

File: H:\DRAWINGS\RHINEBECK\032-2496-WTP\03-201 - 203 - PROPOSED FLOOR PLANS & SECTIONING.dwg Sheet: 10/2/2024 10:01:40 AM Plotted: 10/2/2024 10:14:06 AM User: rls Brodes LastSaveBy: brodesl

NEW 12" N-12 HDPE ADS WASTE PIPE. CONNECT TO PROPOSED CB

PROVIDE BOLLARDS

4" SCHEDULE 80 PVC

PROPOSED FRENCH DRAIN

PROVIDE BOLLARDS

REPLACE EXISTING (2) BLOWERS IN KIND,
AMETEK MODEL DRS7X72.
REPLACE EXISTING MOTORS IN KIND,
EG&G ROTRON 3-PHASE 0.5 HP 60HZ,
203-230/460V. REPLACEMENT TO INCLUDE
MUFFLERS AND SILENCERS.
REPLACE BROKEN 3" SCH-40 PVC TEE.

CHEMICAL FEED AND
STORAGE OUTBUILDING
F.F. EL. 28.00

NALCO
157
STORAGE
TANK
FOR
PCH-180

ENCLOSED WALKWAY

F.F. EL. 25.00

CHEMICAL DOSING AREA

NEW CB

TRIDENT PACKAGE
CLARIFICATION SYSTEM
MODEL 2HSR-350

COMPLETE PLATFORM GRATING, RAILING, & STEPS
TO BE FURNISHED BY THE FILTER MANUFACTURER
& INSTALLED BY THE GENERAL CONTRACTOR

INTAKE

NEW TREATMENT BUILDING

DEHUMIDIFIER

OUTLET

8" DIP INFLUENT

8" DIP EFFLUENT

BLOWERS FOR TRIDENT
UNITS 1&2

NALCO FEED SYSTEM

100 GAL. NALCO DAY TANK
FOR CONVENTIONAL SYSTEM
COAGULATION PCH-180

SUPER FLOC
N-300

FILTER AID FEED PUMP

10 GAL. PHOSPHATE
AY TANK

PHOSPHATE FEED PUMP

PHOSPHATE SL1-5230

NOTES:

- ALL UTILITIES TO BE CONFIRMED IN THE FIELD BY THE CONTRACTOR. CONTRACTOR SHALL PROVIDE COST IN BASE BID TO LOCATE ALL EXISTING SANITARY, WATER AND ELECTRIC LINES ON SITE BY A QUALIFIED PROFESSIONAL LOCATING SERVICE.
- CONTRACTOR SHALL HOLD ALL UTILITIES LINES AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL PROVIDE ALL S.S. SUPPORTS.
- ALL JOINTS SHALL BE RESTRAINED.
- ALL HARDWARE SHALL BE S.S.
- ALL PLUG VALVES SHALL BE GEAR ACTUATED PLUG VALVES.
- ALL PLUG VALVES IN EQ AND WTP TANKS VALVE VAULT SHALL HAVE EXTENDED S.S. OPERATORS WITH VALVE BOX COVERS. PROVIDE ALL S.S. SUPPORTS, COUPLINGS, AND ALL APPURTENANCES.

MATCHLINE A

NEW FILTER BUILDING PIPING PLAN

SCALE: 1/4"=1'-0"

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.

DATE: 10/2/2024

DRAWN BY:

SCALE:

REVIEWED BY: RF

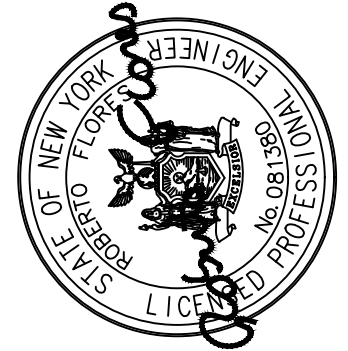
PROJECT NO.:

FILE:

**DELAWARE
ENGINEERING, D.P.C.**
CIVIL AND ENVIRONMENTAL ENGINEERING



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REVISIONS

NO.	DATE	DESCRIPTION
1.	06/21/24	MAY 2024 DOH COMMENTS

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

NEW FILTER BUILDING
PIPING PLAN

SHEET:

C-204