

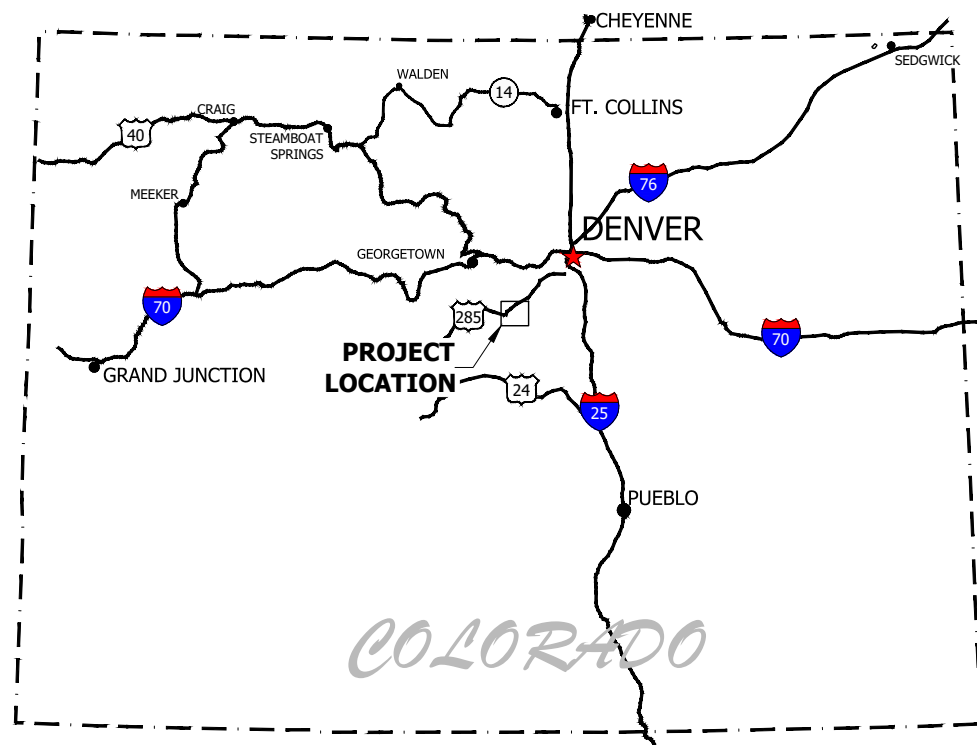
# REHABILITATION DESIGN ROMER RANCH POND

WATER DIVISION 1, WATER DISTRICT 80  
SECTION 36, T6S, R73W, 6TH P.M.  
PARK COUNTY, COLORADO

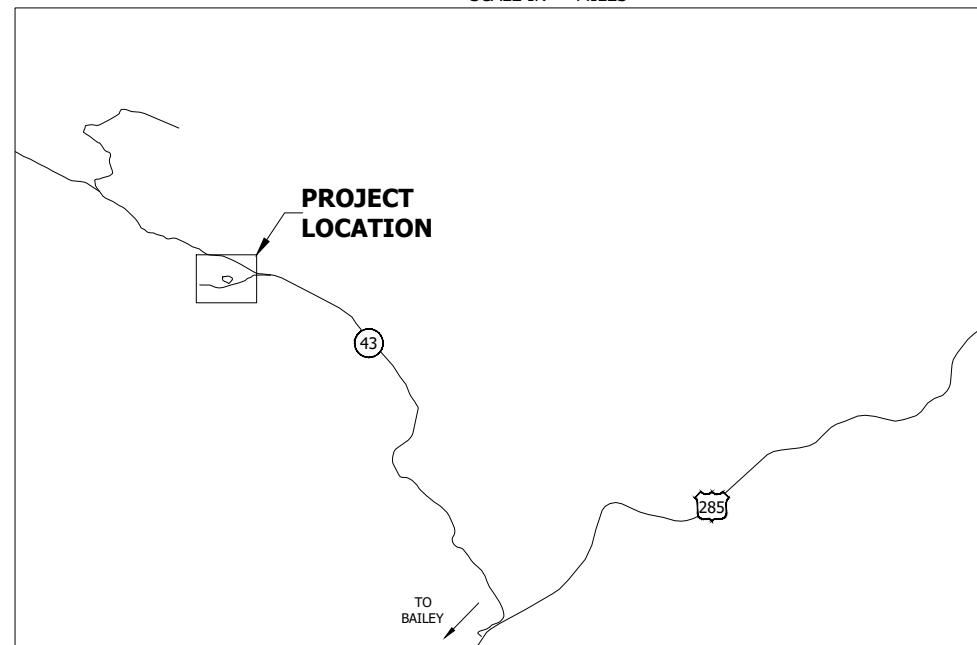
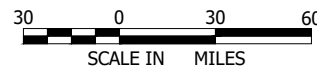
CONSTRUCTION FILE: NONE  
DAMID: 800146

PREPARED FOR:  
FIRE ADAPTED BAILEY

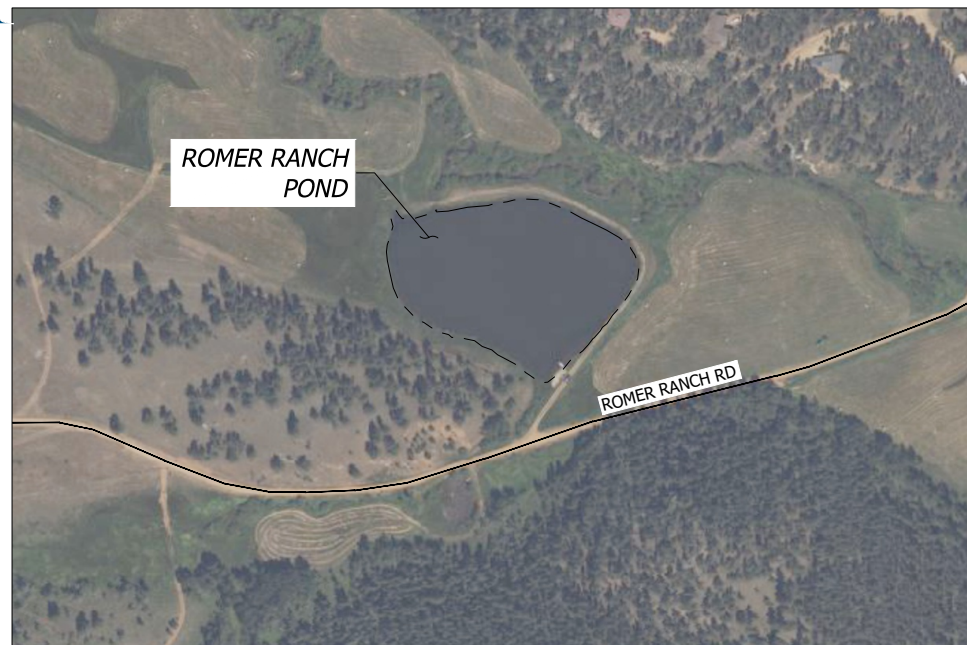
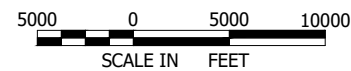
PREPARED BY:  
W. W. WHEELER AND ASSOCIATES, INC.



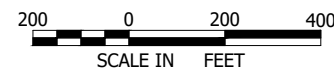
STATE MAP



PROJECT VICINITY MAP



PROJECT LOCATION MAP



I HEREBY DECLARE THESE PLANS FOR THE CONSTRUCTION OF THE ROMER RANCH POND REHABILITATION DESIGN WERE PREPARED UNDER MY DIRECT SUPERVISION.

JOHN THOMAS COX, P.E.  
COLORADO P.E. NO. 62192



THESE PLANS REPRESENT THE AS-CONSTRUCTED CONDITIONS OF THE ROMER RANCH POND REHABILITATION DESIGN TO THE BEST OF OUR KNOWLEDGE AND JUDGMENT, BASED IN PART ON INFORMATION FURNISHED BY OTHERS AS OF THE \_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_.

JOHN THOMAS COX, P.E.  
COLORADO P.E. NO. 62192

R:\19001923\_Fire\_Adapted\_Bailey\1923.02\09\_Drawings\Romer\_Ranch\_Pond\FPC\SheetFiles\192301G-001 10-27-25 10:07am scotta\_XREFS: Wheeler2x34

NO.	DATE	MADE	CHECKED	REMARKS
1	10/25	JTC	TSS	ISSUED FOR CONSTRUCTION

REFERENCE	SHEET NO.	DRAWING NO.	TITLE

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**ROMER RANCH POND**  
REHABILITATION DESIGN  
COVER SHEET  
VICINITY & PROJECT LOCATION MAPS

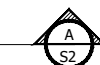



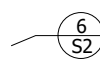



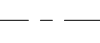











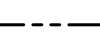





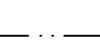

CLIENT		
FIRE ADAPTED BAILEY		
DESIGN	JTC	WHEELER NO. 1923.01.00
DRAWN	SAA	SHEET NO. 1 of 14
CHECK	TSS	DRAWING NO. G-1
PLOT DATE		10/27/2025

**ABBREVIATIONS**

A.B. = ANCHOR BOLT	FS = FAR SIDE REINFORCING BAR	PROJ = PROJECTION
ACB = ARTICULATED CONCRETE BLOCKS	EL. = FOOTING	PVC = POLY VINYL CHLORIDE
ADDL = ADDITIONAL	GA = GAUGE	R = RADIUS
APPROX. = APPROXIMATELY	GALV. = GALVANIZED	RCD = RIGHT CHIMNEY DRAIN
B.O.H. = BOTTOM OF HOLE	GR. = GRADE	REQD = REQUIRED
BF = BOTTOM FACE	GRP = GLASSFIBER REINFORCED PLASTICS	REINF. = REINFORCEMENT
BL = BOTTOM LAYER	H = HORIZONTAL	ROD = RIGHT OUTLET DRAIN
BM = BENCHMARK	HDPE = HIGH DENSITY POLYETHYLENE	RTD = RIGHT TOE DRAIN
BR = BOTTOM ROW	H.R. = HAND RAIL	S = SLOPE
BTWN = BETWEEN	HK. = HOOK	SCH. = SCHEDULE
CFS = CUBIC FEET PER SECOND	HSS = HOLLOW STRUCTURAL SECTION	SDR = STANDARD DIMENSION RATIO
CI = CAST IRON	I.D. = INSIDE DIAMETER	SECT. = SECTION
CJ = CONSTRUCTION JOINT	IF = INSIDE FACE	SEO = COLORADO DIVISION OF WATER RESOURCES, OFFICE OF THE STATE ENGINEER
CLR. = CLEAR	INV. = INVERT	SIM. = SIMILAR
CMP = CORRUGATED METAL PIPE	IR = INSIDE ROW	SPC. = SPACE OR SPACES
CMU = CONCRETE MASONRY UNIT	L <sub>d</sub> = DEVELOPMENT LENGTH	SPY. = SPILLWAY
CONC. = CONCRETE	LCD = LEFT CHIMNEY DRAIN	SQ. = SQUARE
CP = CONTROL POINT	LLV = LONG LEG VERTICAL	SS = STAINLESS STEEL
CRJ = CONTROL JOINT	LOD = LEFT OUTLET DRAIN	STA. = STATION
CTJ = CONTRACTION JOINT	LTD = LEFT TOE DRAIN	STD = STANDARD
CTR. = CENTER OR CENTERS	MAX. = MAXIMUM	STL. = STEEL
CL = CENTERLINE	MFR. = MANUFACTURER	SYM. = SYMMETRICAL
D = NORMAL DIAMETER OF	MIN. = MINIMUM	T.&B. = TOP AND BOTTOM
DI = DUCTILE IRON	MJ = MECHANICAL JOINT	T.O. = TOP OF
DIPS = DUCTILE IRON PIPE SIZE	ML = MIDDLE LAYER	T.O.W. = TOP OF WALL
DR = DIMENSION RATIO	MP = MONITORING POINT	TF = TOP FACE
D/S = DOWNSTREAM	MR = MIDDLE ROW	THK = THICK
DIA. = DIAMETER	N. = NORTHING OR NORTH	THRD = THREADED
DEMO = DEMOLISH	NO. = NUMBER	TL = TOP LAYER
DET. = DETAIL	NAVD = NORTH AMERICAN VERTICAL DATUM	TR = TOP ROW OF REINFORCING BAR
DIAG. = DIAGONAL	NGVD = NATIONAL GEODETIC VERTICAL DATUM	TYP. = TYPICAL
DWG. = DRAWING	NHWL = NORMAL HIGH WATER LINE	U.N.O. = UNLESS NOTED OTHERWISE
DWL. = DWEL	N.T.S. = NOT TO SCALE	U/S = UPSTREAM
E. = EASTING	NF = NEAR FACE	UV = UNIFORMLY VARYING
EA. = EACH	NR = NEAR ROW EQ.	V = VERTICAL
EC = EACH CORNER LENGTHS OF BARS	NS = NEAR SIDE	VCP = VITRIFIED CLAY PIPE
EF = EACH FACE	O.C. = ON CENTER	W = WIDE FLANGE STRUCTURAL BEAM
EJ = EXPANSION JOINT	O.D. = OUTSIDE DIAMETER	W/ = WITH
EL = ELEVATION (IN FEET)	O.H.P. = OVER HEAD POWER	W/O = WITHOUT
ELL = HDPE ELBOW	OF = OUTSIDE FACE	WP = WORK POINT
EMBED = EMBEDDED/EMBEDMENT	OPP = OPPOSITE	W.S. = WATER SURFACE
EQ. SPC. = EQUALLY SPACED OR EQUAL SPACES	OR = OUTSIDE ROW	W.S.A. = WATER STOP TYPE A
ER = EACH ROW	PC = POINT OF CURVATURE	WSP = WELDED STEEL PIPE
ES = EACH SIDE	P.D. = PLAIN DOWELS	WTP = WATER TREATMENT PLANT
EW = EACH WAY	P.I. = POINT OF INTERSECTION	
EXIST = EXISTING	P.R.C. = POINT OF REVERSE CURVATURE	
F.G. = FINAL GRADE	PT = POINT OF TANGENCY	
FF = FAR FACE	PE = PLAIN END	
FIN. = FINISH	PL = PLATE	
FLG = FLANGE	PLCS = PLACES	
FR = FAR ROW		


DRAWING INDEX		
SHEET NO.	DRAWING NO.	DRAWING TITLE
1	G-1	COVER SHEET - VICINITY & PROJECT LOCATION MAPS
2	G-2	DRAWING INDEX, ABBREVIATIONS AND LEGEND
3	G-3	CAPACITY CURVES
4	G-4	PLAN OF EXISTING CONDITIONS
5	C-1	PLAN OF MODIFICATIONS
6	C-2	DEMOLITION PLAN
7	C-3	EXCAVATION - PLAN AND PROFILE
8	C-4	DAM CREST - SECTIONS
9	C-5	OUTLET WORKS - PLAN AND PROFILE
10	C-6	OUTLET WORKS MANHOLE - PLAN AND SECTIONS
11	C-7	OUTLET WORKS FILTER DIAPHRAGM - DETAILS
12	C-8	EMERGENCY SPILLWAY - PLAN, PROFILE, AND SECTION
13	C-9	DRY HYDRANT - DETAILS
14	C-10	TRASH RACK - DETAIL AND SECTION

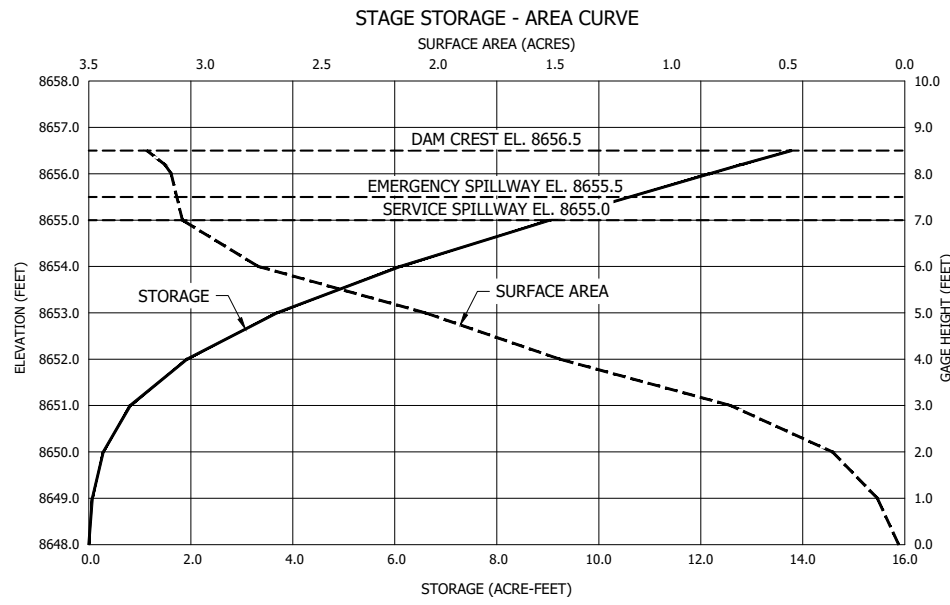
**LEGEND**

	INDICATES CROSS SECTION LOCATION. "A" REFERS TO CROSS SECTION DESIGNATION. THE NUMBER "S2" REFERS TO THE SHEET NUMBER WHERE THE SECTION IS SHOWN.		NORTH ARROW		AGGREGATE BASE COURSE		STEEL
	INDICATES DETAIL LOCATION. THE NUMBER 6 REFERS TO THE DETAIL DESIGNATION. THE NUMBER S2 REFERS TO THE SHEET NUMBER WHERE THE DETAIL IS SHOWN.		CONTROL POINT		GENERAL FILL		EMBANKMENT FILL
	CENTERLINE		BEDROCK		NEW CONCRETE		DRAIN GRAVEL
	MAJOR 5 FT CONTOUR INTERVAL WITH ELEVATION IN FEET		CUT SLOPE		EXISTING CONCRETE		RIPRAP
	MINOR 1 FT CONTOUR INTERVAL		FILL SLOPE		NATURAL GROUND		BACKFILL CONCRETE
	PROPERTY BOUNDARY		STRUCTURAL SLOPE		FILTER SAND		GROUT
	APPROX. WATER LIMITS						
	WETLANDS LIMITS						
	UTILITY EASEMENT						
	LIMITS OF CONSTRUCTION						

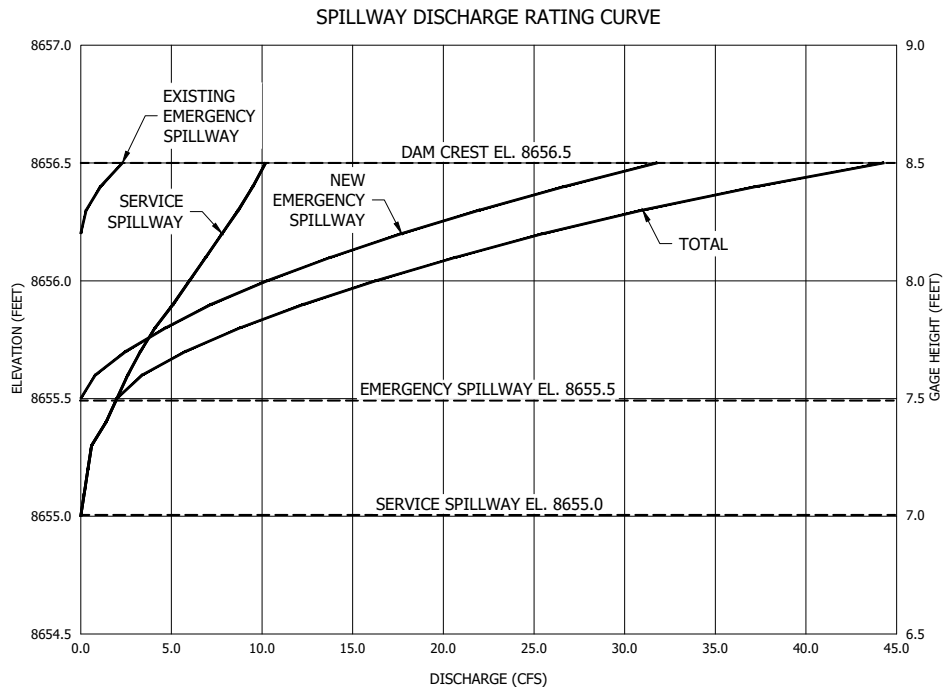
FOR BURIED UTILITY INFORMATION  
**CALL 811**  
**TWO BUSINESS DAYS**  
**BEFORE YOU DIG**  
 UTILITY NOTIFICATION CENTER  
 OF COLORADO (UNCC) OR  
 COMMON GROUND ALLIANCE (CGA)

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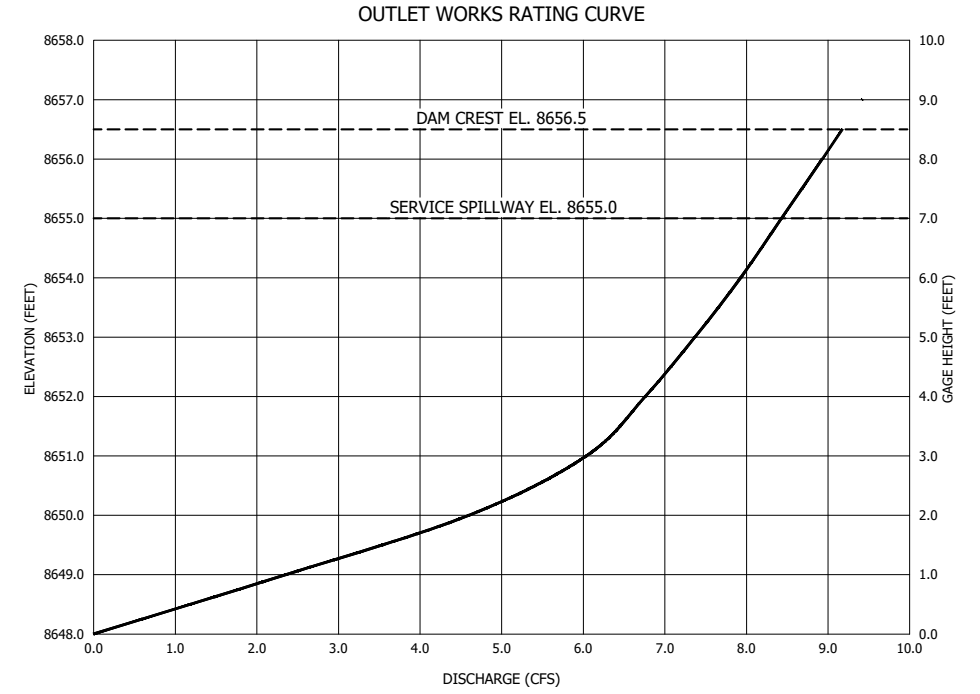
NO.	DATE	MADE	CHECKED	REMARKS	SHEET NO.	DRAWING NO.	TITLE	APPROVED FOR CONSTRUCTION	THIS DRAWING TOGETHER WITH ITS PARENT ELECTRONIC MEDIA FILE IS THE PROPERTY OF W. W. WHEELER & ASSOCIATES, UNLESS OTHERWISE EXCEPTED, OR SUPERSEDED BY WRITTEN AGREEMENT WITH THE CLIENT LISTED IN THE TITLE BLOCK. IT IS FURNISHED ON THE EXPRESS CONDITION THAT IT SHALL NOT BE REPRODUCED, COPIED, NOR USED FOR ANY OTHER PURPOSE THAN FOR WHICH IT IS SPECIFICALLY FURNISHED WITHOUT THE PRIOR WRITTEN CONSENT OF SAID W. W. WHEELER & ASSOCIATES.	 <b>W. W. WHEELER &amp; ASSOCIATES, INC</b> <i>Water Resources &amp; Geotechnical Engineers</i> 3700 S. INDA STREET   ENGLEWOOD, CO 80110-3405 303-761-4130	ROMER RANCH POND REHABILITATION DESIGN DRAWING INDEX, ABBREVIATIONS AND LEGEND	CLIENT FIRE ADAPTED BAILEY DESIGN: JTC DRAWN: SAA CHECK: TSS PLOT DATE: 10/27/2025 WHEELER NO.: 1923.01.00 SHEET NO.: 2 of 14 DRAWING NO.: G-2
1	10/25	JTC	TSS	ISSUED FOR CONSTRUCTION				ALL SEALS FOR THIS DRAWING SET ARE APPLIED TO THE COVER PAGE.				



STAGE STORAGE RATING TABLE				
ELEVATION	GAGE HEIGHT	CONTOUR AREA	CUMULATIVE VOLUME	NOTES
(FT)	(FT)	(AC)	(AC-FT)	
8648.0	0.0	0.0	0.0	OUTLET INVERT
8649.0	1.0	0.1	0.1	
8650.0	2.0	0.3	0.3	
8651.0	3.0	0.7	0.8	
8652.0	4.0	1.5	1.9	
8653.0	5.0	2.1	3.7	
8654.0	6.0	2.8	6.1	
8655.0	7.0	3.1	9.0	NHWL
8655.5	7.5	3.1	10.6	EMERGENCY SPILLWAY
8656.0	8.0	3.1	12.2	
8656.2	8.2	3.2	12.8	
8656.5	8.5	3.3	13.8	DAM CREST



SPILLWAY DISCHARGE RATING TABLE						
ELEVATION	GAGE HEIGHT	SERVICE SPILLWAY	EMERGENCY SPILLWAY	NEW SPILLWAY	TOTAL DISCHARGE	NOTES
(FT)	(FT)	(CFS)	(CFS)	(CFS)	(CFS)	
8655.0	7.0	0.0	0.0	0.0	0.0	SERVICE SPILLWAY
8655.1	7.1	0.2	0.0	0.0	0.2	
8655.2	7.2	0.4	0.0	0.0	0.4	
8655.3	7.3	0.6	0.0	0.0	0.6	
8655.4	7.4	1.4	0.0	0.0	1.4	
8655.5	7.5	2.0	0.0	0.0	2.0	EMERGENCY SPILLWAY
8655.6	7.6	2.6	0.0	0.8	2.6	
8655.7	7.7	3.3	0.0	2.5	3.3	
8655.8	7.8	4.1	0.0	4.7	4.1	
8655.9	7.9	5.1	0.0	7.2	5.1	
8656.0	8.0	6.0	0.0	10.3	6.0	
8656.1	8.1	6.9	0.0	13.8	6.9	
8656.2	8.2	7.8	0.0	17.7	7.8	
8656.3	8.3	8.7	0.3	22.0	9.0	
8656.4	8.4	9.5	1.1	26.7	10.6	
8656.5	8.5	10.2	2.3	31.8	12.5	DAM CREST



OUTLET WORKS RATING TABLE			
ELEVATION	GAGE HEIGHT	DISCHARGE	NOTES
(FT)	(FT)	(CFS)	
8648.0	0.0	0.0	GATE INVERT
8649.0	1.0	2.4	
8650.0	2.0	4.6	
8651.0	3.0	6.0	
8652.0	4.0	6.8	
8653.0	5.0	7.4	
8654.0	6.0	7.9	
8655.0	7.0	8.4	NHWL
8656.0	8.0	8.9	
8656.5	8.5	9.2	DAM CREST

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NO.	DATE	MADE	CHECKED	REMARKS
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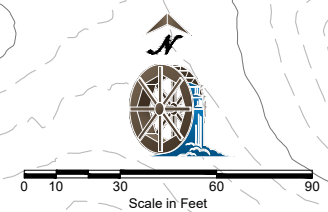
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ROMER RANCH POND  
REHABILITATION DESIGN  
CAPACITY CURVES

CLIENT		
FIRE ADAPTED BAILEY		
DESIGN	JTC	WHEELER NO. 1923.01.00
DRAWN	SAA	SHEET NO. 3 of 14
CHECK	TSS	DRAWING NO. G-3
PLOT DATE	10/27/2025	

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**PLAN OF EXISTING CONDITIONS**  
CONTOUR INTERVAL: 1FT

- NOTES:**
1. SITE TOPOGRAPHY AND BATHYMETRIC DATA WAS COLLECTED BY SURVEYING AND MAPPING (SAM) LLC. ON JUNE 10, 2021.
  2. BACKGROUND TOPOGRAPHY WAS OBTAINED FROM COLORADO WATER CONSERVATION BOARD AS 1-METER RESOLUTION LIDAR DATA COLLECTED IN 2019.
  3. PROJECT HORIZONTAL CONTROL IS BASED ON COLORADO STATE PLAN, CENTRAL ZONE, NORTH AMERICAN DATUM OF 1983, NATIONAL ADJUSTMENT OF 2011 (NAD83(2011)).
  4. PROJECT VERTICAL CONTROL IS BASED ON THE NORTH AMERICAN VERTICAL OF 1988 (NAVD88). PROJECT BENCHMARK "CP-ROM1", A REBAR STAKE, AT ELEVATION 8657.71.

NO.	DATE	MADE	CHECKED	REMARKS
1	10/25	JTC	TSS	ISSUED FOR CONSTRUCTION

REFERENCE	SHEET NO.	DRAWING NO.	TITLE

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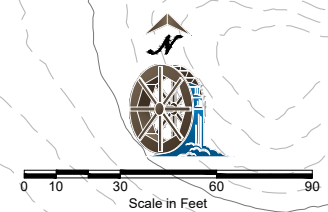
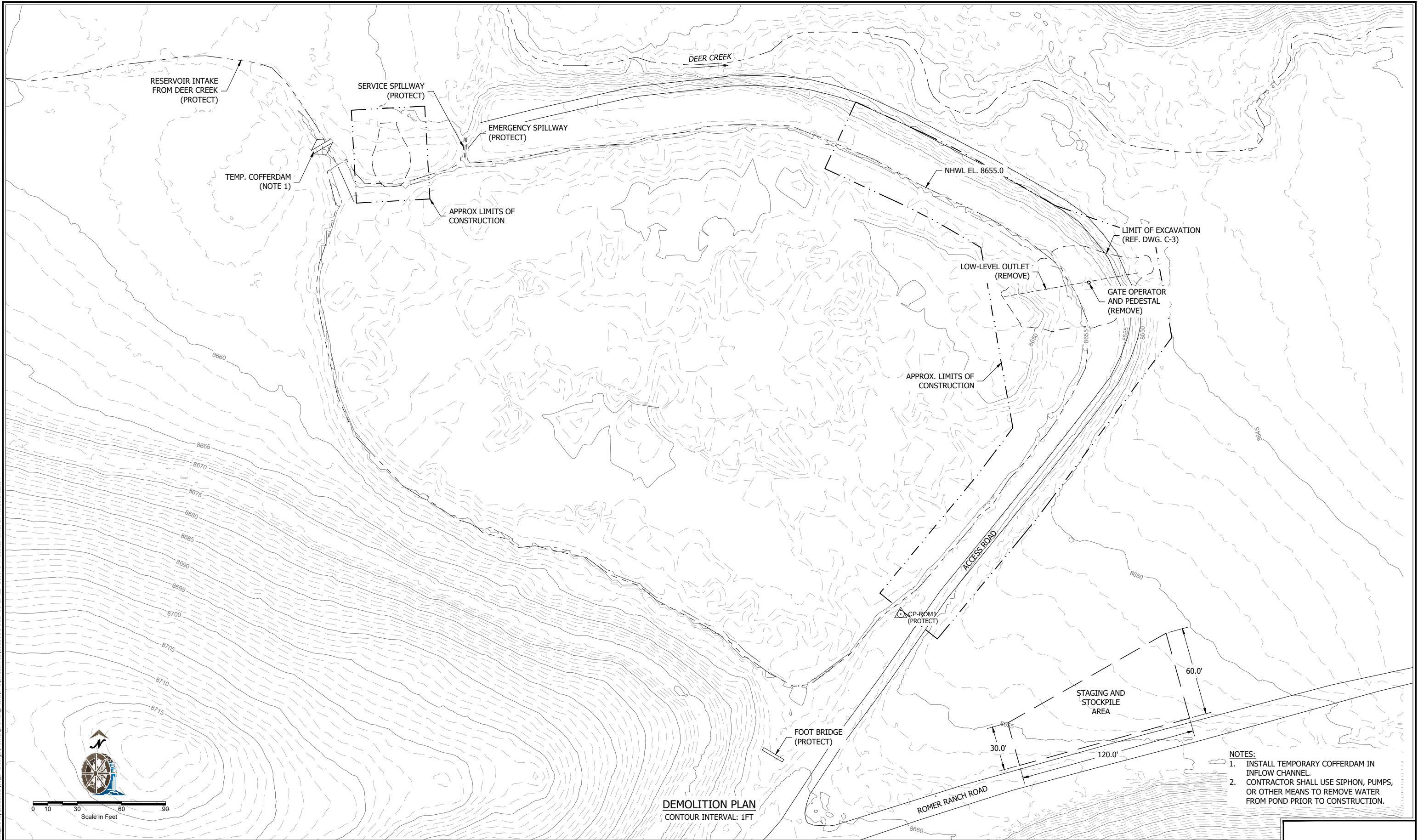
3700 S. INDA STREET | ENGLEWOOD, CO 80110-3405  
303-761-4130

**ROMER RANCH POND**  
REHABILITATION DESIGN  
PLAN OF EXISTING  
CONDITIONS

CLIENT			
FIRE ADAPTED BAILEY			
DESIGN	JTC	WHEELER NO.	1923.01.00
DRAWN	SAA	SHEET NO.	4 of 14
CHECK	TSS	DRAWING NO.	G-4
PLOT DATE	10/27/2025		



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**DEMOLITION PLAN**  
CONTOUR INTERVAL: 1FT

- NOTES:**
1. INSTALL TEMPORARY COFFERDAM IN INFLOW CHANNEL.
  2. CONTRACTOR SHALL USE SIPHON, PUMPS, OR OTHER MEANS TO REMOVE WATER FROM POND PRIOR TO CONSTRUCTION.

NO.	DATE	MADE	CHECKED	REMARKS
1	10/25	JTC	TSS	ISSUED FOR CONSTRUCTION

REFERENCE	SHEET NO.	DRAWING NO.	TITLE

**APPROVED FOR CONSTRUCTION**

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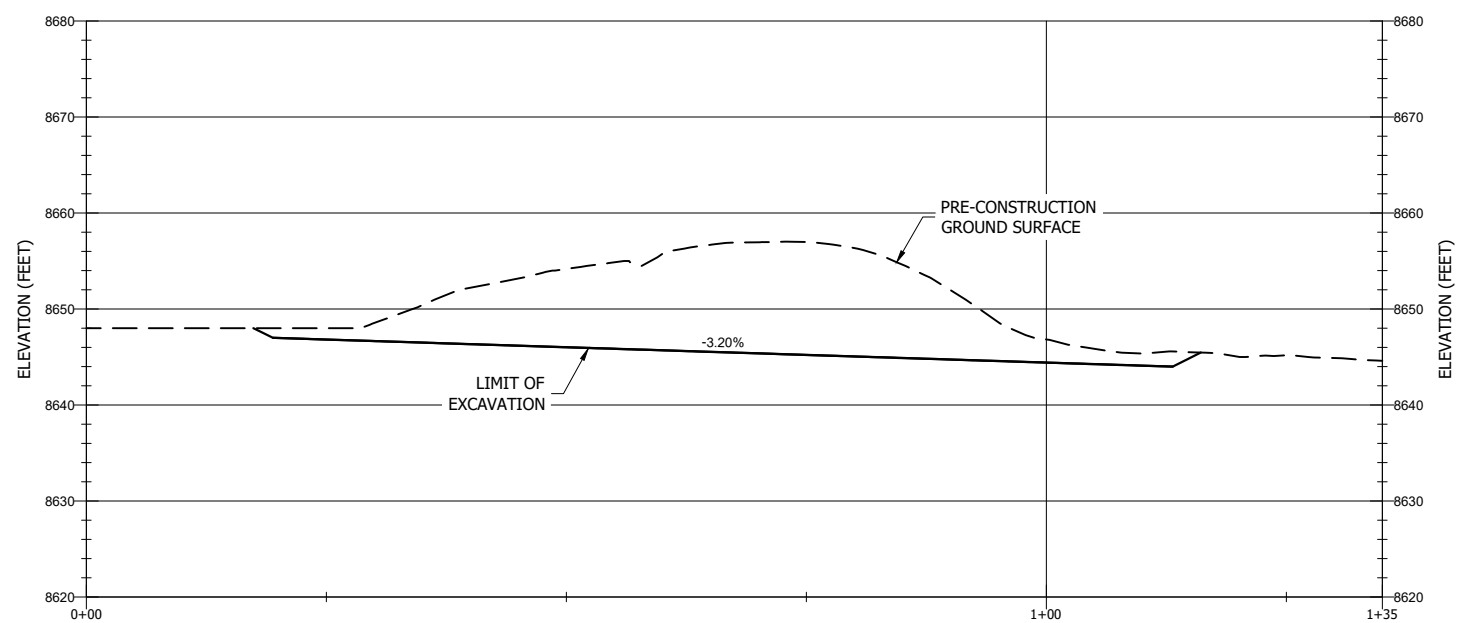
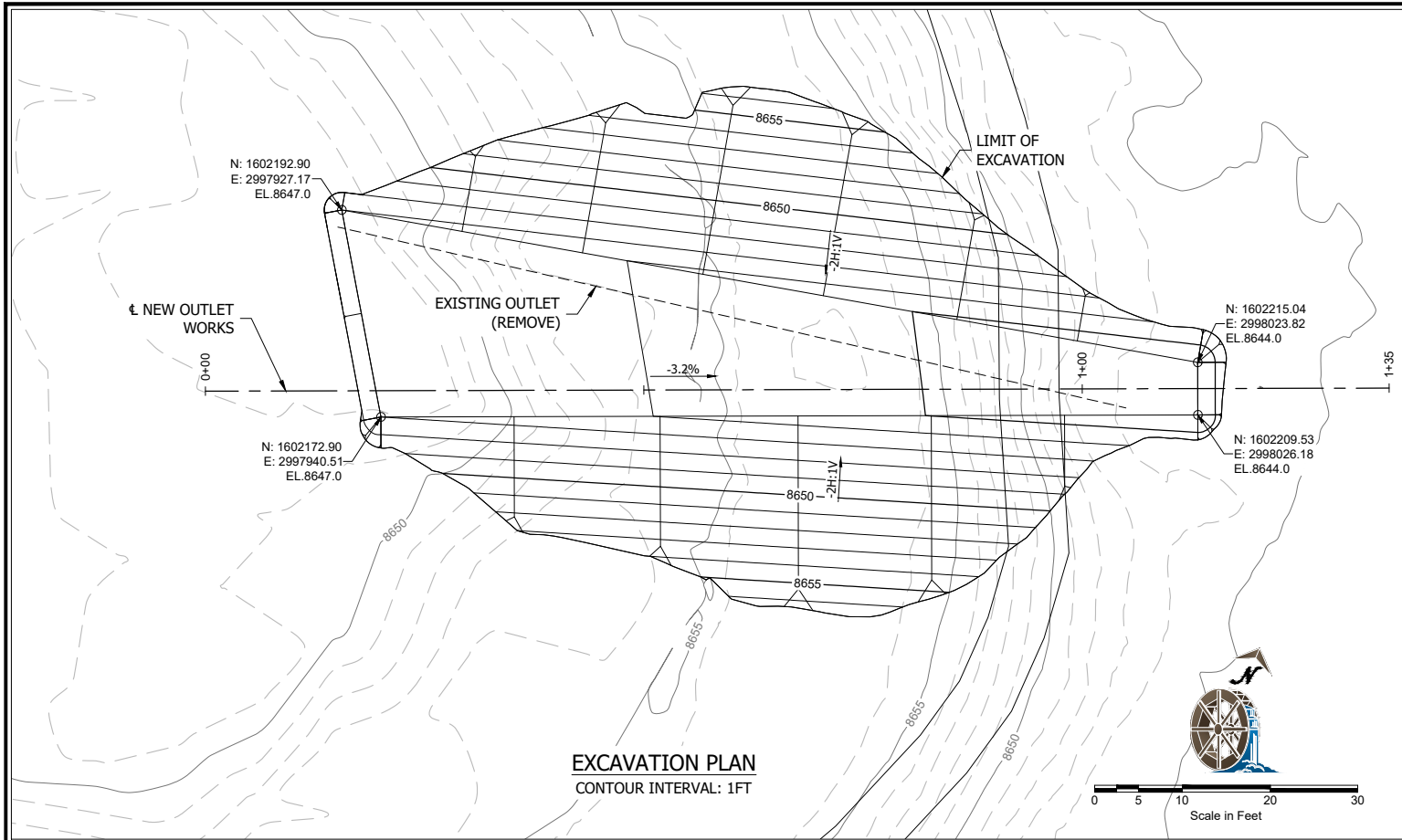
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303-761-4130

**ROMER RANCH POND**  
REHABILITATION DESIGN  
DEMOLITION PLAN

CLIENT		
FIRE ADAPTED BAILEY		
DESIGN	JTC	WHEELER NO. 1923.01.00
DRAWN	SAA	SHEET NO. 6 of 14
CHECK	TSS	DRAWING NO. C-2
DATE	10/27/2025	

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NO.	DATE	MADE	CHECKED	REMARKS
1	10/25	JTC	TSS	ISSUED FOR CONSTRUCTION

REFERENCE	SHEET NO.	DRAWING NO.	TITLE

**APPROVED FOR CONSTRUCTION**

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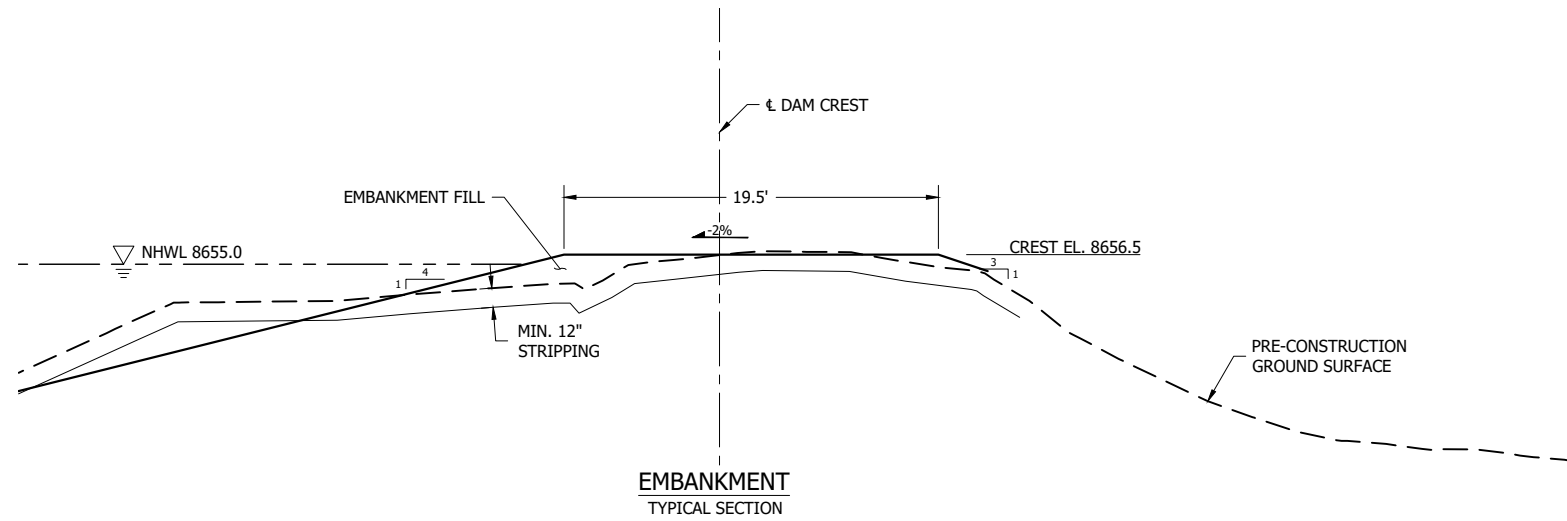
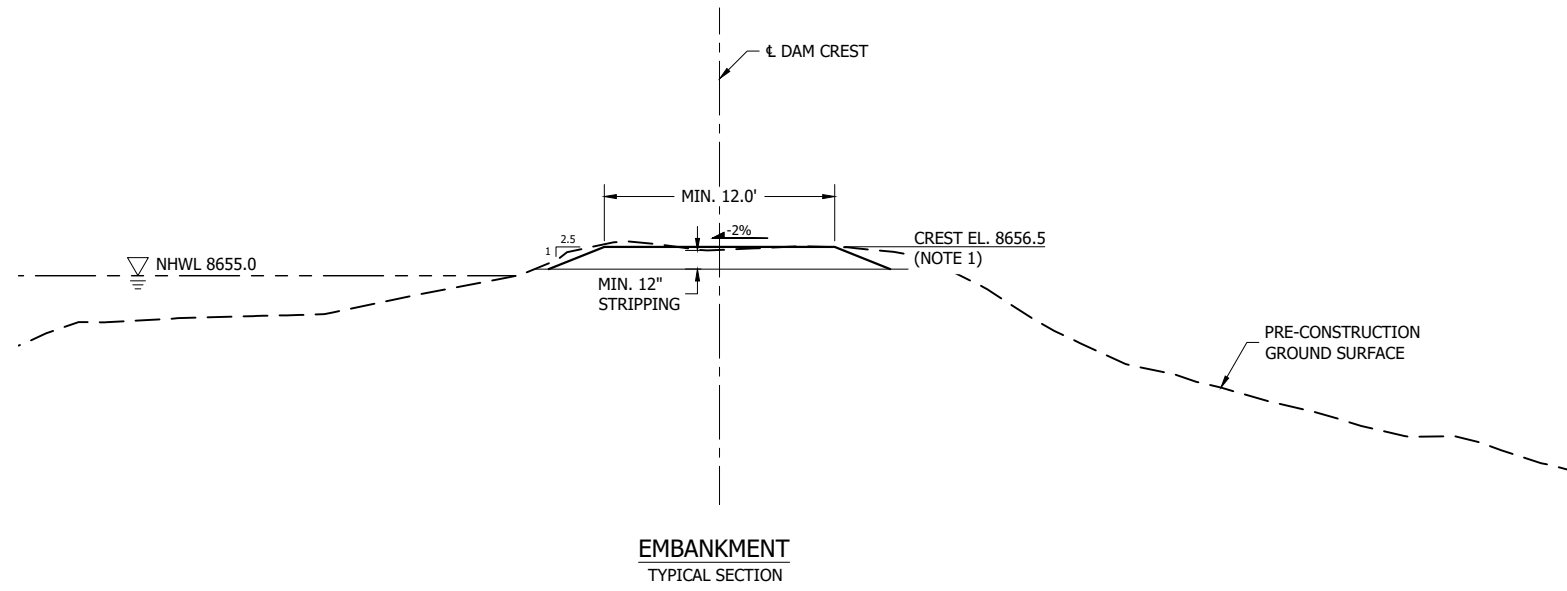
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3700 S. INDA STREET | ENGLEWOOD, CO 80110-3405  
303-761-4130

**ROMER RANCH POND**  
REHABILITATION DESIGN  
EXCAVATION  
PLAN AND PROFILE

CLIENT		
FIRE ADAPTED BAILEY		
DESIGN	JTC	WHEELER NO. 1923.01.00
DRAWN	SAA	SHEET NO. 7 of 14
CHECK	TSS	DRAWING NO. C-3
PLOT DATE 10/27/2025		

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**NOTES:**  
 1. PLACE FILL AS REQUIRED BETWEEN STATIONS 2+48 AND 6+64 TO ACHIEVE A MINIMUM CREST ELEVATION OF 8656.5 AND MINIMUM WIDTH OF 12 FEET.

NO.	DATE	MADE	CHECKED	REMARKS
1	10/25	JTC	TSS	ISSUED FOR CONSTRUCTION

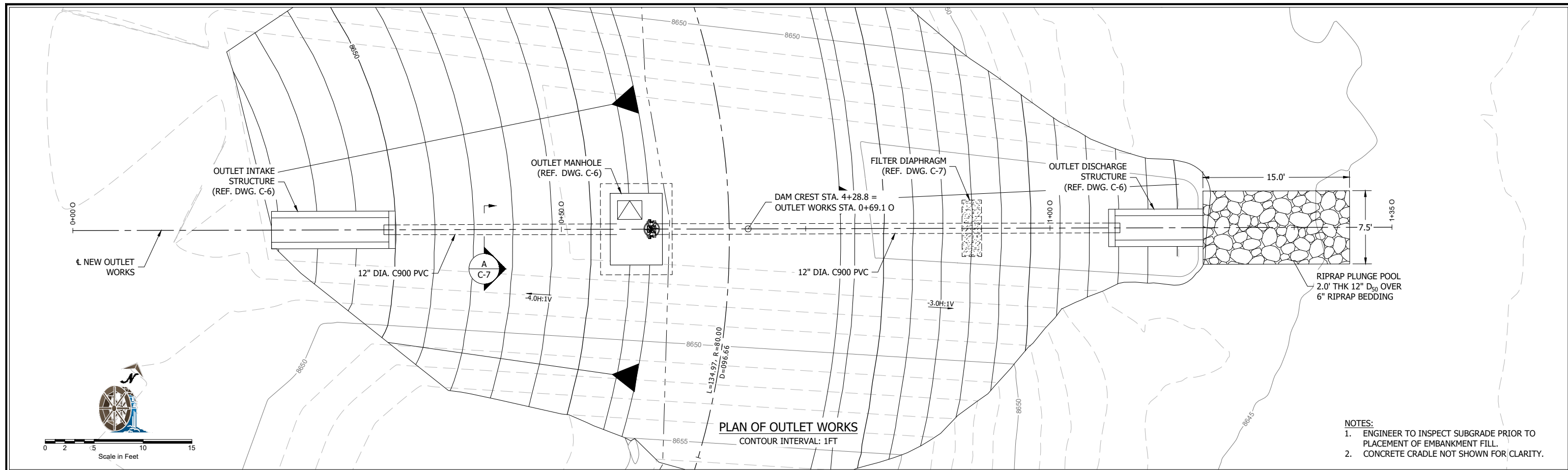
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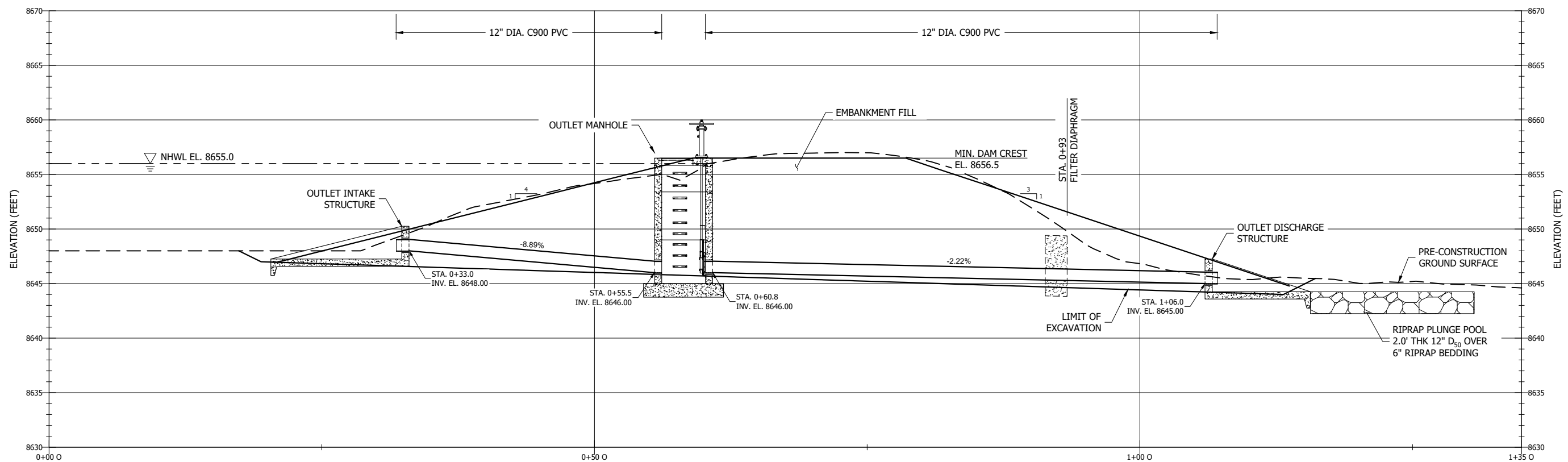
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**ROMER RANCH POND**  
 REHABILITATION DESIGN  
 DAM CREST SECTIONS

CLIENT		
DESIGN	JTC	WHEELER NO. 1923.01.00
DRAWN	SAA	SHEET NO. 8 of 14
CHECK	TSS	DRAWING NO. C-4
PLOT DATE 10/27/2025		



- NOTES:**
- ENGINEER TO INSPECT SUBGRADE PRIOR TO PLACEMENT OF EMBANKMENT FILL.
  - CONCRETE CRADLE NOT SHOWN FOR CLARITY.



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1	10/25	JTC	TSS	ISSUED FOR CONSTRUCTION

REFERENCE	SHEET NO.	DRAWING NO.	TITLE

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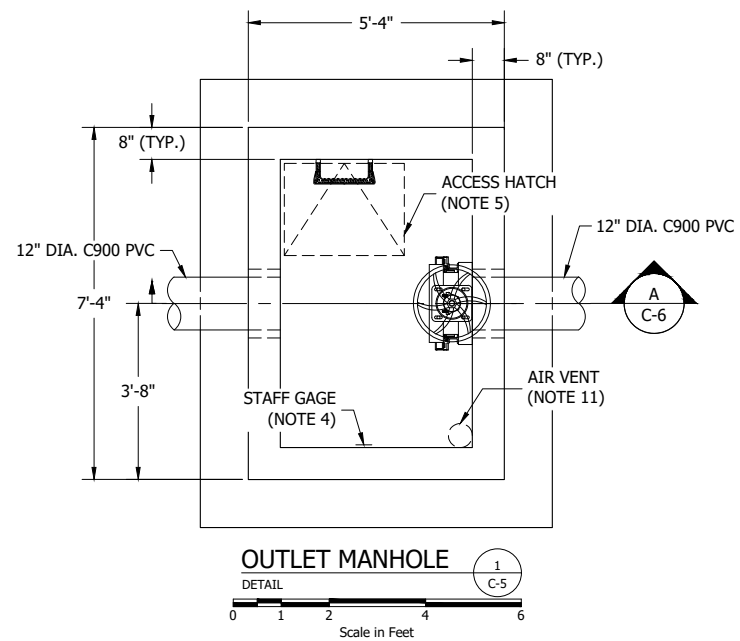
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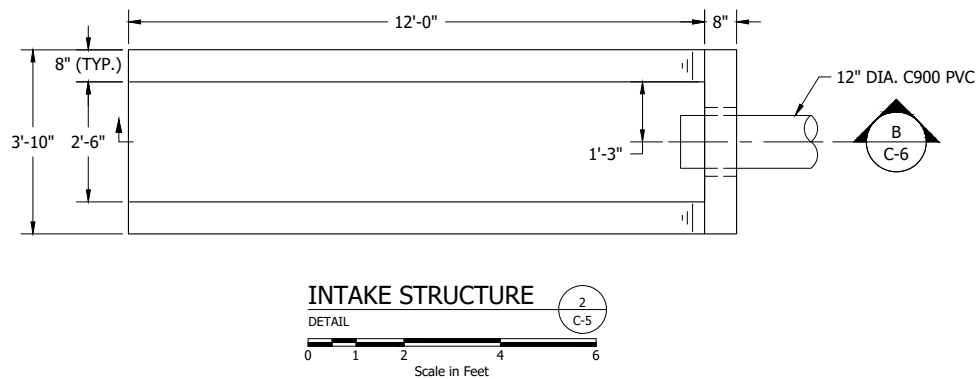
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**ROMER RANCH POND**  
REHABILITATION DESIGN  
OUTLET WORKS  
PLAN AND PROFILE

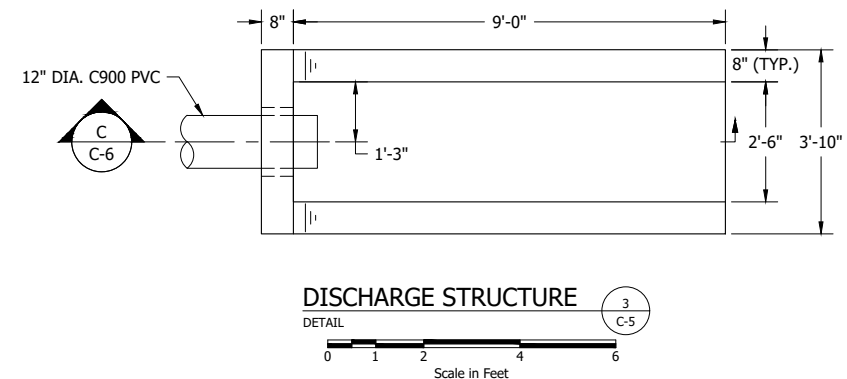
CLIENT		
FIRE ADAPTED BAILEY		
DESIGN	JTC	WHEELER NO. 1923.01.00
DRAWN	SAA	SHEET NO. 9 of 14
CHECK	TSS	DRAWING NO. C-5
DATE	10/27/2025	



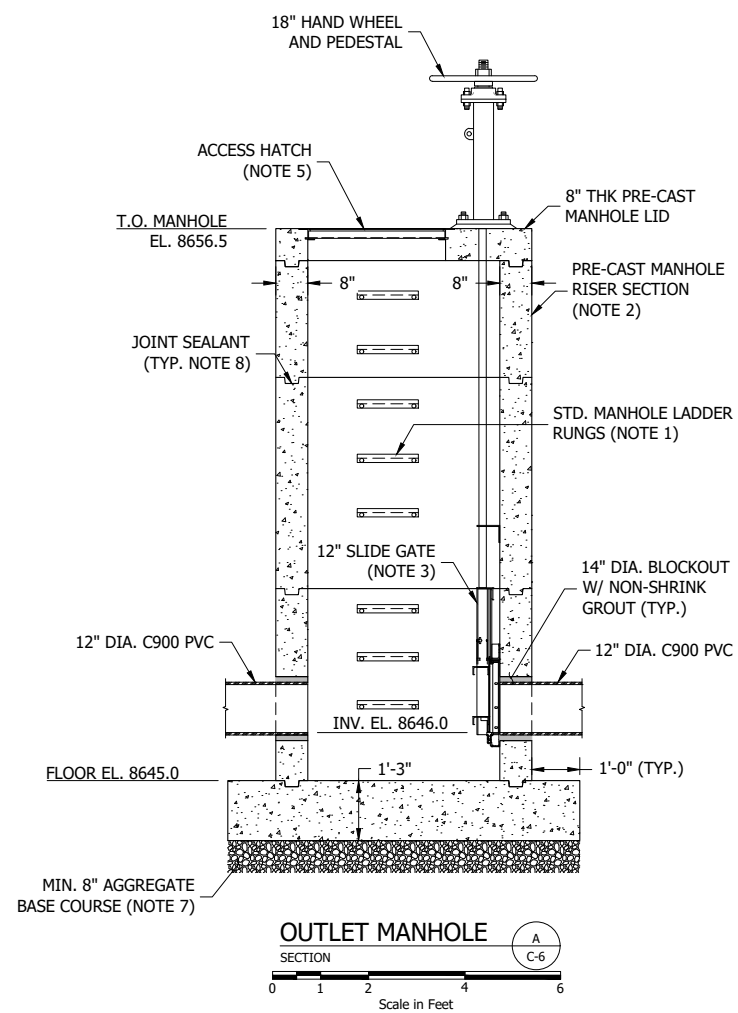
**OUTLET MANHOLE**  
DETAIL  
Scale in Feet



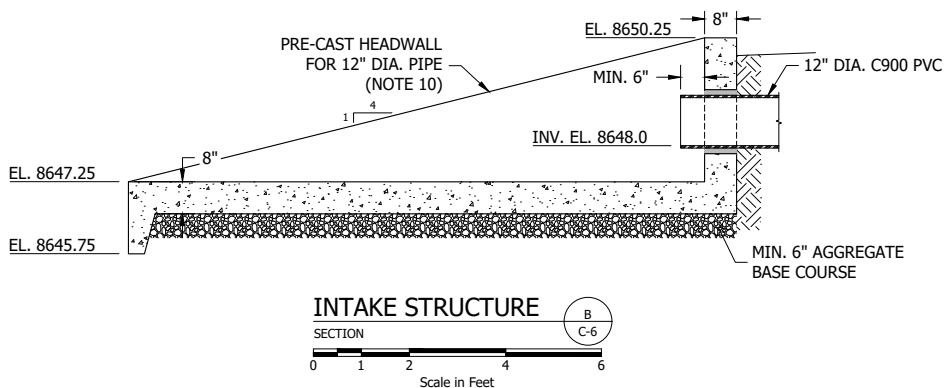
**INTAKE STRUCTURE**  
DETAIL  
Scale in Feet



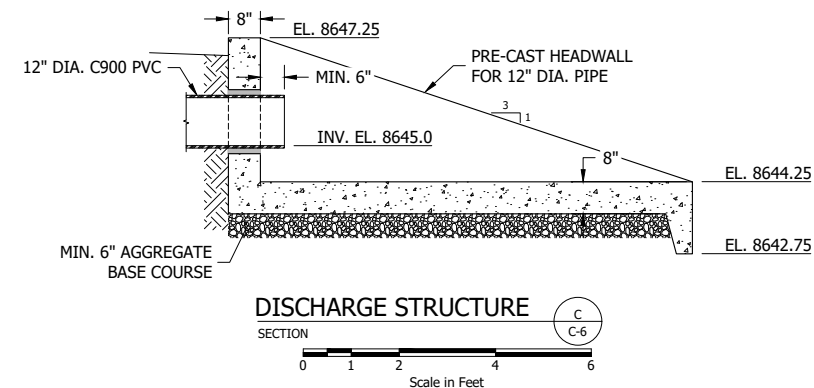
**DISCHARGE STRUCTURE**  
DETAIL  
Scale in Feet



**OUTLET MANHOLE**  
SECTION  
Scale in Feet



**INTAKE STRUCTURE**  
SECTION  
Scale in Feet



**DISCHARGE STRUCTURE**  
SECTION  
Scale in Feet

**NOTES:**

- LADDER RUNGS SIZE AND SPACING PER MANUFACTURER'S SPECIFICATIONS.
- HEIGHT OF RISERS PER MANUFACTURER'S RECOMMENDATIONS.
- SLIDE GATE SHALL BE MOUNTED TO BAFFLE WALL PER MANUFACTURER'S INSTRUCTIONS.
- STAFF GAGE SHALL BE STEVENS STYLE C. MOUNT TO INTERIOR MANHOLE WALL PER MANUFACTURER'S INSTRUCTIONS. GAGE HEIGHT 0 = EL. 8846
- ACCESS HATCH SHALL BE INSTALLED PER THE MANUFACTURER'S INSTRUCTIONS.
- CONCRETE CRADLE SHALL CRADLE ENTIRE LENGTH OF OUTLET PIPE.
- NATIVE UNDISTURBED OR RE-COMPACTED SOIL BELOW AGGREGATE WITH MINIMUM SBP OF 2,500 PSF. VERIFY BY GEOTECH ONSITE.
- DRY PACK GROUT PLACED OVER HYDROPHOLIC SEALANT INJECTED INTO ALL INTERIOR JOINTS.
- CONTRACTOR SHALL ANCHOR PIPE TO PREVENT DISTURBANCE, MOVEMENT, OR FLOATATION DURING CONCRETE PLACEMENT.
- INTAKE STRUCTURE TRASH RACK NOT SHOWN FOR CLARITY (REF. DWG. C-10).
- INSTALL 6-INCH DIAMETER AIR VENT PENETRATION IN MANHOLE LID. LOCATE VENT PER MANUFACTURER'S INSTRUCTIONS. AFFIX VENT WITH 1/4" MESH RODENT SCREEN.

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NO.	DATE	MADE	CHECKED	REMARKS
1	10/25	JTC	TSS	ISSUED FOR CONSTRUCTION

REFERENCE	SHEET NO.	DRAWING NO.	TITLE

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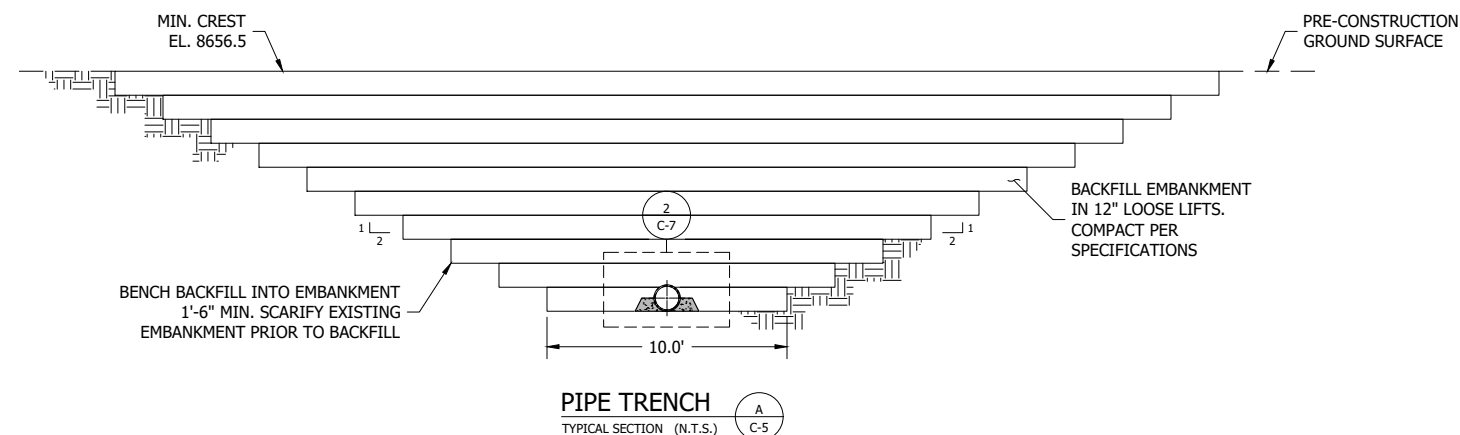
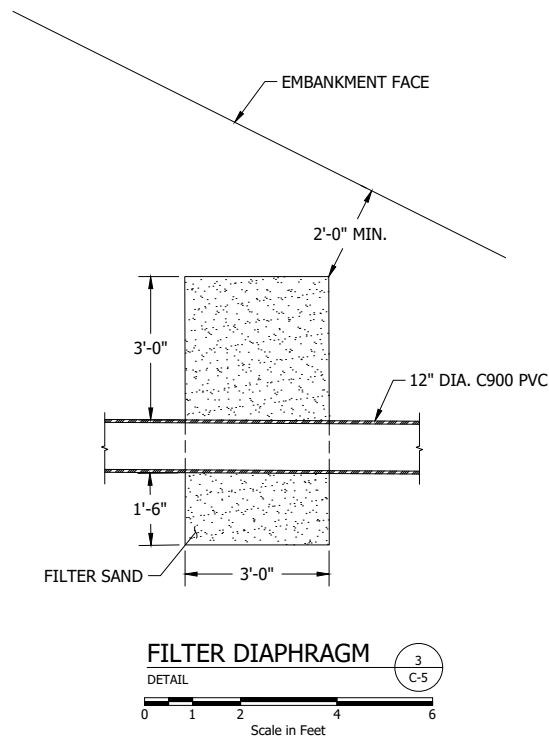
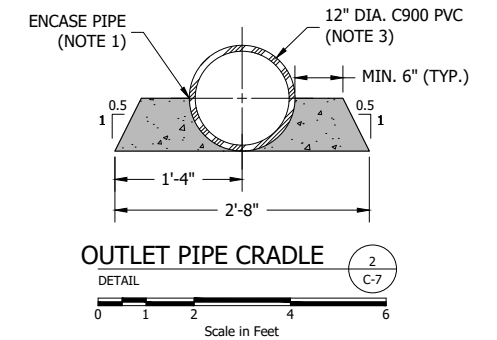
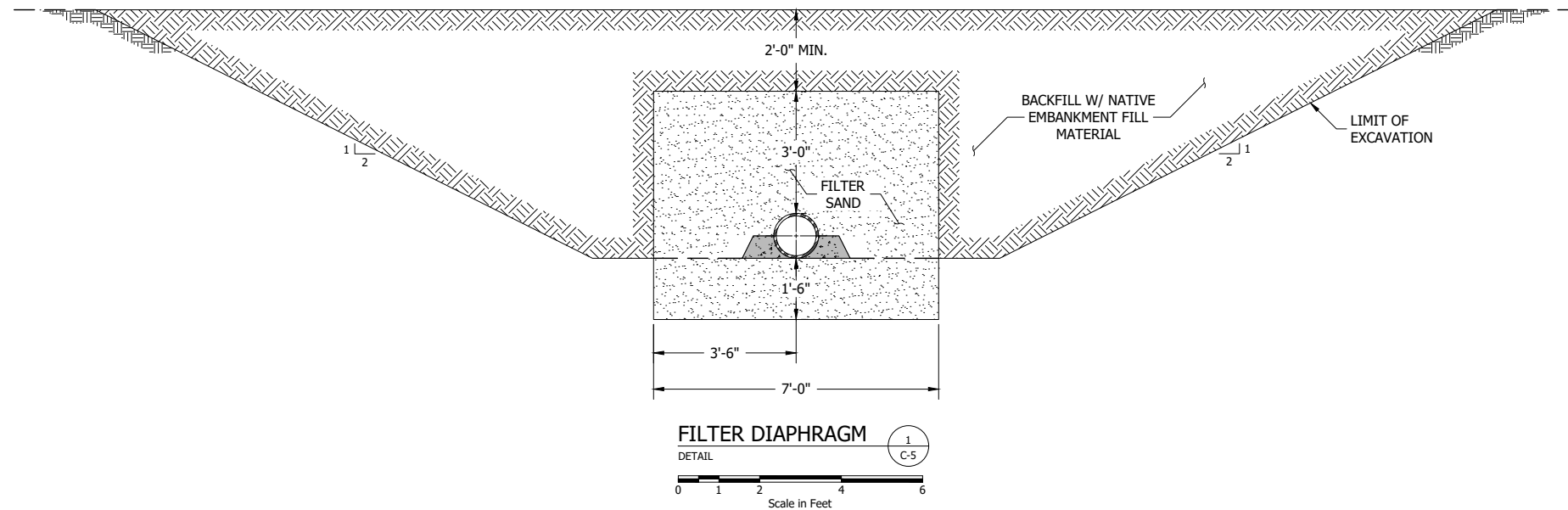
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**ROMER RANCH POND**  
REHABILITATION DESIGN  
OUTLET WORKS MANHOLE  
PLAN AND SECTIONS

CLIENT		
FIRE ADAPTED BAILEY		
DESIGN	JTC	WHEELER NO. 1923.01.00
DRAWN	SAA	SHEET NO. 10 of 14
CHECK	TSS	DRAWING NO. C-6
PLOT DATE	10/27/2025	



- NOTES:
1. PLACE BACKFILL CONCRETE BENEATH THE HAUNCHES OF THE PIPE, UP TO THE SPRINGLINE.
  2. CONCRETE CRADLE SHALL CRADLE ENTIRE LENGTH OF OUTLET PIPE.
  3. ANCHOR PIPE TO PREVENT DISTURBANCE, MOVEMENT, OR FLOTATION DURING CONCRETE PLACEMENT.

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NO.	DATE	MADE	CHECKED	REMARKS
1	10/25	JTC	TSS	ISSUED FOR CONSTRUCTION

REFERENCE	SHEET NO.	DRAWING NO.	TITLE

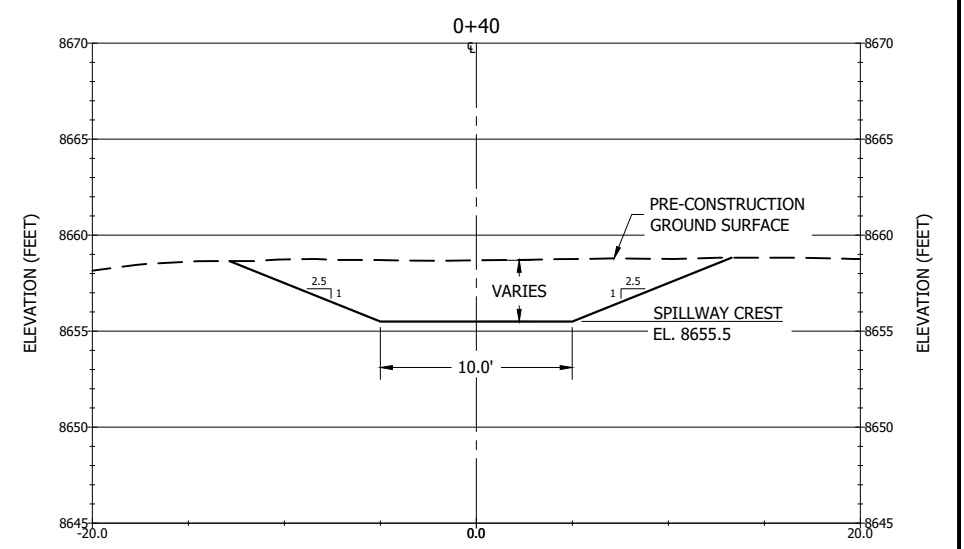
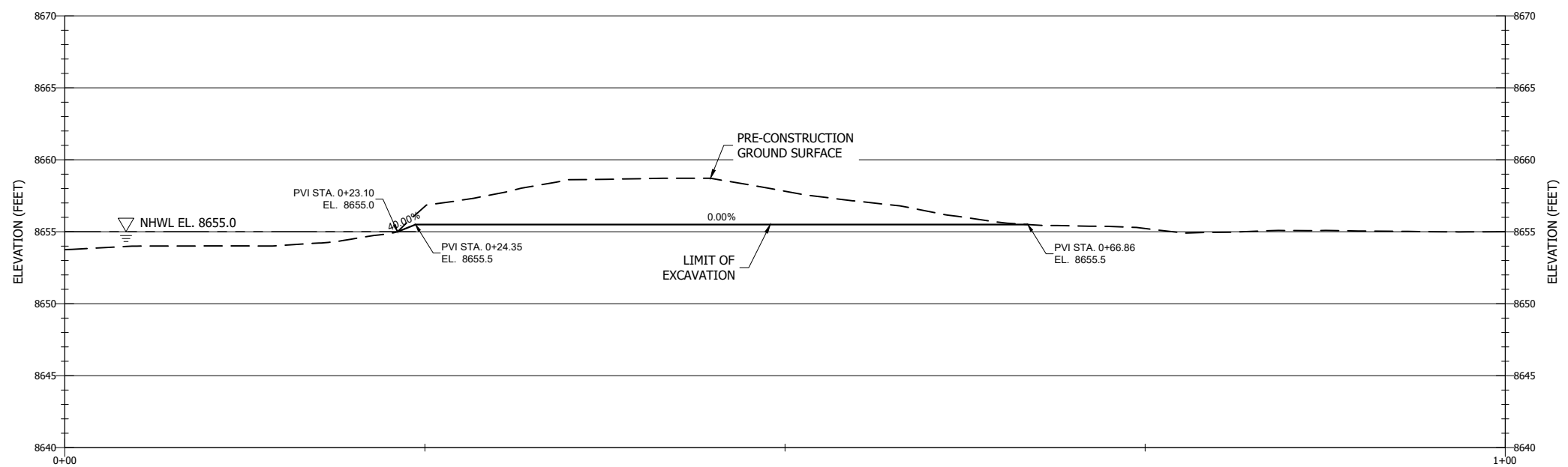
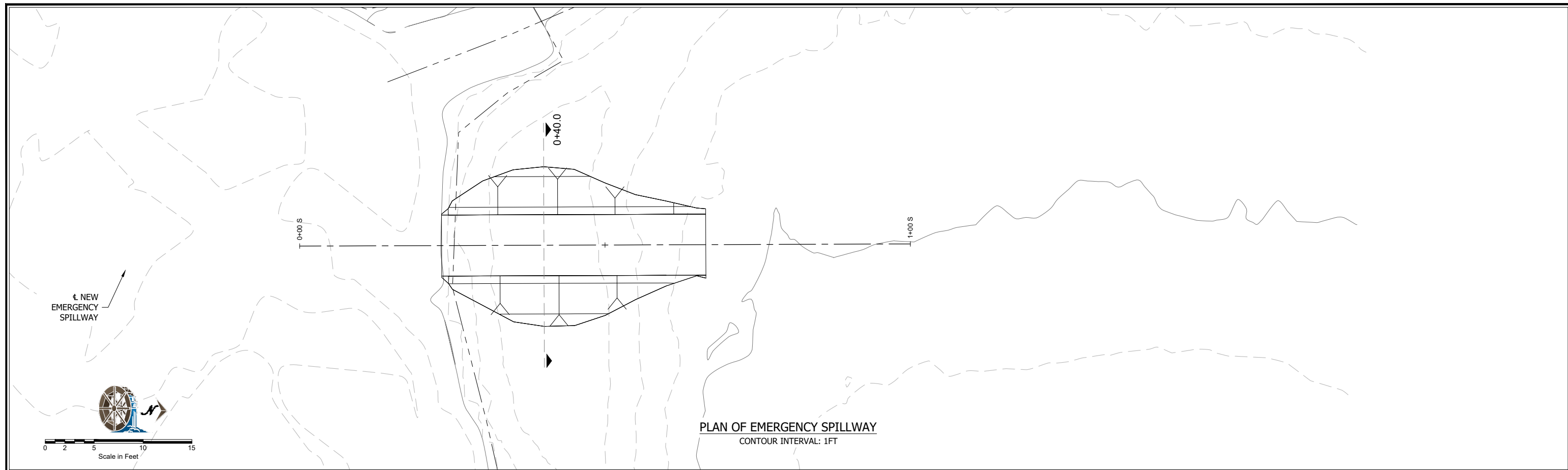
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ROMER RANCH POND  
REHABILITATION DESIGN  
OUTLET WORKS FILTER DIAPHRAGM  
DETAILS

CLIENT		
DESIGN	JTC	WHEELER NO. 1923.01.00
DRAWN	SAA	SHEET NO. 11 of 14
CHECK	TSS	DRAWING NO. C-7
PLOT DATE	10/27/2025	



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NO.	DATE	MADE	CHECKED	REMARKS
1	10/25	JTC	TSS	ISSUED FOR CONSTRUCTION

REFERENCE	SHEET NO.	DRAWING NO.	TITLE

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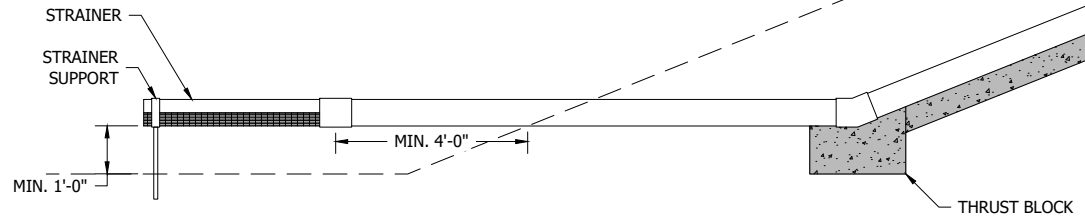
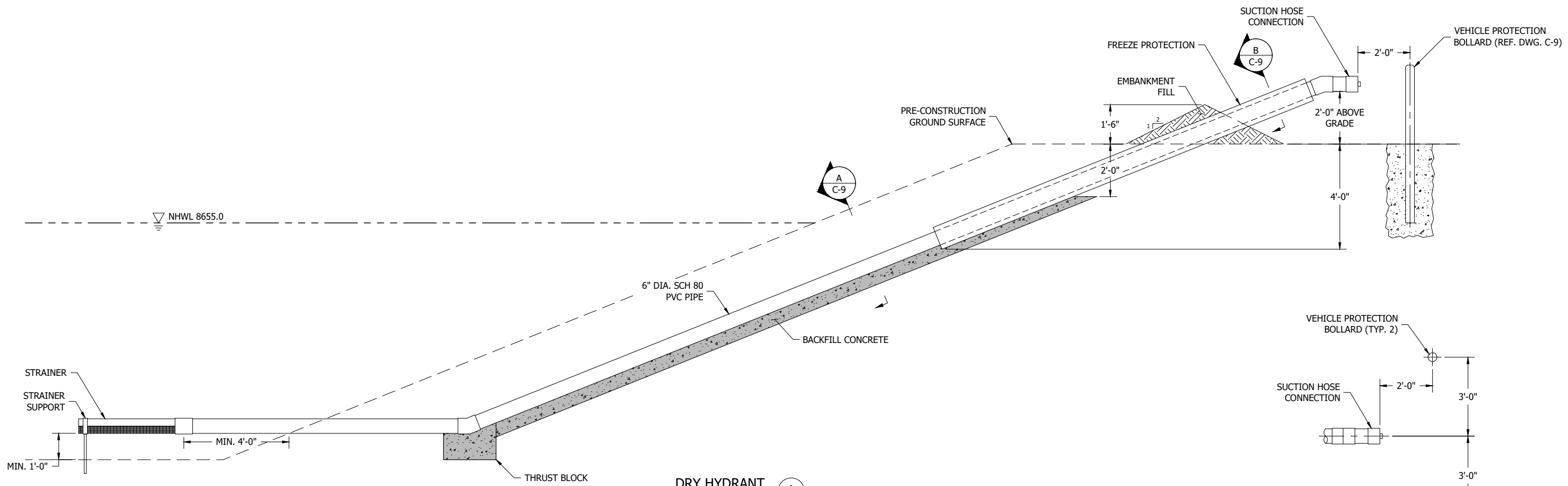
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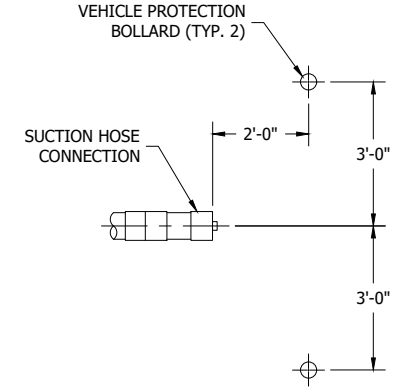
**ROMER RANCH POND**  
REHABILITATION DESIGN  
EMERGENCY SPILLWAY  
PLAN, PROFILE, AND SECTION

CLIENT		
FIRE ADAPTED BAILEY		
DESIGN	JTC	WHEELER NO. 1923.01.00
DRAWN	SAA	SHEET NO. 12 of 14
CHECK	TSS	DRAWING NO. C-8
PLOT DATE		10/27/2025

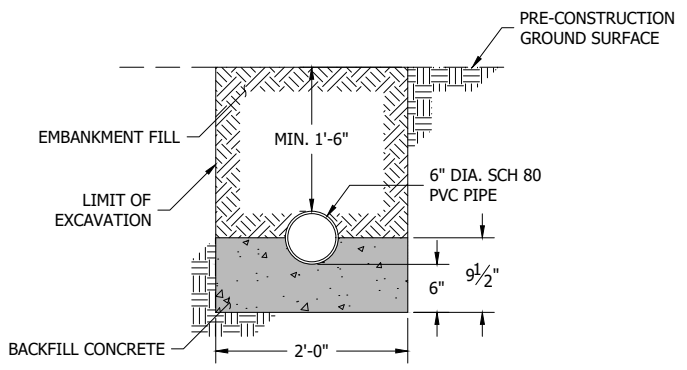
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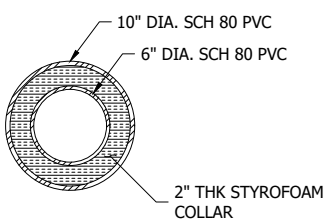
**DRY HYDRANT**  
DETAIL  
Scale in Feet



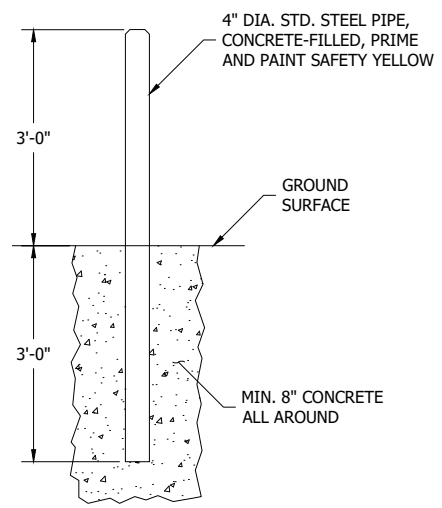
**VEHICLE PROTECTION**  
DETAIL PLAN  
Scale in Feet



**DRY HYDRANT TRENCH**  
TYPICAL SECTION  
Scale in Feet



**DRY HYDRANT FREEZE PROTECTION**  
TYPICAL SECTION  
Scale in Inches



**VEHICLE PROTECTION BOLLARD**  
TYPICAL DETAIL  
Scale in Feet

NO.	DATE	MADE	CHECKED	REMARKS
1	10/25	JTC	TSS	ISSUED FOR CONSTRUCTION

REFERENCE	SHEET NO.	DRAWING NO.	TITLE

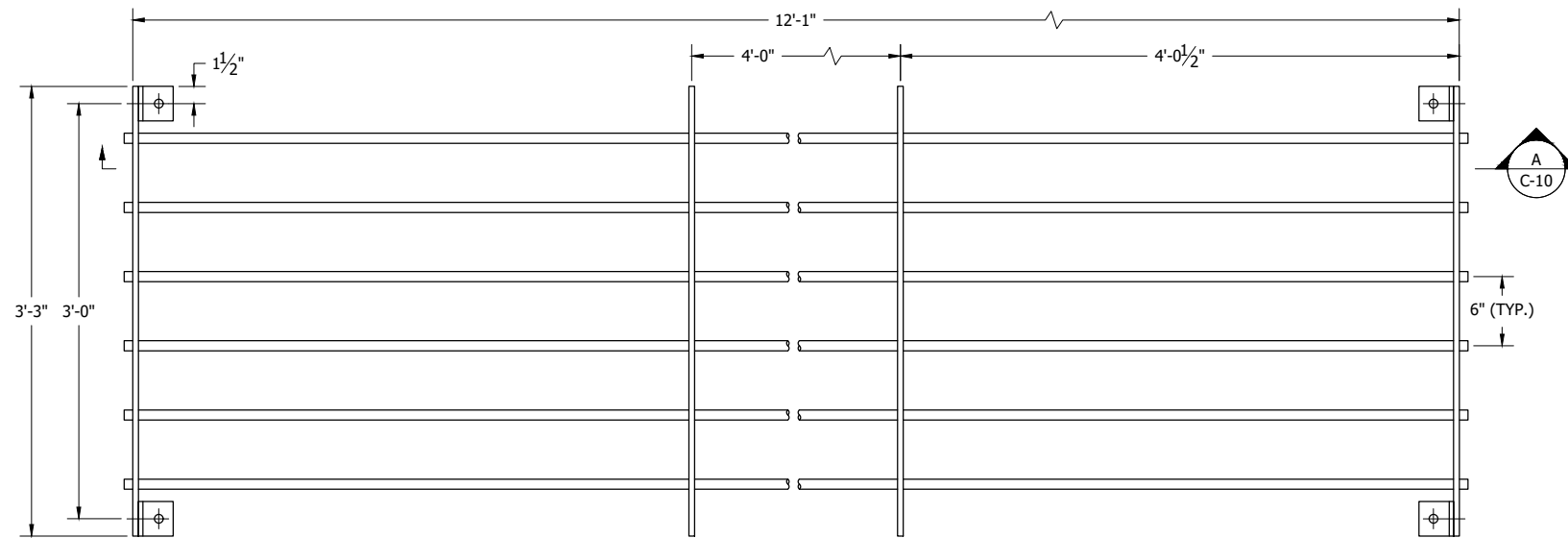
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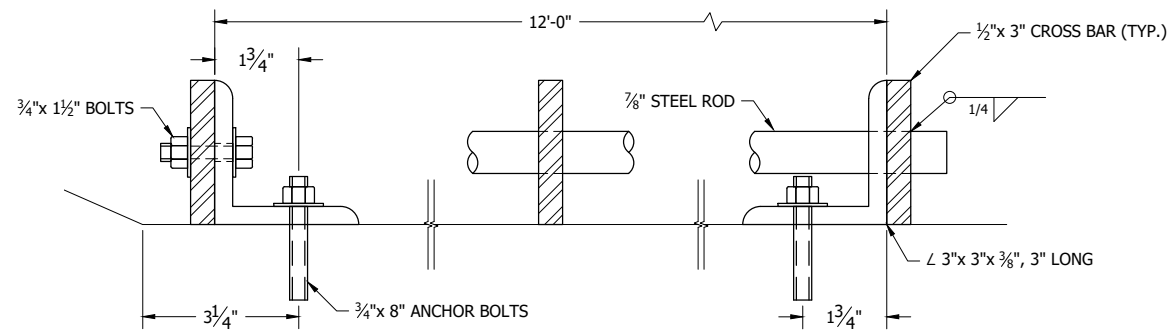
**ROMER RANCH POND**  
REHABILITATION DESIGN  
**DRY HYDRANT**  
DETAILS

CLIENT		
FIRE ADAPTED BAILEY		
DESIGN	JTC	WHEELER NO. 1923.01.00
DRAWN	SAA	SHEET NO. 13 of 14
CHECK	TSS	DRAWING NO. C-9
PLOT DATE	10/27/2025	

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**INTAKE STRUCTURE TRASH RACK** (1)  
DETAIL (C-6)  
Scale in Inches: 0, 4, 8, 16, 24



**INTAKE STRUCTURE TRASH RACK** (A)  
SECTION (C-10)  
Scale in Inches: 0, 1, 2, 4, 6

NO.	DATE	MADE	CHECKED	REMARKS
1	10/25	JTC	TSS	ISSUED FOR CONSTRUCTION

REFERENCE	SHEET NO.	DRAWING NO.	TITLE

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3700 S. INDA STREET | ENGLEWOOD, CO 80110-3405  
303-761-4130

**ROMER RANCH POND**  
REHABILITATION DESIGN  
TRASH RACK  
DETAIL AND SECTION

CLIENT		
FIRE ADAPTED BAILEY		
DESIGN	JTC	WHEELER NO. 1923.01.00
DRAWN	SAA	SHEET NO. 14 of 14
CHECK	TSS	DRAWING NO. C-10
PLOT DATE 10/27/2025		