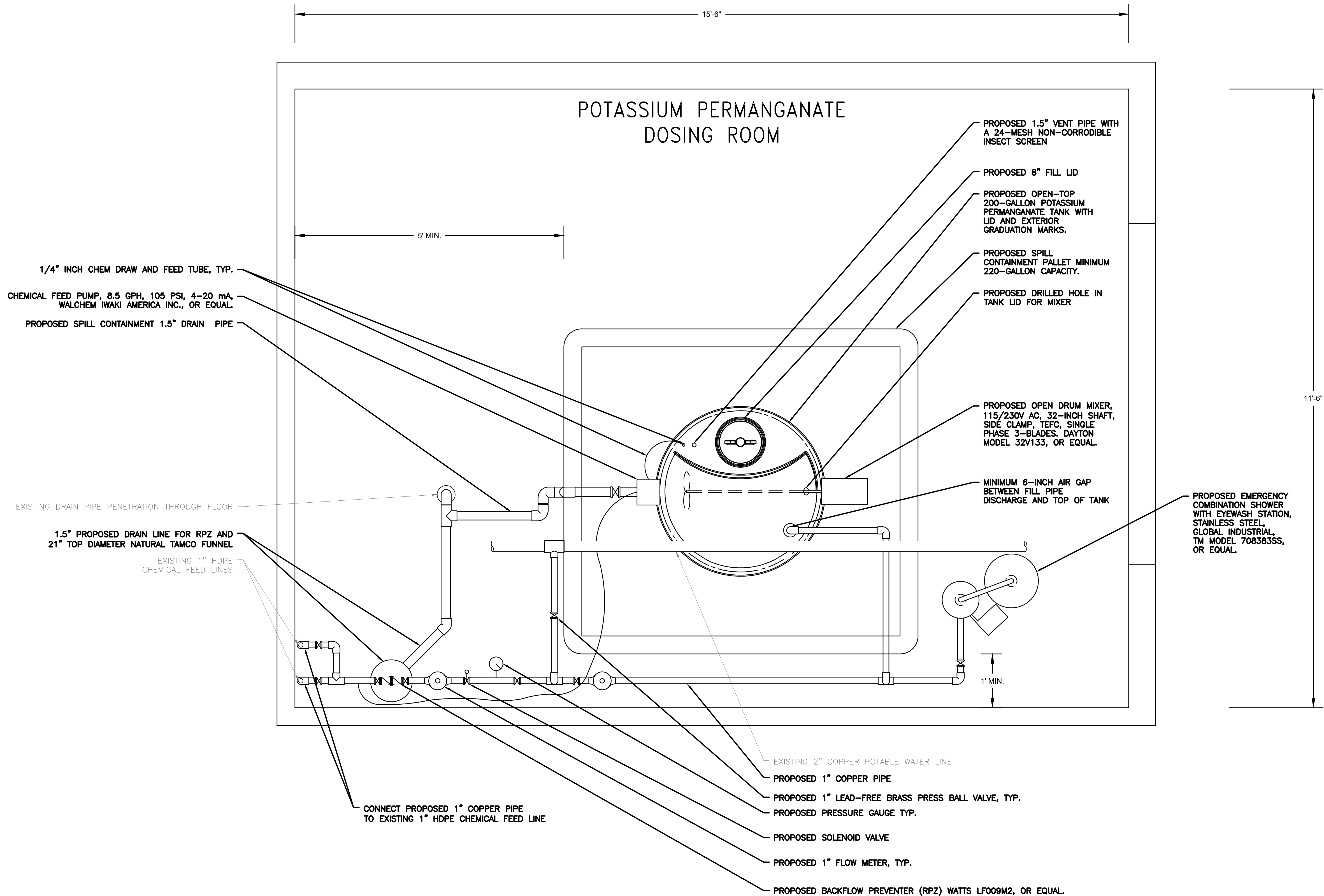


File: H:\DRAWINGS\RHINEBECK\01\2-2496 WPT\C-201 - 203 - PROPOSED FLOOR PLANS & SECTIONS.DWG Sheet: 10/2/2024 10:01:40 AM Plotted: 10/2/2024 10:14:51 AM User: H:\Bates\JstSweBjy.brl



NOTES:
WHEN THE EXISTING RAW WATER PUMPS ACTIVATE, THE SCADA SYSTEM WILL TRANSMIT A SIGNAL, OPENING THE PROPOSED SOLENOID VALVE AND ACTUATING THE PROPOSED CHEMICAL FEED PUMP WHICH WILL OPERATE IN ACCORDANCE WITH THE FLOW RATE DICTATED BY THE PLANT'S INFLUENT TOTAL FLOW READING. THIS PRECISE CONTROL AIMS TO ATTAIN A PERMANGANATE CONCENTRATION IN THE PLANT INFLUENT EQUAL TO 2 PARTS PER MILLION (PPM), UPON DEACTIVATION OF THE RAW WATER PUMPS, THE SOLENOID VALVE WILL CLOSE AND THE CHEMICAL FEED PUMP WILL STOP PUMPING.

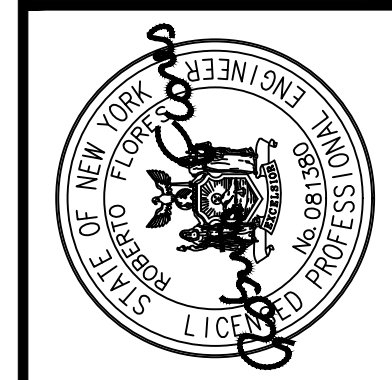
C
C-206

PROPOSED POTASSIUM PERMANGANATE DOSING STATION - PLAN VIEW

SCALE: 1"=1'-0"

DATE: 10/2/2024
DRAWN BY:
SCALE:
REVIEWED BY: RF
PROJECT NO.:
FILE:

**DELAWARE
ENGINEERING, D.P.C.**
CIVIL AND ENVIRONMENTAL ENGINEERING
28 MADISON AVENUE EXTENSION ALBANY, NY 12203 - 518.452.1290
95 SOUTH MAIN ST. ONEONTA, NY 13820 - 607.432.8073
1000 W. STATE ST. ALBANY, NY 12206 - 518.452.1290
8 TOWNSEND STREET WALTON, NY 13856 - 607.865.9235
16 EAST MARKET ST., RED HOOK, NY 12571 - 518.452.1290
548 BROADWAY, MONTECELLO, NY 12001 - 845.791.7777



NO.	DATE	DESCRIPTION
1.	06/21/24	MAY 2024 DOH COMMENTS
2.	10/02/24	SEPT. 24 DOH COMMENTS

RHINEBECK WTP
PLANT IMPROVEMENTS
VILLAGE OF RHINEBECK
DUTCHESS COUNTY, NEW YORK

PROPOSED POTASSIUM
PERMANGANATE
DOSING STATION

SHEET:
C-206

WARNING - IT IS A VIOLATION OF NEW YORK EDUCATION LAW SECTION 7209.2, FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION LAW, SECTION 7209.2.