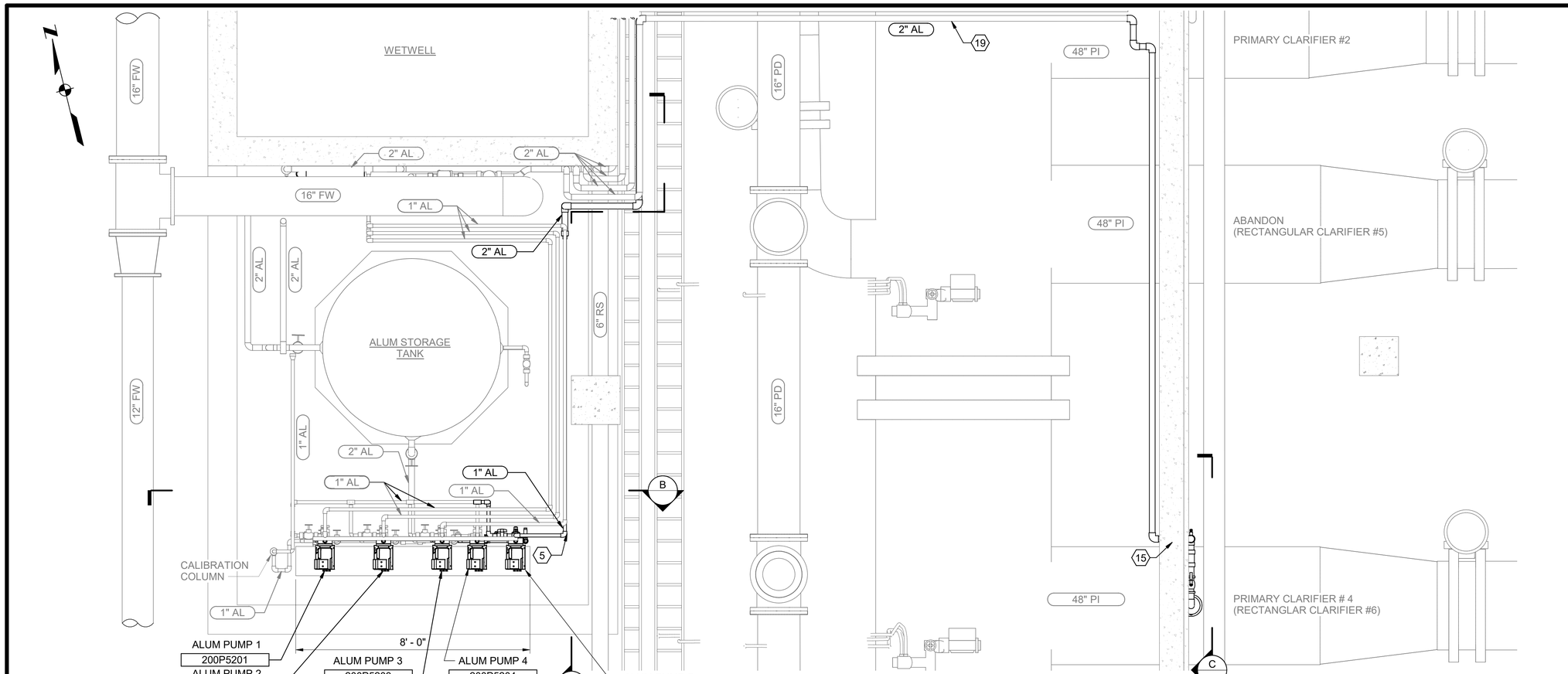
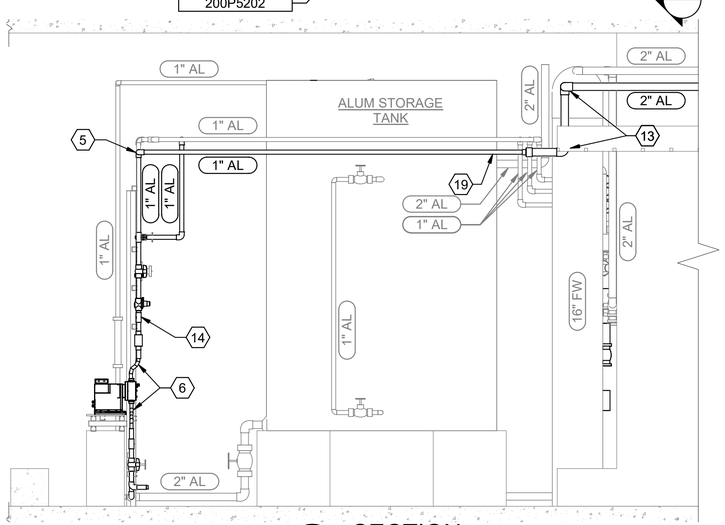
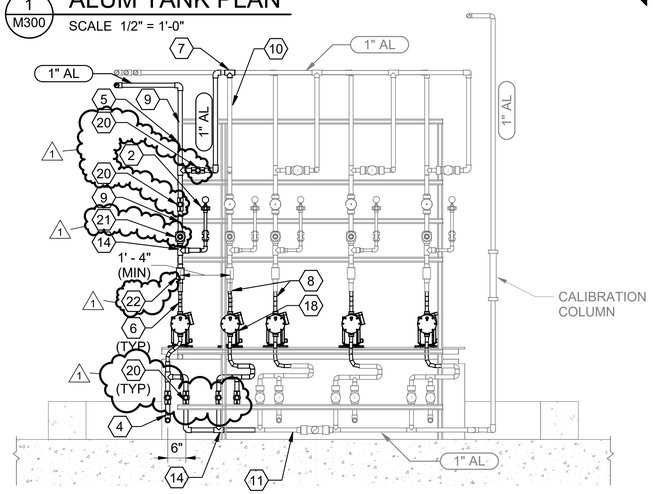


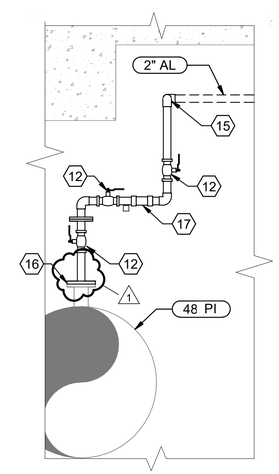
1 M300 ALUM TANK PLAN
SCALE 1/2" = 1'-0"



A SECTION
SCALE 1/2" = 1'-0"



B SECTION
SCALE 1/2" = 1'-0"



C SECTION
SCALE 1/2" = 1'-0"

SHEET KEYNOTES

1. NOT USED
2. PRESSURE INDICATOR (310PI5205), WITH DIAPHRAGM SEAL
3. NOT USED
4. 1" FLUSHING CONNECTION
5. 1" PVC PIPE
6. 1" FLEXIBLE EPDM PIPE
7. TIE INTO EXISTING ALUM RECYCLED LINE. REMOVE EXISTING 90º BEND REPLACE WITH 1" PVC TEE.
8. ADJUST FLEXBILE PIPING TO CONNECT TO RELOCATED PUMPS. INSTALL ADDITIONAL FLEXIBLE PIPING IF NEEDED FOR CONNECTION.
9. ATTACH PVC PIPE TO UNISTRUT WTH BRACKET, EXTEND UNISTRUT FRAMING SYSTEM IF NEEDED FOR PIPE SUPPORT.
10. CONTRACTOR TO ADJUST LOCATION OF EXISTING PIPING AS NEEDED FOR PROPOSED PIPING INSTALLATION.
11. CUT INTO EXISTING PIPE. MOVE ASSEMBLY AS NEEDED TO INSTALL PROPOSED PUMP AND PIPING
12. 2" PVC BALL VALVE
13. 2" PVC 90º BEND
14. 1" PVC TEE
15. PIPE PENETRATION TYPE X3 FOR 2" ALUM PIPE
16. CONNECT 2" AL TO FLANGE. TIE INTO 48" PI
17. 2" PVC BALL CHECK VALVE
18. SHIFT LOCATION OF PUMPS AS NEEDED TO PLACE FIVE PROPOSED PUMPS ON PLATFORM. ALLOW AT LEAST 1'-3 1/2" BETWEEN DISCHARGE PIPING.
19. ATTACH PIPE TO EXISTING CEILING UNISTRUT
20. 1" BALL VALVE
21. 1" BACK PRESSURE REGULATING VALVE, SELF CONTAINED
22. 1" UNION

DRN: KRC	ORIG DATE: NOVEMBER 2021				
DSN: AEL	DWG #: M332				
CHK: CLW	CAD FILE #: 1876008.13-M-RC-CLAR.rvt				
APPD: CLW	SCALE: 1/2" = 1'-0"				
		1	3/10/2023	KRC	JO	ADDENDUM #1
		REV #	DATE	DRN	APPD	DESCRIPTION

THIS BAR IS ONE INCH WHEN DRAWING IS FULL SCALE.

CleanWater Services
2550 SW Hillsboro Hwy. Hillsboro, Oregon 97123-9379

PROJ NAME: ROCK CREEK AWWTF PRIMARY CLARIFIER NO. 4 TREATMENT EXPANSION
Kennedy Jenks

SHEET TITLE: MECHANICAL ALUM TANK PLAN AND SECTIONS

SHEET: 123 OF: 174
PLOT DATE: 01/2023
PLC #: NA
CWS PROJ #: 7012

DWG #: M332

ENGR STAMP: REGISTERED PROFESSIONAL ENGINEER 93889PE DIGITALLY SIGNED OREGON MAR 09, 2021 JANA OTERO
EXPIRES: 12/31/24

100% SUBMITTAL
(FOR BID)

File: pw:\\kjce-pw.bentley.com:kjce-pw\Documents\Clients\Clean Water Services, County of WA\Projects\Rock Creek Primary Clarifier Final Design_1876008.13\10-Design\10.06-Drawings\Mechanical\Models\1876008.13-M-RC-CLAR.rvt
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By: Kennedy Jenks