



Water Resource Recovery Facility Project Updates
Board of Directors Meeting
April 16, 2026

www.heritageranchcsd.ca.gov

Project Scope

The contractor is currently working on submittals. A summary as of April 1, 2026 is:

- Submittals = 43
- Requests for Information = 11
- General Correspondence = 2
- Contract Change Orders = 0



A B C D E F G H



LOT 143, TRACT 721
COC 2002-004219

NOTES

1. REMOVE AND REPLACE CHAIN LINK FENCING AS NEEDED TO INSTALL NEW CONCRETE V-DITCH.

PATTERN LEGEND

NEW	EXISTING	
		AB
		CONCRETE

POND 1 DRAIN
MANHOLE
SEE DET
4/C903
SEE NOTE 1

SSMH-1
SEE DET
4/C903
SSMH-2
SEE DET
4/C903
SSMH-3
SEE DET
4/C903

INFLUENT LIFT
STATION
SEE M100

CAL FIRE SLO COUNTY
FIRE STATION 33

SOLAR PANELS

BOLLARD (TYP)
SEE DET 6/C900

STANDBY GENERATOR

PACKAGE MSR
TREATMENT PLANT
SEE SHEET M200

ELECTRICAL SERVICE
MAIN SWITCHBOARD MSB

PQ&E
TRANSFORMER

V-DITCH
SEE DET 4/C900
AND NOTE 1

PACKAGE
DEWATERING SYSTEM
SEE SHEET M400

EXISTING
PQ&E TRANSFORMER

LABORATORY

12' X 8'
REPAIR APRON

FUELING
STATION

PIPE STORAGE
SHED

EXISTING
CHLORINE INJECTION

REPLACE EXISTING
CHLORINE DOSING PUMP
WITH NEW PUMP SYSTEM
SEE SHEET M500

CHLORINE
CHEMICAL
STORAGE

MAINTENANCE
SHED

EQUIPMENT
SHED

SSMH-4
SEE DET
4/C903

EFFLUENT STORAGE
TANK AND PUMP
STATION SEE M300

RELOCATED
HOUSEHOLD
HAZARDOUS
WASTE FACILITY

HERITAGE RD

BLACK HORSE LN

OVERALL SITE PLAN
SCALE: 1"=50'-0"

HydroScience
10569 OLD PLACERVILLE RD
SACRAMENTO, CA 95827
OFFICE: (916) 364-1490 www.hydroscience.com

PAPER SIZE: 22X34
(ANSI D)
THIS BAR IS 1 INCH
AT FULL SCALE.
IF NOT, SCALE
ACCORDINGLY.

JOB NO.: 500-202
DATE: 06/20/2024
DRAWN BY: JOF
DESIGNED BY: JOF
PROJ. MGR.: CML

REV	DESCRIPTION	DATE	APVD

HERITAGE RANCH
COMMUNITY SERVICES
DISTRICT

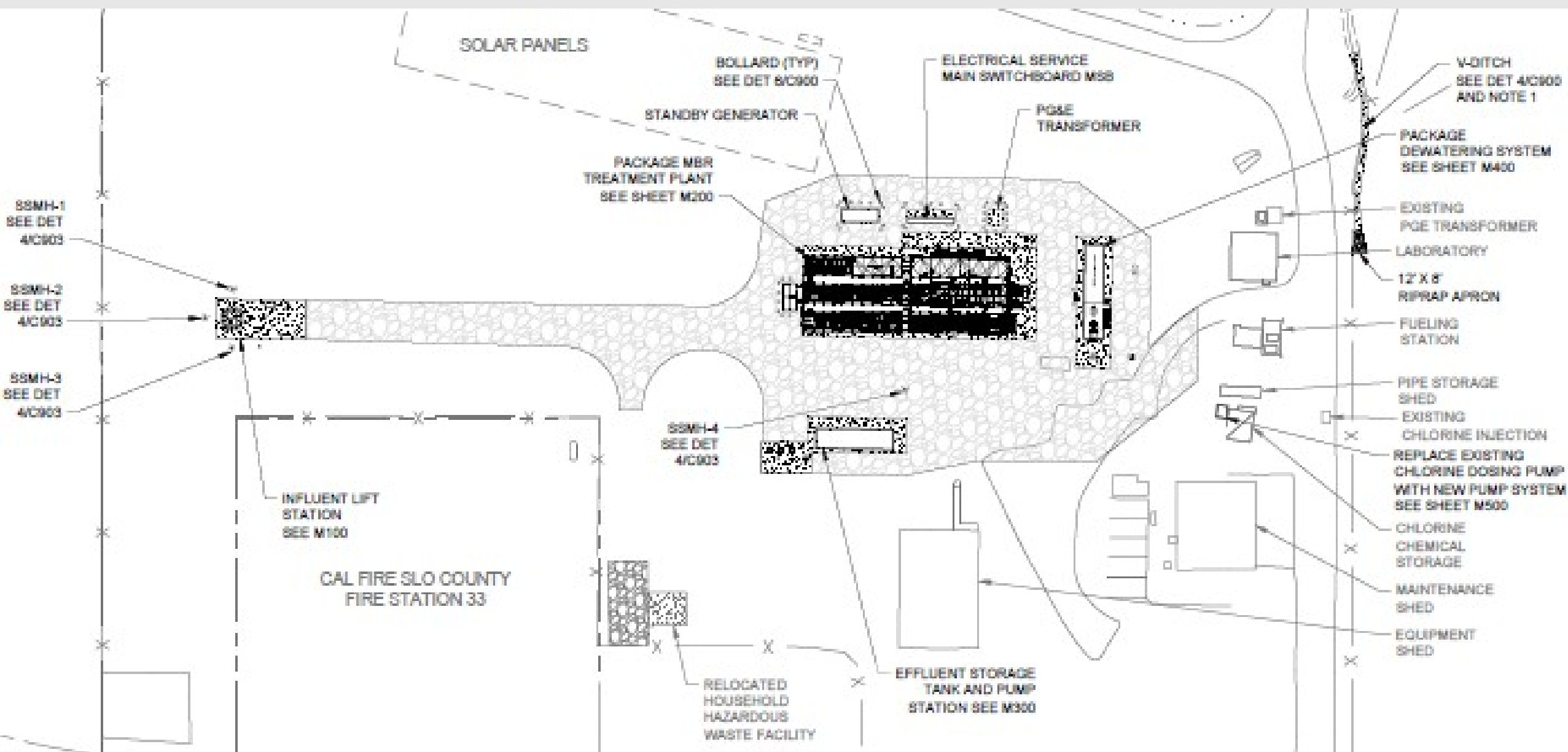
HERITAGE RANCH WRRF

OVERALL IMPROVEMENT PLAN



C001
DRAWING NUMBER
SHEET 9 OF 88

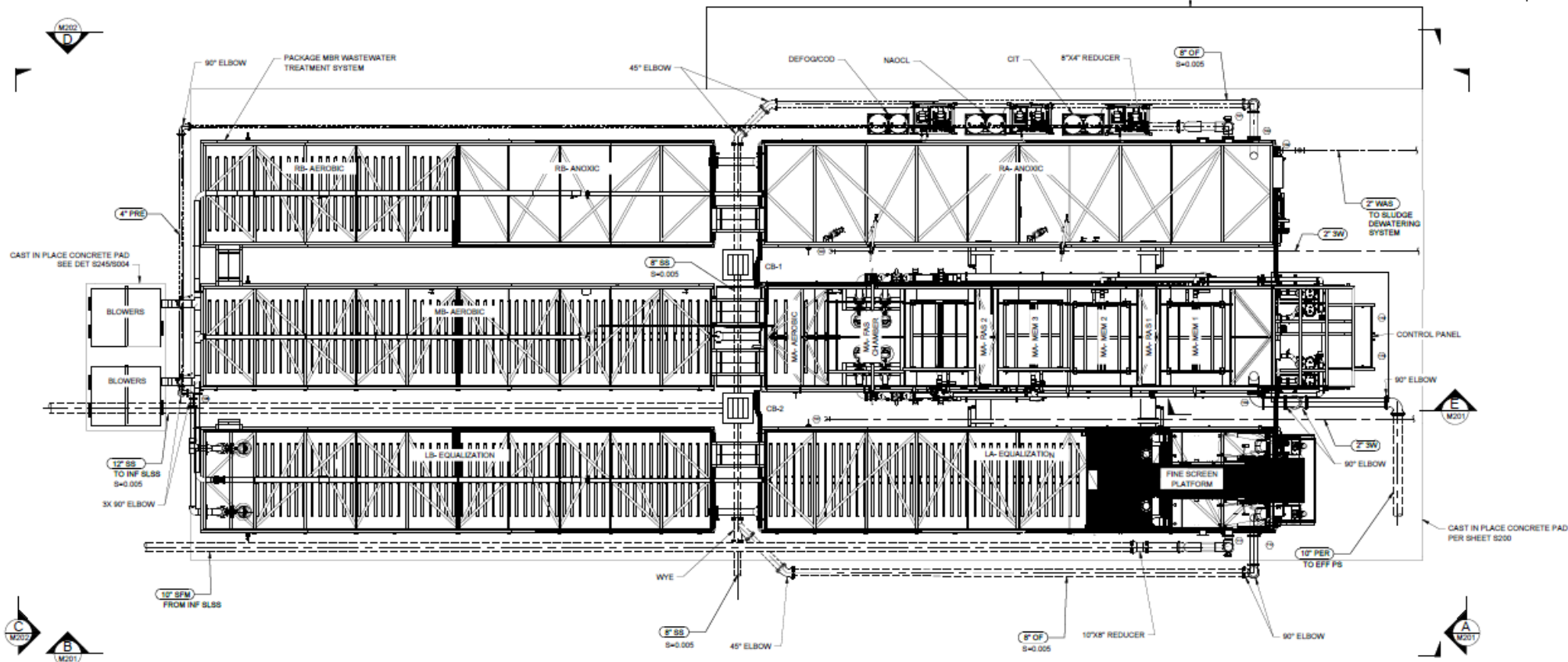
A B C D E F G H



NOTES

- COORDINATE WWTP FACILITY UTILITY TIE-INS WITH THE PACKAGED MANUFACTURER GENERAL ARRANGEMENT AND TIE-IN SCHEDULE. COORDINATE SIZE AND PIPING TYPE WITH PACKAGED TREATMENT PLANT OEM PRIOR TO CONSTRUCTION. CONTRACTOR TO PROVIDE FACTORY MBR BASIN DRAINS W/ CAM-LOCK QUICK CONNECT FITTINGS FOR DRAINAGE OF THE PACKAGED MBR SYSTEM VIA FLEXIBLE HOSE TO THE NEAREST CATCH BASIN. ALL DRAIN NOZZLES SHALL HAVE FACTORY PROVIDED BRONZE ISOLATION VALVES.
- VERTICAL TRANSITION RISER & SWING JOINTS SHALL BE RIGID PIPING THROUGH CONCRETE. CONSTRUCT RISER PER TYP DET 1M804. RIGID DIP PIPING SHALL HAVE CERAMIC EPOXY LINING AND ASPHALTIC EXTERIOR COATING.
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- MBR FOUNDATION, CONCRETE, AND SUPPORTING EARTHWORK SHALL BE IN ACCORDANCE WITH THESE PLANS AND THE GEOTECHNICAL REPORT.
- DUMPSTER, NOT SHOWN, SHALL BE PROVIDED BY OTHERS.

MBR EQUIPMENT TIE-POINT TABLE			
CONNECTION NO.	PIPE SIZE	PROCESS	TYPE OF CONNECTION
101	8"	INF (WW INLET R)	FLANGE
102	8"	D (OVERFLOW R)	FLANGE
103	10"	PRM (OUTLET)	FLANGE
104	2"	WAS (OUTLET)	FLANGE
106	4"	PRE (EQ TO INF)	FLANGE
107	1 1/2"	RW (3W INLET)	FLANGE
111	8"	INF (WW INLET L)	FLANGE
112	8"	D (OVERFLOW LA)	FLANGE
118	SEE ELECT PLANS	E (POWER)	SLIP/OPEN CONDUIT



MBR FACILITY PLAN
SCALE: 3/16" = 1'-0"

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PAPER SIZE: 22X34
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JOB NO.: 500-002
DATE: 06/05/2023
DRAWN BY: JGF
DESIGNED BY: JGF
PROJ. MGR.: CML

REV	DESCRIPTION	DATE	APVD

HERITAGE RANCH
COMMUNITY SERVICES
DISTRICT

HERITAGE RANCH WRRF

WWTP MEMBRANE
BIOREACTOR
FACILITY PLAN



M200

DRAWING NUMBER

SHEET 23 OF 88

A B C D E F G H

6

5

4

3

2

1

6

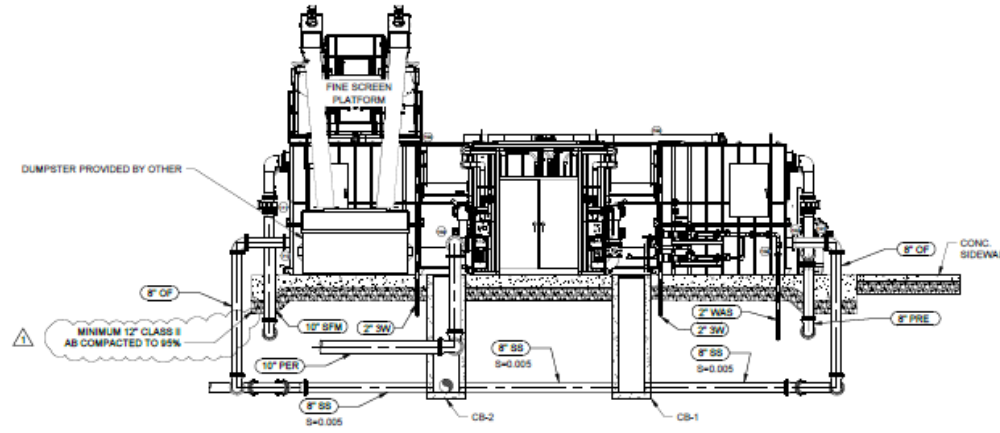
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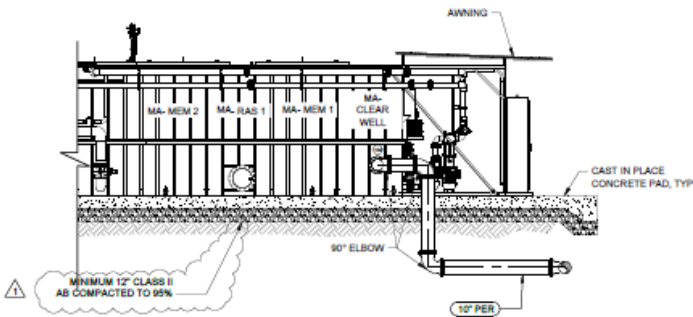
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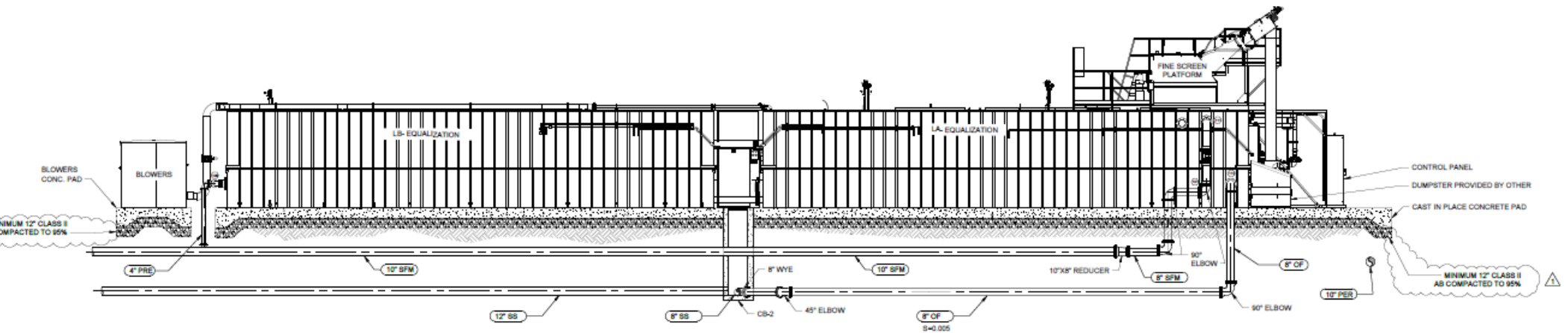
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SECTION A
SCALE: 3/16" = 1'-0"
M200



SECTION E
SCALE: 3/16" = 1'-0"
M200



SECTION B
SCALE: 3/16" = 1'-0"
M200

NOTES

- COORDINATE WWTP FACILITY UTILITIES WITH THE PACKAGED MANUFACTURER GENERAL ARRANGEMENT AND TIE-IN SCHEDULE. COORDINATE SIZE AND PIPING TYPE WITH PACKAGED TREATMENT PLANT OEM PRIOR TO CONSTRUCTION. CONTRACTOR TO PROVIDE FACTORY MBR BASIN DRAIN W/ CAMLOCK QUICK CONNECT FITTINGS FOR DRAINAGE OF THE PACKAGED MBR SYSTEM VIA FLEXIBLE HOSE TO THE NEAREST CATCH BASIN. ALL DRAIN NOZZLES SHALL HAVE FACTORY PROVIDED BRONZE ISOLATION VALVES.
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JOB NO.: 500-002
DATE: 06/02/2025
DRAWN BY: AMK/KF
DESIGNED BY: JKF
PROJ. MGR.: CML

CONFORMED SET - BID ADDENDUM 4		11/2025
REV	DESCRIPTION	DATE

HERITAGE RANCH
COMMUNITY SERVICES
DISTRICT

HERITAGE RANCH WRRF

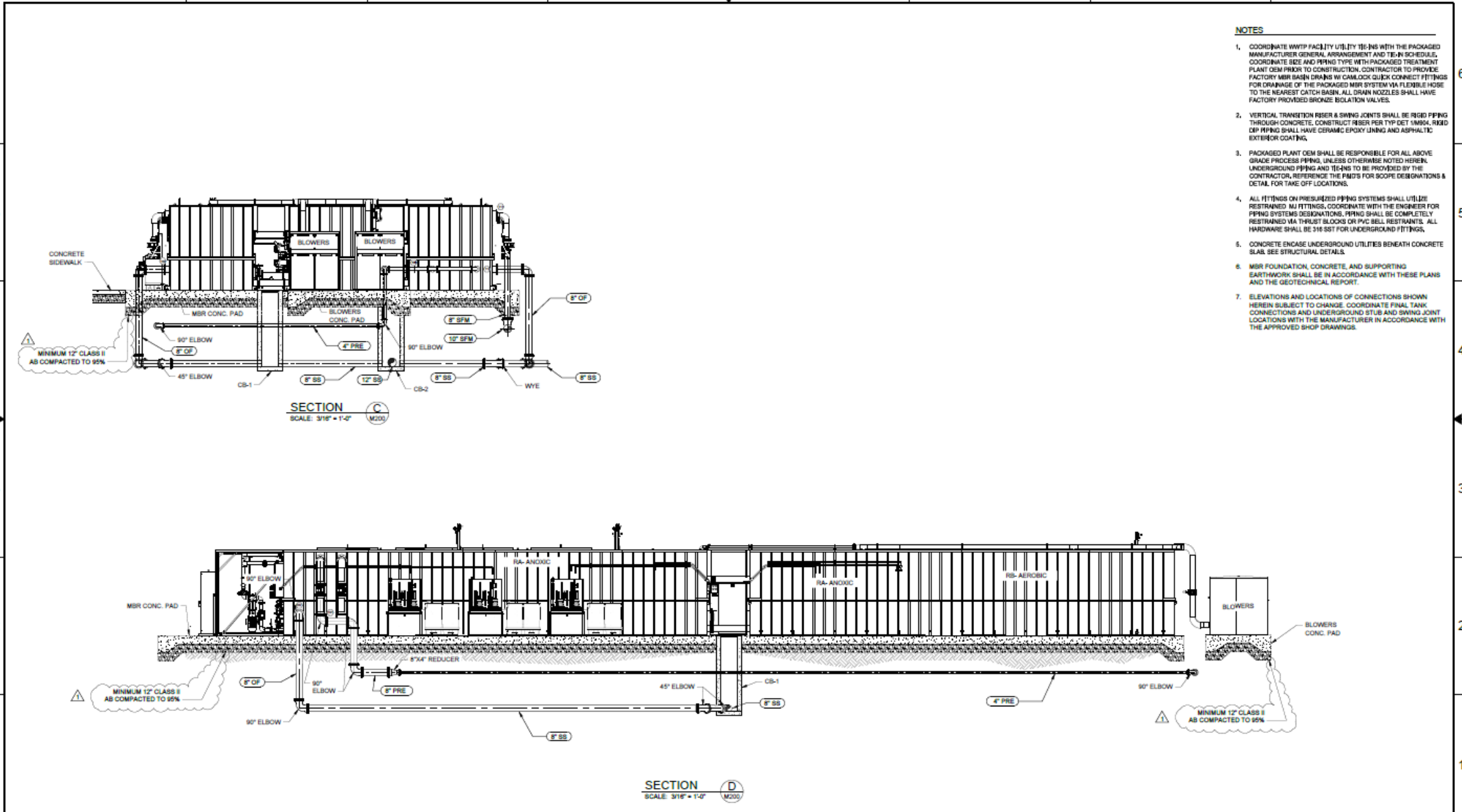
WWTP MEMBRANE
BIOREACTOR
SECTIONS

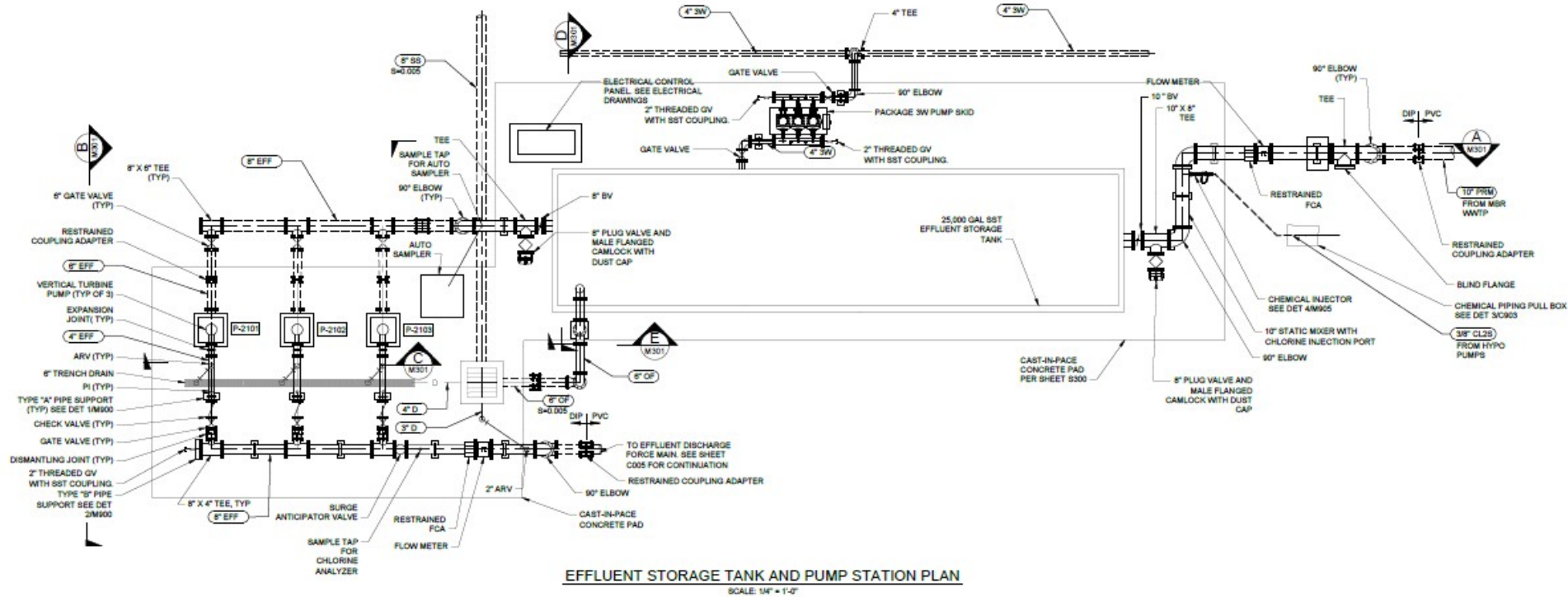


M201
DRAWING NUMBER

SHEET 24 OF 88

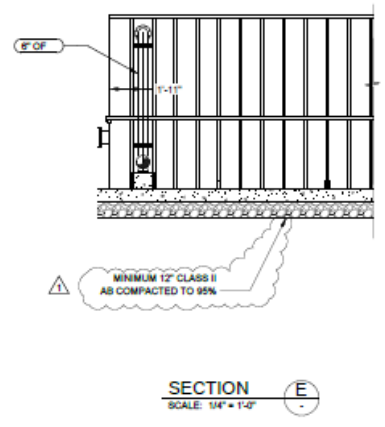
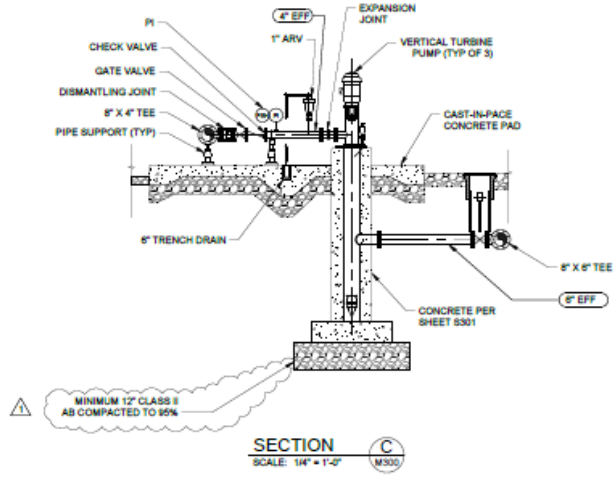
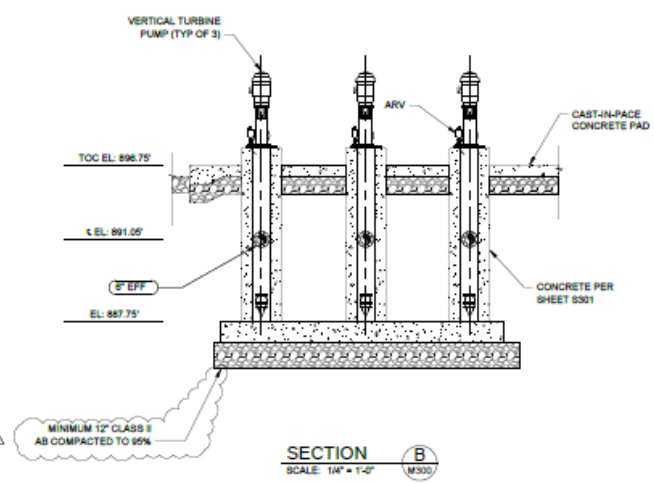
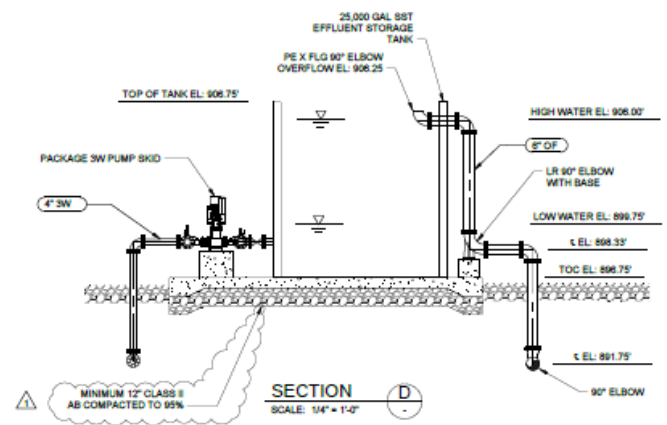
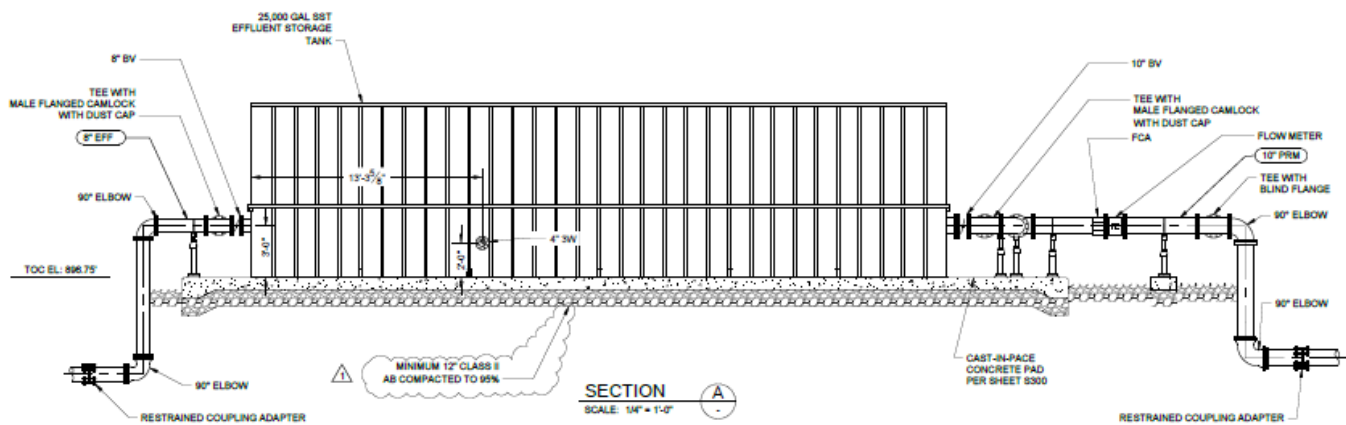
A B C D E F G H





EFFLUENT STORAGE TANK AND PUMP STATION PLAN
SCALE: 1/4" = 1'-0"

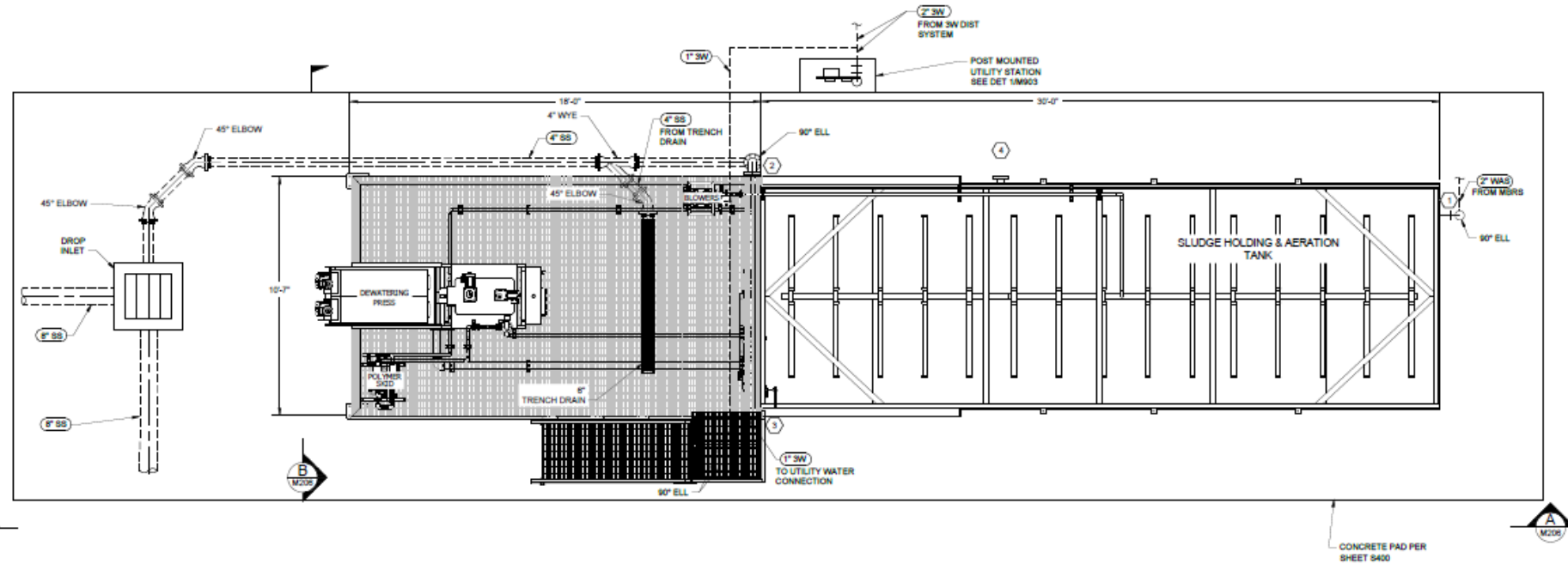
REV	DESCRIPTION	DATE	APVD



NOTES

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- DUMPSTER (NOT SHOWN) SHALL BE SUPPLIED BY THE OWNER.

TIE-IN LIST		
TIE-IN #	LINE IDENTIFICATION	PROCESS
(1)	2"-Sch 80 PVC-WAS-5004	WAS INLET FROM MEMPHAC-M
(2)	4"-Sch 80 PVC-OR	PRESSATE OUTLET TO DRAIN
(3)	1"-Sch 80 PVC-LW	UTILITY WATER INLET
(4)	3"-OR	TANK DRAIN OUTLET
(5)	2" CONDUIT	POWER INLET
(6)	2" CONDUIT	COMMUNICATIONS INLET



SLUDGE DEWATERING SYSTEM PLAN
SCALE: 3/8" = 1'-0"

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JOB NO.: 505-002
DATE: 06/02/2025
DRAWN BY: NV
DESIGNED BY: KOFNV
PROJ. MGR.: CML

REV	DESCRIPTION	DATE	APVD

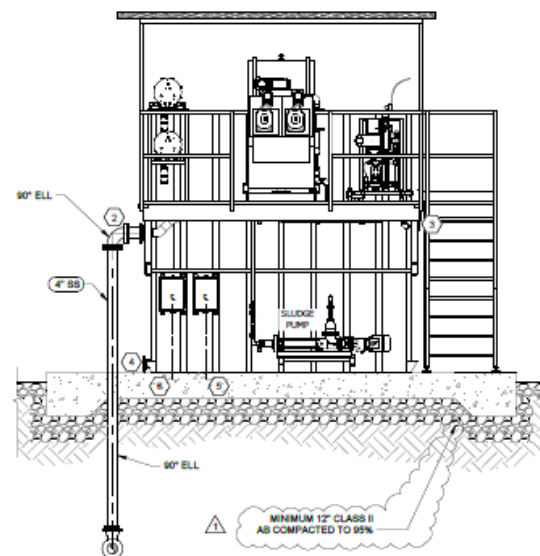
HERITAGE RANCH
COMMUNITY SERVICES
DISTRICT

HERITAGE RANCH WRRF

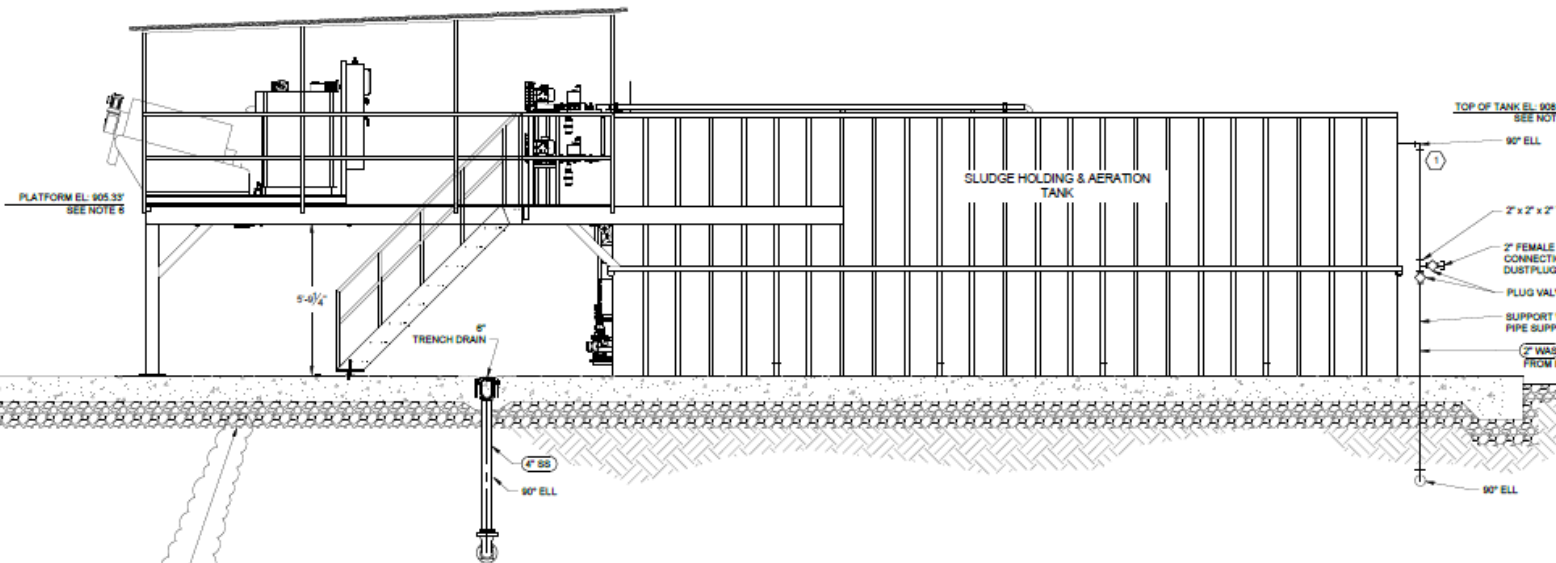
WWTP SLUDGE
DEWATERING SYSTEM
PLAN



M400
DRAWING NUMBER
SHEET 26 OF 88



SECTION
SCALE: 3/8" = 1'-0"



SECTION
SCALE: 3/8" = 1'-0"

TIE-IN LIST		
TIE-IN #	LINE IDENTIFICATION	PROCESS
(1)	2"-Sch 80 PVC-WAS-8004	WAS INLET FROM MEMPAC-M
(2)	4"-Sch 80 PVC-DR	PRESSURIZED OUTLET TO DRAIN
(3)	1"-Sch 80 PVC-UW	UTILITY WATER INLET
(4)	3"-DR	TANK DRAIN OUTLET
(5)	2" CONDUIT	POWER INLET
(6)	2" CONDUIT	COMMUNICATIONS INLET

NOTES

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- DUMPSTER (NOT SHOWN) SHALL BE SUPPLIED BY THE OWNER.

Project Schedule

The construction Contract Time is on schedule. The current 3 Week Look Ahead Schedule is attached. A summary as of April 1, 2026 is:

- Original Contract Time = 545 Days = (Completion 8/25/2027)
- Adjustment to Days = 0
- Updated Contract Time = 545 Days
- Contract Time completed = 34 Days
- Contract Time completed = 6.2%



W.M. Lyles Co.
Heritage Ranch WRRF Improvement Project - 3 Week Look Ahead Schedule

W.M. Lyles Co.
Heritage Ranch WRRF Improvement Project - 3 Week Look Ahead Schedule

4/20/2026

Current Week					
M	T	W	TH	F	Sa

[illegible]

Week 2					
M	T	W	TH	F	Sa

Week 3					
M	T	W	TH	F	Sa

[illegible]

Project Budget

The construction Contract Price is within budget. A summary as of April 1,2026 is:

- Original Contract Price = \$14,560,000
- Adjustment to Contract Price = \$0
- Updated Contract Price = \$14,560,000
- Contract Price performed = \$0
- Contract Price performed = 0%



Overall Project Budget

A summary of the overall Project budget as of April 1, 2026 is:

- Total Budget = \$22,752,000
- Total Used = \$3,618,405
- Balance = \$19,133,595





This item is receive and file.

Questions?