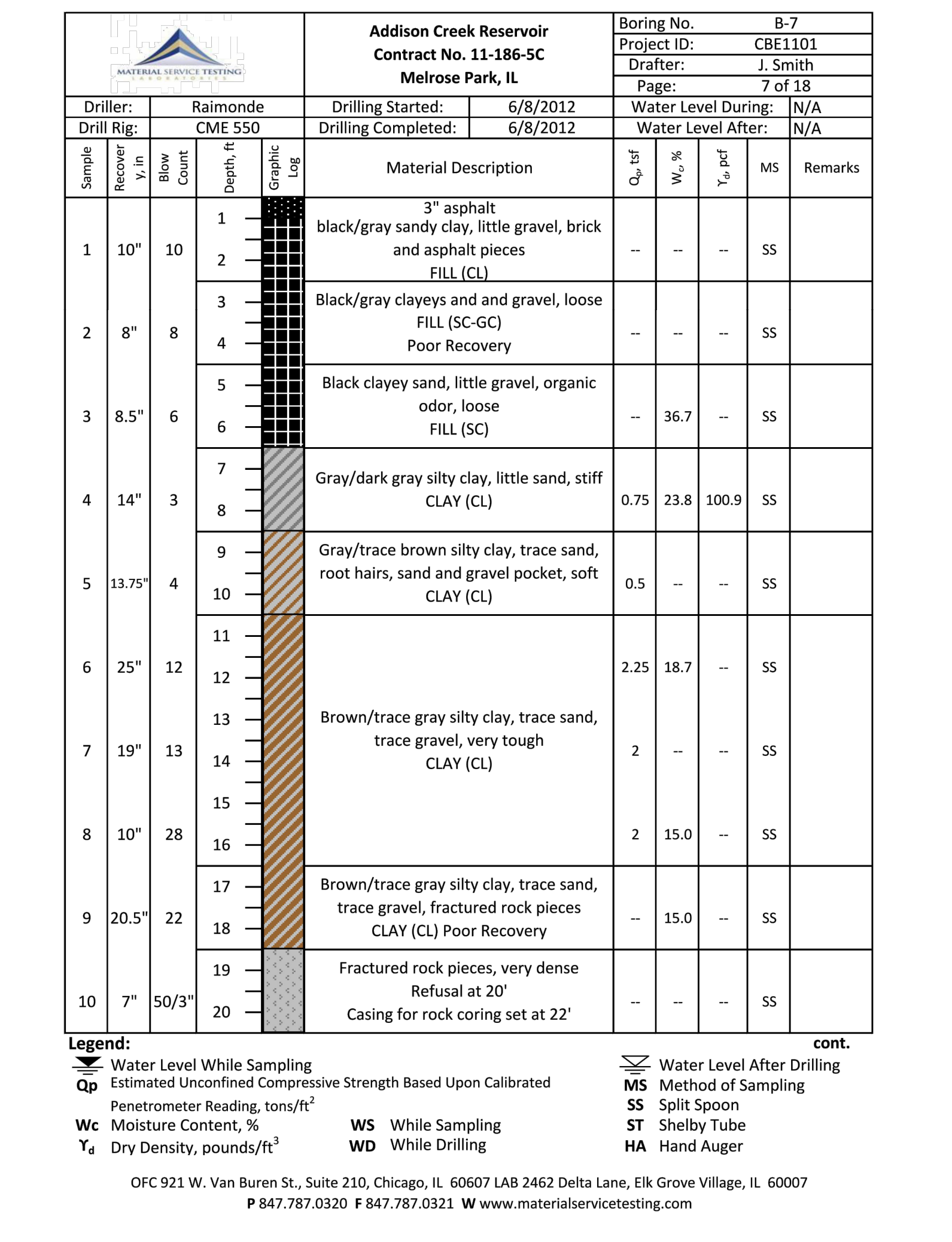
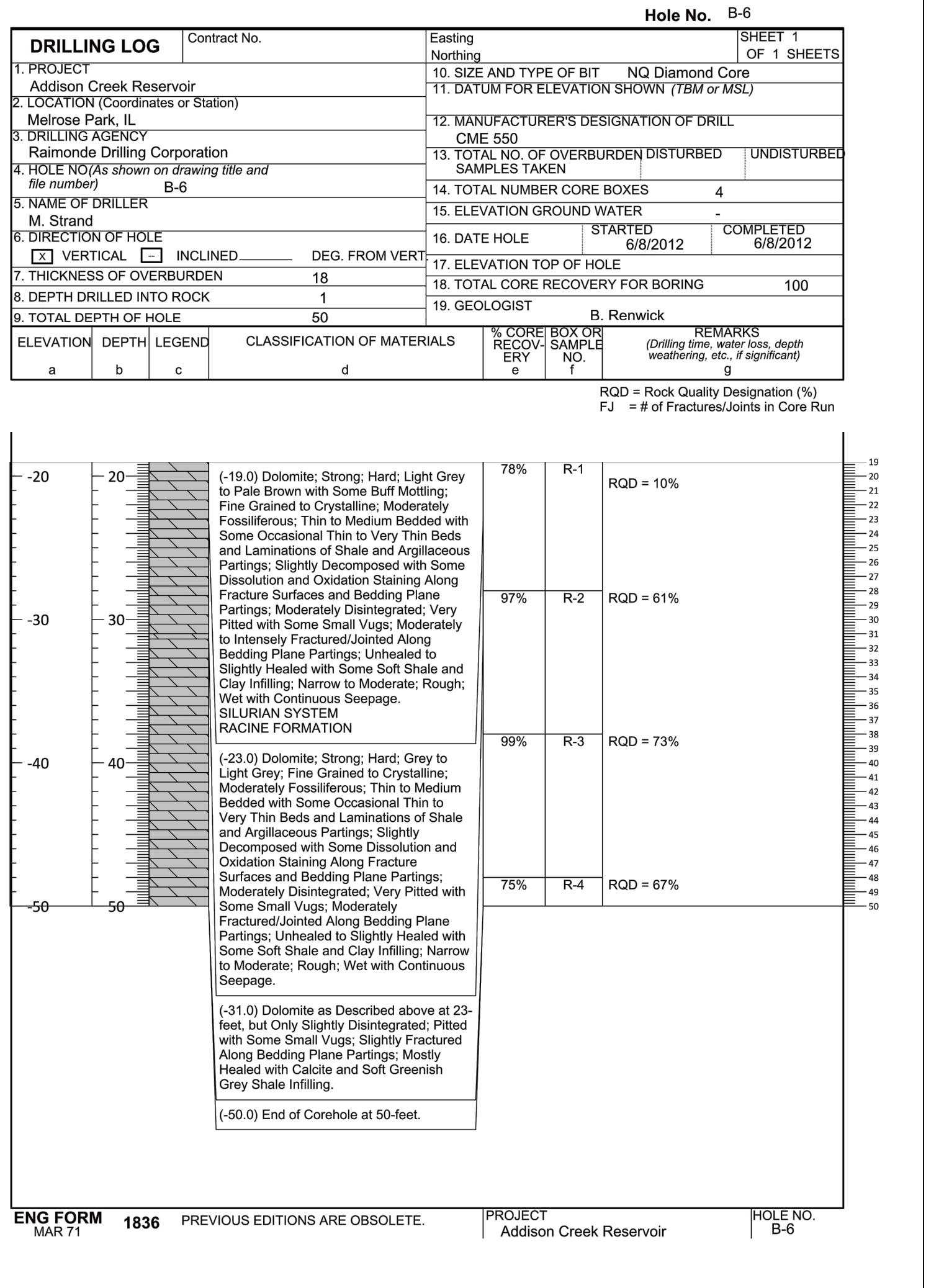
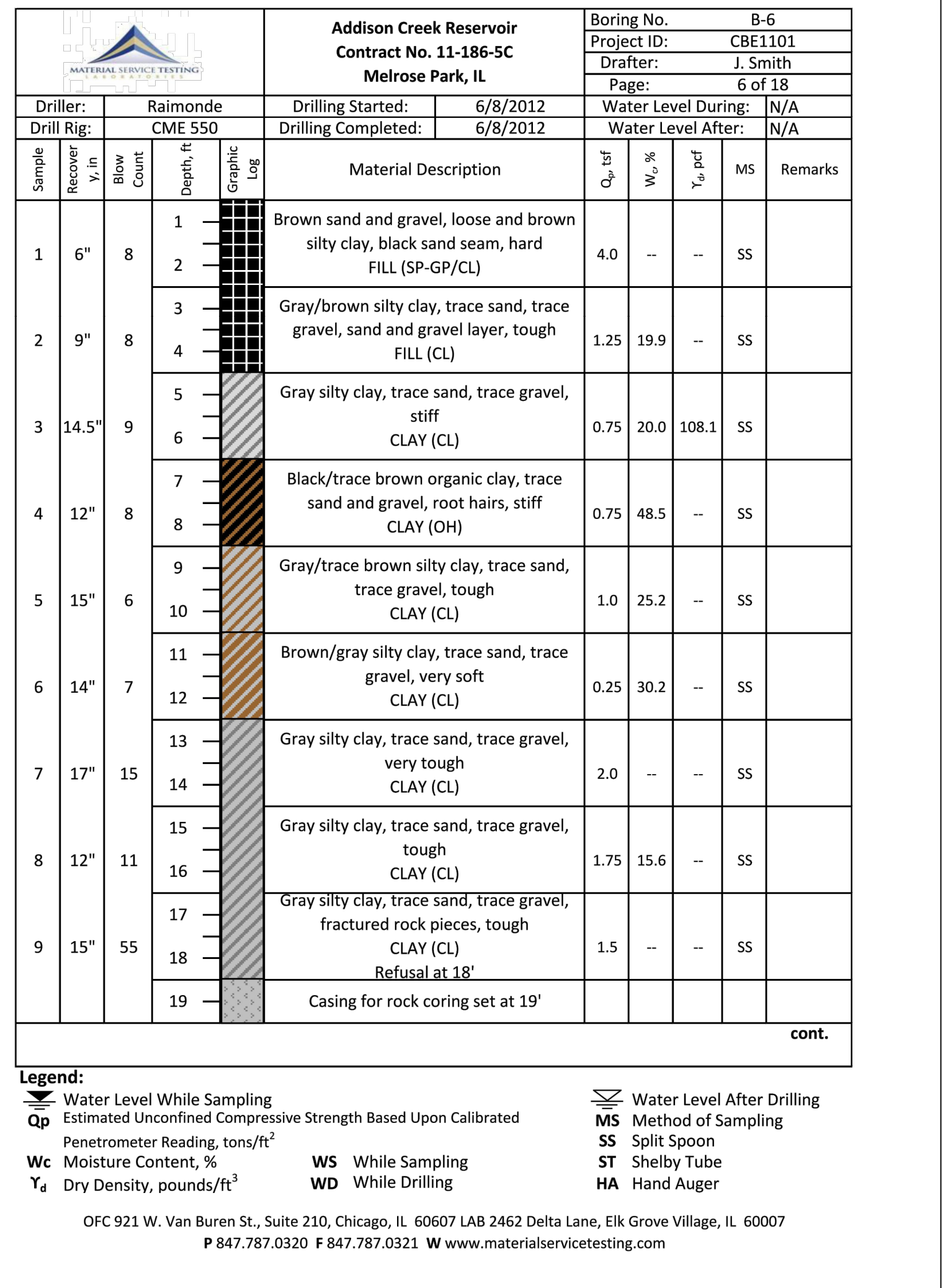
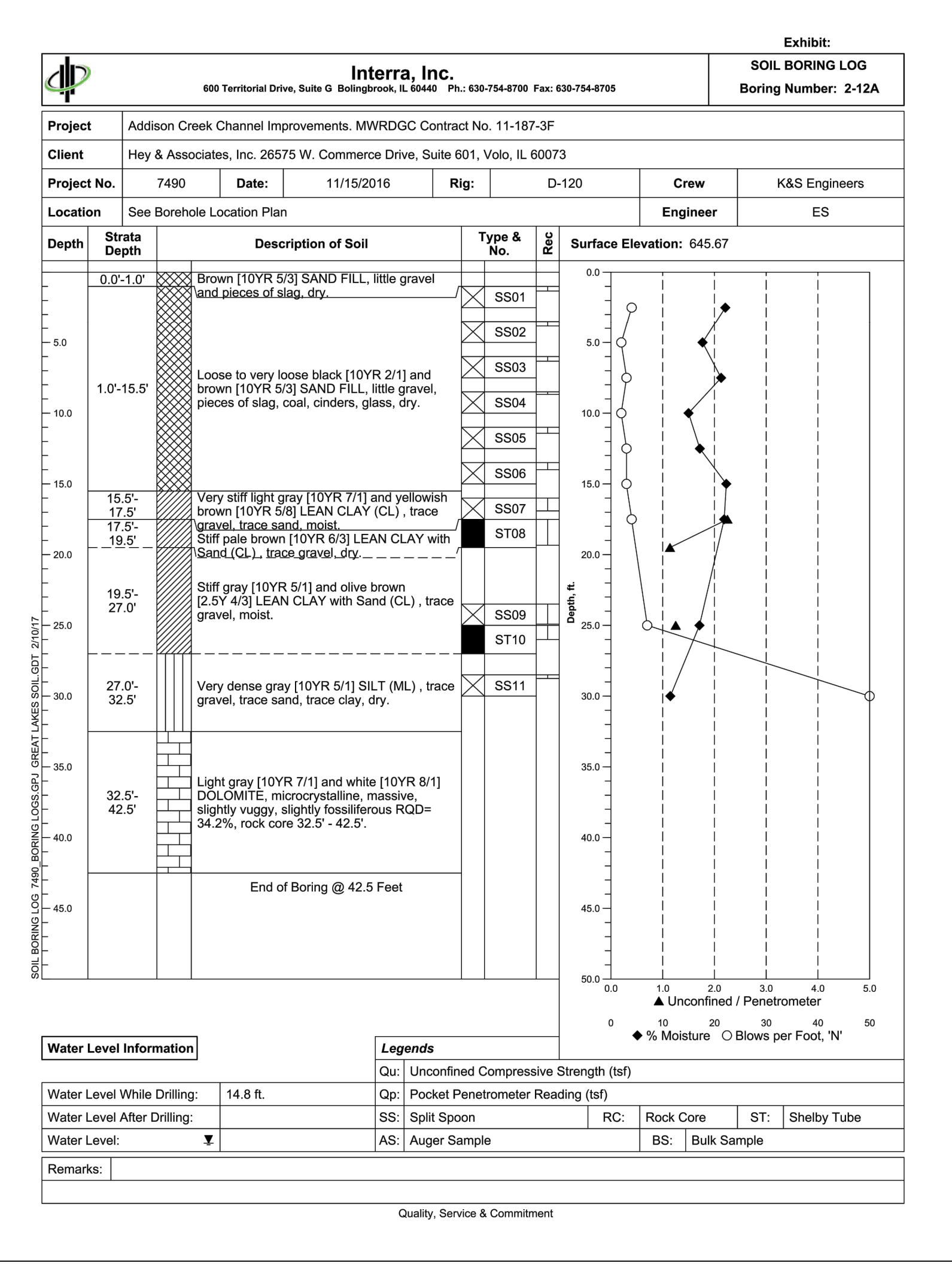
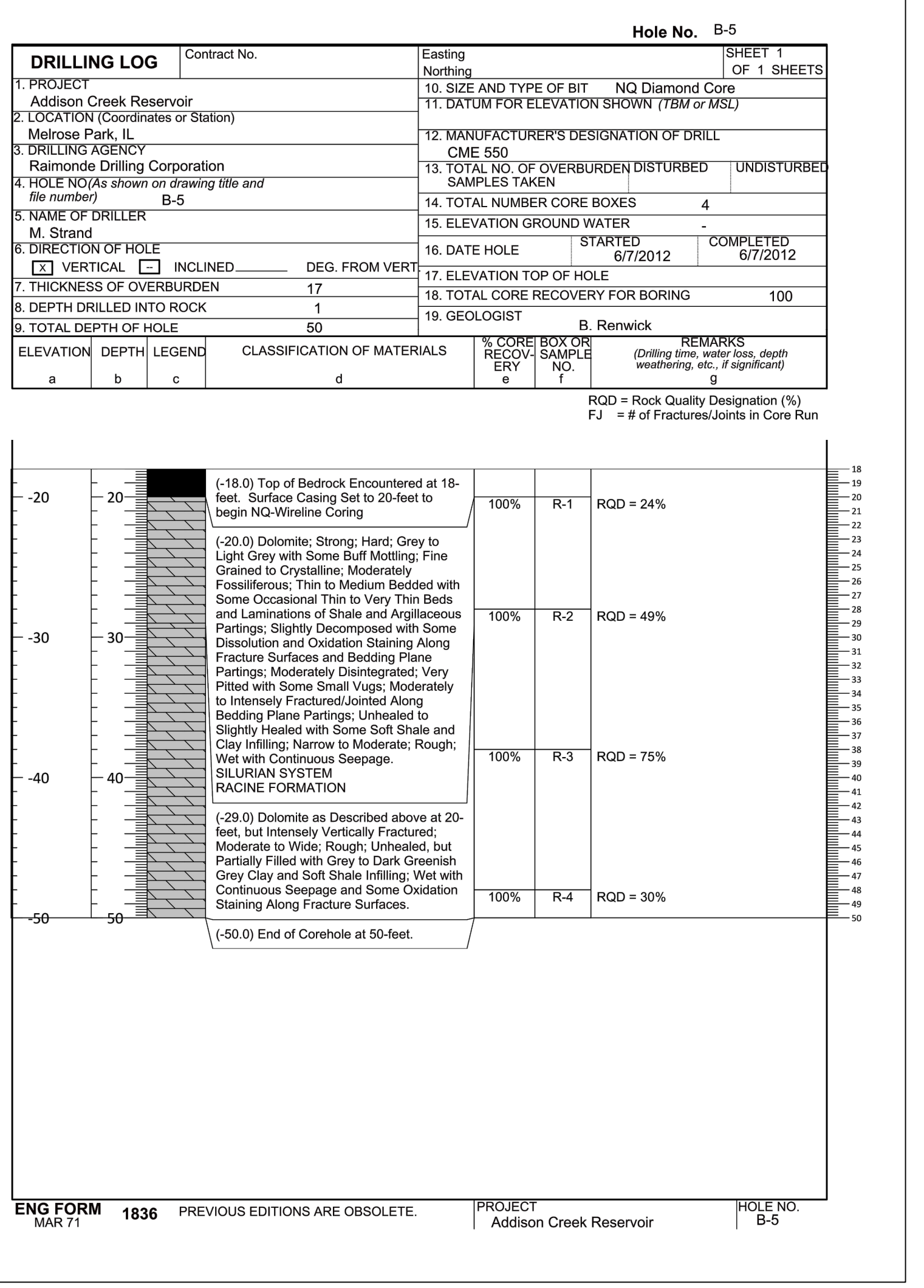
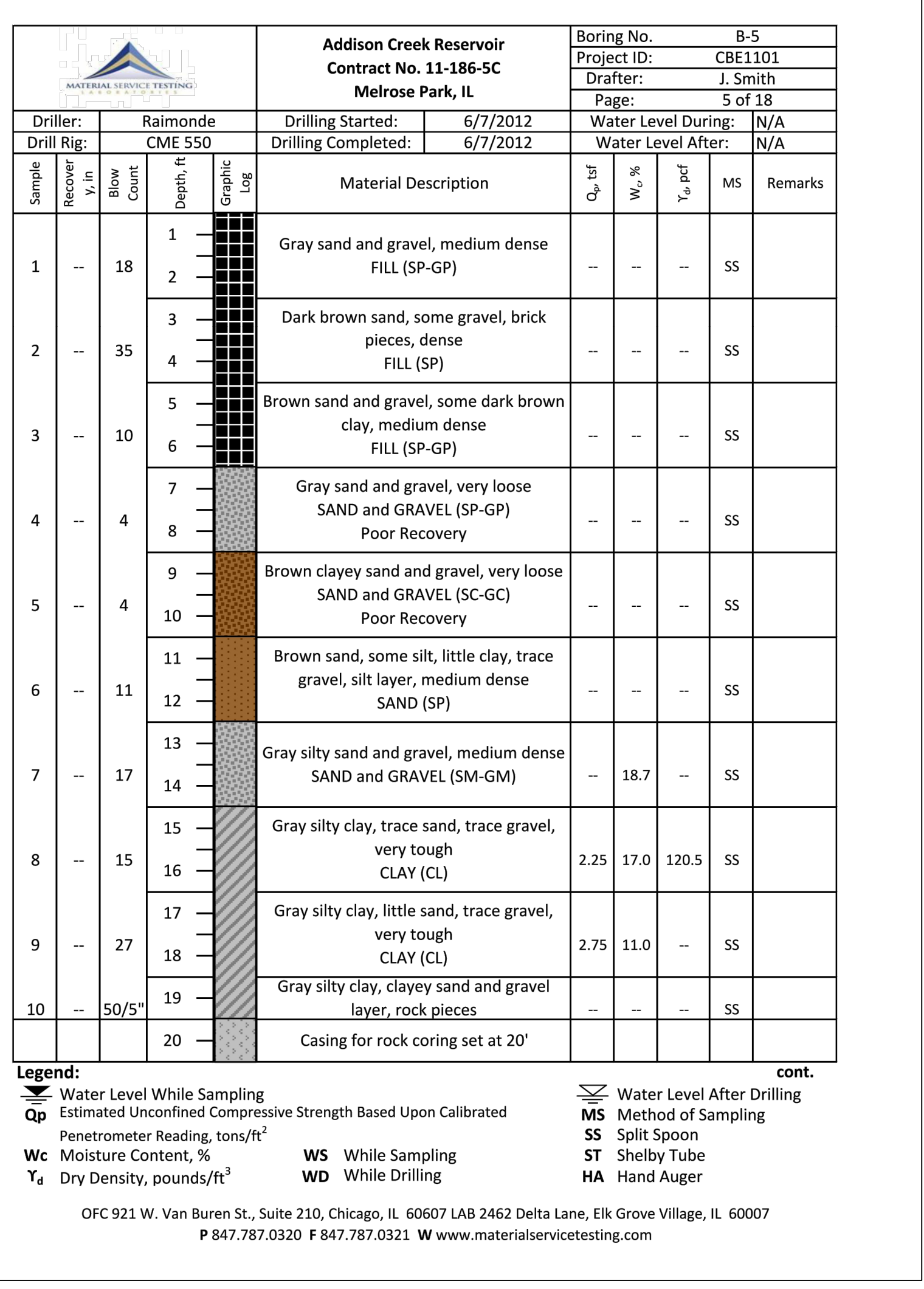
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 Date: 2022
 Reviewed by: JAW
 Correct:

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS
SOIL BORING LOGS - REACH 3

Sheet Number: **CB-108**
 Page Number: 32

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 License No. 062-052074
 A. WICKENHAUSE

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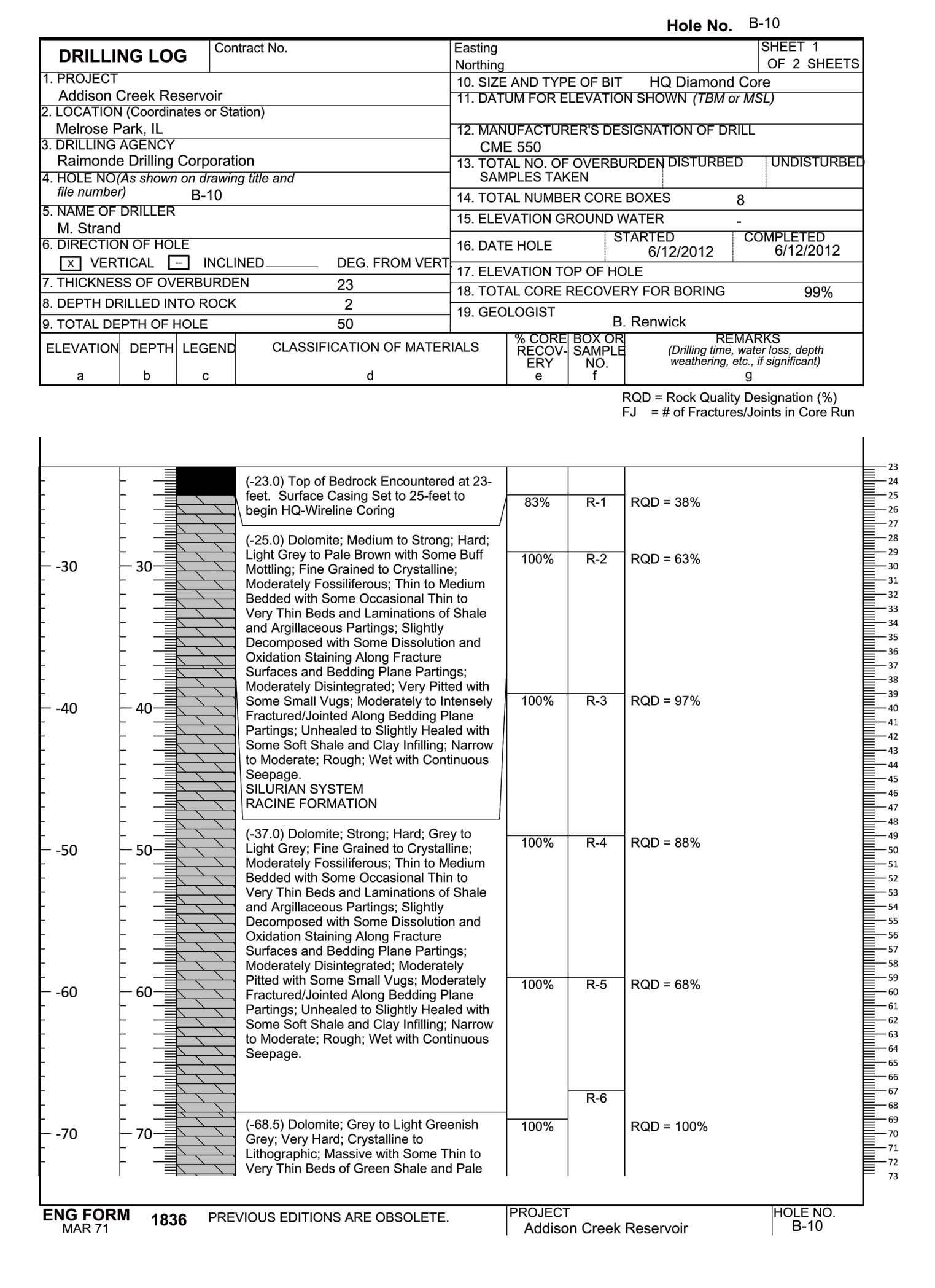
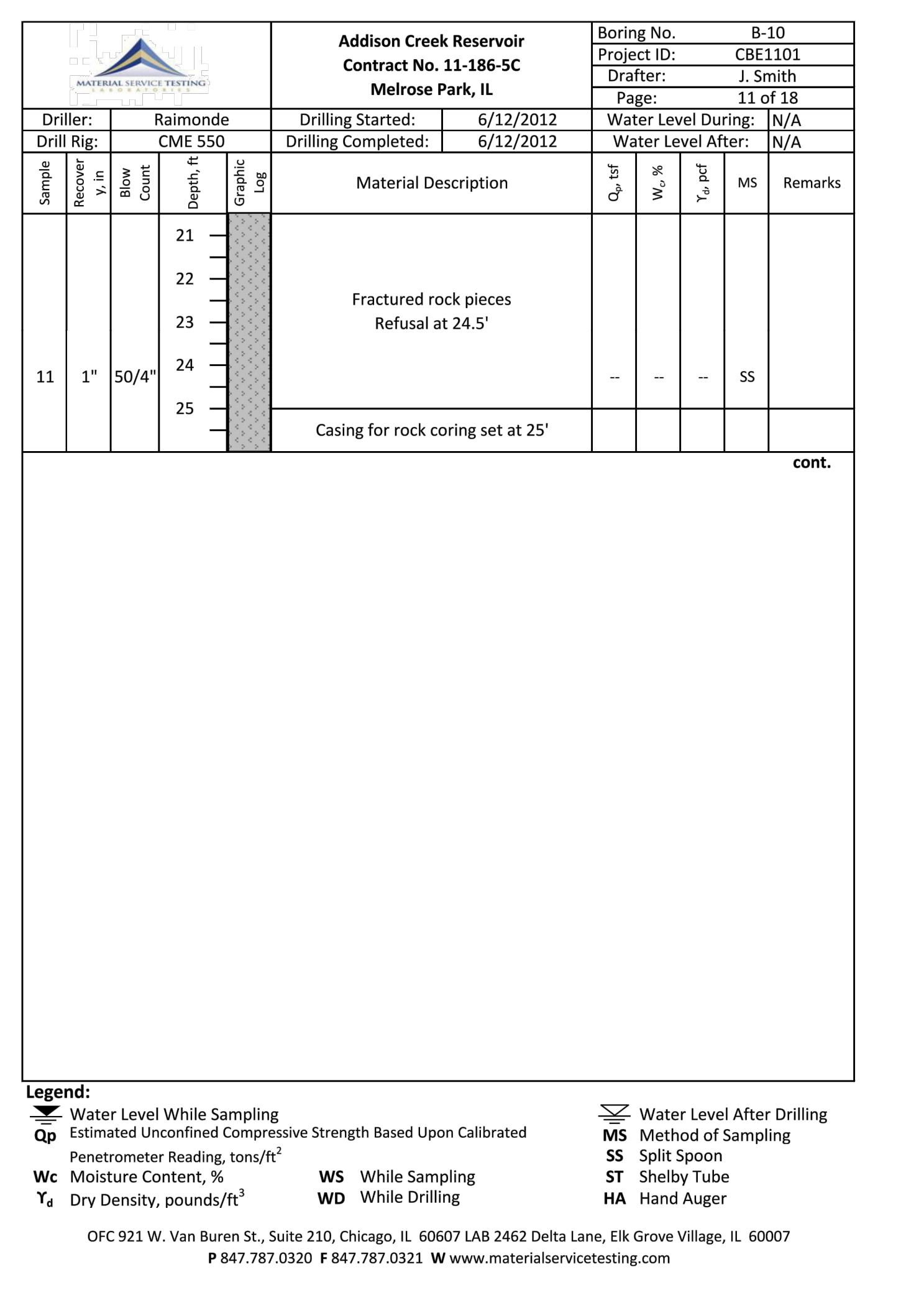
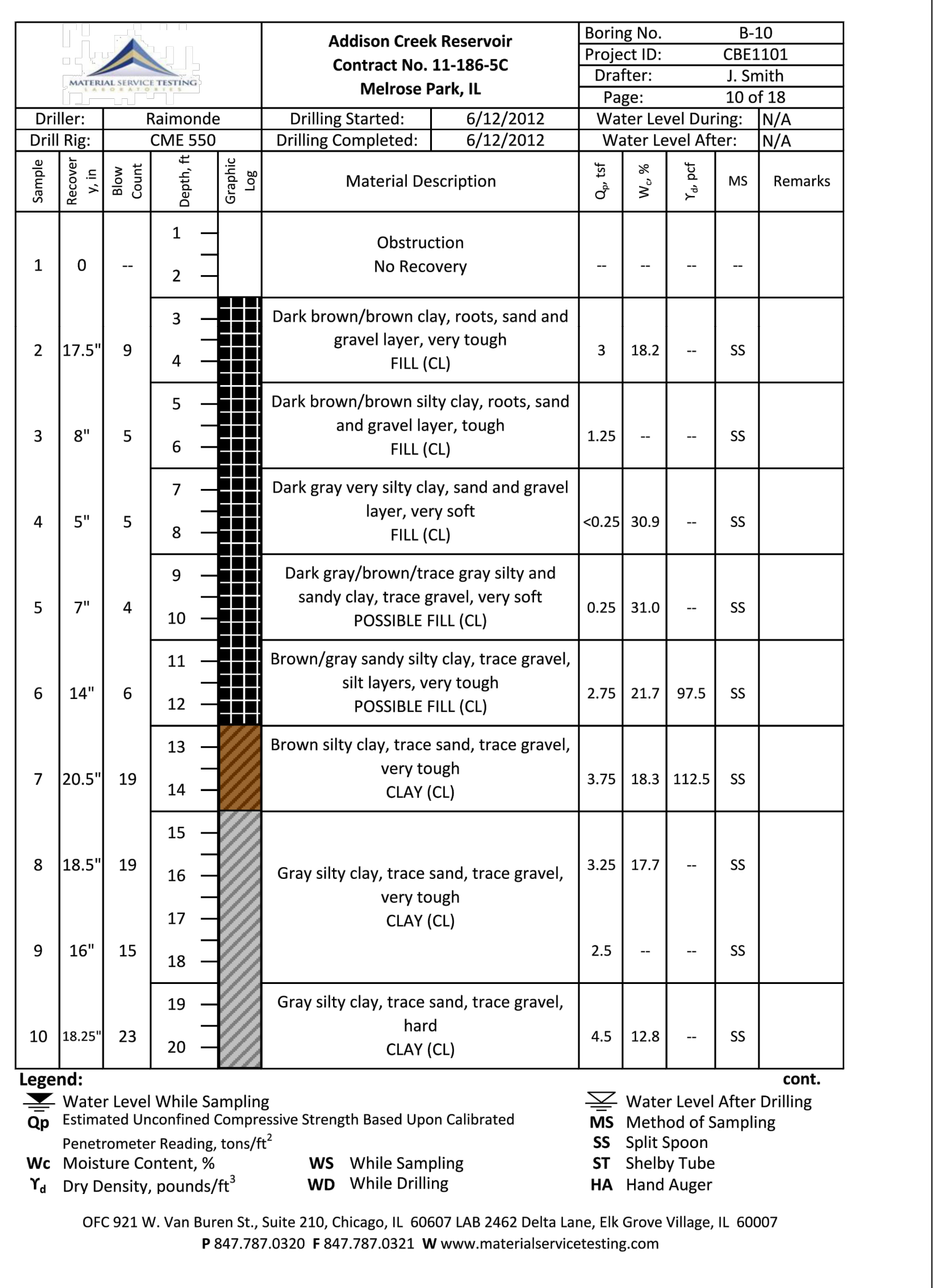
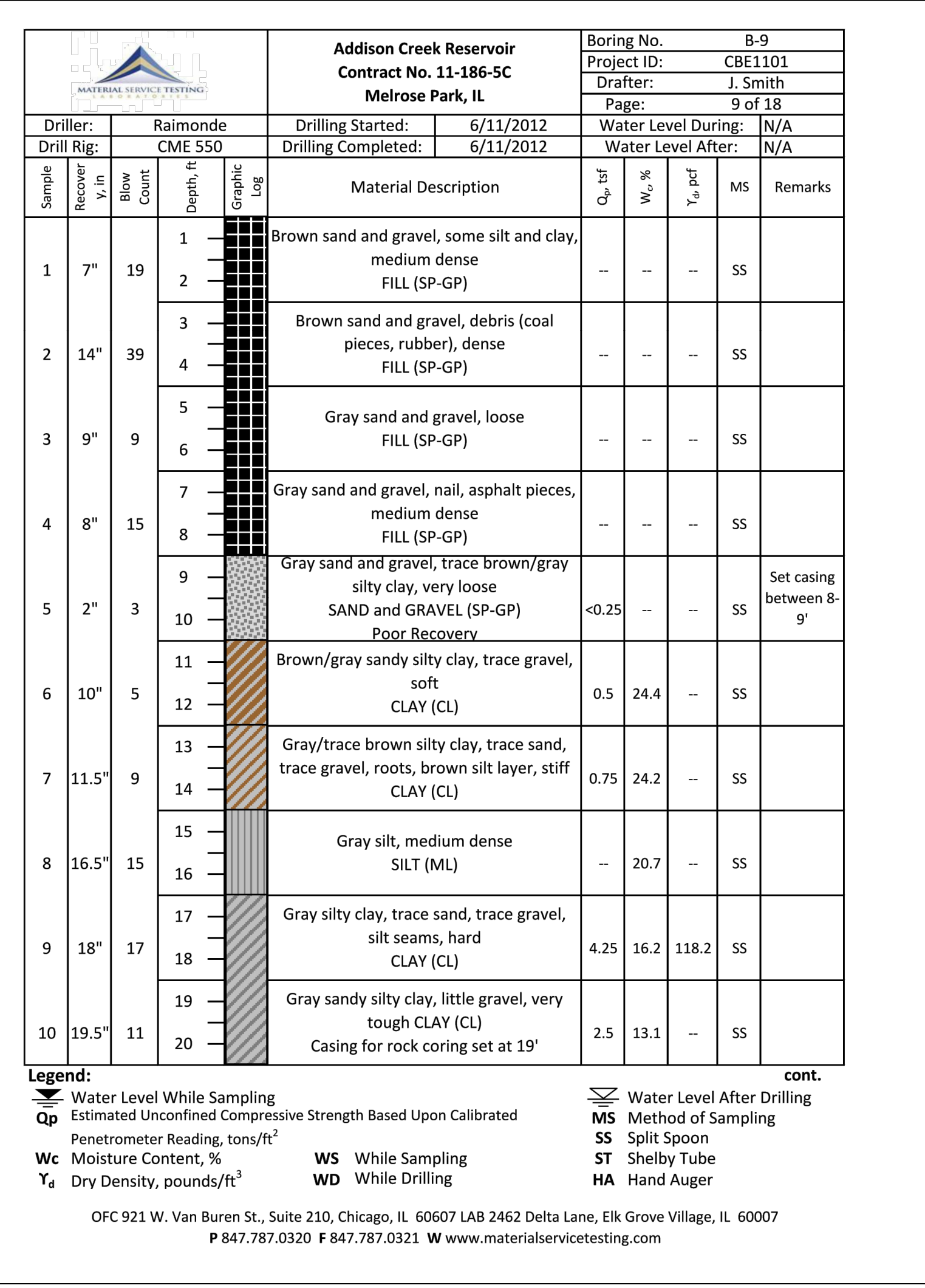
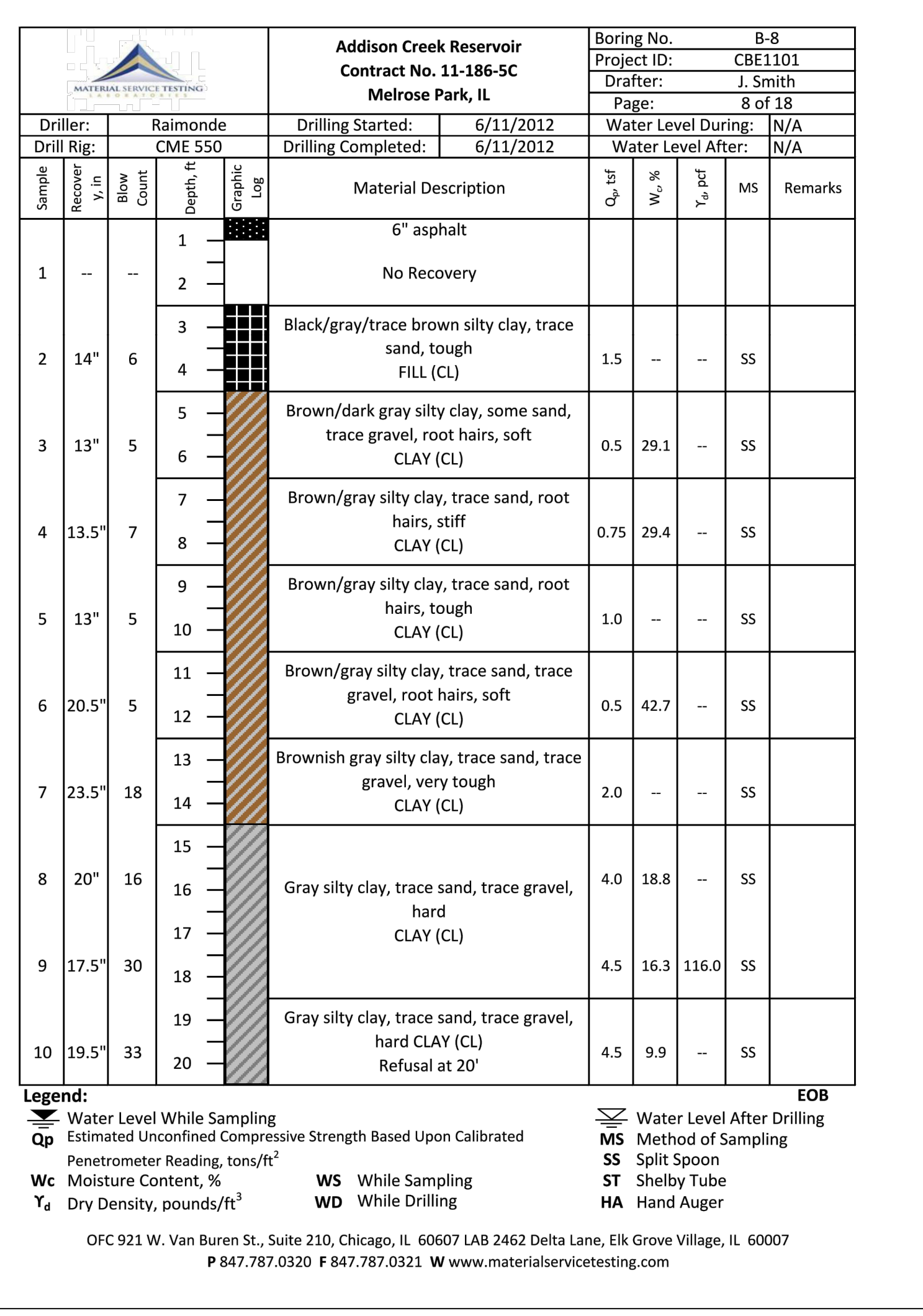
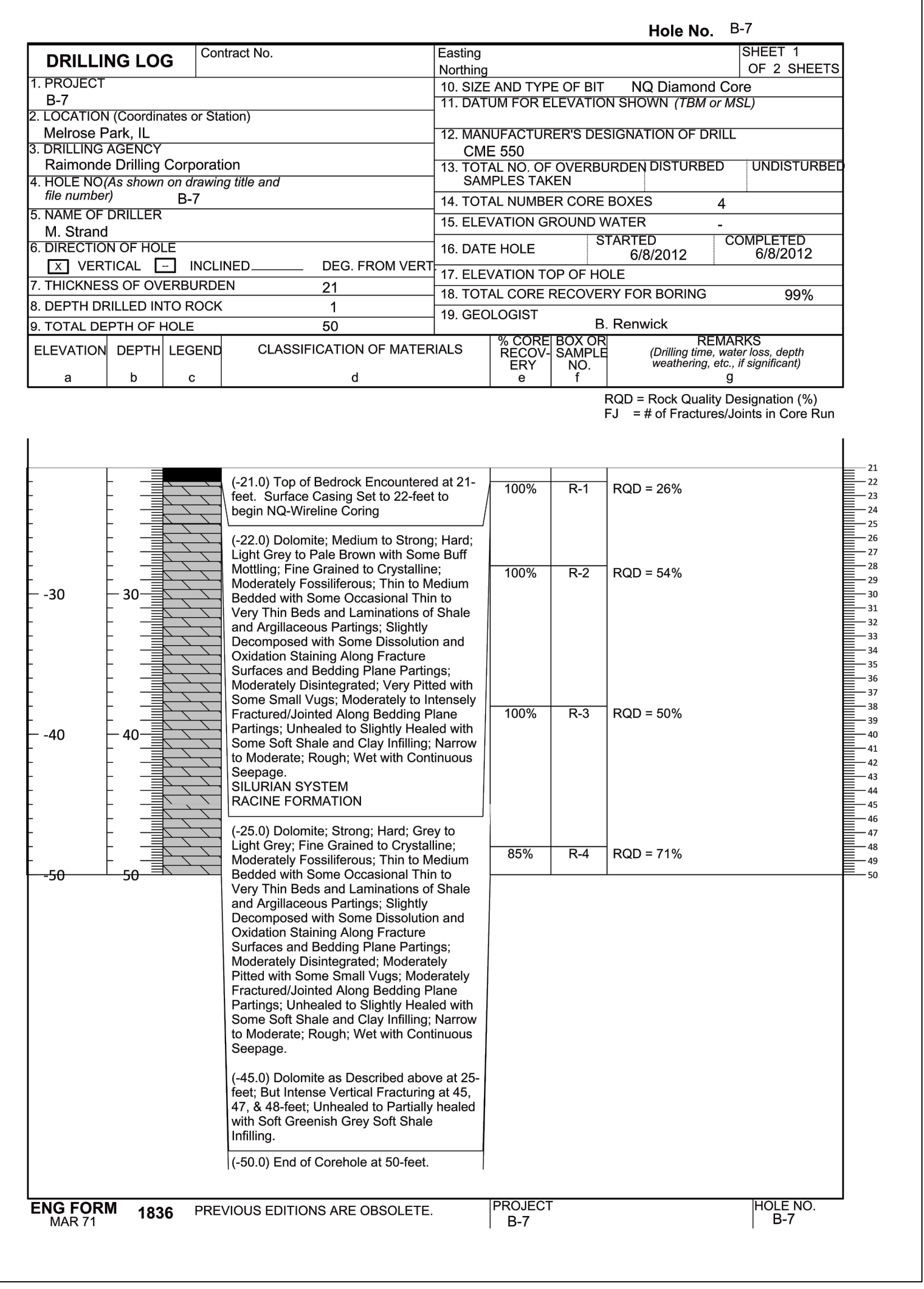
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS
SOIL BORING LOGS - REACH 3

Designed by: PML
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 Drawn by: KSS
 Reviewed by: JAW
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Sheet Number: **CB-109**
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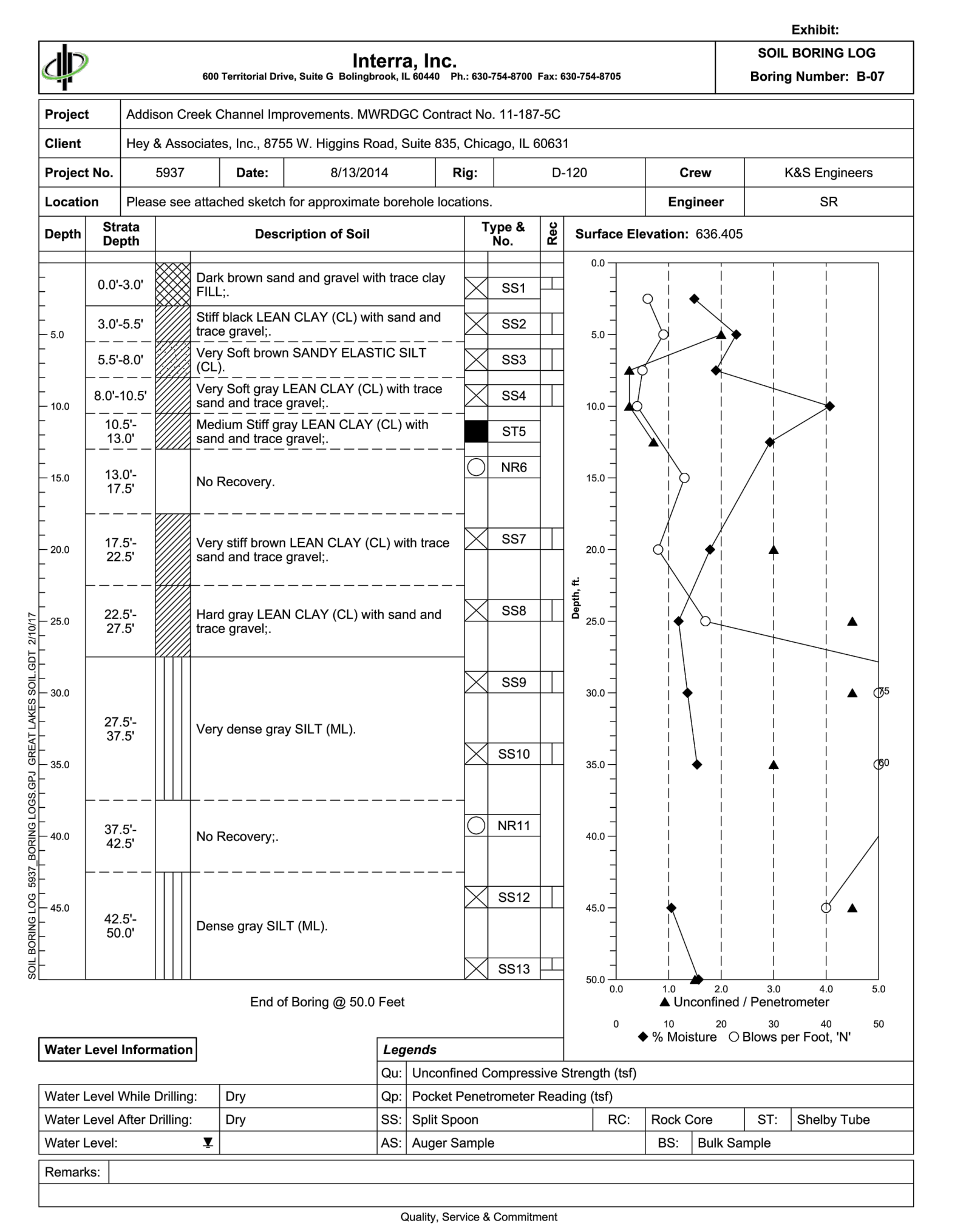
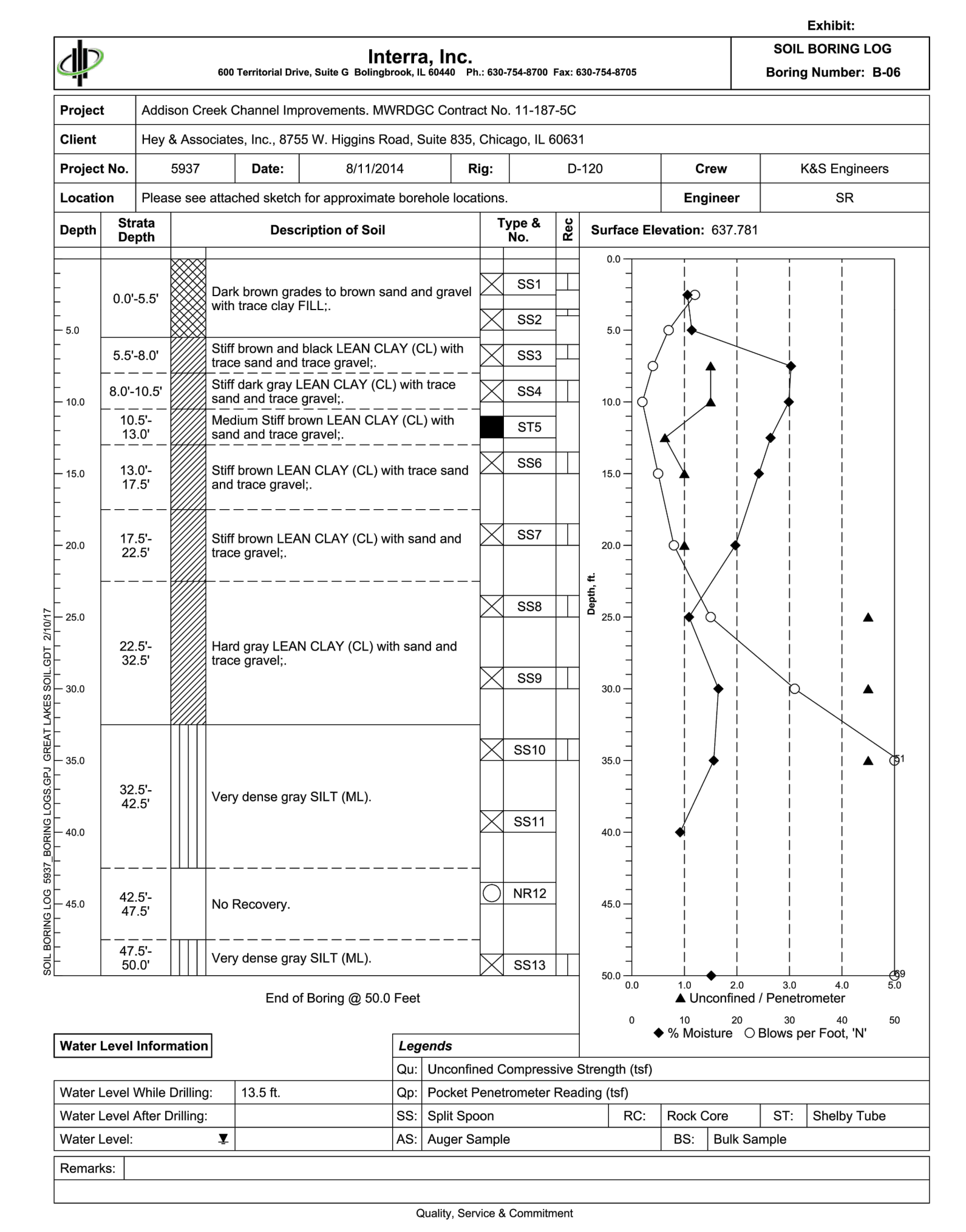
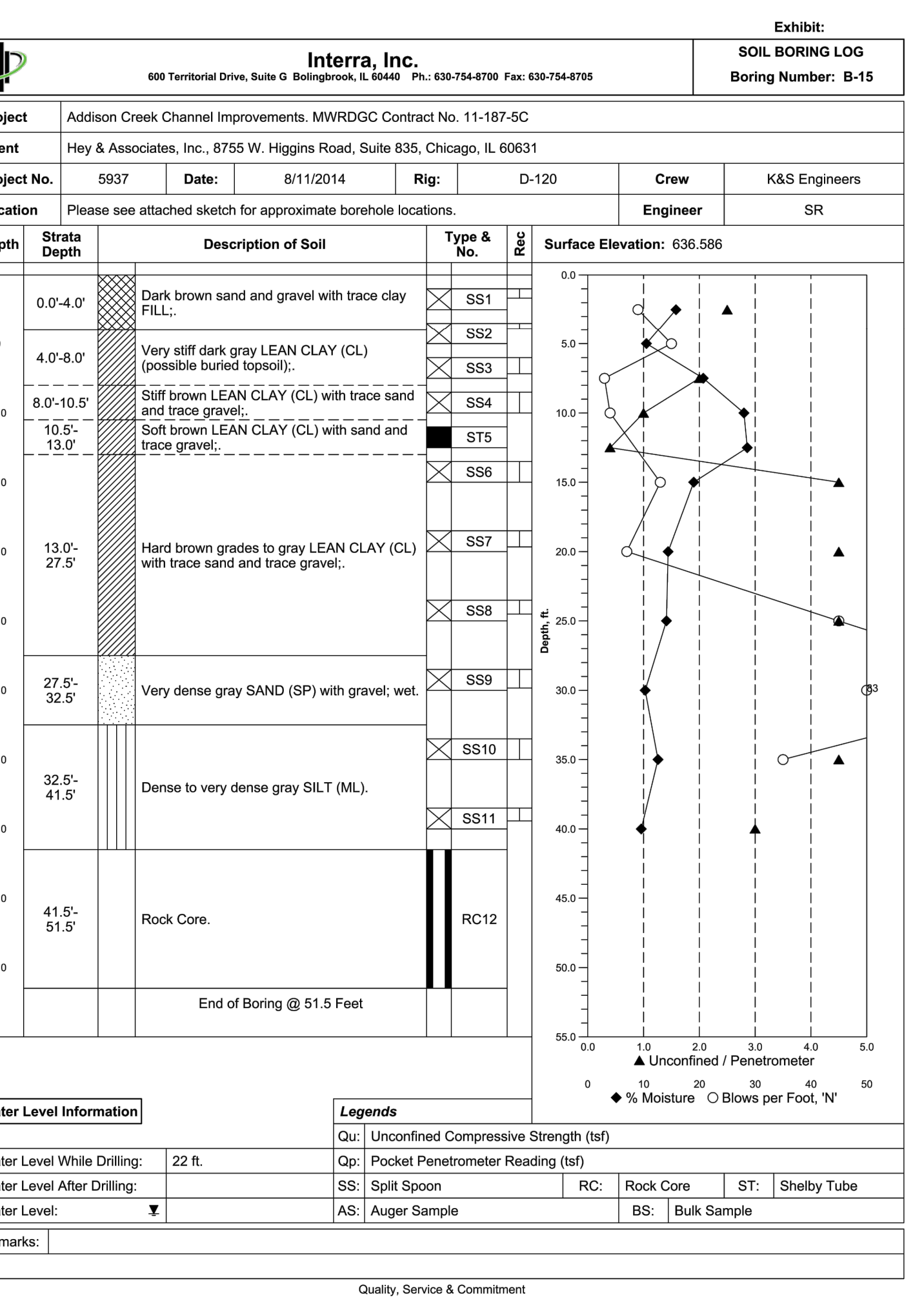
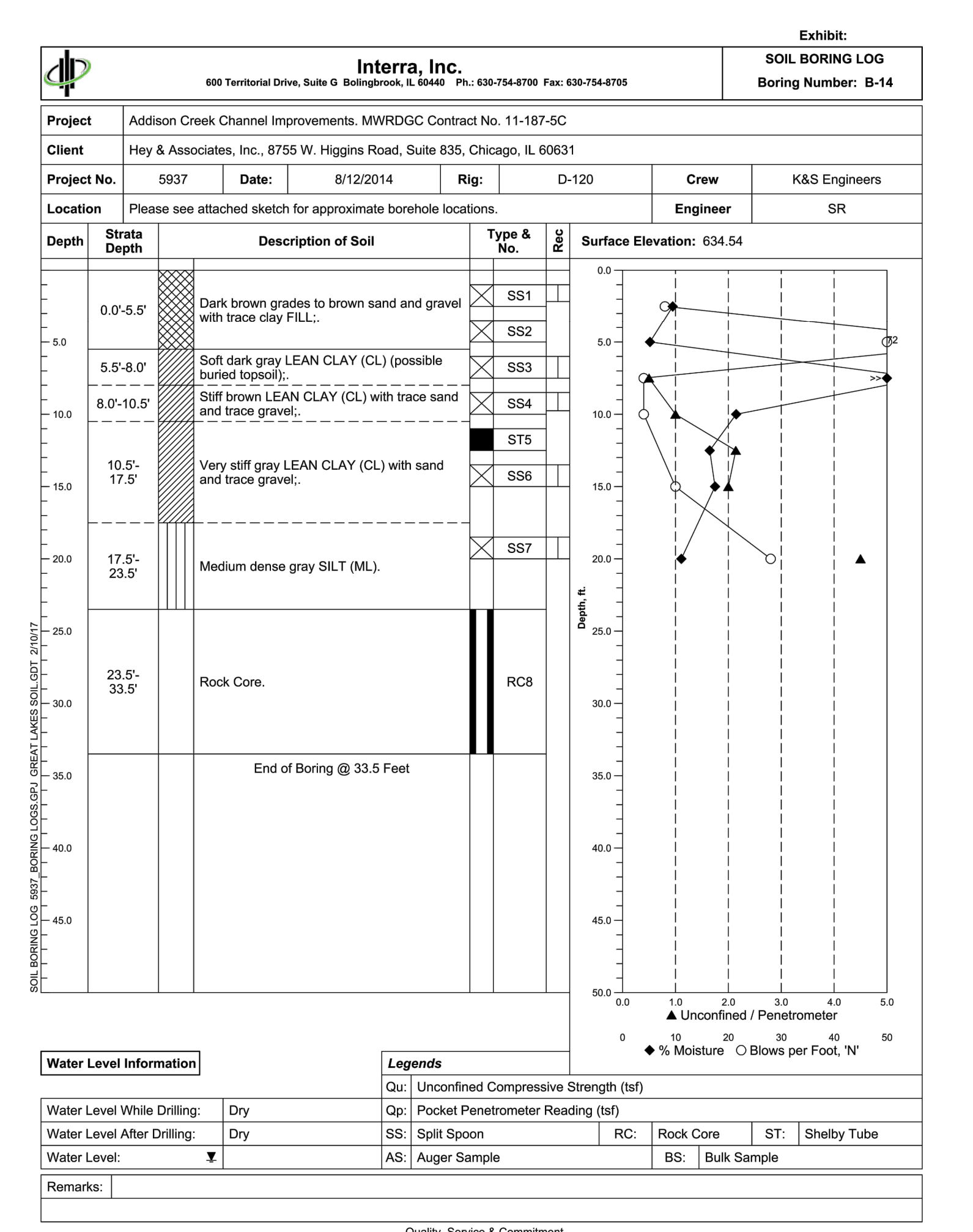
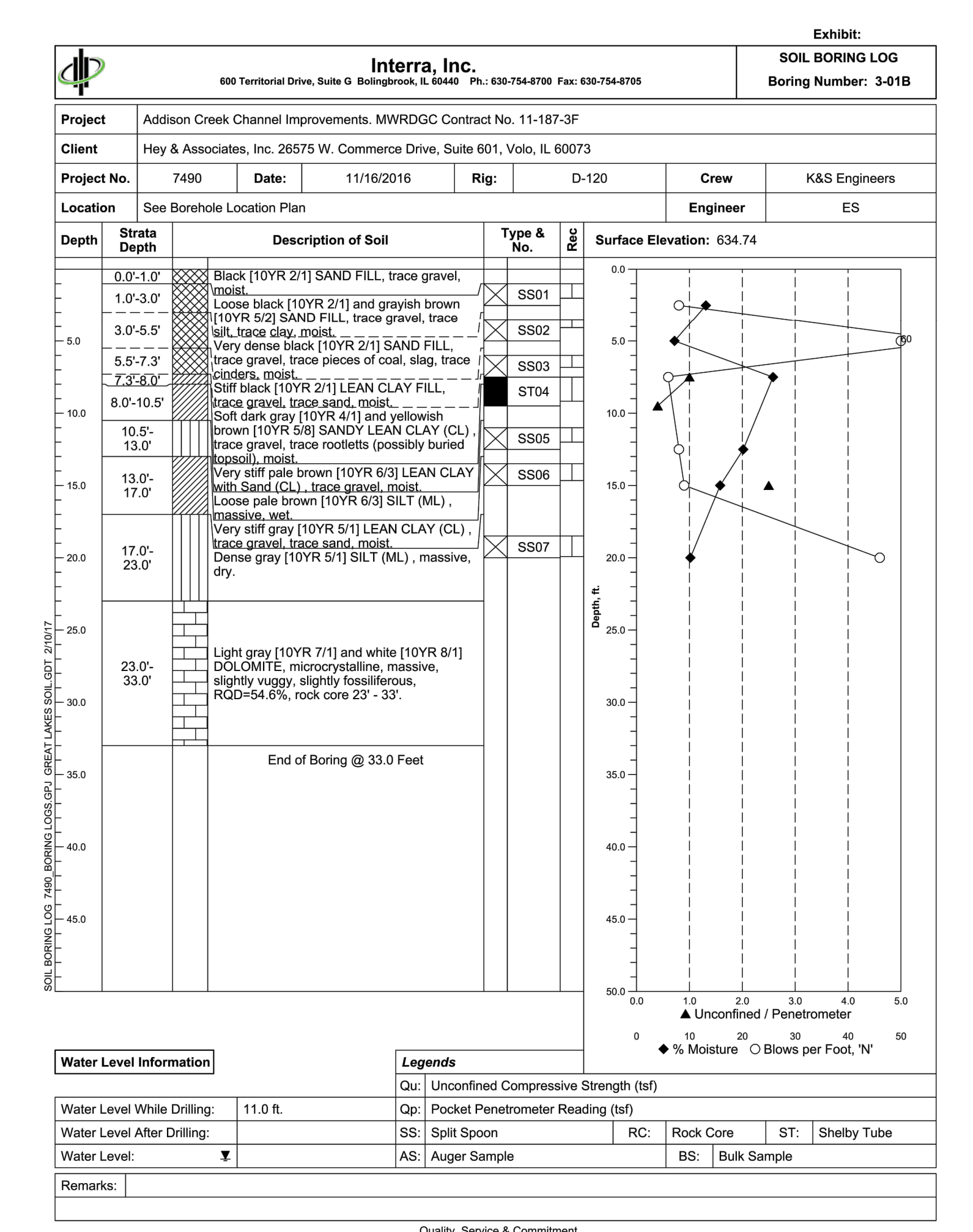
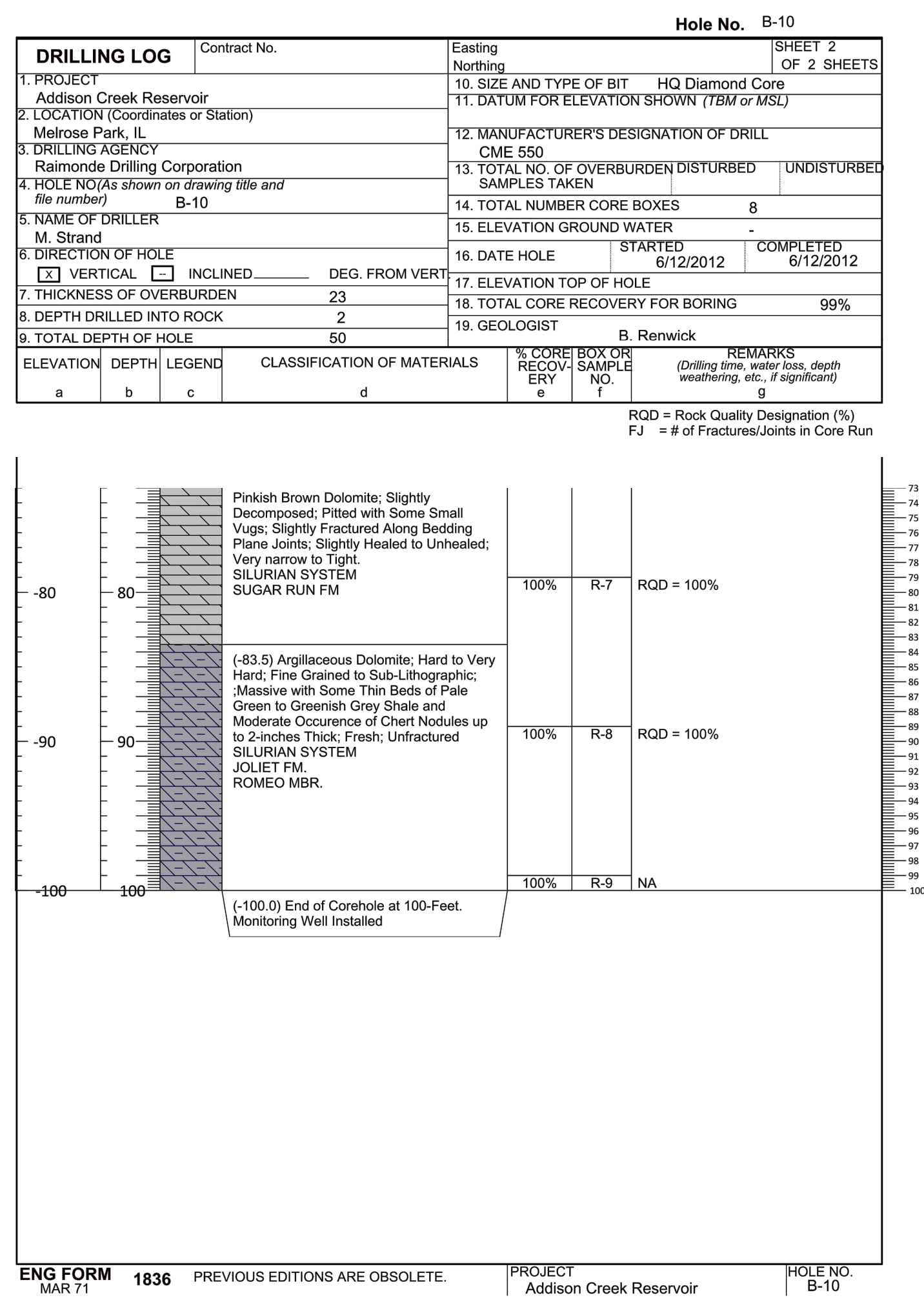
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

SOIL BORING LOGS - REACH 3

Sheet Number: **CB-110**
 Page Number: 34

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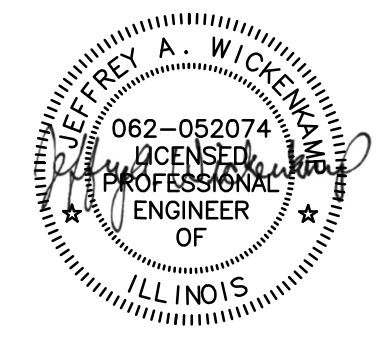
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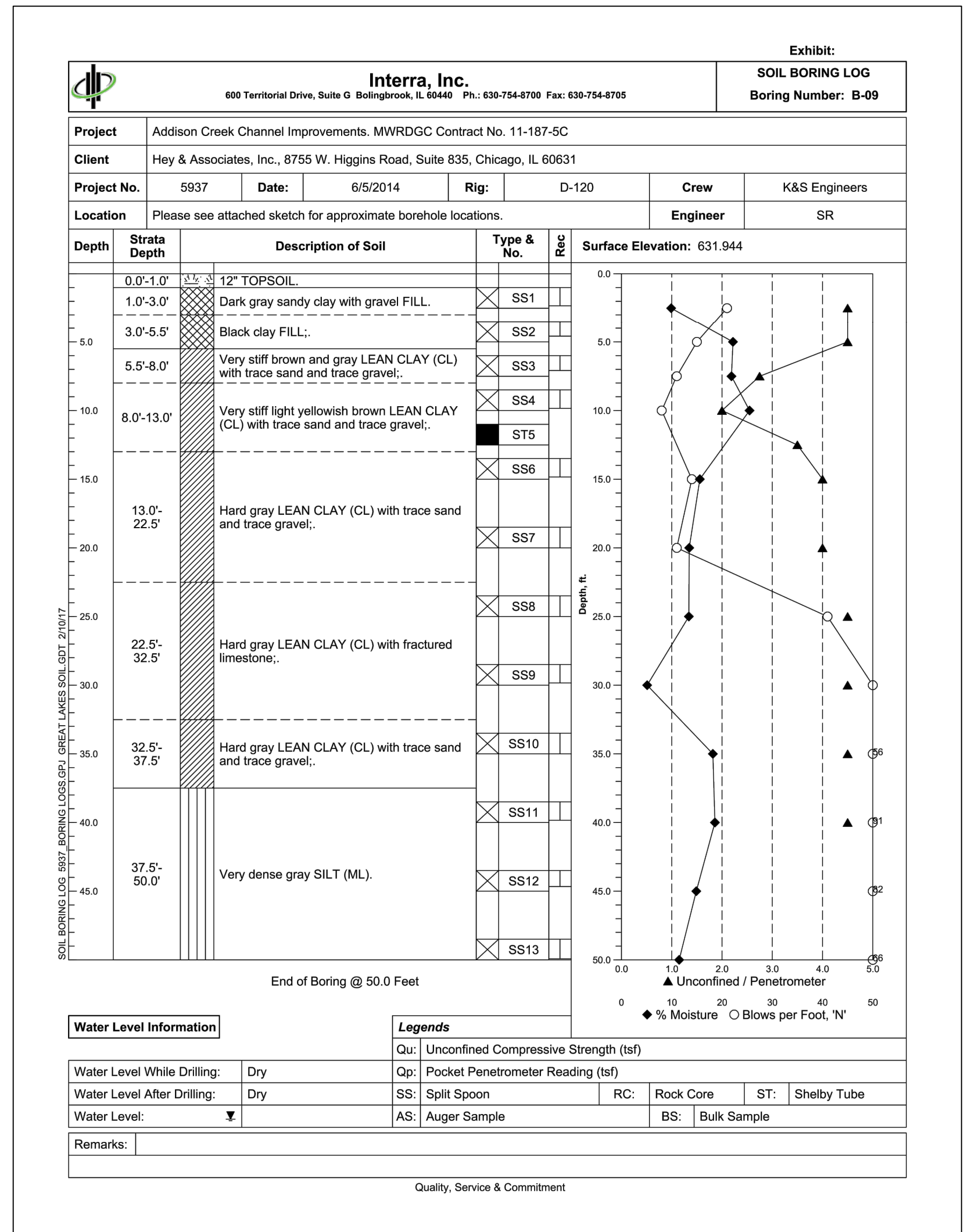
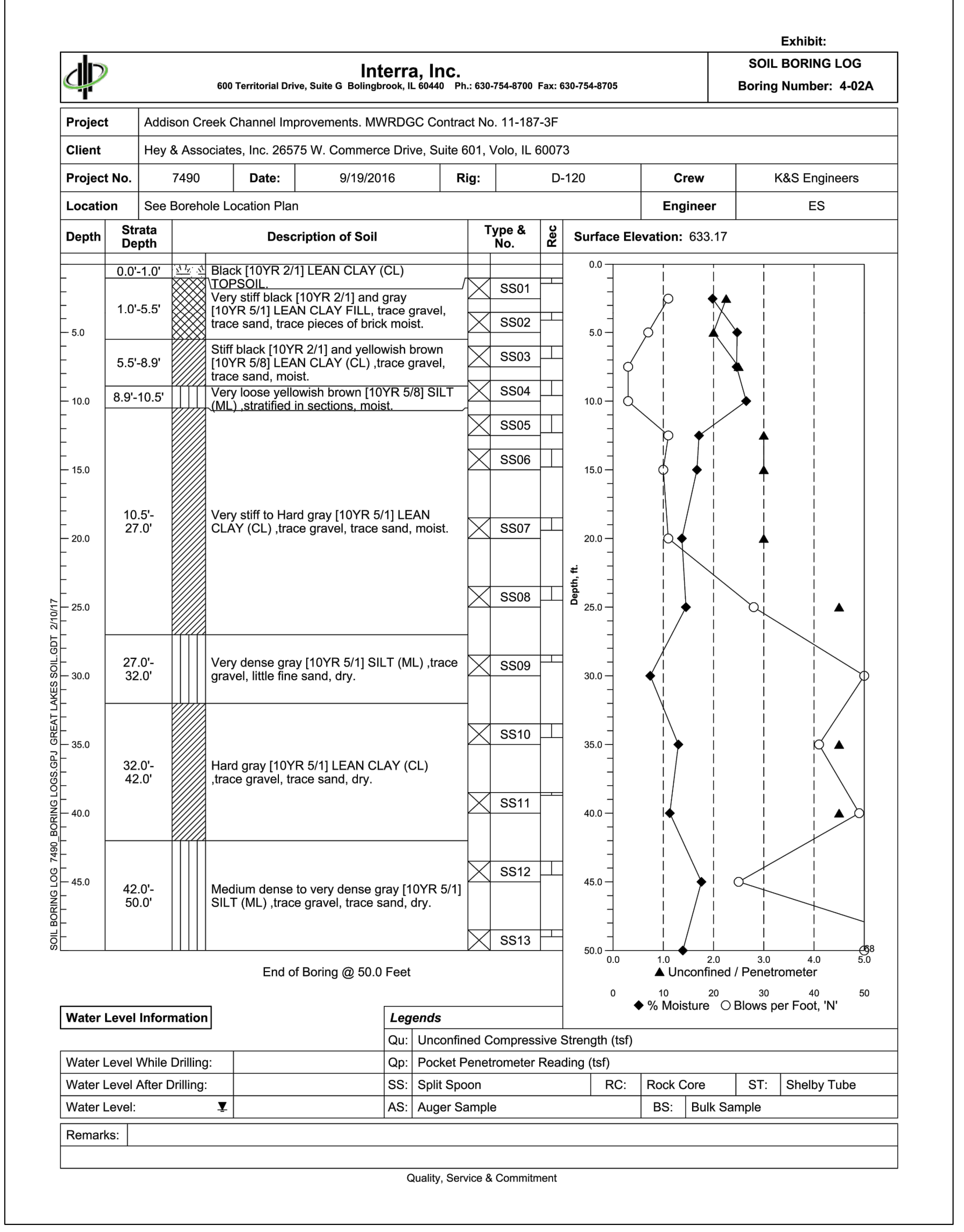
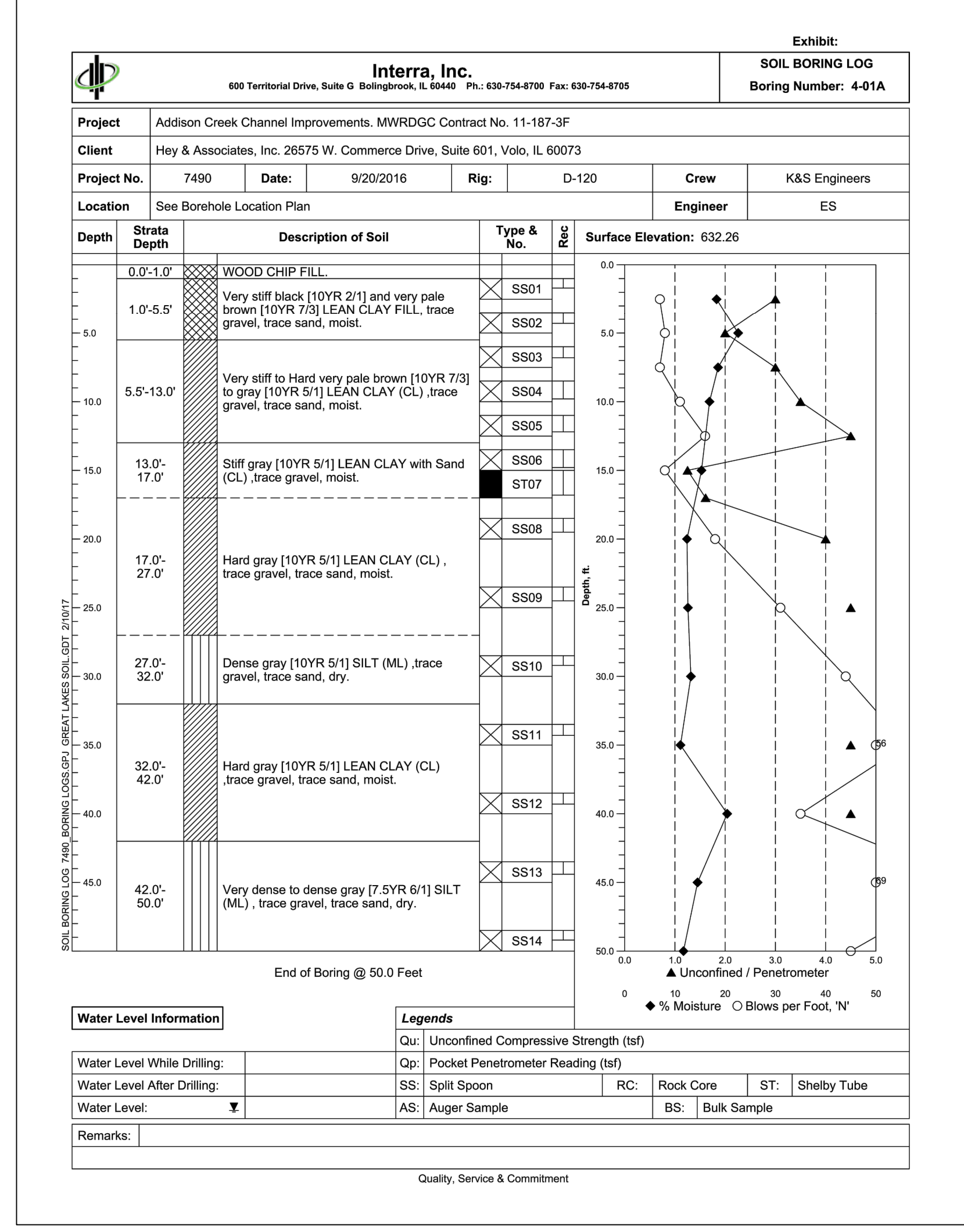
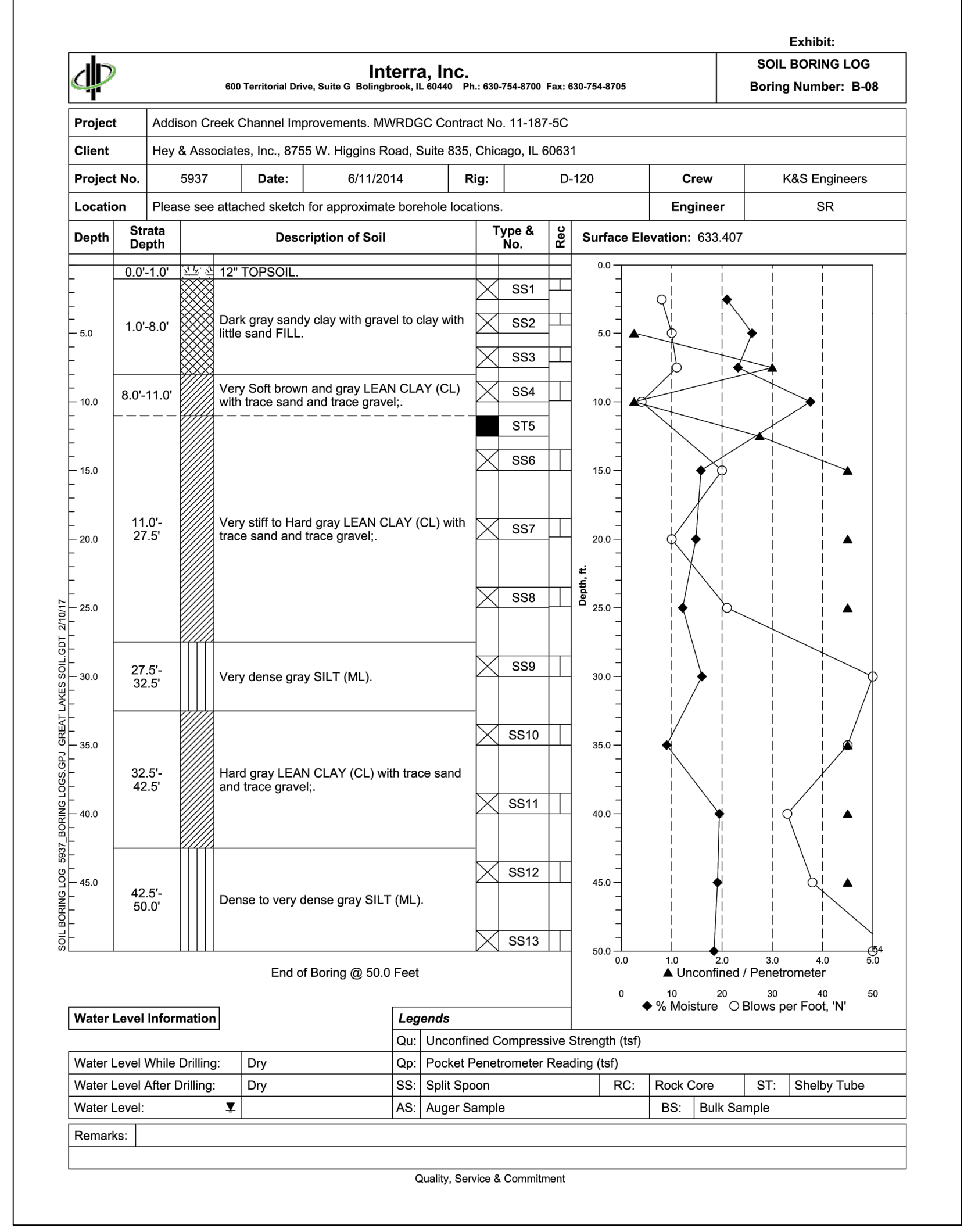
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SOIL BORING LOGS - REACH 3





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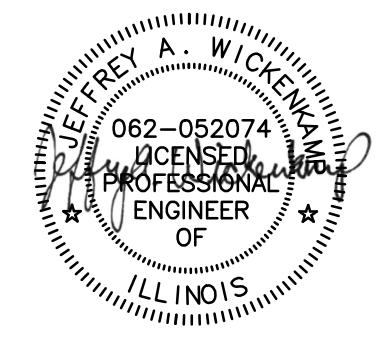
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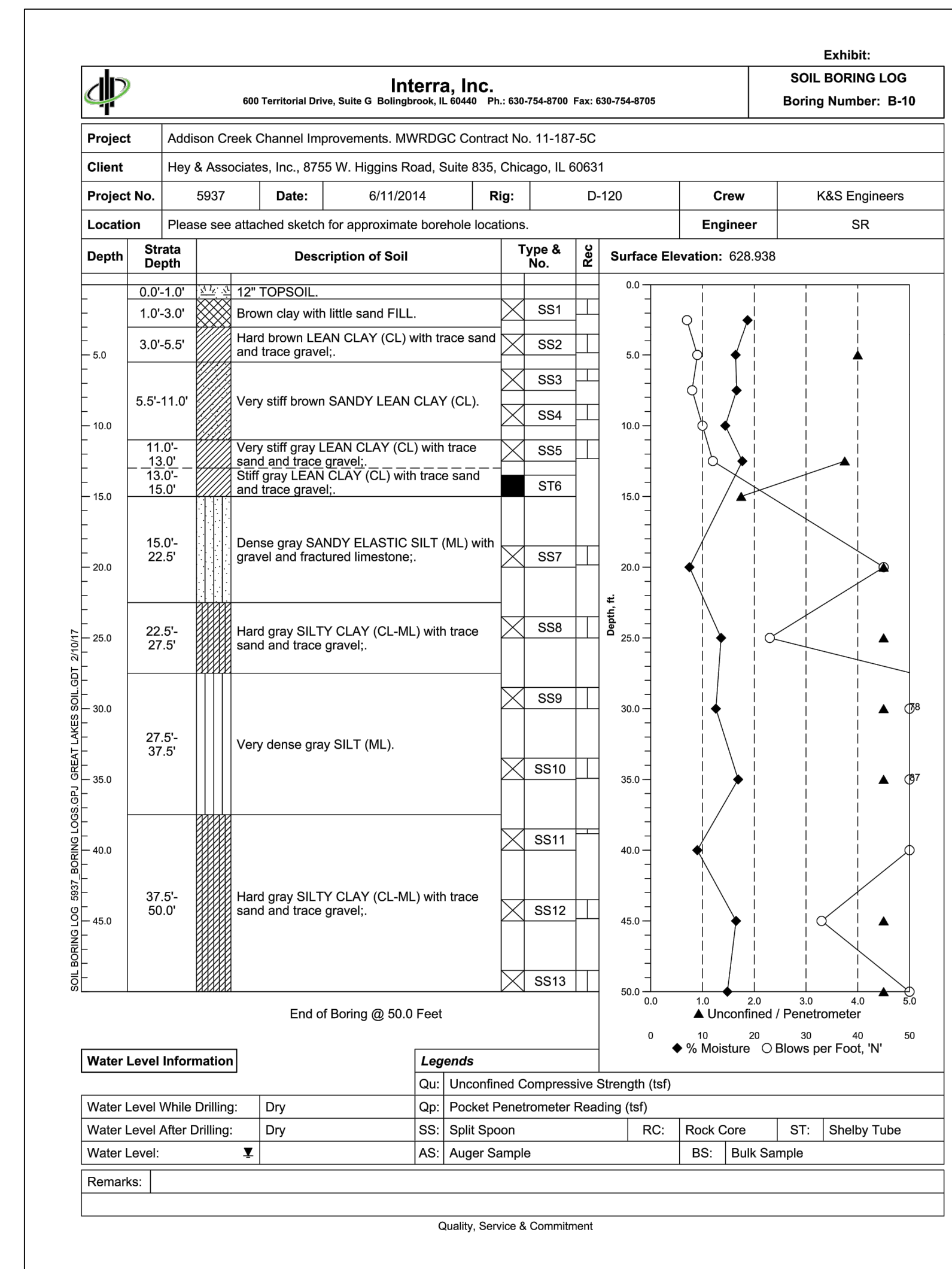
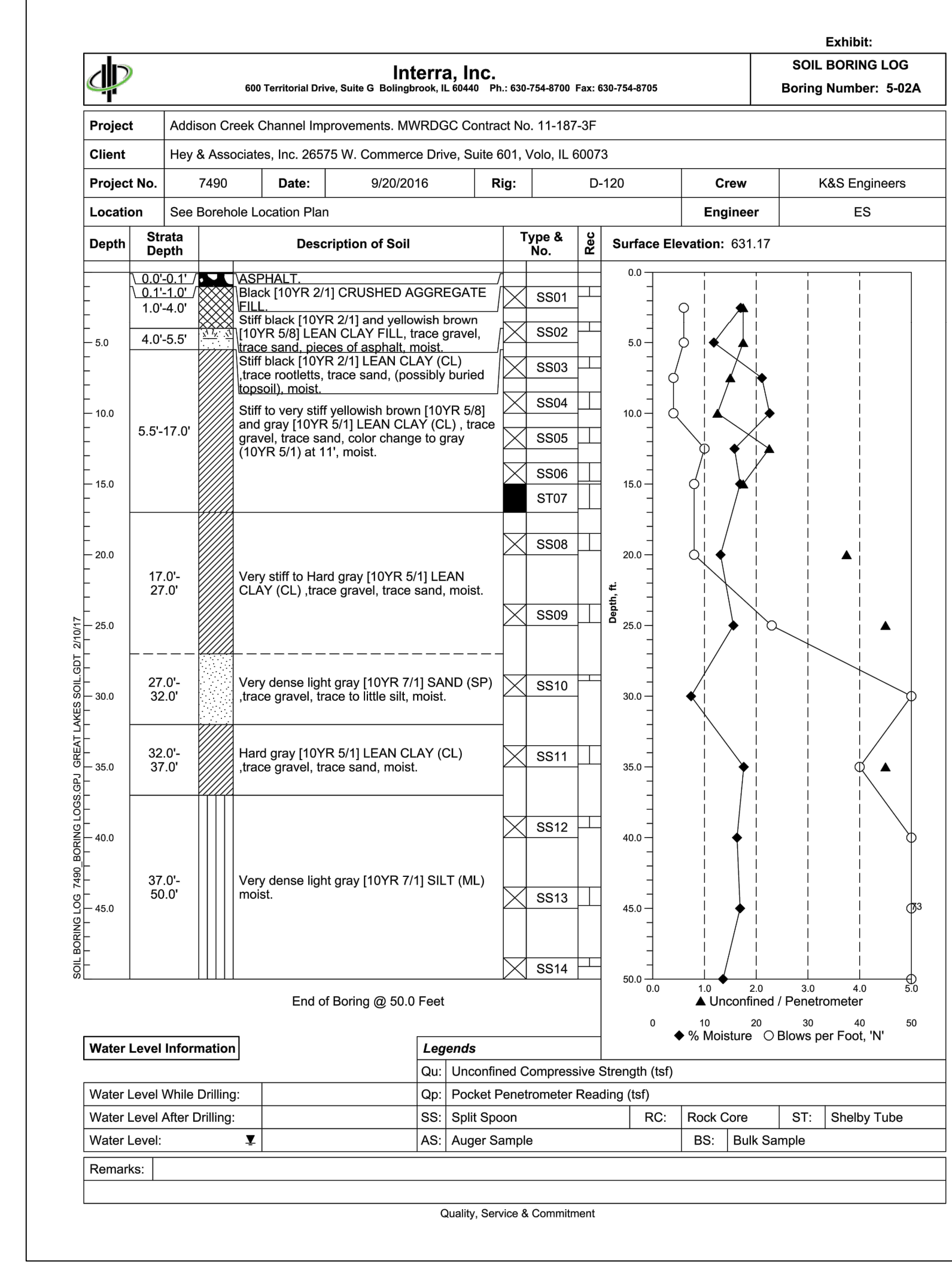
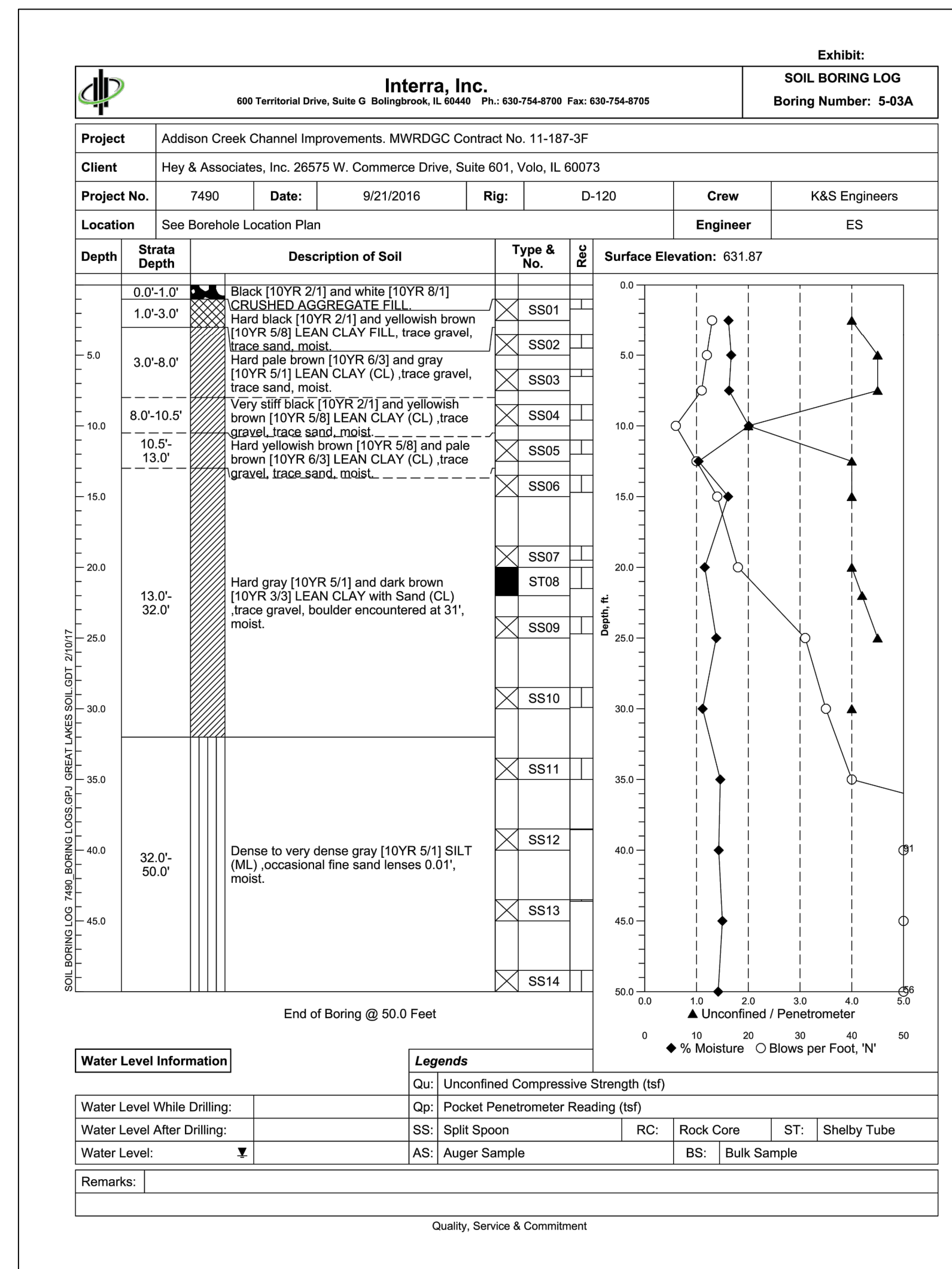
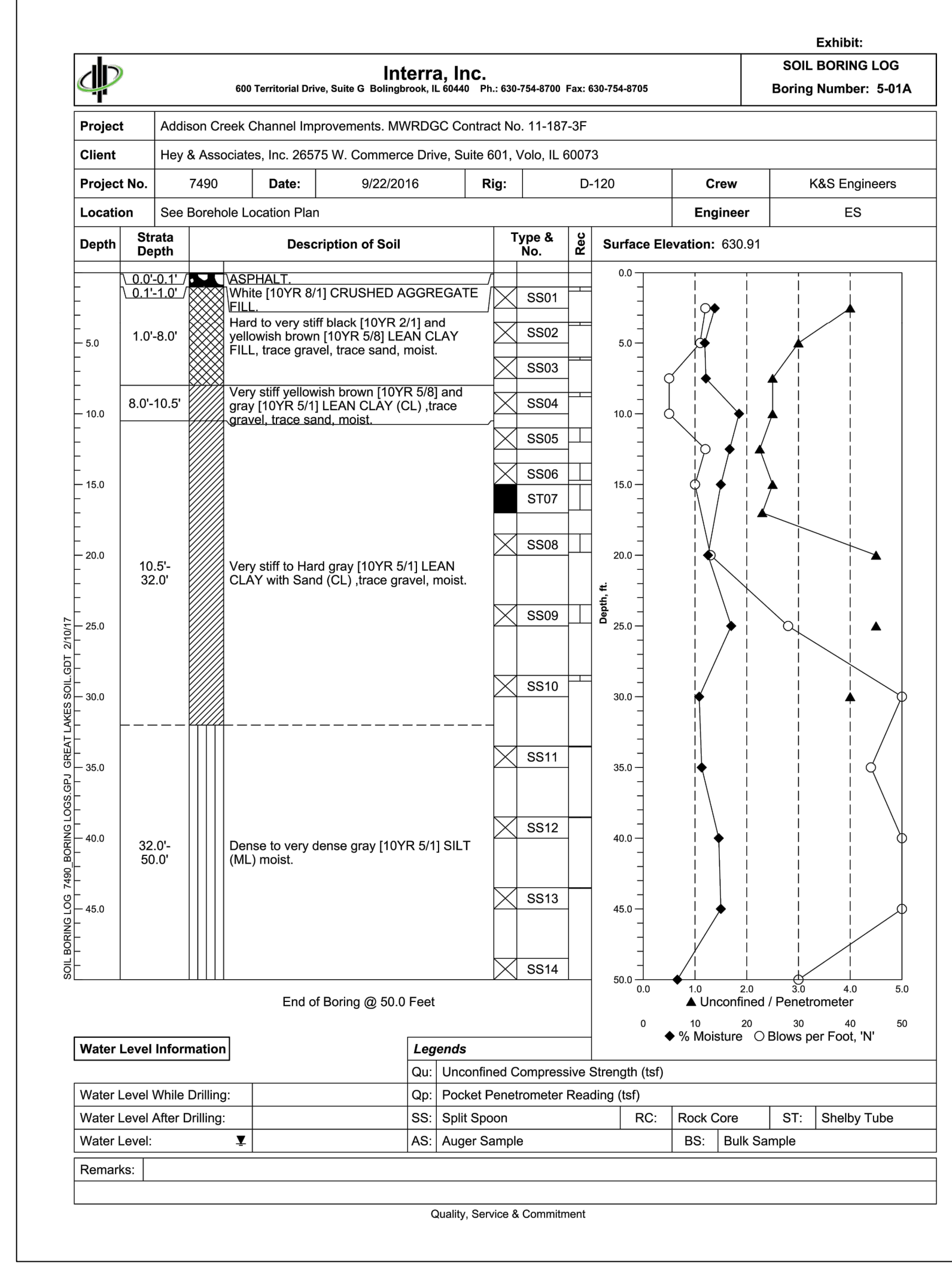
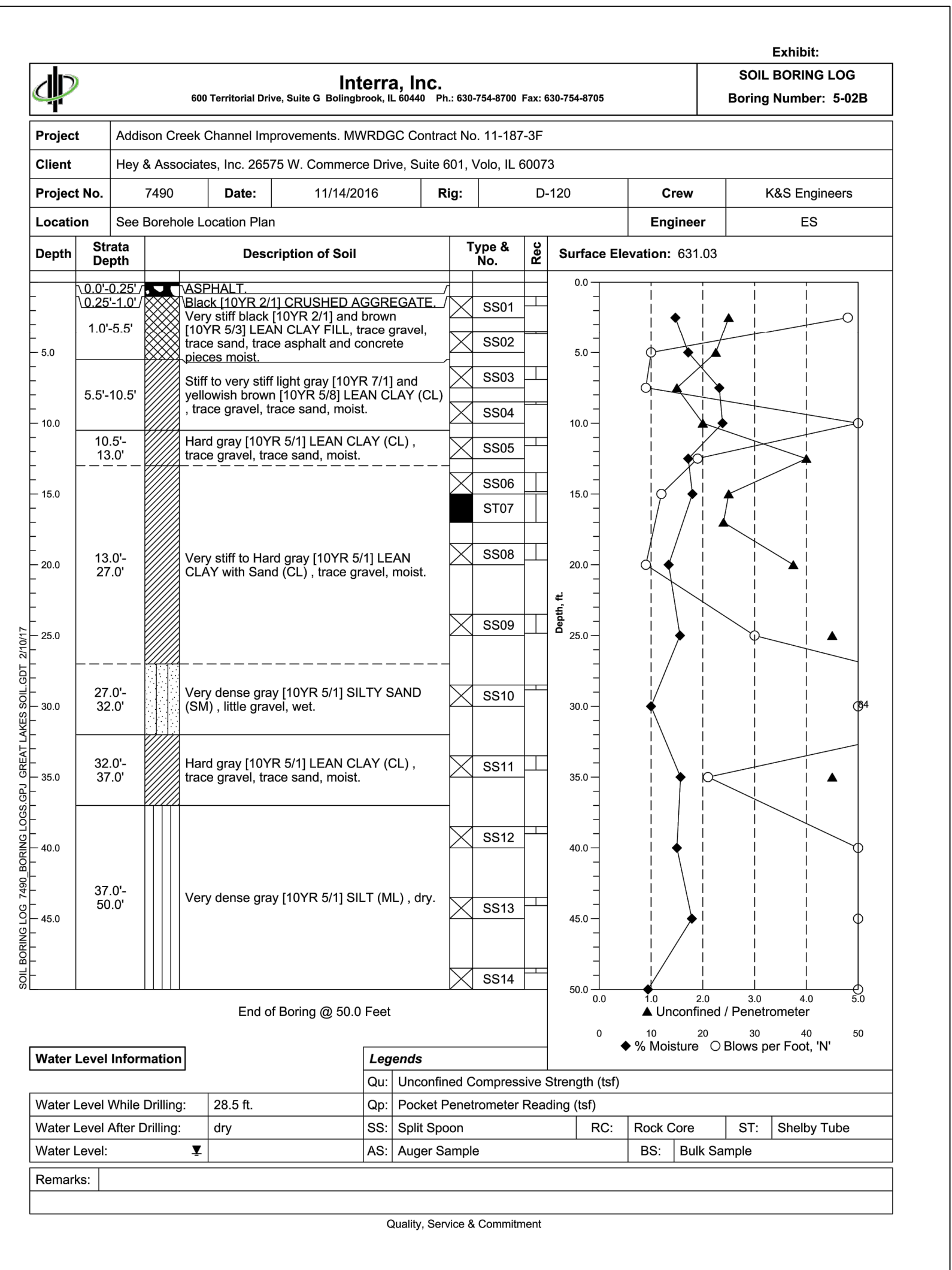
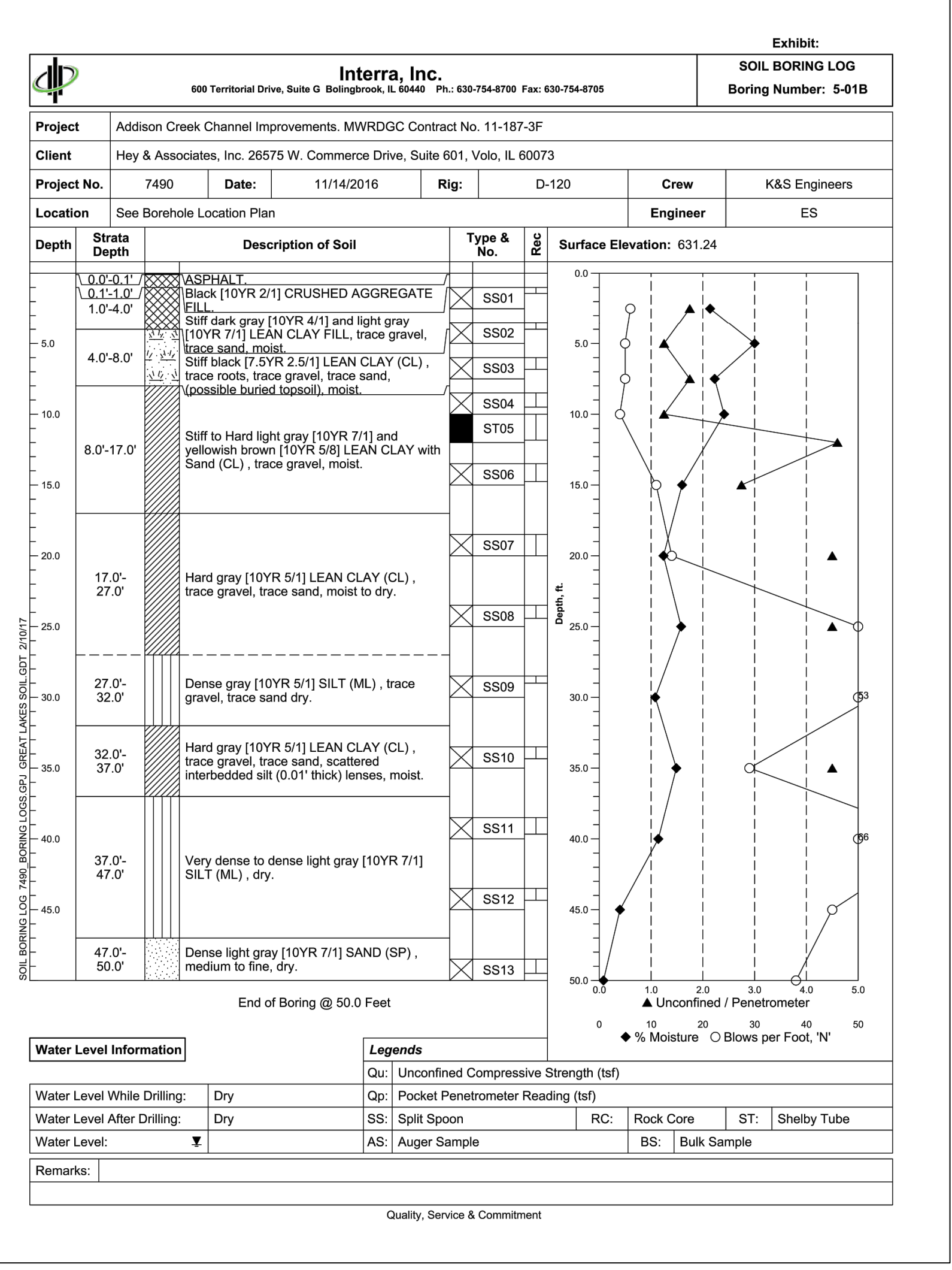
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SOIL BORING LOGS - REACH 4

Sheet Number:
CB-112
 Page Number: **36**



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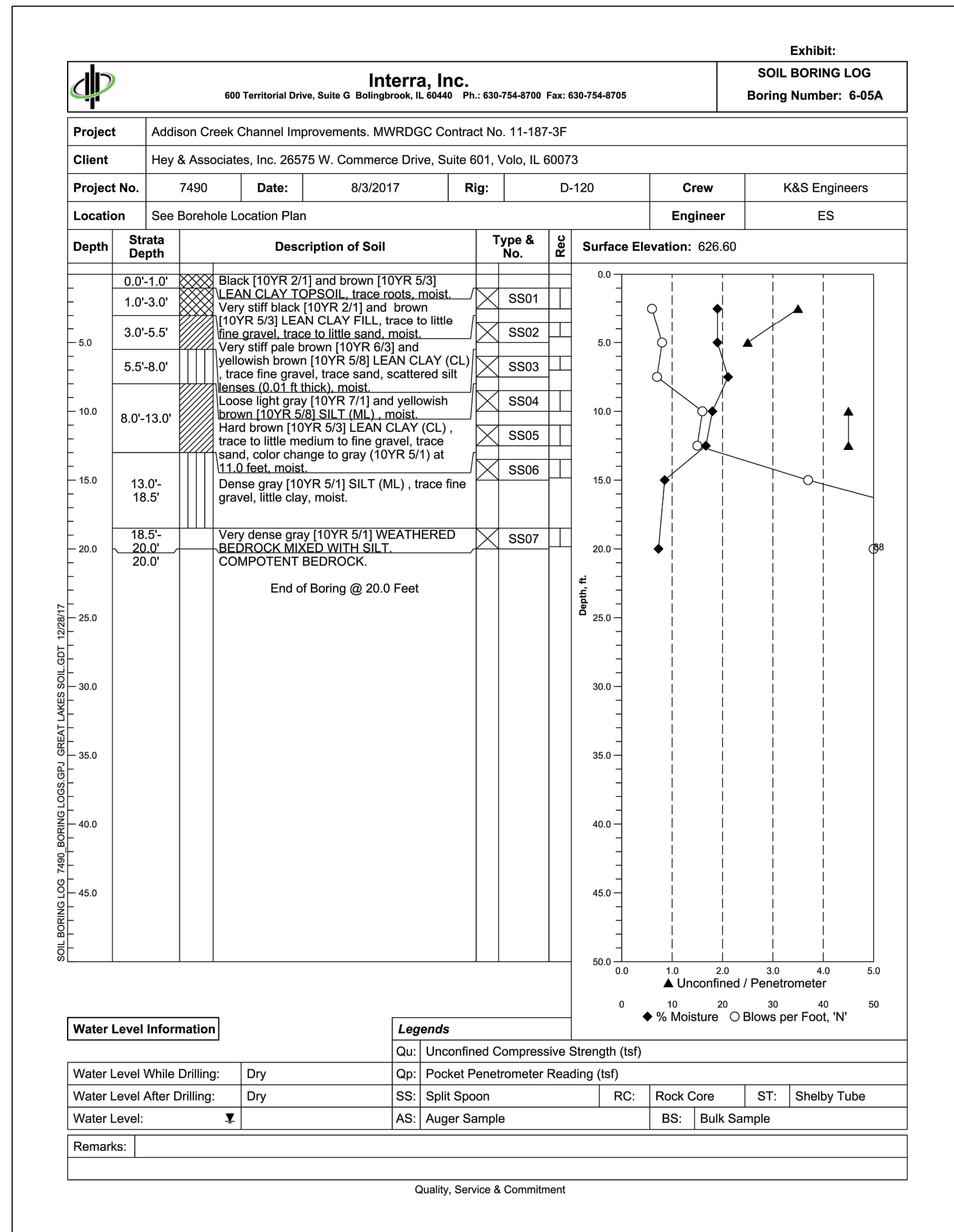
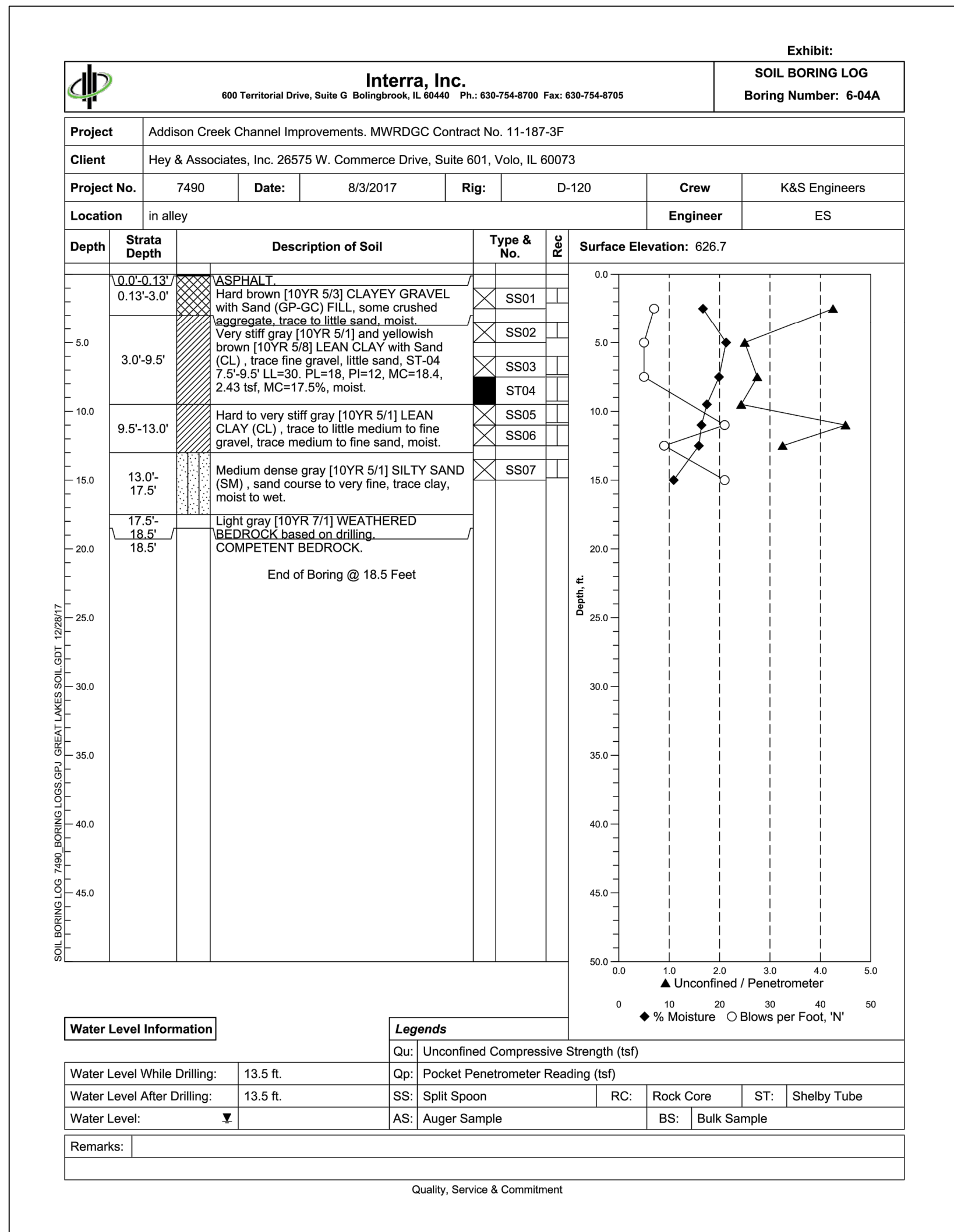
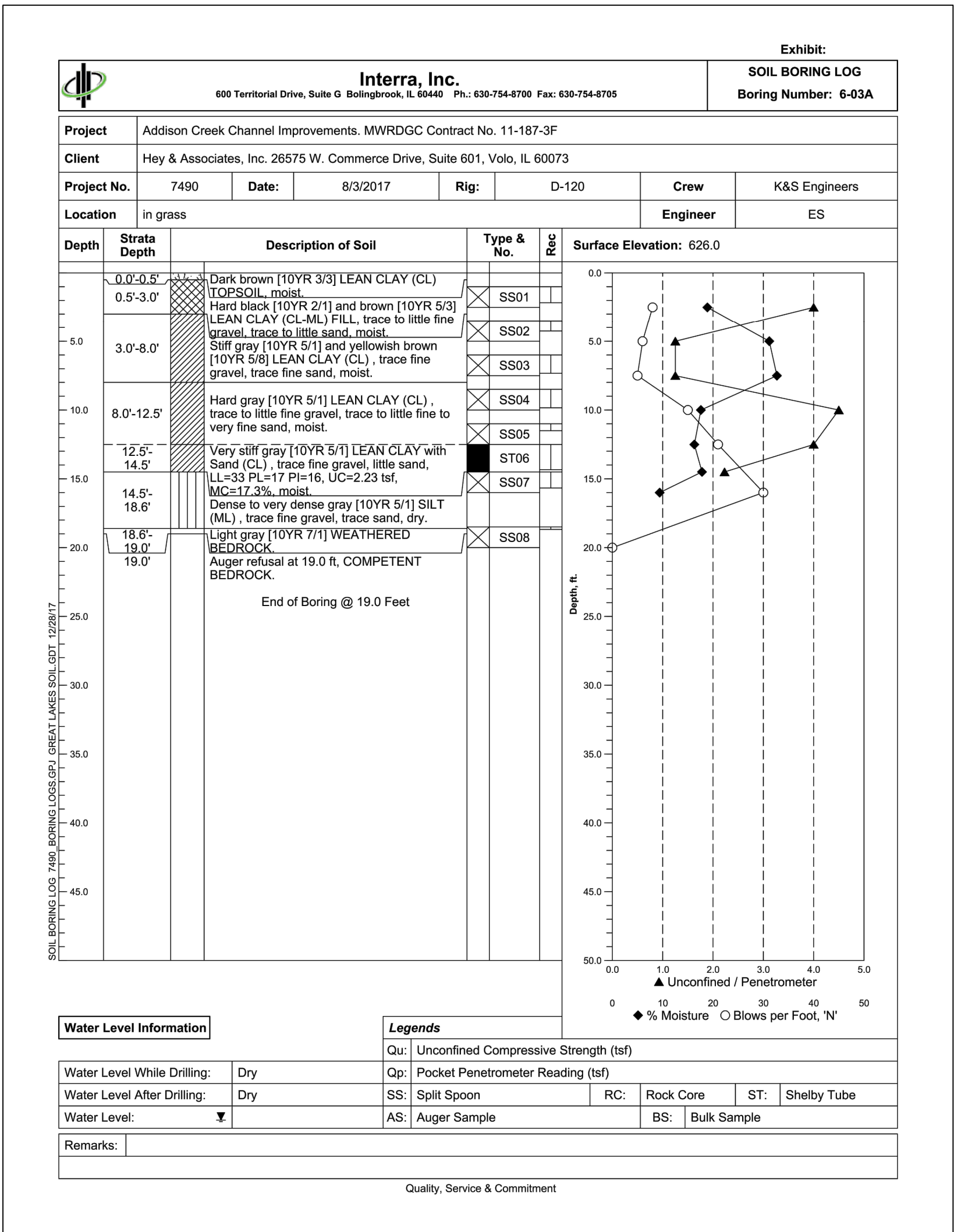
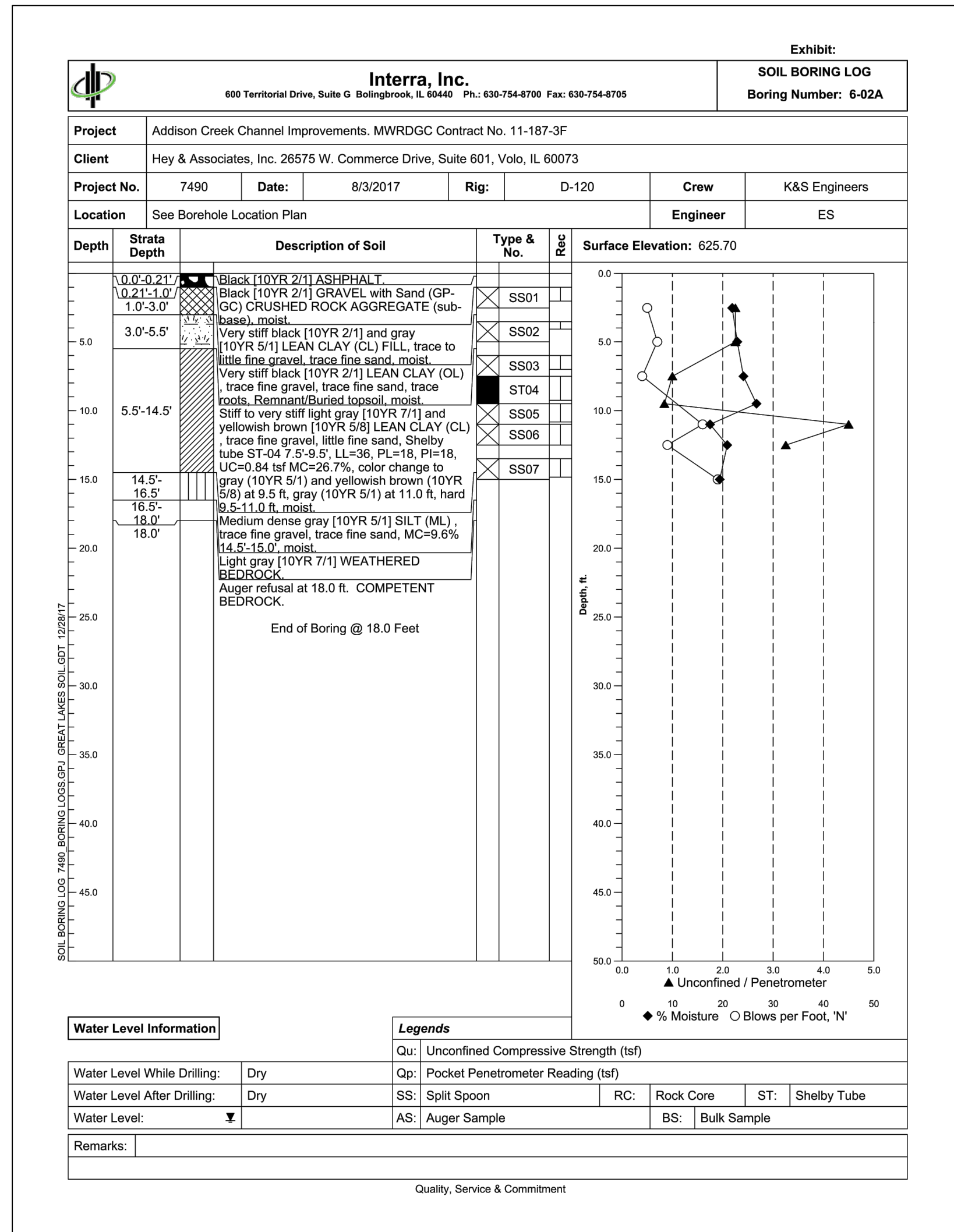
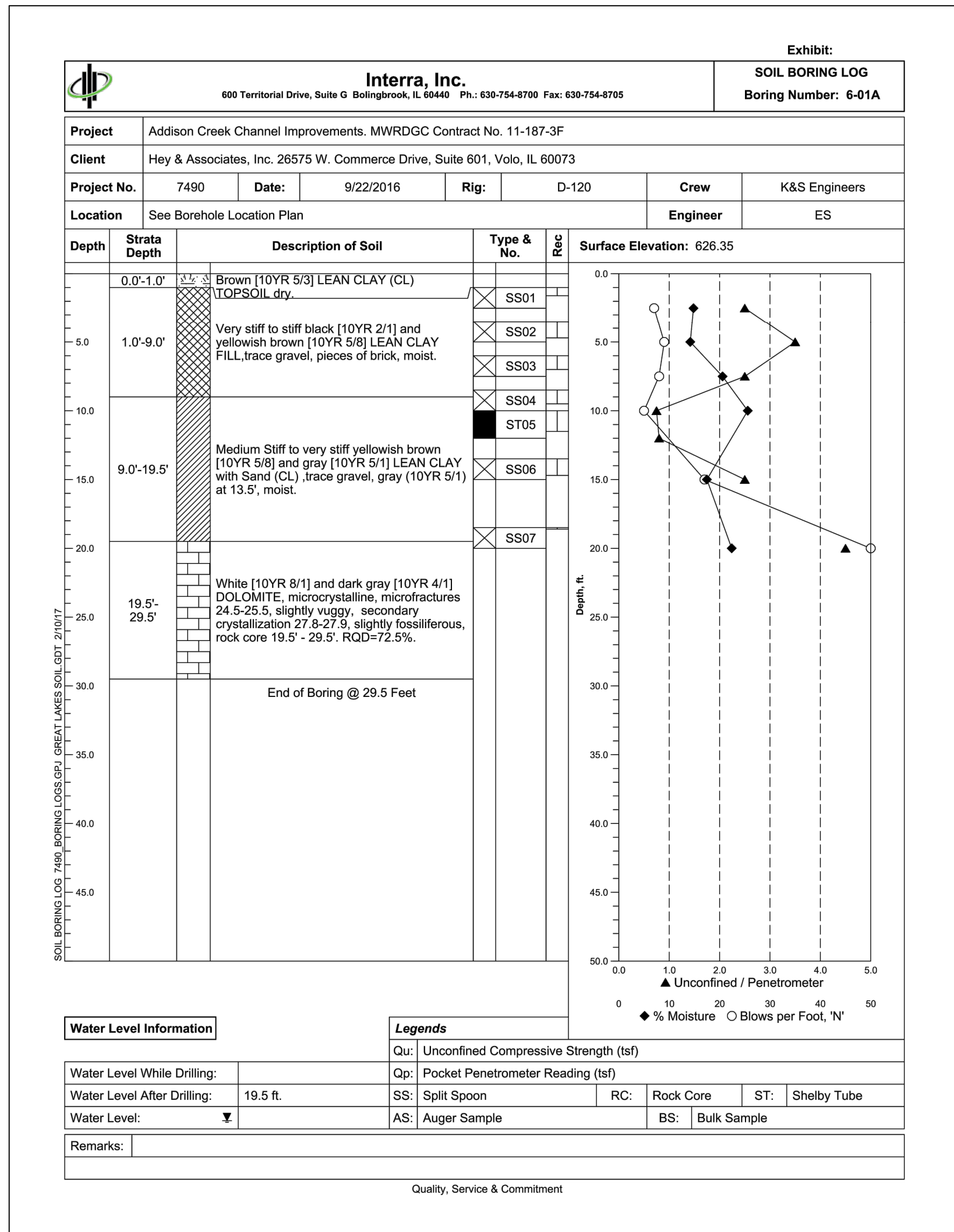
CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

SOIL BORING LOGS - REACH 5



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Page Number: 37

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ADDISON CREEK CHANNEL IMPROVEMENTS

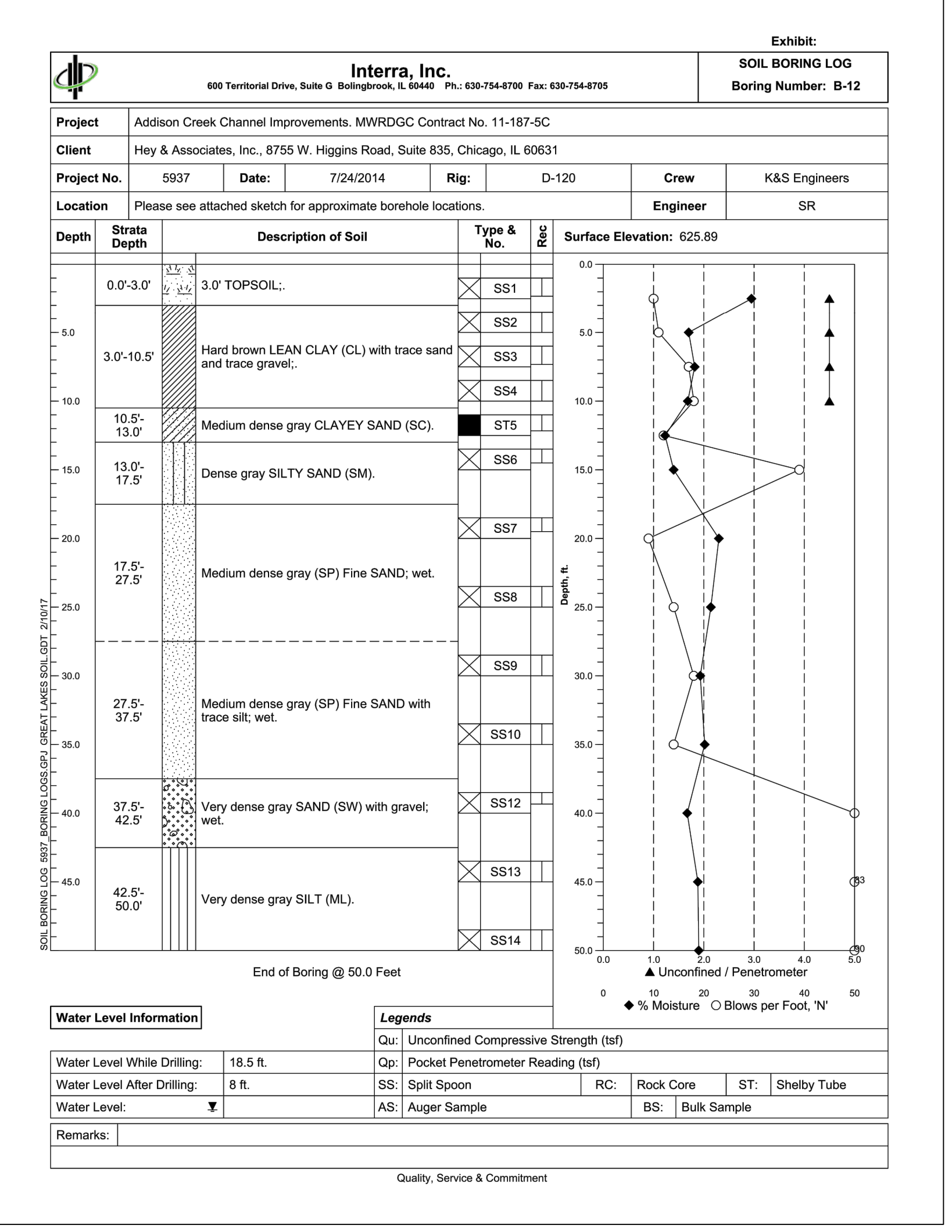
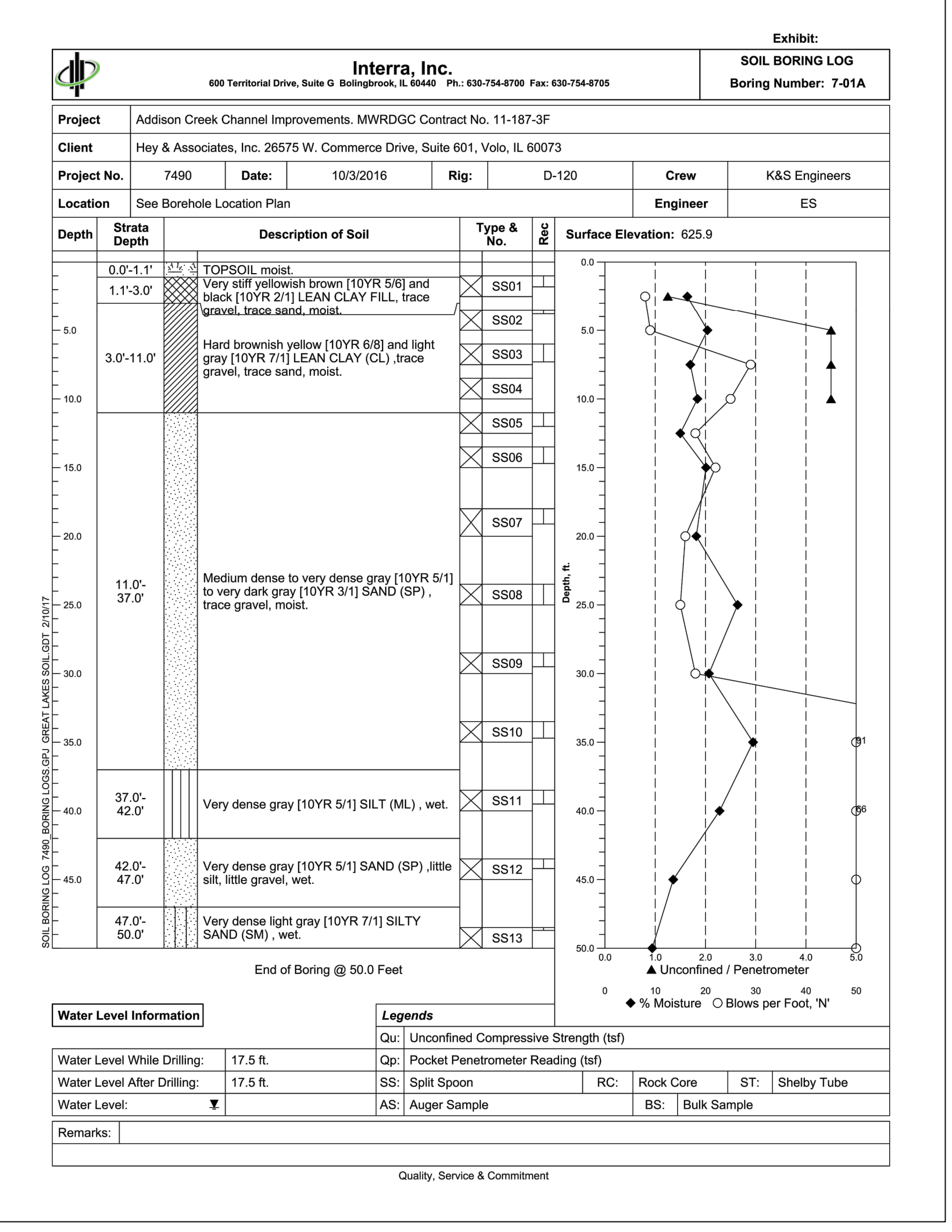
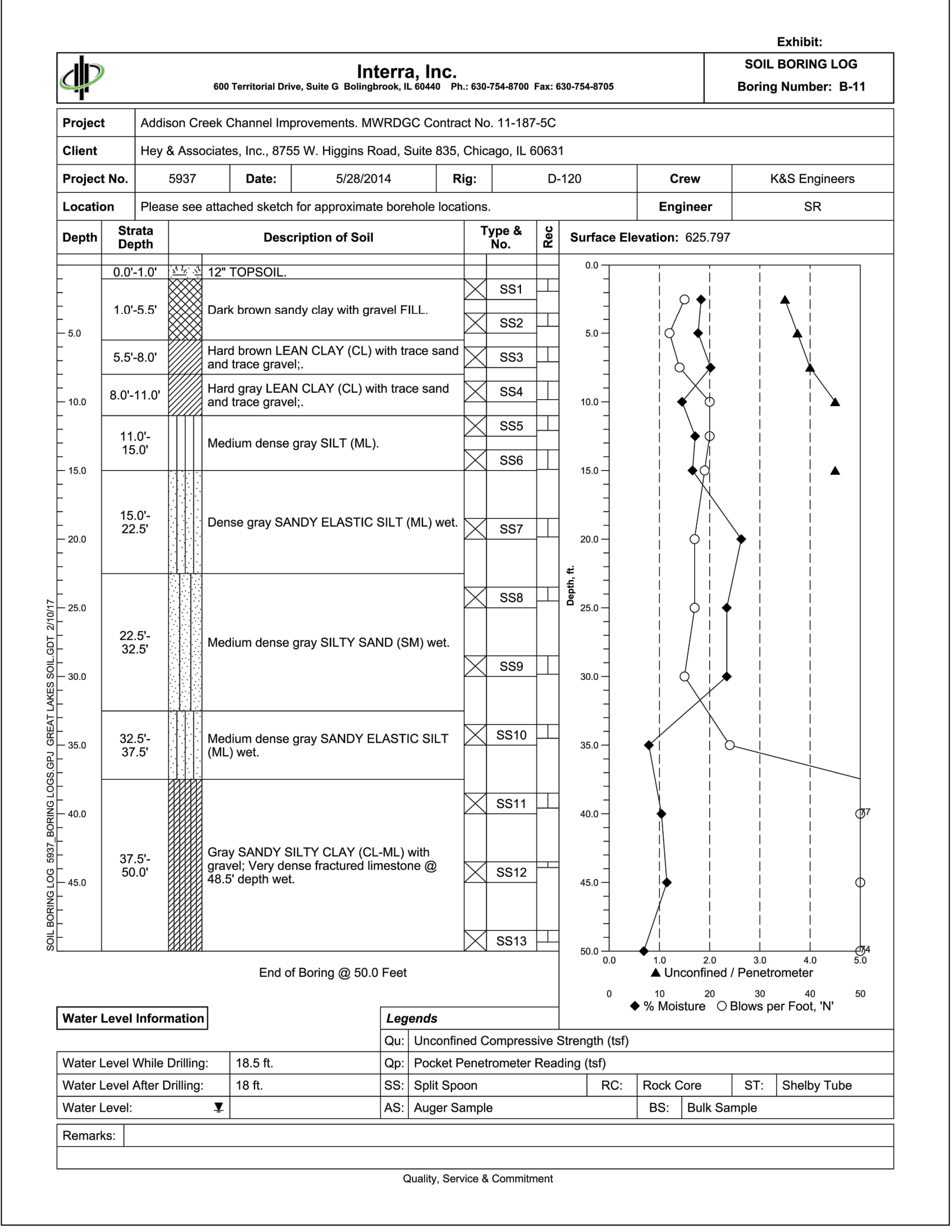
SOIL BORING LOGS - REACH 6

Sheet Number:

CB-114

Page Number: 38





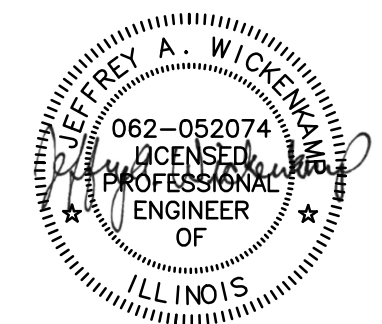
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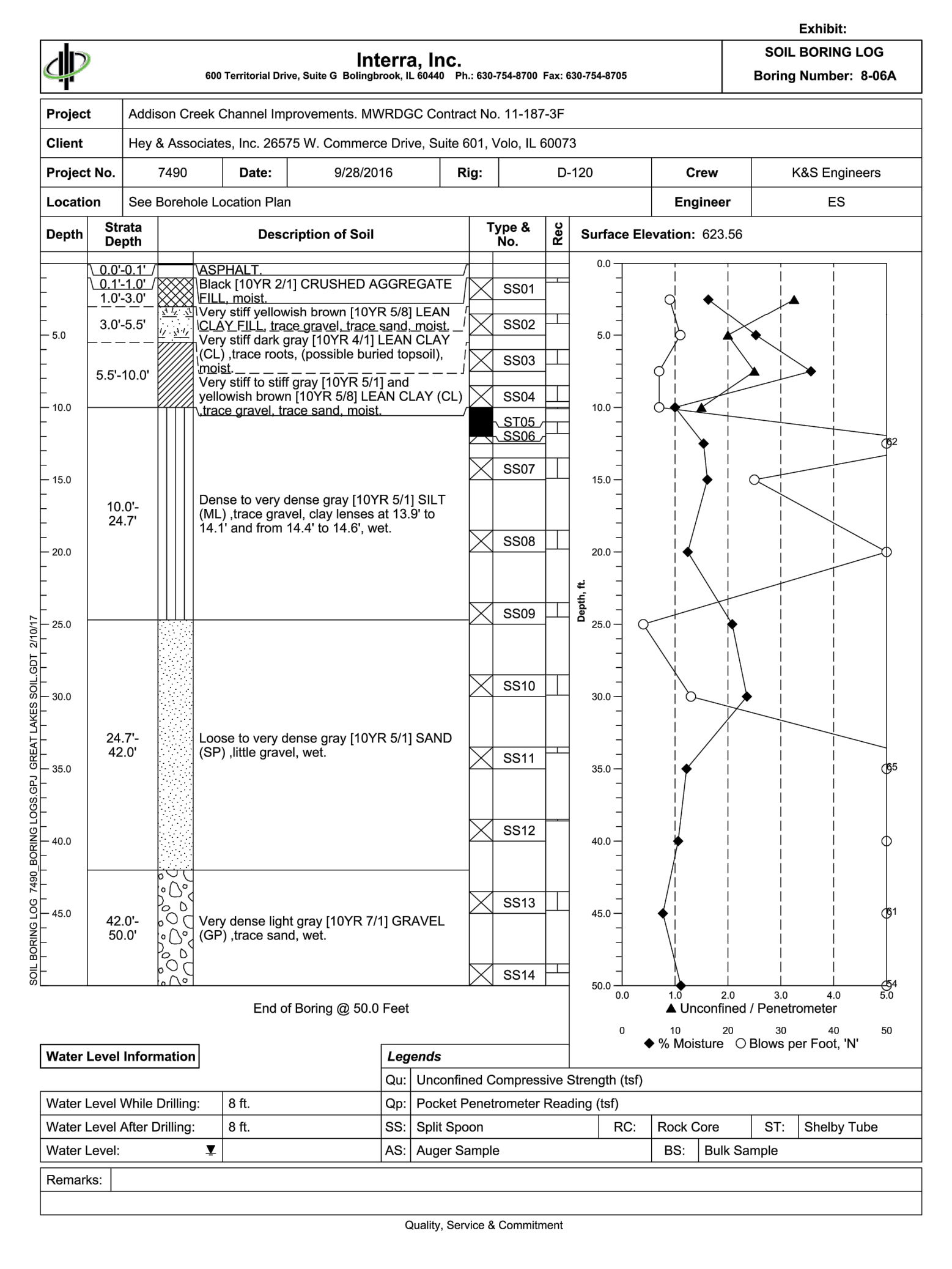
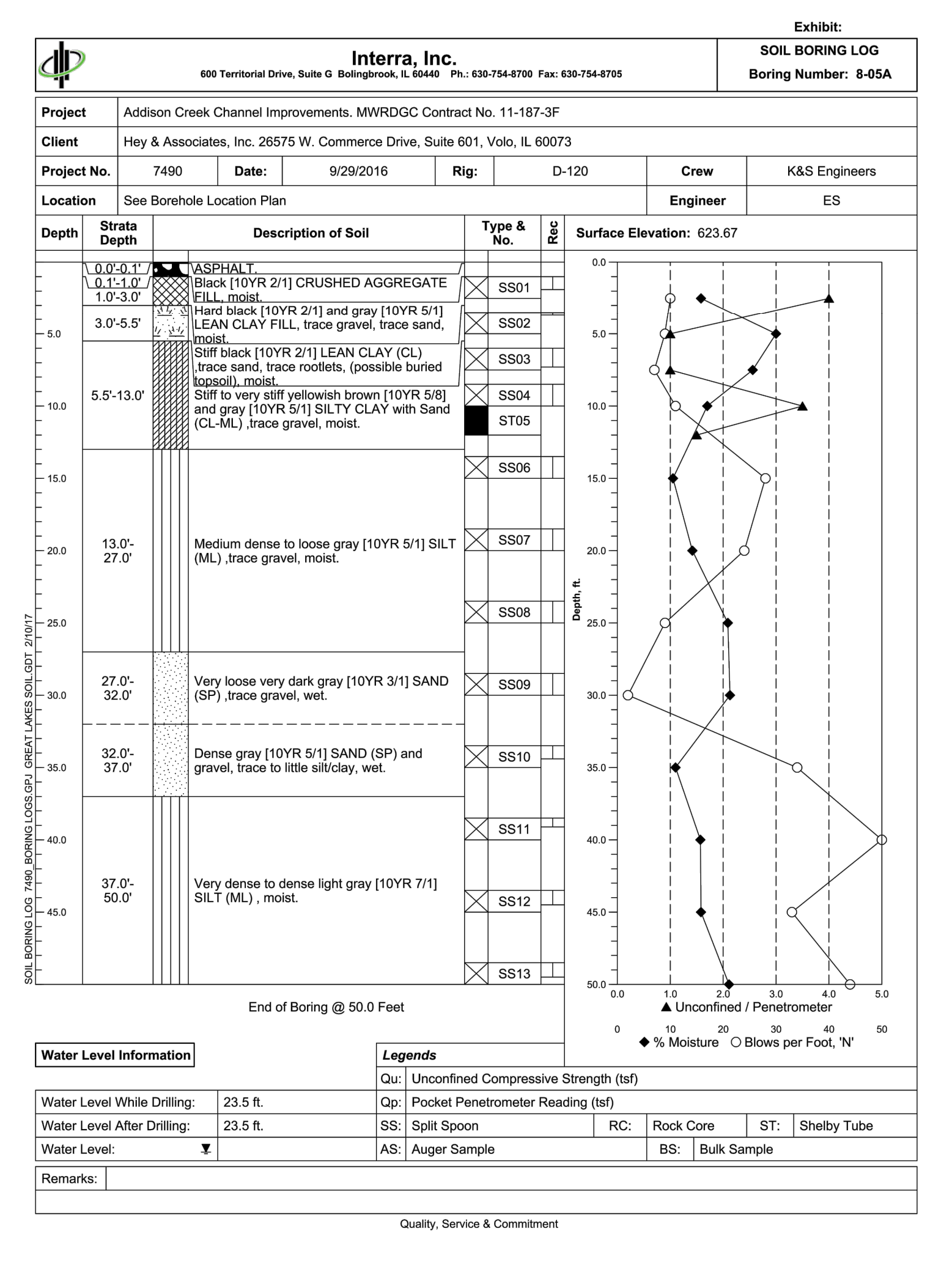
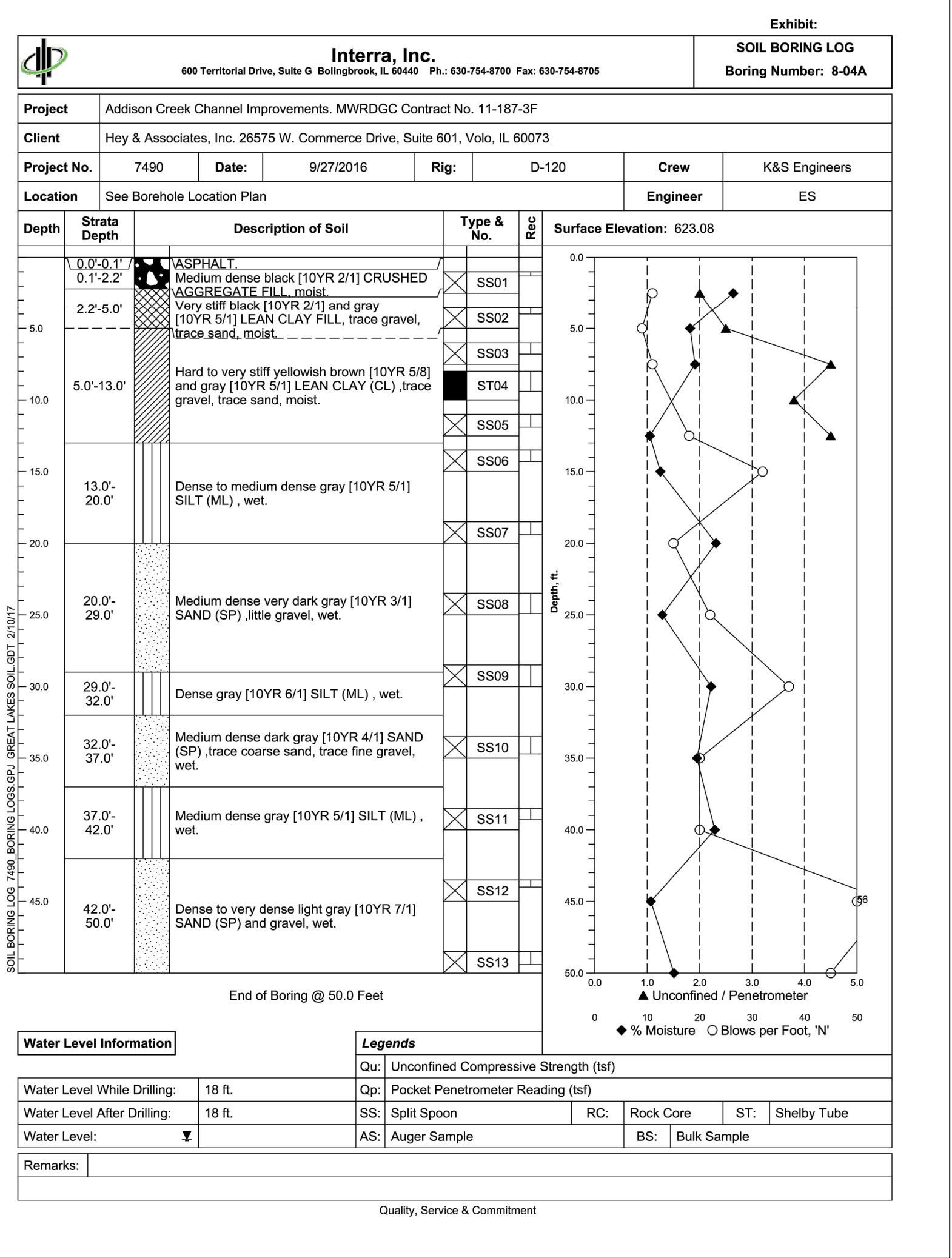
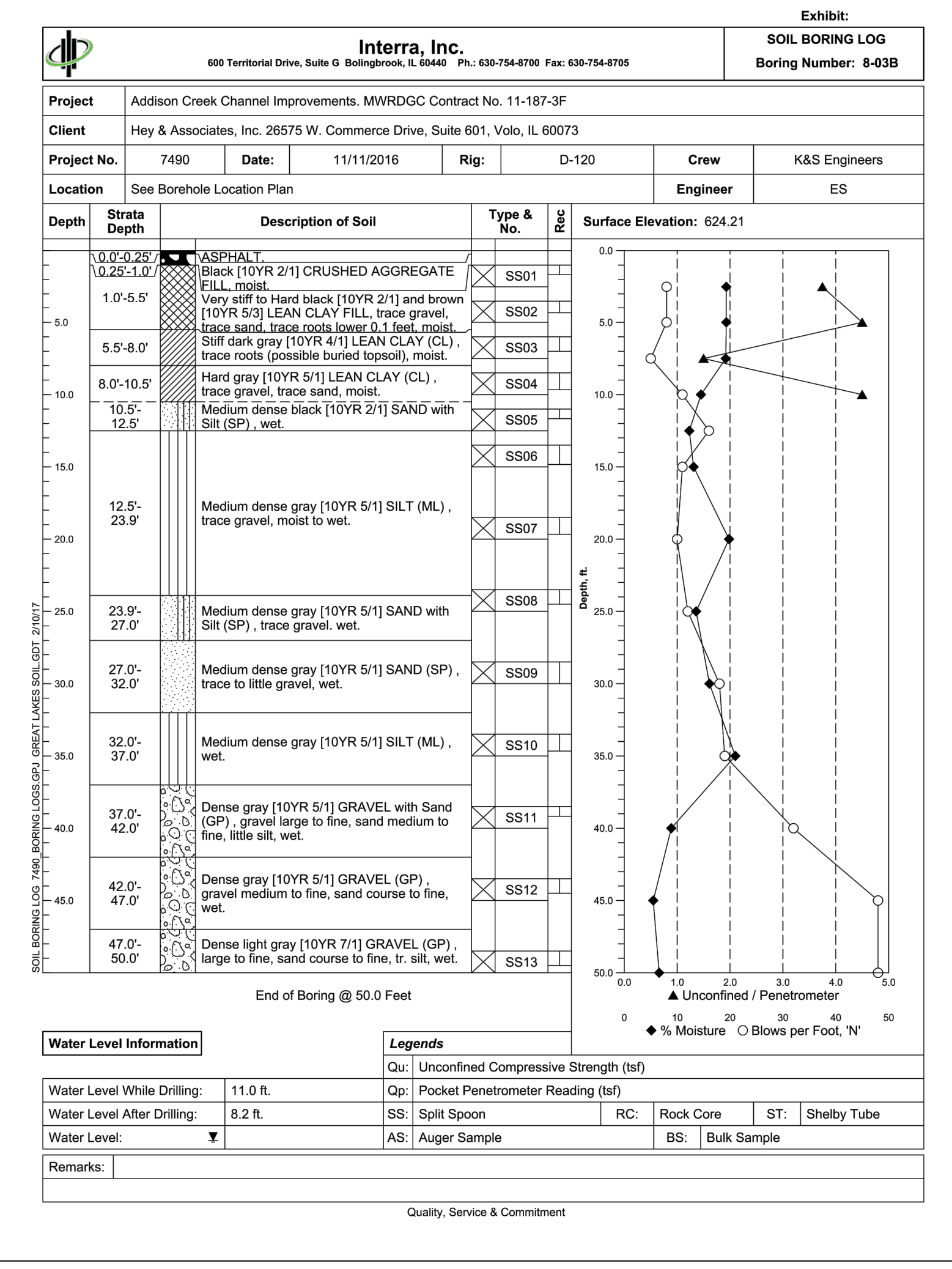
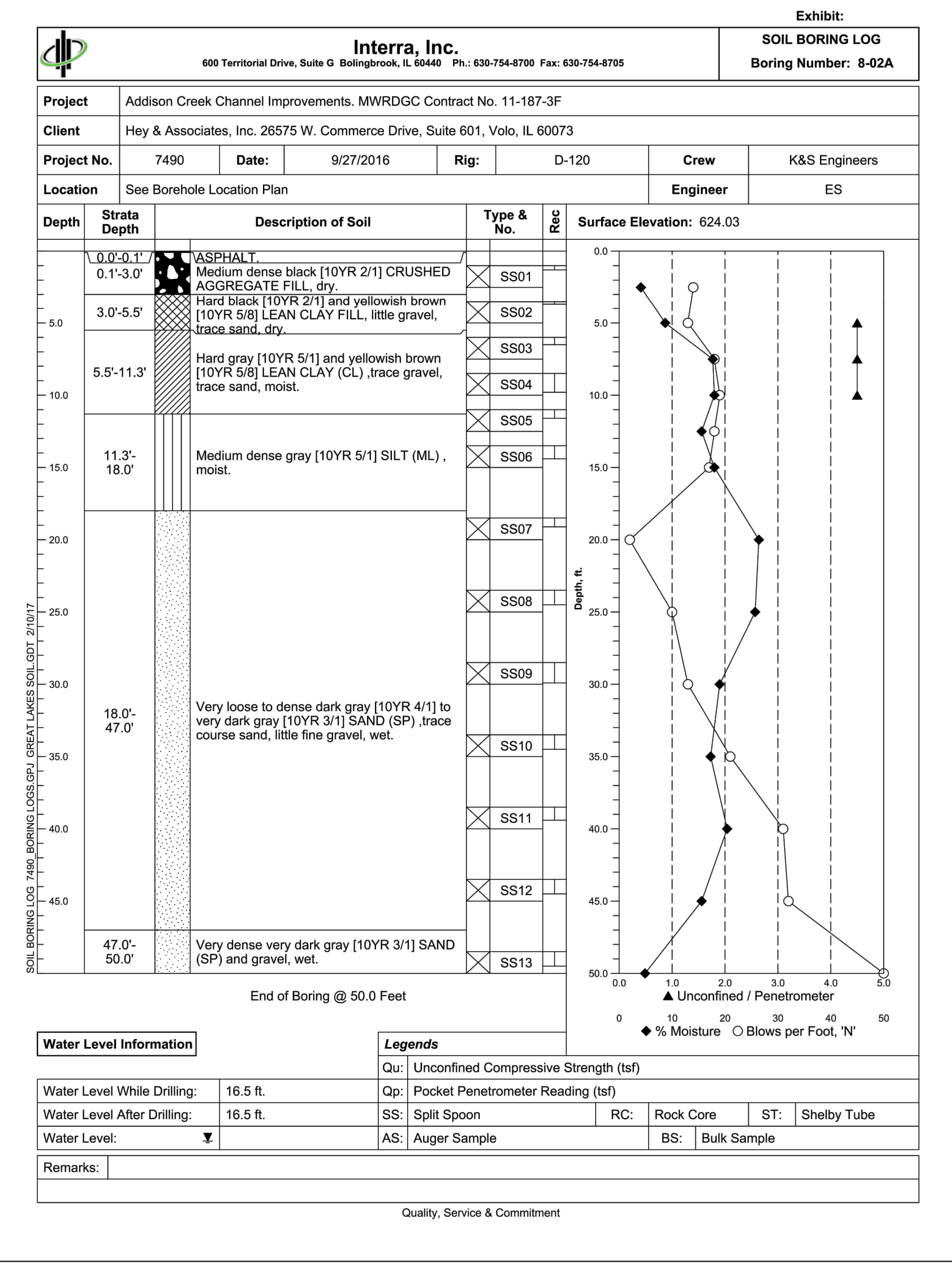
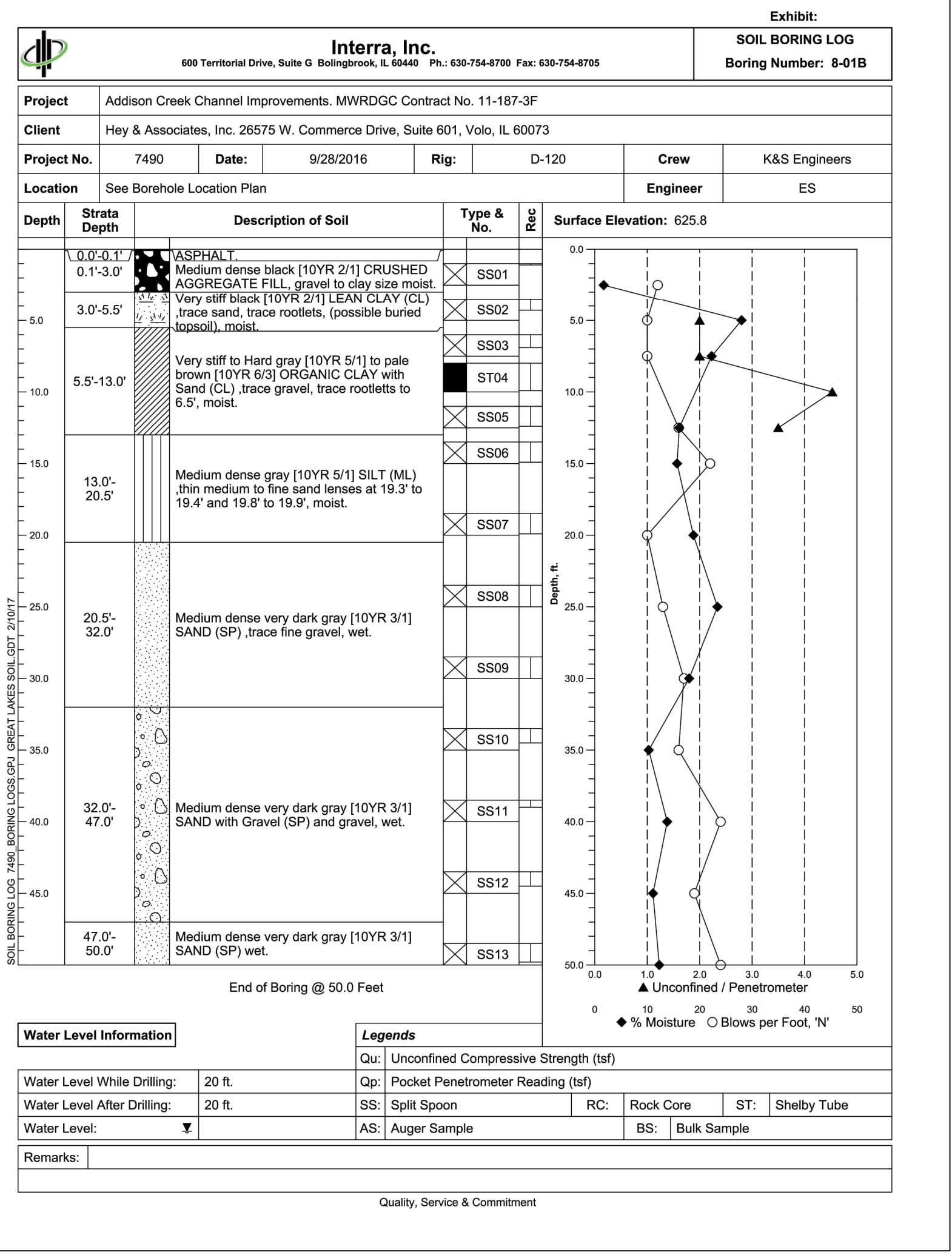
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ADDISON CREEK CHANNEL IMPROVEMENTS

SOIL BORING LOGS - REACH 7



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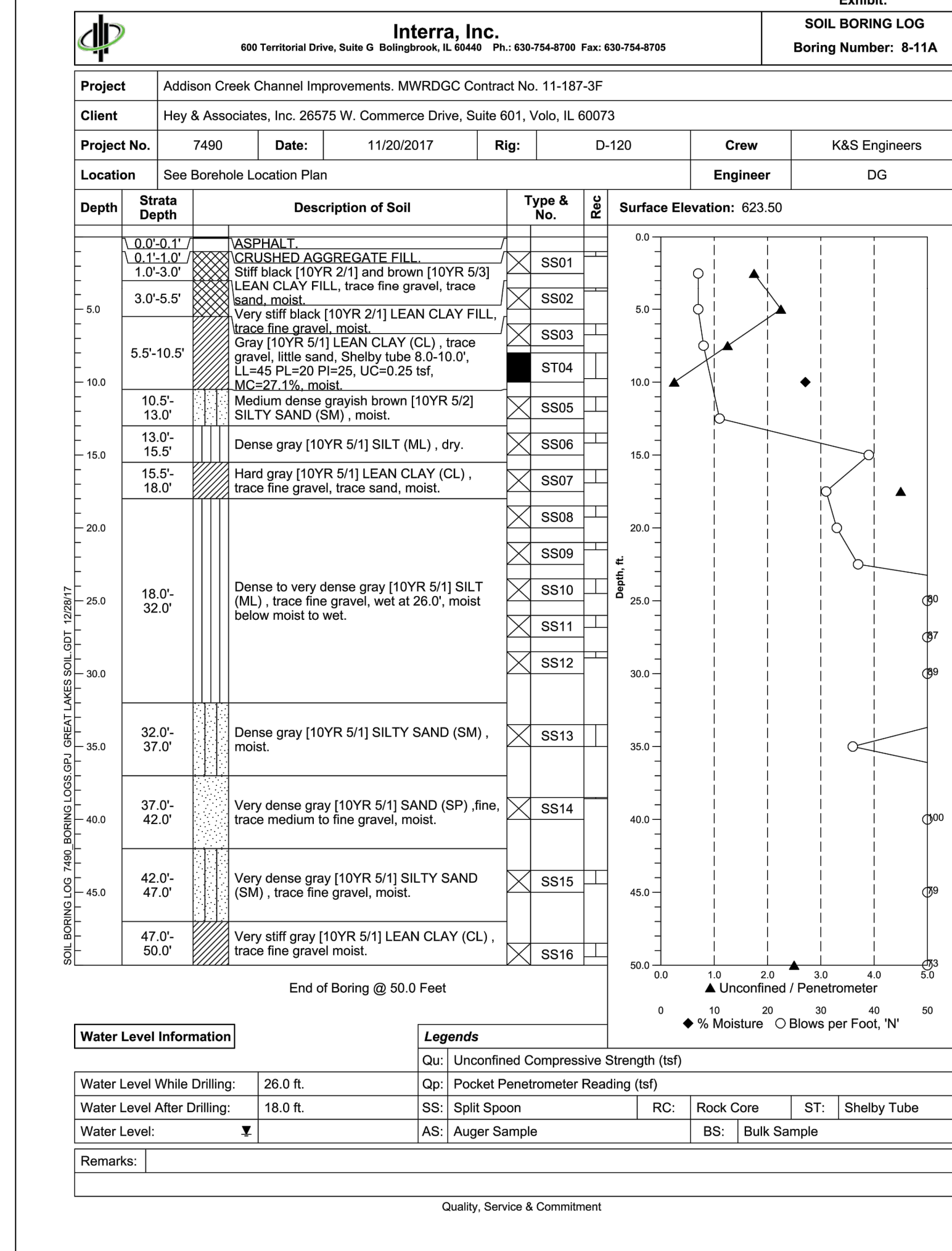
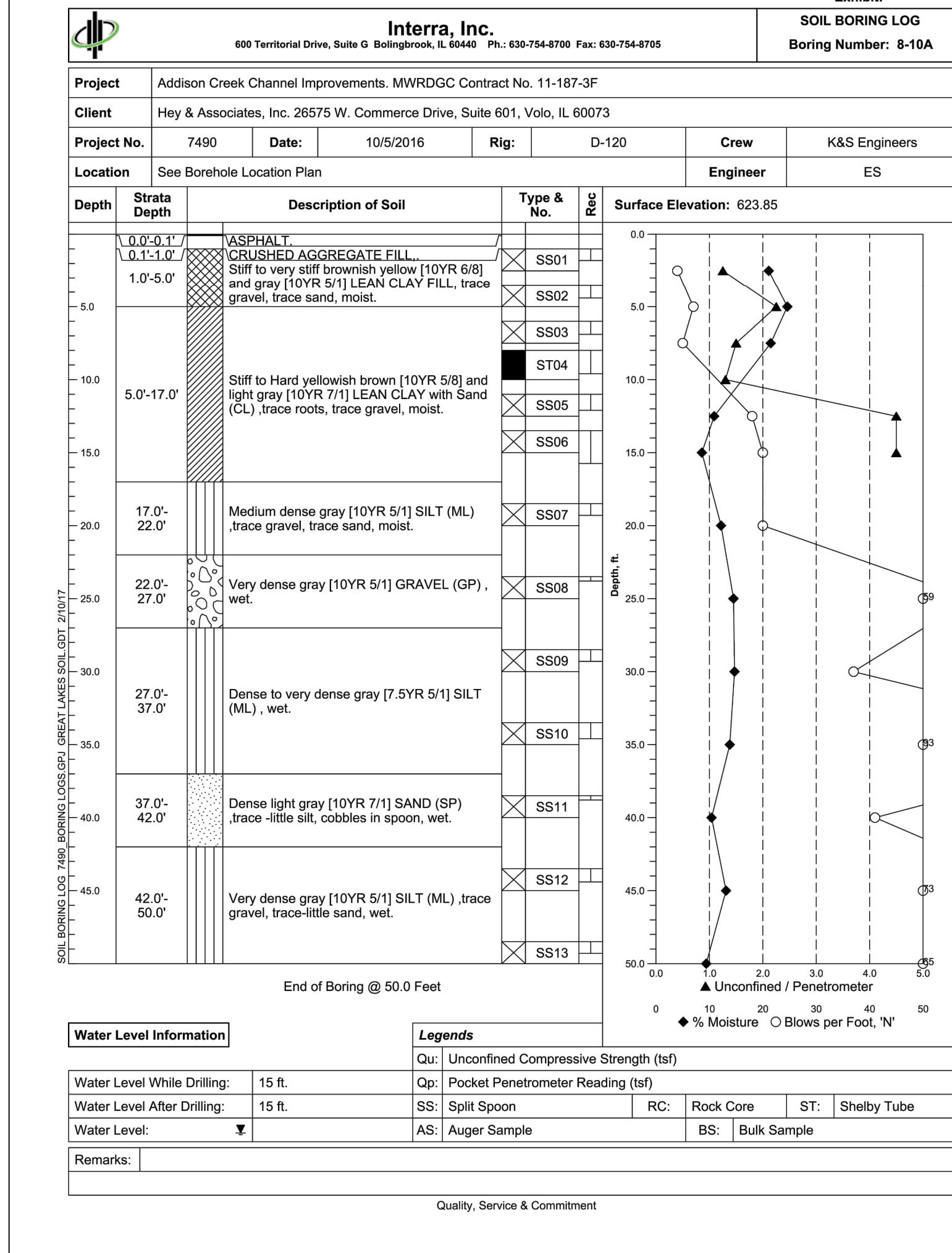
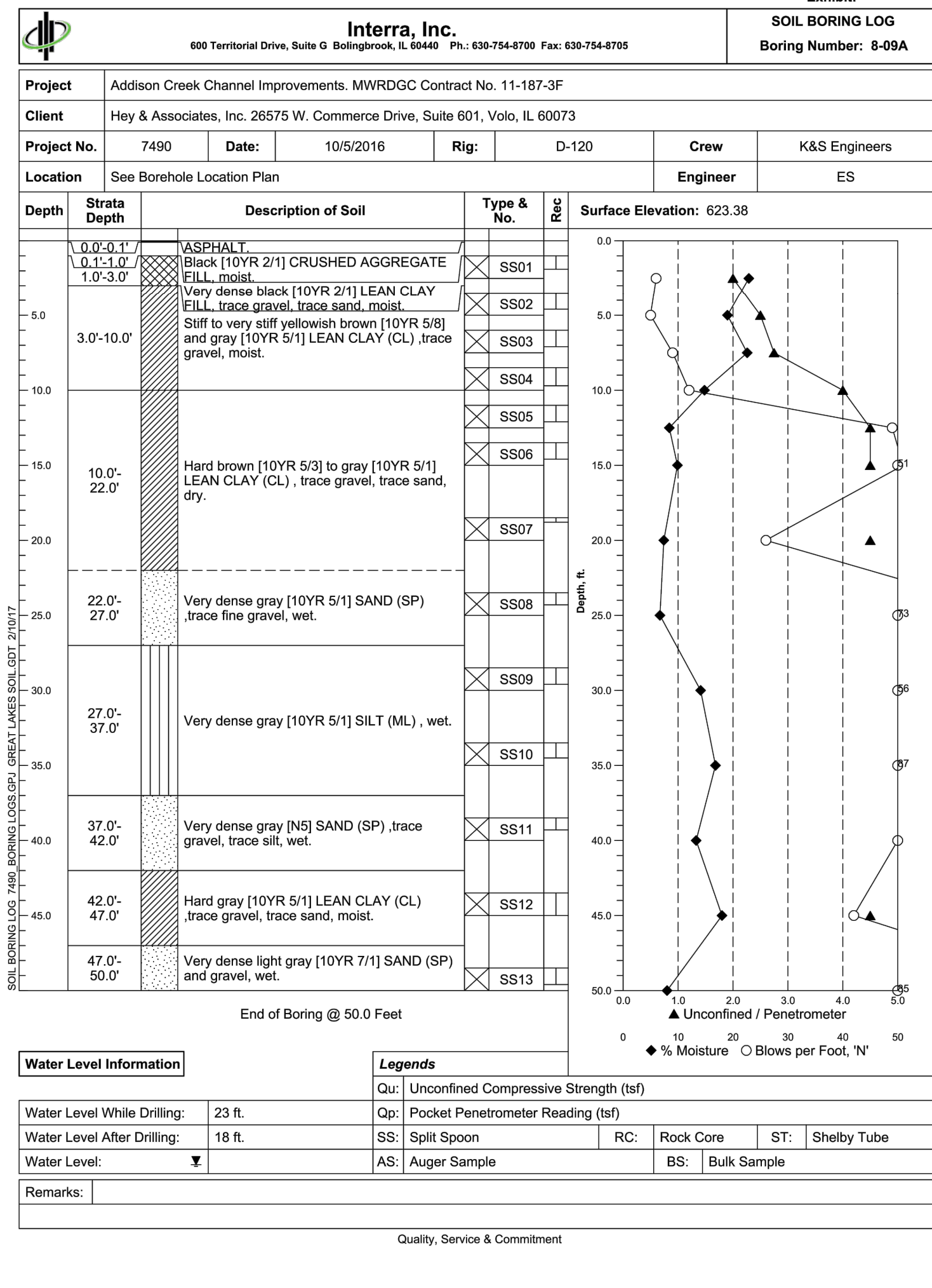
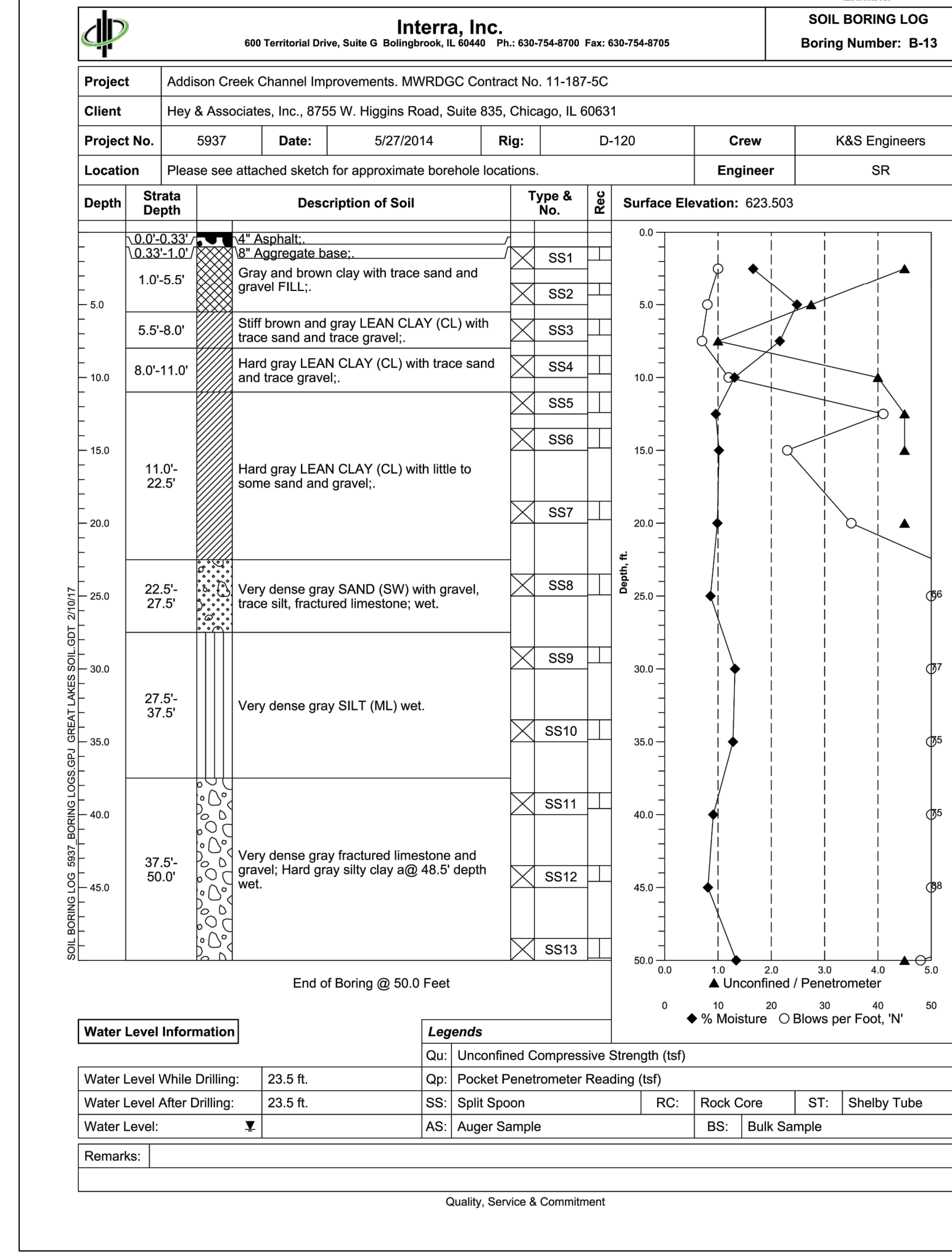
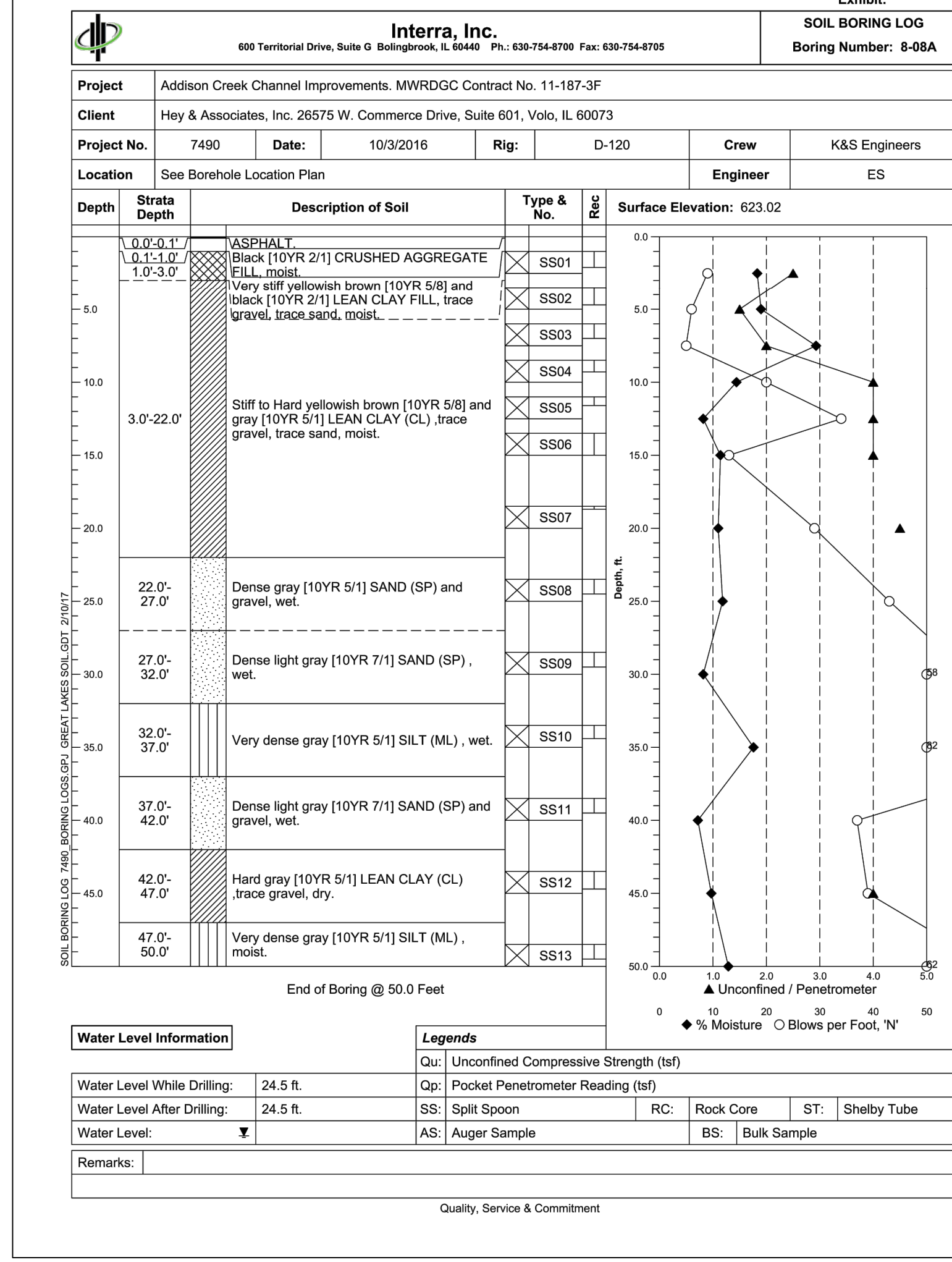
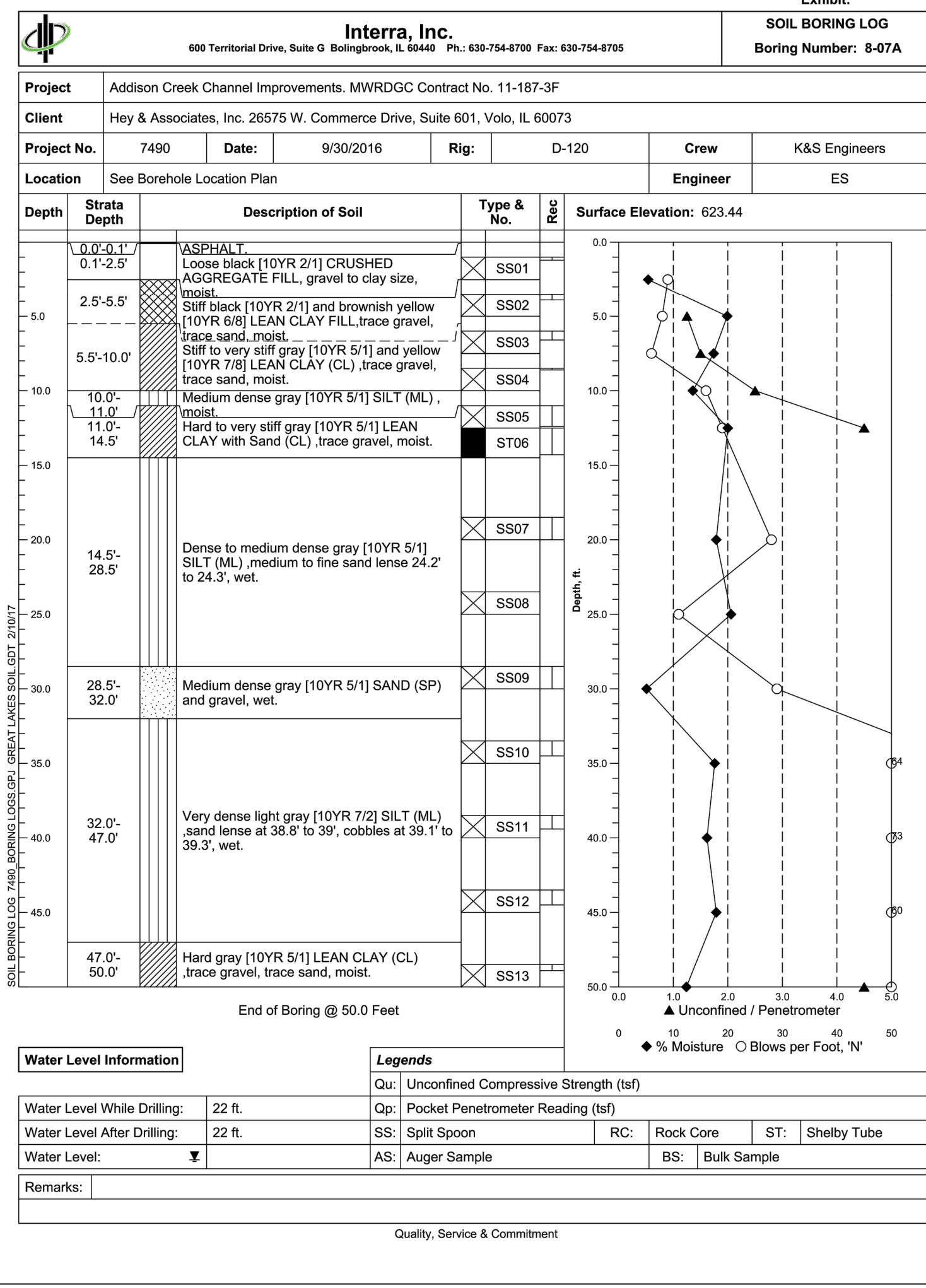
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SOIL BORING LOGS - REACH 8

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 Page Number: 40

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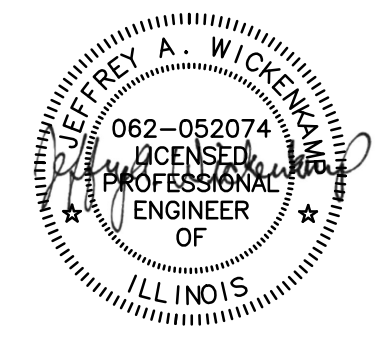
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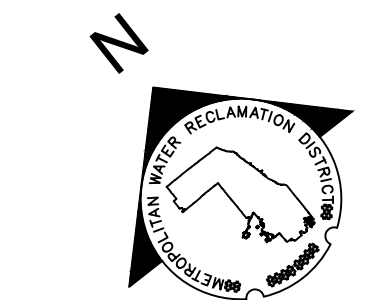
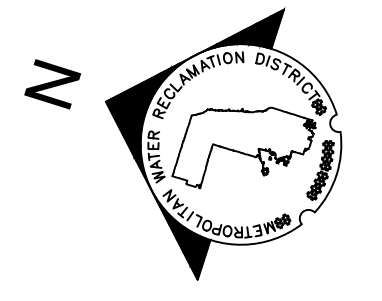
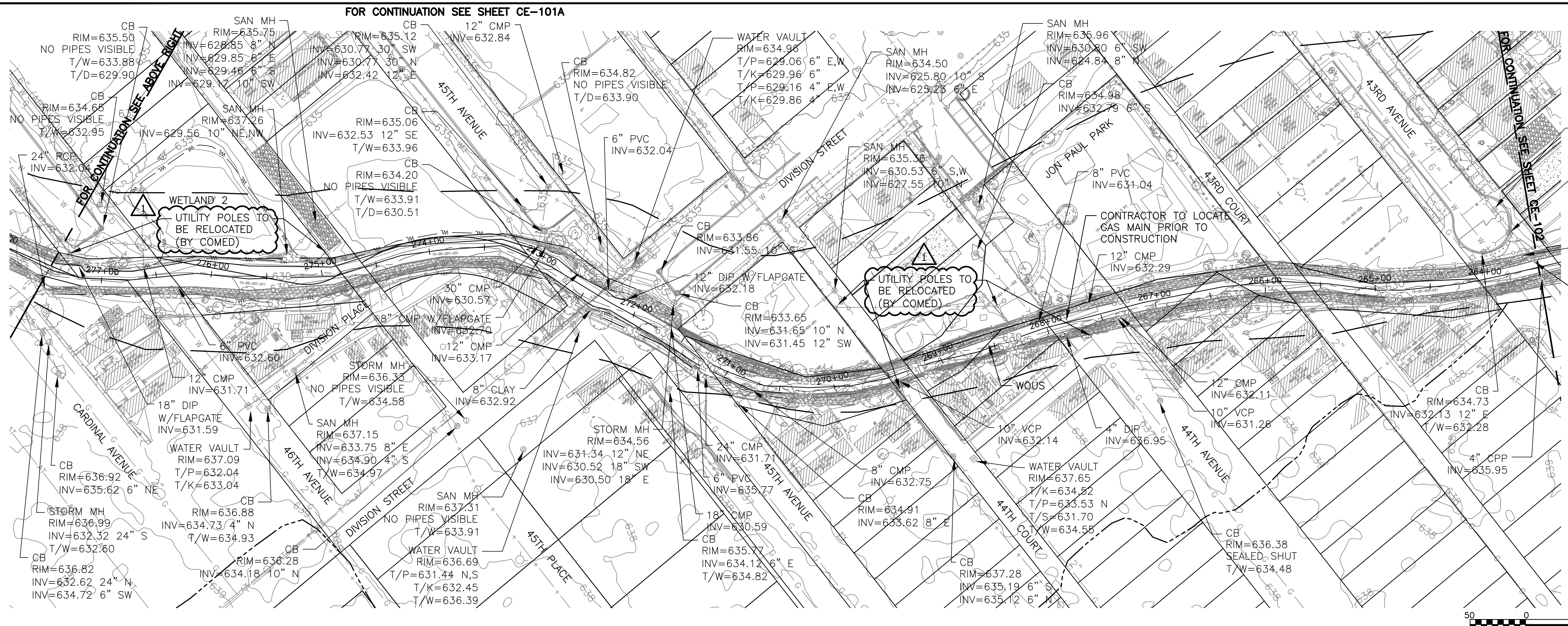
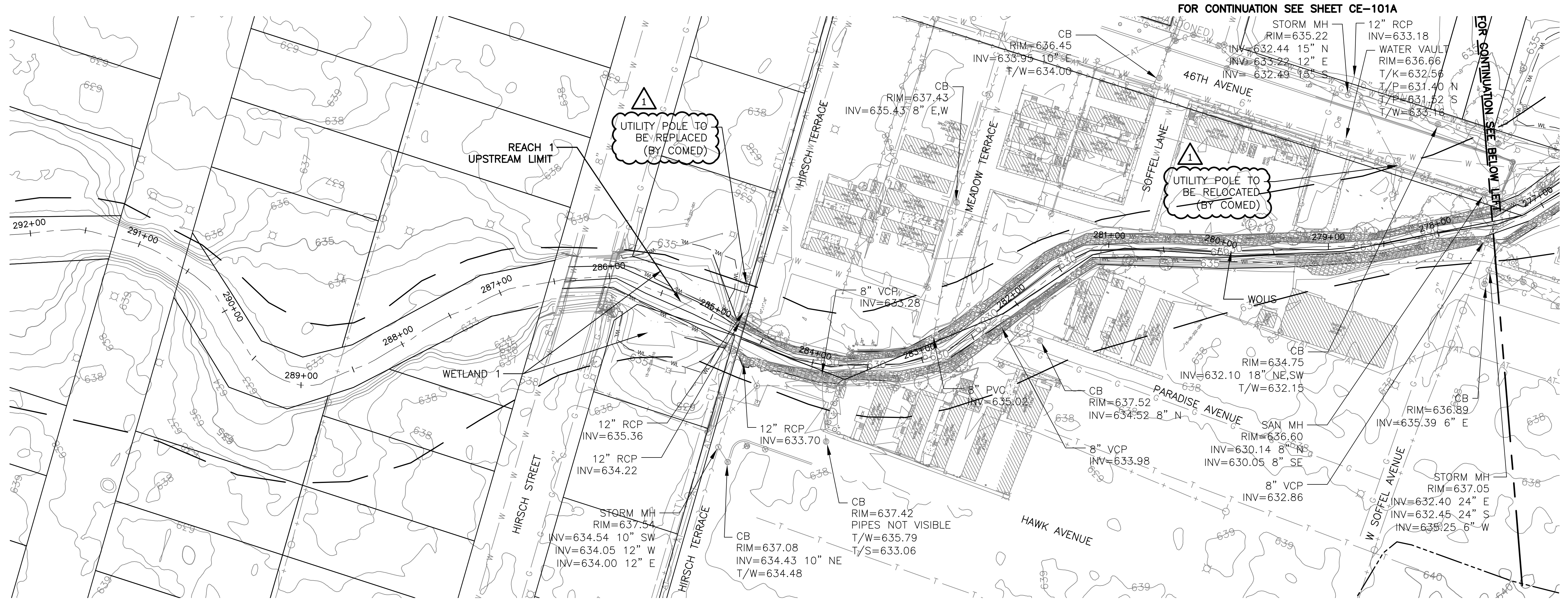
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 ADDISON CREEK CHANNEL IMPROVEMENTS

SOIL BORING LOGS - REACH 8





Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

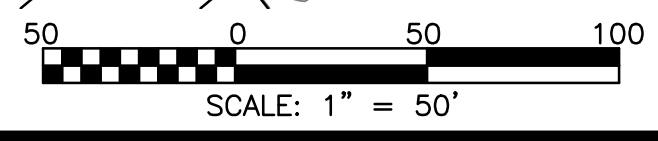
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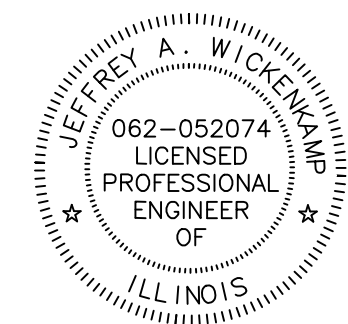
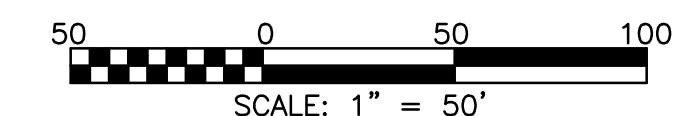
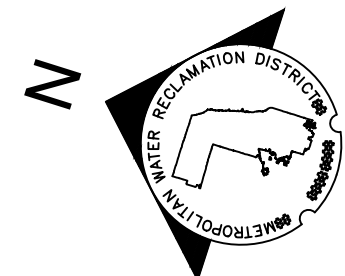
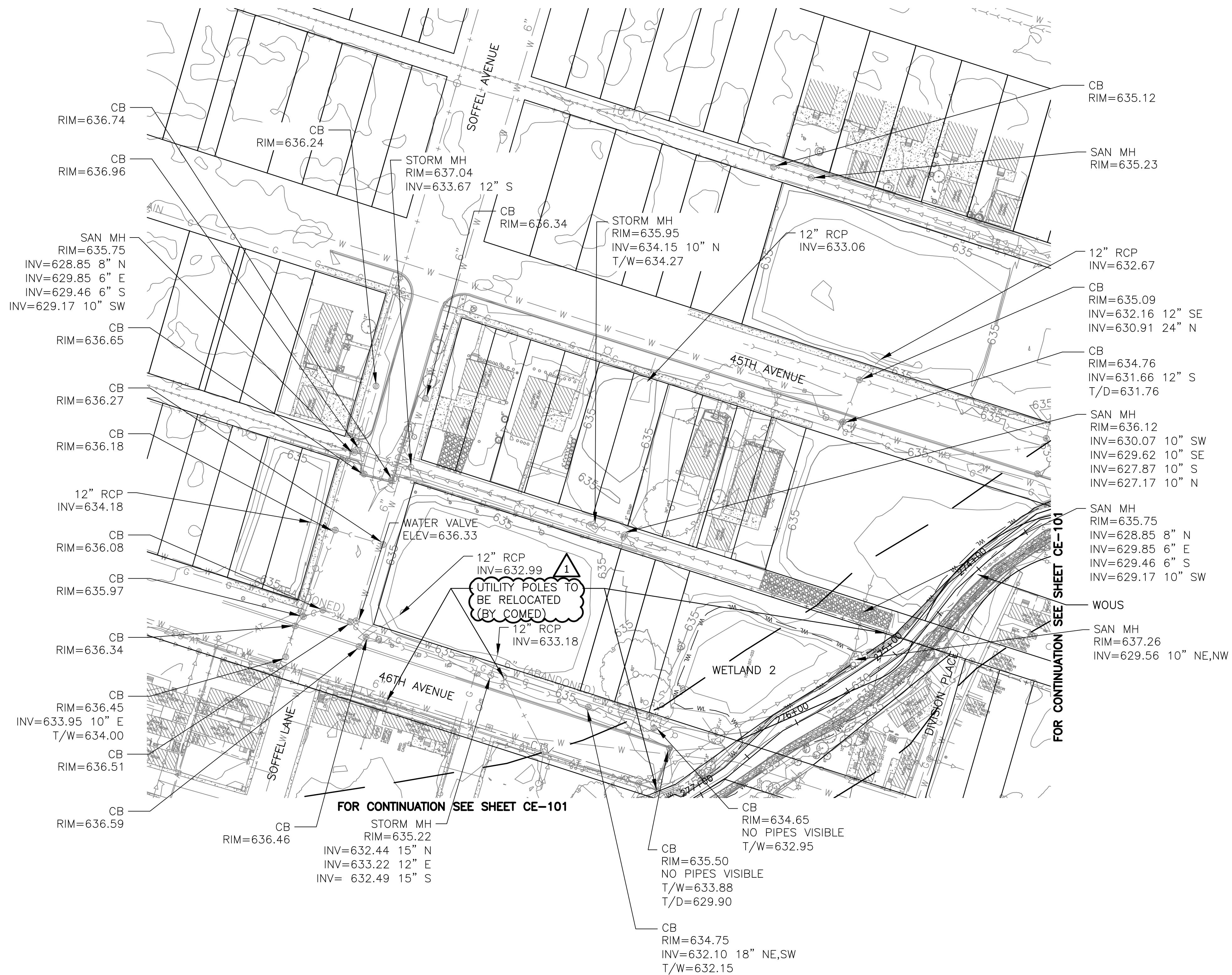
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

EXISTING CONDITIONS - REACH 1
 STA. 286+00 TO STA. 263+50

Sheet Number:
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Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

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CHECKED BY: PML
DRAWN BY: KSS
CORRECT: JAW

SCALE: AS SHOWN
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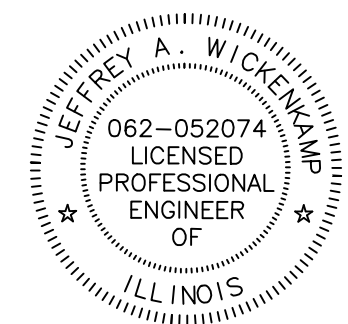
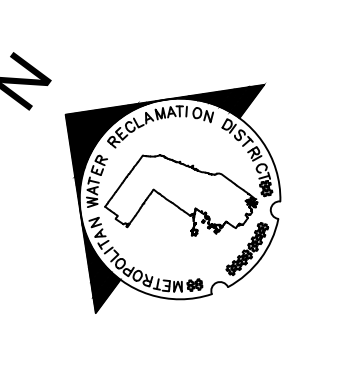
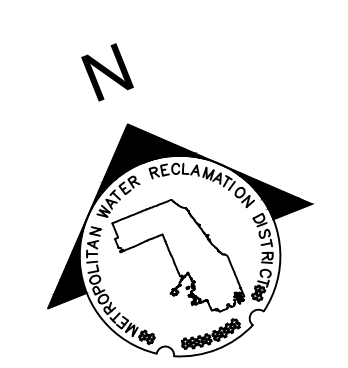
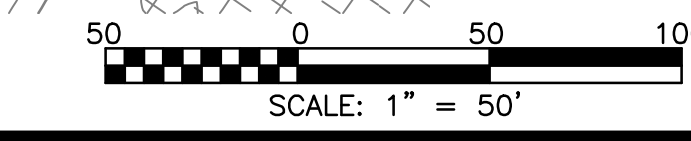
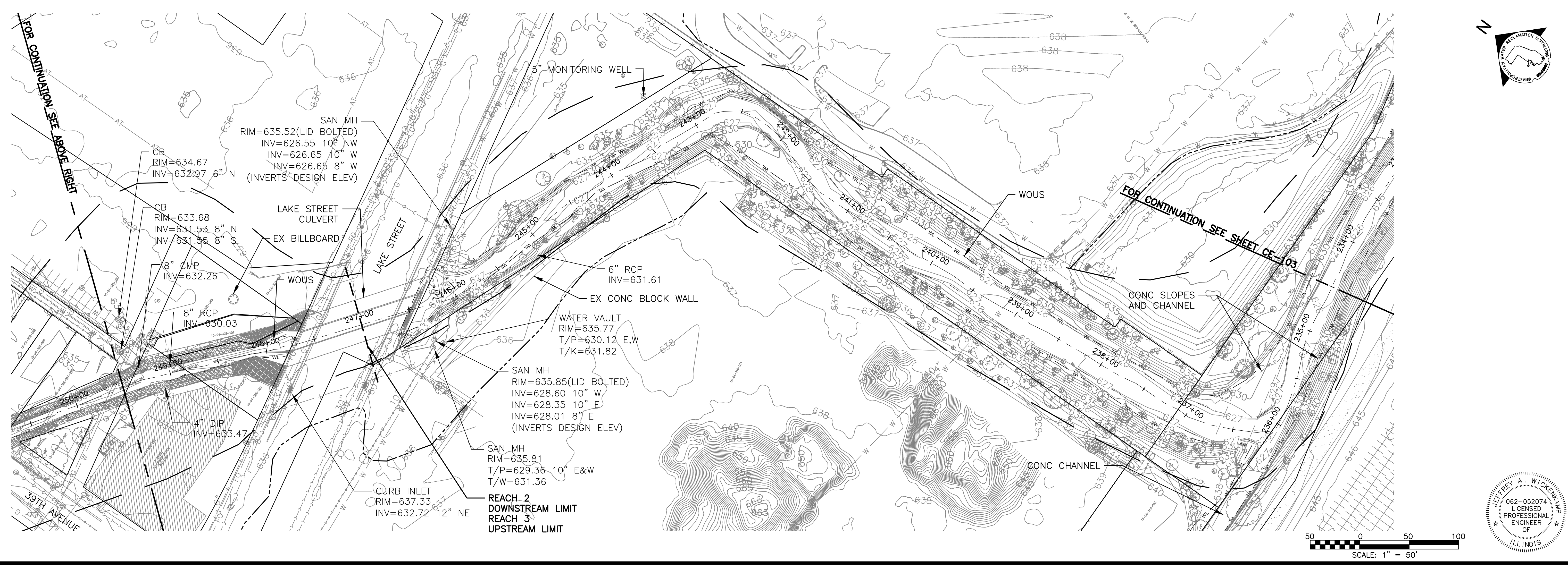
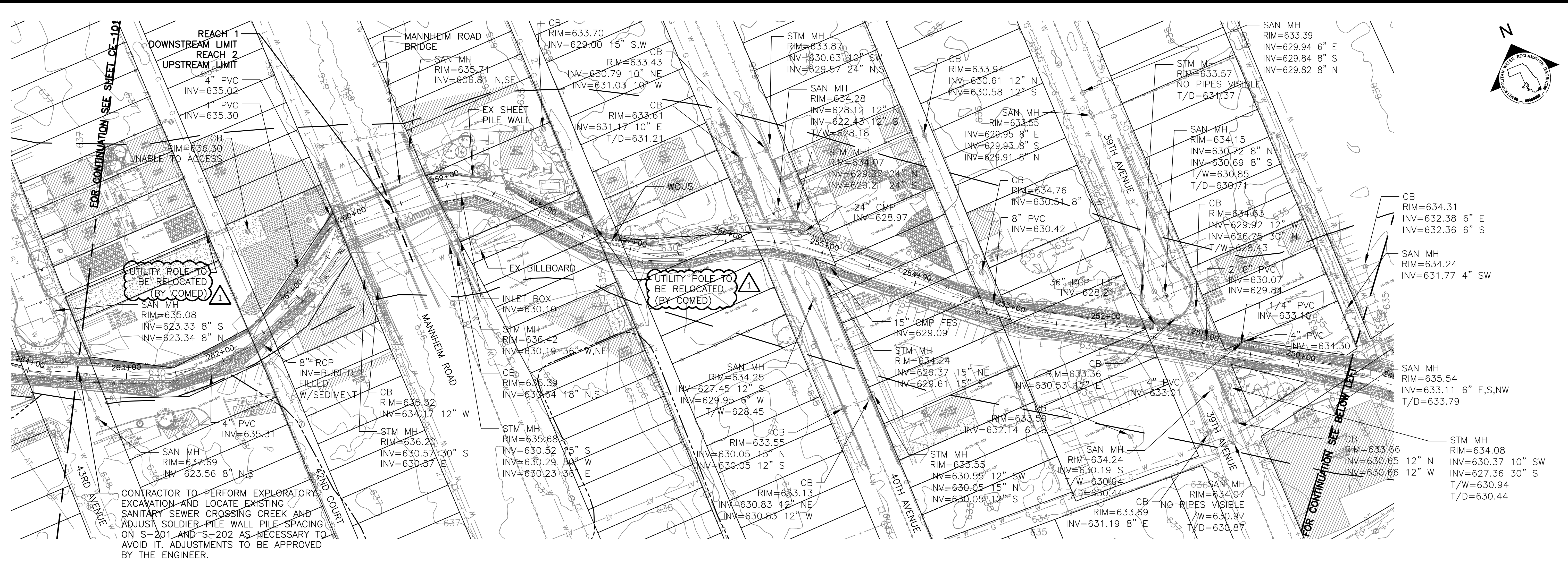
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ADDISON CREEK CHANNEL IMPROVEMENTS

EXISTING CONDITIONS - REACH 1
NORTHLAKE TRAIL AREA

Sheet Number:
CE-101A
Page Number: 43

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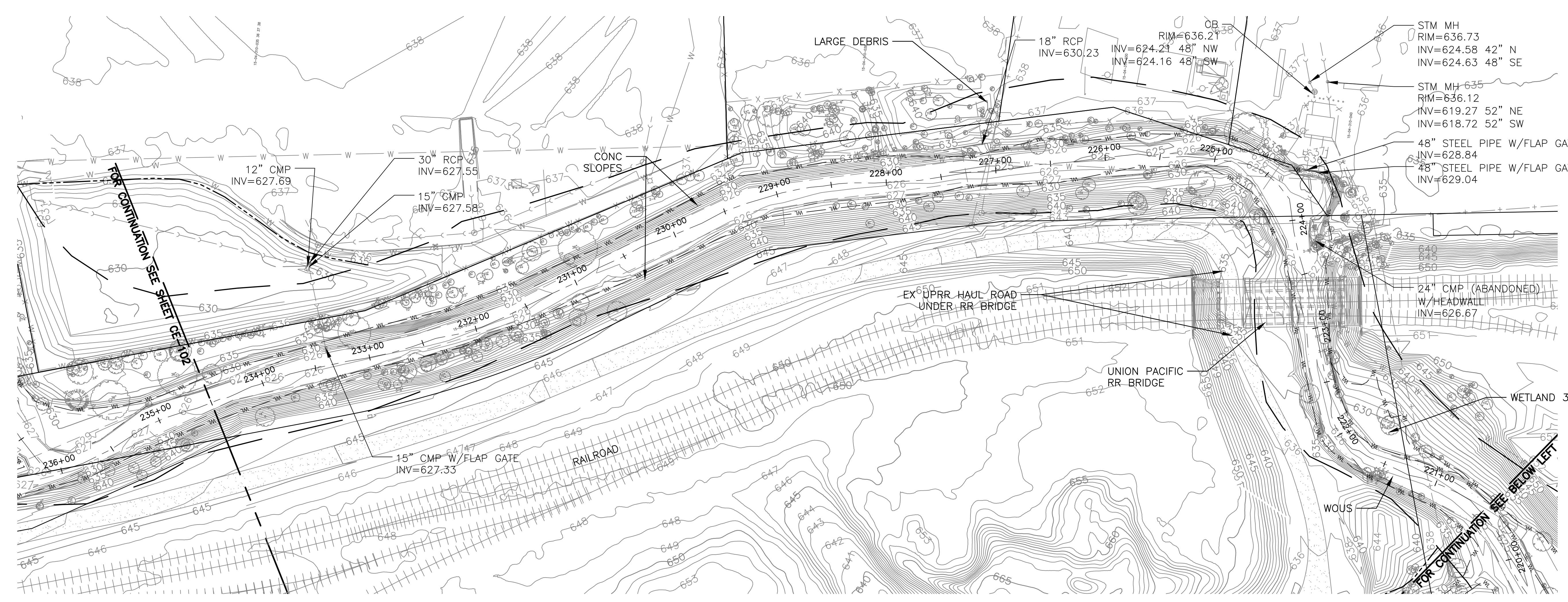
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Scale:	AS SHOWN	Date:	2022
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 ADDISON CREEK CHANNEL IMPROVEMENTS

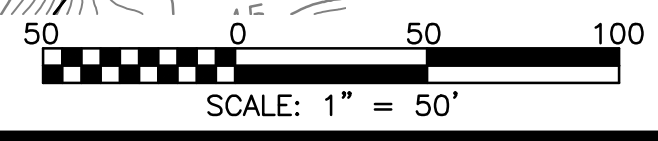
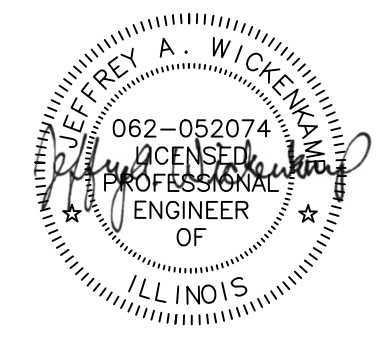
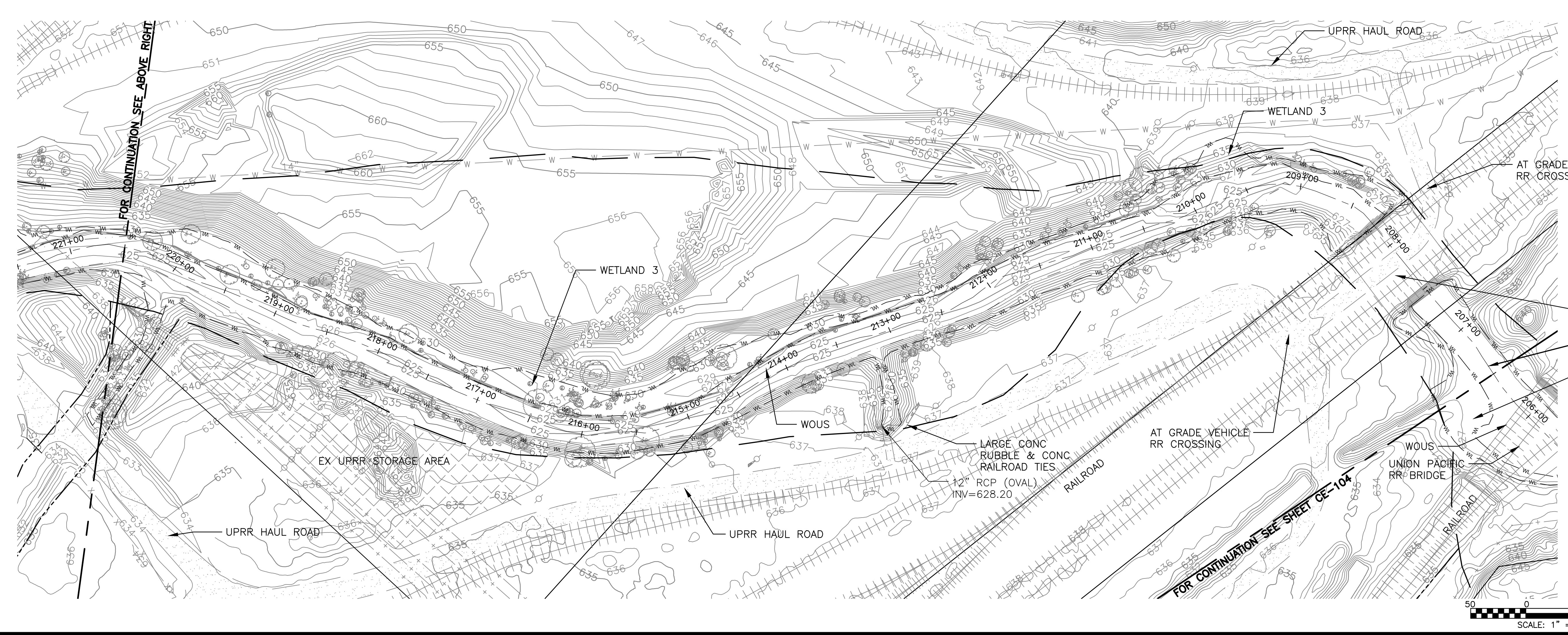
EXISTING CONDITIONS - REACH 1, 2 & 3
 STA. 263+50 TO STA. 234+50

Sheet Number:
CE-102

Page Number: 44



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**METROPOLITAN WATER RECLAMATION DISTRICT
 OF GREATER CHICAGO**

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 Reviewed by: JAW
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 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 18404289

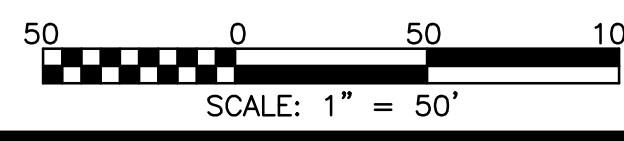
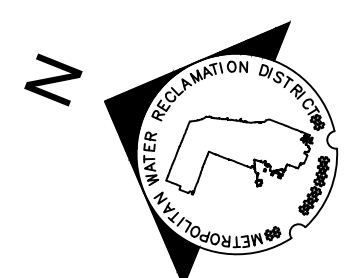
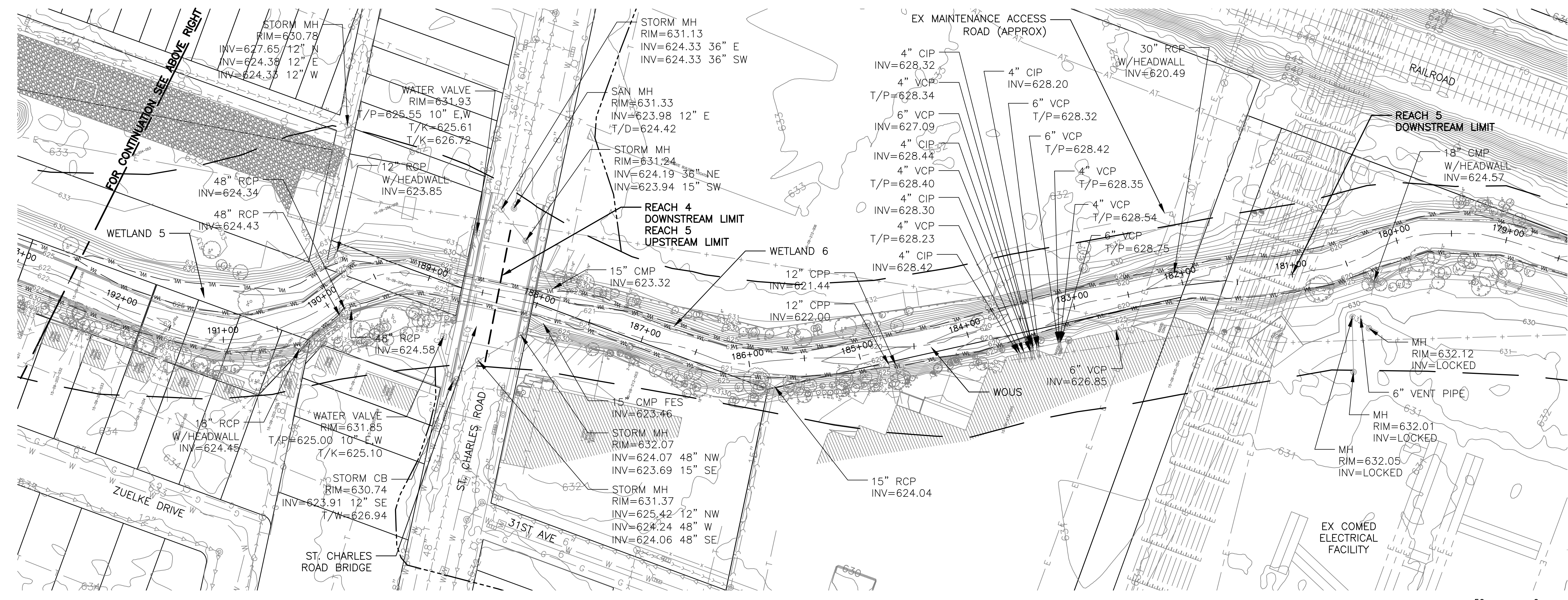
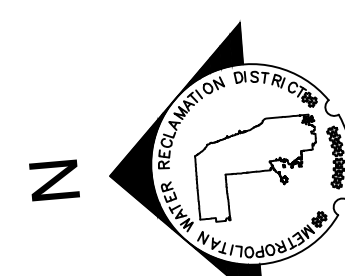
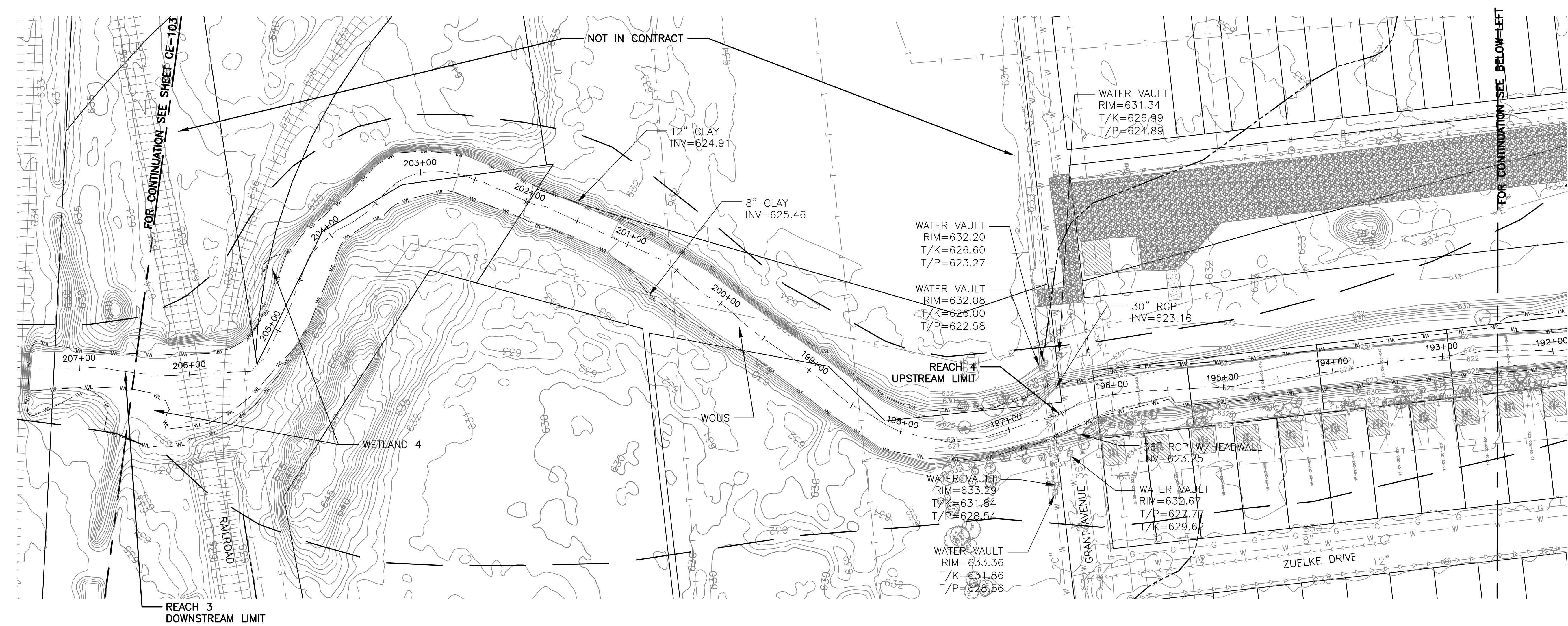
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

EXISTING CONDITIONS - REACH 3
 STA. 234+50 TO STA. 206+50

Sheet Number:
CE-103

Page Number: 45

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PLOT DATE: 9/22/2022 3:41 PM PLOTTED BY: KYLE SOLNER



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**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**

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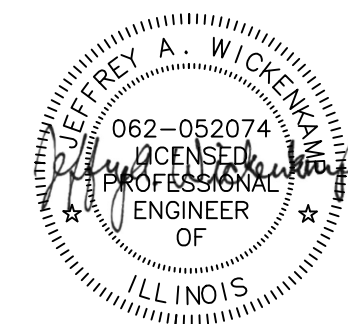
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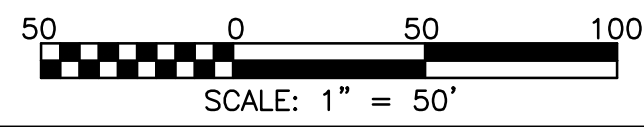
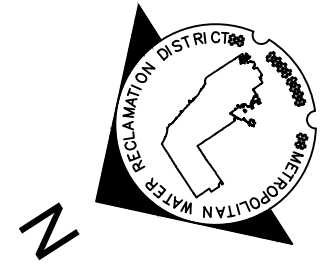
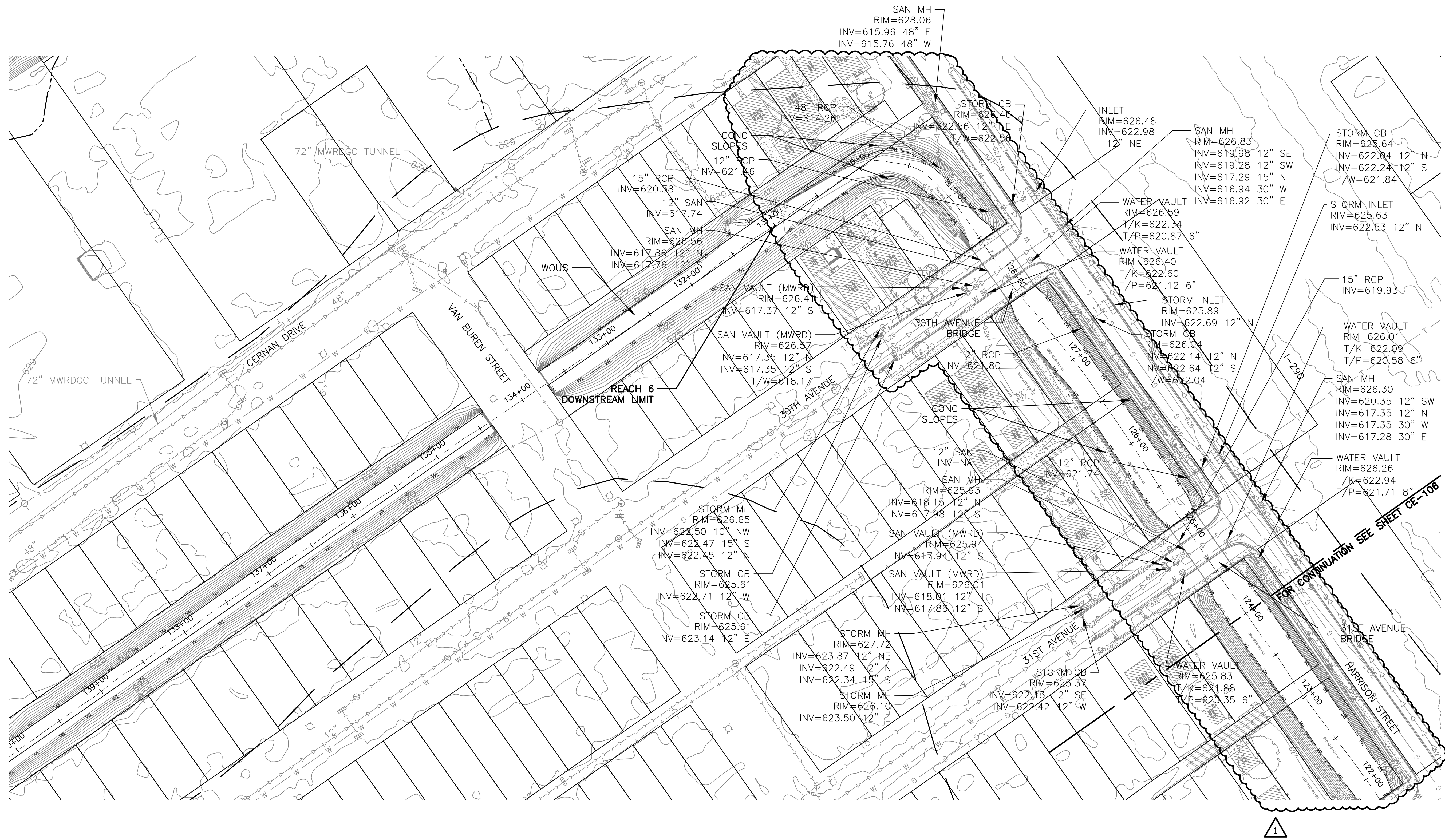
CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

EXISTING CONDITIONS - REACH 4 & 5
STA. 196+33 TO STA. 181+00

Sheet Number:
CE-104

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**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**

CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

EXISTING CONDITIONS - REACH 6
STA. 131+00 TO STA. 124+00

Sheet Number:
CE-105

Page Number: 47

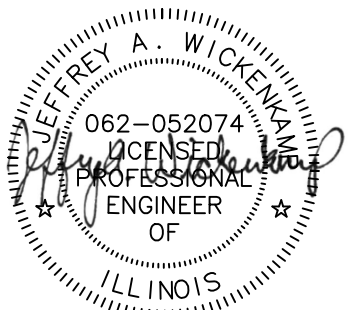
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1	ADDENDUM NO. 2	JAW	01/06/23

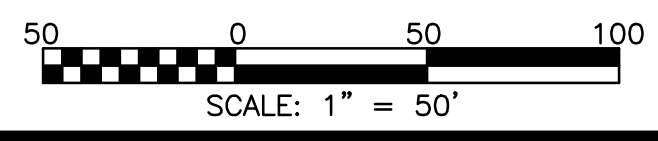
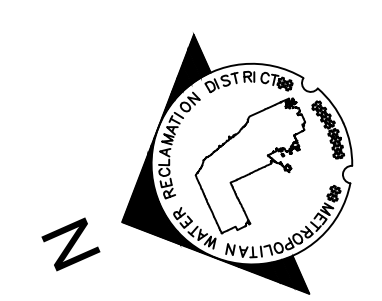
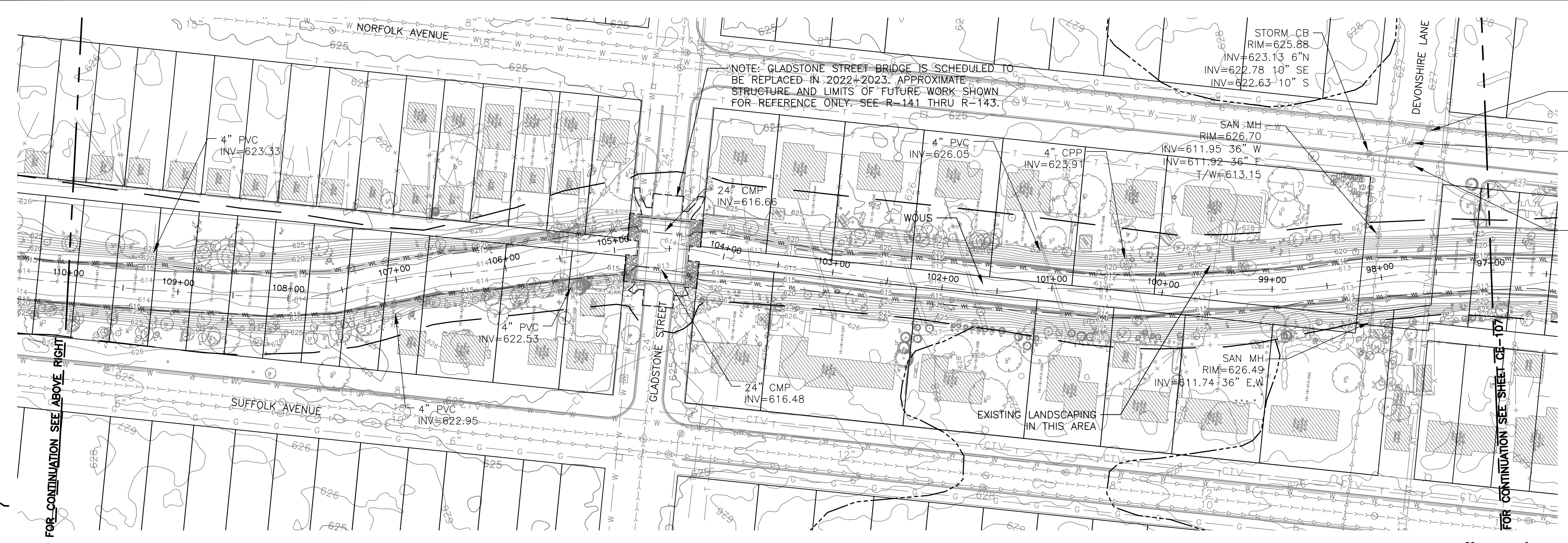
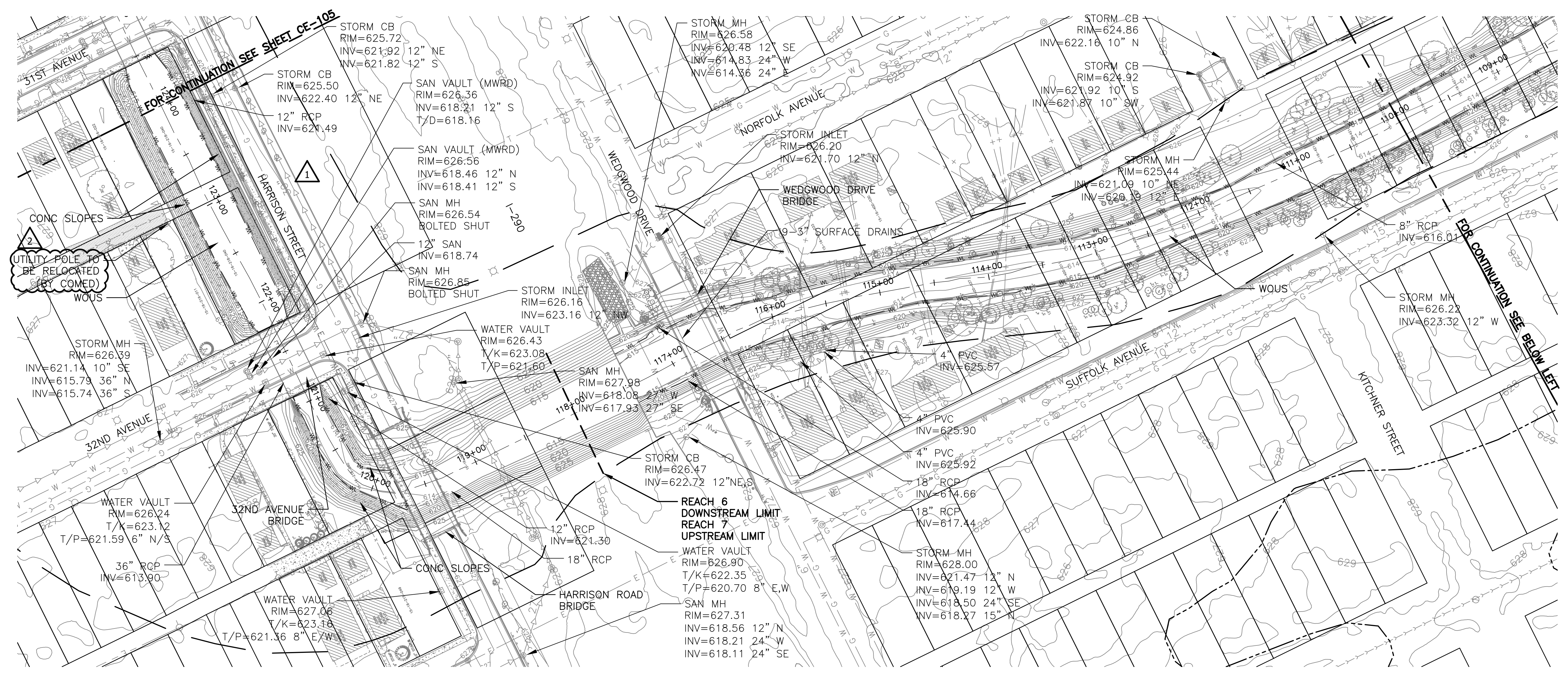
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Date: 2022

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1	ADDENDUM NO. 2	JAW	01/06/23
2	ADDENDUM NO. 7	JAW	05/01/23

**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**

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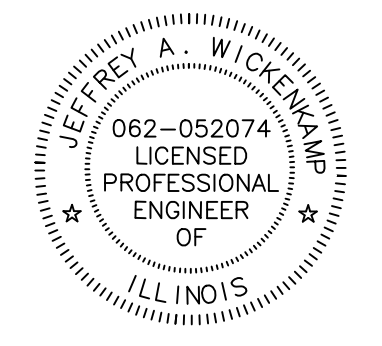
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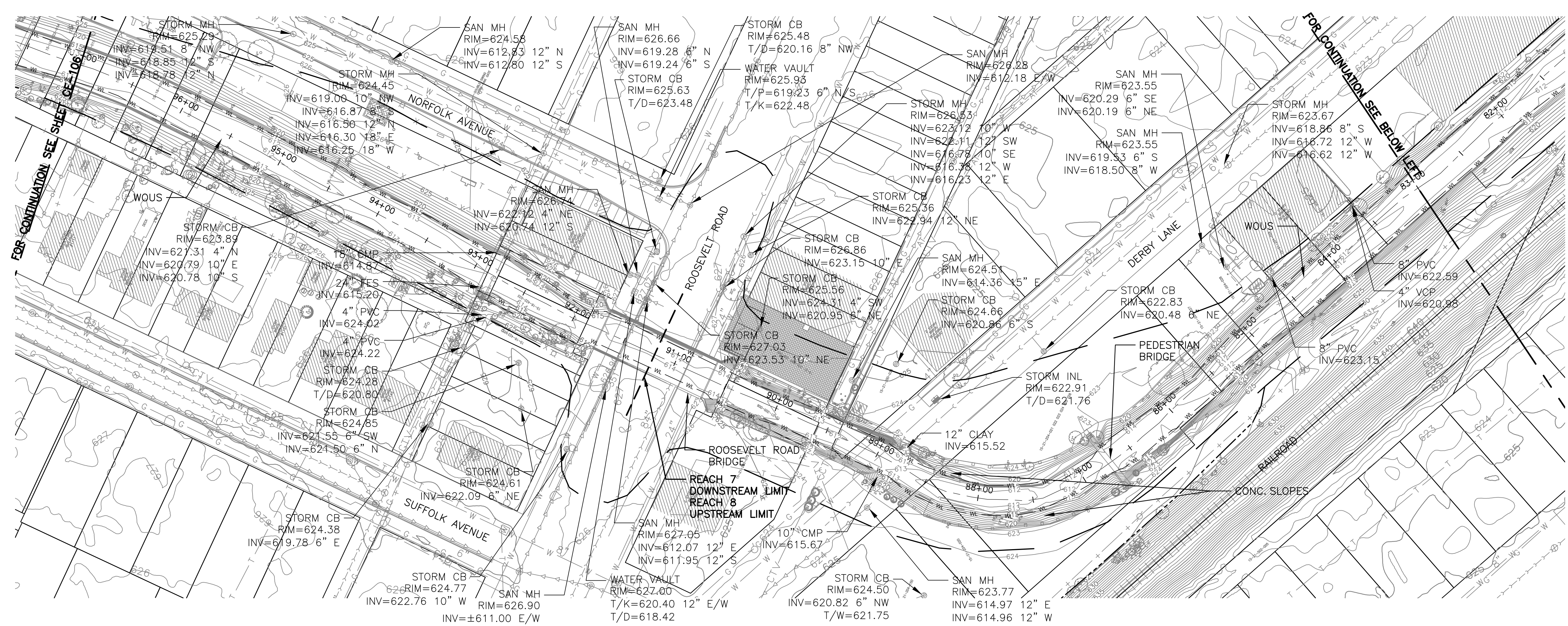
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

EXISTING CONDITIONS - REACH 6 & 7
 STA. 124+00 TO STA. 97+00

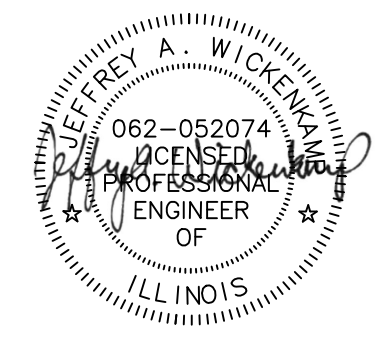
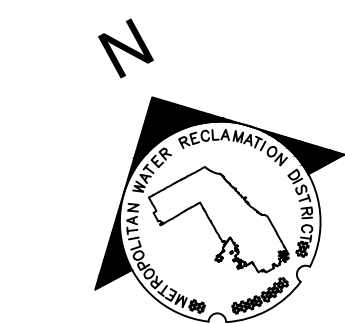
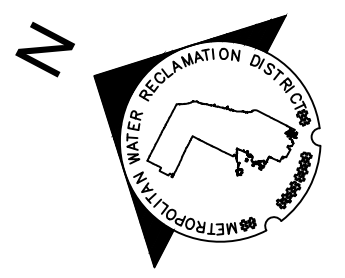
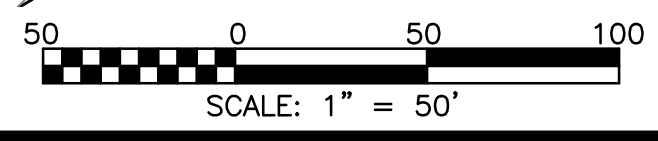
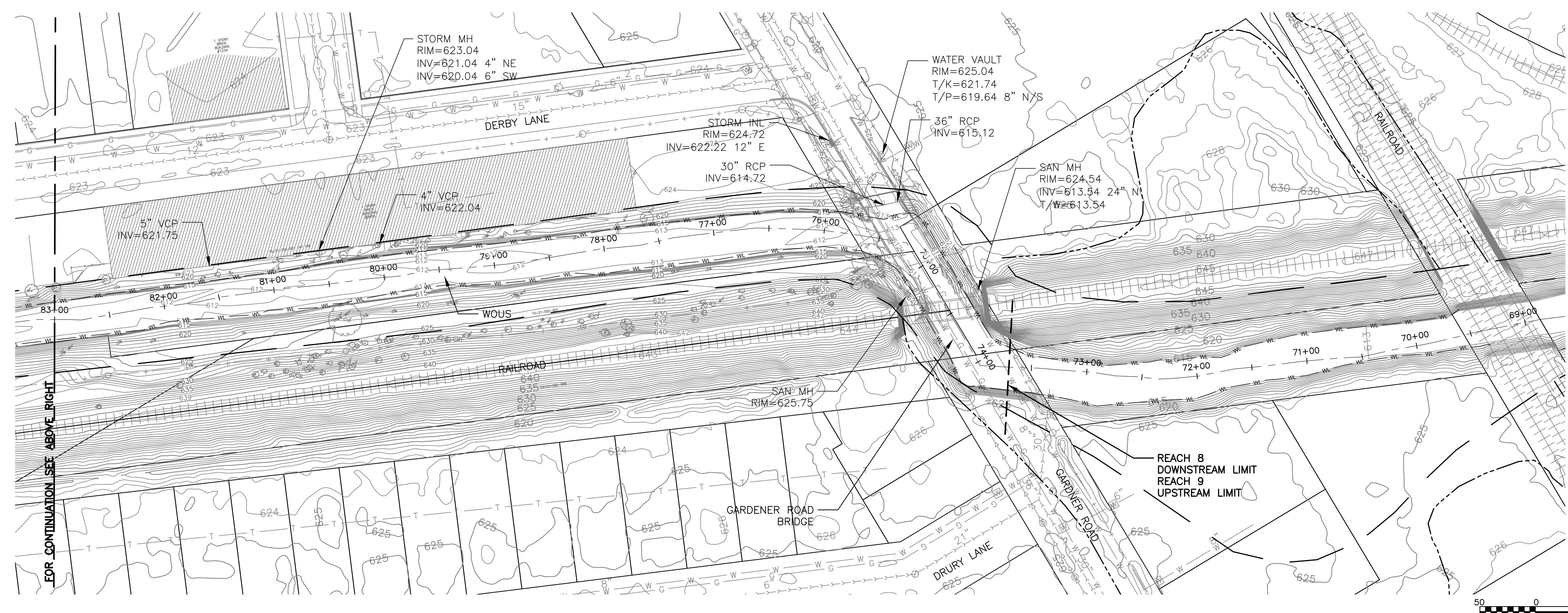
Sheet Number:
CE-106

Page Number: 48





NOTE:
 ROOSEVELT ROAD BRIDGE
 STORM SEWER INVERTS:
 WEST 84" INV=±613.1
 EAST 12" INV=±616.0



Rev.	Description	Appr.	Date

**METROPOLITAN WATER RECLAMATION DISTRICT
 OF GREATER CHICAGO**

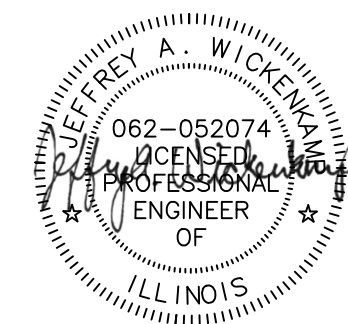
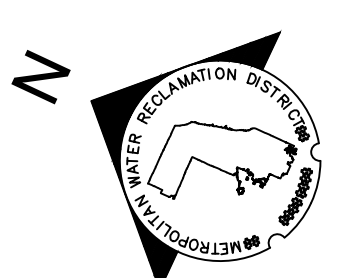
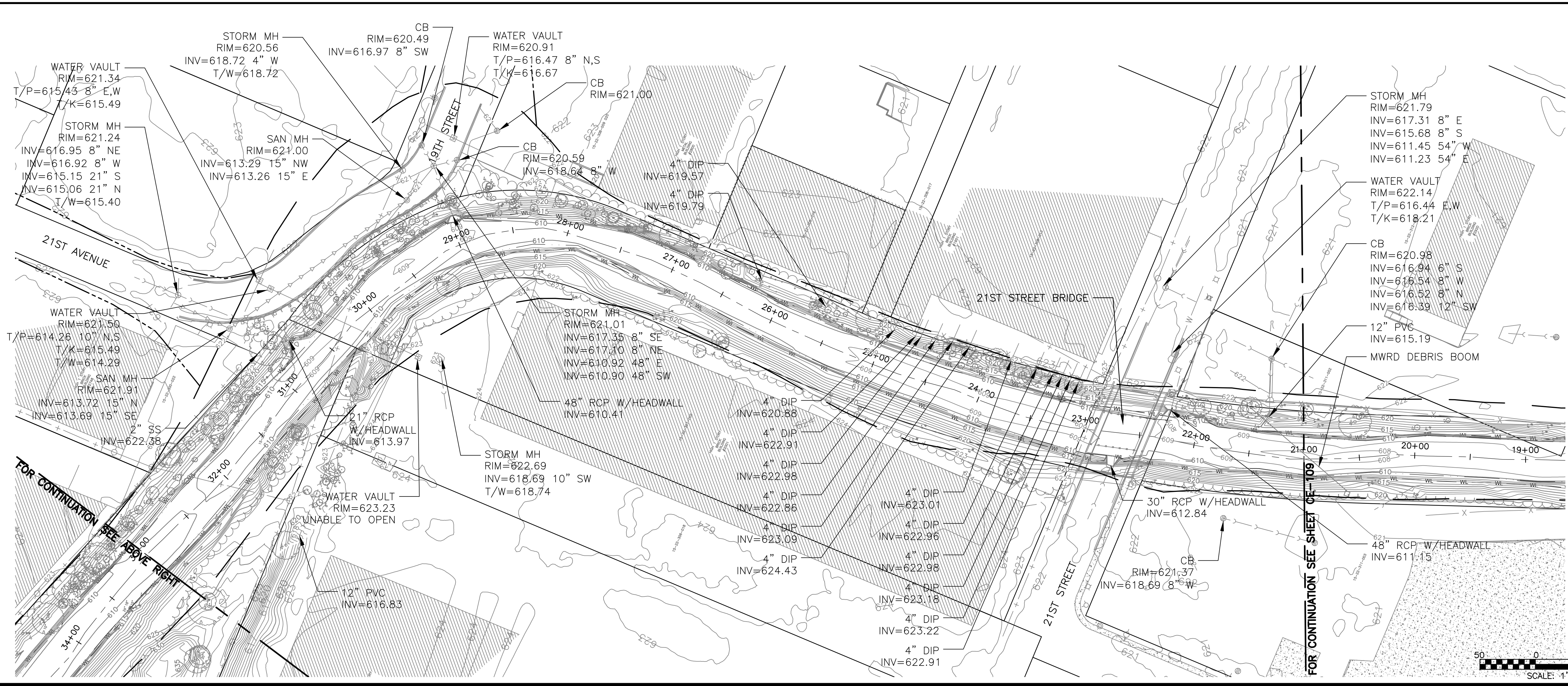
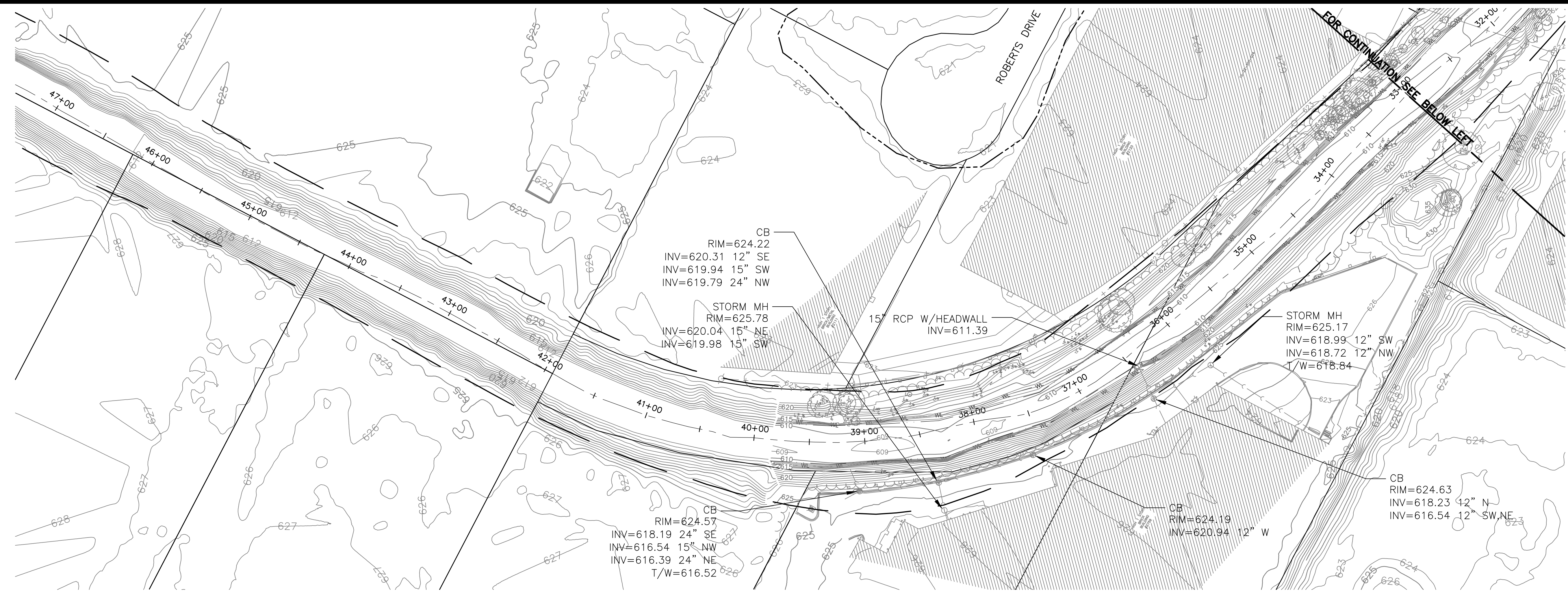
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

EXISTING CONDITIONS - REACH 7, 8 & 9
 STA. 97+00 TO STA. 70+00

Sheet Number:
CE-107
 Page Number: 49



Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

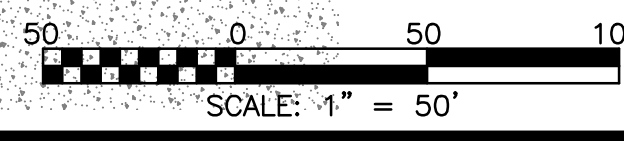
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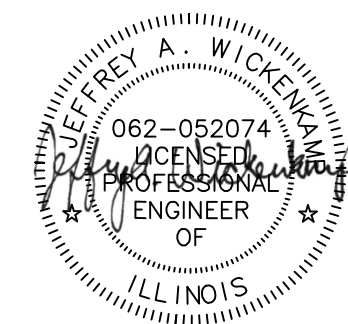
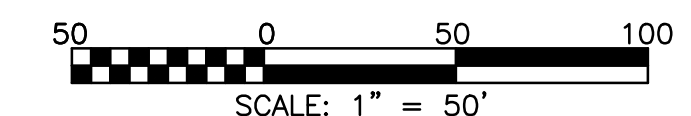
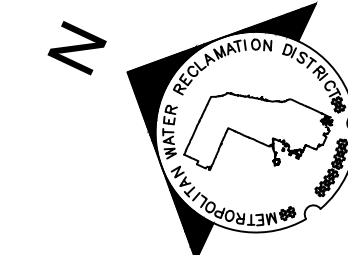
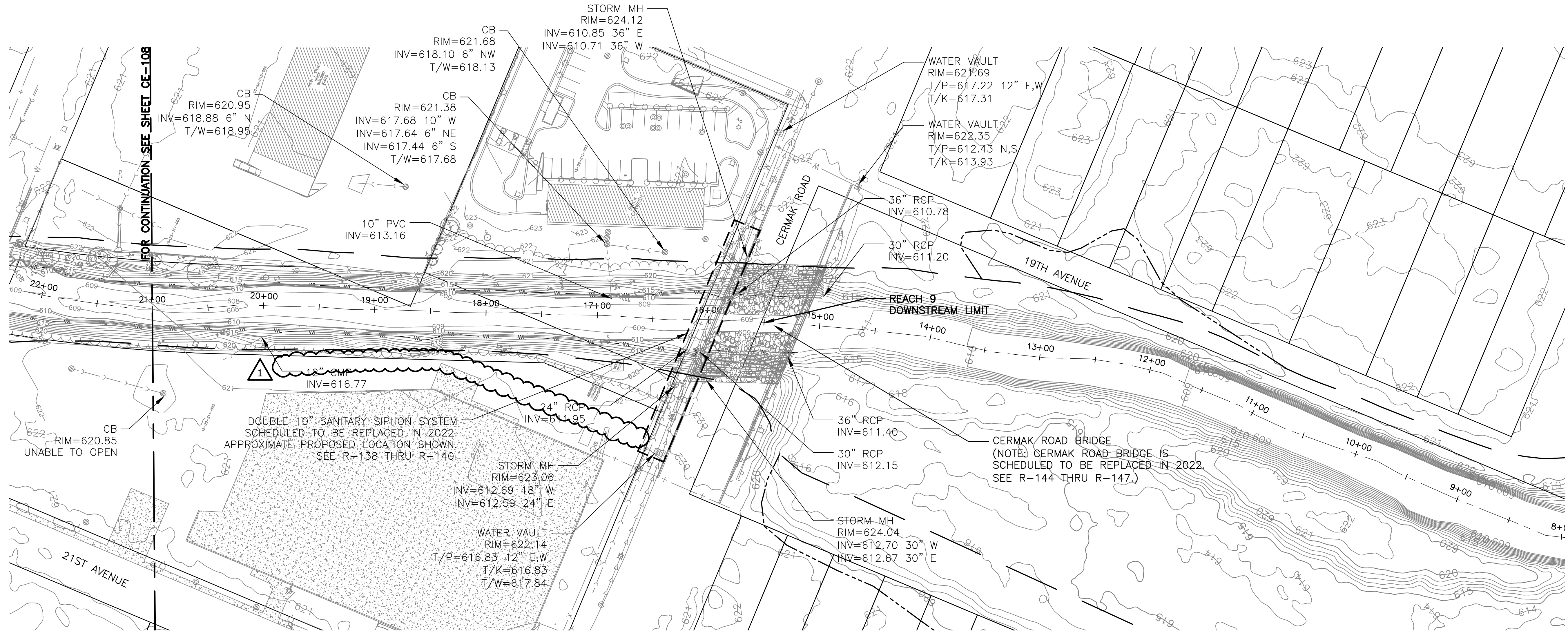
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

EXISTING CONDITIONS - REACH 9
 STA. 46+00 TO STA. 21+00

Sheet Number:
CE-108
 Page Number: 50





Rev.	Description	Appr.	Date
1	ADDENDUM NO. 4	JAW	01/25/23

**METROPOLITAN WATER RECLAMATION DISTRICT
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CHECKED BY: PML
REVIEWED BY: JAW
DATE: 2022

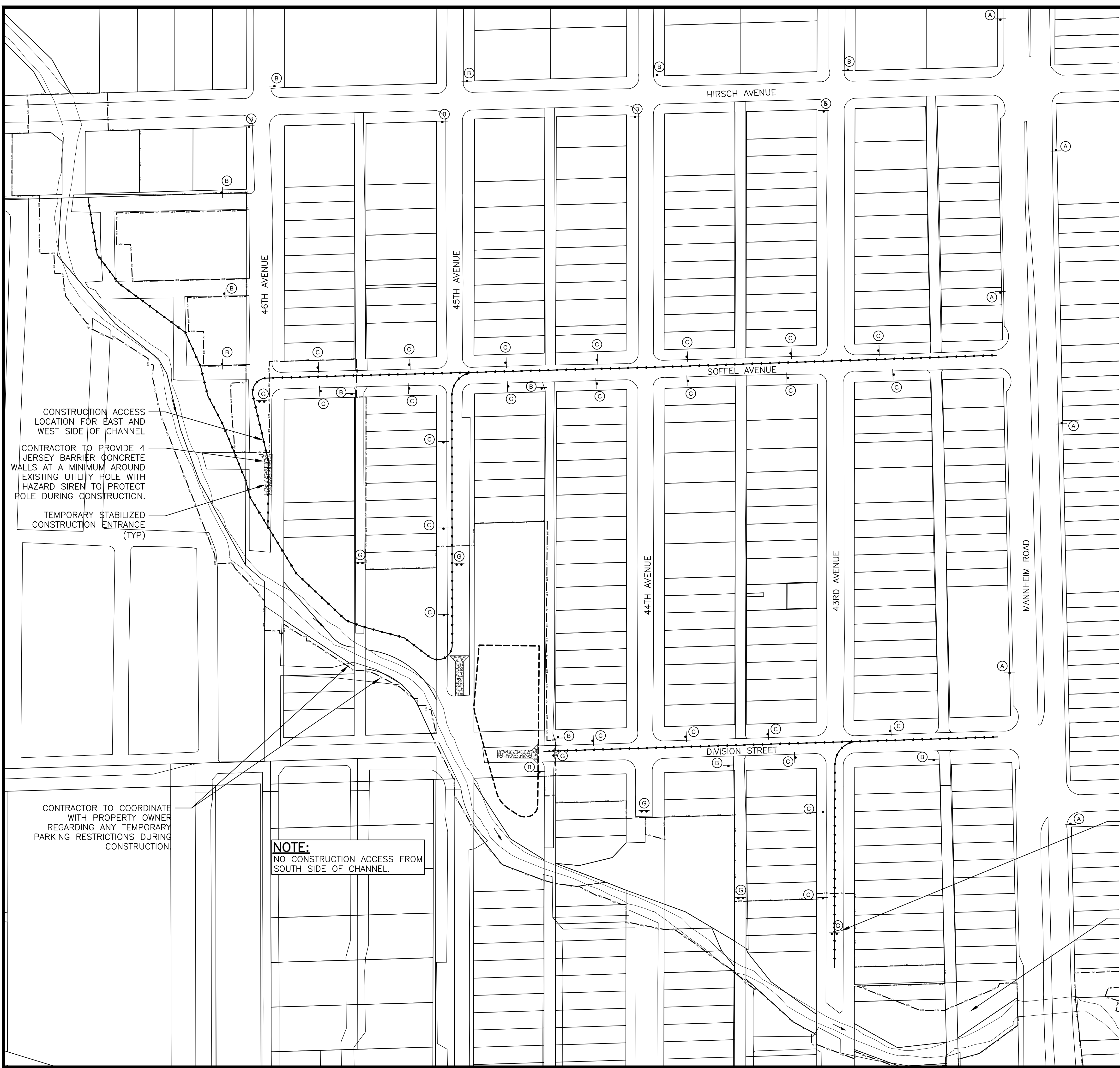
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11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

EXISTING CONDITIONS - REACH 9
STA. 21+00 TO STA. 15+50

Sheet Number:
CE-109

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CONSTRUCTION ACCESS LOCATION FOR EAST AND WEST SIDE OF CHANNEL
 CONTRACTOR TO PROVIDE 4 JERSEY BARRIER CONCRETE WALLS AT A MINIMUM AROUND EXISTING UTILITY POLE WITH HAZARD SIREN TO PROTECT POLE DURING CONSTRUCTION.
 TEMPORARY STABILIZED CONSTRUCTION ENTRANCE (TYP)

CONTRACTOR TO COORDINATE WITH PROPERTY OWNER REGARDING ANY TEMPORARY PARKING RESTRICTIONS DURING CONSTRUCTION.

NOTE:
 NO CONSTRUCTION ACCESS FROM SOUTH SIDE OF CHANNEL.

PROVIDE ROAD CLOSED SIGN AND TYPE III BARRICADE AT END OF ROADS BEFORE REMOVING BOLLARDS OR GUARDRAILS NEAR CREEK WHERE TEMPORARY CONSTRUCTION FENCE IS NOT INDICATED ON CS DRAWINGS (TYP.)

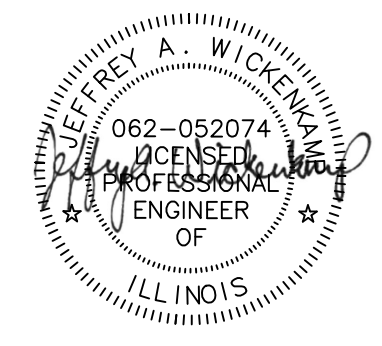
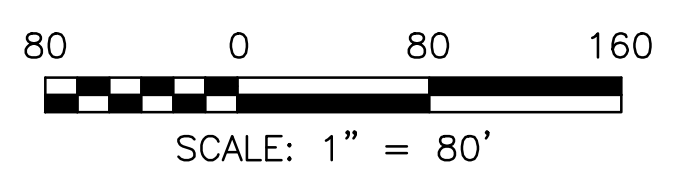
CONTRACTOR TO COORDINATE CONSTRUCTION ACCESS, TEMPORARY FENCING AND CONSTRUCTION WORK WITH ENGINEER AND PROPERTY OWNER(S) IN ACCORDANCE WITH THE EASEMENT DOCUMENTS.

LEGEND

- (A) W21-1104 (MODIFIED), 36"x36" (6 EA.)
- (B) R12-4 (MODIFIED), 36"x24" (17 EA.)
- (C) R8-3a (MODIFIED), 18"x24" (24 EA.)
- (G) R11-2, 48"x30" (7 EA.)
- SIGN ON PORTABLE OR PERMANENT SUPPORT (49 EA.)
- TYPE III BARRICADE (7 EA.)
- CONSTRUCTION TRAFFIC ACCESS ROUTE
- CONSTRUCTION LIMITS
- CONSTRUCTION STAGING AREA

NOTES:

1. ENTRANCES TO RESIDENCES AND BUSINESSES TO REMAIN OPEN DURING CONSTRUCTION.
2. CONSTRUCTION ACCESS POINTS TO BE COORDINATED WITH ENGINEER AND PROPERTY OWNERS AS REQUIRED.
3. CONTRACTOR TO RESTORE AREAS DAMAGED OR IMPACTED BY CONSTRUCTION ACCESS, AND STAGING IN-KIND IN ACCORDANCE WITH THE ENGINEER.
4. CONSTRUCTION TRAFFIC PROHIBITED IN RESIDENTIAL ALLEYWAYS EXCEPT FOR WHERE SHOWN IN PLANS.



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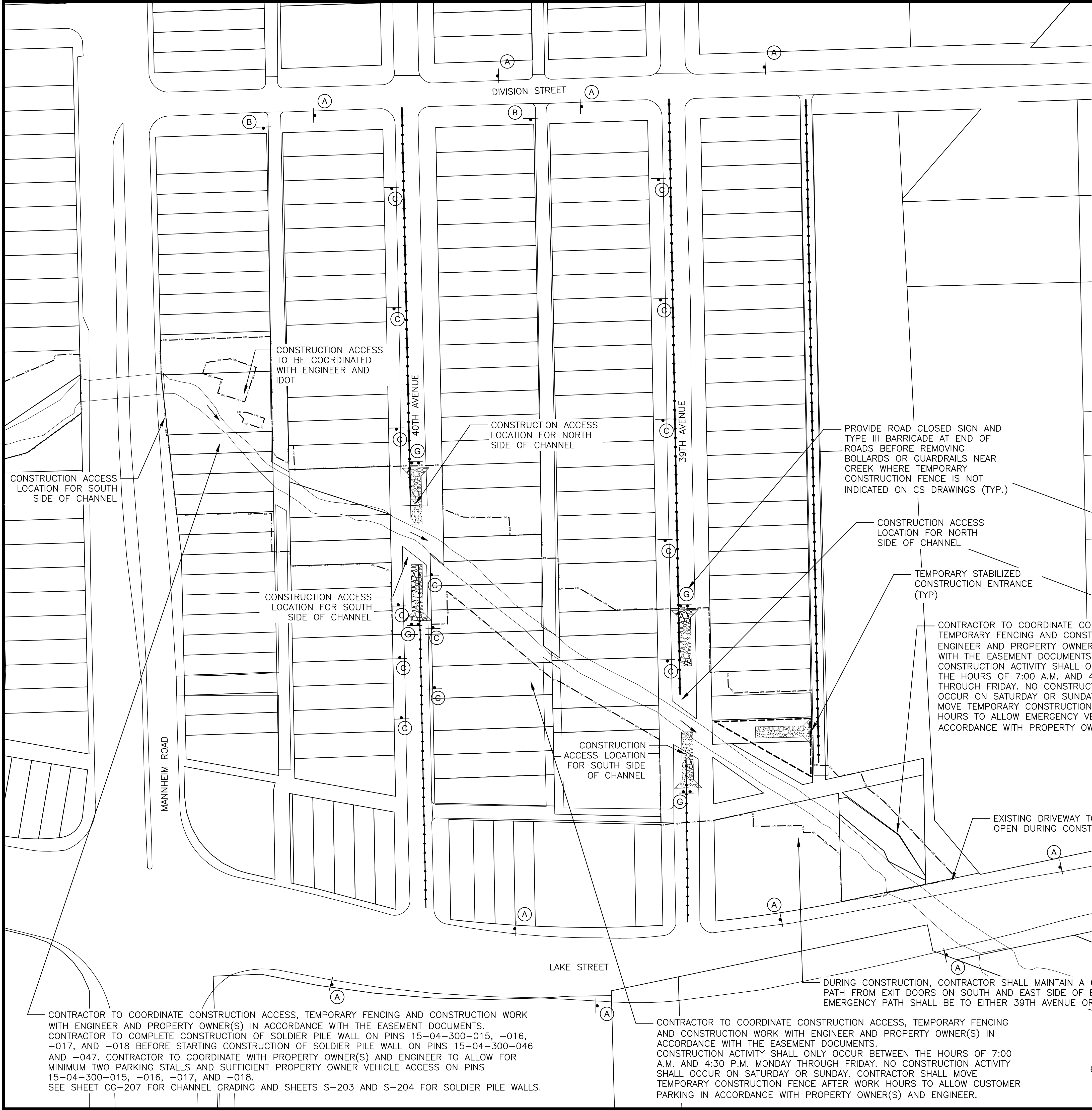
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

MAINTENANCE OF TRAFFIC - REACH 1

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LEGEND

- (A) W21-1104 (MODIFIED), 36"x36" (11 EA.)
- (B) R12-4 (MODIFIED), 36"x24" (2 EA.)
- (C) R8-3a (MODIFIED), 18"x24" (14 EA.)
- (G) R11-2, 48"x30" (4 EA.)
- SIGN ON PORTABLE OR PERMANENT SUPPORT (27 EA.)
- TYPE III BARRICADE (4 EA.)
- CONSTRUCTION TRAFFIC ACCESS ROUTE
- CONSTRUCTION LIMITS
- CONSTRUCTION STAGING AREA

NOTES:

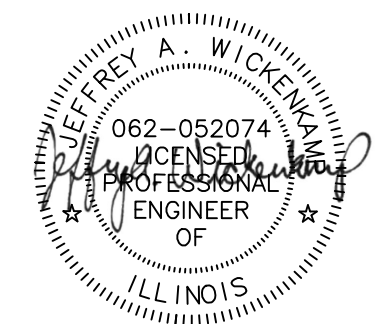
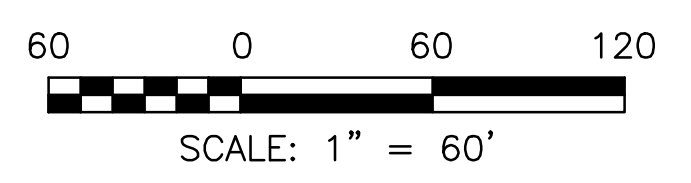
1. ENTRANCES TO RESIDENCES AND BUSINESSES TO REMAIN OPEN DURING CONSTRUCTION.
2. CONSTRUCTION ACCESS POINTS TO BE COORDINATED WITH ENGINEER AND PROPERTY OWNERS AS REQUIRED.
3. CONTRACTOR TO RESTORE AREAS DAMAGED OR IMPACTED BY CONSTRUCTION ACCESS, AND STAGING IN-KIND IN ACCORDANCE WITH THE ENGINEER.
4. CONSTRUCTION TRAFFIC PROHIBITED IN RESIDENTIAL ALLEYWAYS EXCEPT FOR WHERE SHOWN IN PLANS.

CONTRACTOR TO COORDINATE CONSTRUCTION ACCESS, TEMPORARY FENCING AND CONSTRUCTION WORK WITH ENGINEER AND PROPERTY OWNER(S) IN ACCORDANCE WITH THE EASEMENT DOCUMENTS. CONTRACTOR TO COMPLETE CONSTRUCTION OF SOLDIER PILE WALL ON PINS 15-04-300-015, -016, -017, AND -018 BEFORE STARTING CONSTRUCTION OF SOLDIER PILE WALL ON PINS 15-04-300-046 AND -047. CONTRACTOR TO COORDINATE WITH PROPERTY OWNER(S) AND ENGINEER TO ALLOW FOR MINIMUM TWO PARKING STALLS AND SUFFICIENT PROPERTY OWNER VEHICLE ACCESS ON PINS 15-04-300-015, -016, -017, AND -018. SEE SHEET CG-207 FOR CHANNEL GRADING AND SHEETS S-203 AND S-204 FOR SOLDIER PILE WALLS.

CONTRACTOR TO COORDINATE CONSTRUCTION ACCESS, TEMPORARY FENCING AND CONSTRUCTION WORK WITH ENGINEER AND PROPERTY OWNER(S) IN ACCORDANCE WITH THE EASEMENT DOCUMENTS. CONSTRUCTION ACTIVITY SHALL ONLY OCCUR BETWEEN THE HOURS OF 7:00 A.M. AND 4:30 P.M. MONDAY THROUGH FRIDAY. NO CONSTRUCTION ACTIVITY SHALL OCCUR ON SATURDAY OR SUNDAY. CONTRACTOR SHALL MOVE TEMPORARY CONSTRUCTION FENCE AFTER WORK HOURS TO ALLOW CUSTOMER PARKING IN ACCORDANCE WITH PROPERTY OWNER(S) AND ENGINEER.

CONTRACTOR TO COORDINATE CONSTRUCTION ACCESS, TEMPORARY FENCING AND CONSTRUCTION WORK WITH ENGINEER AND PROPERTY OWNER(S) IN ACCORDANCE WITH THE EASEMENT DOCUMENTS. CONSTRUCTION ACTIVITY SHALL ONLY OCCUR BETWEEN THE HOURS OF 7:00 A.M. AND 4:30 P.M. MONDAY THROUGH FRIDAY. NO CONSTRUCTION ACTIVITY SHALL OCCUR ON SATURDAY OR SUNDAY. CONTRACTOR SHALL MOVE TEMPORARY CONSTRUCTION FENCE AFTER WORK HOURS TO ALLOW EMERGENCY VEHICLE ACCESS IN ACCORDANCE WITH PROPERTY OWNER(S) AND ENGINEER.

DURING CONSTRUCTION, CONTRACTOR SHALL MAINTAIN A 6-FOOT EMERGENCY PATH FROM EXIT DOORS ON SOUTH AND EAST SIDE OF BUILDING, AND THE EMERGENCY PATH SHALL BE TO EITHER 39TH AVENUE OR LAKE STREET.



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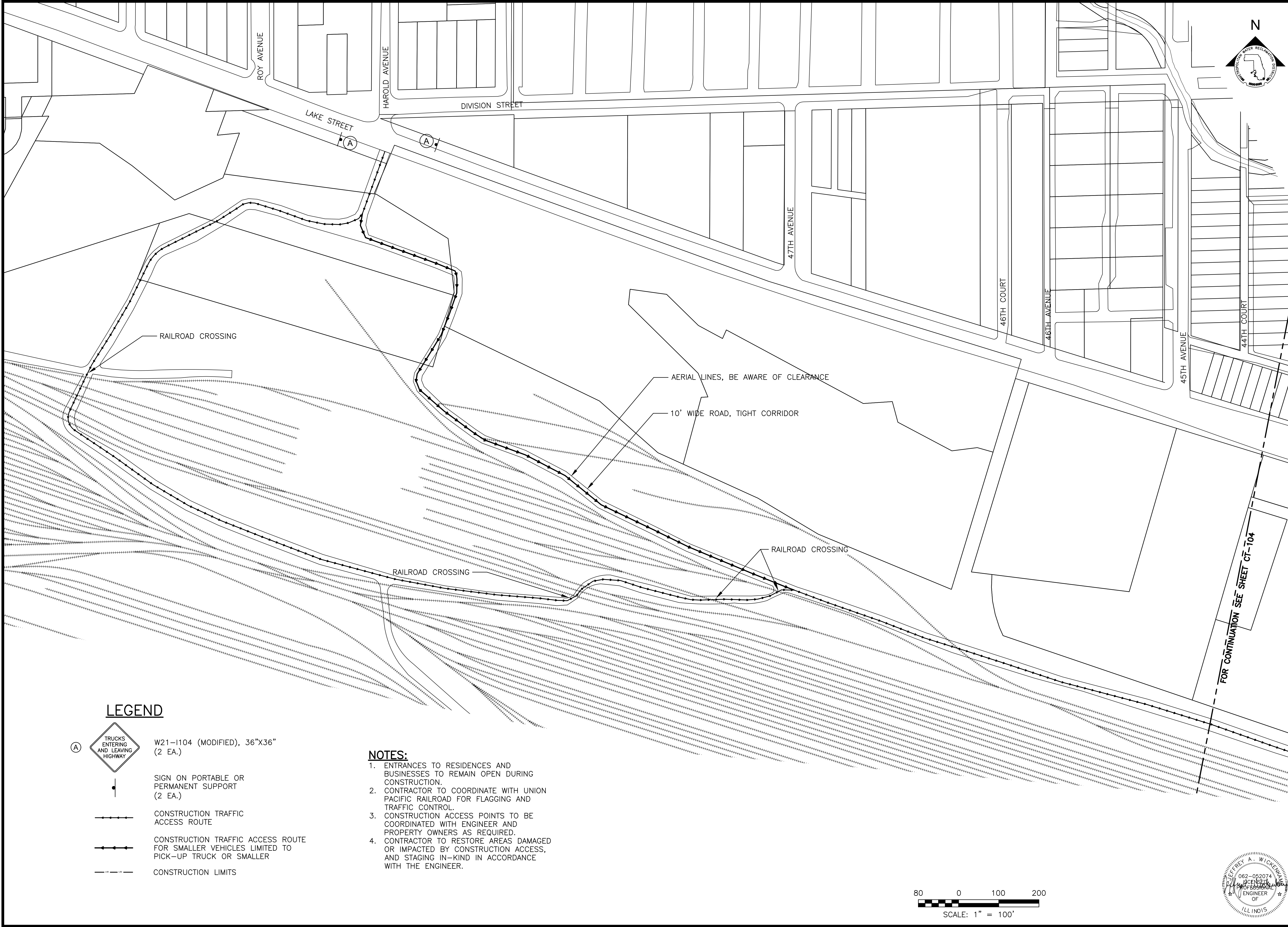
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

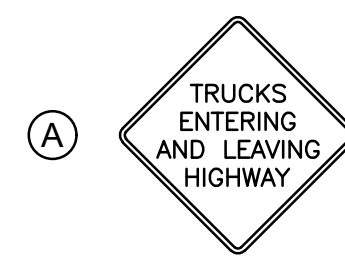

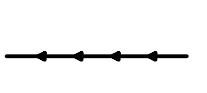
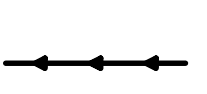
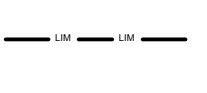
MAINTENANCE OF TRAFFIC - REACH 2

Sheet Number:
CT-102
 Page Number: 53

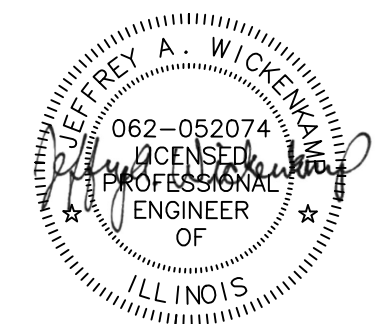
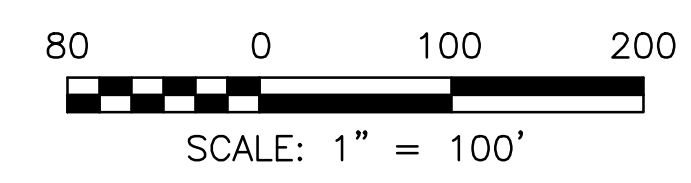
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LEGEND

-  W21-1104 (MODIFIED), 36"X36" (2 EA.)
-  SIGN ON PORTABLE OR PERMANENT SUPPORT (2 EA.)
-  CONSTRUCTION TRAFFIC ACCESS ROUTE
-  CONSTRUCTION TRAFFIC ACCESS ROUTE FOR SMALLER VEHICLES LIMITED TO PICK-UP TRUCK OR SMALLER
-  CONSTRUCTION LIMITS

- NOTES:**
1. ENTRANCES TO RESIDENCES AND BUSINESSES TO REMAIN OPEN DURING CONSTRUCTION.
 2. CONTRACTOR TO COORDINATE WITH UNION PACIFIC RAILROAD FOR FLAGGING AND TRAFFIC CONTROL.
 3. CONSTRUCTION ACCESS POINTS TO BE COORDINATED WITH ENGINEER AND PROPERTY OWNERS AS REQUIRED.
 4. CONTRACTOR TO RESTORE AREAS DAMAGED OR IMPACTED BY CONSTRUCTION ACCESS, AND STAGING IN-KIND IN ACCORDANCE WITH THE ENGINEER.



Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
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 PROFESSIONAL DESIGNER, P.E.
 LICENSE NO. 184002829

Designed by:	Checked by:	Scale:
KSS	PML	AS SHOWN
Drawn by:	Reviewed by:	Date:
KSS	JAW	2022
Correct:		

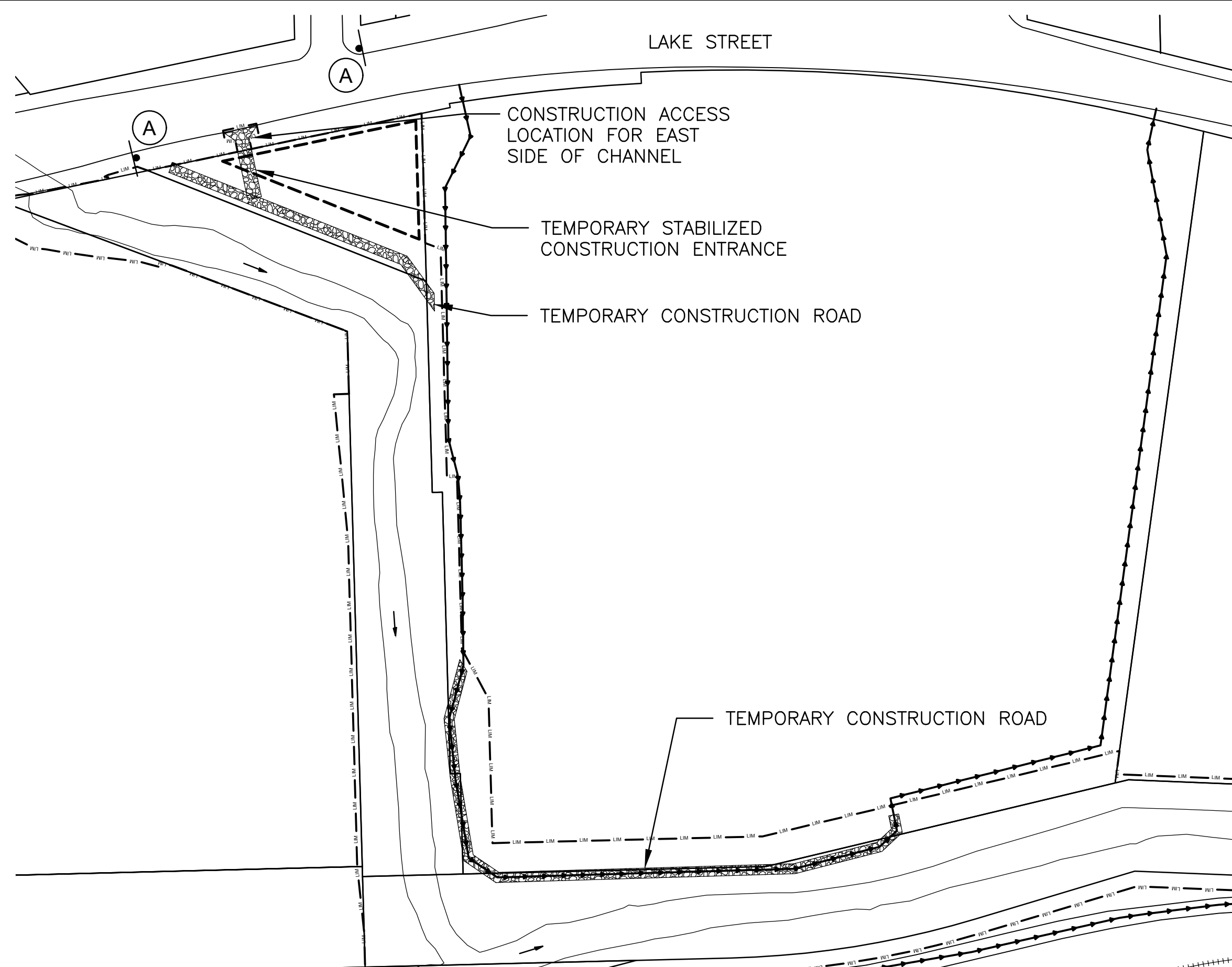
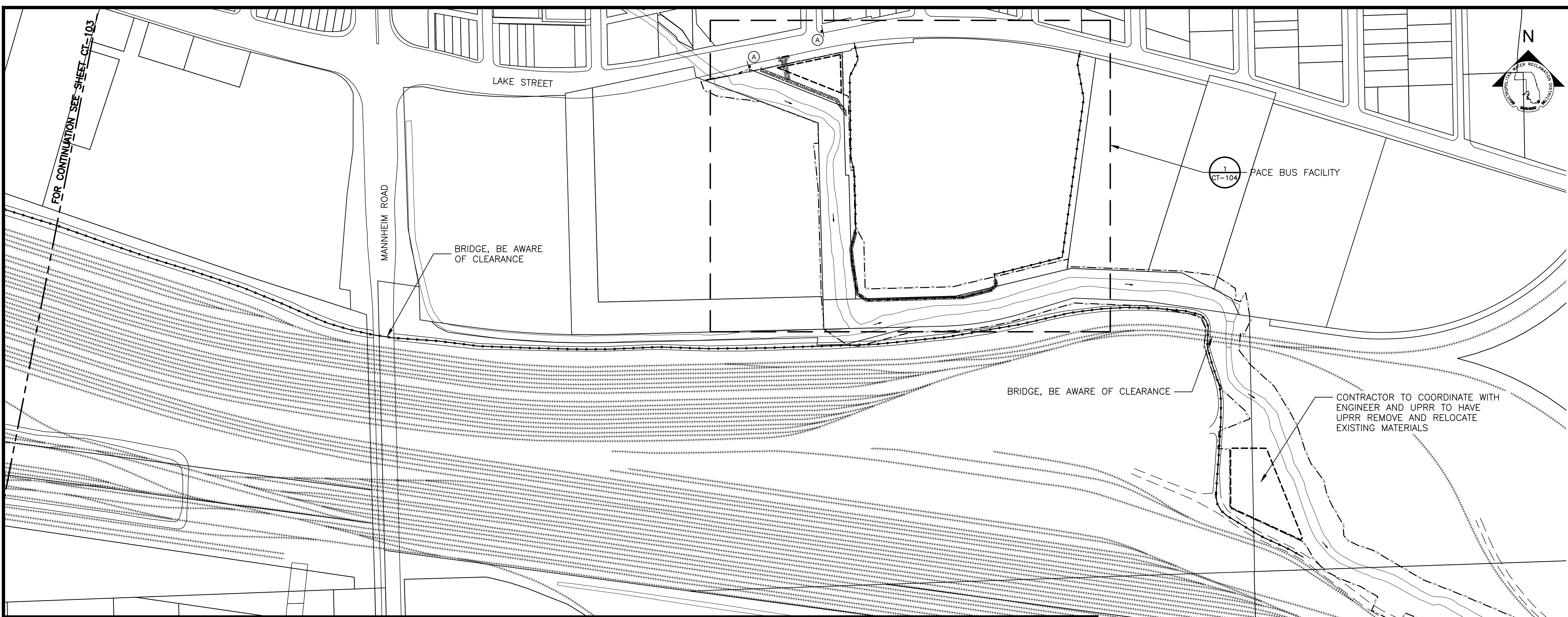
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

MAINTENANCE OF TRAFFIC -- REACH 3

Sheet Number:
CT-103

Page Number: 54

P:\16000\16-0005 MWRD - FINAL DESIGN FOR ADDISON CREEK\CAD\11-187-3F\01_Civil\Sheets\CT-104.dwg 9/20/2022 9:31 AM
 PLOT DATE: 9/22/2022 3:51 PM PLOTTED BY: KYLE SOLNER



LEGEND

- CONSTRUCTION TRAFFIC ACCESS ROUTE
- CONSTRUCTION LIMITS
- CONSTRUCTION STAGING AREA

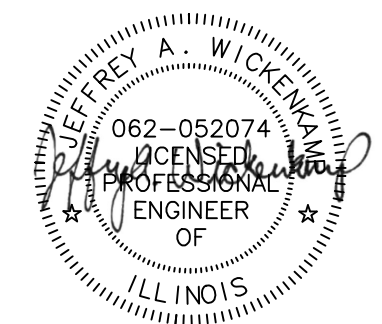
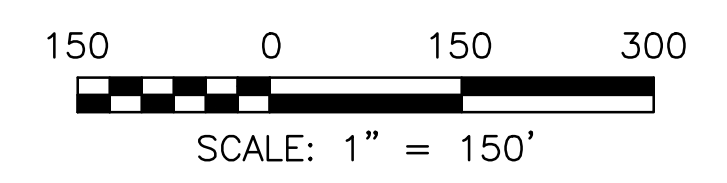
NOTES:

1. ENTRANCES TO RESIDENCES AND BUSINESSES TO REMAIN OPEN DURING CONSTRUCTION.
2. CONTRACTOR TO COORDINATE WITH UNION PACIFIC RAILROAD FOR FLAGGING AND TRAFFIC CONTROL.
3. CONSTRUCTION ACCESS POINTS TO BE COORDINATED WITH ENGINEER AND PROPERTY OWNERS AS REQUIRED.
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PACE PROPERTY NOTES:

1. CONTRACTOR MUST ABIDE BY ALL SECURITY REQUIREMENTS AND PROTOCOLS ESTABLISHED BY PACE FOR GAINING ACCESS TO ITS FACILITY, INCLUDING BACKGROUND CHECKS WHERE REQUIRED.
2. TO ACCESS THE WORK AREA, THE CONTRACTOR SHALL FOLLOW THE CONSTRUCTION TRAFFIC ACCESS ROUTE. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND PACE REGARDING TRAFFIC FLOW DURING CONSTRUCTION. DUE TO HEAVY BUS TRAFFIC, ACCESS THROUGH THE LICENSED PREMISES WILL BE LIMITED ON WEEKDAYS BEFORE 7:00AM AND AFTER 1:00PM, UNLESS OTHERWISE AGREED TO BY PACE.
3. IF AT ANY TIME DURING CONSTRUCTION A PORTION OF THE FENCE IS DOWN, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY FENCING AND/OR SECURITY GUARDS IN ACCORDANCE WITH THE STANDARDS SET FORTH BY PACE AND THE ENGINEER.
4. THE CONTRACTOR MUST SWEEP REGULARLY DURING CONSTRUCTION.
5. SEE THE EASEMENT AGREEMENT WITH PACE INCLUDED AS APPENDICES. CONTRACTOR TO REVIEW EASEMENT AGREEMENT ON SECURITY, SCHEDULING PROJECT WORK, TRAFFIC, FENCING, SWEEPING, AND STAGING ON PACE PROPERTY.

1 MAINTENANCE OF TRAFFIC - PACE BUS FACILITY
 SCALE: 1" = 100'



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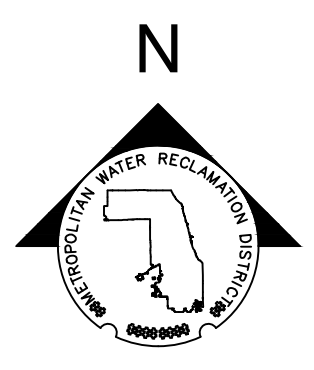
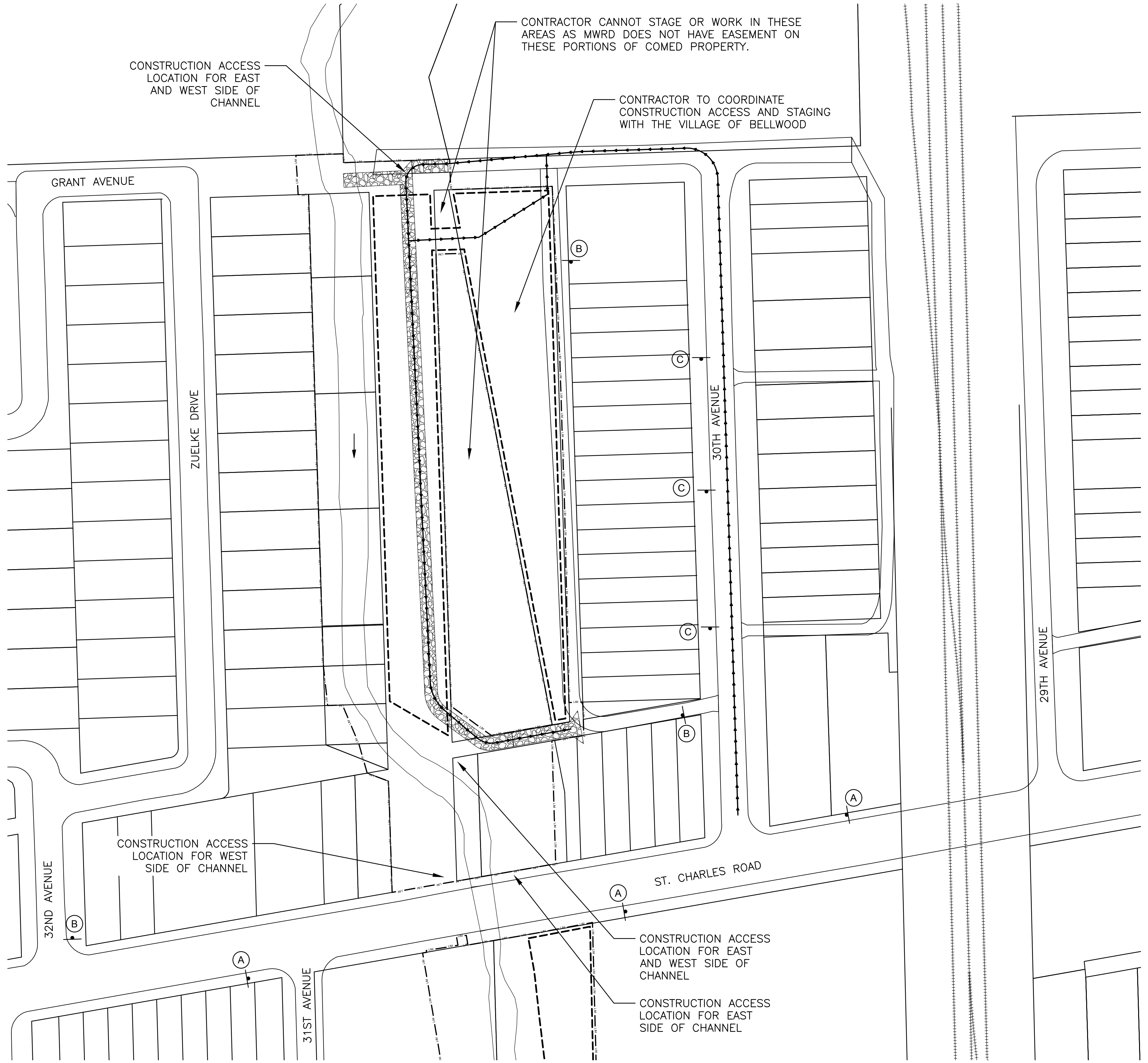
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Drawn by:	KSS	Reviewed by:	JAW	Date:	2022
Correct:					

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

MAINTENANCE OF TRAFFIC - REACH 3

Sheet Number:
CT-104

Page Number: 55



LEGEND

- (A) W21-1104 (MODIFIED), 36"X36" (3 EA.)
- (B) R12-4 (MODIFIED), 36"X24" (3 EA.)
- (C) R8-3a (MODIFIED), 18"X24" (3 EA.)
- SIGN ON PORTABLE OR PERMANENT SUPPORT (9 EA.)
- CONSTRUCTION TRAFFIC ACCESS ROUTE
- CONSTRUCTION LIMITS
- CONSTRUCTION STAGING AREA

NOTES:

1. ENTRANCES TO RESIDENCES AND BUSINESSES TO REMAIN OPEN DURING CONSTRUCTION.
2. CONSTRUCTION ACCESS POINTS TO BE COORDINATED WITH ENGINEER AND PROPERTY OWNERS AS REQUIRED.
3. CONTRACTOR TO RESTORE AREAS DAMAGED OR IMPACTED BY CONSTRUCTION ACCESS, AND STAGING IN-KIND IN ACCORDANCE WITH THE ENGINEER.
4. CONSTRUCTION TRAFFIC PROHIBITED IN RESIDENTIAL ALLEYS EXCEPT FOR WHERE SHOWN IN PLANS.

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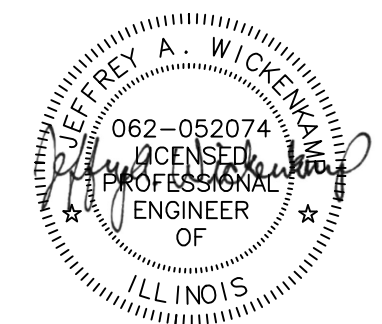
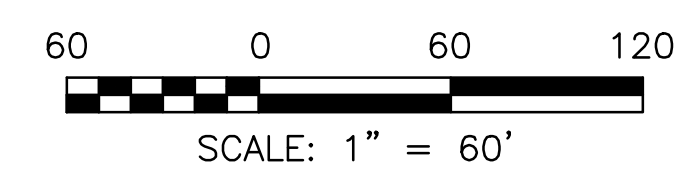
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Drawn by:	KSS	Reviewed by:	JAW	Date:	2022
Correct:					

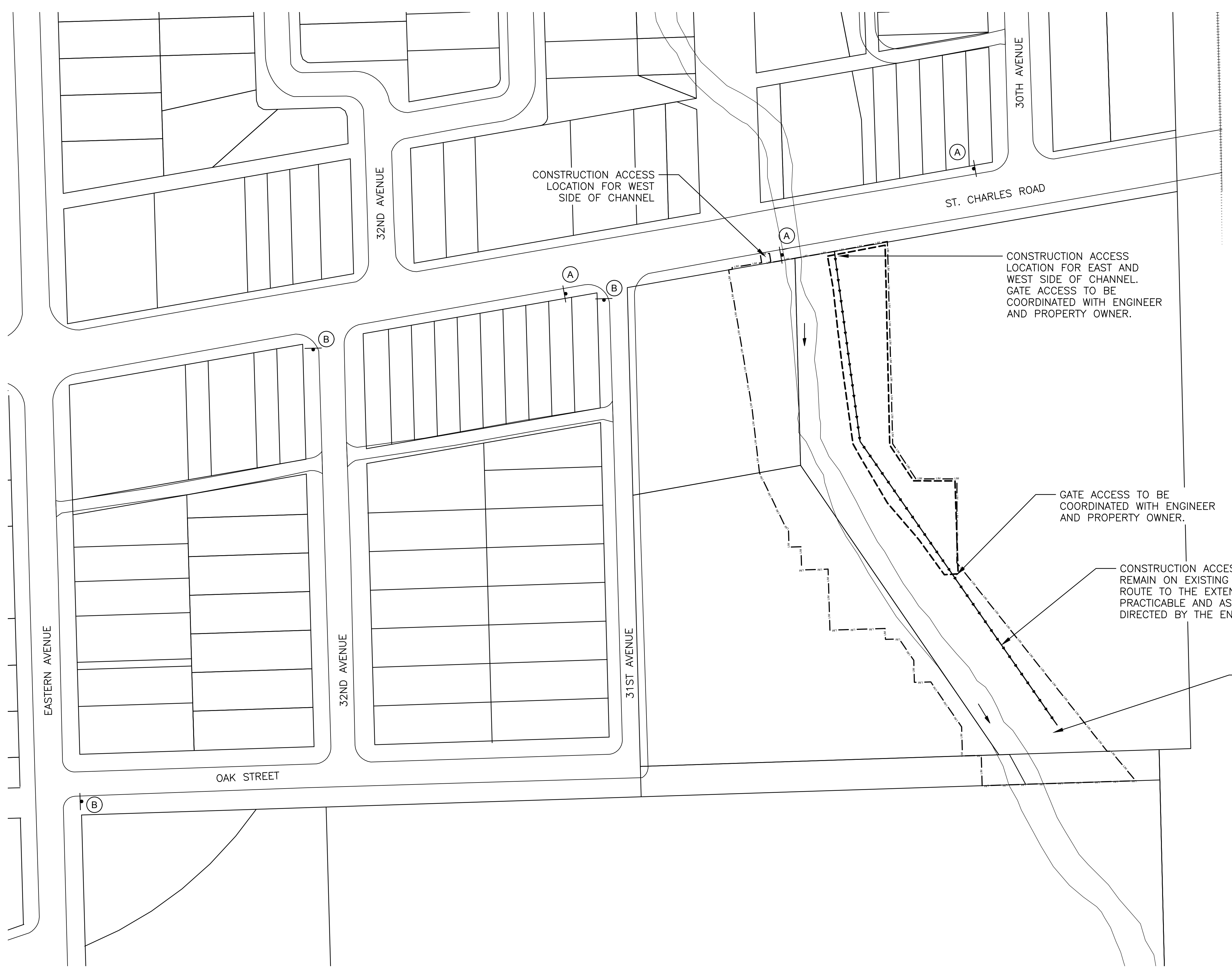
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

MAINTENANCE OF TRAFFIC - REACH 4

Sheet Number:
CT-105

Page Number: 56





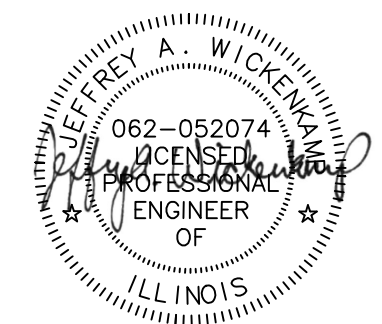
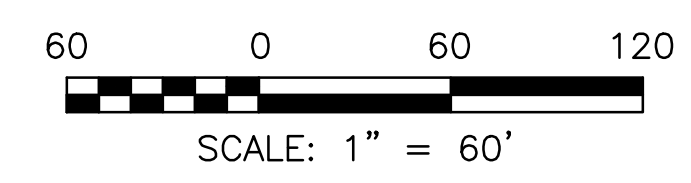
IN ACCORDANCE WITH THE EASEMENT DOCUMENTS, CONSTRUCTION WORK SHALL NOT INTERFERE WITH OR IMPEDE THE RIGHTS OF COM ED TO INSTALL AND MAINTAIN EQUIPMENT RELATED TO ELECTRICAL SERVICE. THE RIGHTS OF COM ED WERE GRANTED IN EASEMENT DOCUMENT 1810029, RECORDED JUNE 6, 1962

LEGEND

- (A) W21-1104 (MODIFIED), 36"X36" (3 EA.)
- (B) R12-4 (MODIFIED), 36"X24" (3 EA.)
- SIGN ON PORTABLE OR PERMANENT SUPPORT (6 EA.)
- CONSTRUCTION TRAFFIC ACCESS ROUTE
- CONSTRUCTION LIMITS
- CONSTRUCTION STAGING AREA

NOTES:

1. ENTRANCES TO RESIDENCES AND BUSINESSES TO REMAIN OPEN DURING CONSTRUCTION.
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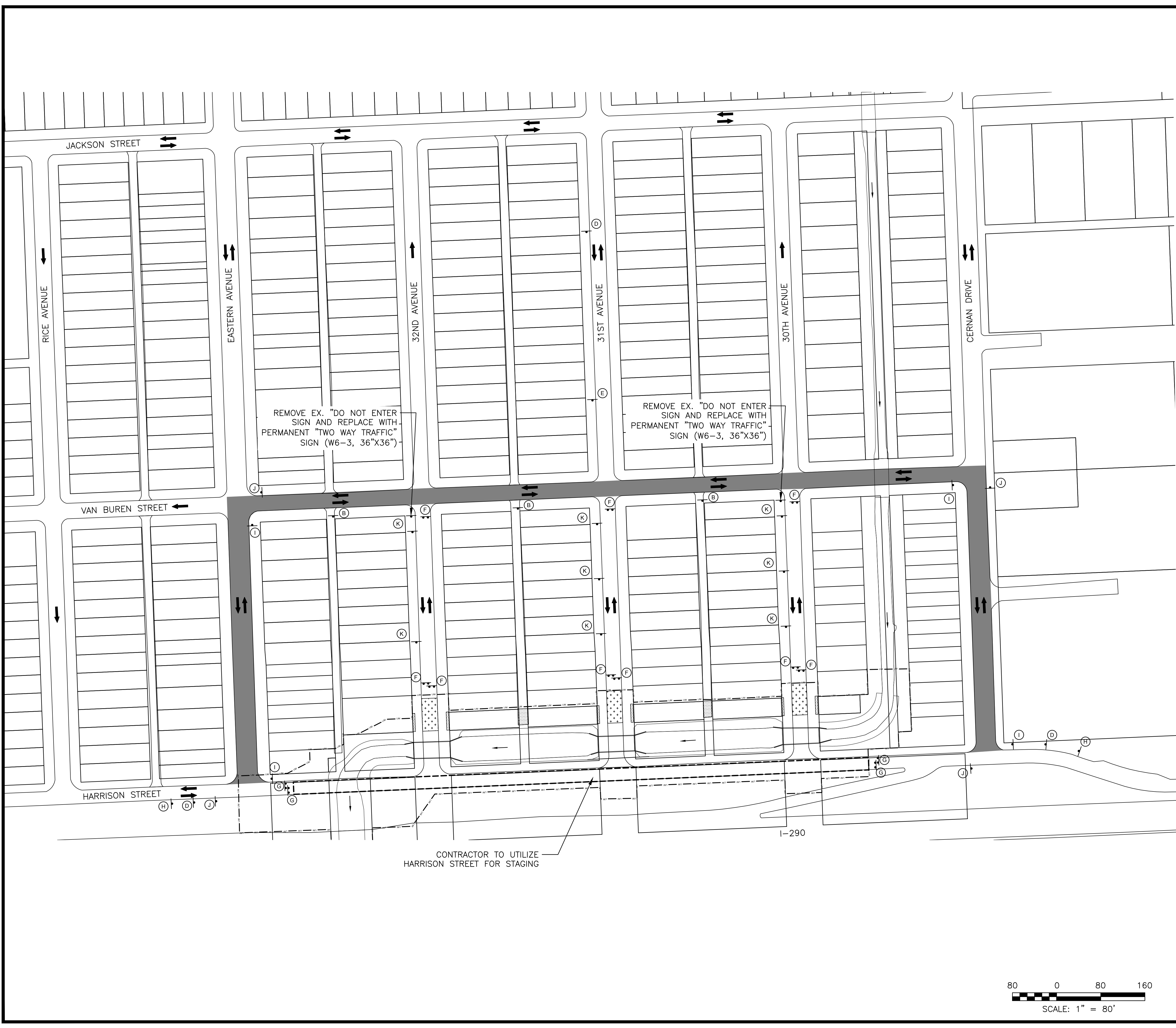
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Drawn by: KSS	Reviewed by: JAW	Date: 2022
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 PROFESSIONAL DESIGNER, FIRM LICENSE NO. 184062829

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

MAINTENANCE OF TRAFFIC - REACH 5

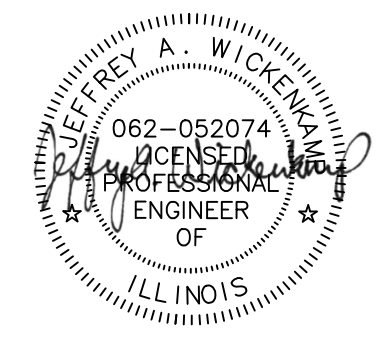
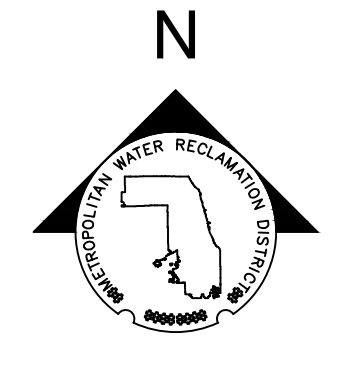
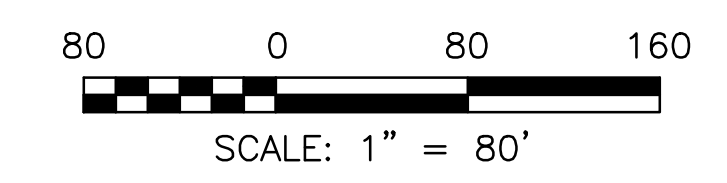


LEGEND

- (B) NO CONSTRUCTION TRAFFIC R12-4 (MODIFIED), 36"x24" (3 EA.)
- (D) ROAD CLOSED AHEAD W20-3, 36"x36" (3 EA.)
- (E) ROAD CLOSED 500 FT W20-3, 36"x36" (3 EA.)
- (F) ROAD CLOSED TO THRU TRAFFIC R11-4, 60"x30" (9 EA.)
- (G) BRIDGE OUT R11-2, 48"x30" (4 EA.)
- (H) ROAD CONSTRUCTION AHEAD W20-1, 48"x48" (2 EA.)
- (I) DETOUR M4-9R, 30"x24" (4 EA.)
- (J) DETOUR M4-9L, 30"x24" (4 EA.)
- (K) NO PARKING THIS SIDE OF STREET R7-1 (MODIFIED), 12"x18" (9 EA.)
- SIGN ON PORTABLE OR PERMANENT SUPPORT (26 EA.)
- TYPE III BARRICADE (17 EA.)
- CONSTRUCTION STAGING AREA
- AGGREGATE CONSTRUCTION ACCESS
- EX BRIDGE TO BE REMOVED
- DETOUR ROUTE
- CONSTRUCTION LIMITS
- CONSTRUCTION TRAFFIC ACCESS ROUTE

NOTES:

1. ENTRANCES TO RESIDENCES AND BUSINESSES TO REMAIN OPEN DURING CONSTRUCTION.
2. CONSTRUCTION ACCESS POINTS TO BE COORDINATED WITH ENGINEER AND PROPERTY OWNERS AS REQUIRED.
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4. CONSTRUCTION TRAFFIC PROHIBITED IN RESIDENTIAL ALLEYS EXCEPT FOR WHERE SHOWN IN PLANS.
5. CONTRACTOR TO PLACE SIGNS "F" AND "G" TO ALLOW FOR VEHICULAR TRAFFIC TO BE ABLE TO TURN AROUND ON 30TH, 31ST, AND 32ND ST.



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 Checked by: PML
 Drawn by: KSS
 Date: 2022
 Reviewed by: JAW
 Correct:

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

MAINTENANCE OF TRAFFIC - REACH 6
 PHASE I



CONTRACTOR TO UTILIZE HARRISON STREET FOR STAGING

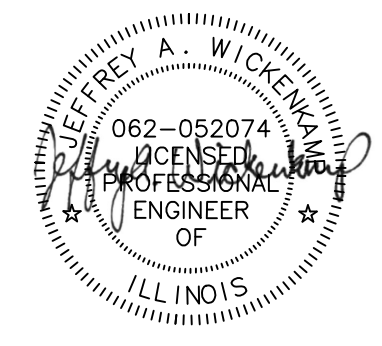
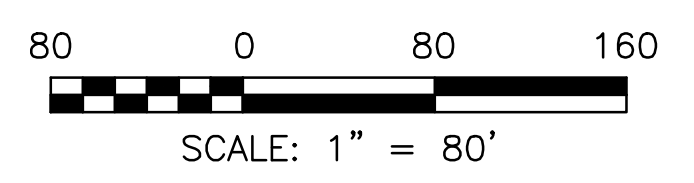
1-290

LEGEND

- (B) NO CONSTRUCTION TRAFFIC R12-4 (MODIFIED), 36"x24" (3 EA.)
- (D) ROAD CLOSED AHEAD W20-3, 36"x36" (3 EA.)
- (E) ROAD CLOSED 500 FT W20-3, 36"x36" (3 EA.)
- (F) ROAD CLOSED TO THRU TRAFFIC R11-4, 60"x30" (9 EA.)
- (G) BRIDGE OUT R11-2, 48"x30" (6 EA.)
- (H) ROAD CONSTRUCTION AHEAD W20-1, 48"x48" (2 EA.)
- (I) DETOUR M4-9R, 30"x24" (4 EA.)
- (J) DETOUR M4-9L, 30"x24" (4 EA.)
- (K) NO PARKING THIS SIDE OF STREET R7-1 (MODIFIED), 12"x18" (9 EA.)
- SIGN ON PORTABLE OR PERMANENT SUPPORT (29 EA.)
- TYPE III BARRICADE (14 EA.)
- CONSTRUCTION STAGING AREA
- ▨ AGGREGATE CONSTRUCTION ACCESS
- ▩ EX BRIDGE TO BE REMOVED
- DETOUR ROUTE
- - - CONSTRUCTION LIMITS
- - - CONSTRUCTION TRAFFIC ACCESS ROUTE

NOTES:

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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

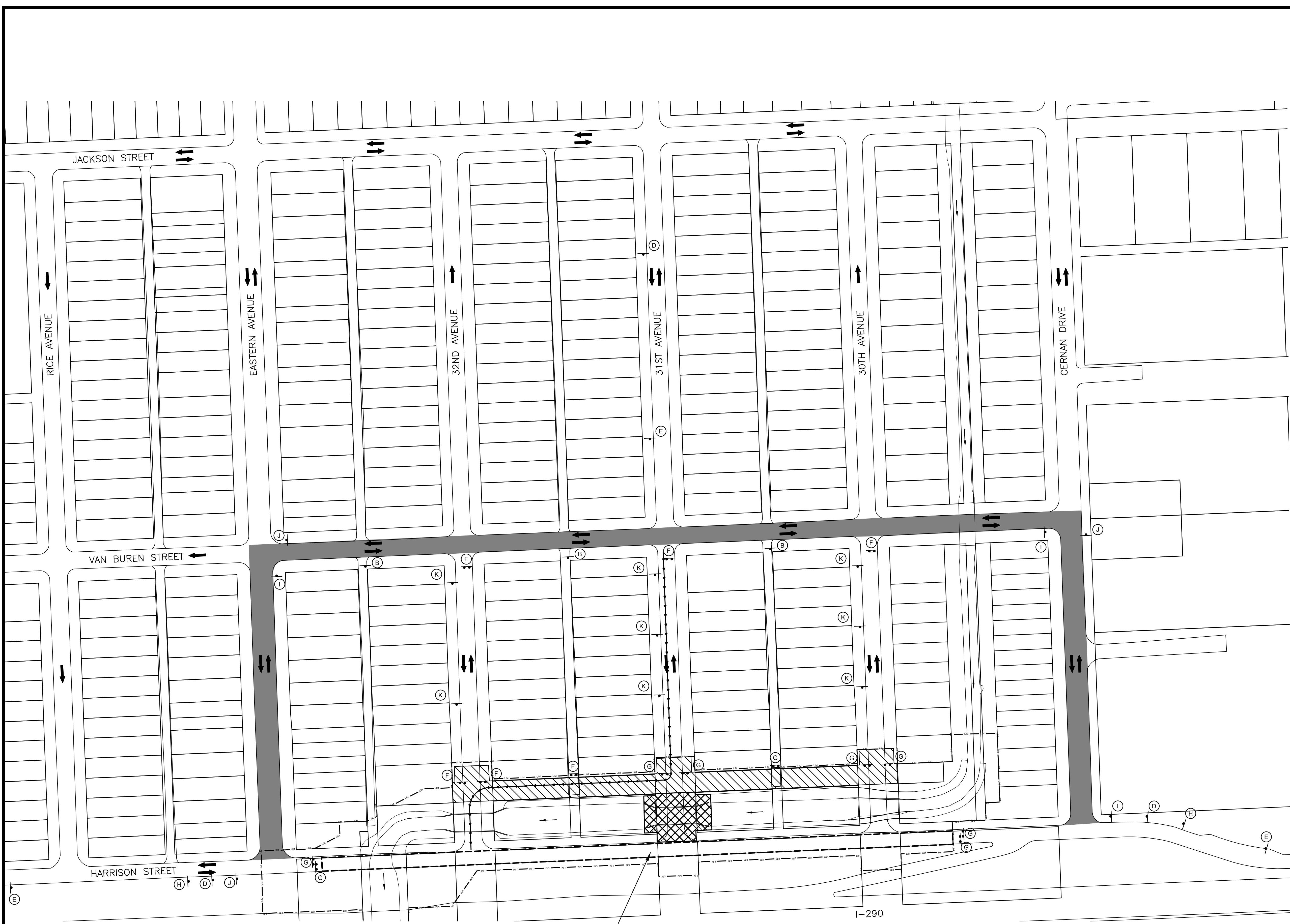
Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HIGGINS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
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 CHICAGO@HEYASAC.COM

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 Drawn by: KSS
 Reviewed by: JAW
 Date: 2022

Designed by: TCT/KSS
 Correct:

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

MAINTENANCE OF TRAFFIC - REACH 6
 PHASE II



CONTRACTOR TO UTILIZE HARRISON STREET FOR STAGING

1-290

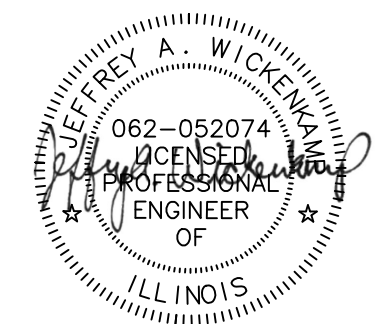
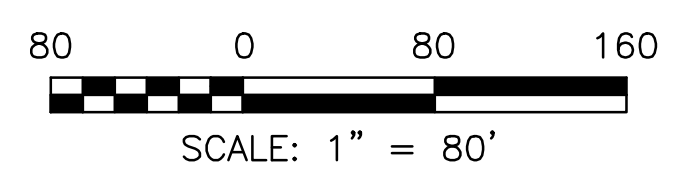


LEGEND

- (B) NO CONSTRUCTION TRAFFIC R12-4 (MODIFIED), 36"x24" (3 EA.)
- (D) ROAD CLOSED AHEAD W20-3, 36"x36" (3 EA.)
- (E) ROAD CLOSED 500 FT W20-3, 36"x36" (3 EA.)
- (F) ROAD CLOSED TO THRU TRAFFIC R11-4, 60"x30" (6 EA.)
- (G) BRIDGE OUT R11-2, 48"x30" (9 EA.)
- (H) ROAD CONSTRUCTION AHEAD W20-1, 48"x48" (2 EA.)
- (I) DETOUR M4-9R, 30"x24" (4 EA.)
- (J) DETOUR M4-9L, 30"x24" (4 EA.)
- (K) NO PARKING THIS SIDE OF STREET R7-1 (MODIFIED), 12"x18" (9 EA.)
- SIGN ON PORTABLE OR PERMANENT SUPPORT (29 EA.)
- TYPE III BARRICADE (14 EA.)
- CONSTRUCTION STAGING AREA
- AGGREGATE CONSTRUCTION ACCESS
- EX BRIDGE TO BE REMOVED
- DETOUR ROUTE
- CONSTRUCTION LIMITS
- CONSTRUCTION TRAFFIC ACCESS ROUTE

NOTES:

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5. CONTRACTOR TO PLACE SIGNS "F" AND "G" TO ALLOW FOR VEHICULAR TRAFFIC TO BE ABLE TO TURN AROUND ON 30TH, 31ST, AND 32ND ST.



Rev.	Description	Appr.	Date

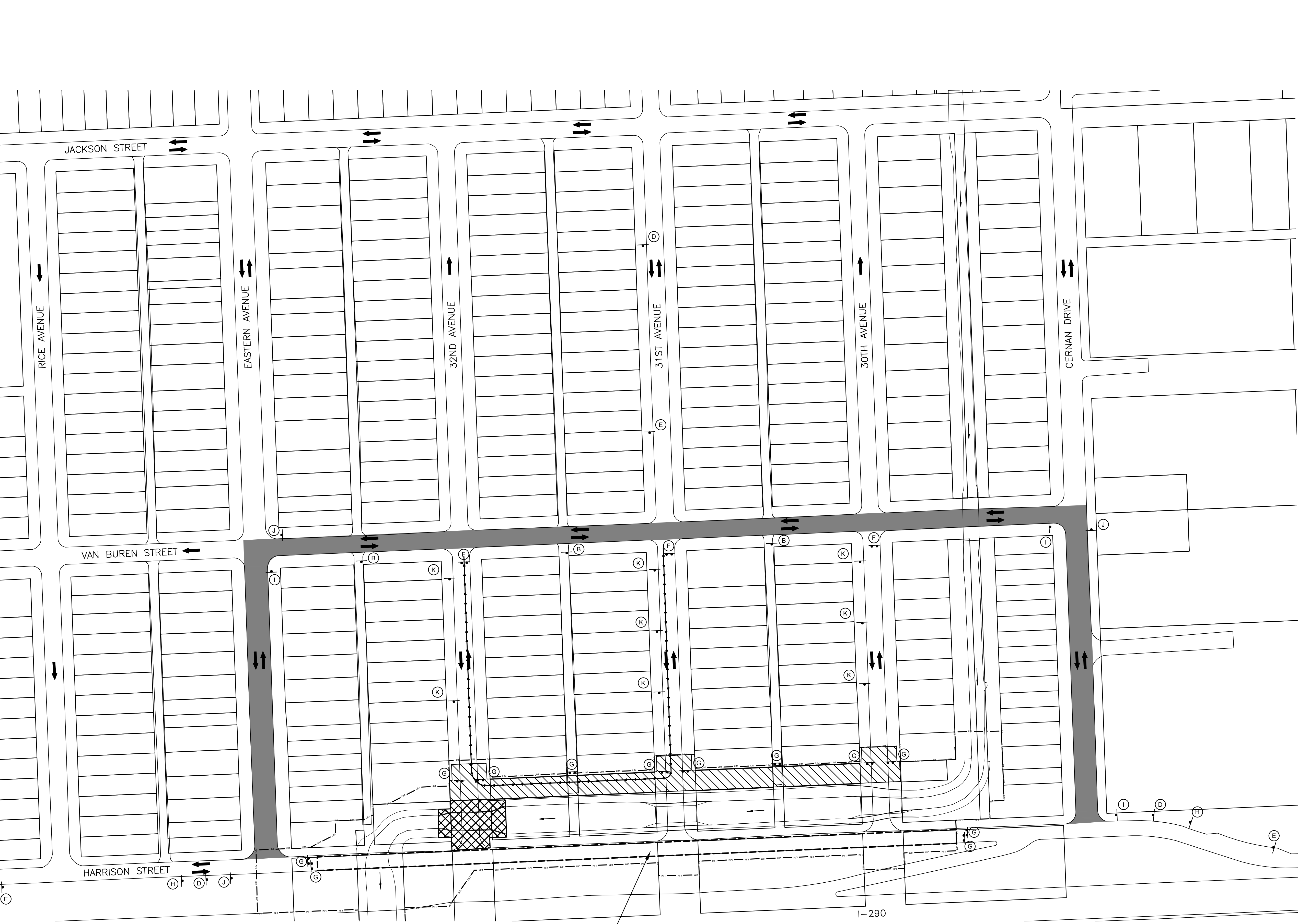
METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

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 CHICAGO@HEYANDASSOCIATES.COM

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 Drawn by: KSS
 Date: 2022
 Reviewed by: JAW
 Correct:

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

MAINTENANCE OF TRAFFIC - REACH 6
 PHASE III



CONTRACTOR TO UTILIZE HARRISON STREET FOR STAGING

1-290

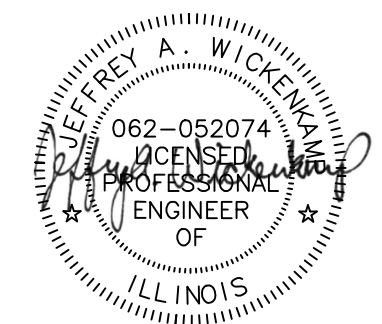
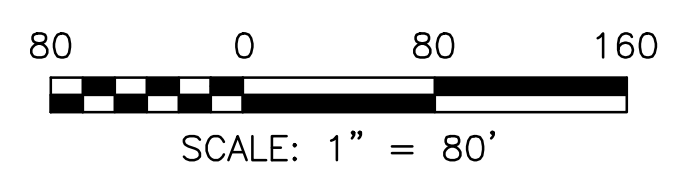


LEGEND

- (B) NO CONSTRUCTION TRAFFIC R12-4 (MODIFIED), 36"x24" (3 EA.)
- (D) ROAD CLOSED AHEAD W20-3, 36"x36" (3 EA.)
- (E) ROAD CLOSED 500 FT W20-3, 36"x36" (3 EA.)
- (F) ROAD CLOSED TO THRU TRAFFIC R11-4, 60"x30" (3 EA.)
- (G) BRIDGE OUT R11-2, 48"x30" (12 EA.)
- (H) ROAD CONSTRUCTION AHEAD W20-1, 48"x48" (2 EA.)
- (I) DETOUR (right arrow) M4-9R, 30"x24" (4 EA.)
- (J) DETOUR (left arrow) M4-9L, 30"x24" (4 EA.)
- (K) NO PARKING THIS SIDE OF STREET R7-1 (MODIFIED), 12"x18" (9 EA.)
- SIGN ON PORTABLE OR PERMANENT SUPPORT (29 EA.)
- TYPE III BARRICADE (14 EA.)
- CONSTRUCTION STAGING AREA
- ▨ AGGREGATE CONSTRUCTION ACCESS
- ▩ EX BRIDGE TO BE REMOVED
- DETOUR ROUTE
- - - CONSTRUCTION LIMITS
- - - CONSTRUCTION TRAFFIC ACCESS ROUTE

NOTES:

1. ENTRANCES TO RESIDENCES AND BUSINESSES TO REMAIN OPEN DURING CONSTRUCTION.
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5. CONTRACTOR TO PLACE SIGNS "F" AND "G" TO ALLOW FOR VEHICULAR TRAFFIC TO BE ABLE TO TURN AROUND ON 30TH, 31ST, AND 32ND ST.



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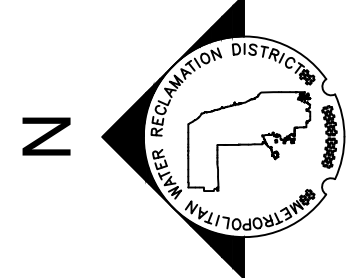
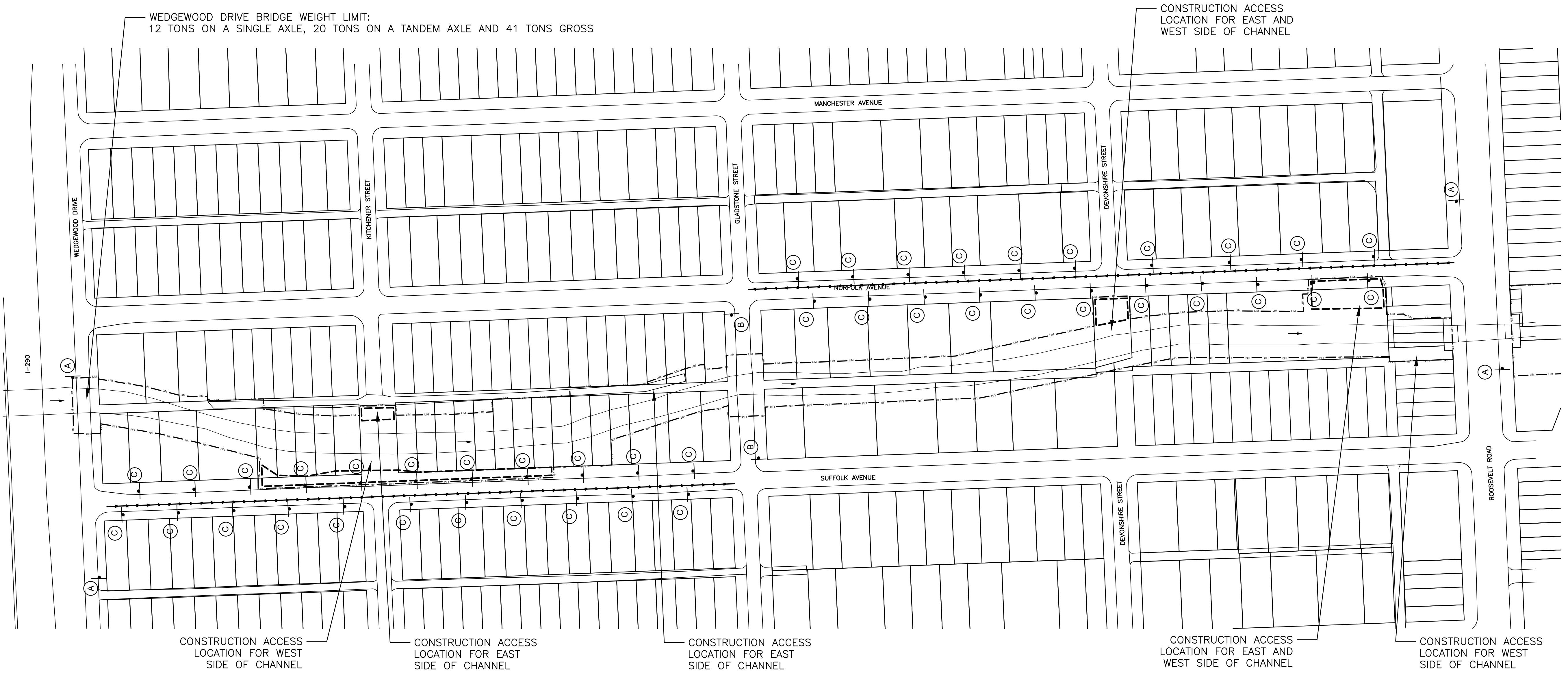
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 ADDISON CREEK CHANNEL IMPROVEMENTS

MAINTENANCE OF TRAFFIC - REACH 6
 PHASE IV

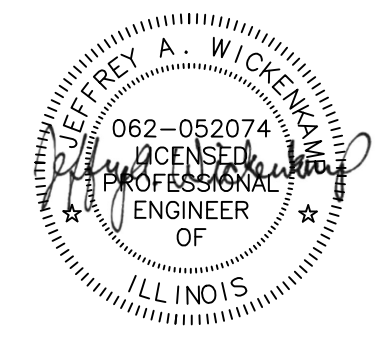
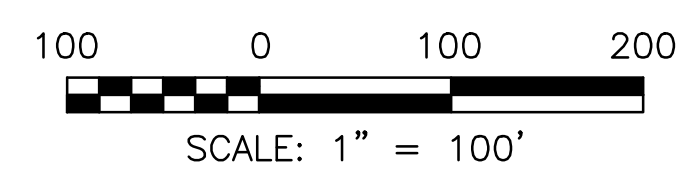


LEGEND

- (A) W21-1104 (MODIFIED), 36"x36" (4 EA.)
- (B) R12-4 (MODIFIED), 36"x24" (2 EA.)
- (C) R8-3a (MODIFIED), 18"x24" (44 EA.)
- SIGN ON PORTABLE OR PERMANENT SUPPORT (50 EA.)
- CONSTRUCTION TRAFFIC ACCESS ROUTE
- CONSTRUCTION LIMITS
- CONSTRUCTION STAGING AREA

NOTES:

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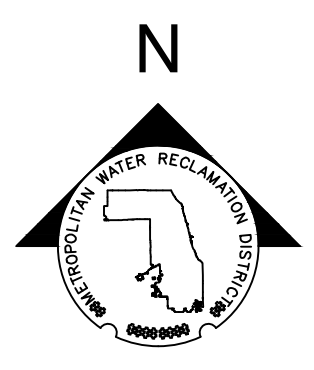
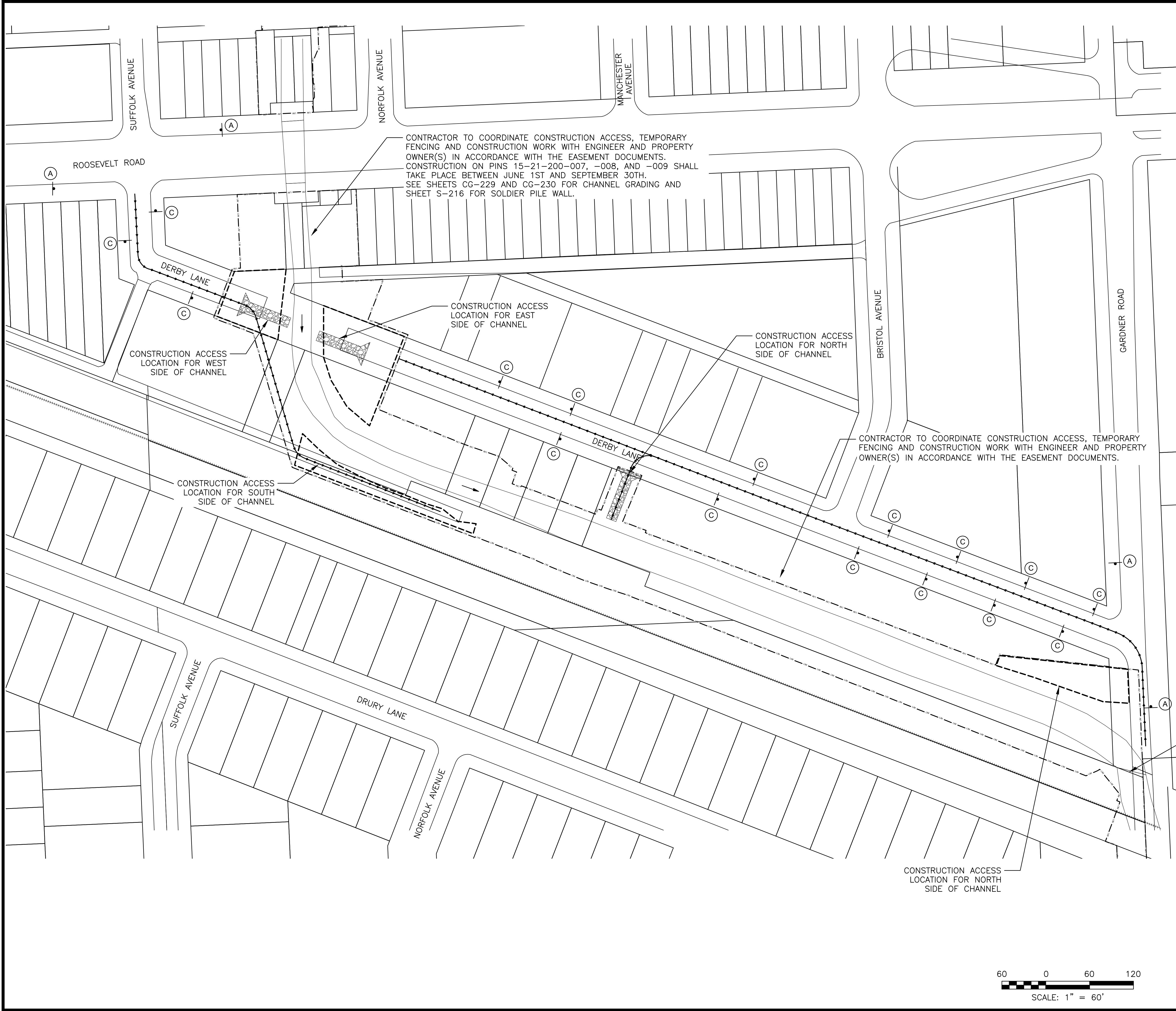
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 LICENSE NO. 184004289

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

MAINTENANCE OF TRAFFIC - REACH 7

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 PLOT DATE: 10/3/2022 4:41 PM PLOTTED BY: KYLE SOLNER

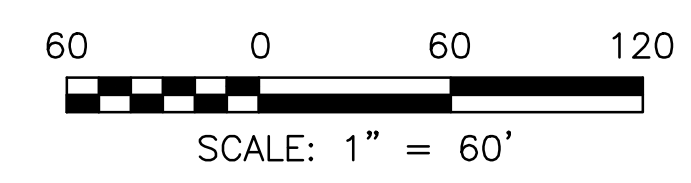


LEGEND

- (A) W21-1104 (MODIFIED), 36"x36" (4 EA.)
- (C) R8-3a (MODIFIED), 18"x24" (16 EA.)
- SIGN ON PORTABLE OR PERMANENT SUPPORT (20 EA.)
- CONSTRUCTION TRAFFIC ACCESS ROUTE
- CONSTRUCTION LIMITS
- CONSTRUCTION STAGING AREA

NOTES:

1. ENTRANCES TO RESIDENCES AND BUSINESSES TO REMAIN OPEN DURING CONSTRUCTION.
2. CONSTRUCTION ACCESS POINTS TO BE COORDINATED WITH ENGINEER AND PROPERTY OWNERS AS REQUIRED.
3. CONTRACTOR TO RESTORE AREAS DAMAGED OR IMPACTED BY CONSTRUCTION ACCESS, AND STAGING IN-KIND IN ACCORDANCE WITH THE ENGINEER.
4. CONSTRUCTION TRAFFIC PROHIBITED IN RESIDENTIAL ALLEYS EXCEPT FOR WHERE SHOWN IN PLANS.
5. CONTRACTOR TO ALSO UTILIZE REACH 7 STAGING AREAS FOR CONSTRUCTION IN REACH 8.



Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HERCULES ROAD, SUITE 835
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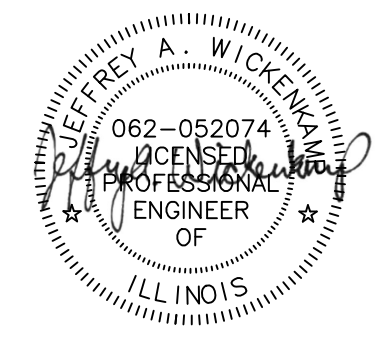
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 Designed by: KSS
 Drawn by: KSS
 Reviewed by: JAW
 Date: 2022
 Correct:

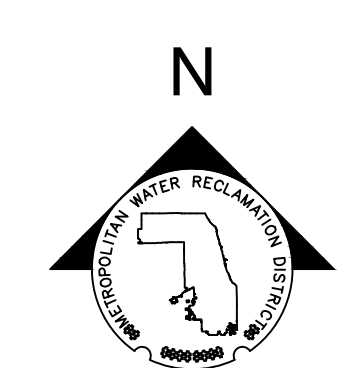
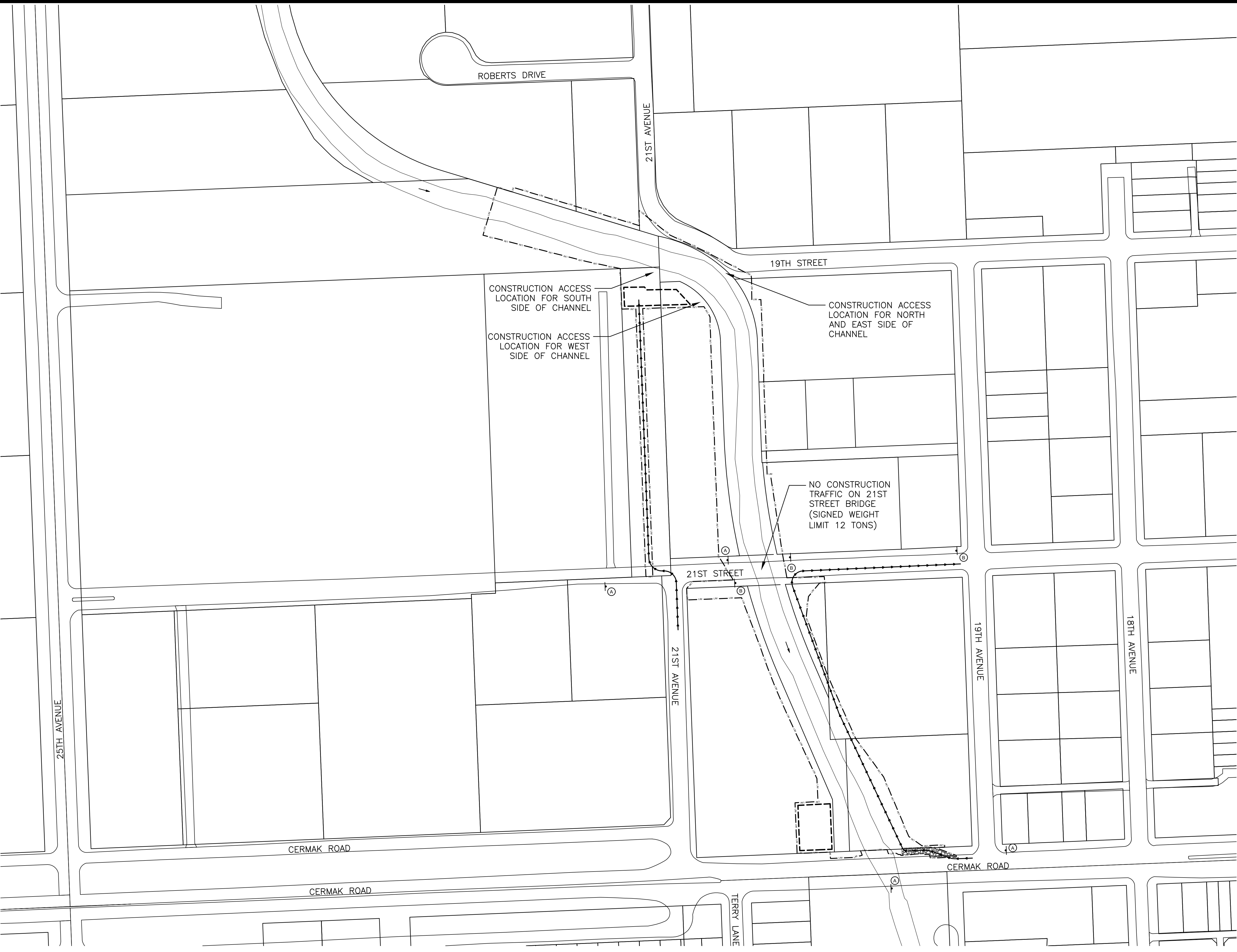
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

MAINTENANCE OF TRAFFIC - REACH 8

Sheet Number:
CT-112

Page Number: 63

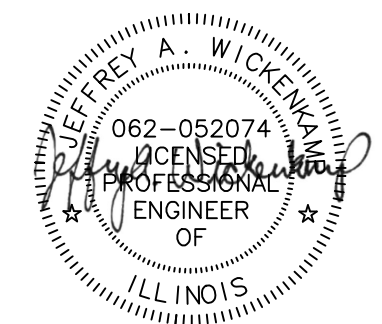
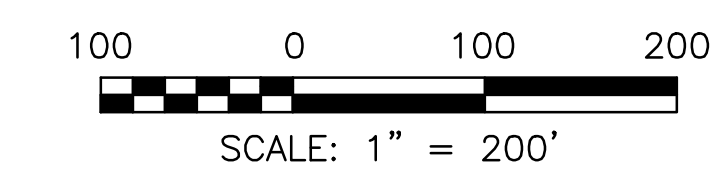




LEGEND

- (A) W21-1104 (MODIFIED), 36"X36" (4 EA.)
- (B) R12-4 (MODIFIED), 36"X24" (3 EA.)
- SIGN ON PORTABLE OR PERMANENT SUPPORT (8 EA.)
- CONSTRUCTION TRAFFIC ACCESS ROUTE
- CONSTRUCTION LIMITS
- CONSTRUCTION STAGING AREA

- NOTES:**
- ENTRANCES TO RESIDENCES AND BUSINESSES TO REMAIN OPEN DURING CONSTRUCTION.
 - CONSTRUCTION ACCESS POINTS TO BE COORDINATED WITH ENGINEER AND PROPERTY OWNERS AS REQUIRED.
 - CONTRACTOR TO RESTORE AREAS DAMAGED OR IMPACTED BY CONSTRUCTION ACCESS, AND STAGING IN-KIND IN ACCORDANCE WITH THE ENGINEER.
 - CONSTRUCTION TRAFFIC PROHIBITED IN RESIDENTIAL ALLEYS EXCEPT FOR WHERE SHOWN IN PLANS.



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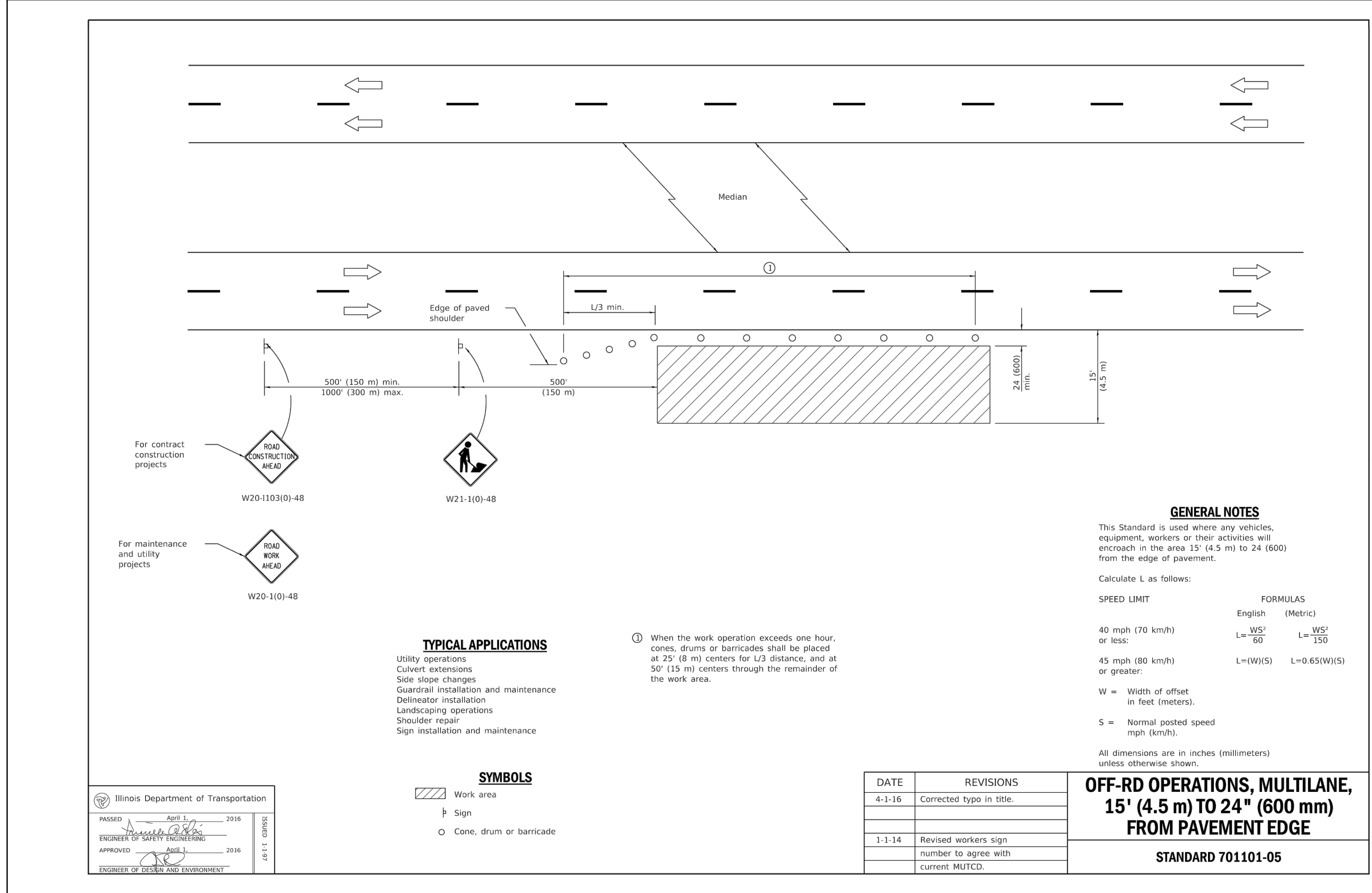
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Drawn by:	KSS	Reviewed by:	JAW	Date:	2022
Correct:					

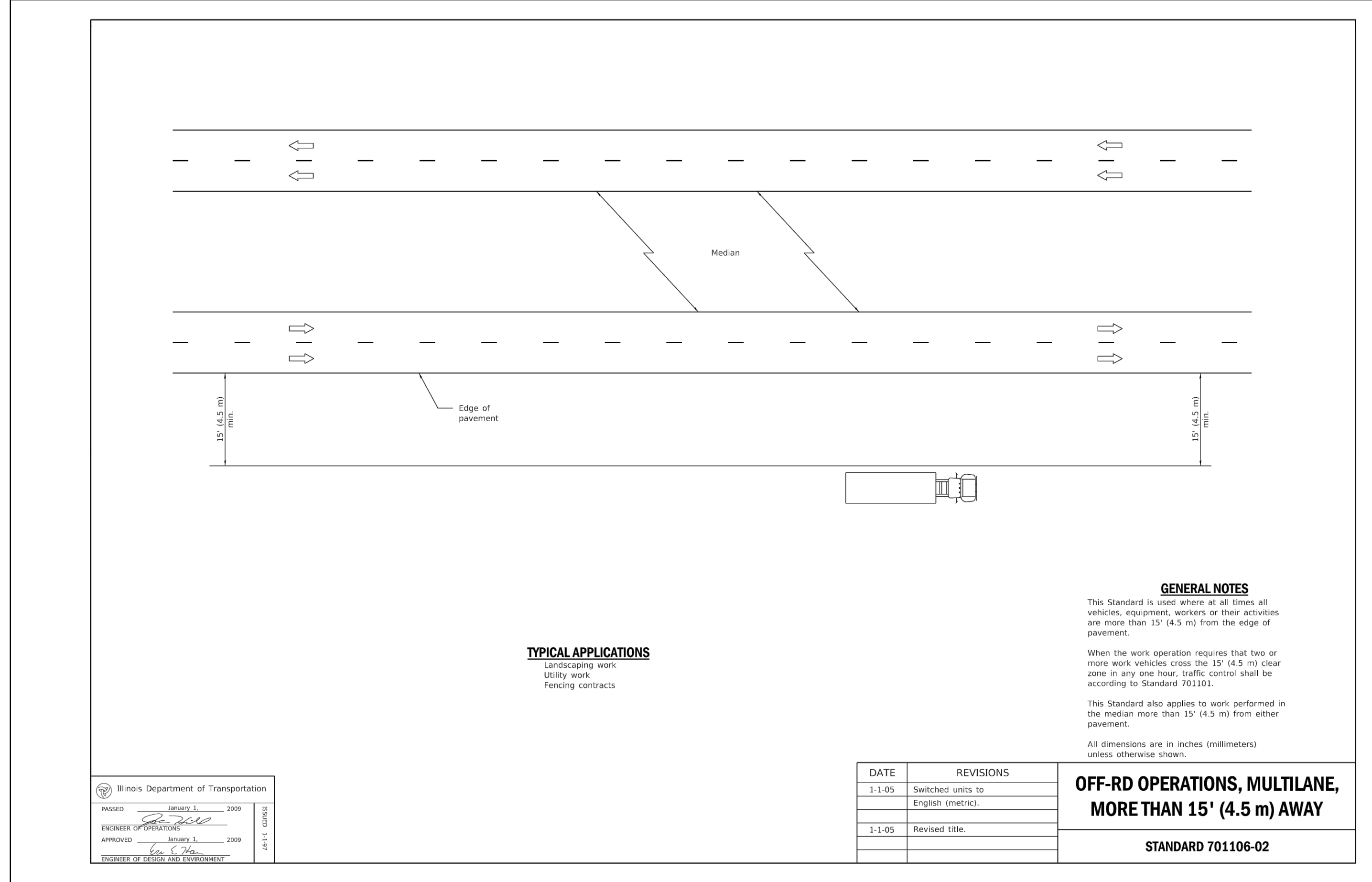
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

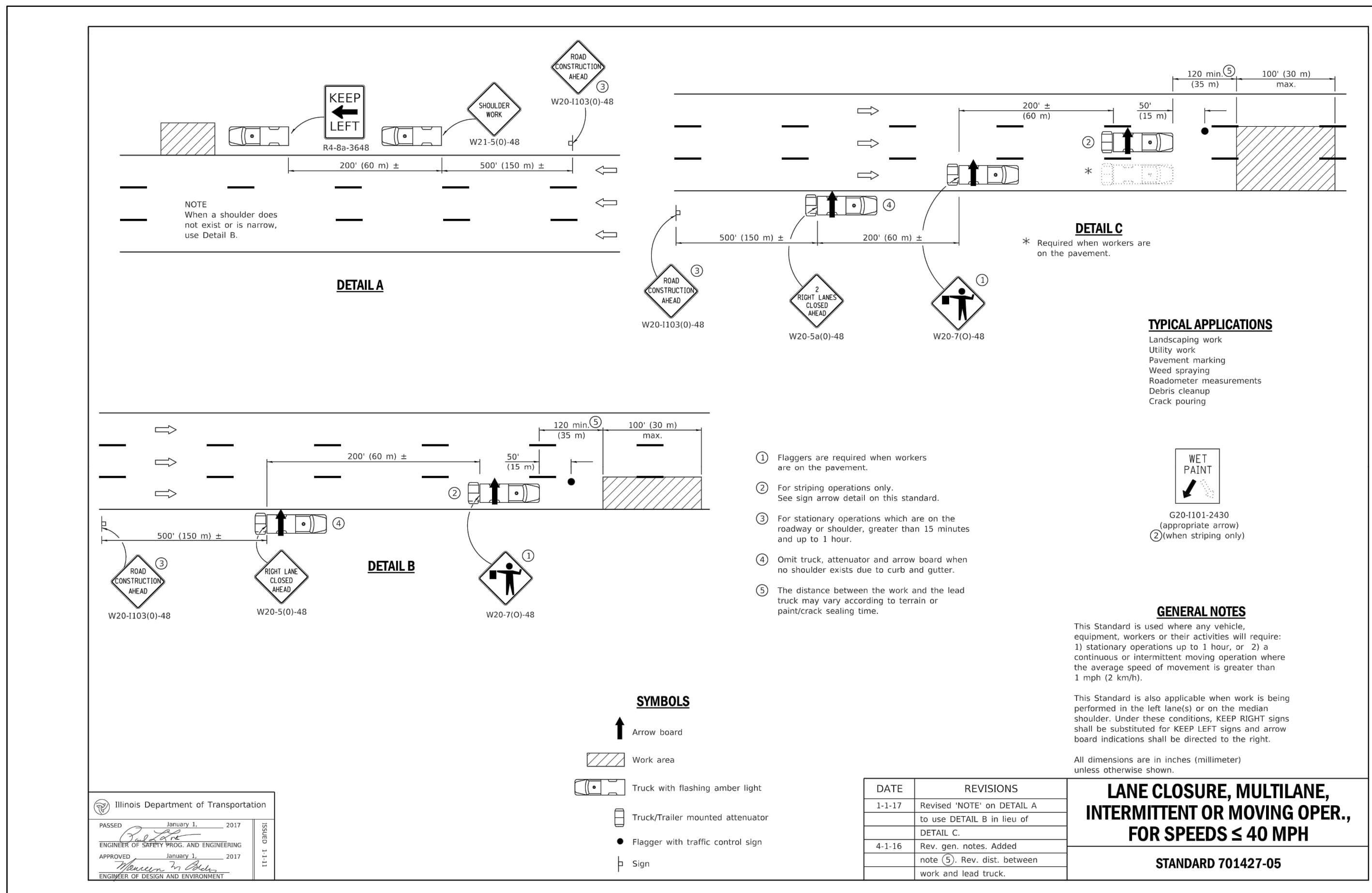
MAINTENANCE OF TRAFFIC -- REACH 9



1 OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
 SCALE: NTS



2 OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
 SCALE: NTS



3 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS < 40 MPH
 SCALE: NTS

Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

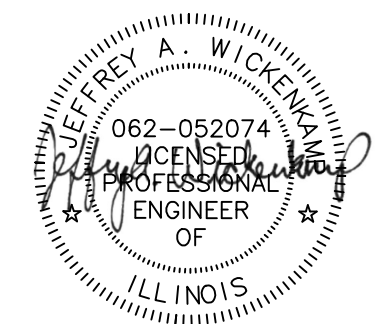
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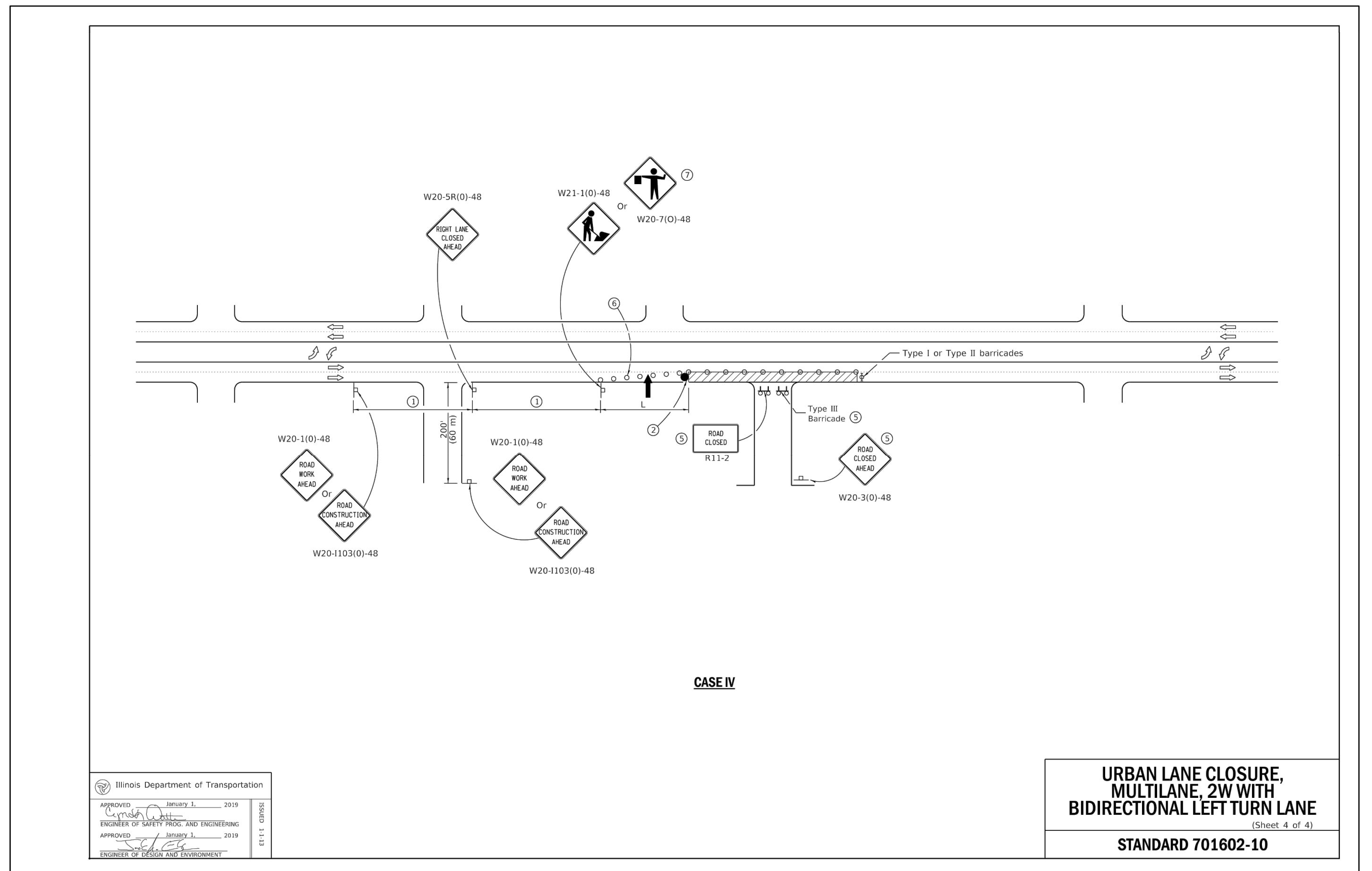
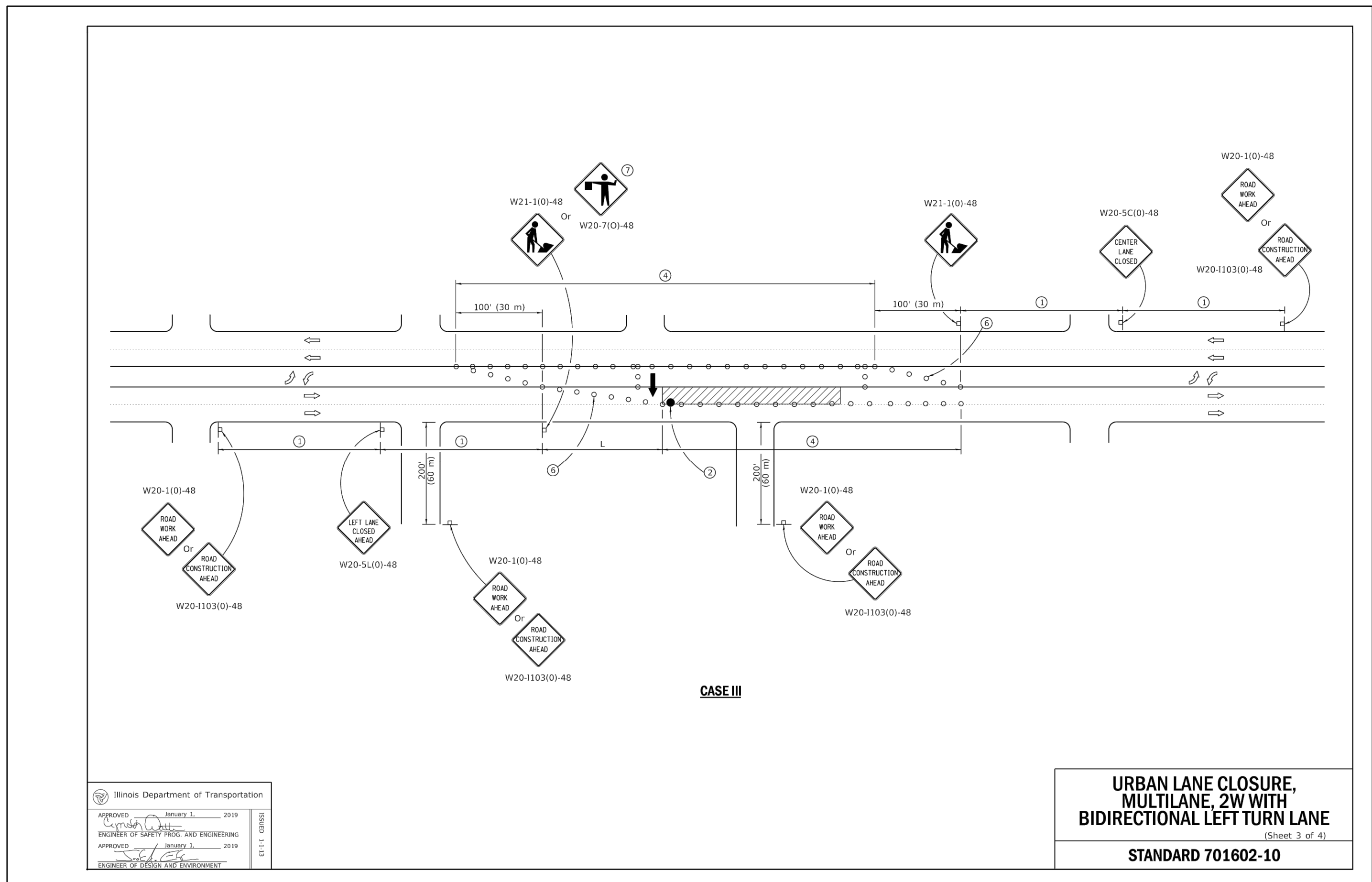
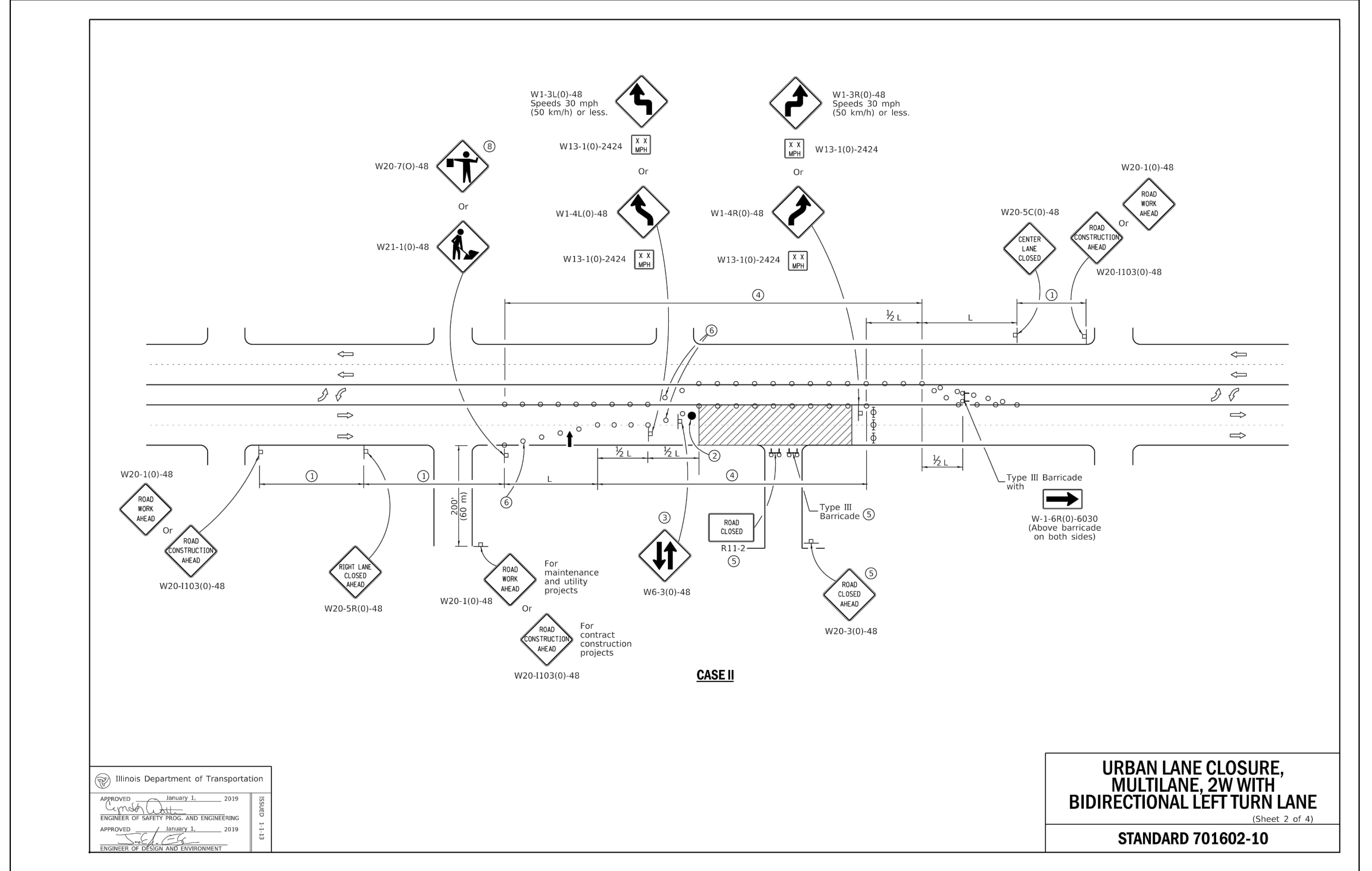
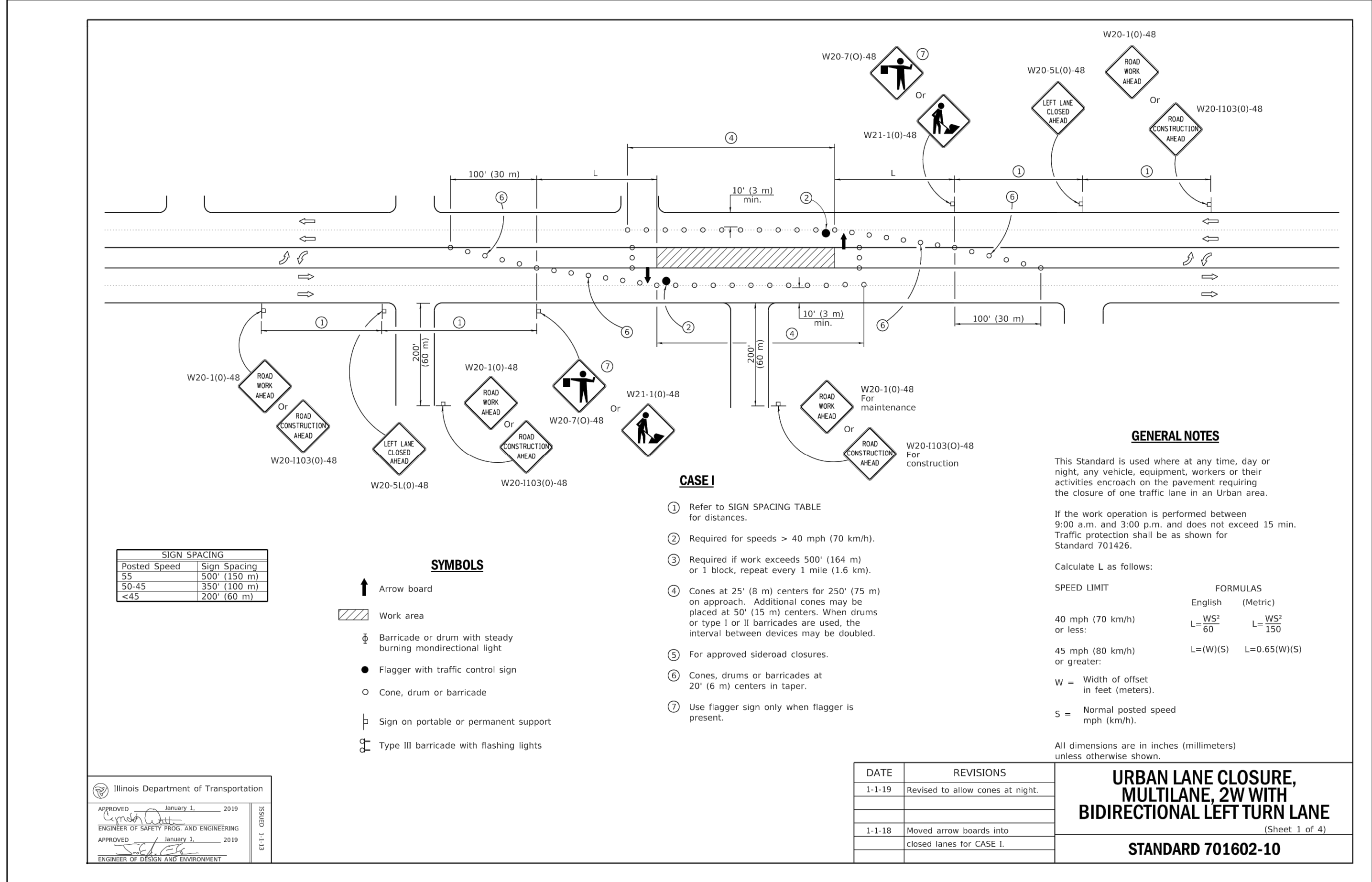
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 LICENSE: No. 184/002429
 PROFESSIONAL DESIGNER, ENVIRONMENTAL ENGINEER

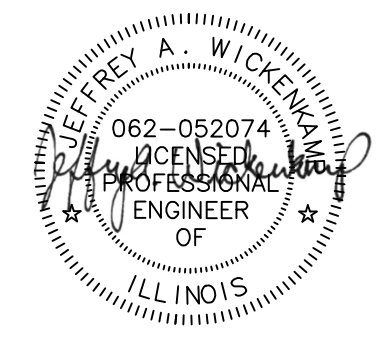
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

MAINTENANCE OF TRAFFIC DETAILS





1 URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
SCALE: NTS



Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

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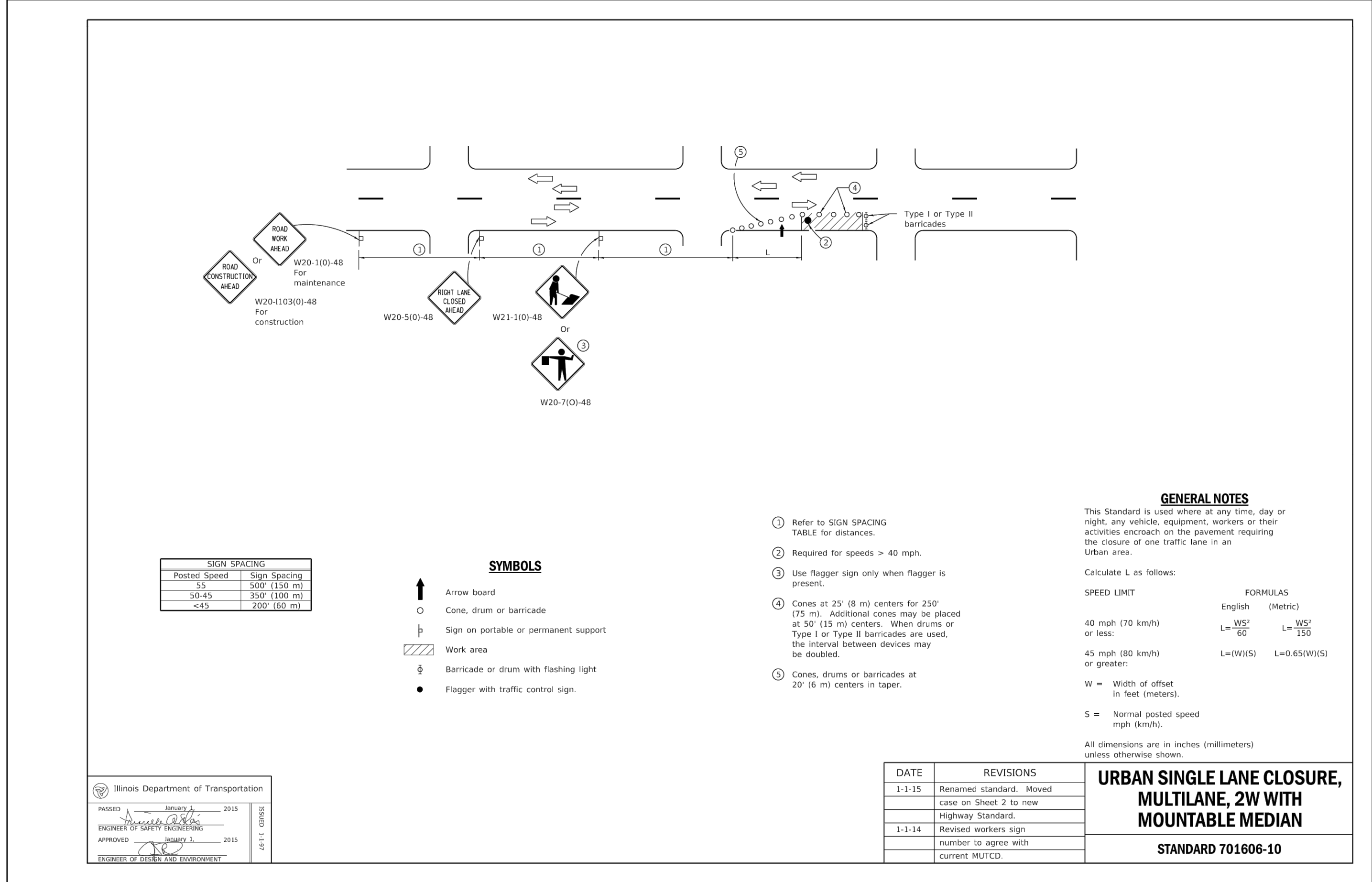
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Date: 2022

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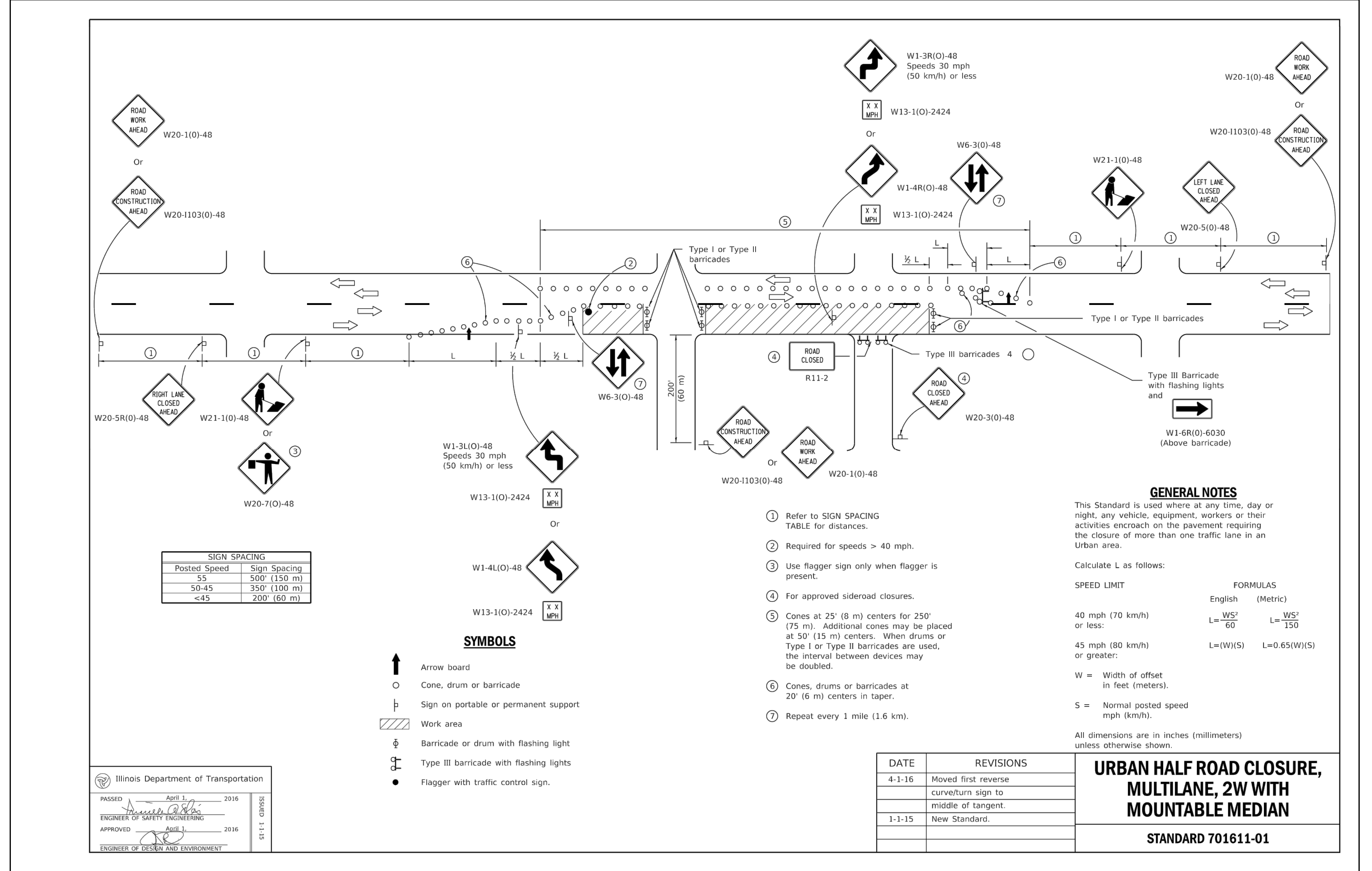
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CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

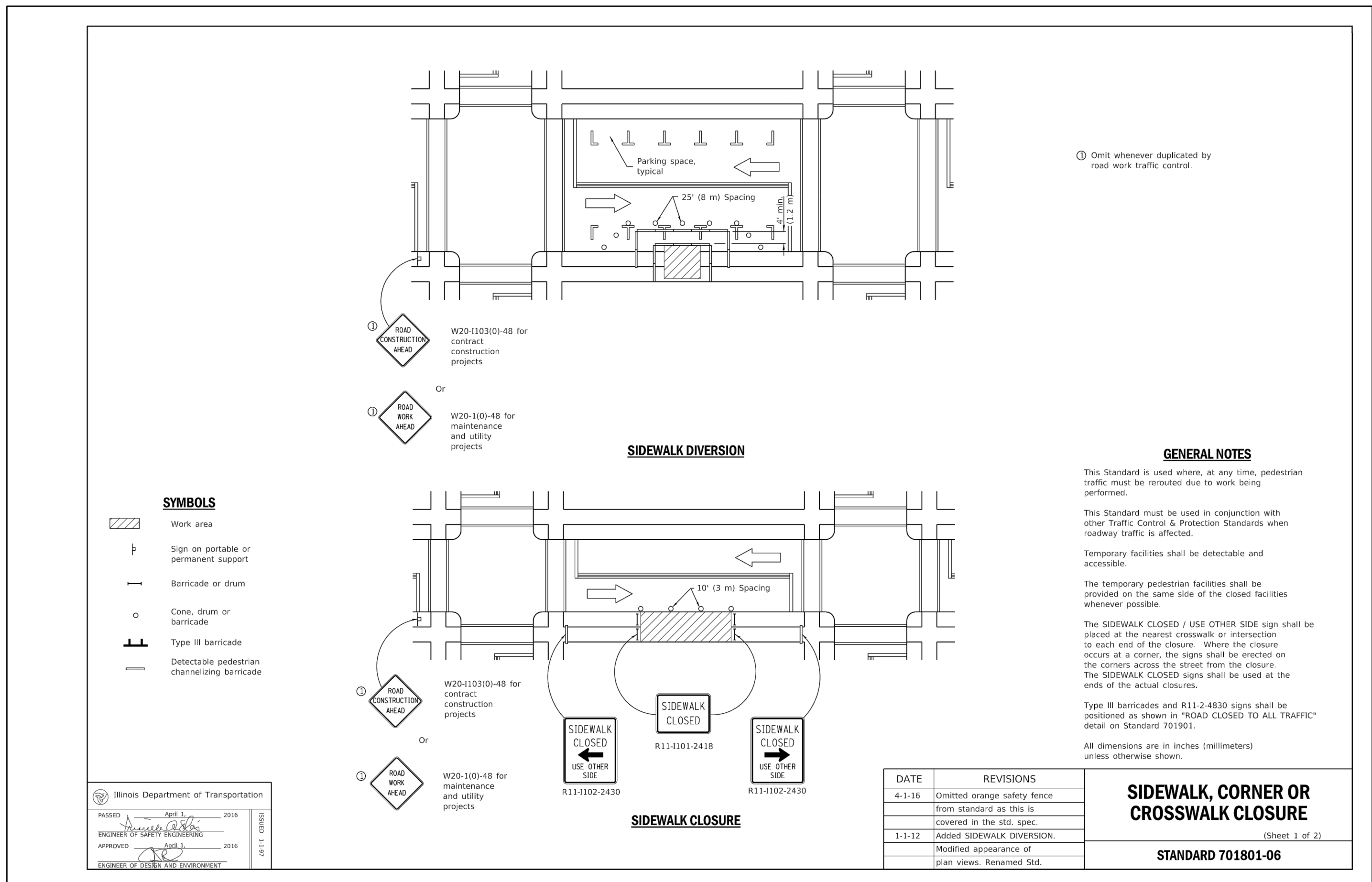
MAINTENANCE OF TRAFFIC DETAILS



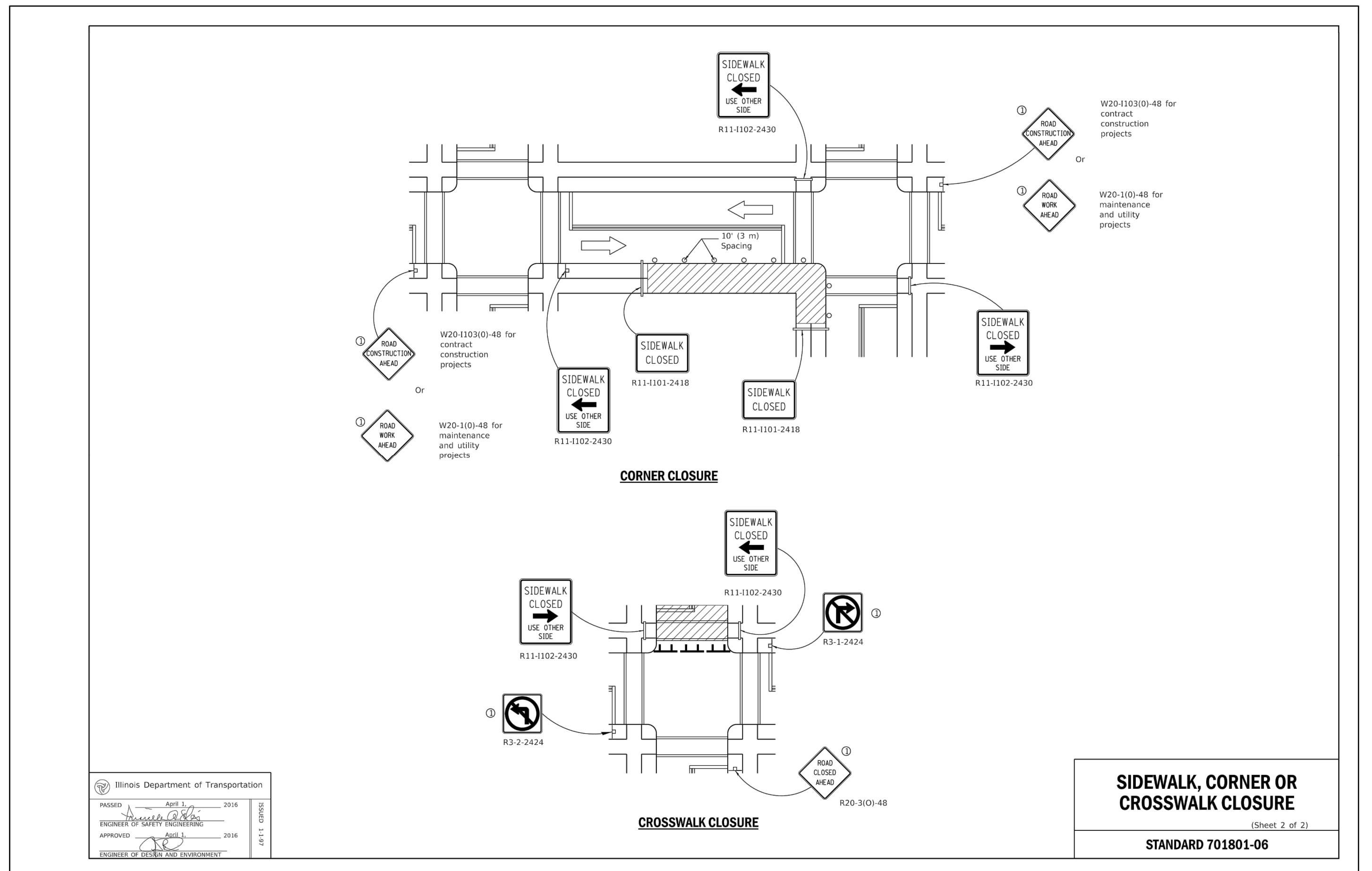
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 SCALE: NTS



2 URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
 SCALE: NTS



3 SIDEWALK, CORNER OR CROSSWALK CLOSURE
 SCALE: NTS



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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

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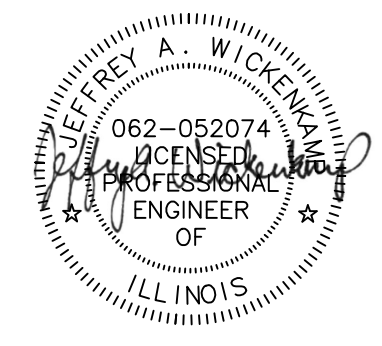
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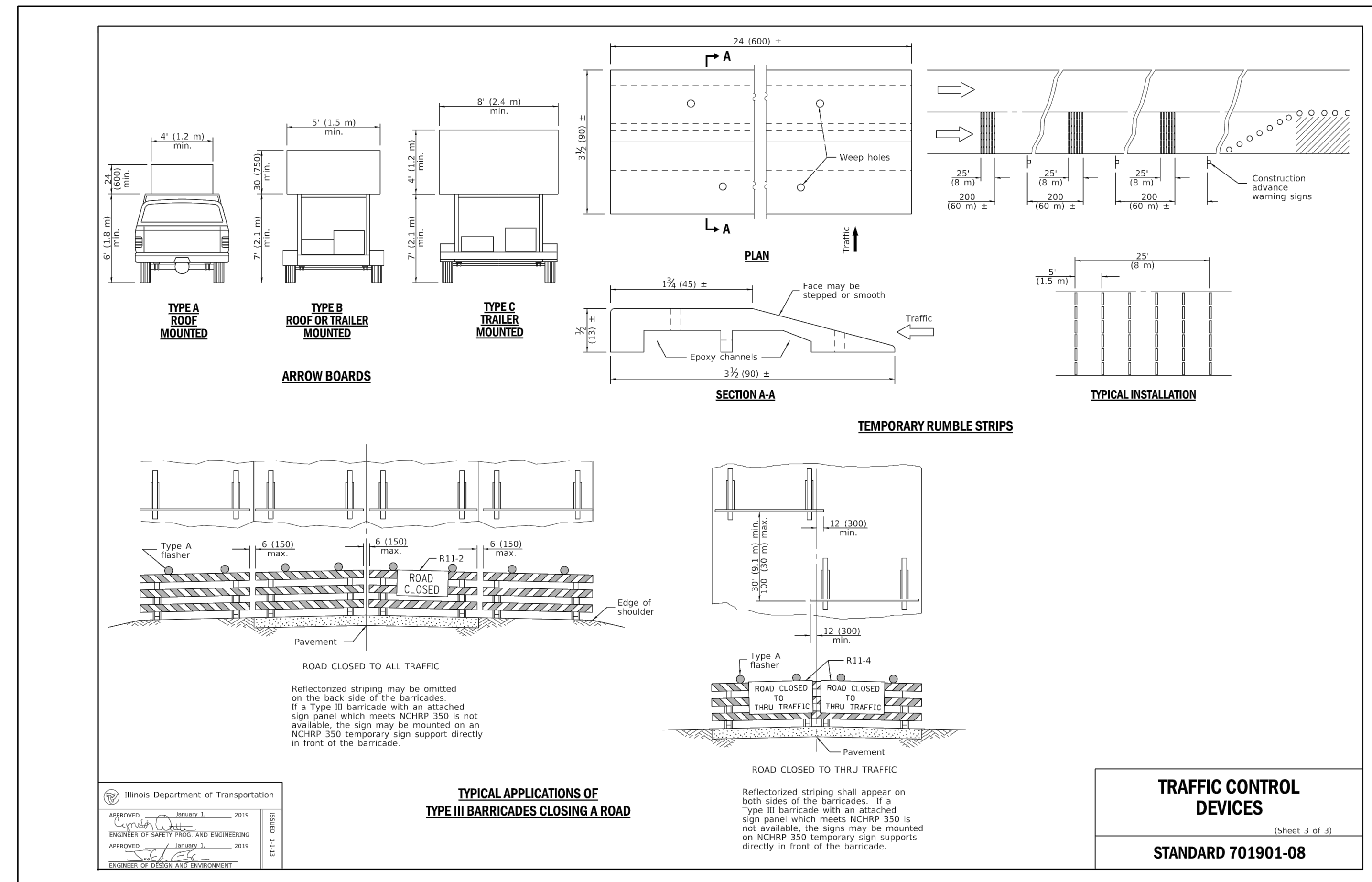
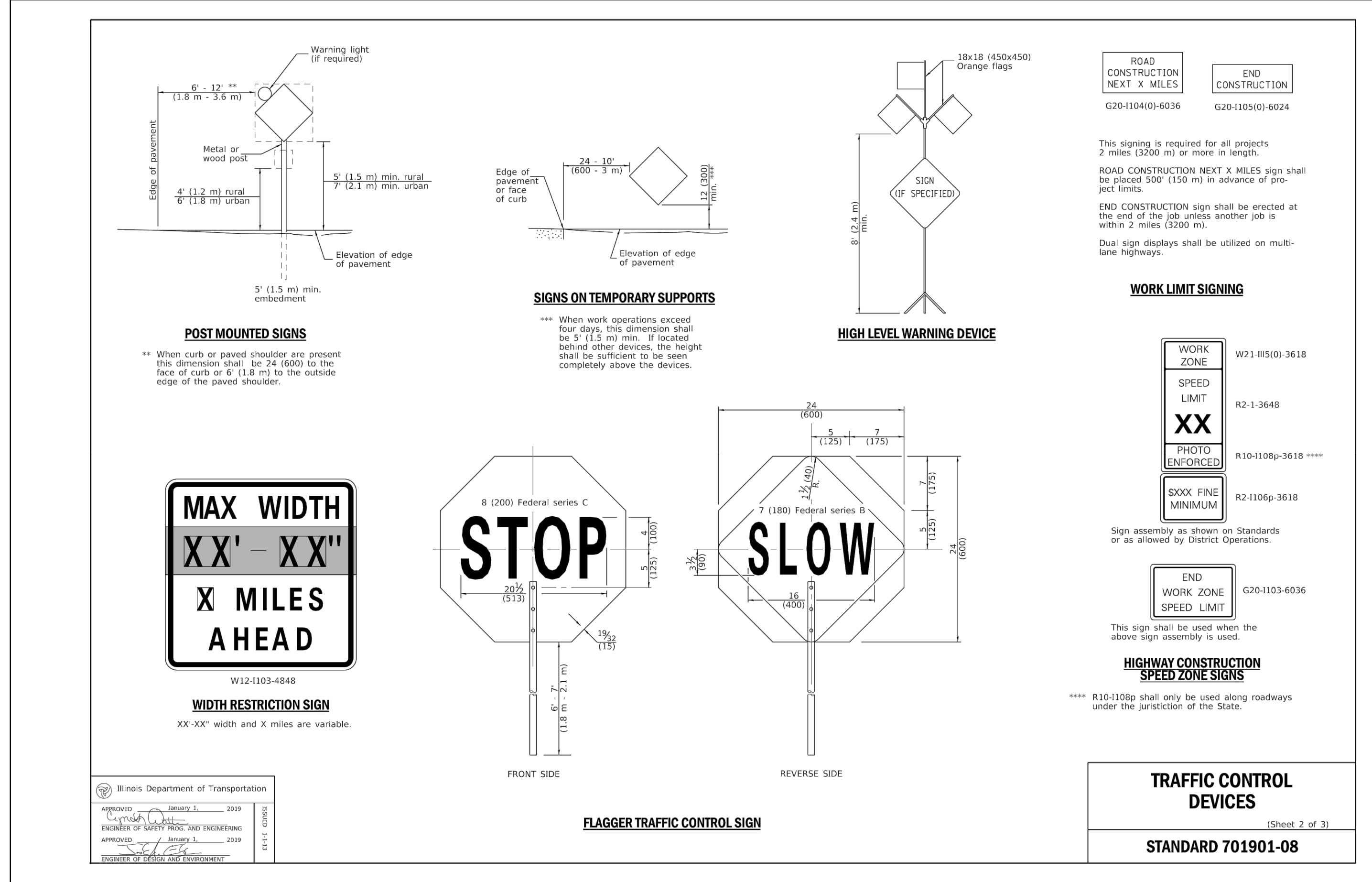
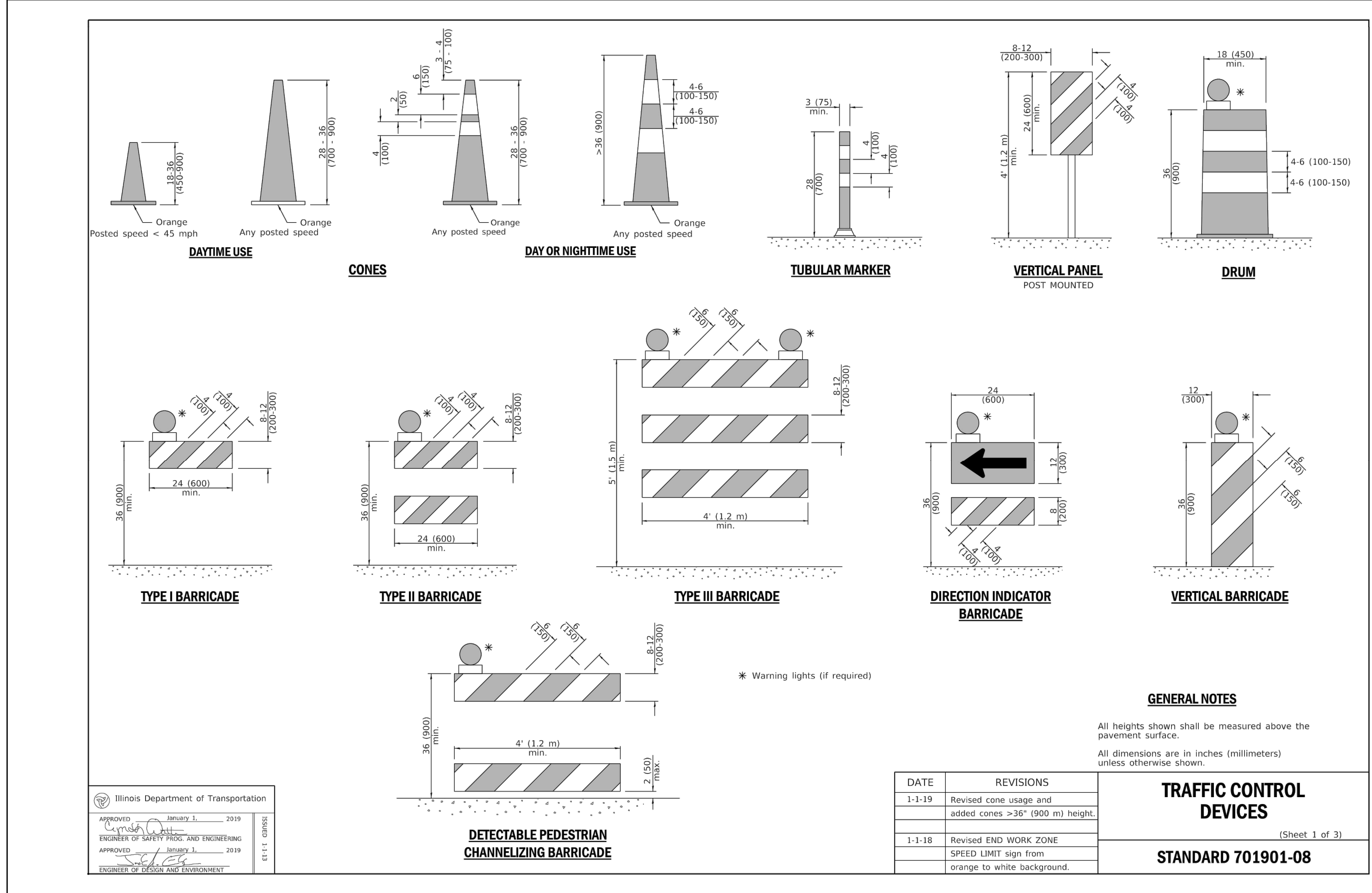
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

MAINTENANCE OF TRAFFIC DETAILS





1 TRAFFIC CONTROL DEVICES
 SCALE: NTS

Rev.	Description	Appr.	Date

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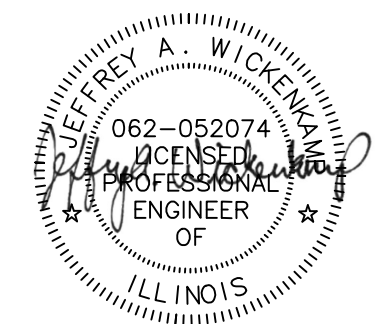
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

MAINTENANCE OF TRAFFIC DETAILS

Sheet Number: CT-504
 Page Number: 68



Section modulus (minimum)	Axis A	Axis B
Steel	0.050 in. ³ (819 mm ³)	0.105 in. ³ (1720 mm ³)
Aluminum	0.150 in. ³ (2458 mm ³)	0.315 in. ³ (5162 mm ³)

DATE	REVISIONS
1-1-09	Switched units to English (metric).
1-1-97	Reenum. Standard 72001-6.

SIGN PANEL MOUNTING DETAILS
STANDARD 720001-01

1 SIGN PANEL MOUNTING DETAILS
SCALE: NTS

DATE	REVISIONS
1-1-14	Added shoulders and slopes. Changed sign distances.
1-1-12	Rev. sign elev. for multilane hwy's. Revised sign elev. and dist. to curb for rural loc.

SIGN PANEL ERECTION DETAILS
STANDARD 720006-04

2 SIGN PANEL ERECTION DETAILS
SCALE: NTS

TYPE	Material	a	b	c	S _{x-x} in. ² (mm ²)	lbs./ft. (kg/m)
TYPE A	Steel	1 1/2 (38)	1 1/2 (38)	1 1/2 (38)	8.223 (0.844)	2.90 (0.98)
	Aluminum	1 1/2 (38)	1 1/2 (38)	1 1/2 (38)	8.435 (0.864)	6.90 (2.09)
TYPE B	Steel	1 1/2 (38)	1 1/2 (38)	1 1/2 (38)	8.343 (0.864)	3.88 (1.16)
	Aluminum	1 1/2 (38)	1 1/2 (38)	1 1/2 (38)	8.580 (0.880)	4.46 (1.33)

DATE	REVISIONS
1-1-09	Switched units to English (metric).
1-1-97	Reenum. Standard 7200-4.

METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
STANDARD 720011-01

3 METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
SCALE: NTS

DIMENSION	CASE I	CASE II
a	18 (450)	*
b	*	16 (406)

DATE	REVISIONS
1-1-17	Omitted minimum reflective area requirement for terminal marker.
4-1-16	Renumbered standard from 633006.

OBJECT AND TERMINAL MARKERS
STANDARD 725001-01

4 OBJECT AND TERMINAL MARKERS
SCALE: NTS

Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

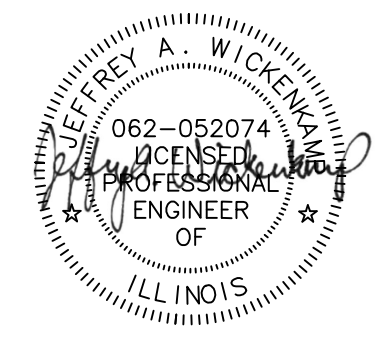
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

MAINTENANCE OF TRAFFIC DETAILS



GROUND MOUNT DETAIL

PAVEMENT MOUNT DETAIL

SPLICE DETAIL

①	2 x 2 x var. (51 x 51 var.)
②	3/8 x 1 1/2 x 12 (44 x 44 x 300)
③	3/4 x 2 1/2 x 60 (57 x 57 x 1500)
④	3/4 x 2 1/2 x 18 (64 x 64 x 450)
⑤	2 1/2 x 2 1/2 x 30 (57 x 57 x 900)

GENERAL NOTES
 All bolts 1/2 (M10) hex head zinc or cadmium plated.
 All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-09	Switched units to English (metric).
1-1-07	New Standard. Used to be part of Standard 720006.

TELESCOPING STEEL SIGN SUPPORT
 STANDARD 728001-01

Illinois Department of Transportation
 PASSED January 1, 2009
 ENGINEER OF OPERATIONS
 APPROVED January 1, 2009
 ENGINEER OF DESIGN AND ENVIRONMENT

1 TELESCOPING STEEL SIGN SUPPORT
 SCALE: NTS

ONE POST INSTALLATION

TWO POST INSTALLATION

SIGN DEPTH (D)	H	NO. AND TYPE OF POST FOR SIGN WIDTH (W)			
		12 (300)	18 (450)	24 (600)	30 (750)
5'-0" (1.5 m)	A	A	A	A	A
5'-6" (1.7 m)	A	A	A	A	B
6'-0" (1.8 m)	A	A	A	B	B
6'-6" (2.0 m)	A	A	A	B	B
7'-0" (2.1 m)	A	A	A	B	B
7'-6" (2.3 m)	A	A	A	B	B
8'-0" (2.4 m)	A	A	A	B	B
8'-6" (2.6 m)	A	A	B	B	B
9'-0" (2.7 m)	A	A	B	B	B

DETAIL OF MOUNTING SIGN TO POST

GENERAL NOTES
 DESIGN: Current AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals.
 LOADING: for 60 mph (95 km/h) wind velocity with 30% gust factor, normal to sign.
 SOIL PRESSURE: Minimum allowable soil pressure 1.25 tsf (120 kPa).
 See Standard 720011 for details of Types A and B posts.
 All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-09	Switched units to English (metric).
1-1-97	Renum. Standard 2363-2.

APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
 STANDARD 729001-01

Illinois Department of Transportation
 PASSED January 1, 2009
 ENGINEER OF DESIGN AND ENVIRONMENT

2 APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
 SCALE: NTS

PLAN

SECTION A-A

ANCHOR BOLT DETAIL

POST ASSEMBLY DETAIL

GENERAL NOTES
 All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-09	Switched units to English (metric).
1-1-07	New Standard. Used to be part of Standard 720006.

BASE FOR TELESCOPING STEEL SIGN SUPPORT
 STANDARD 731001-01

Illinois Department of Transportation
 PASSED January 1, 2009
 ENGINEER OF OPERATIONS
 APPROVED January 1, 2009
 ENGINEER OF DESIGN AND ENVIRONMENT

3 BASE FOR TELESCOPING STEEL SIGN SUPPORT
 SCALE: NTS

Rev.	Description	Appr.	Date

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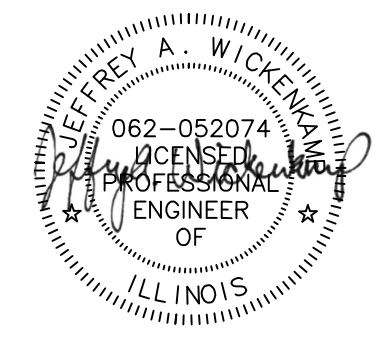
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

MAINTENANCE OF TRAFFIC DETAILS



LANE AND EDGE LINES

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

Illinois Department of Transportation

DATE	REVISIONS
1-1-15	Added symbols. Revised bike symbol. Revised note for stop line at RR crossing.
1-1-14	Added bike symbol. Remainder.
	LANE DROP ARROW detail to LANE-REDUCTION ARROW.

TYPICAL PAVEMENT MARKINGS
STANDARD 780001-05
(Sheet 1 of 3)

LETTER AND ARROW GRID SCALE

Legend	Arrow Size	a
6'	Small	2.9 (74)
8'	Large	3.8 (96)

TYPICAL PAVEMENT MARKINGS
STANDARD 780001-05
(Sheet 2 of 3)

LANE-REDUCTION ARROW
Right lane-reduction arrow shown. Use mirror image for left lane.

WORD AND ARROW LAYOUT

WRONG WAY ARROW

SHARED LANE SYMBOL

INTERNATIONAL SYMBOL OF ACCESSIBILITY

BIKE SYMBOL
(Arrow is optional.)

TYPICAL PAVEMENT MARKINGS
STANDARD 780001-05
(Sheet 3 of 3)

1 TYPICAL PAVEMENT MARKINGS
SCALE: NTS

Rev.	Description	Appr.	Date

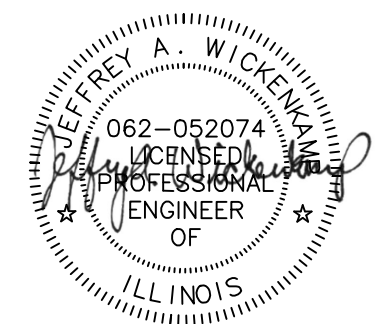
METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

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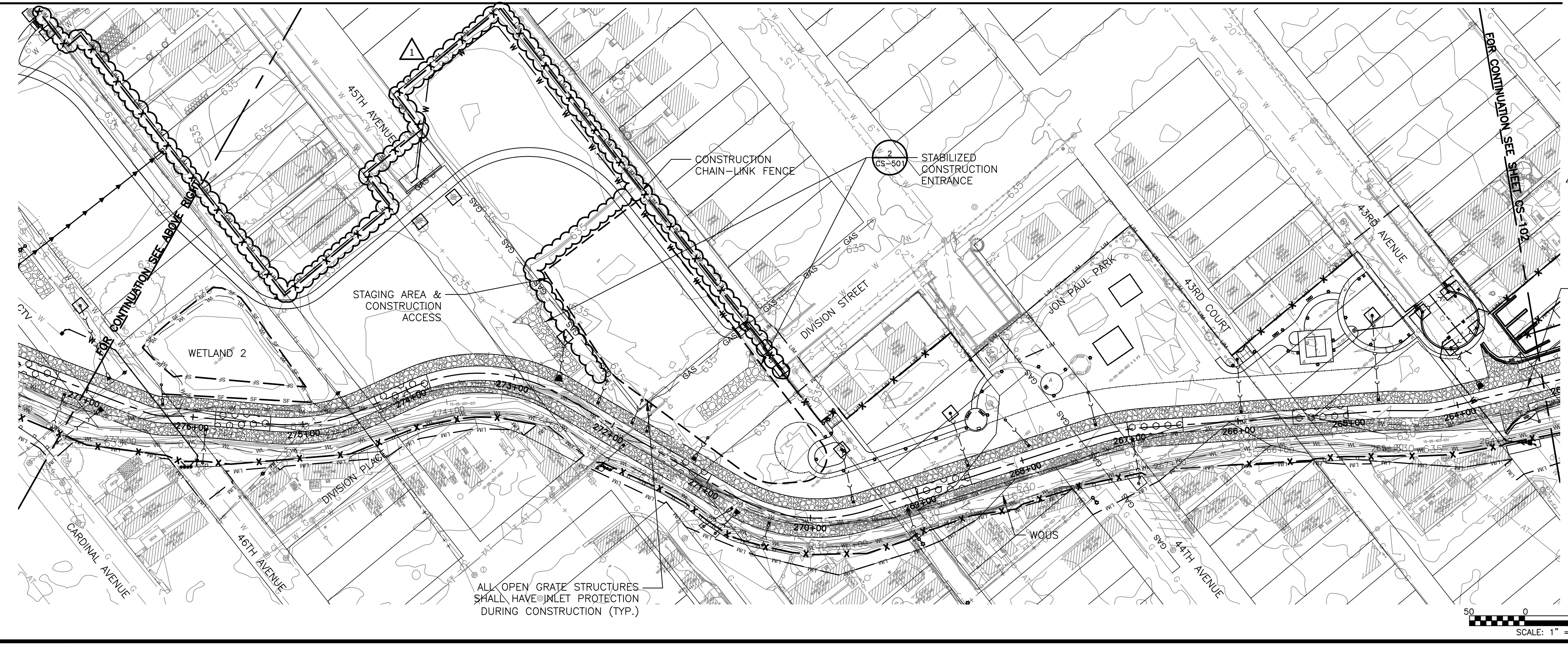
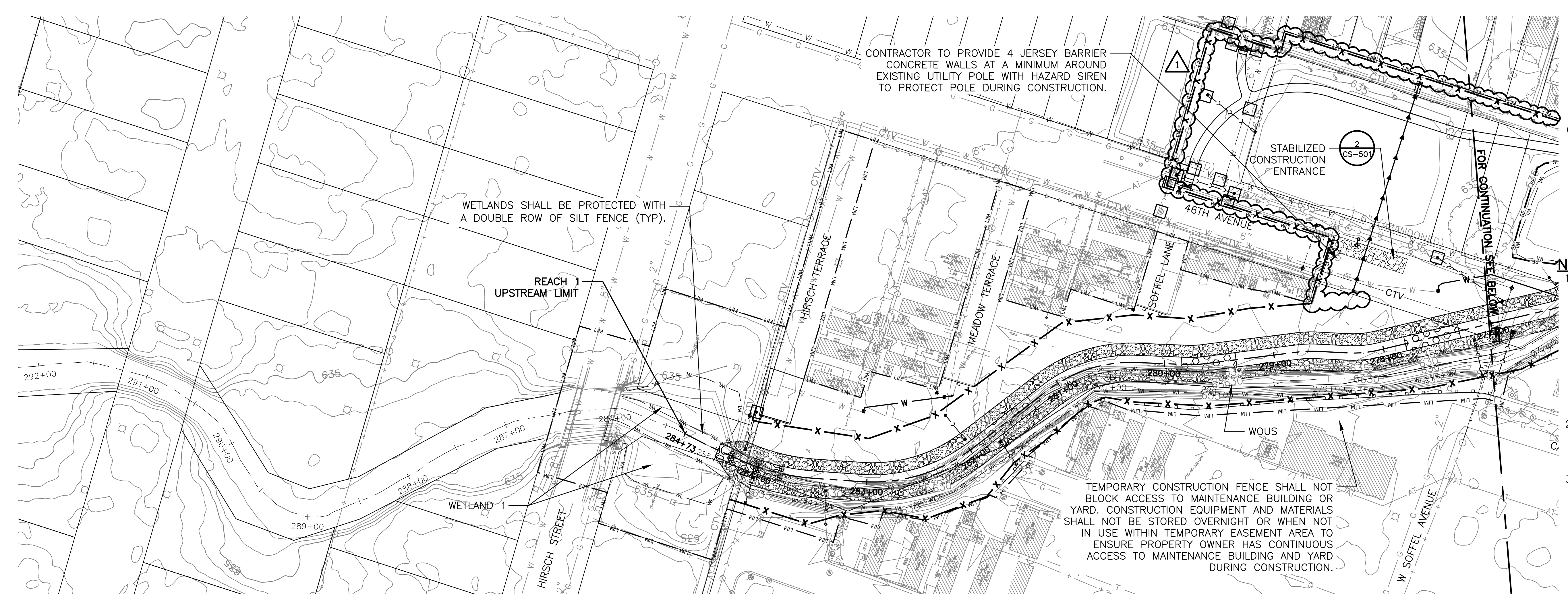
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KSS	JAW	2022
Correct:		

CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

MAINTENANCE OF TRAFFIC DETAILS



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LEGEND

- SILT FENCE
- TEMPORARY CHAIN-LINK FENCE
- STAGING AREA
- CONSTRUCTION LIMITS
- INLET PROTECTION

- NOTES:**
1. FLOATING SILT CURTAIN TO BE USED IN AREAS OF INITIAL CLEARING/GRUBBING AND INSTALLED AT THE BOTTOM OF THE CREEK SIDE SLOPE TO HELP PREVENT DEBRIS FROM FLOWING DOWNSTREAM. CONTRACTOR TO DETERMINE THE EXACT LOCATION DURING CLEARING/GRUBBING. CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY MAINTENANCE OF THE SILT CURTAIN.
 2. CONTRACTOR TO RESTORE AREAS DAMAGED OR IMPACTED BY CONSTRUCTION ACCESS, AND STAGING IN-KIND IN ACCORDANCE WITH THE ENGINEER.
 3. NO EQUIPMENT CAN ENTER FLOWING WATER. IF CONSTRUCTION ACTIVITY IS TO TAKE PLACE IN-STREAM, A COFFER DAM WILL BE REQUIRED SO THAT WORK ONLY PERFORMED IN THE "DRY". SEE REQUIREMENTS FOR IN-STREAM CONSTRUCTION ACTIVITIES. EVERY WORK AREA MUST BE DEWATERED FOR CONSTRUCTABILITY (I.E. DEWATERING THE WORK AREA IS REQUIRED TO OBSERVE THE PLACEMENT OF MATERIALS) AS WELL AS FOR MEETING PERMIT REQUIREMENTS, AND CREEK DISCHARGE MUST BE DIVERTED AROUND EVERY WORK AREA.
 4. CONTRACTOR TO PROVIDE TEMPORARY CONSTRUCTION CHAIN-LINK FENCE AROUND WORK AREAS AT LIMITS OF CONSTRUCTION AND AS DIRECTED BY ENGINEER AND IN ACCORDANCE WITH EASEMENT DOCUMENTS.

CONTRACTOR TO PERFORM EXPLORATORY EXCAVATION AND LOCATE EXISTING SANITARY SEWER CROSSING CREEK AND ADJUST SOLDIER PILE WALL PILE SPACING ON S-201 AND S-202 AS NECESSARY TO AVOID IT. ADJUSTMENTS TO BE APPROVED BY THE ENGINEER.

ALL OPEN GRATE STRUCTURES SHALL HAVE INLET PROTECTION DURING CONSTRUCTION (TYP.)

SCALE: 1" = 50'

Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO			
Designed by:	TCT	Checked by:	PML
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Correct:		Date:	2022
Scale:	AS SHOWN	Scale:	AS SHOWN

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

SESC PLAN - REACH 1
 STA. 286+00 TO STA. 263+20

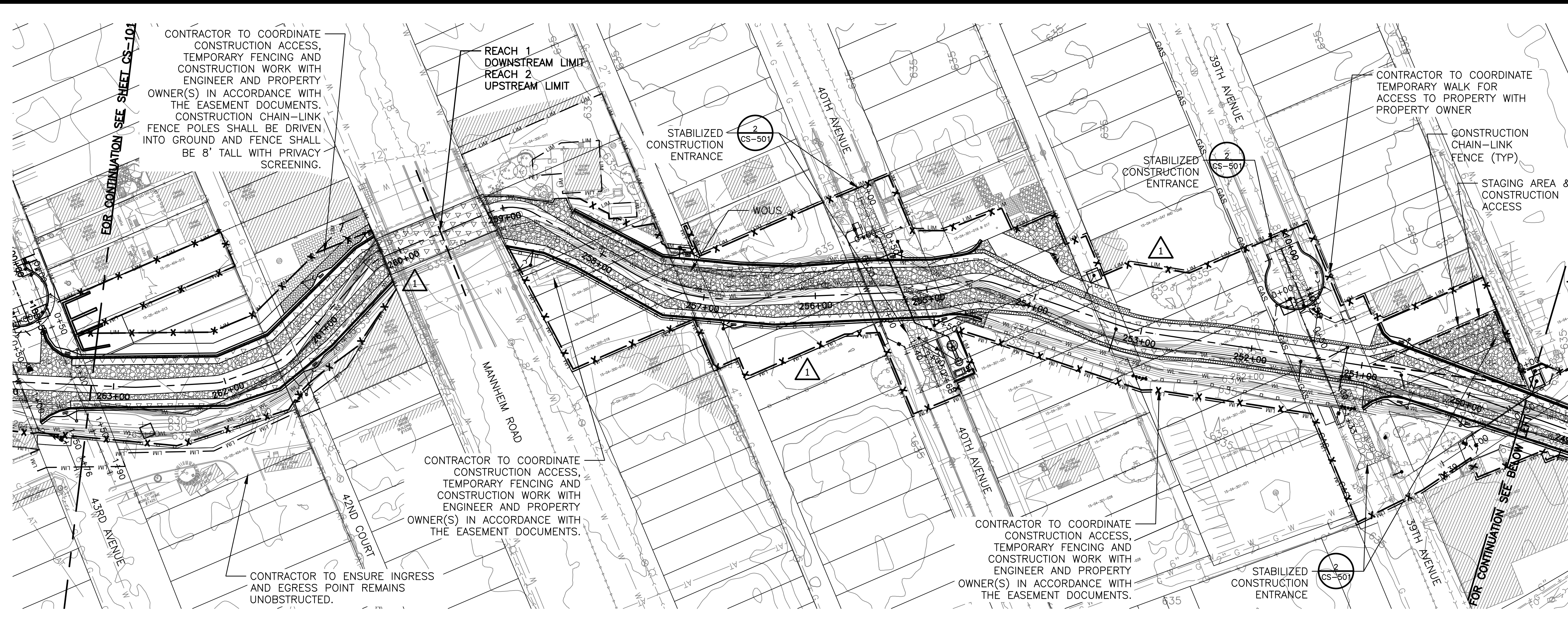
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CS-101

Page Number: 72



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 LICENSE NO. 184002429

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 PLOT DATE: 5/23/2023 3:28 PM PLOTTED BY: KYLE SOLNER



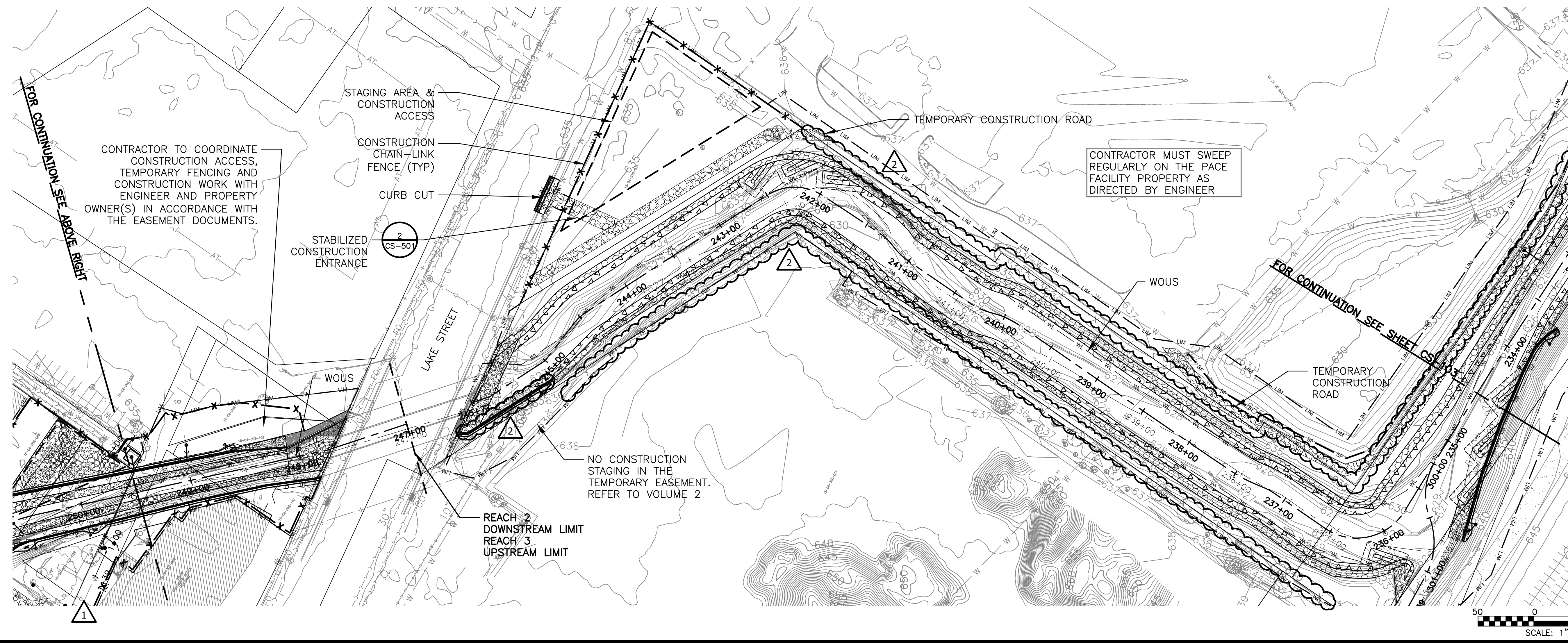
LEGEND

- SF — SF — SF — SF — SILT FENCE
- X — X — X — X — TEMPORARY CHAIN-LINK FENCE (TYP)
- STAGING AREA
- LIM — LIM — LIM — LIM — CONSTRUCTION LIMITS
- INLET PROTECTION

NOTES:

- FLOATING SILT CURTAIN TO BE USED IN AREAS OF INITIAL CLEARING/GRUBBING AND INSTALLED AT THE BOTTOM OF THE CREEK SIDE SLOPE TO HELP PREVENT DEBRIS FROM FLOWING DOWNSTREAM. CONTRACTOR TO DETERMINE THE EXACT LOCATION DURING CLEARING/GRUBBING. CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY MAINTENANCE OF THE SILT CURTAIN.
- CONTRACTOR TO RESTORE AREAS DAMAGED OR IMPACTED BY CONSTRUCTION ACCESS, AND STAGING IN-KIND IN ACCORDANCE WITH THE ENGINEER.
- NO EQUIPMENT CAN ENTER FLOWING WATER. IF CONSTRUCTION ACTIVITY IS TO TAKE PLACE IN-STREAM, A COFFER DAM WILL BE REQUIRED SO THAT WORK ONLY PERFORMED IN THE "DRY". SEE REQUIREMENTS FOR IN-STREAM CONSTRUCTION ACTIVITIES. EVERY WORK AREA MUST BE DEWATERED FOR CONSTRUCTABILITY (I.E. DEWATERING THE WORK AREA IS REQUIRED TO OBSERVE THE PLACEMENT OF MATERIALS) AS WELL AS FOR MEETING PERMIT REQUIREMENTS, AND CREEK DISCHARGE MUST BE DIVERTED AROUND EVERY WORK AREA.

Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23
2	ADDENDUM NO. 8	JAW	05/24/23



LEGEND

- SF — SF — SF — SF — SILT FENCE
- X — X — X — X — TEMPORARY CHAIN-LINK FENCE (TYP)
- STAGING AREA
- LIM — LIM — LIM — LIM — CONSTRUCTION LIMITS
- INLET PROTECTION

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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

SESC PLAN - REACH 1, 2 & 3
 STA. 263+20 TO STA. 234+50

Designed by: TCT/KSS
 Checked by: PML
 Drawn by: KSS
 Correct:

Scale: AS SHOWN
 Date: 2022

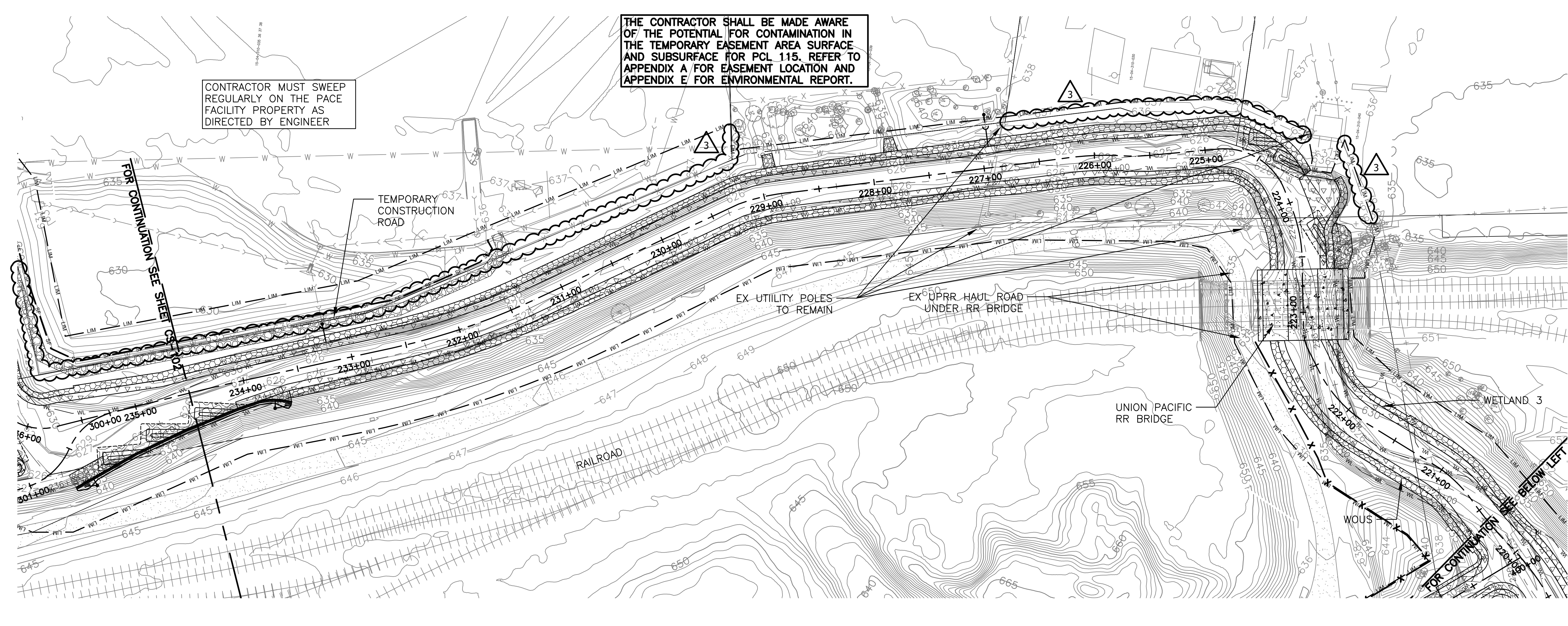
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Sheet Number:
CS-102

Page Number: 73

Jeffrey A. Wickenham
 062-052074
 LICENSED PROFESSIONAL ENGINEER
 OF ILLINOIS

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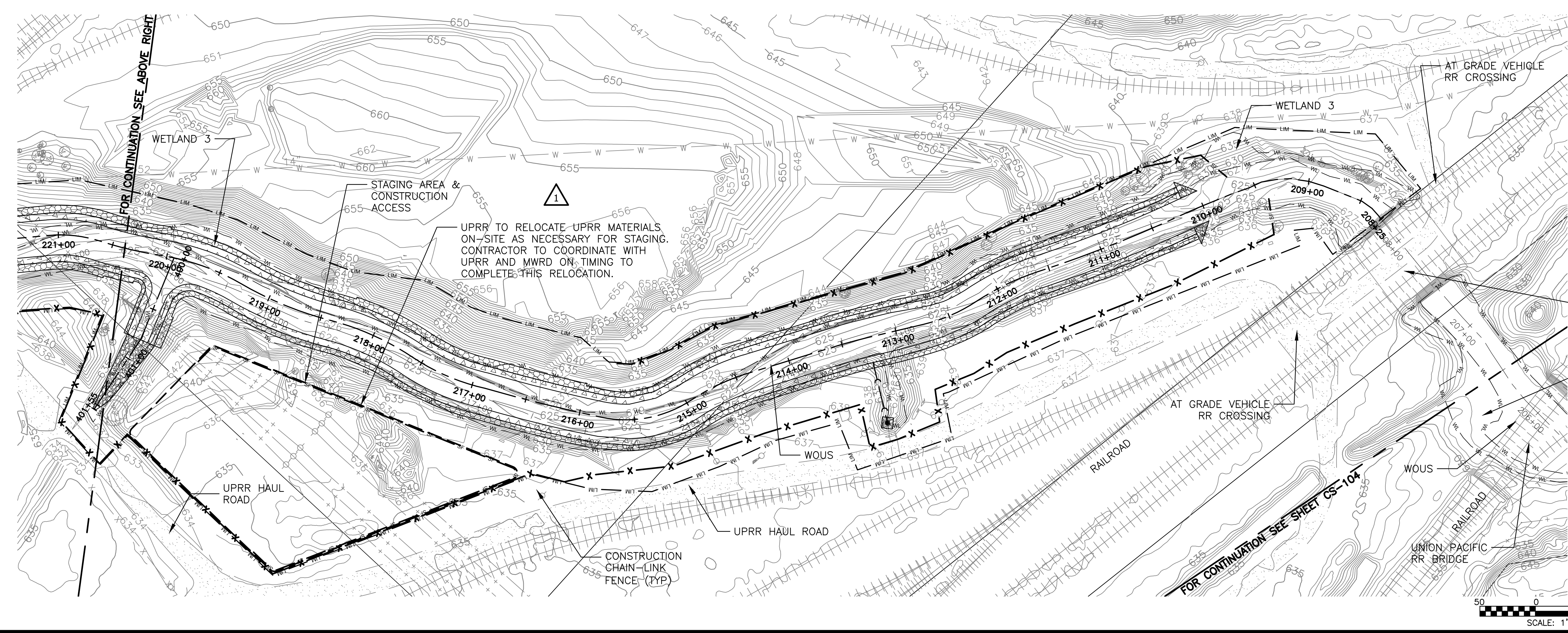


THE CONTRACTOR SHALL BE MADE AWARE OF THE POTENTIAL FOR CONTAMINATION IN THE TEMPORARY EASEMENT AREA SURFACE AND SUBSURFACE FOR PCL 115. REFER TO APPENDIX A FOR EASEMENT LOCATION AND APPENDIX E FOR ENVIRONMENTAL REPORT.

CONTRACTOR MUST SWEEP REGULARLY ON THE PACE FACILITY PROPERTY AS DIRECTED BY ENGINEER

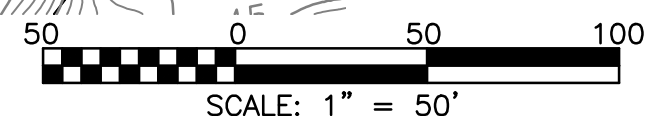
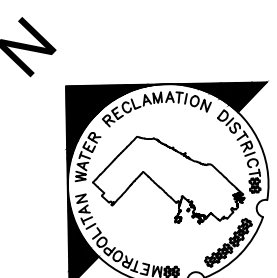
- LEGEND**
- SF — SF — SF — SILT FENCE
 - X — X — X — TEMPORARY CHAIN-LINK FENCE
 - POTENTIAL STAGING AREA
 - CONSTRUCTION LIMITS
 - INLET PROTECTION

- NOTES:**
1. FLOATING SILT CURTAIN TO BE USED IN AREAS OF INITIAL CLEARING/GRUBBING AND INSTALLED AT THE BOTTOM OF THE CREEK SIDE SLOPE TO HELP PREVENT DEBRIS FROM FLOWING DOWNSTREAM. CONTRACTOR TO DETERMINE THE EXACT LOCATION DURING CLEARING/GRUBBING.
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 4. CONTRACTOR TO PROVIDE TEMPORARY CONSTRUCTION CHAIN-LINK FENCE AROUND WORK AREAS AT LIMITS OF CONSTRUCTION AND AS DIRECTED BY ENGINEER AND IN ACCORDANCE WITH EASEMENT DOCUMENTS.



UPRR TO RELOCATE UPRR MATERIALS ON-SITE AS NECESSARY FOR STAGING. CONTRACTOR TO COORDINATE WITH UPRR AND MWRD ON TIMING TO COMPLETE THIS RELOCATION.

4. CONTRACTOR TO PROVIDE TEMPORARY CONSTRUCTION CHAIN-LINK FENCE AROUND WORK AREAS AT LIMITS OF CONSTRUCTION AND AS DIRECTED BY ENGINEER AND IN ACCORDANCE WITH EASEMENT DOCUMENTS.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 4	JAW	07/25/23
2	ADDENDUM NO. 7	JAW	05/07/23
3	ADDENDUM NO. 8	JAW	05/24/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Contract 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

SESC PLAN - REACH 3
 STA. 234+50 TO STA. 206+50

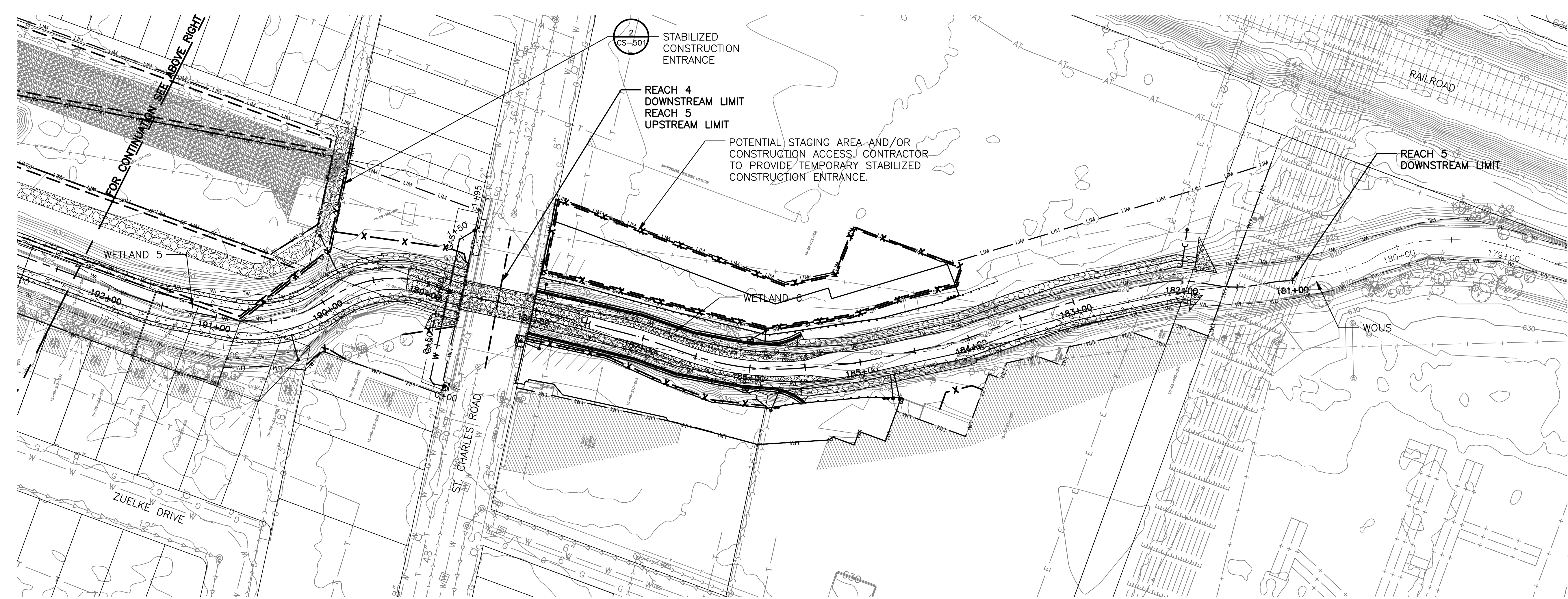
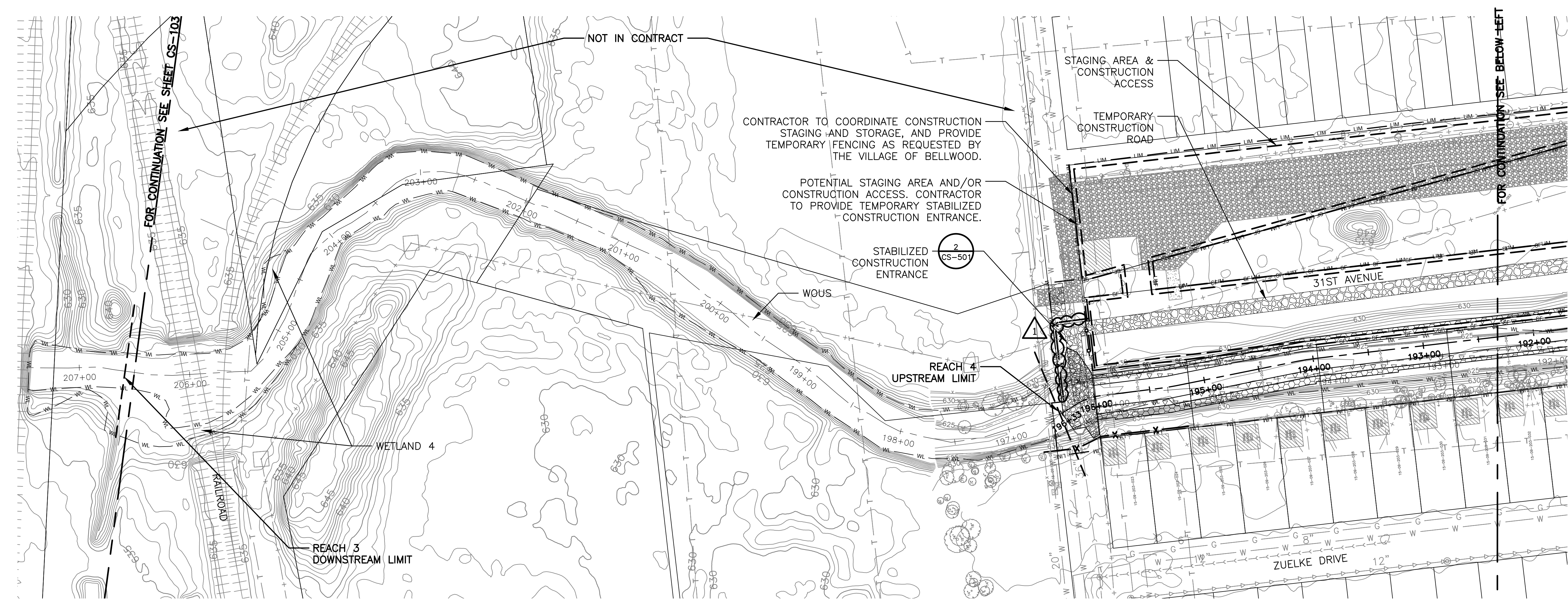
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 Checked by: PML
 Drawn by: KSS
 Correct: JAW

Scale: AS SHOWN
 Date: 2022

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 CHICAGO: (773) 699-9200

Sheet Number:
CS-103

Page Number: 74



LEGEND

- SILT FENCE
- TEMPORARY CHAIN-LINK FENCE
- POTENTIAL STAGING AREA
- CONSTRUCTION LIMITS
- INLET PROTECTION

- NOTES:**
- FLOATING SILT CURTAIN TO BE USED IN AREAS OF INITIAL CLEARING/GRUBBING AND INSTALLED AT THE BOTTOM OF THE CREEK SIDE SLOPE TO HELP PREVENT DEBRIS FROM FLOWING DOWNSTREAM. CONTRACTOR TO DETERMINE THE EXACT LOCATION DURING CLEARING/GRUBBING.
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Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

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Designed by: TCT
 Checked by: PML
 Drawn by: KSS
 Correct: JAW

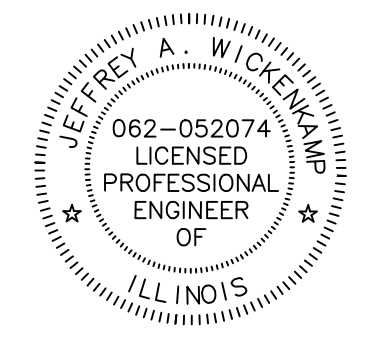
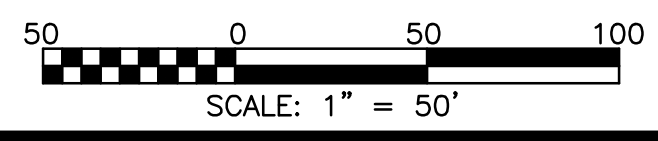
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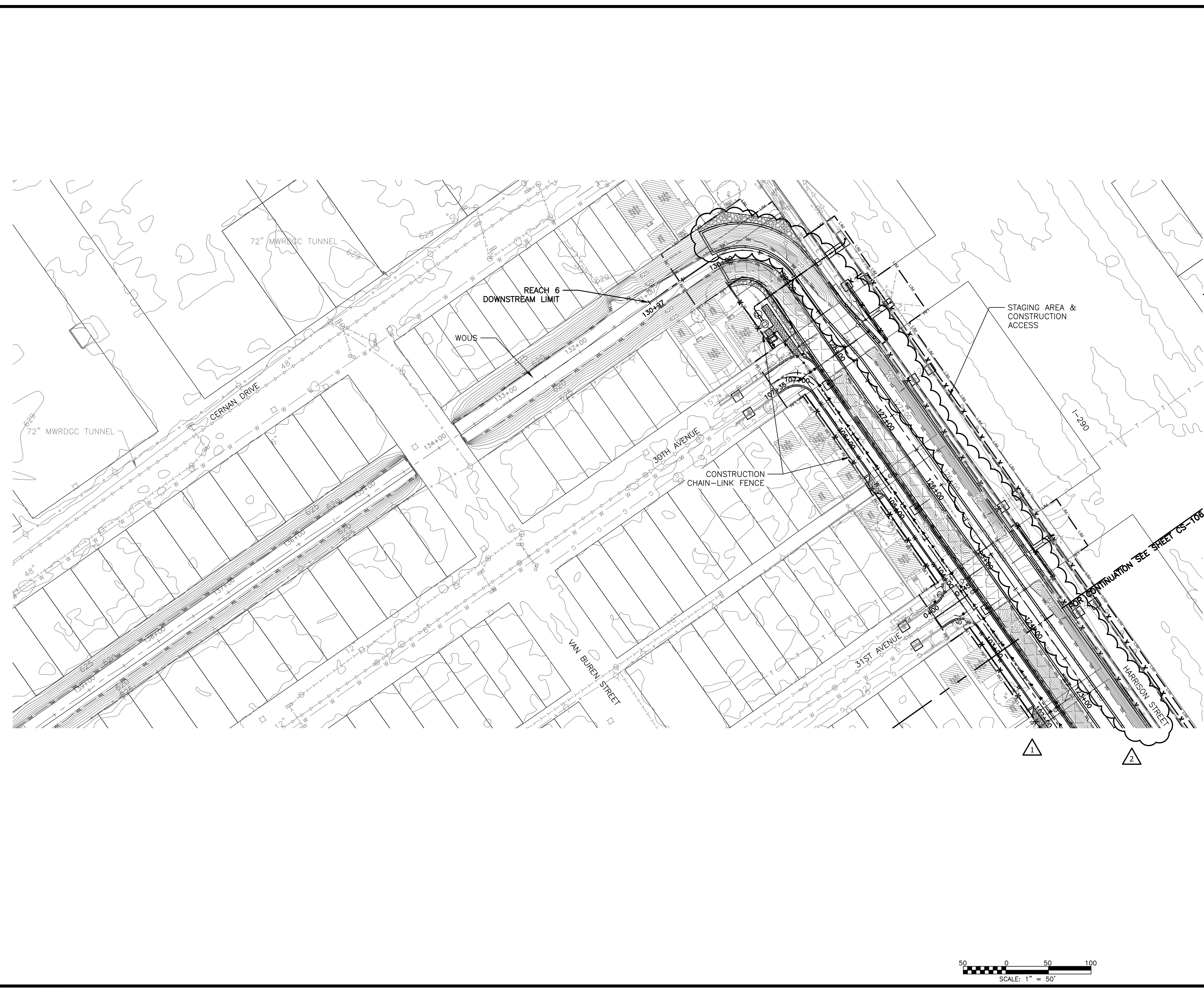
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

SESC PLAN - REACH 4 & 5
 STA. 196+33 TO STA. 181+00

Sheet Number:
CS-104

Page Number: 75

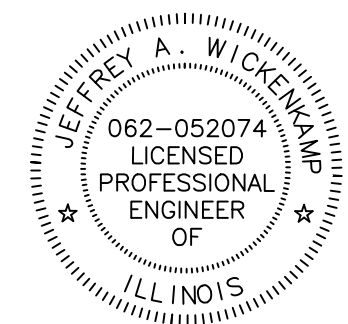
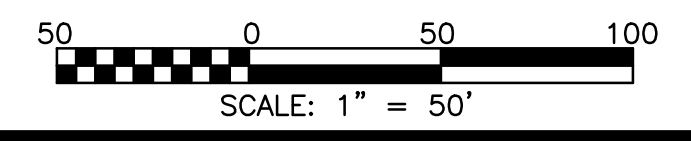
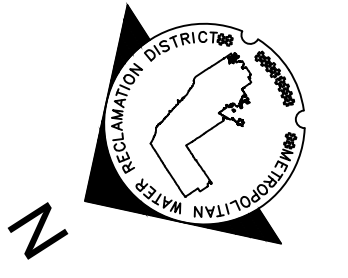




LEGEND

- SILT FENCE
- TEMPORARY CHAIN-LINK FENCE
- POTENTIAL STAGING AREA
- CONSTRUCTION LIMITS
- INLET PROTECTION

- NOTES:**
1. FLOATING SILT CURTAIN TO BE USED IN AREAS OF INITIAL CLEARING/GRUBBING AND INSTALLED AT THE BOTTOM OF THE CREEK SIDE SLOPE TO HELP PREVENT DEBRIS FROM FLOWING DOWNSTREAM. CONTRACTOR TO DETERMINE THE EXACT LOCATION DURING CLEARING/GRUBBING.
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Rev.	Description	Appr.	Date
1	ADDENDUM NO. 2	JAW	01/06/23
2	ADDENDUM NO. 7	JAW	05/01/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Contract 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

SESC PLAN - REACH 6 STA. 131+00 TO STA. 124+00

Designed by: TCT
Checked by: PML
Drawn by: KSS
Correct:

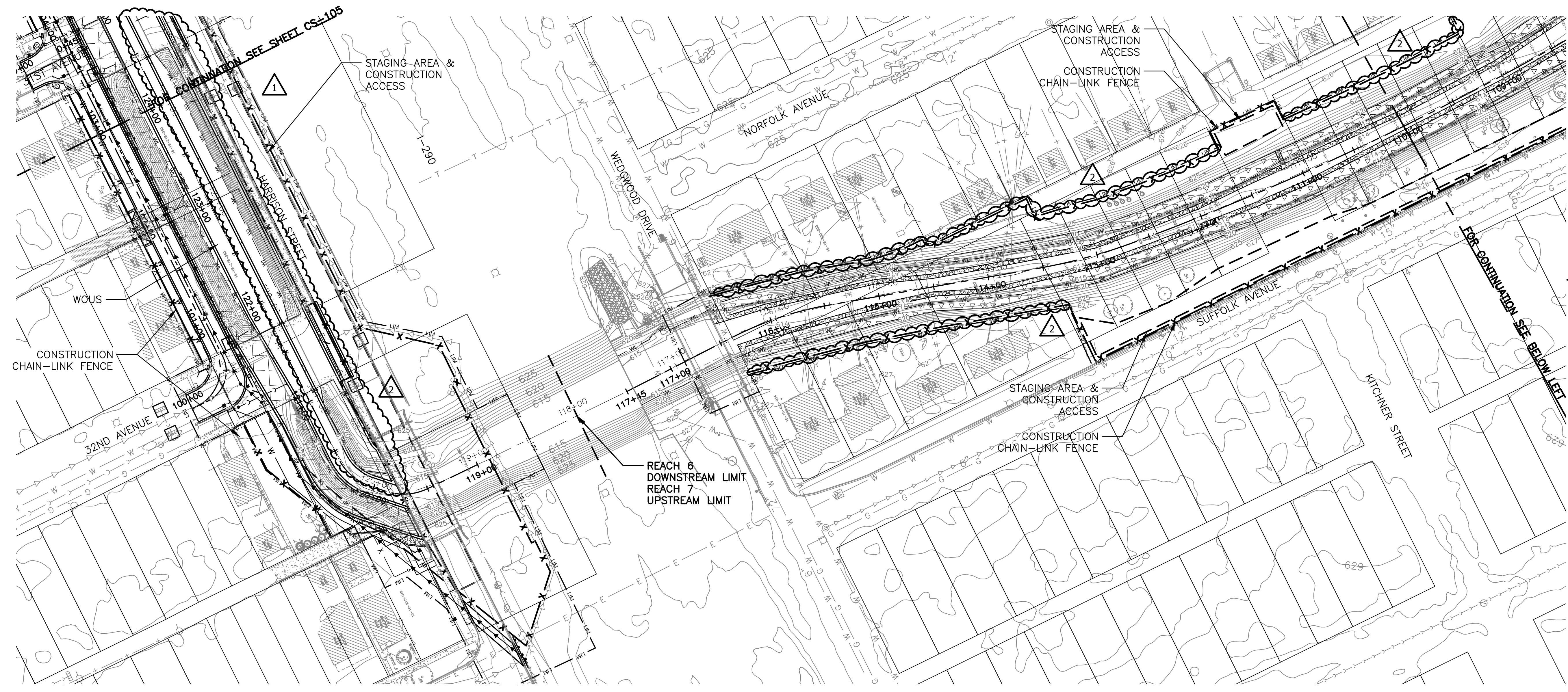
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Sheet Number:
CS-105

Page Number: 76

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 PLOT DATE: 5/1/2023 11:24 AM PLOTTED BY: KYLE SOLNER



LEGEND

- 1 SILT FENCE
- 2 TEMPORARY CHAIN-LINK FENCE
- POTENTIAL STAGING AREA
- CONSTRUCTION LIMITS
- INLET PROTECTION

- NOTES:**
- FLOATING SILT CURTAIN TO BE USED IN AREAS OF INITIAL CLEARING/GRUBBING AND INSTALLED AT THE BOTTOM OF THE CREEK SIDE SLOPE TO HELP PREVENT DEBRIS FROM FLOWING DOWNSTREAM. CONTRACTOR TO DETERMINE THE EXACT LOCATION DURING CLEARING/GRUBBING.
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Rev.	Description	Appr.	Date
1	ADDENDUM NO. 2	JAW	07/06/23
2	ADDENDUM NO. 7	JAW	05/01/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: TCT/TRP
Checked by: PML
Drawn by: KSS
Correct:

Scale: AS SHOWN
Date: 2022

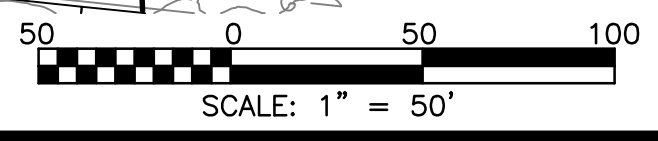
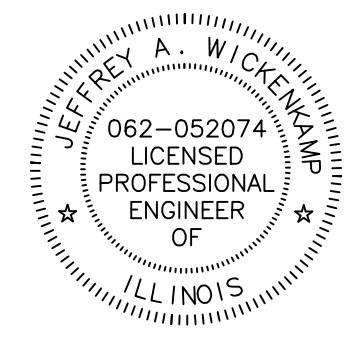
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

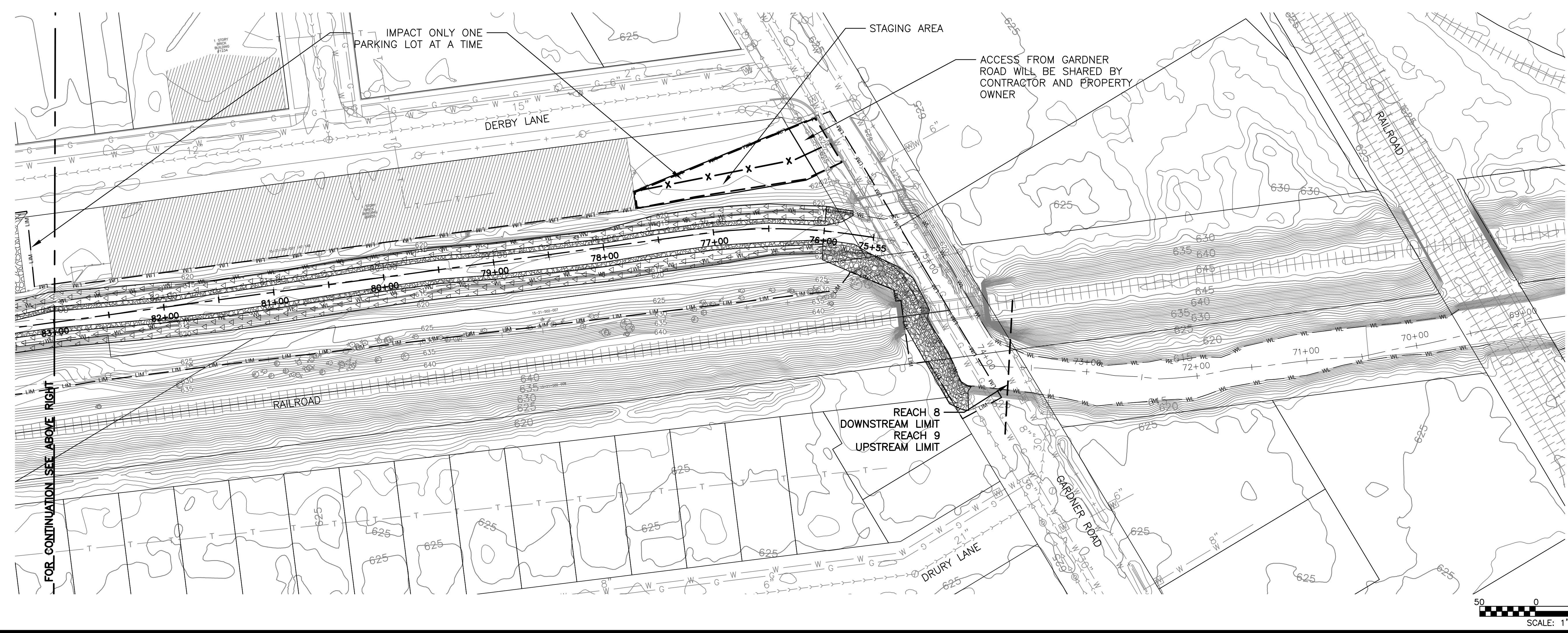
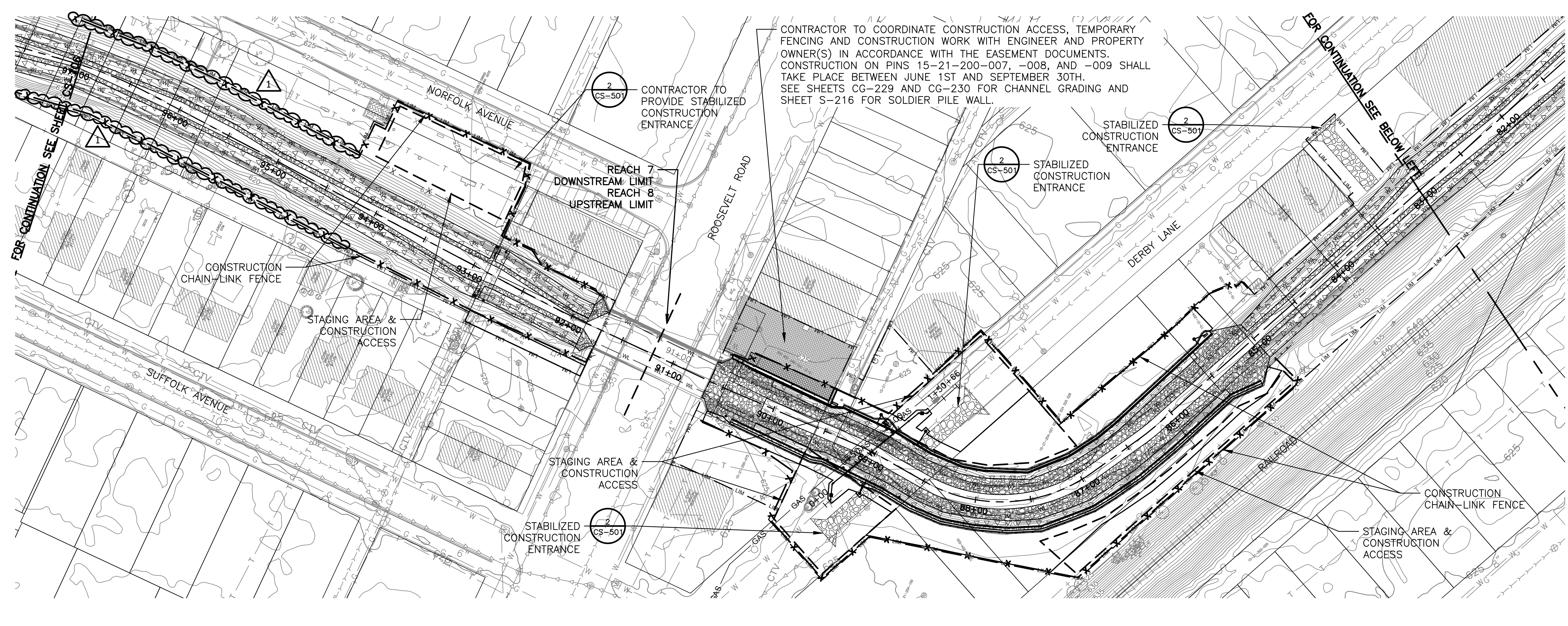
SESC PLAN - REACH 6 & 7
 STA. 124+00 TO STA. 97+00

Sheet Number:
CS-106

Page Number: 77



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LEGEND

- SILT FENCE
- TEMPORARY CHAIN-LINK FENCE
- POTENTIAL STAGING AREA
- CONSTRUCTION LIMITS
- INLET PROTECTION

- NOTES:**
1. FLOATING SILT CURTAIN TO BE USED IN AREAS OF INITIAL CLEARING/GRUBBING AND INSTALLED AT THE BOTTOM OF THE CREEK SIDE SLOPE TO HELP PREVENT DEBRIS FROM FLOWING DOWNSTREAM. CONTRACTOR TO DETERMINE THE EXACT LOCATION DURING CLEARING/GRUBBING.
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Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

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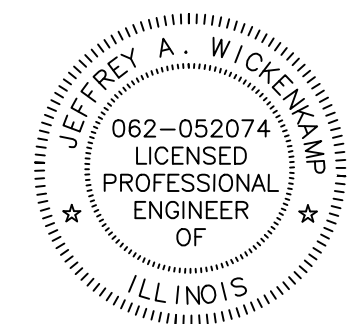
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 Reviewed by: JAW
 Date: 2022
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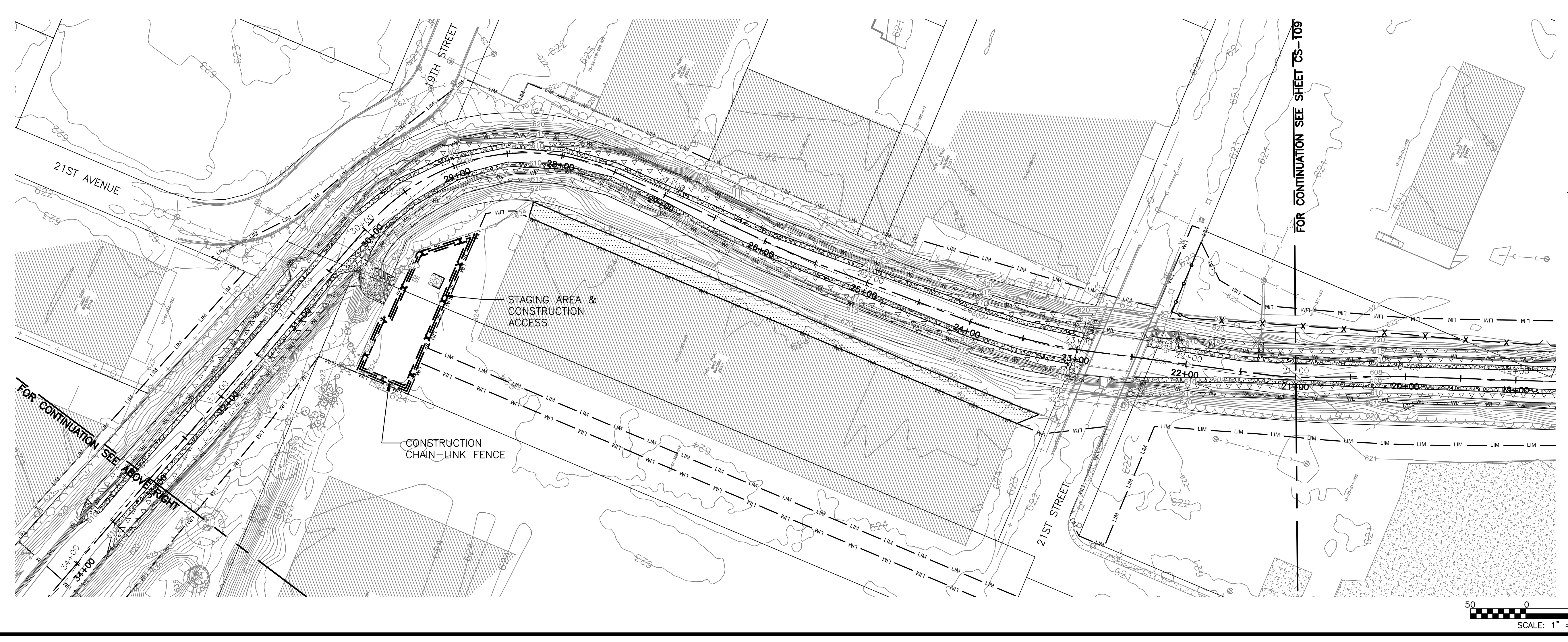
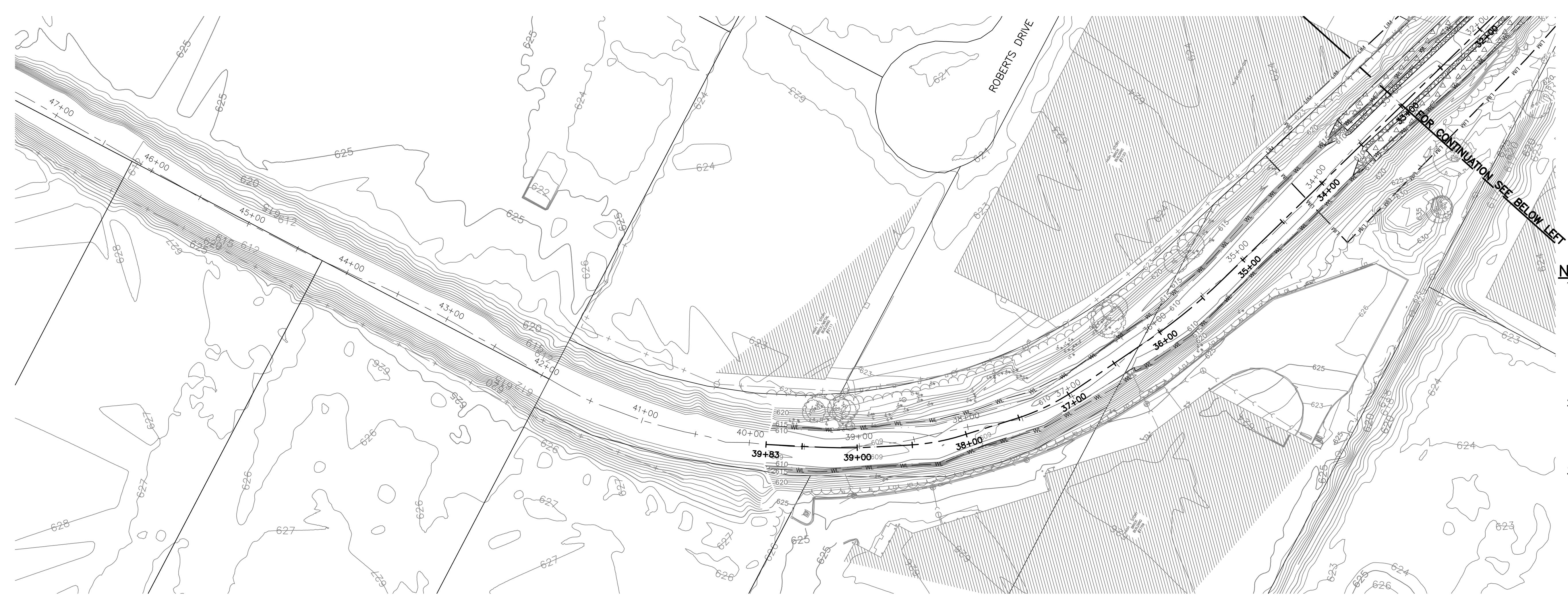
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

SESC PLAN - REACH 7, 8 & 9
 STA. 97+00 TO STA. 70+00

Sheet Number:
CS-107

Page Number: 78





LEGEND

- SILT FENCE
- TEMPORARY CHAIN-LINK FENCE
- POTENTIAL STAGING AREA
- CONSTRUCTION LIMITS
- INLET PROTECTION

- NOTES:**
1. FLOATING SILT CURTAIN TO BE USED IN AREAS OF INITIAL CLEARING/GRUBBING AND INSTALLED AT THE BOTTOM OF THE CREEK SIDE SLOPE TO HELP PREVENT DEBRIS FROM FLOWING DOWNSTREAM. CONTRACTOR TO DETERMINE THE EXACT LOCATION DURING CLEARING/GRUBBING.
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

SESC PLAN - REACH 9
 STA. 46+00 TO STA. 21+00

Scale: AS SHOWN
 Date: 2022

Designed by: TRP
 Drawn by: KSS
 Correct:

Checked by: PML
 Reviewed by: JAW

Scale: AS SHOWN
 Date: 2022

Designed by: PML
 Drawn by: KSS
 Correct:

Scale: 1" = 50'

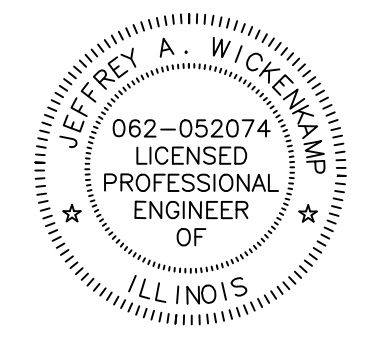
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1	ADDENDUM NO. 7	JAW	05/01/23

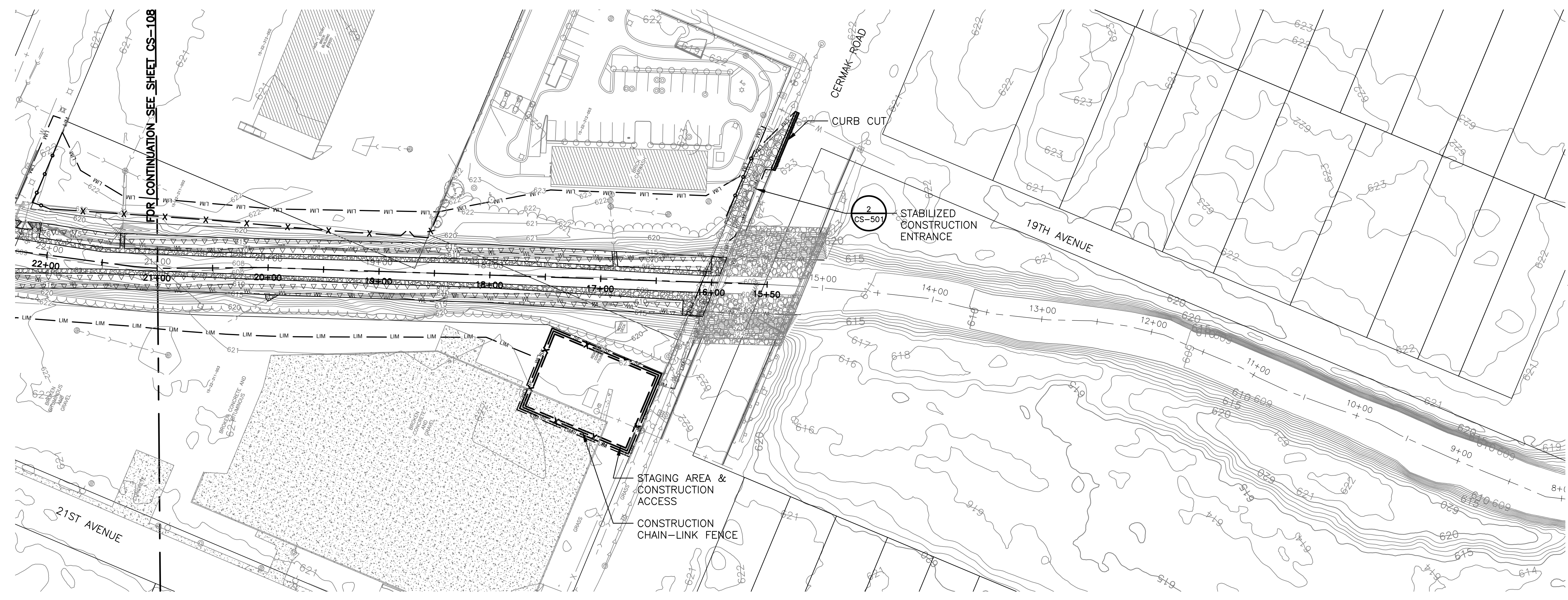
METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

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Sheet Number:
CS-108

Page Number: 79

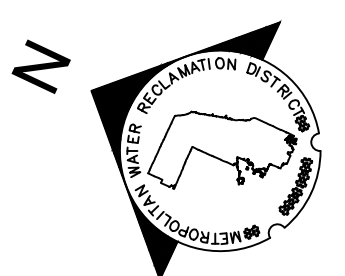




LEGEND

- SILT FENCE (SF)
- TEMPORARY CHAIN-LINK FENCE (X)
- POTENTIAL STAGING AREA (Hatched)
- CONSTRUCTION LIMITS (LIM)
- INLET PROTECTION (Square)

- NOTES:**
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 - CONTRACTOR TO PROVIDE TEMPORARY CONSTRUCTION CHAIN-LINK FENCE AROUND WORK AREAS AT LIMITS OF CONSTRUCTION AND AS DIRECTED BY ENGINEER AND IN ACCORDANCE WITH EASEMENT DOCUMENTS.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

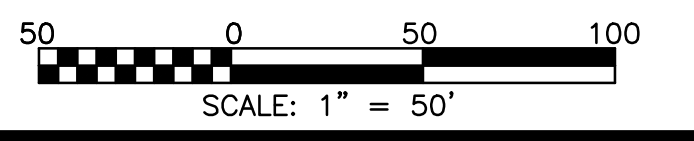
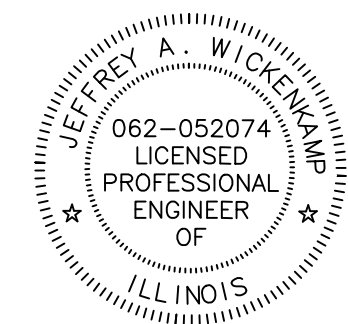
METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HIGGINS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 695-9200
 CHICAGO@HEYANDASSOCIATES.COM
 LICENSE NO. 184002829

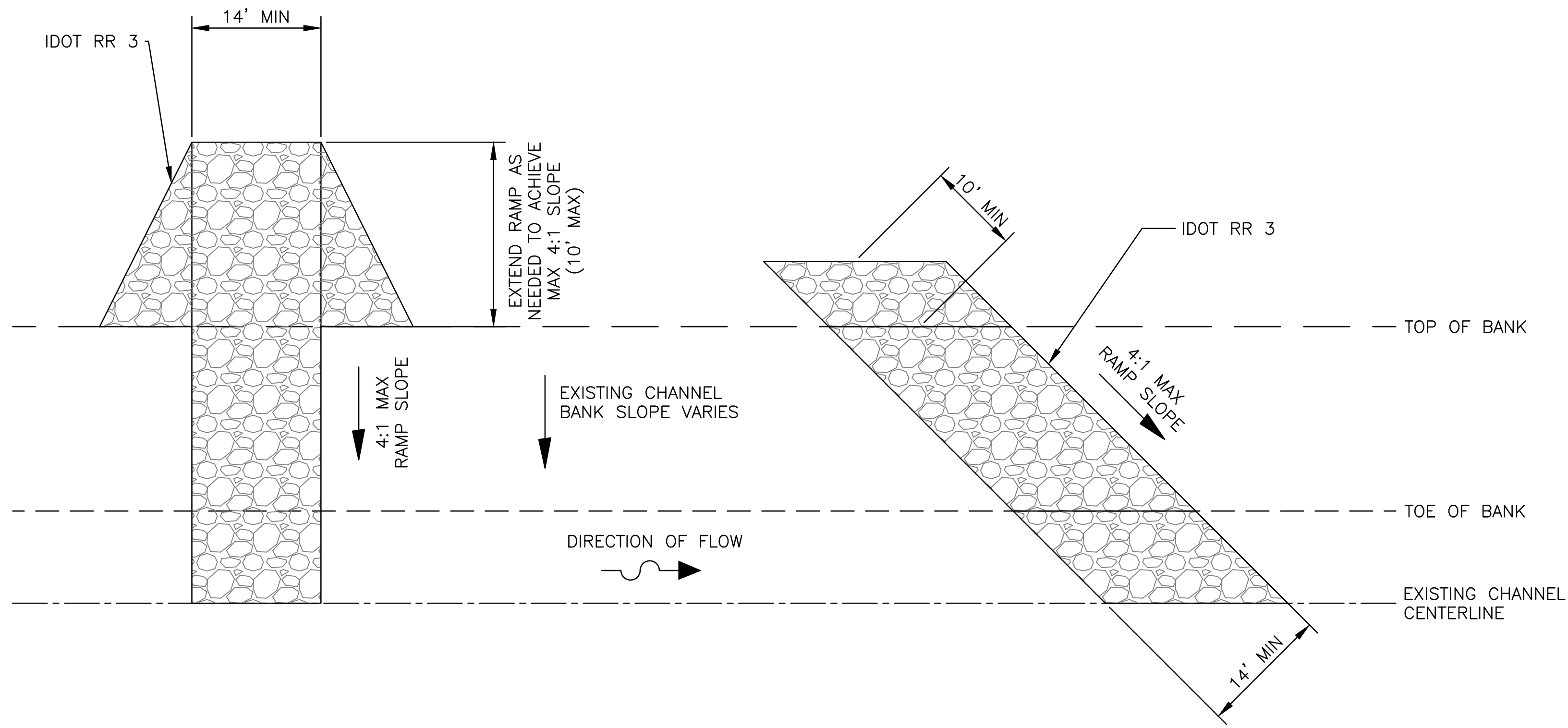
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Correct:		

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

SESC PLAN - REACH 9
 STA. 21+00 TO STA. 15+50



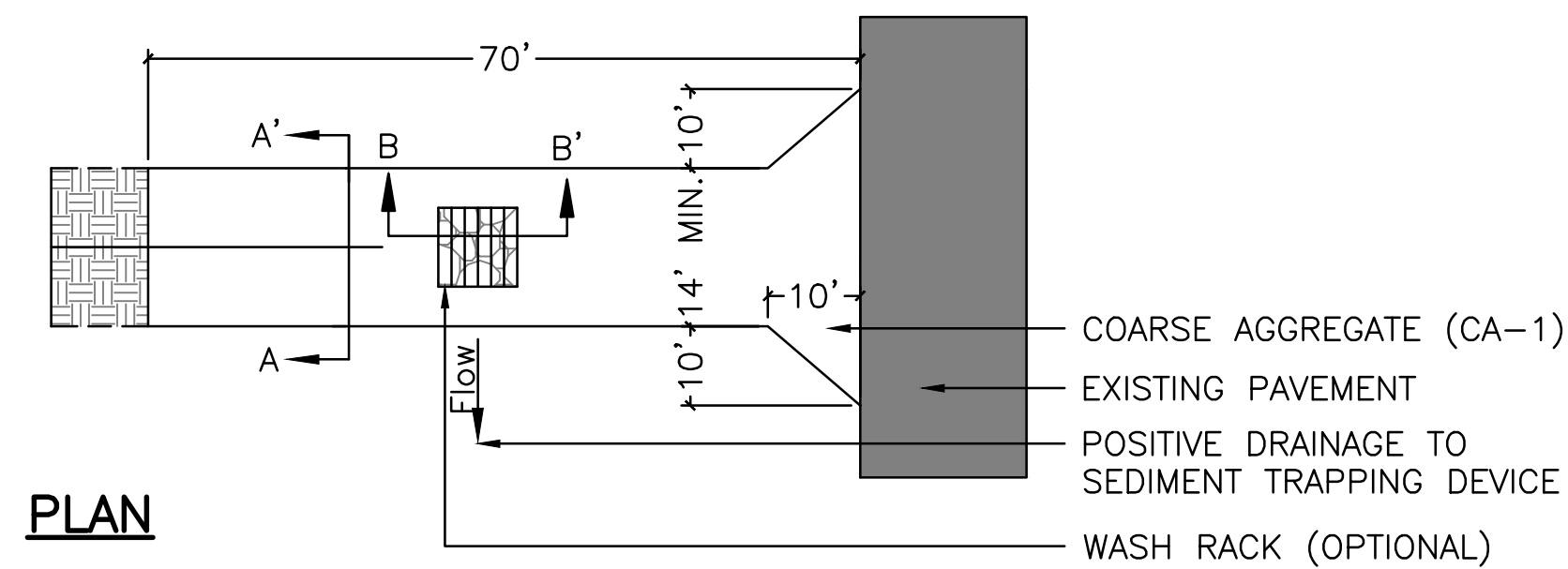
Sheet Number:
CS-109
 Page Number: 80



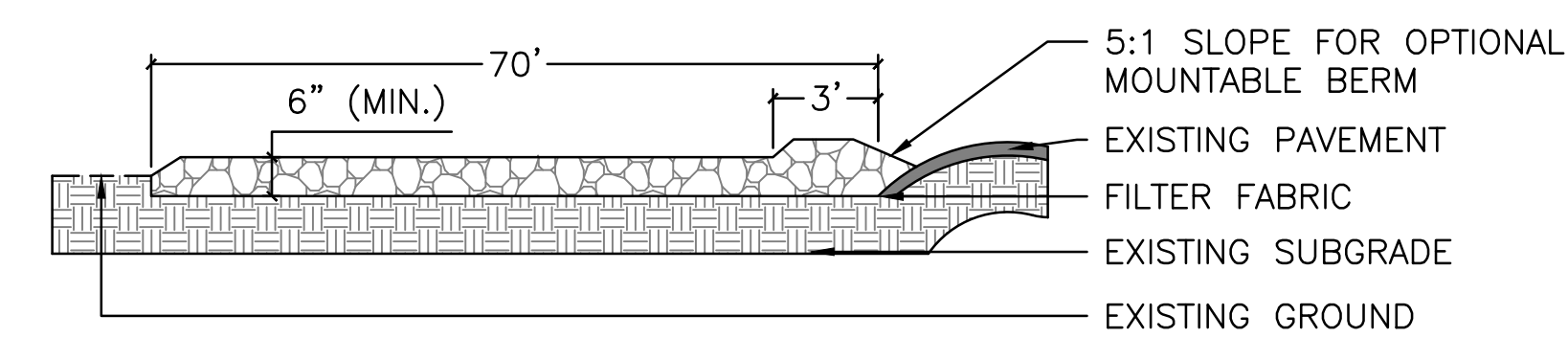
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ENTRY ANGULAR TO CHANNEL

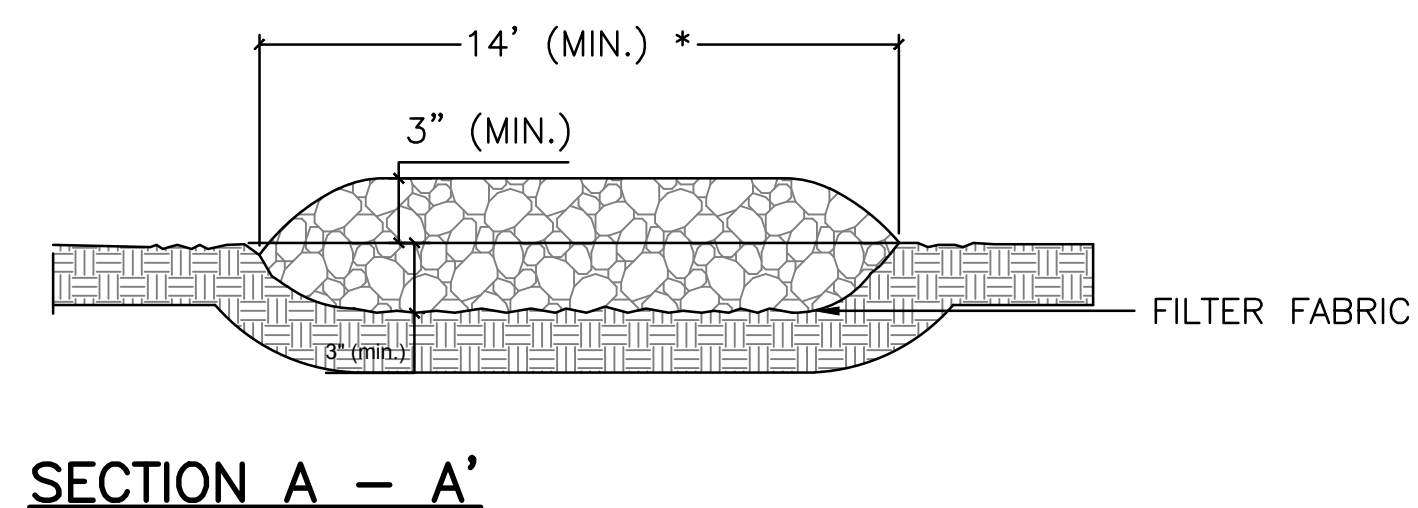
1 STABILIZED CONSTRUCTION CHANNEL ACCESS RAMP
SCALE: NTS



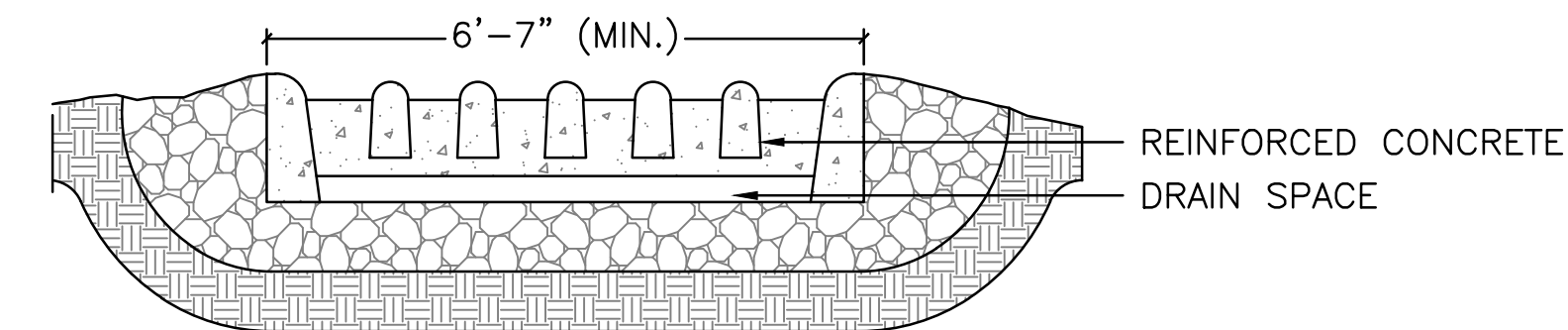
PLAN



SIDE ELEVATION



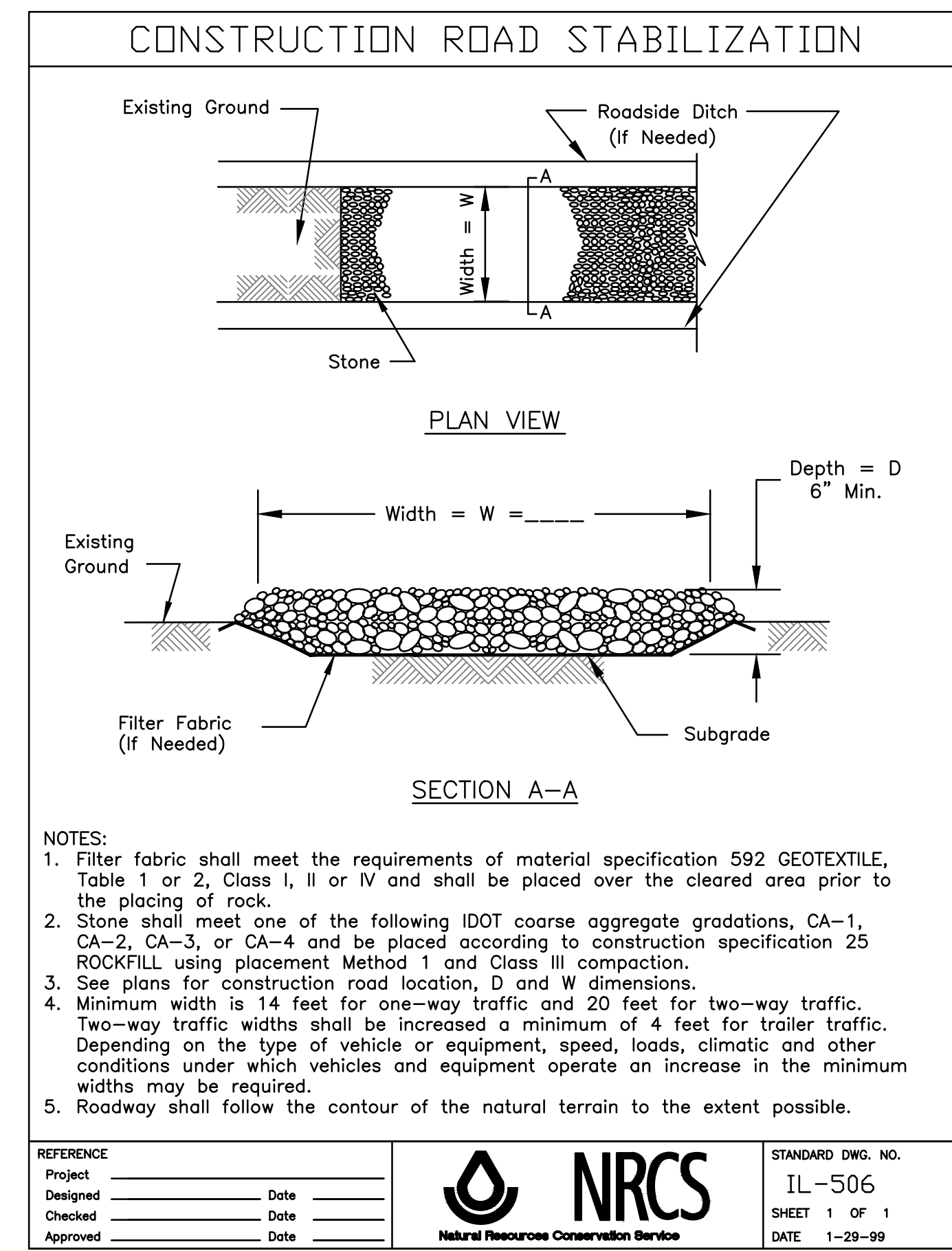
SECTION A - A'



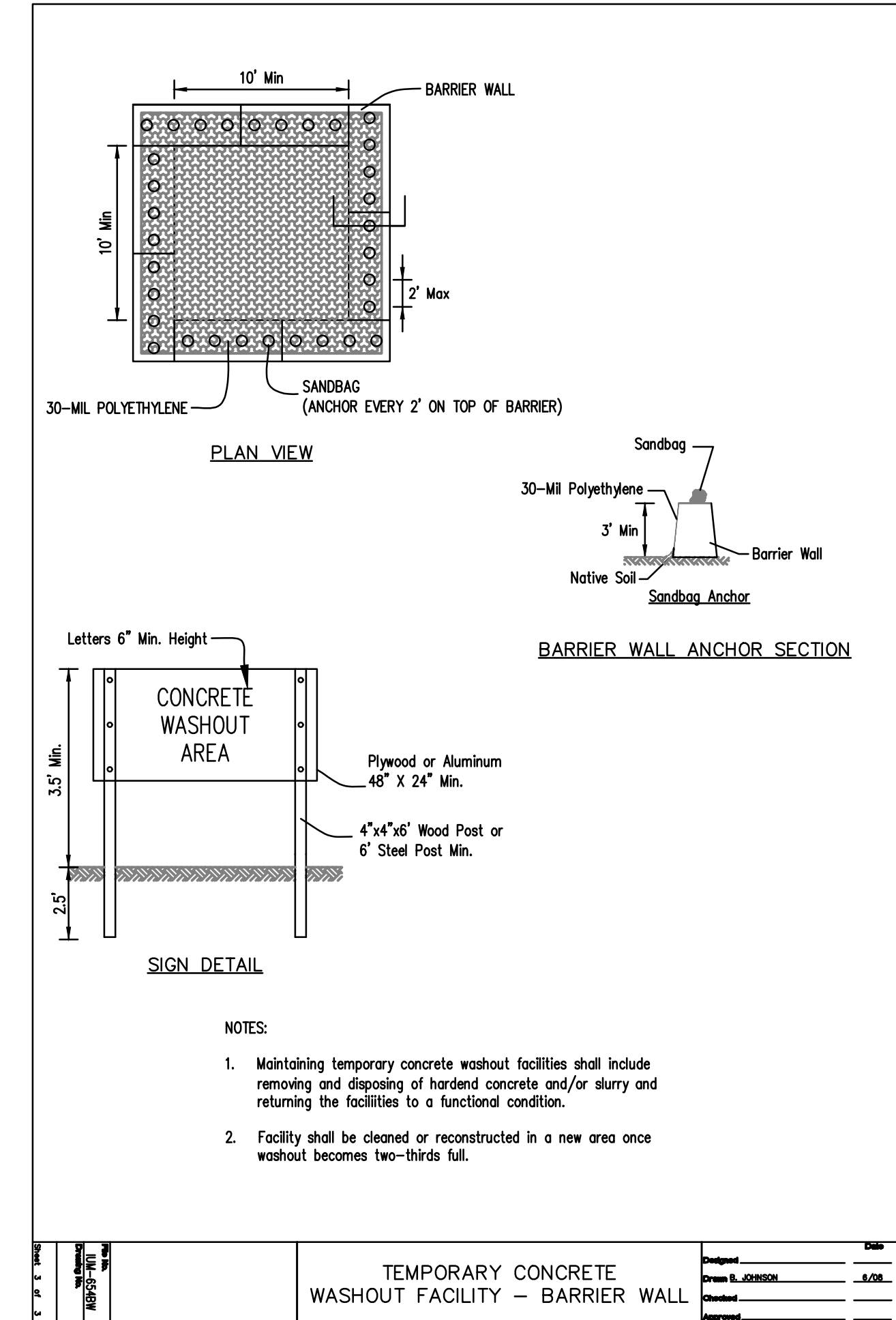
SECTION B - B'

- NOTES:
1. FILTER FABRIC SHALL MEET THE REQUIREMENTS OF THE SPECIFICATIONS AND SHALL BE PLACED OVER THE CLEARED AREA PRIOR TO THE PLACING OF ROCK.
 2. ROCK OR RECLAIMED CONCRETE SHALL MEET COARSE AGGREGATE GRADATION CA-1 AND BE PLACED ACCORDING TO THE SPECIFICATIONS.
 3. ANY DRAINAGE FACILITIES REQUIRED BECAUSE OF WASHING SHALL BE CONSTRUCTED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
 4. IF WASH RACKS ARE USED THEY SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.
* MUST EXTEND FULL WIDTH OF INGRESS AND EGRESS OPERATION.
 5. INSTALL STABILIZED CONSTRUCTION ENTRANCES AT THE LOCATIONS INDICATED ON THE PLANS OR AS APPROVED BY THE ENGINEER.
 6. IF THE CONTRACTOR UTILIZES OTHER LOCATIONS FOR CONSTRUCTION ACCESS, A STABILIZED CONSTRUCTION ENTRANCE MUST BE INSTALLED AT ALL POINTS OF CONSTRUCTION ENTERS AND EXITS ONTO PUBLIC RIGHTS-OF-WAY, STREETS, OR ANY PAVED SURFACE. ANY SUCH ADDITIONAL CONSTRUCTION ENTRANCES MUST BE APPROVED BY ENGINEER PRIOR TO THEIR CONSTRUCTION. THE COST OF ANY ADDITIONAL CONSTRUCTION ENTRANCES SHALL BE INCIDENTAL TO THE STABILIZED CONSTRUCTION ENTRANCES SHOWN ON THE PLANS.
 7. ANY SEDIMENT REACHING PUBLIC RIGHTS-OF-WAY, STREETS, OR ANY PAVED SURFACE SHALL BE REMOVED IMMEDIATELY.
 8. THE CONTRACTOR SHALL MAINTAIN THE STABILIZED CONSTRUCTION ENTRANCE IN GOOD WORKING CONDITION, INCLUDING BUT NOT LIMITED TO REPLACEMENT OF ROCK AND REMOVAL OF ACCUMULATED SEDIMENT, THROUGHOUT THE DURATION OF WORK UNTIL REMOVAL.
 9. STREET SWEEPING
 - 9.1. ANY SEDIMENT OR SOIL REACHING A PAVED PARKING AREA, ALLEY, STREET, OR PUBLIC RIGHT-OF-WAY SHALL BE REMOVED BY THE CONTRACTOR BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT, NOT LESS THAN AT THE END OF EACH DAY'S OPERATIONS, AT OTHER TIMES AS CONDITIONS WARRANT, OR AS DIRECTED BY THE ENGINEER.
 - 9.2. SEDIMENT AND SOIL REMOVED FROM SUCH PAVED AREAS SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR. SEDIMENT AND SOIL SHALL NOT BE DUMPED, SWEEPED, OR OTHERWISE DEPOSITED INTO SEWERS, ROADSIDE SWALES, WETLANDS, STREAMS, OR OTHER SUCH AREAS.
 - 9.3. ADDITIONAL STABILIZED CONSTRUCTION ENTRANCE METHODS MAY BE REQUIRED IF EXCESSIVE OR REPEATED TRACK-OUT OF SEDIMENTS OCCURS.

2 STABILIZED CONSTRUCTION ENTRANCE DETAIL
SCALE: NTS



3 CONSTRUCTION ROAD STABILIZATION
SCALE: NTS



4 TEMP. CONC. WASHOUT FACILITY
SCALE: NTS

Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

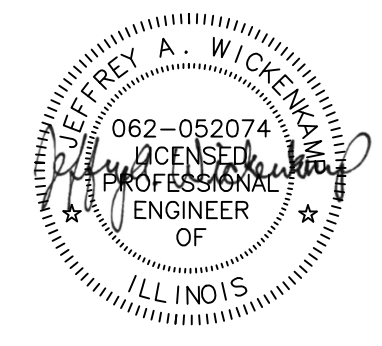
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Reviewed by: JAW
Correct:

Scale: AS SHOWN
Date: 2022

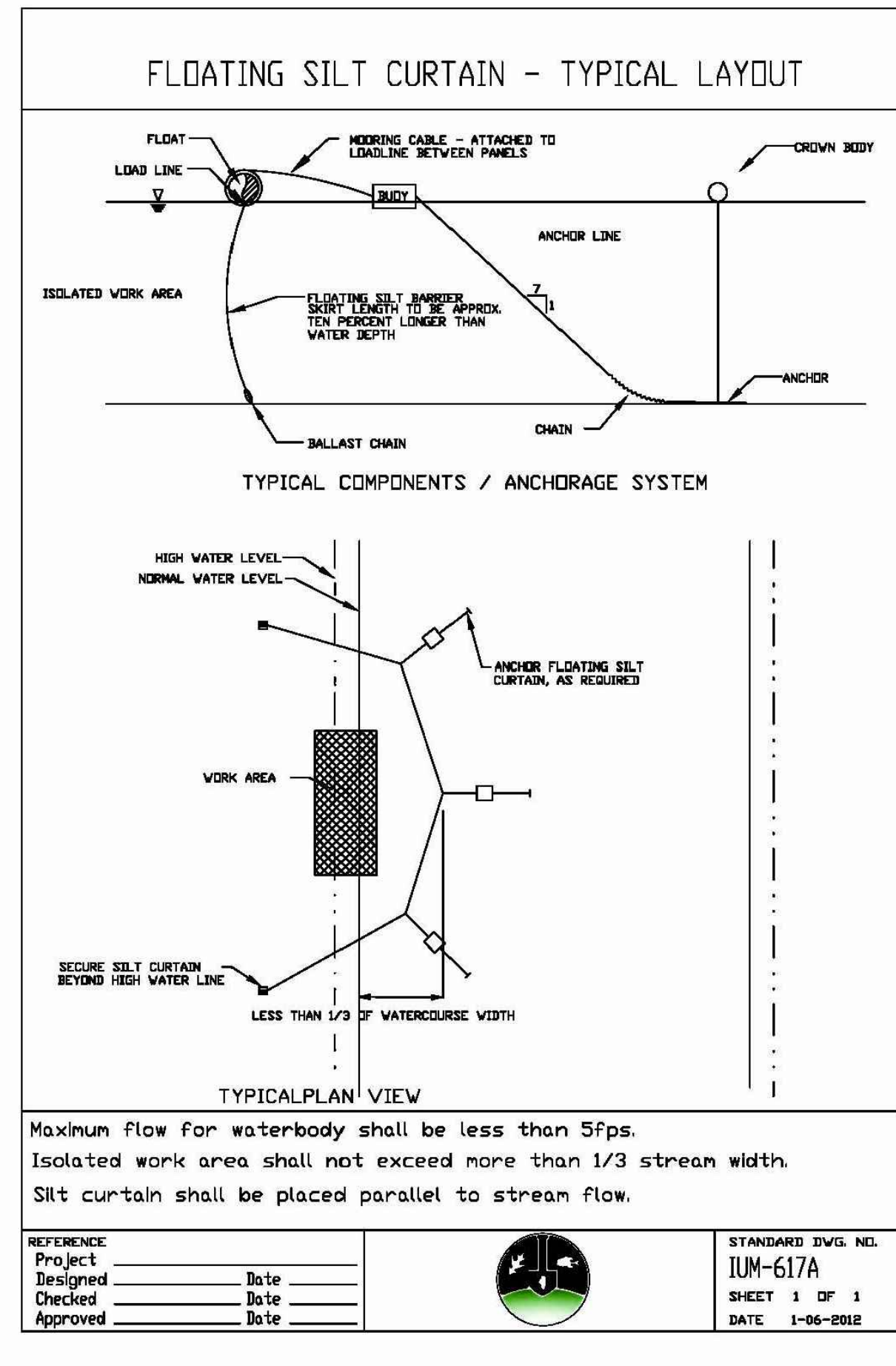
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CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

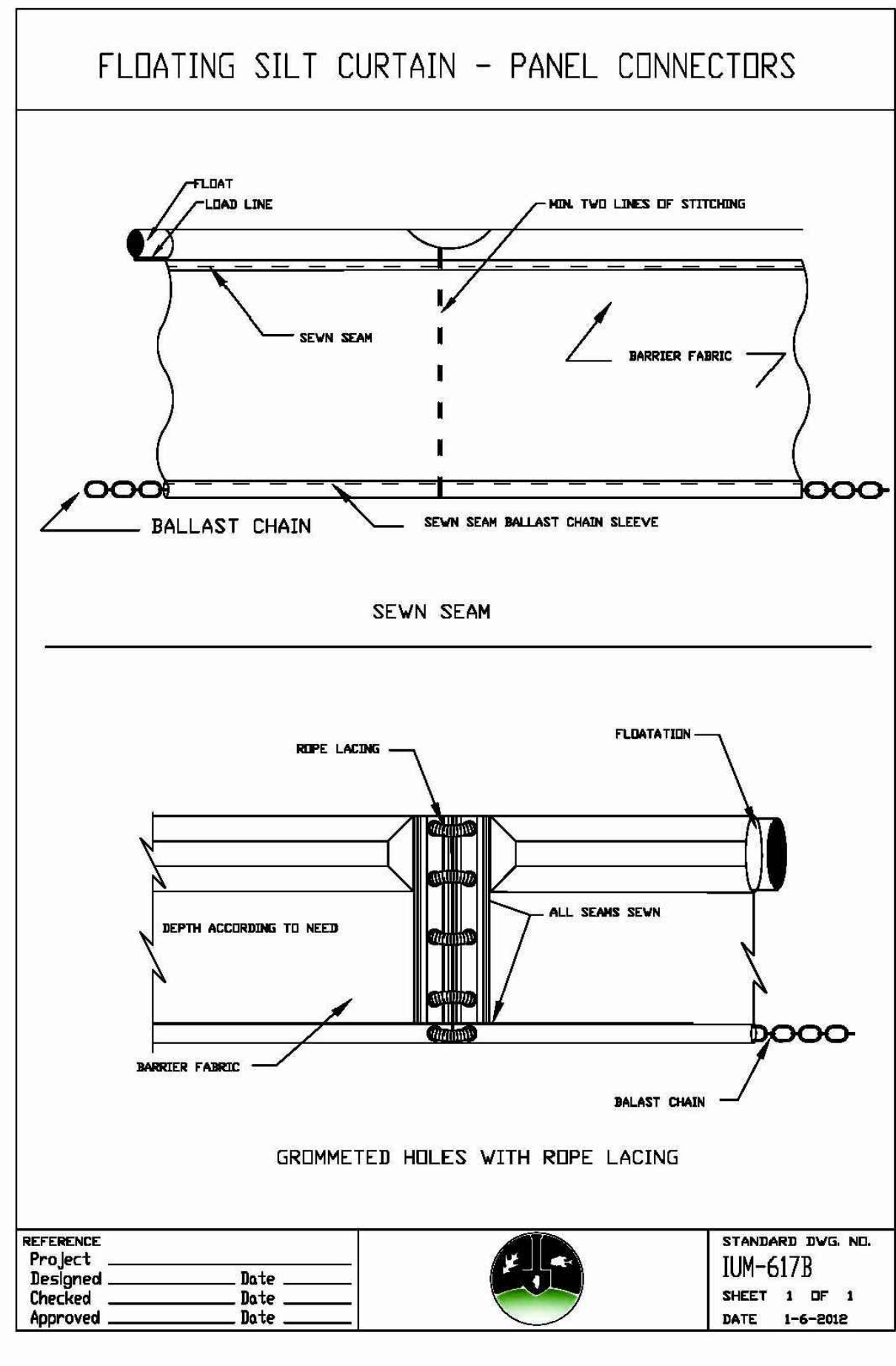
SESC DETAILS



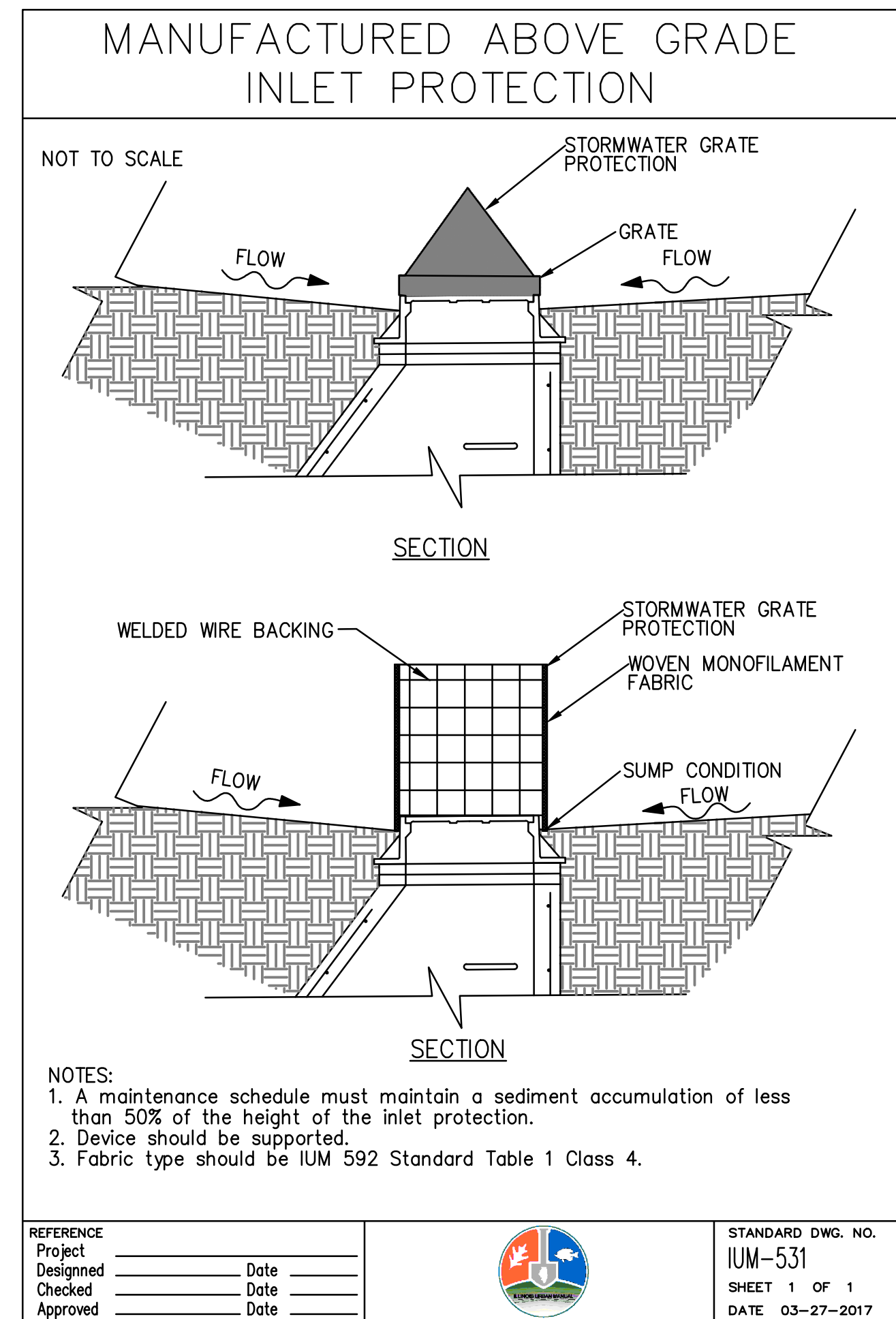
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 PLOT DATE: 9/28/2022 1:51 PM PLOTTED BY: KYLE SOLNER



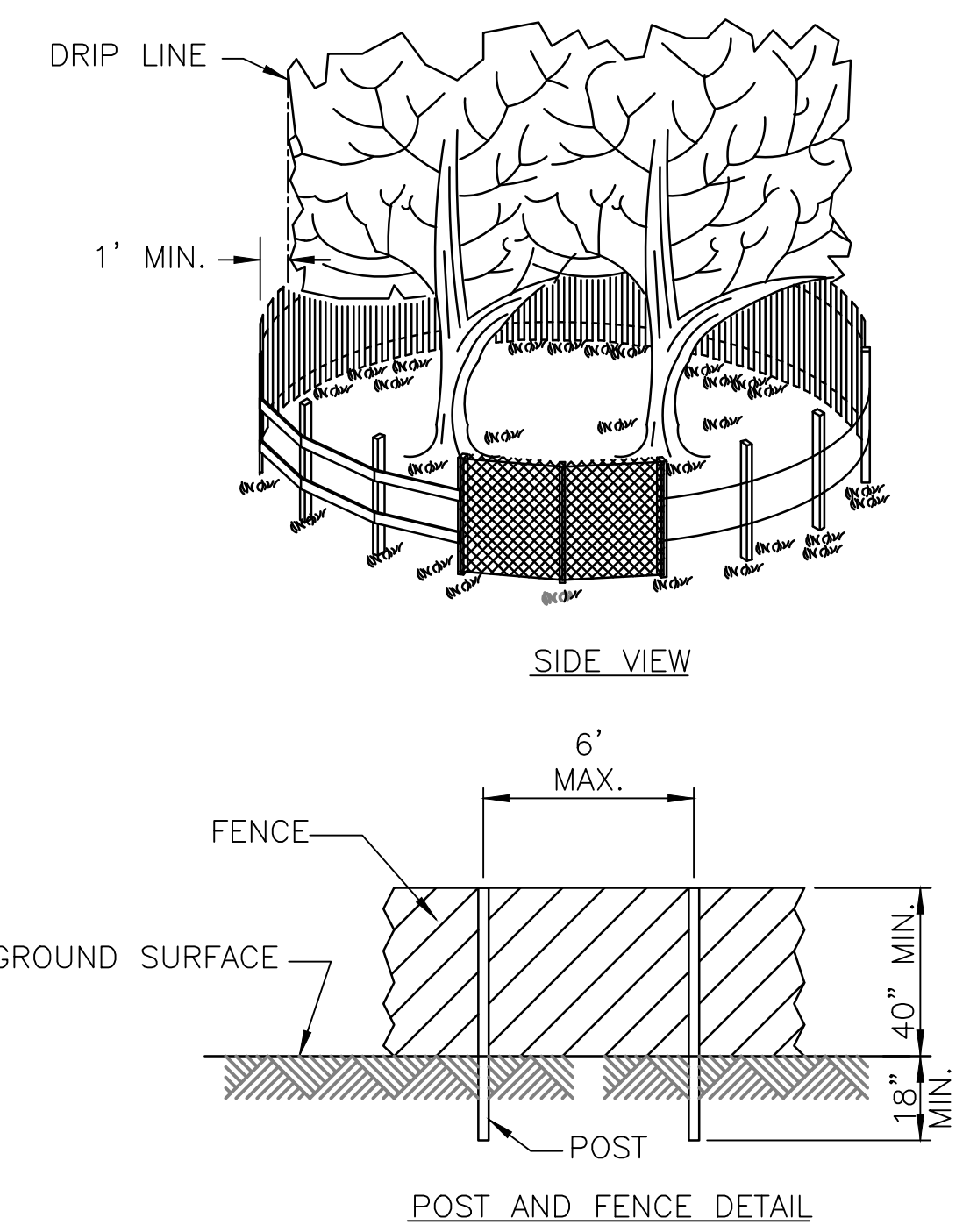
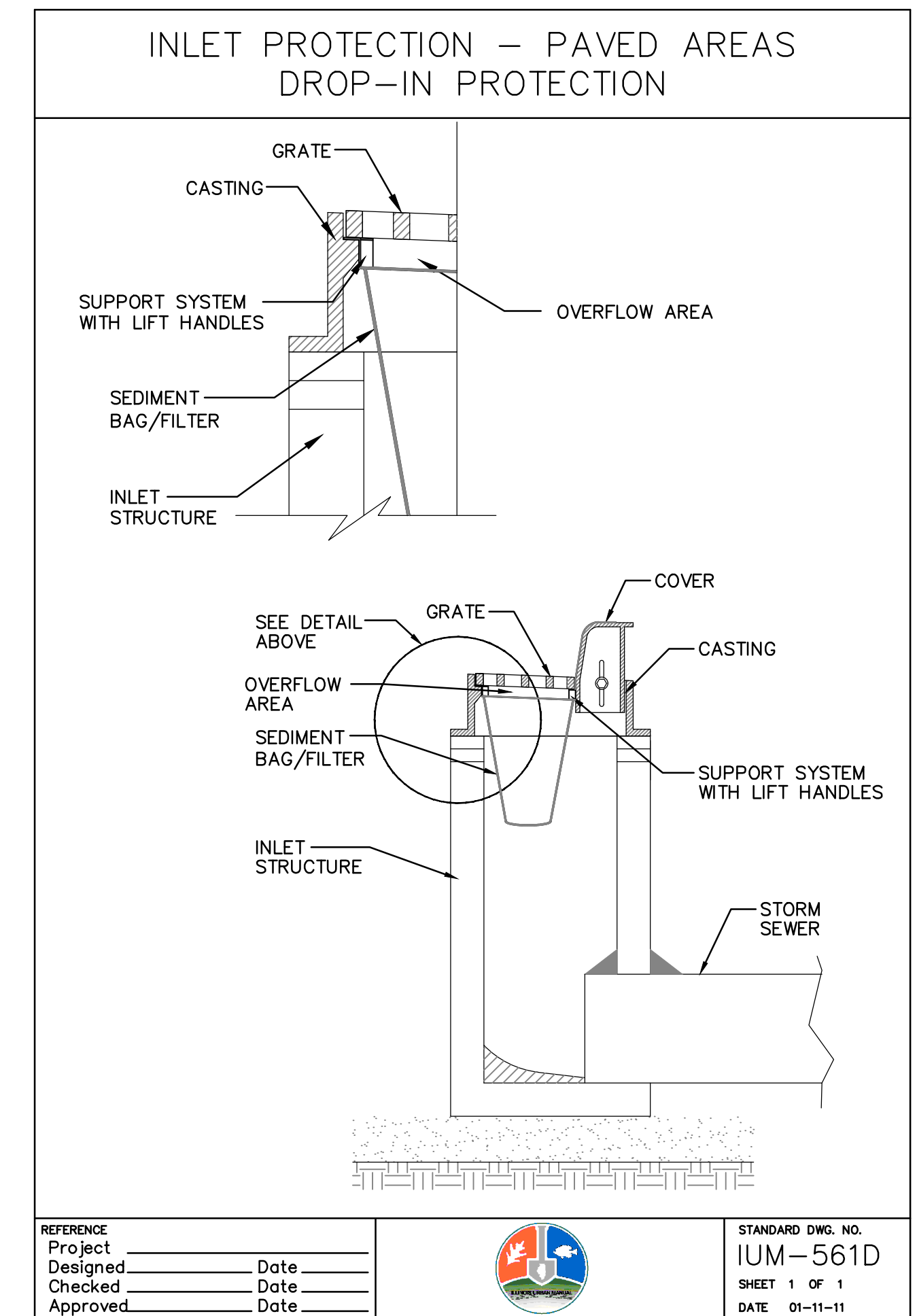
1 FLOATING SILT CURTAIN
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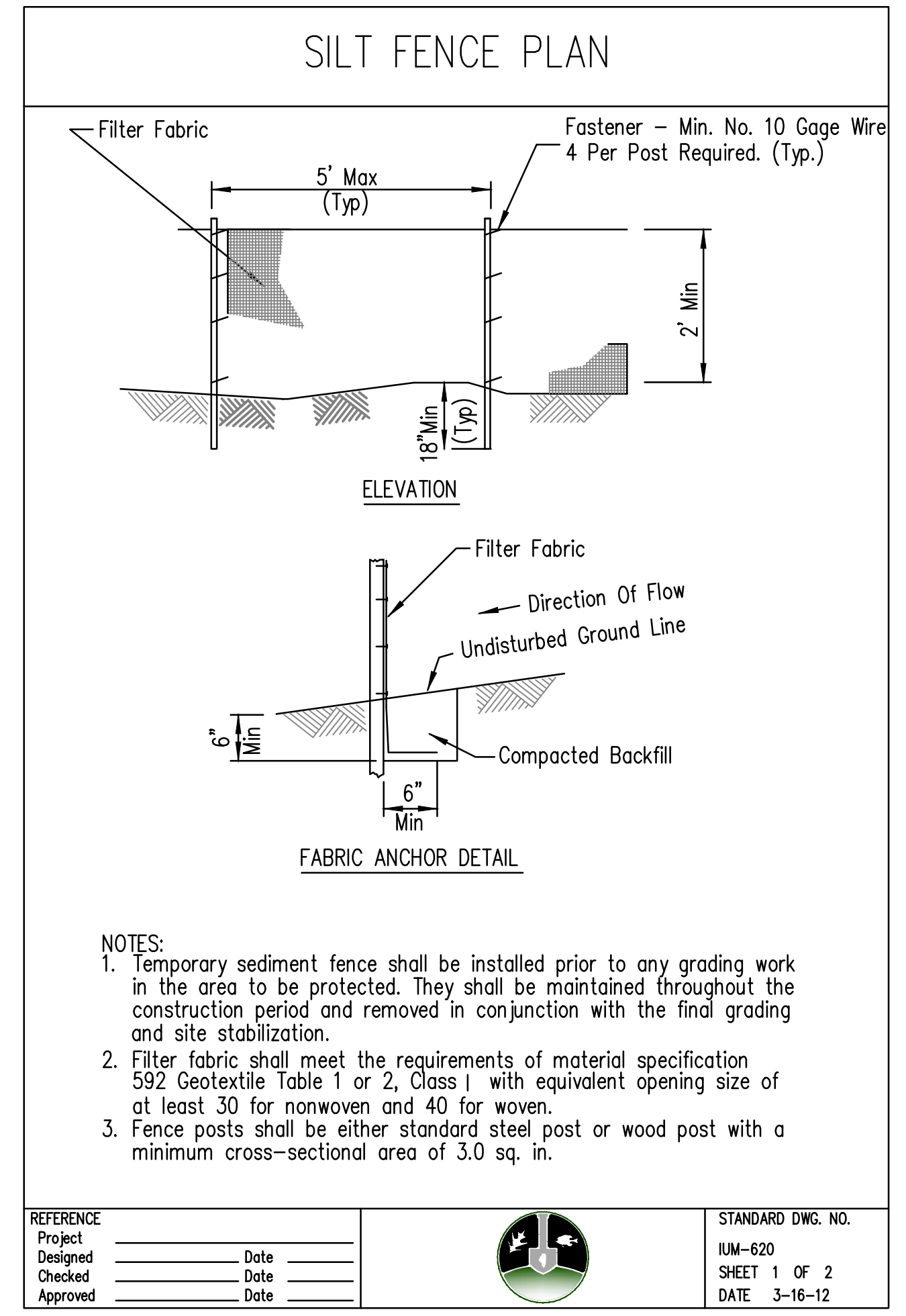
4 SILT FENCE INSTALLATION DETAIL
 SCALE: NTS



2 INLET PROTECTION DETAILS
 SCALE: NTS



3 TREE PROTECTION FENCE DETAIL
 SCALE: NTS



SOIL PROTECTION CHART

STABILIZATION CHART	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
PERMANENT SEEDINGS	A	A	A	A	A			A	A	A	A	A
TEMPORARY SEEDINGS			B			C						
MULCHING	D											

- A - REFER TO PLANTING PLANS
- B - SPRING OATS 100 LBS./AC.
- C - WHEAT OR CEREAL RYE
- D - STRAW MULCH - 2 TONS PER ACRE

5 TEMPORARY STABILIZATION DURING GROWING SEASON
 SCALE: NTS

Rev.	Description	Appr.	Date

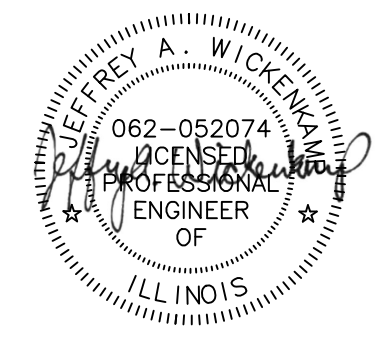
METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

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 Checked by: PML
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 Reviewed by: JAW
 Date: 2022
 Correct:

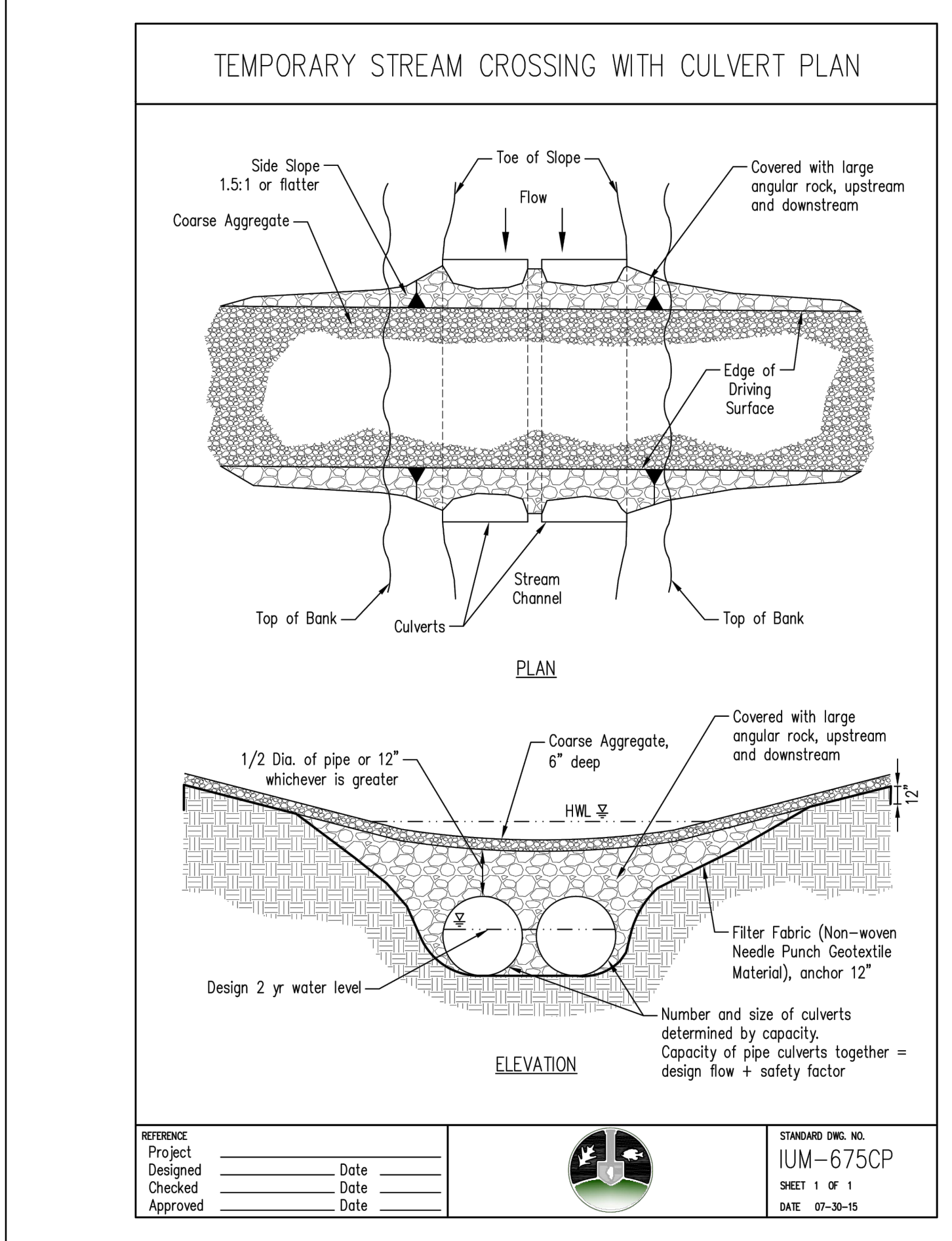
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

SESC DETAILS



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 PLOT DATE: 10/13/2022 10:35 AM PLOTTED BY: KYLE SOLNER



NOTES:

1. CONTRACTOR TO SUBMIT IN-STREAM WORK PLAN THAT SHOULD INCORPORATE ANY STREAM CROSSING LOCATIONS.
2. TABLE BELOW OF 2-YEAR PEAK DISCHARGE BY REACH PROVIDED FOR REFERENCE.
3. NEAREST USGS STREAM GAGE DATA FOR REFERENCE: ADDISON CREEK AT BELLWOOD, IL (SITE NUMBER 05532000). WEB ADDRESS (AS OF JANUARY 2019): https://waterdata.usgs.gov/nwis/inventory?agency_code=USGS&site_no=05532000
4. CONTRACTOR TO COORDINATE ANY TEMPORARY STREAM CROSSINGS WITH ENGINEER.

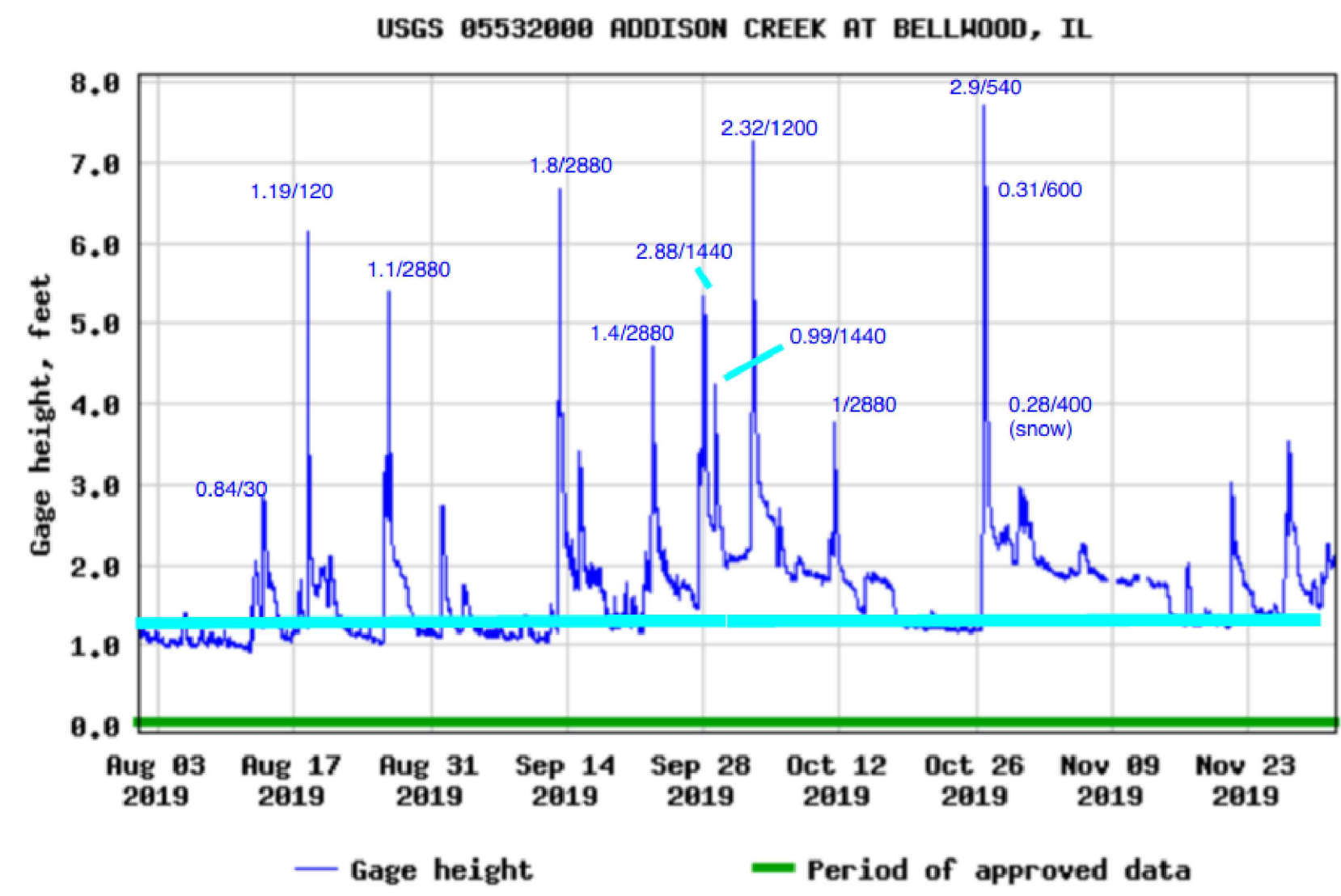
2-YEAR PEAK DISCHARGE BY REACH

REACH	2-YEAR PEAK DISCHARGE (CFS)
1	261
2	290
3 (LAKE STREET CULVERT TO UNNAMED TRIBUTARY A)	292
3 (UNNAMED TRIBUTARY A TO UNION PACIFIC RR BRIDGE AT STATION 208+00)	490
4	590
5	590
6	804
7	831
8	923
9	969

2019

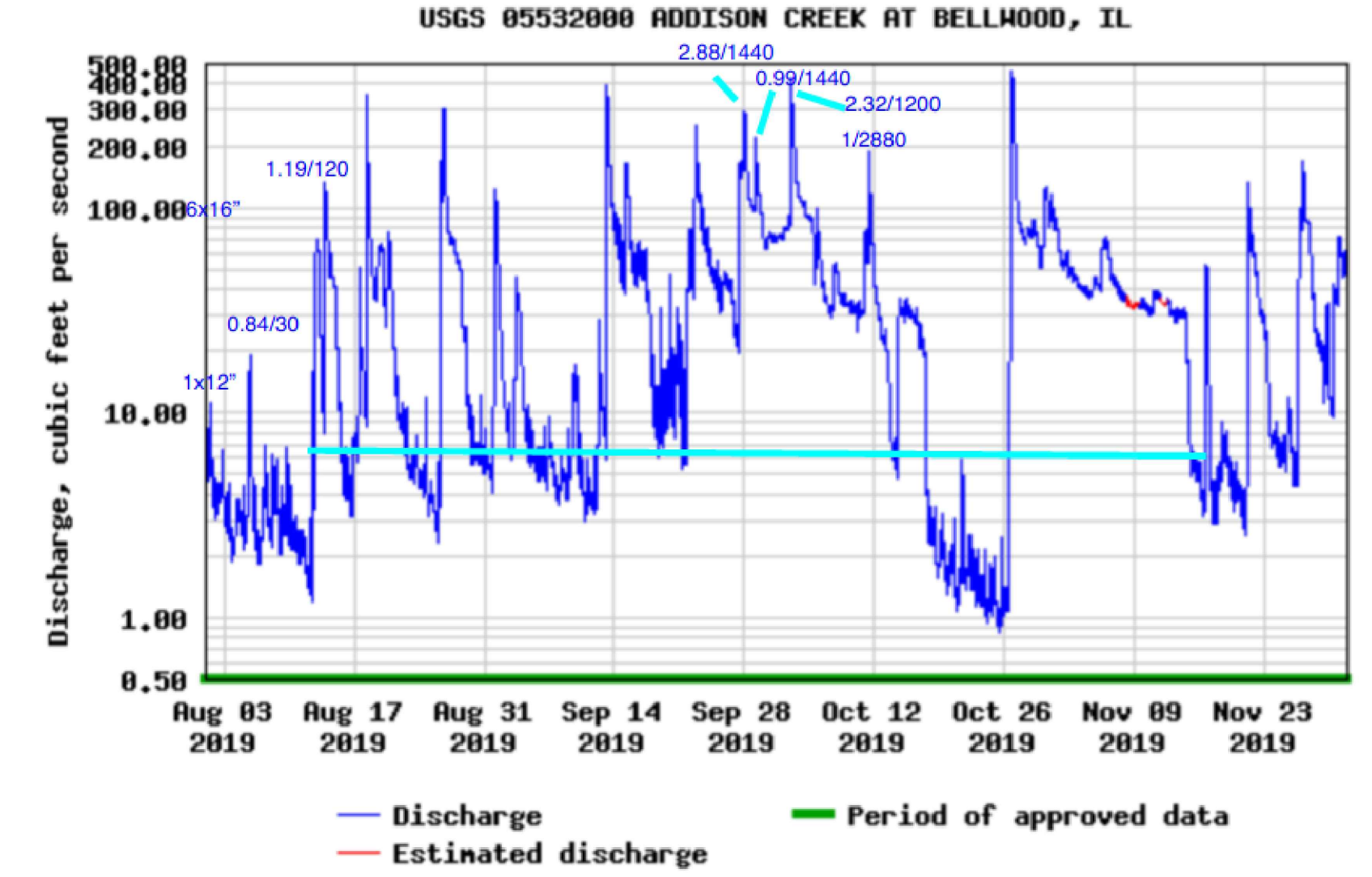
Base flow gage height at the Bellwood gage is about 1.0 foot. During historically wet year in 2019, rain fall greater than about 1-inch would result in ADCR overtopping in-stream work barriers at a gage height of 4.0 feet. ADCR gage heights drop rapidly after rain stops. Base flow discharge is about 3 to 5 cfs. After 1-inch rains it usually takes a few days for discharge to drop below 20 cfs. Every work area must be dewatered for constructability (i.e. dewatering the work area is required to observe the placement of materials) as well as for meeting permit requirements, and creek discharge must be diverted around every work area. After 1-inch about a week's delay appears usual by referring to the following data from the Bellwood gage on ADCR.

For the record-rainfall year thru October, 2019 COCORAHS.com rain depth (inches) and storm duration (minutes) data for Cook County are written adjacent to the spikes on the graphs.



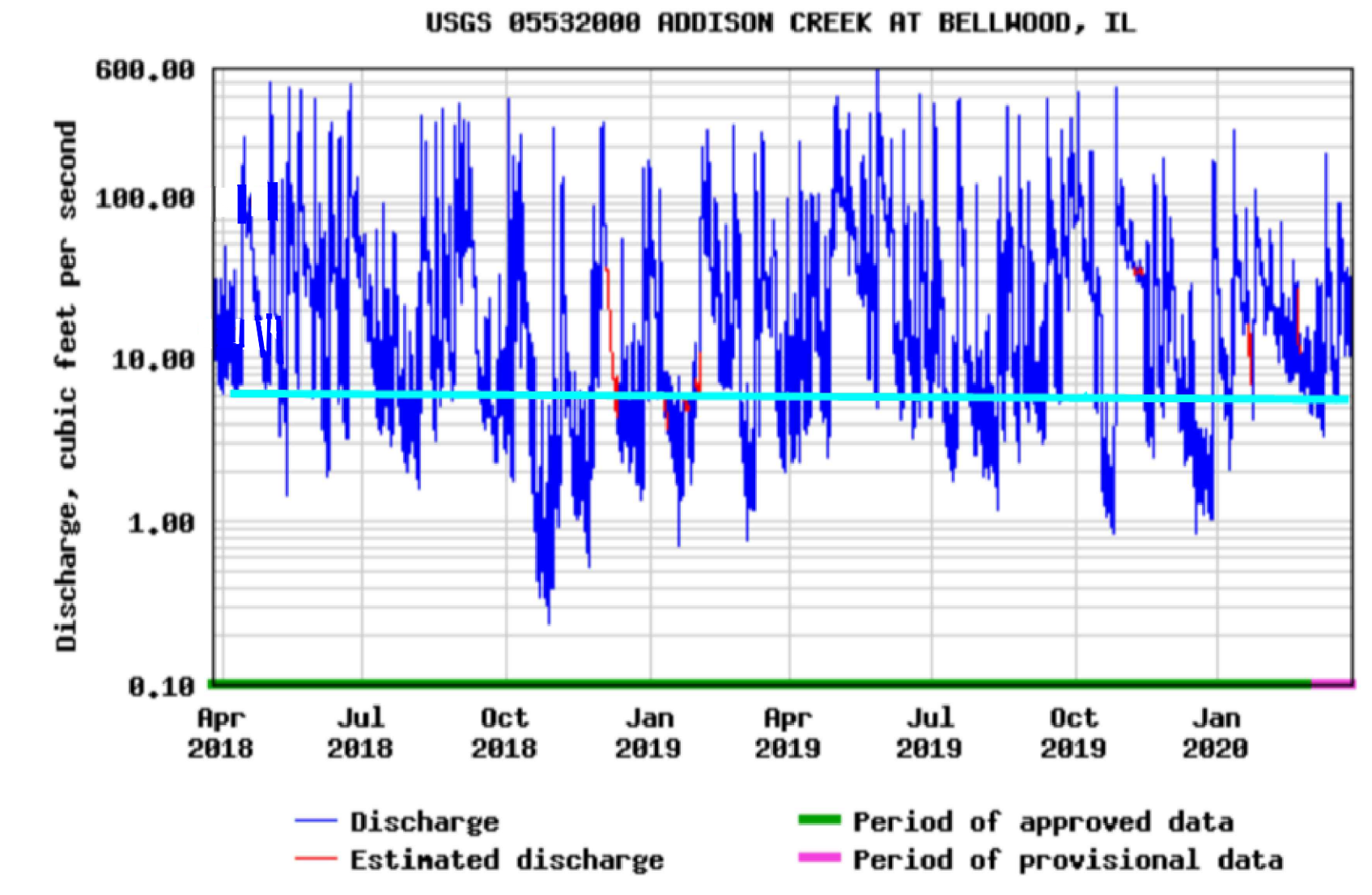
2020

On March 3, 2020 the gage height reported at the Bellwood gage was 1.2 feet and the discharge about 7 cfs (light blue lines drawn on the graphs). The number and size of pumps needed to divert 100 cfs and 15 cfs is written on the discharge versus date graph. These pump requirements come from a Rain For Rent report documenting diverting the Truckee River tributary to Lake Tahoe: diverting 100 cfs required 6x16-inch pumps, diverting 15 cfs required 1x12-inch pump. At ADCR the longest duration of high discharges came at the end of the record-wet September-October, 2019, and again after the Halloween storm (3 to 4 weeks).



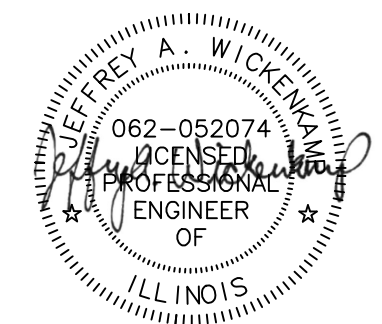
2018-2020

Over the two-year period April 2018-2020, these appear to be the longest duration of high discharge:



RANGE OF BASEFLOW DEPTHS BY REACH

REACH	MIN. DEPTH (FT)	MAX. DEPTH (FT)
1	0.59	3.30
2	0.81	2.64
3	0.15	3.02
4	0.44	2.41
5	0.31	2.52
6	1.16	3.04
7	1.56	3.34
8	0.54	2.18
9	0.32	1.96



Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: TCT
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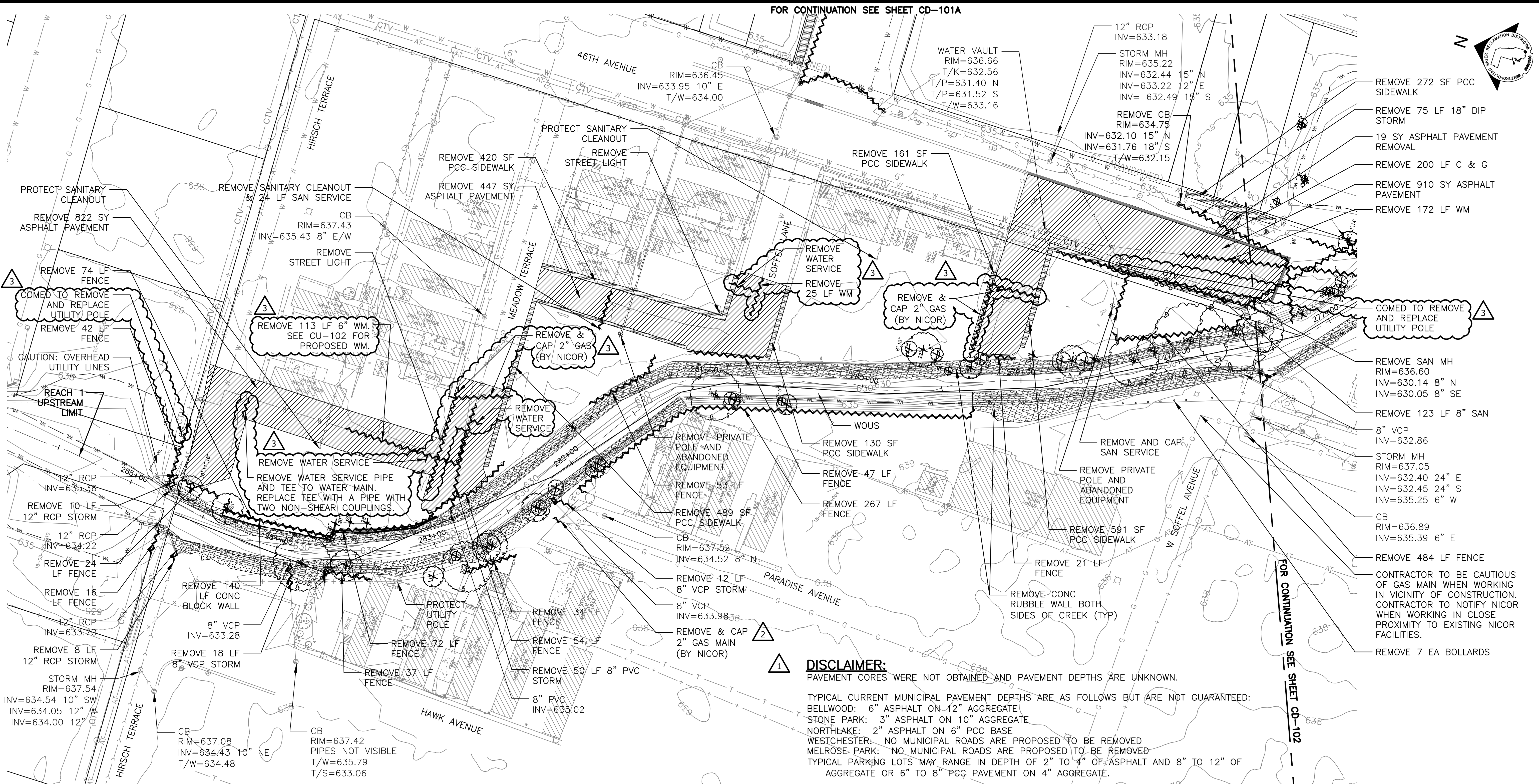
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

SESC DETAILS

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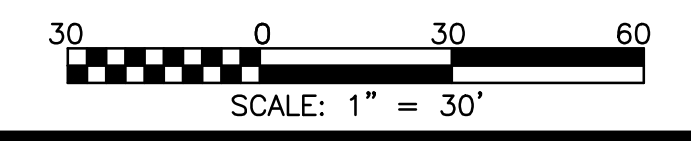
DEMOLITION NOTES:

- PRIOR TO DEMOLITION, CONTRACTOR SHALL COORDINATE WITH UTILITIES, LOCATE AND DISCONNECT BUILDING UTILITIES SERVICES. CONTRACTOR SHALL COORDINATE WITH OWNER OF MEADOWCREEK FOR UTILITY DEMOLITION AND RELOCATION ON THE MEADOWCREEK PROPERTY.
- DEMOLITION OF TRAILERS AND STRUCTURES INCLUDE ELECTRICAL CONDUIT AND ANY OTHER ASSOCIATED UTILITIES. UTILITIES NOT REMOVED SHALL BE CAPPED AND ABANDONED IN PLACE.
- TREES OUTSIDE OF THE DELINEATED TREE REMOVAL AREA ARE NOT TO BE REMOVED OR DAMAGED DURING DEMOLITION ACTIVITIES.
- MOBILE HOMES AND STRUCTURES TO REMAIN SHALL NOT BE DAMAGED DURING DEMOLITION ACTIVITIES.
- CONTRACTOR SHALL PROHIBIT VEHICLE AND PEDESTRIAN TRAFFIC THROUGH THE WORK AREA.
- THERE ARE OVERHEAD UTILITIES. IN THE DELINEATED CONSTRUCTION LIMITS AS SHOWN ON SHEETS CS-101 TO CS-109, CONTRACTORS SHALL USE CAUTION WHEN WORKING IN THESE AREAS.
- REMOVE ACCUMULATED CONCRETE, RIPRAP AND DEBRIS FROM THE CHANNEL IN THE AREA OF WORK.
- CONTRACTOR SHALL REMOVE ALL TREES, TREE STUMPS, BUSHES AND BRUSH AND CONDUCT CLEARING AND GRUBBING WITHIN THE DELINEATED CONSTRUCTION LIMITS AS SHOWN ON SHEETS CS-101 TO CS-109.
- WHEN UTILITY POLES ARE REMOVED, ENSURE THAT ALL CABLE, TELEPHONE, ELECTRICAL LINES, METERS, AND OTHER ASSOCIATED ITEMS ARE REMOVED FROM THE TRAILERS AT MEADOWCREEK TO BE DEMOLISHED.
- CONTRACTOR SHALL REMOVE WATER SERVICE LINES WITHIN MEADOWCREEK MOBILE PARK AS SHOWN ON CD-101.
- SESC PLAN MUST BE INSTALLED PRIOR TO THE START OF DEMOLITION.
- CONTRACTOR SHALL SURVEY AND PROVIDE COORDINATES AND ELEVATIONS ON CAPPED UTILITIES BEFORE BACKFILLING.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY TRAFFIC BARRIERS AT ROADS WHERE GUARDRAIL/FENCING/BOLLARDS ARE REMOVED UNTIL PERMANENT BARRIERS ARE INSTALLED.

DEMOLITION LEGEND

	EX MOBILE HOME AND ASSOCIATED PAVEMENT, UTILITIES, STRUCTURES AND APPURTENANCES TO BE REMOVED		EX BRIDGE TO BE REMOVED		EX FENCE TO BE REMOVED		EX UTILITY POLE TO BE REMOVED
	EX BUILDING AND ASSOCIATED PAVEMENT, UTILITIES, STRUCTURES AND APPURTENANCES TO BE REMOVED		EX WALL TO BE REMOVED		EX FENCE TO BE REMOVED		EX LIGHT TO BE REMOVED
	EX CONCRETE SIDEWALK/SLOPES & CHANNEL TO BE REMOVED TO FULL DEPTH INCLUDING SUBBASE		EX STORM TO BE REMOVED		EX GUARDRAIL TO BE REMOVED		EX UTILITY POLE W/LIGHT TO BE REMOVED
	EX ASPHALT PAVEMENT TO BE REMOVED TO FULL DEPTH INCLUDING SUBBASE		EX SANITARY TO BE REMOVED		EX C & G TO BE REMOVED		EX TREE TO BE REMOVED
	EX CONCRETE TO BE REMOVED TO FULL DEPTH INCLUDING SUBBASE		EX SANITARY TO BE ABANDONED				EX STUMP TO BE REMOVED
	EX ASPHALT PAVEMENT TO BE REMOVED TO FULL DEPTH INCLUDING SUBBASE		EX WATER MAIN TO BE REMOVED				
	EX GRAVEL PAVEMENT TO BE REMOVED TO FULL DEPTH INCLUDING SUBBASE		EX WATER MAIN TO BE ABANDONED				
	EX CONCRETE PAVERS TO BE REMOVED TO FULL DEPTH INCLUDING SUBBASE		EX GAS MAIN TO BE REMOVED				
	EX CONC RUBBLE WALL TO BE REMOVED TO FULL DEPTH INCLUDING SUBBASE		EX FENCE TO BE REMOVED				

DISCLAIMER:
 PAVEMENT CORES WERE NOT OBTAINED AND PAVEMENT DEPTHS ARE UNKNOWN.
 TYPICAL CURRENT MUNICIPAL PAVEMENT DEPTHS ARE AS FOLLOWS BUT ARE NOT GUARANTEED:
 BELLWOOD: 6" ASPHALT ON 12" AGGREGATE
 STONE PARK: 3" ASPHALT ON 10" AGGREGATE
 NORTHLAKE: 2" ASPHALT ON 6" PCC BASE
 WESTCHESTER: NO MUNICIPAL ROADS ARE PROPOSED TO BE REMOVED
 MELROSE PARK: NO MUNICIPAL ROADS ARE PROPOSED TO BE REMOVED
 TYPICAL PARKING LOTS MAY RANGE IN DEPTH OF 2" TO 4" OF ASPHALT AND 8" TO 12" OF AGGREGATE OR 6" TO 8" PCC PAVEMENT ON 4" AGGREGATE.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 2	JAW	01/06/23
2	ADDENDUM NO. 4	JAW	01/05/23
3	ADDENDUM NO. 7	JAW	05/07/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: TCT
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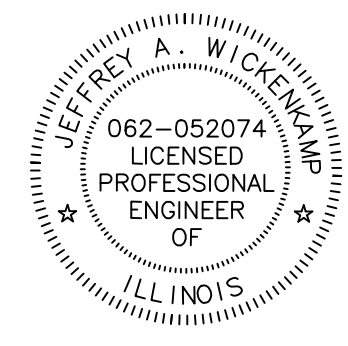
Hcy and Associates, Inc.
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 8755 West Higgins Road, Suite 835
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 Chicago@HcyAssoc.com
 LICENSE NO. 184002429

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

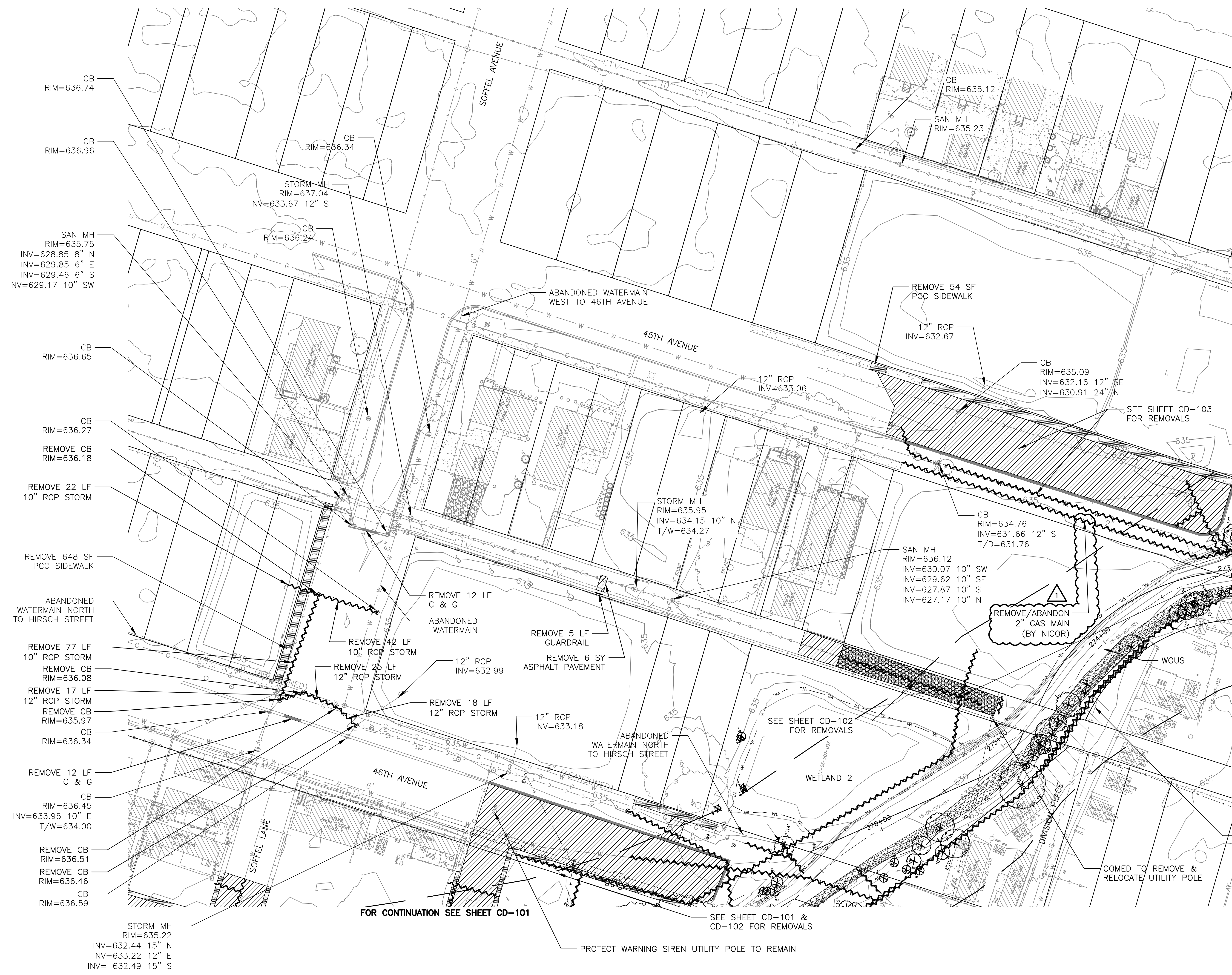
DEMOLITION PLAN - REACH 1
 STA. 285+50 TO STA. 277+50

Sheet Number:
CD-101

Page Number: 84



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 PLOT DATE: 5/1/2023 4:02 PM PLOTTED BY: KYLE SOLNER



DEMOLITION LEGEND
 SEE SHEET CD-101

NOTE:
 CONTRACTOR SHALL REMOVE ALL TREES, TREE STUMPS, BUSHES AND BRUSH AND CONDUCT CLEARING AND GRUBBING WITHIN THE DELINEATED CONSTRUCTION LIMITS AS SHOWN ON SHEETS CS-101 TO CS-109.

FOR CONTINUATION SEE SHEET CD-103

FOR CONTINUATION SEE SHEET CD-102

CONTRACTOR TO BE CAUTIOUS OF GAS MAIN WHEN WORKING IN VICINITY OF CONSTRUCTION. CONTRACTOR TO NOTIFY NICOR WHEN WORKING IN CLOSE PROXIMITY TO EXISTING NICOR FACILITIES.

Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

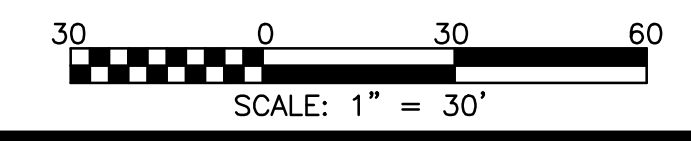
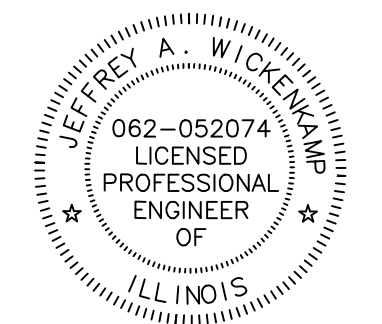
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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

EXISTING CONDITIONS - REACH 1
 NORTHLAKE TRAIL AREA

Sheet Number:
CD-101A
 Page Number: 85



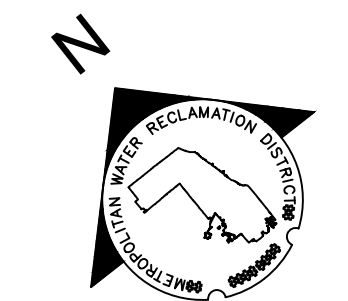
FOR CONTINUATION SEE SHEET CD-101

SEE SHEET CD-101 & CD-102 FOR REMOVALS

PROTECT WARNING SIREN UTILITY POLE TO REMAIN

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PLOT DATE: 1/20/2023 11:08 AM PLOTTED BY: KYLE SOLINER

FOR CONTINUATION SEE SHEET CD-101A



DEMOLITION LEGEND
SEE SHEET CD-101

NOTE:
CONTRACTOR SHALL REMOVE ALL TREES, TREE STUMPS, BUSHES AND BRUSH AND CONDUCT CLEARING AND GRUBBING WITHIN THE DELINEATED CONSTRUCTION LIMITS AS SHOWN ON SHEETS CS-101 TO CS-109.

Rev.	Description	Appr.	Date
A	ADDENDUM NO. 4	JAW	07/25/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

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Correct:					

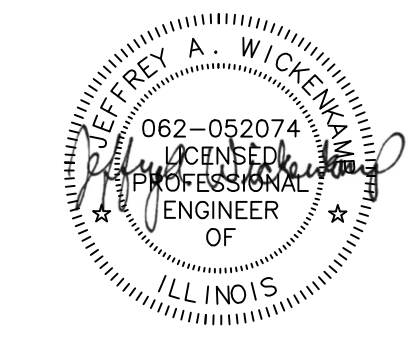
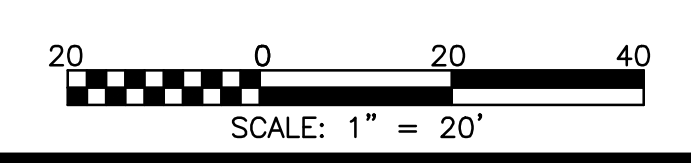
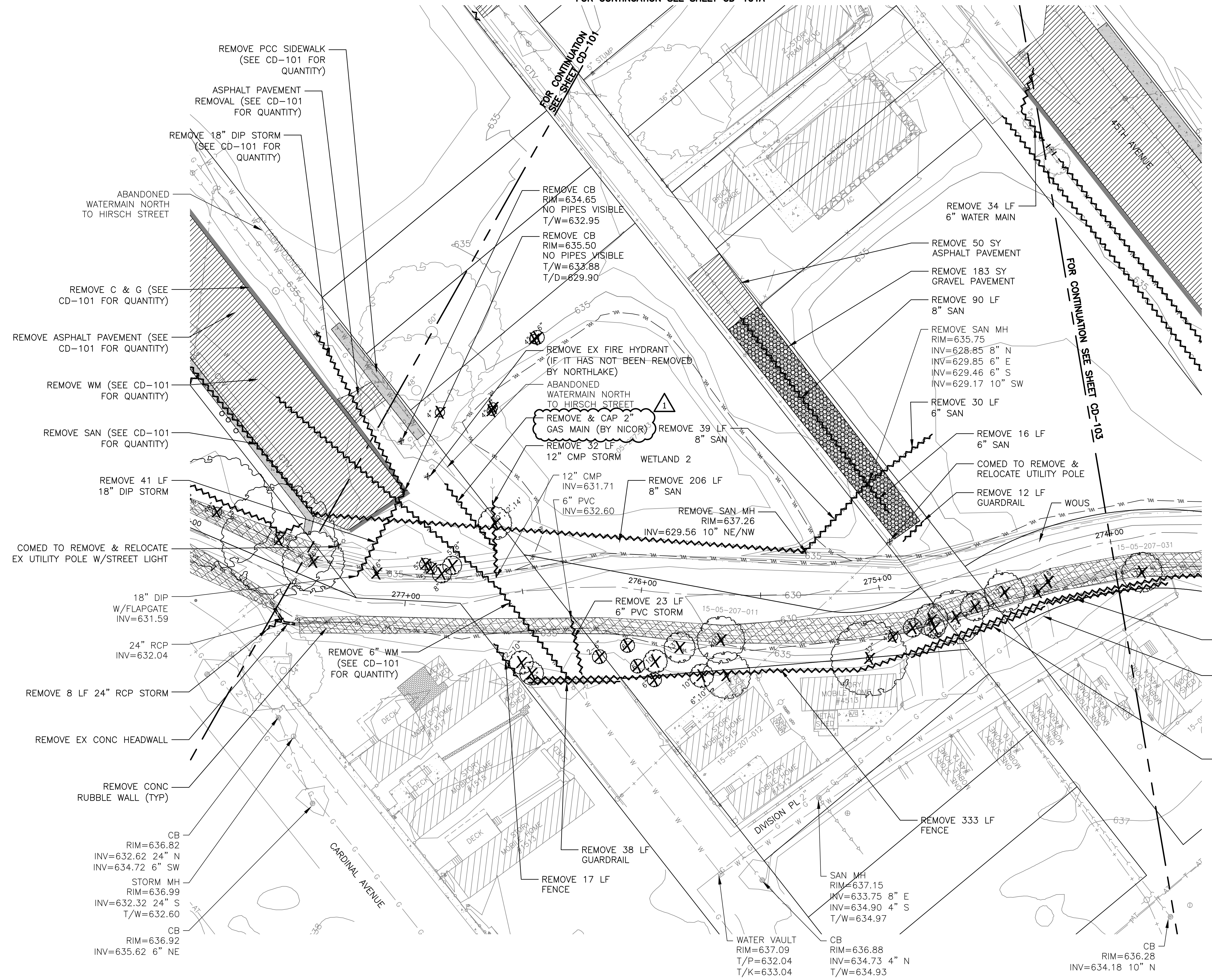
Hcy and Associates, Inc.
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8755 WEST HIGGINS ROAD, SUITE 835
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TEL: 773.693.9202
CHICAGO@HCVASOC.COM
LICENSE NO. 184008429

CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

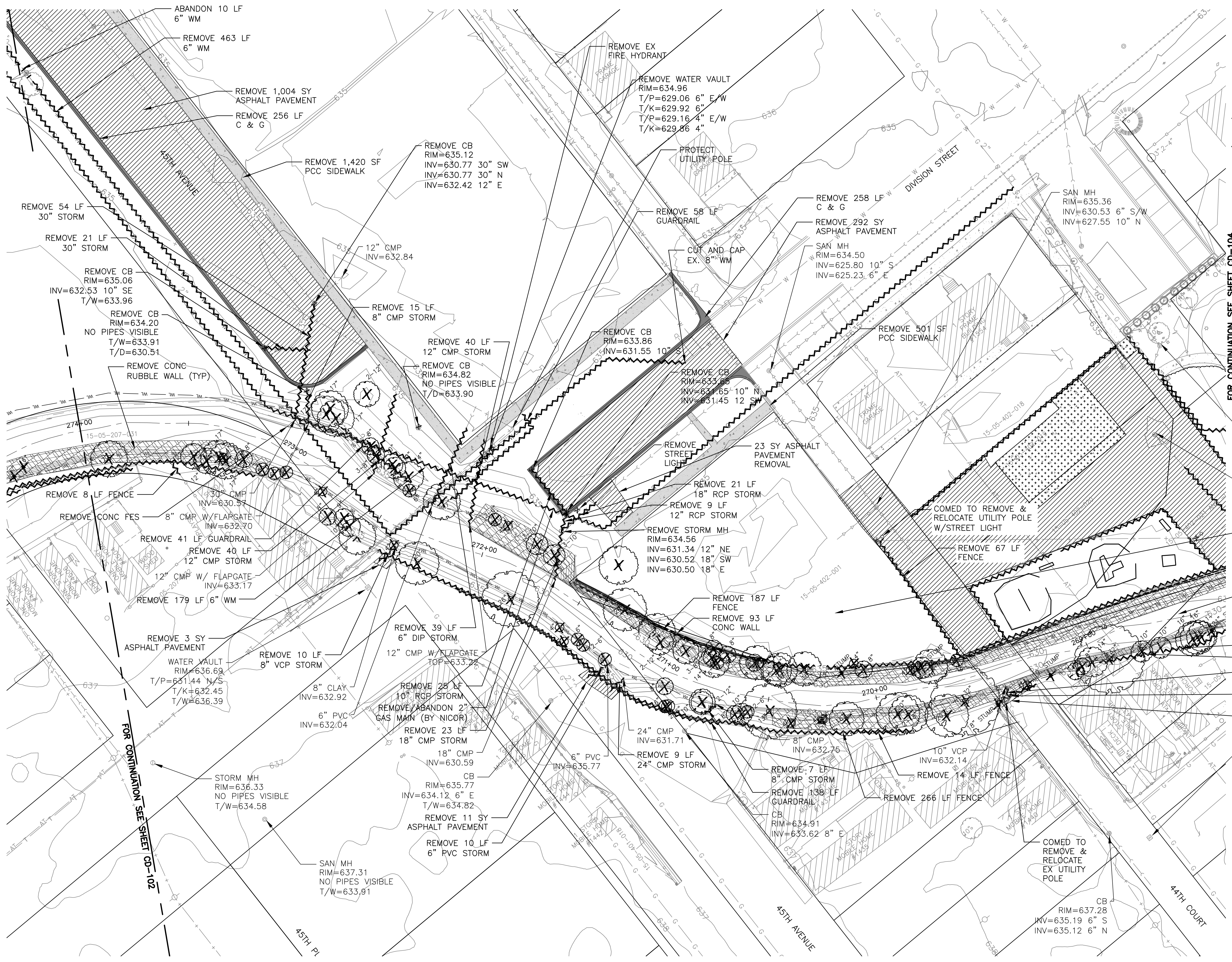
DEMOLITION PLAN - REACH 1
STA. 277+50 TO STA. 274+00

Sheet Number:
CD-102

Page Number: 86



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DEMOLITION LEGEND
SEE SHEET CD-101

NOTE:
CONTRACTOR SHALL REMOVE ALL TREES, TREE STUMPS, BUSHES AND BRUSH AND CONDUCT CLEARING AND GRUBBING WITHIN THE DELINEATED CONSTRUCTION LIMITS AS SHOWN ON SHEETS CS-101 TO CS-109.

FOR CONTINUATION SEE SHEET CD-104

SAN MH
RIM=635.96
INV=630.80 6" SW
INV=624.84 8" N

CB
RIM=634.98
INV=632.79 6" S

REMOVE ANY REMAINING CONCRETE OR WOOD FROM PREVIOUS DEMO WORK ON THIS LOT

WOUS

REMOVE 20 LF FENCE

REMOVE 27 LF FENCE

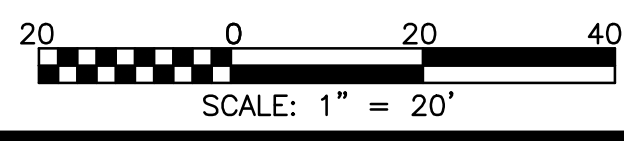
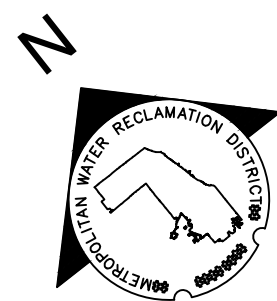
REMOVE 5 LF 10" VCP STORM

REMOVE 20 LF GUARDRAIL

REMOVE 2 SY ASPHALT PAVEMENT

WATER VAULT
RIM=637.65
T/K=634.52
T/P=633.53 N
T/S=631.70
T/W=634.55

CB
RIM=637.28
INV=635.19 6" S
INV=635.12 6" N



Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: TCT
 Checked by: PML
 Drawn by: KSS
 Correct:

Scale: AS SHOWN
 Date: 2022
 Reviewed by: JAW

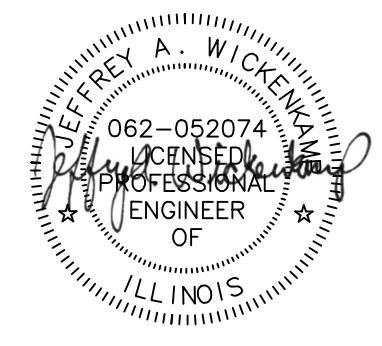
Hcy and Associates, Inc.
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 CHICAGO, ILLINOIS 60631
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 CHICAGO@HCVASOC.COM
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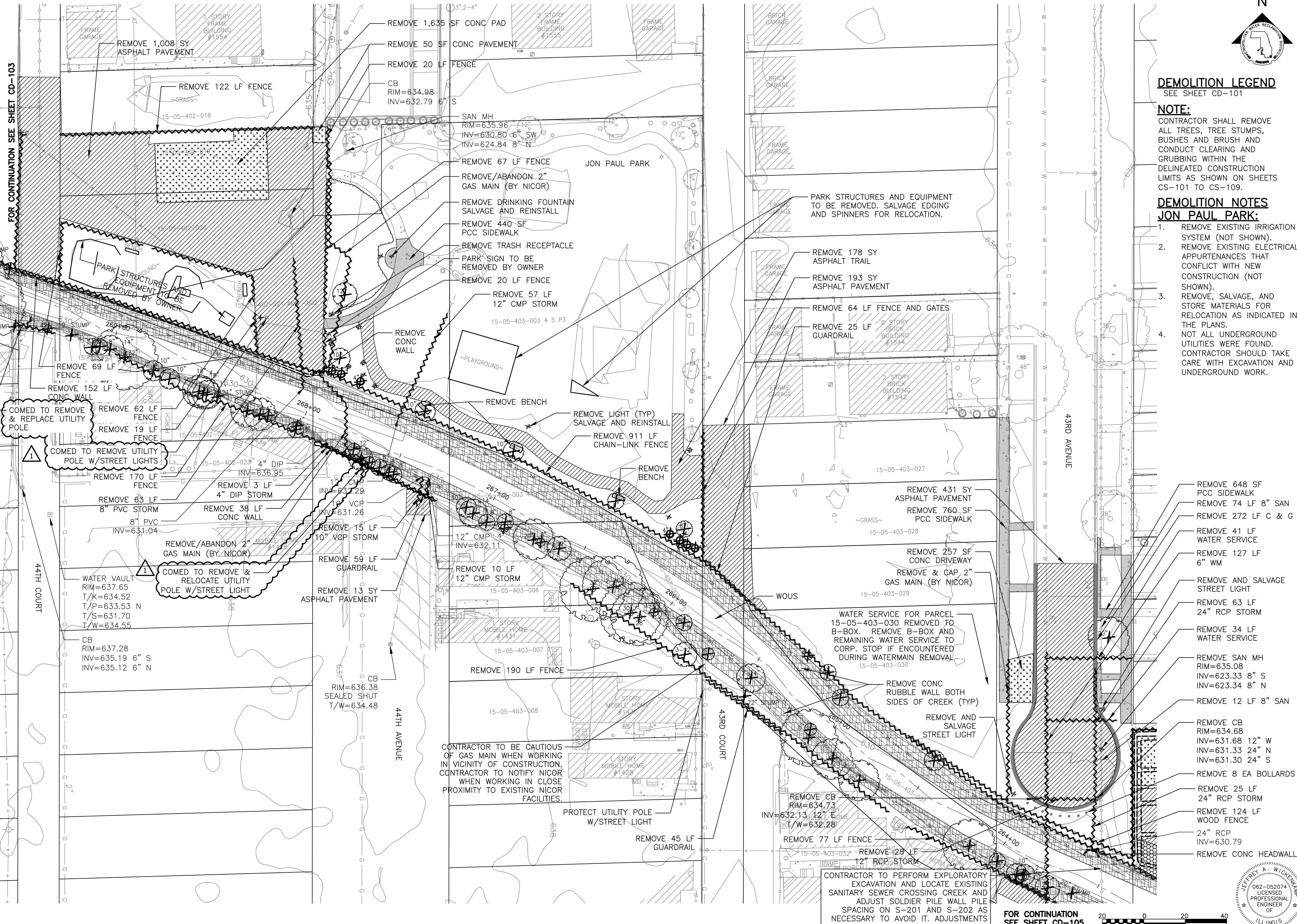
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

DEMOLITION PLAN - REACH 1
 STA. 274+00 TO STA. 268+50

Sheet Number:
CD-103

Page Number: 87





DEMOLITION LEGEND
 SEE SHEET CD-101

NOTE:
 CONTRACTOR SHALL REMOVE ALL TREES, TREE STUMPS, BUSHES AND BRUSH AND CONDUCT CLEARING AND GRUBBING WITHIN THE DELINEATED CONSTRUCTION LIMITS AS SHOWN ON SHEETS CS-101 TO CS-109.

DEMOLITION NOTES
JON PAUL PARK:

1. REMOVE EXISTING IRRIGATION SYSTEM (NOT SHOWN).
2. REMOVE EXISTING ELECTRICAL APPURTENANCES THAT CONFLICT WITH NEW CONSTRUCTION (NOT SHOWN).
3. REMOVE, SALVAGE, AND STORE MATERIALS FOR RELOCATION AS INDICATED IN THE PLANS. NOT ALL UNDERGROUND UTILITIES WERE FOUND. CONTRACTOR SHOULD TAKE CARE WITH EXCAVATION AND UNDERGROUND WORK.
- 4.

- REMOVE 648 SF PCC SIDEWALK
- REMOVE 74 LF 8" SAN
- REMOVE 272 LF C & G
- REMOVE 41 LF WATER SERVICE
- REMOVE 127 LF 6" WM
- REMOVE AND SALVAGE STREET LIGHT
- REMOVE 63 LF 24" RCP STORM
- REMOVE 34 LF WATER SERVICE
- REMOVE SAN MH RIM=635.08 INV=623.33 8" S INV=623.34 8" N
- REMOVE 12 LF 8" SAN
- REMOVE CB RIM=634.68 INV=631.68 12" W INV=631.33 24" N INV=631.30 24" S
- REMOVE 8 EA BOLLARDS
- REMOVE 25 LF 24" RCP STORM
- REMOVE 124 LF WOOD FENCE
- 24" RCP INV=630.79
- REMOVE CONC HEADWALL

Rev.	Description	Appr.	Date
1	ADDENDUM NO. 7	JAW	05/01/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

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 Checked by: PML
 Scale: AS SHOWN

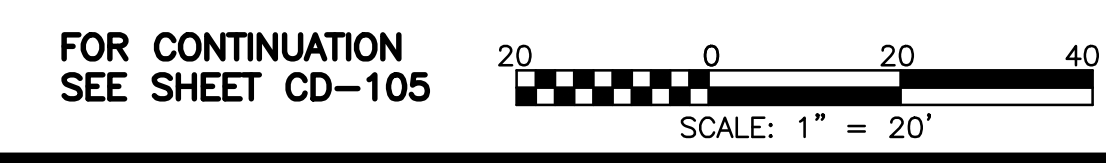
Drawn by: KSS
 Reviewed by: JAW
 Date: 2022

Correct:

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CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

DEMOLITION PLAN - REACH 1
 JON PAUL PARK



CONTRACTOR TO PERFORM EXPLORATORY EXCAVATION AND LOCATE EXISTING SANITARY SEWER CROSSING CREEK AND ADJUST SOLDIER PILE WALL PILE SPACING ON S-201 AND S-202 AS NECESSARY TO AVOID IT. ADJUSTMENTS TO BE APPROVED BY THE ENGINEER.

CONTRACTOR TO BE CAUTIOUS OF GAS MAIN WHEN WORKING IN VICINITY OF CONSTRUCTION. CONTRACTOR TO NOTIFY NICOR WHEN WORKING IN CLOSE PROXIMITY TO EXISTING NICOR FACILITIES.

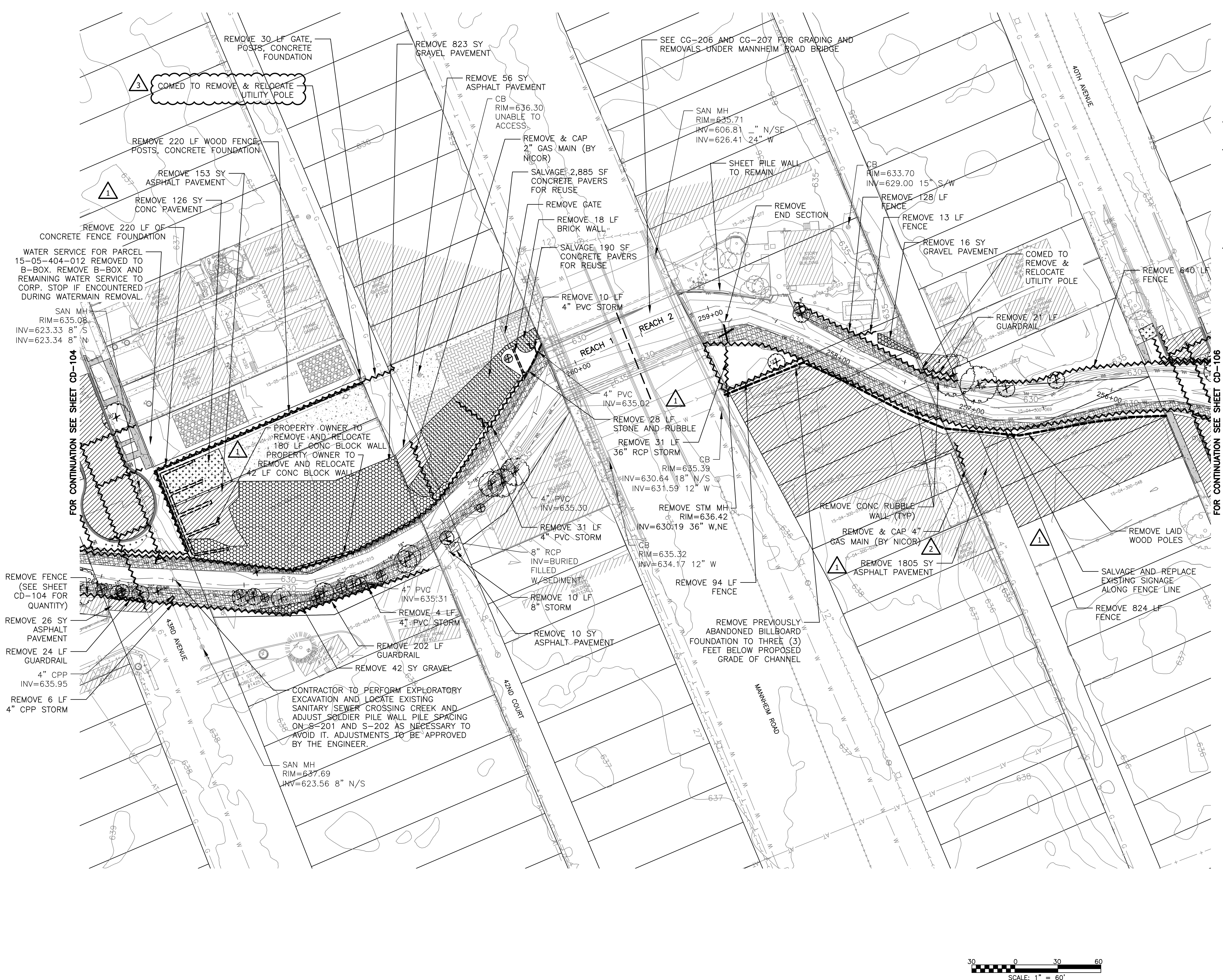
COMED TO REMOVE & RELOCATE UTILITY POLE W/STREET LIGHT

COMED TO REMOVE UTILITY POLE W/STREET LIGHTS

COMED TO REMOVE & REPLACE UTILITY POLE

FOR CONTINUATION SEE SHEET CD-105

P:\16000\16-0005 MWRD - FINAL DESIGN FOR ADDISON CREEK\CD-11-187-3F\01-Civil\Sheets\CD-105-Rev.3.dwg 2/23/2023 1:44 PM
 PLOT DATE: 5/1/2023 11:44 AM PLOTTED BY: KYLE SOLNER



DEMOLITION LEGEND
 SEE SHEET CD-101

NOTE:
 CONTRACTOR SHALL REMOVE ALL TREES, TREE STUMPS, BUSHES AND BRUSH AND CONDUCT CLEARING AND GRUBBING WITHIN THE DELINEATED CONSTRUCTION LIMITS AS SHOWN ON SHEETS CS-101 TO CS-109.

NOTE:
 CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR POTENTIAL SALVAGE OF EXISTING CONCRETE BLOCK WALLS FOR REUSE BY OWNER.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 2	JAW	07/06/23
2	ADDENDUM NO. 4	JAW	07/05/23
3	ADDENDUM NO. 7	JAW	05/07/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Scale: AS SHOWN

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 Drawn by: KSS
 Reviewed by: JAW
 Date: 2022
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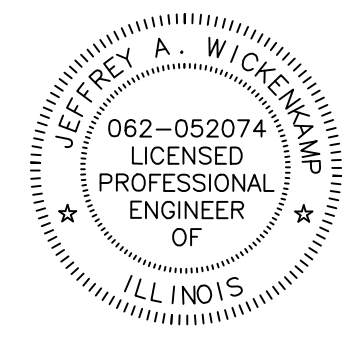
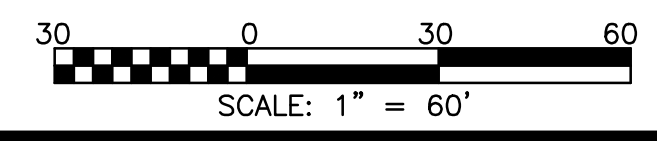
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 CHICAGO@HCVASOC.COM
 LICENSE NO. 184002429

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

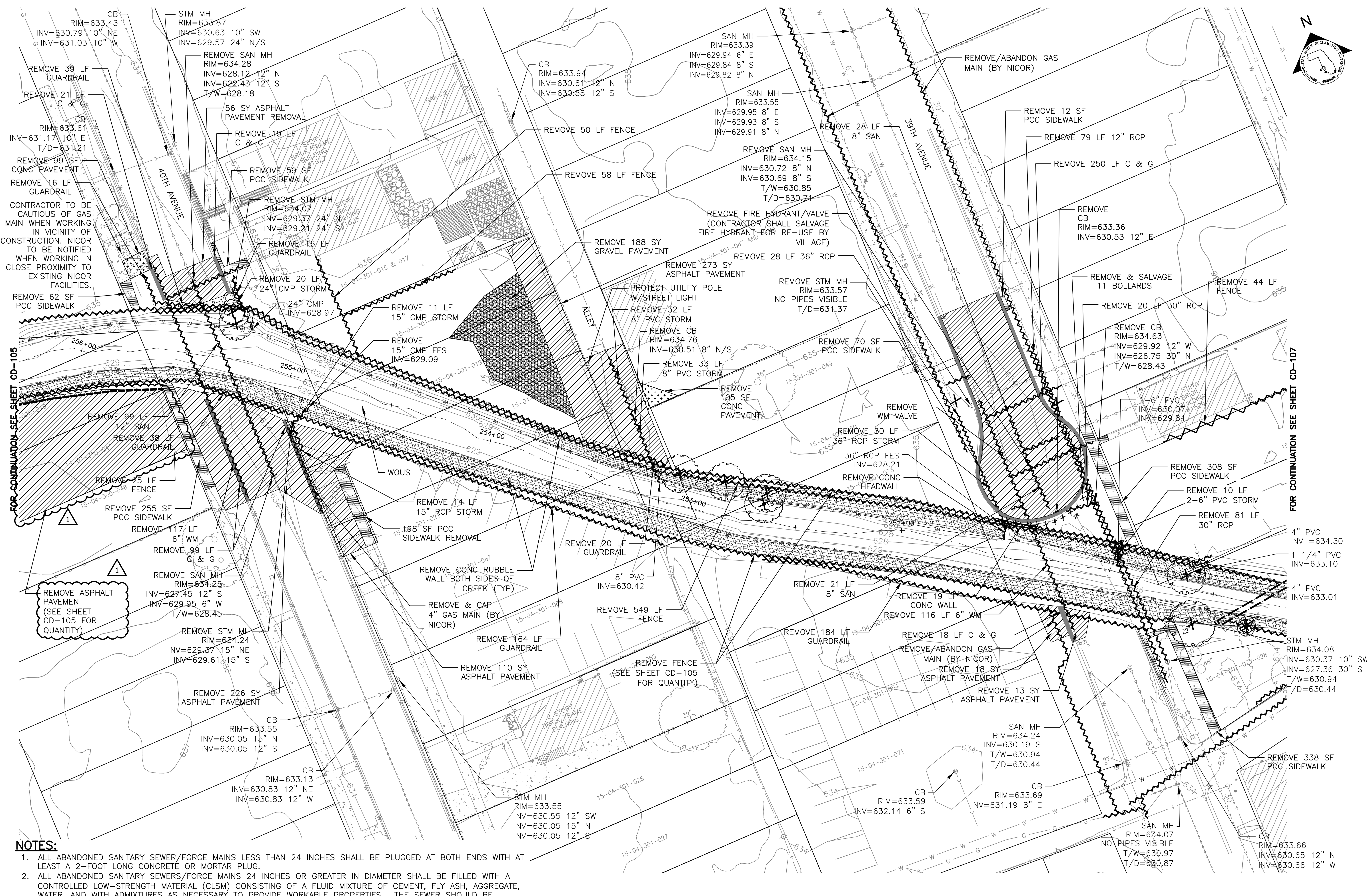
DEMOLITION PLAN - REACH 1 & 2
 STA. 264+00 TO STA. 256+00

Sheet Number:
CD-105

Page Number: **89**

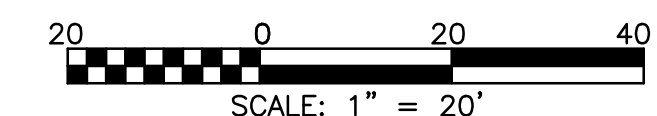


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- NOTES:**
1. ALL ABANDONED SANITARY SEWER/FORCE MAINS LESS THAN 24 INCHES SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST A 2-FOOT LONG CONCRETE OR MORTAR PLUG.
 2. ALL ABANDONED SANITARY SEWERS/FORCE MAINS 24 INCHES OR GREATER IN DIAMETER SHALL BE FILLED WITH A CONTROLLED LOW-STRENGTH MATERIAL (CLSM) CONSISTING OF A FLUID MIXTURE OF CEMENT, FLY ASH, AGGREGATE, WATER, AND WITH ADMIXTURES AS NECESSARY TO PROVIDE WORKABLE PROPERTIES. THE SEWER SHOULD BE CLEANED PRIOR TO INSTALLATION OF THE CLSM, AND NON-SHRINK CONCRETE BULKHEADS WITH A MINIMUM THICKNESS OF TWO TIMES THE PIPE DIAMETER SHALL BE INSTALLED AT BOTH ENDS OF THE SEWER TO BE ABANDONED. ANY MANHOLES ALONG THE LENGTH OF THE SEWER TO BE ABANDONED SHALL ALSO BE ABANDONED. THE CONE SECTION OF SUCH A MANHOLE OR UPPER FOUR FEET OF ANY MANHOLE WITHOUT A CONE SECTION, SHALL BE REMOVED AND THE BASE SHALL BE FILLED WITH CLSM.
 3. CONTRACTOR SHALL REMOVE ALL TREES, TREE STUMPS, BUSHES AND BRUSH AND CONDUCT CLEARING AND GRUBBING WITHIN THE DELINEATED CONSTRUCTION LIMITS AS SHOWN ON SHEETS CS-101 TO CS-109.

DEMOLITION LEGEND
SEE SHEET CD-101



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 2	JAW	01/06/23

**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**

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Drawn by: KSS
Correct:

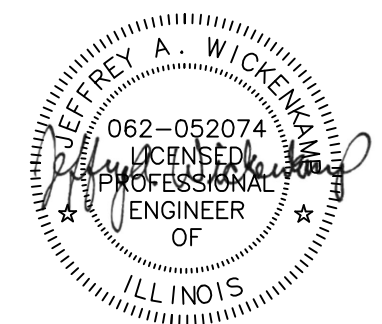
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Reviewed by: JAW
Date: 2022

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CHICAGO@HCVASOC.COM
LICENSE NO. 184002429

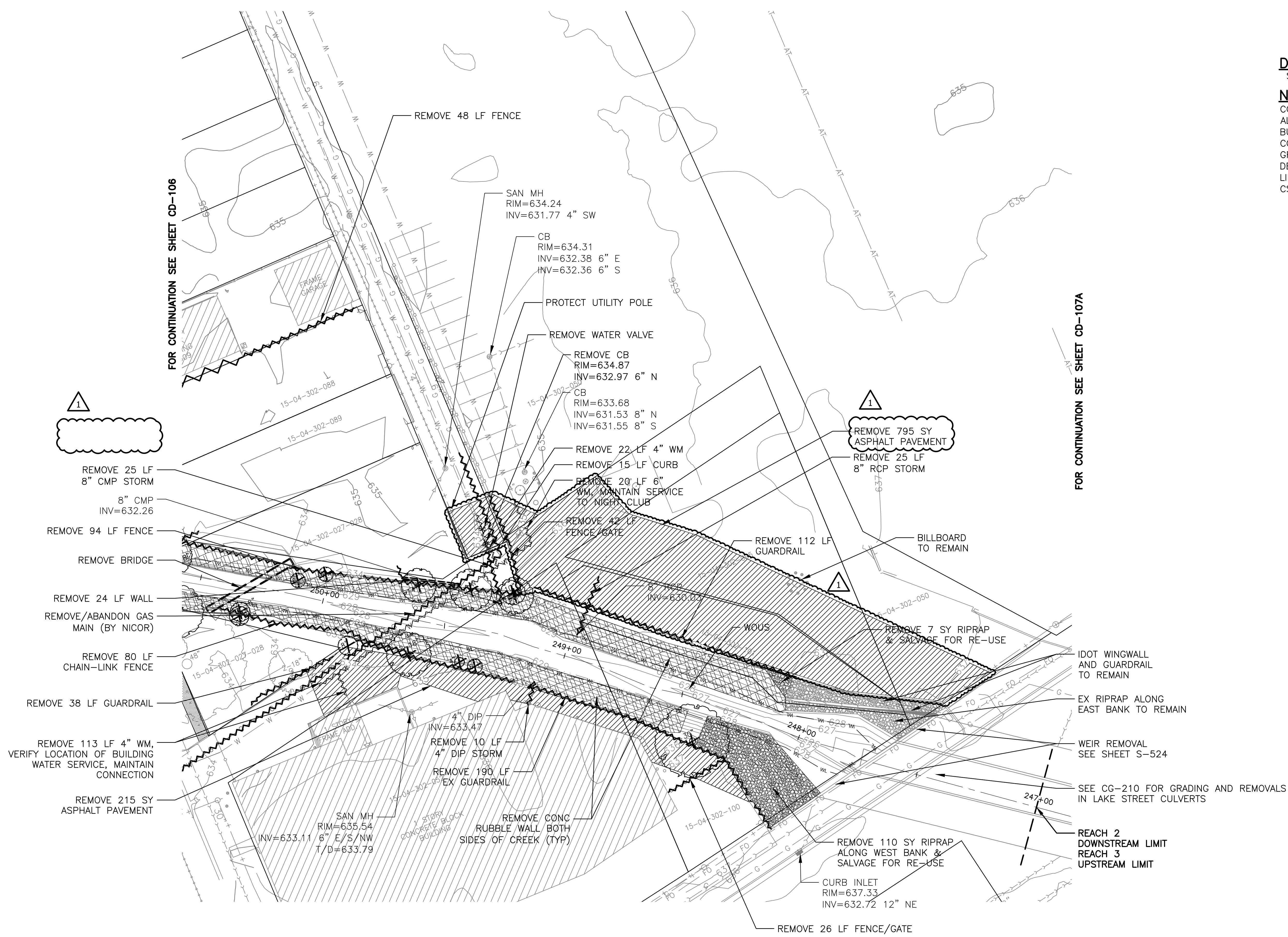
CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

DEMOLITION PLAN - REACH 2
STA. 256+00 TO STA. 250+50

Sheet Number:
CD-106
Page Number: 90



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FOR CONTINUATION SEE SHEET CD-106

FOR CONTINUATION SEE SHEET CD-107A

DEMOLITION LEGEND
SEE SHEET CD-101

NOTE:
CONTRACTOR SHALL REMOVE ALL TREES, TREE STUMPS, BUSHES AND BRUSH AND CONDUCT CLEARING AND GRUBBING WITHIN THE DELINEATED CONSTRUCTION LIMITS AS SHOWN ON SHEETS CS-101 TO CS-109.

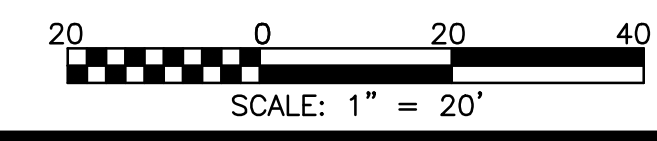
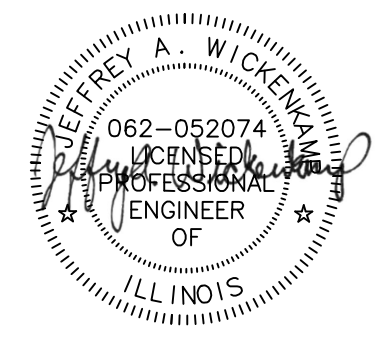
**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**

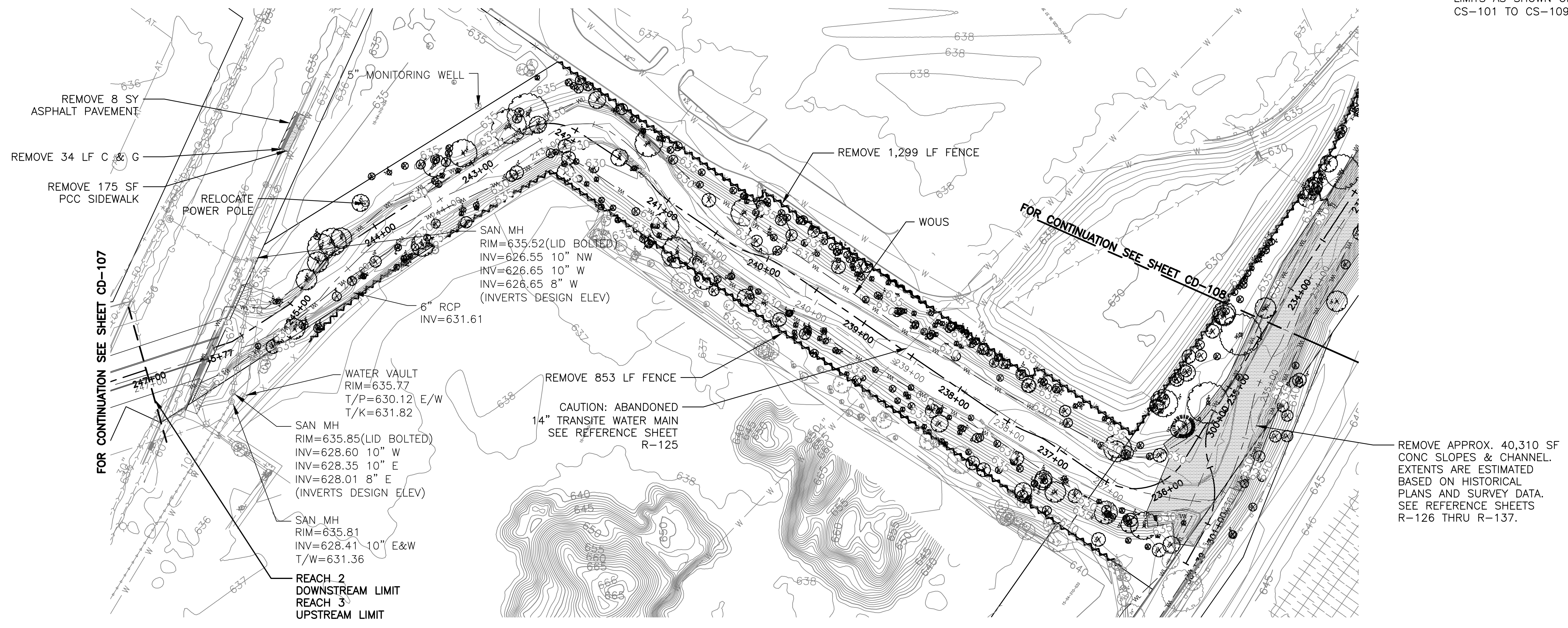
Hcy and Associates, Inc.
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8755 WEST HIGGINS ROAD, SUITE 835
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PROFESSIONAL DESIGN FIRM
LICENSE NO. 18400429

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Correct:					

CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS
DEMOLITION PLAN - REACH 2
STA. 250+50 TO STA. 247+00

Sheet Number:
CD-107
Page Number: 91





DEMOLITION LEGEND
 SEE SHEET CD-101

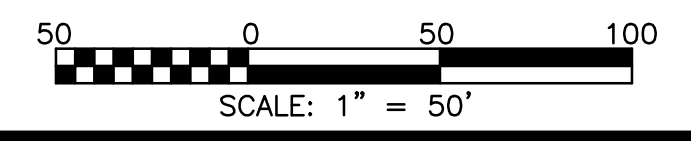
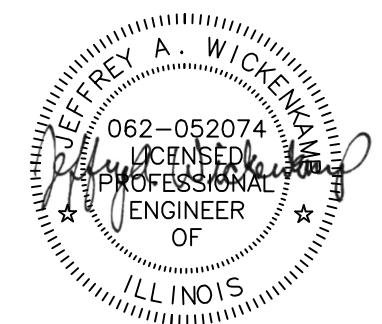
NOTE:
 CONTRACTOR SHALL REMOVE ALL TREES, TREE STUMPS, BUSHES AND BRUSH AND CONDUCT CLEARING AND GRUBBING WITHIN THE DELINEATED CONSTRUCTION LIMITS AS SHOWN ON SHEETS CS-101 TO CS-109.

**METROPOLITAN WATER RECLAMATION DISTRICT
 OF GREATER CHICAGO**

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Drawn by:	KSS	Reviewed by:	JAW	Date:	2022
Correct:					

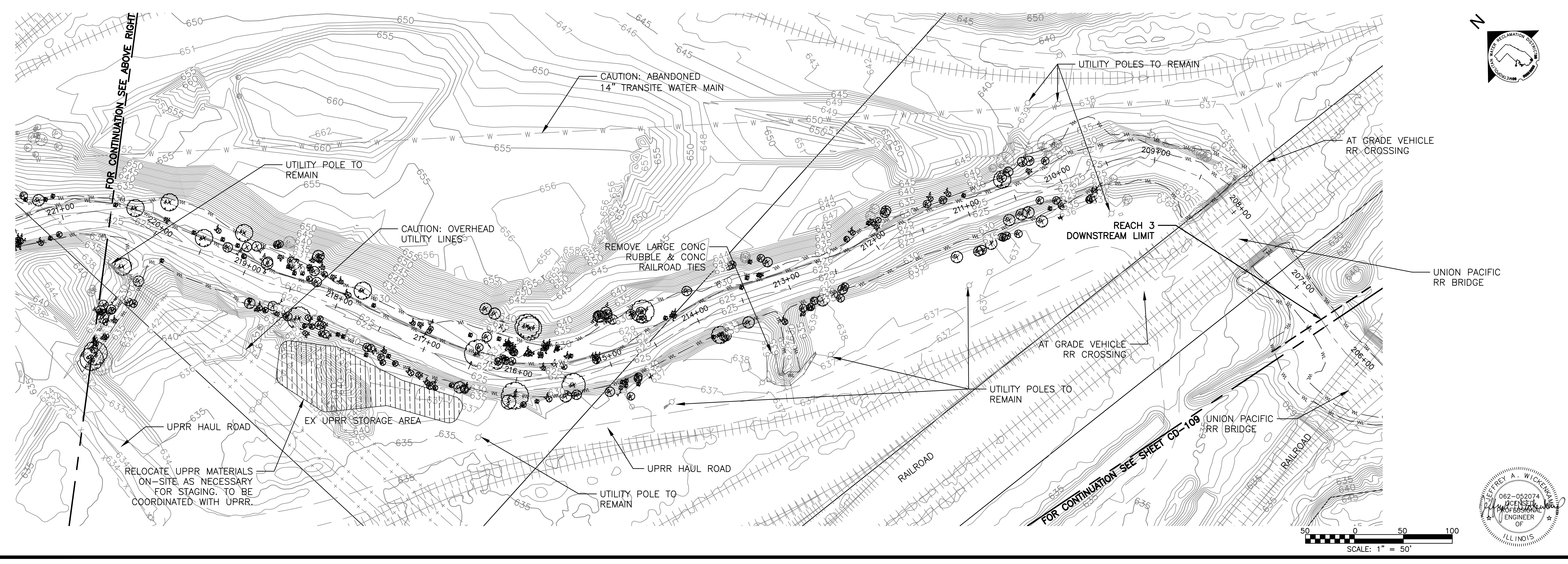
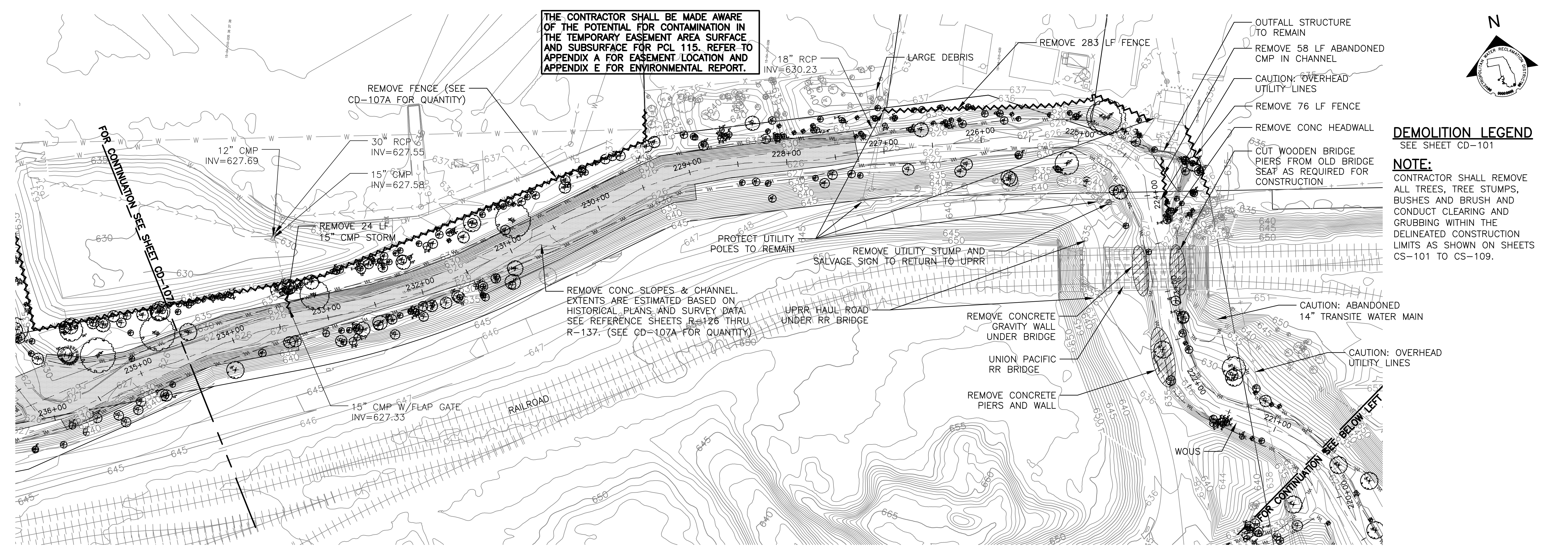
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS
DEMOLITION PLAN - REACH 3
 STA. 274+00 TO STA. 234+50

Sheet Number:
CD-107A
 Page Number: **92**



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THE CONTRACTOR SHALL BE MADE AWARE OF THE POTENTIAL FOR CONTAMINATION IN THE TEMPORARY EASEMENT AREA SURFACE AND SUBSURFACE FOR PCL 115. REFER TO APPENDIX A FOR EASEMENT LOCATION AND APPENDIX E FOR ENVIRONMENTAL REPORT.

DEMOLITION LEGEND
SEE SHEET CD-101

NOTE:
CONTRACTOR SHALL REMOVE ALL TREES, TREE STUMPS, BUSHES AND BRUSH AND CONDUCT CLEARING AND GRUBBING WITHIN THE DELINEATED CONSTRUCTION LIMITS AS SHOWN ON SHEETS CS-101 TO CS-109.

Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

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 PHONE: (773) 699-9200
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 Correct: JAW

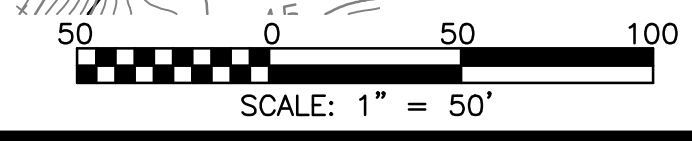
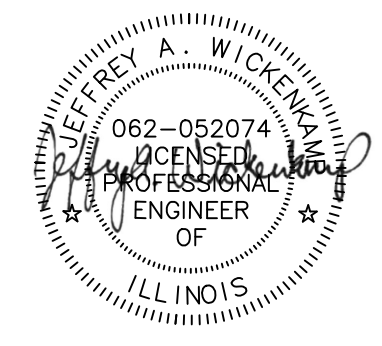
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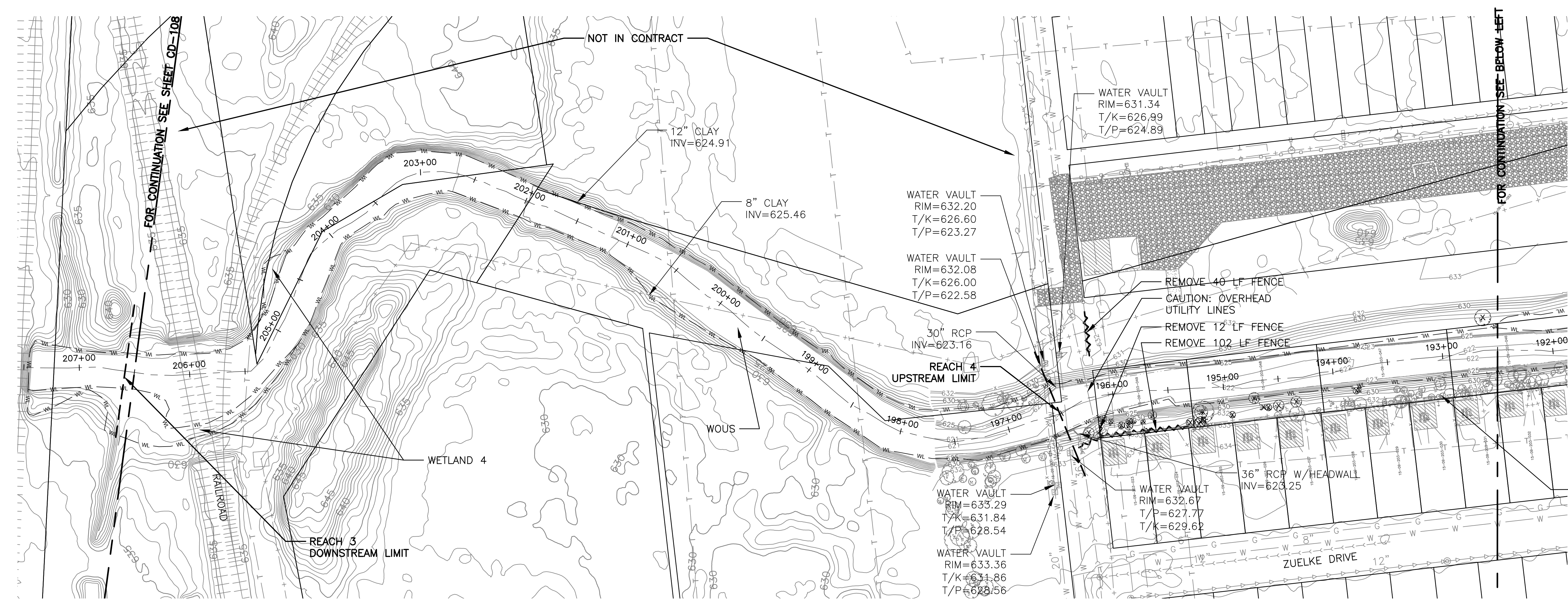
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

DEMOLITION PLAN - REACH 3
 STA. 234+50 TO STA. 206+50

Sheet Number:
CD-108

Page Number: 93

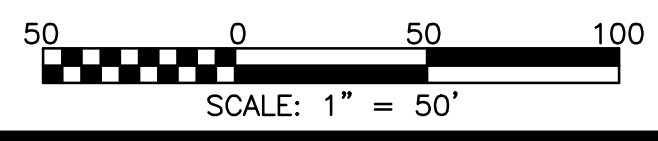
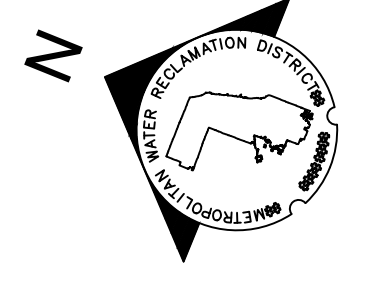
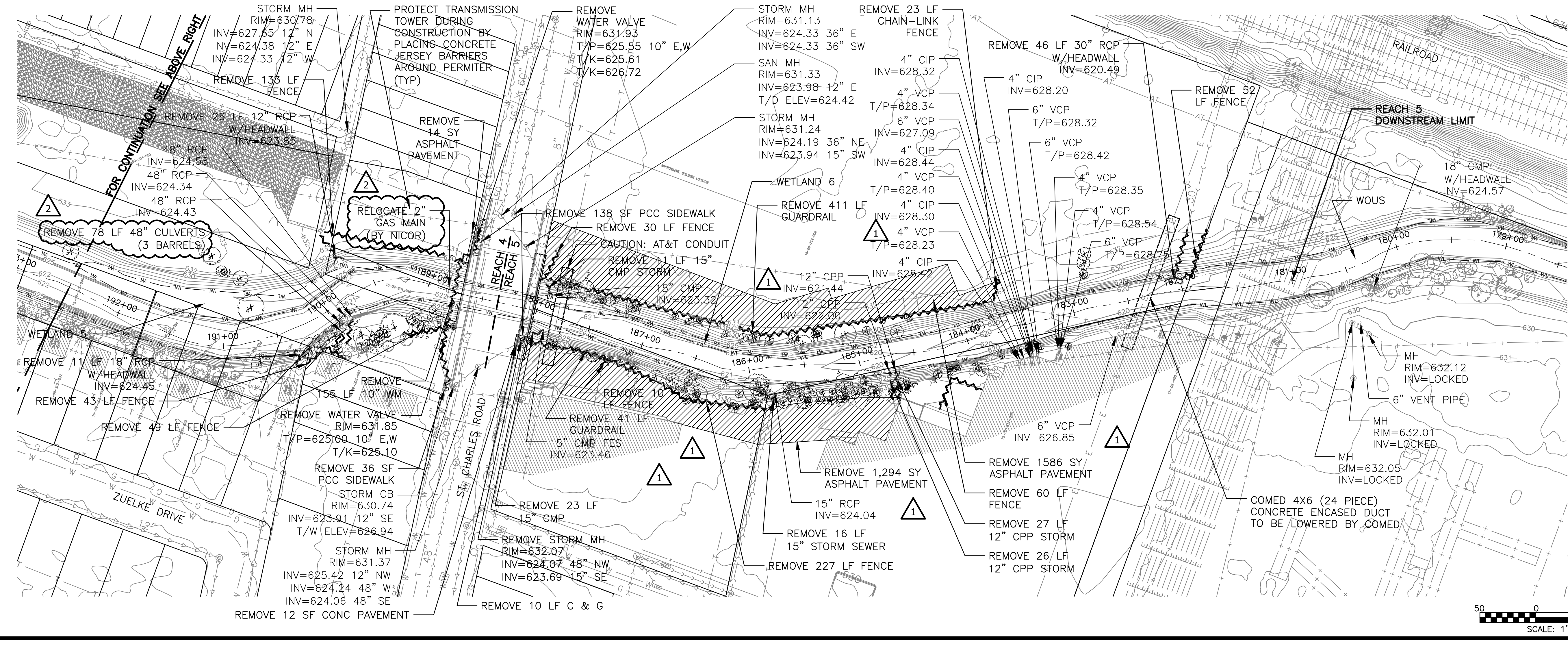
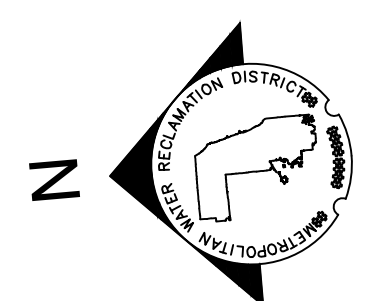




DEMOLITION LEGEND
 SEE SHEET CD-101

NOTE:
 CONTRACTOR SHALL REMOVE ALL TREES, TREE STUMPS, BUSHES AND BRUSH AND CONDUCT CLEARING AND GRUBBING WITHIN THE DELINEATED CONSTRUCTION LIMITS AS SHOWN ON SHEETS CS-101 TO CS-109.

FENCE, UTILITY POLES AND OVERHEAD UTILITY LINES TO REMAIN



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 2	JAW	01/06/23
2	ADDENDUM NO. 4	JAW	01/25/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: TCT
 Checked by: PML
 Drawn by: KSS
 Correct:

Scale: AS SHOWN
 Date: 2022

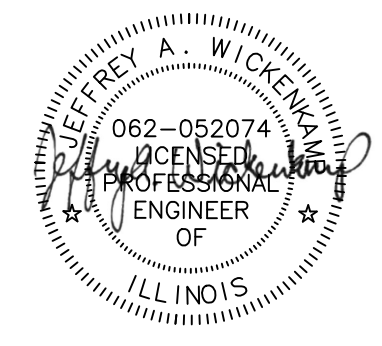
Hey and Associates, Inc.
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 CHICAGO (773) 699-9200
 CHICAGO@HEYANDASSOCIATES.COM
 LICENSE NO. 184002429

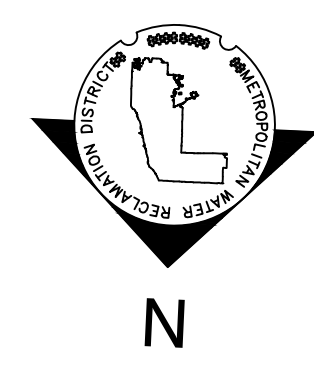
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

DEMOLITION PLAN - REACH 4 & 5
 STA. 196+33 TO STA. 181+00

Sheet Number:
CD-109

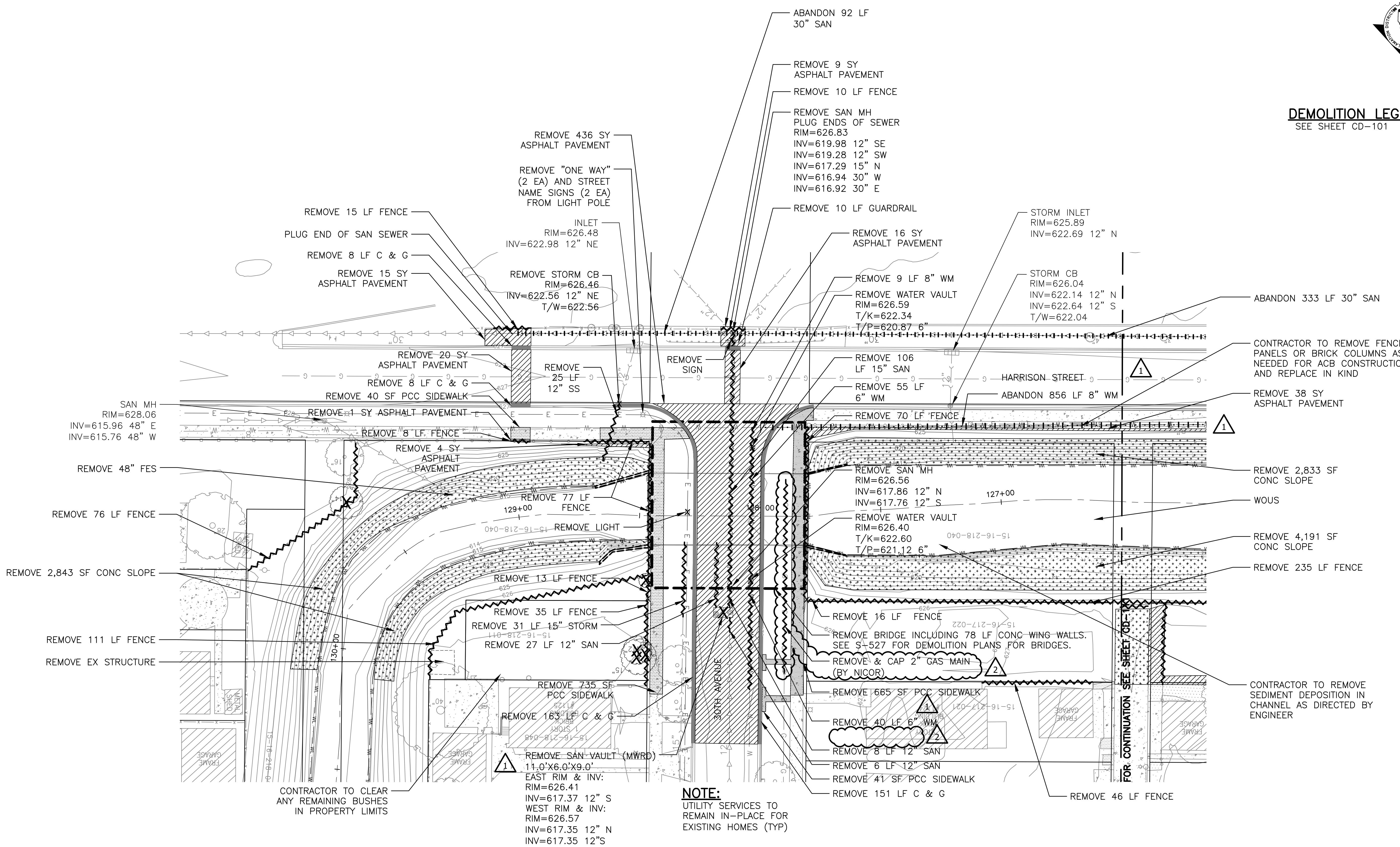
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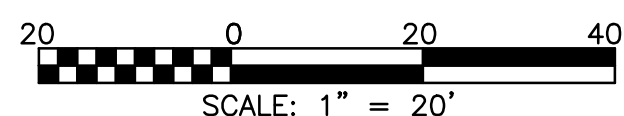
DEMOLITION LEGEND
 SEE SHEET CD-101

Rev.	Description	Appr.	Date
1	ADDENDUM NO. 2	JAW	01/06/23
2	ADDENDUM NO. 4	JAW	01/25/23



NOTE:
 UTILITY SERVICES TO
 REMAIN IN-PLACE FOR
 EXISTING HOMES (TYP)

- NOTES:**
1. ALL ABANDONED SANITARY SEWER/FORCE MAINS LESS THAN 24 INCHES SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST A 2-FOOT LONG CONCRETE OR MORTAR PLUG.
 2. ALL ABANDONED SANITARY SEWERS/FORCE MAINS 24 INCHES OR GREATER IN DIAMETER SHALL BE FILLED WITH A CONTROLLED LOW-STRENGTH MATERIAL (CLSM) CONSISTING OF A FLUID MIXTURE OF CEMENT, FLY ASH, AGGREGATE, WATER, AND WITH ADMIXTURES AS NECESSARY TO PROVIDE WORKABLE PROPERTIES. THE SEWER SHOULD BE CLEANED PRIOR TO INSTALLATION OF THE CLSM, AND NON-SHRINK CONCRETE BULKHEADS WITH A MINIMUM THICKNESS OF TWO TIMES THE PIPE DIAMETER SHALL BE INSTALLED AT BOTH ENDS OF THE SEWER TO BE ABANDONED. ANY MANHOLES ALONG THE LENGTH OF THE SEWER TO BE ABANDONED SHALL ALSO BE ABANDONED. THE CONE SECTION OF SUCH A MANHOLE OR UPPER FOUR FEET OF ANY MANHOLE WITHOUT A CONE SECTION, SHALL BE REMOVED AND THE BASE SHALL BE FILLED WITH CLSM.
 3. CONTRACTOR SHALL REMOVE ALL TREES, TREE STUMPS, BUSHES AND BRUSH AND CONDUCT CLEARING AND GRUBBING WITHIN THE DELINEATED CONSTRUCTION LIMITS AS SHOWN ON SHEETS CS-101 TO CS-109.

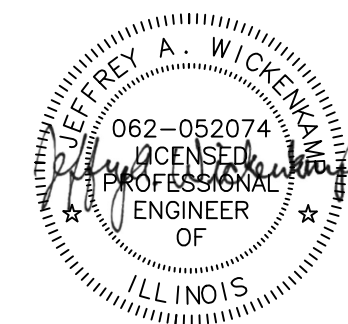


**METROPOLITAN WATER RECLAMATION DISTRICT
 OF GREATER CHICAGO**

Designed by:	TCT	Checked by:	PML	Scale:	AS SHOWN
Drawn by:	KSS	Reviewed by:	JAW	Date:	2022
Correct:					

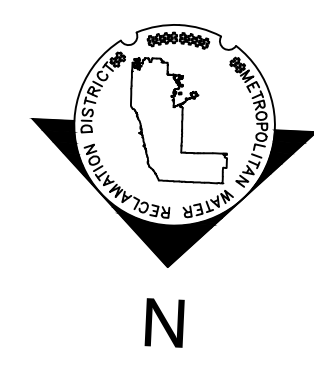
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS
DEMOLITION PLAN - REACH 6
 STA. 131+00 TO STA. 126+50

Sheet Number:
CD-110
 Page Number: 95



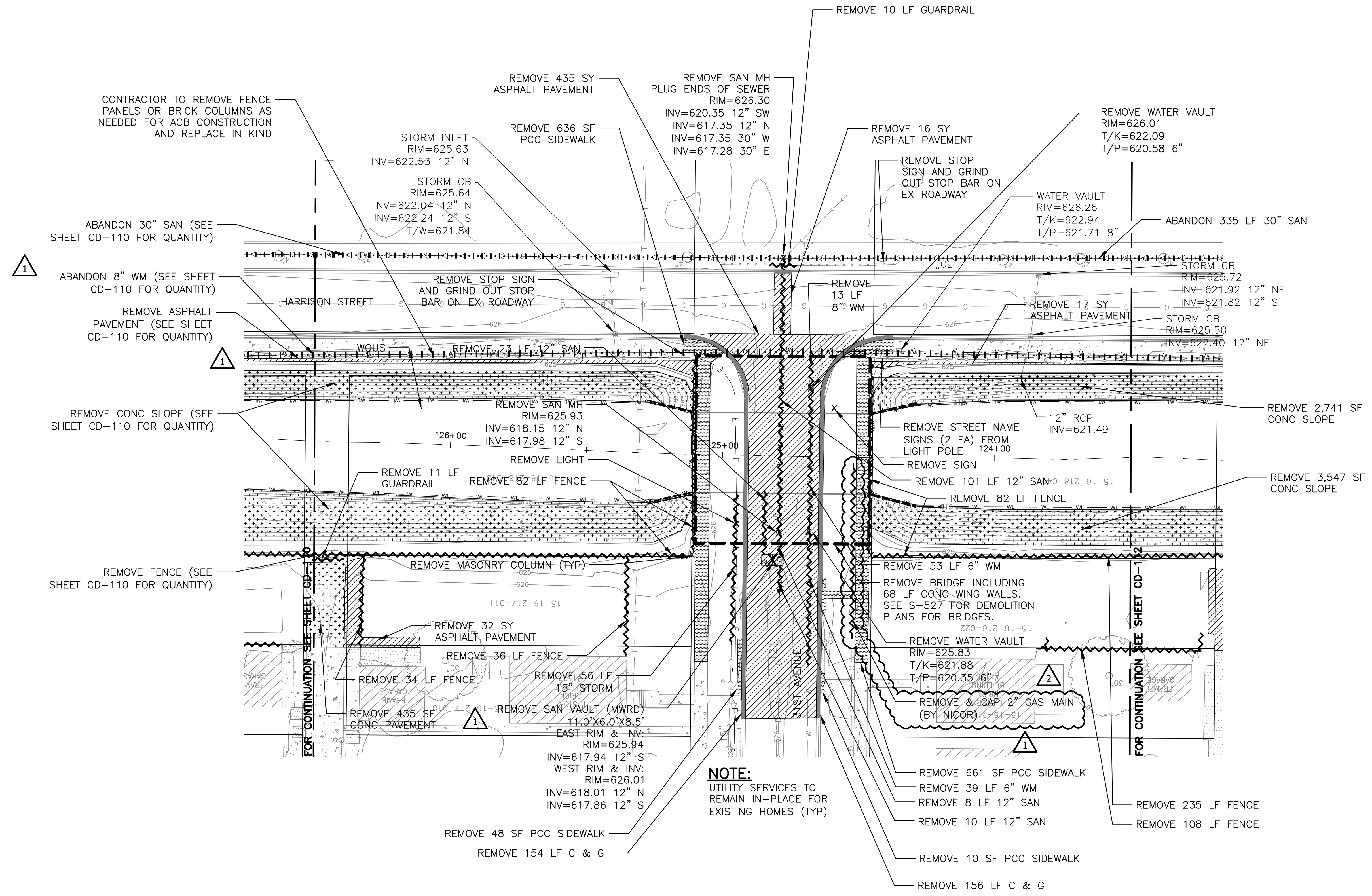
Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HEGAN ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 CHICAGO (773) 699-9200
 CHICAGO@HEYASAC.COM

PROFESSIONAL DESIGN FIRMS
 LICENSE NO. 184002829

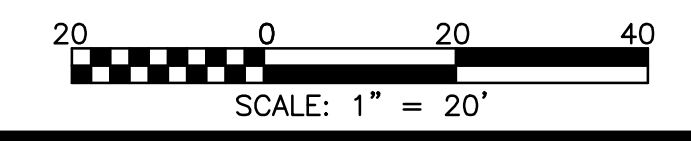


DEMOLITION LEGEND
 SEE SHEET CD-101

NOTE:
 CONTRACTOR SHALL REMOVE ALL TREES, TREE STUMPS, BUSHES AND BRUSH AND CONDUCT CLEARING AND GRUBBING WITHIN THE DELINEATED CONSTRUCTION LIMITS AS SHOWN ON SHEETS CS-101 TO CS-109.



NOTE:
 UTILITY SERVICES TO REMAIN IN-PLACE FOR EXISTING HOMES (TYP)



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 2	JAW	01/06/23
2	ADDENDUM NO. 4	JAW	01/25/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Scale: AS SHOWN

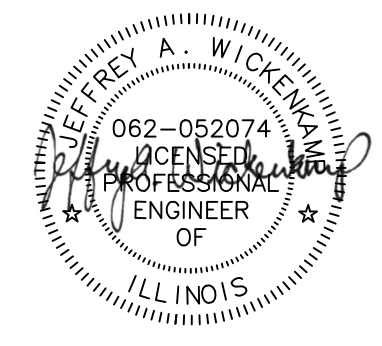
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 Correct: JAW

Date: 2022

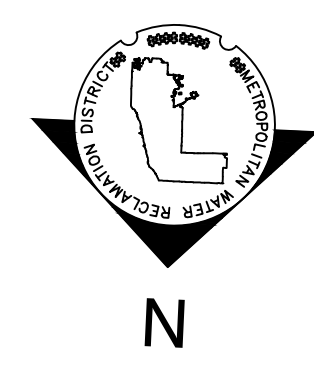
Hey and Associates, Inc.
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 8755 WEST HERGANS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
 OFFICE (773) 699-9200
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 PROFESSIONAL DESIGN FIRM LICENSE NO. 184002829

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

DEMOLITION PLAN - REACH 6 - DETAIL
 STA. 126+50 TO STA. 123+50

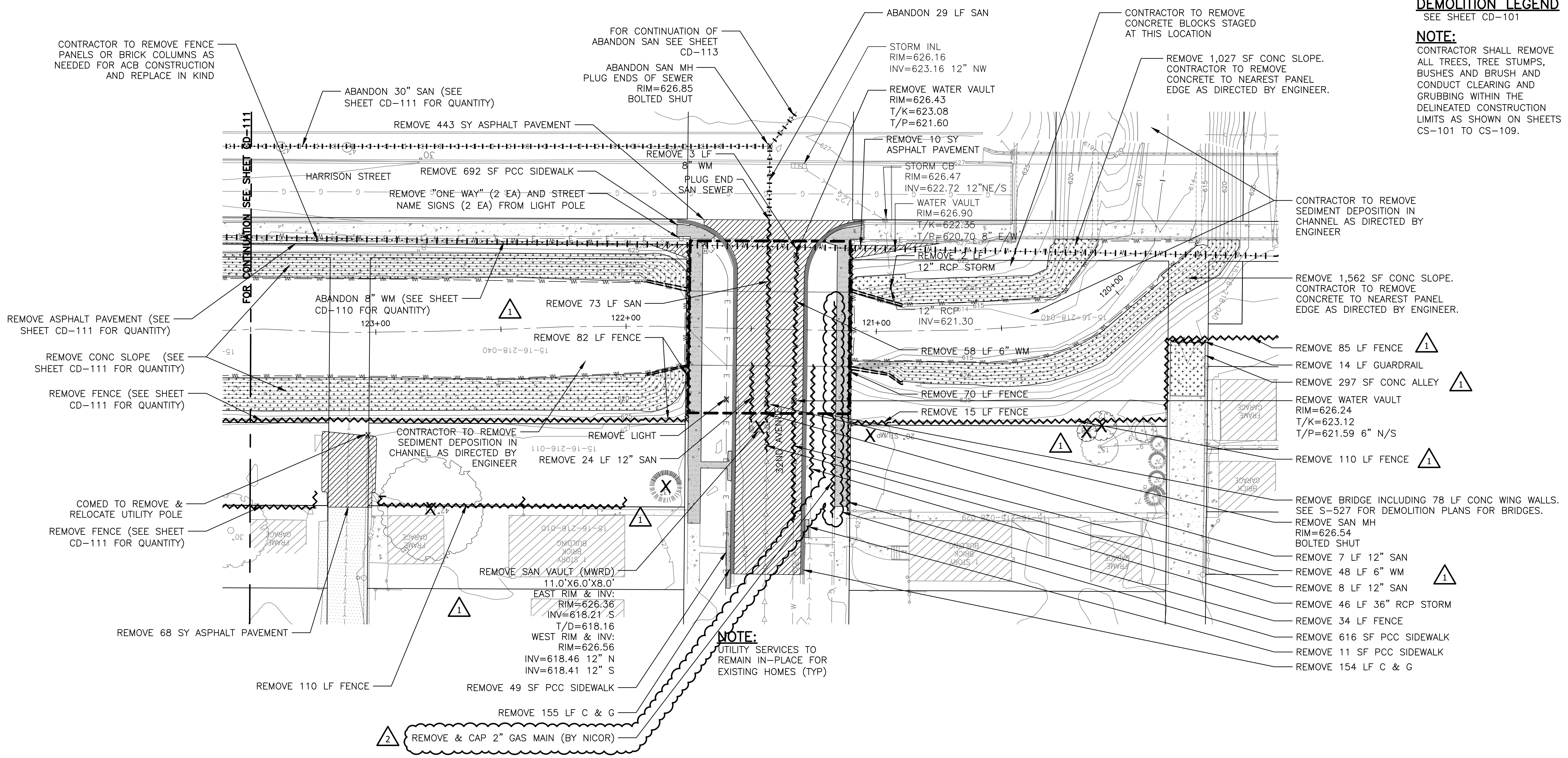


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DEMOLITION LEGEND
 SEE SHEET CD-101

NOTE:
 CONTRACTOR SHALL REMOVE ALL TREES, TREE STUMPS, BUSHES AND BRUSH AND CONDUCT CLEARING AND GRUBBING WITHIN THE DELINEATED CONSTRUCTION LIMITS AS SHOWN ON SHEETS CS-101 TO CS-109.



NOTE:
 UTILITY SERVICES TO REMAIN IN-PLACE FOR EXISTING HOMES (TYP)

Rev.	Description	Appr.	Date
1	ADDENDUM NO. 2	JAW	01/06/23
2	ADDENDUM NO. 4	JAW	01/25/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: TCT
 Checked by: PML
 Scale: AS SHOWN

Drawn by: KSS
 Reviewed by: JAW
 Date: 2022

Correct:

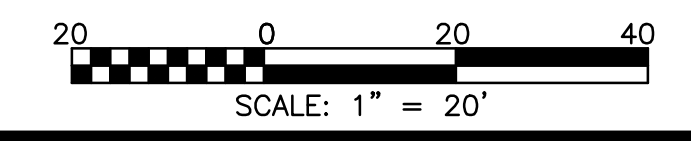
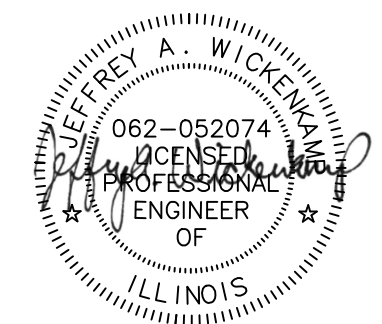
Hey and Associates, Inc.
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 8755 WEST HIGGINS ROAD, SUITE 835
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 OFFICE (773) 699-9200
 CHICAGO@HEYASAC.COM
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 18406287

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

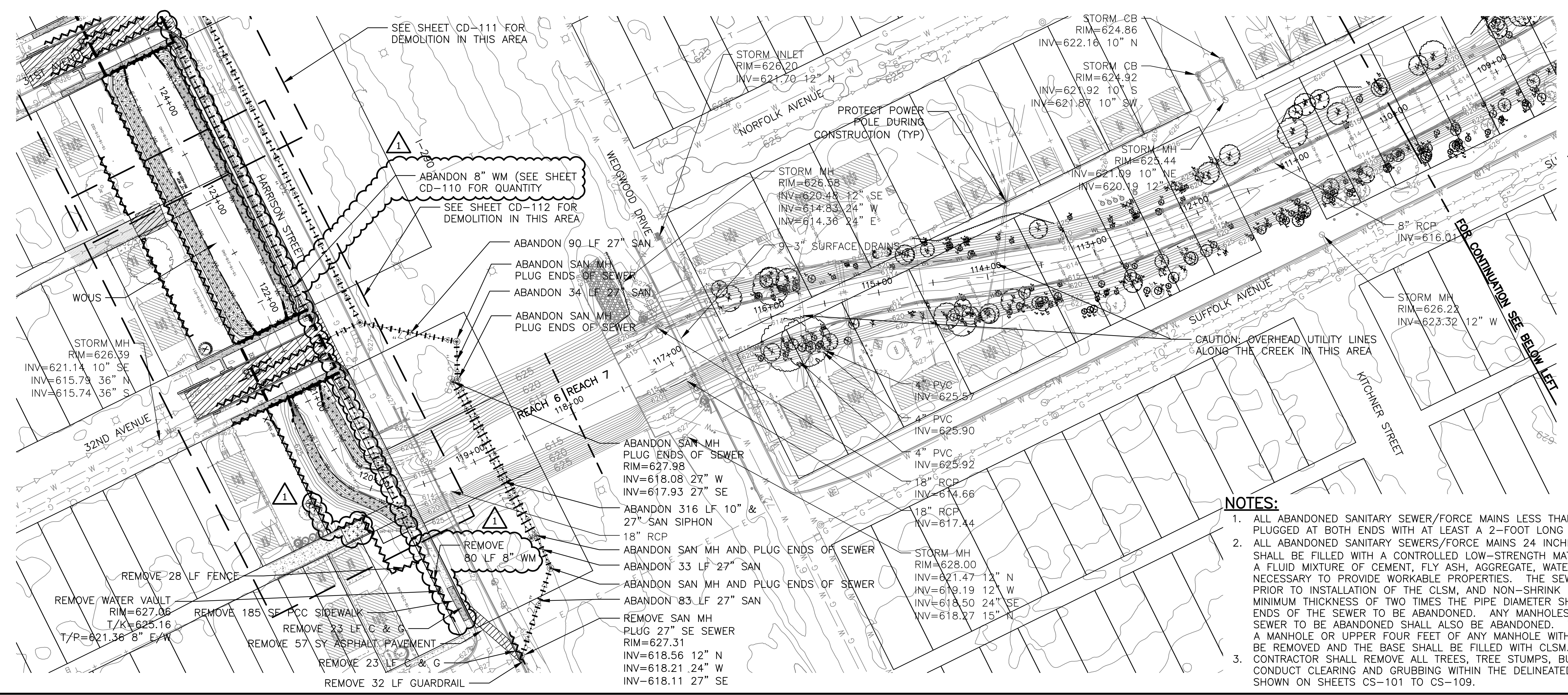
DEMOLITION PLAN - REACH 6 - DETAIL
 STA. 123+50 TO STA. 120+00

Sheet Number:
CD-112

Page Number: 97

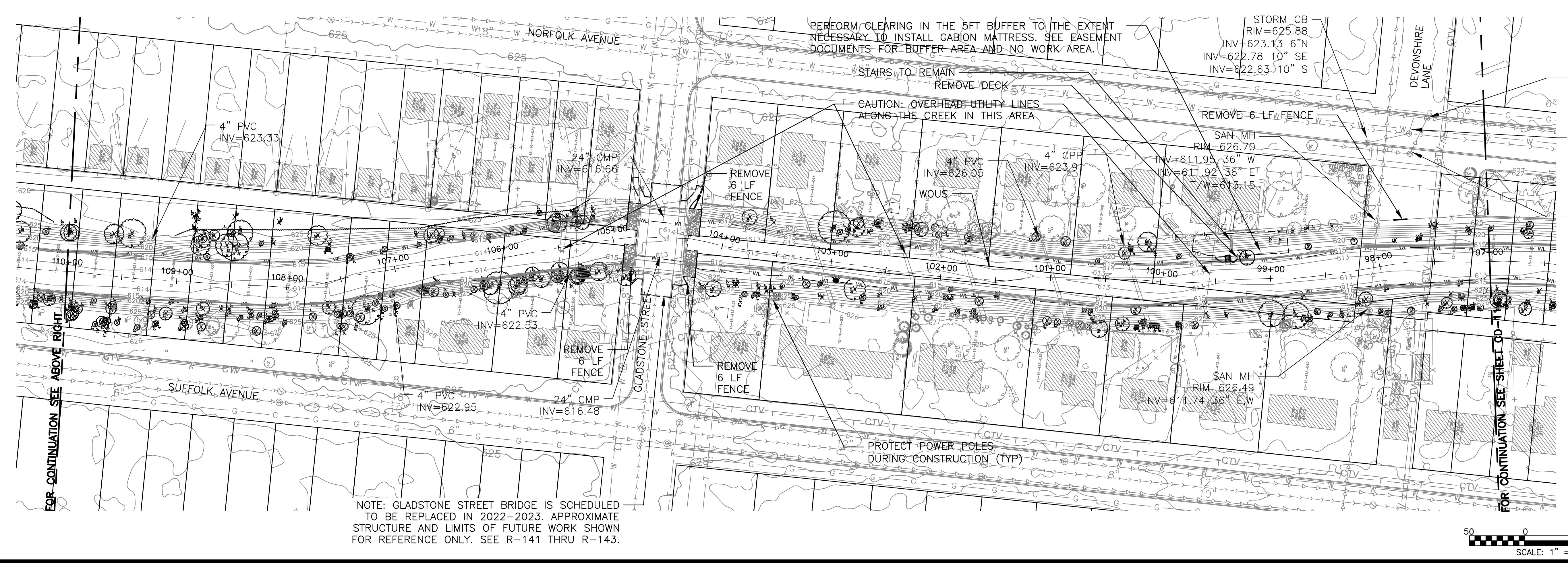


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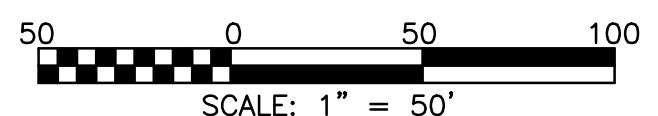


DEMOLITION LEGEND
 SEE SHEET CD-101

- NOTES:**
1. ALL ABANDONED SANITARY SEWER/FORCE MAINS LESS THAN 24 INCHES SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST A 2-FOOT LONG CONCRETE OR MORTAR PLUG.
 2. ALL ABANDONED SANITARY SEWERS/FORCE MAINS 24 INCHES OR GREATER IN DIAMETER SHALL BE FILLED WITH A CONTROLLED LOW-STRENGTH MATERIAL (CLSM) CONSISTING OF A FLUID MIXTURE OF CEMENT, FLY ASH, AGGREGATE, WATER, AND WITH ADMIXTURES AS NECESSARY TO PROVIDE WORKABLE PROPERTIES. THE SEWER SHOULD BE CLEANED PRIOR TO INSTALLATION OF THE CLSM, AND NON-SHRINK CONCRETE BULKHEADS WITH A MINIMUM THICKNESS OF TWO TIMES THE PIPE DIAMETER SHALL BE INSTALLED AT BOTH ENDS OF THE SEWER TO BE ABANDONED. ANY MANHOLES ALONG THE LENGTH OF THE SEWER TO BE ABANDONED SHALL ALSO BE ABANDONED. THE CONE SECTION OF SUCH A MANHOLE OR UPPER FOUR FEET OF ANY MANHOLE WITHOUT A CONE SECTION, SHALL BE REMOVED AND THE BASE SHALL BE FILLED WITH CLSM.
 3. CONTRACTOR SHALL REMOVE ALL TREES, TREE STUMPS, BUSHES AND BRUSH AND CONDUCT CLEARING AND GRUBBING WITHIN THE DELINEATED CONSTRUCTION LIMITS AS SHOWN ON SHEETS CS-101 TO CS-109.



NOTE: GLADSTONE STREET BRIDGE IS SCHEDULED TO BE REPLACED IN 2022-2023. APPROXIMATE STRUCTURE AND LIMITS OF FUTURE WORK SHOWN FOR REFERENCE ONLY. SEE R-141 THRU R-143.



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 2	JAW	01/06/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: TCT/TRP
 Checked by: PML
 Drawn by: KSS
 Correct:

Scale: AS SHOWN
 Date: 2022

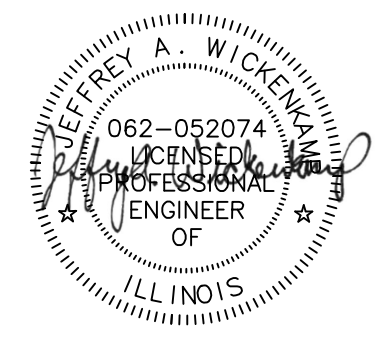
Hcy and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 West Higgins Road, Suite 835
 Chicago, Illinois 60631
 Tel: (773) 693-9202
 Chicago@HcyAssoc.com
 License No. 184092429

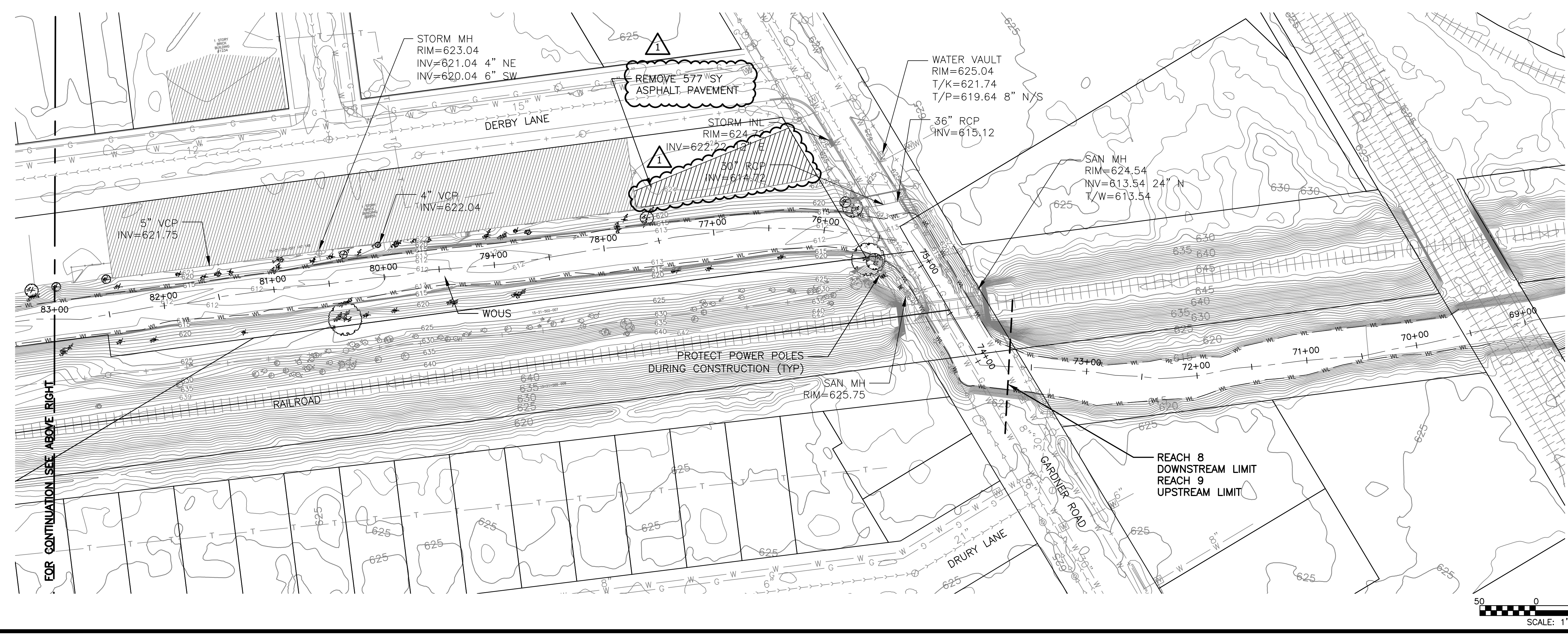
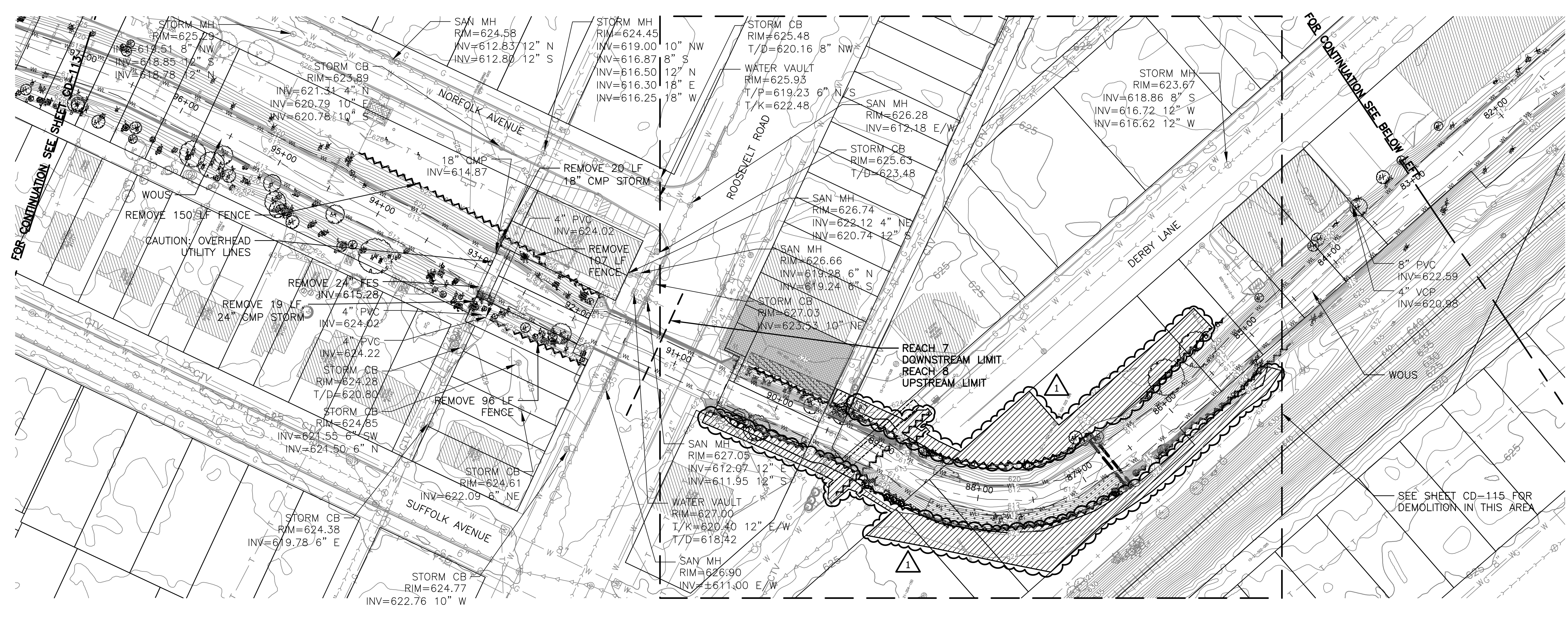
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

DEMOLITION PLAN - REACH 6 & 7
 STA. 124+00 TO STA. 97+00

Sheet Number:
CD-113

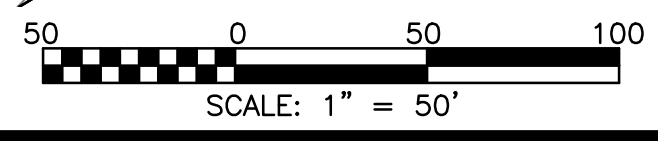
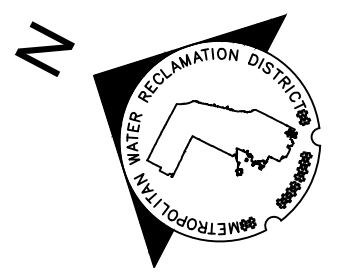
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DEMOLITION LEGEND
 SEE SHEET CD-101

NOTE:
 CONTRACTOR SHALL REMOVE ALL TREES, TREE STUMPS, BUSHES AND BRUSH AND CONDUCT CLEARING AND GRUBBING WITHIN THE DELINEATED CONSTRUCTION LIMITS AS SHOWN ON SHEETS CS-101 TO CS-109.

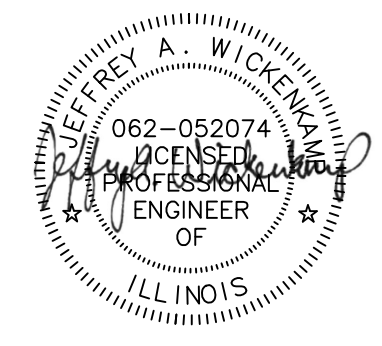


Rev.	Description	Appr.	Date
1	ADDENDUM NO. 2	JAW	01/06/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO		Designed by: TCT/TRP	Checked by: PML	Scale: AS SHOWN
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		Correct:		

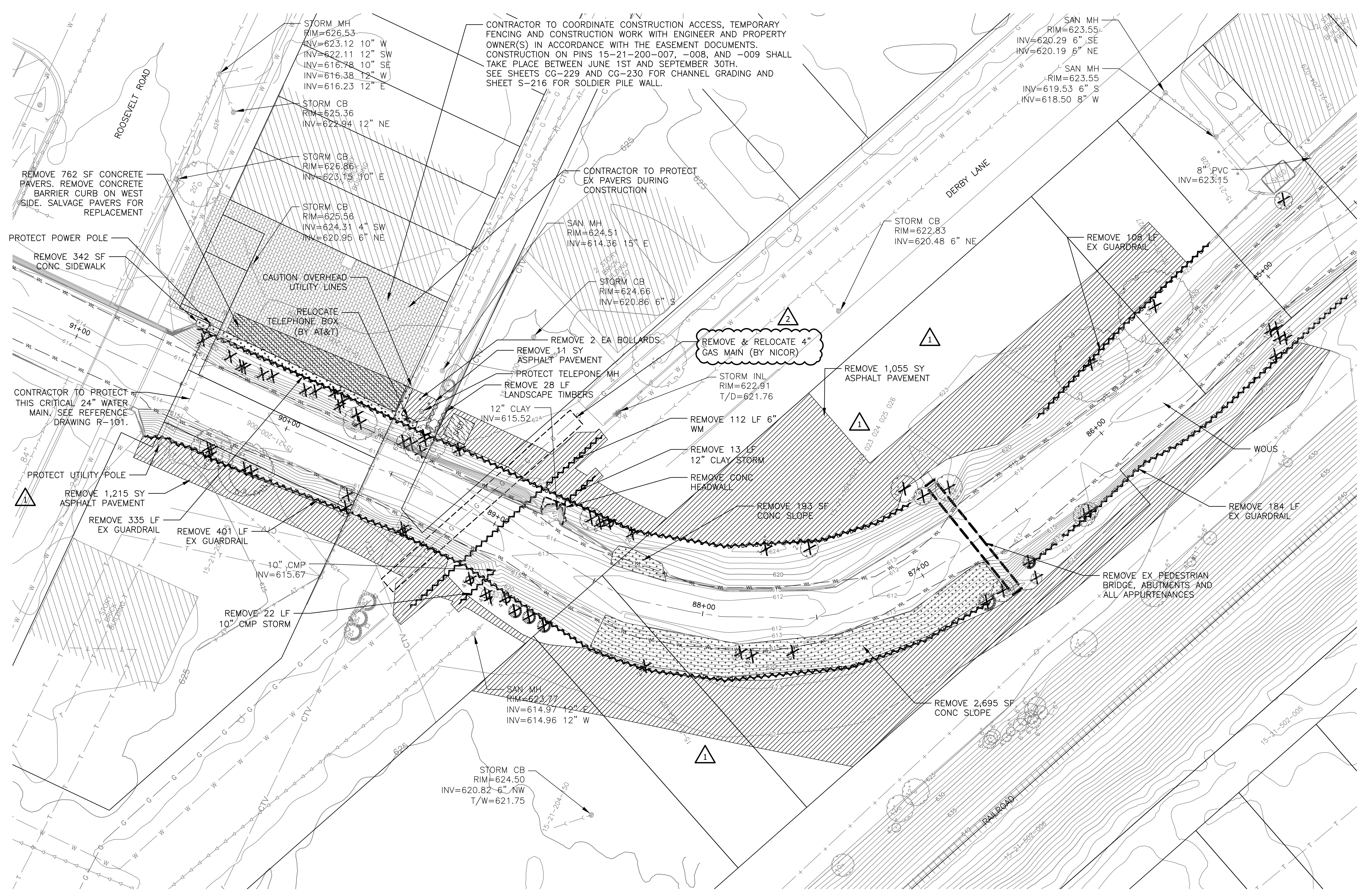
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

DEMOLITION PLAN - REACH 7, 8 & 9
 STA. 97+00 TO STA. 70+00



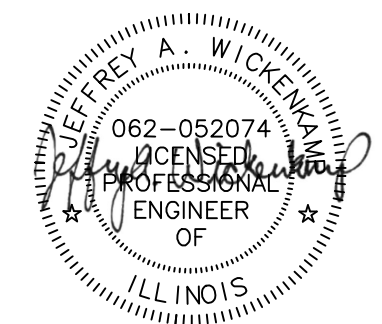
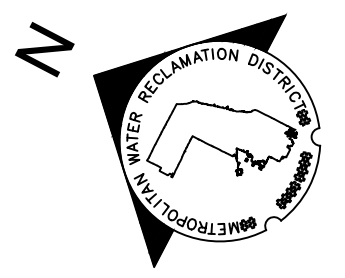
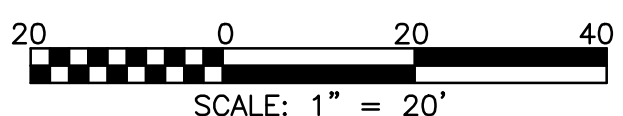
Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 CHICAGO, ILLINOIS 60631
 OFFICE: 773.699.9200
 CHICAGO@HEYASAC.COM

Professional Design Firm
 LICENSE NO. 18404289



CONTRACTOR TO COORDINATE CONSTRUCTION ACCESS, TEMPORARY FENCING AND CONSTRUCTION WORK WITH ENGINEER AND PROPERTY OWNER(S) IN ACCORDANCE WITH THE EASEMENT DOCUMENTS. CONSTRUCTION ON PINS 15-21-200-007, -008, AND -009 SHALL TAKE PLACE BETWEEN JUNE 1ST AND SEPTEMBER 30TH. SEE SHEETS CG-229 AND CG-230 FOR CHANNEL GRADING AND SHEET S-216 FOR SOLDIER PILE WALL.

DEMOLITION LEGEND
 SEE SHEET CD-101



Rev.	Description	Appr.	Date
1	ADDENDUM NO. 2	JAW	01/06/23
2	ADDENDUM NO. 4	JAW	01/25/23

**METROPOLITAN WATER RECLAMATION DISTRICT
 OF GREATER CHICAGO**

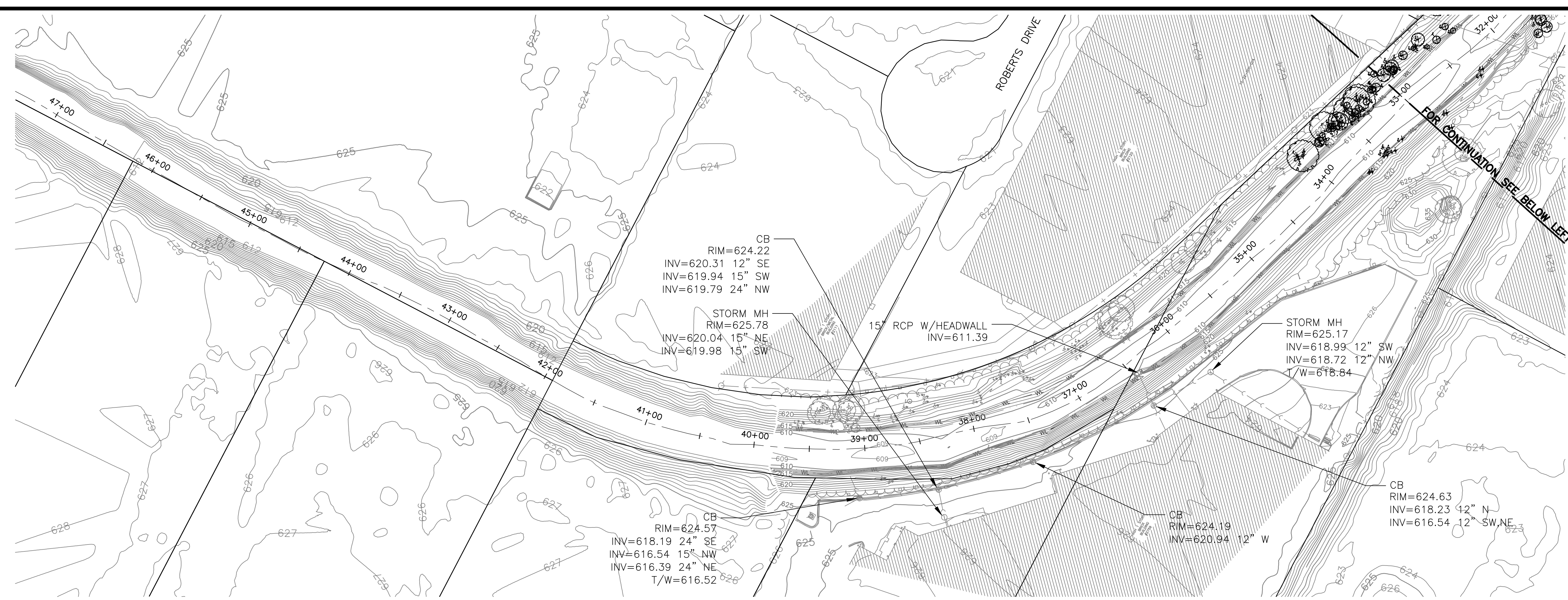
Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 8755 WEST HERGANS ROAD, SUITE 835
 CHICAGO, ILLINOIS 60631
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 CHICAGO@HEYASAC.COM
 LICENSE NO. 18400289

Designed by:	Checked by:	Scale:
TCT/TRP	PML	AS SHOWN
Drawn by:	Reviewed by:	Date:
KSS	JAW	2022
Correct:		

CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

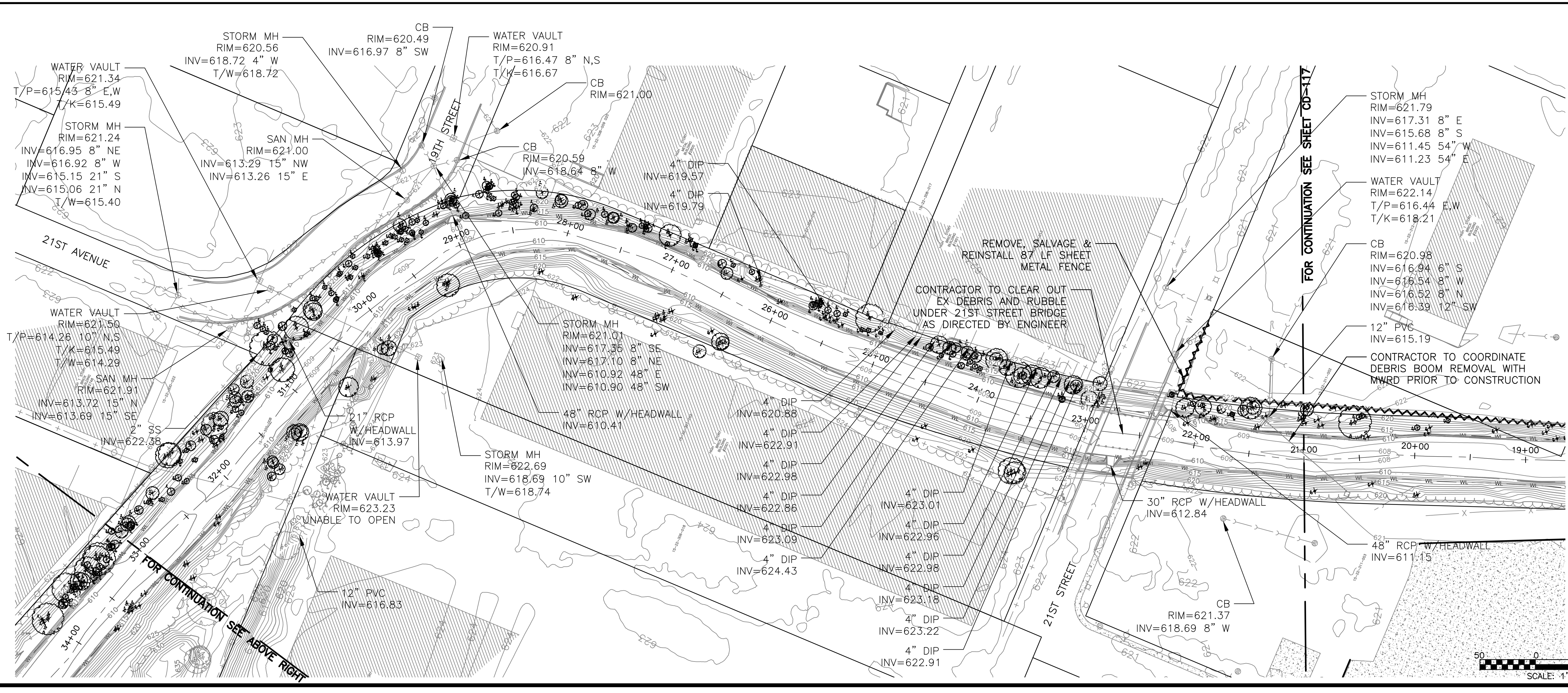
DEMOLITION PLAN - REACH 8 - DETAIL
 STA. 95+50 TO STA. 85+00

Sheet Number:
CD-115
 Page Number: 100



DEMOLITION LEGEND
 SEE SHEET CD-101

NOTE:
 CONTRACTOR SHALL REMOVE ALL TREES, TREE STUMPS, BUSHES AND BRUSH AND CONDUCT CLEARING AND GRUBBING WITHIN THE DELINEATED CONSTRUCTION LIMITS AS SHOWN ON SHEETS CS-101 TO CS-109.



DEMOLITION LEGEND
 SEE SHEET CD-101

NOTE:
 CONTRACTOR SHALL REMOVE ALL TREES, TREE STUMPS, BUSHES AND BRUSH AND CONDUCT CLEARING AND GRUBBING WITHIN THE DELINEATED CONSTRUCTION LIMITS AS SHOWN ON SHEETS CS-101 TO CS-109.

Rev.	Description	Appr.	Date

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Hey and Associates, Inc.
 Engineering, Ecology and Landscape Architecture
 CHICAGO, ILLINOIS 60631
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 CHICAGO@HEYASAC.COM

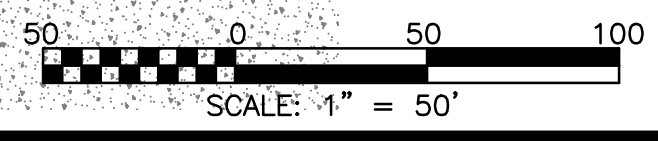
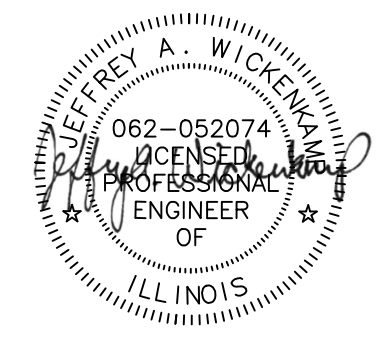
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 Reviewed by: JAW
 Date: 2022
 Correct:

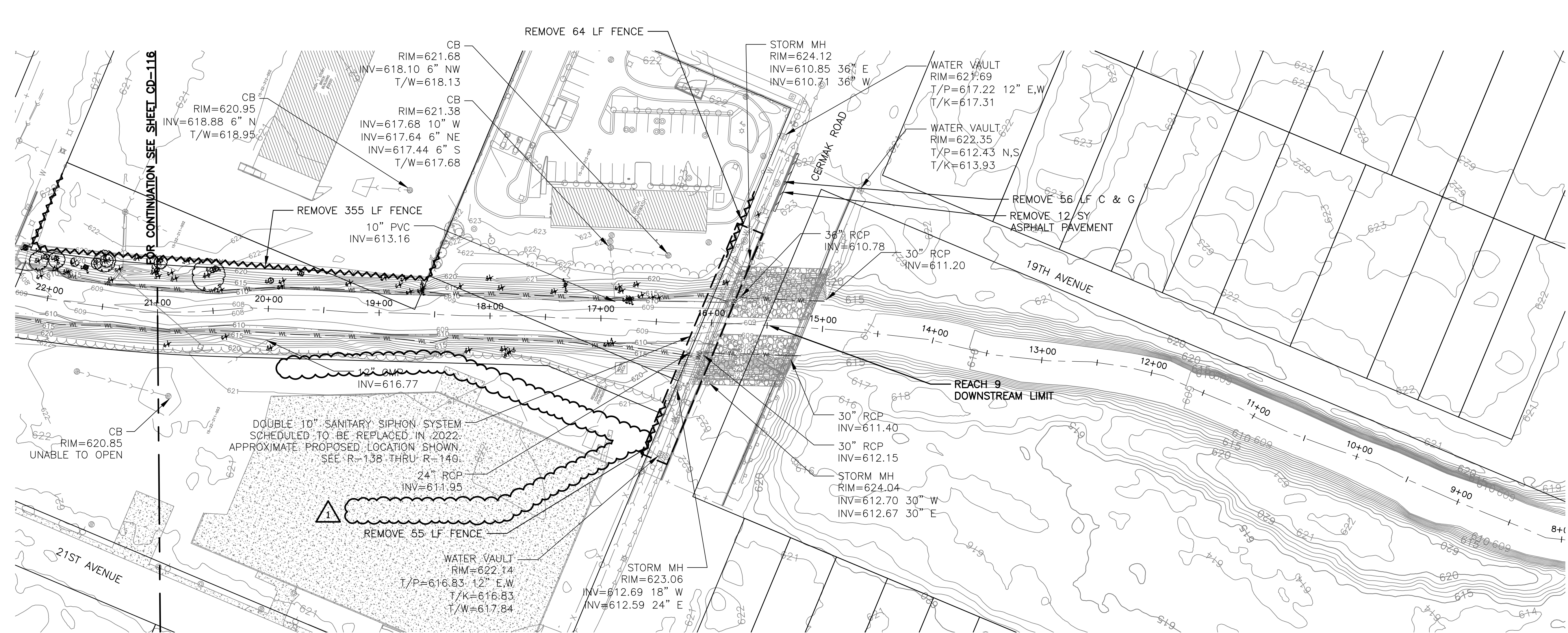
CONTRACT 11-187-3F
 ADDISON CREEK CHANNEL IMPROVEMENTS

DEMOLITION PLAN - REACH 9
 STA. 46+00 TO STA. 21+00

Sheet Number:
CD-116

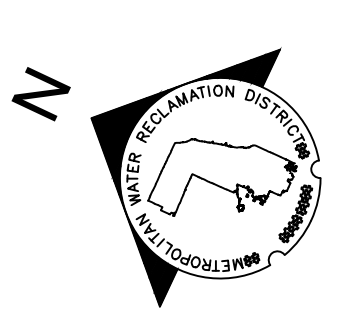
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DEMOLITION LEGEND
SEE SHEET CD-101

NOTE:
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Rev.	Description	Appr.	Date
1	ADDENDUM NO. 4	JAW	01/25/23

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

Designed by: TRP	Checked by: PML	Scale: AS SHOWN
Drawn by: KSS	Reviewed by: JAW	Date: 2022
Correct:		

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CONTRACT 11-187-3F
ADDISON CREEK CHANNEL IMPROVEMENTS

DEMOLITION PLAN - REACH 9
STA. 21+00 TO STA. 15+50

Sheet Number:
CD-117

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