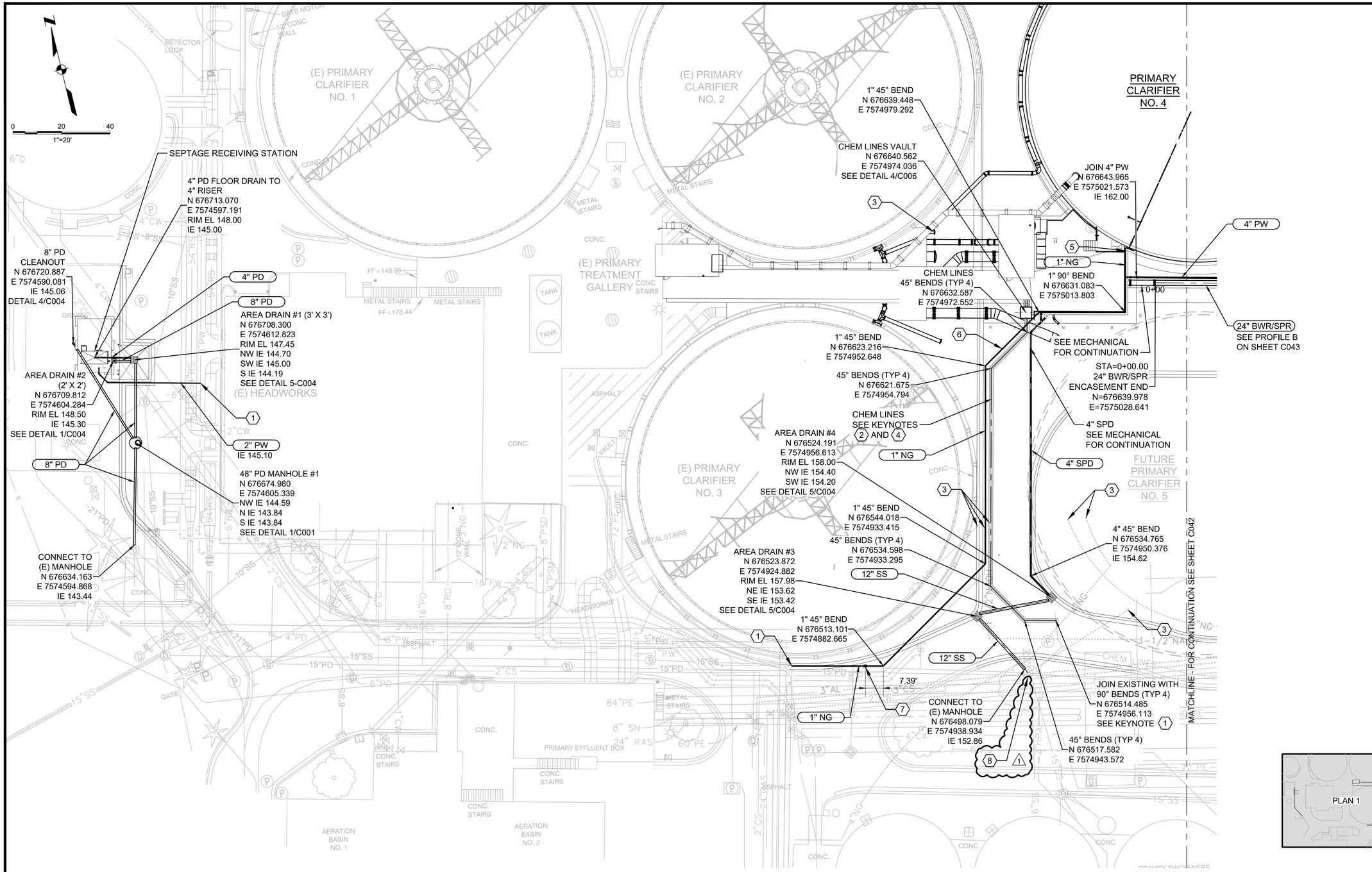


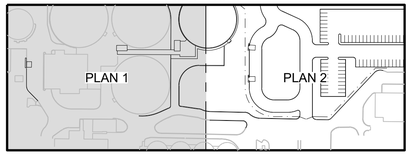
GENERAL NOTES

1. NATURAL GAS REALIGNMENT TO BE COORDINATED WITH NW NATURAL.
2. WHERE VALVES ARE BURIED, PROVIDE VALVE BOX AS SHOWN ON DETAIL 3/C001.
3. SEE DETAIL 2/C001 FOR TRENCH EXCAVATION REQUIREMENTS.
4. SEE SHEET M001 FOR GENERAL PIPING REQUIREMENTS.
5. PROVIDE CONCRETE SUPPORTS AT PIPE CROSSINGS AS SHOWN ON DETAIL 4/C001.
6. PROVIDE PIPE DETECTION RIBBON AS SHOWN ON DETAIL 1/C007.
7. SEE M301 FOR CATHODIC PROTECTION REQUIREMENTS IN THIS AREA.

SHEET KEYNOTES

1. CONNECT TO EXISTING. FIELD VERIFY LOCATION, EXISTING PIPE SIZE, BOTTOM OF PIPE, AND DEPTH.
2. CHEM LINES CONSIST OF 2" AL, 1 1/2" NAOH, 2" NAOCL, AND 2" HPA.
3. INSTALL PERMANENT CAP OR PLUG AND ABANDON EXISTING PIPING. SEE SPECIFICATION 02050 FOR DETAILS.
4. CHEM LINES SHALL BE APPROXIMATELY 2-FEET BELOW GRADE. FIELD VERIFY EXISTING ARRANGEMENT OF CHEM LINES. MATCH EXISTING.
5. 1" NG LINE TO BE ROUTED ABOVE GRADE AND FOLLOW WALL OF SCUM PIT AND CLARIFIER TO MAKEUP AIR UNIT. SEE MECHANICAL FOR CONTINUATION.
6. NG LINE TO BE BETWEEN 18" AND 24" BELOW GRADE. MAINTAIN 12" SEPARATION FROM ALL OTHER UTILITIES.
7. 1" POLYVALVE POLY-GAS ISOLATION VALVE.
8. POTENTIAL DEWATERING DISCHARGE LOCATION, CONTRACTOR'S OPTION. DISCHARGE INTO EXISTING STORMWATER PIPING NETWORK. MAINTAIN ROADWAY ACCESS. (1)

KEY MAP



YARD PIPING PLAN 1

DRN: WAS	ORIG DATE: AUGUST 2020				
DSN: JO	DWG #: C041				
CHK: CLW	CAD FILE #: 187600813-C041				
APPD: CLW	SCALE: AS NOTED				

THIS BAR IS ONE INCH WHEN DRAWING IS FULL SCALE.

REV #	DATE	DRN	APPD	DESCRIPTION
1	03/10/2023	WAS	JO	ADDENDUM #1

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: CIVIL YARD PIPING PLAN 1

SHEET: 39 OF: 174
PLOT DATE: 3/10/23
PLC #: N/A
CWS PROJ #: 7012

DWG #: C041

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

100% SUBMITTAL
(FOR BID)

File: C:\bmskize-pw\d0177830\187600813-C041.dwg TAB:C041
Plotted: 3/10/23 at 1:28pm By: KevinCobabe