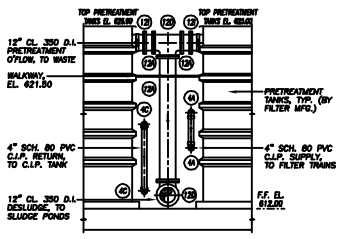
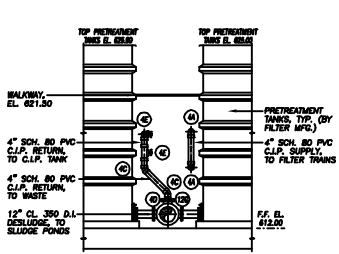


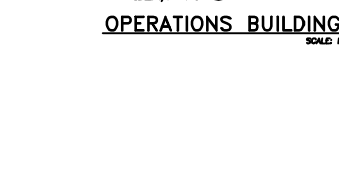
**SECTION A-A**  
SCALE 1/4" = 1'-0"



**SECTION B-B**  
SCALE 1/4" = 1'-0"



**SECTION C-C**  
SCALE 1/4" = 1'-0"

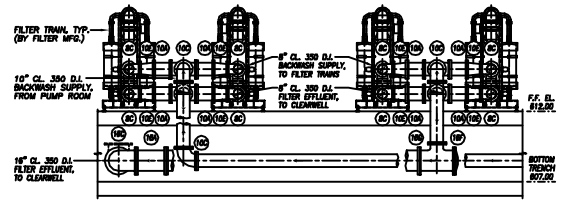


**NOTES**

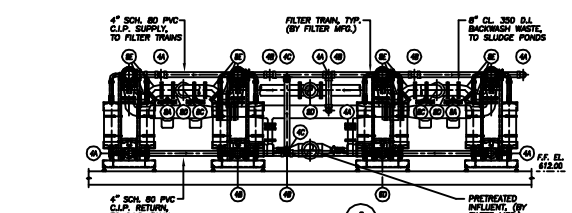
- SEE SHT. M-6 FOR A-A-M-7 SECTION CUT ON THIS SHEET.
- GRAY SCALE PIPING & EQUIPMENT SHOWN IN THESE SECTIONS ARE TO BE PROVIDED BY FILTER MANUFACTURER UNLESS OTHERWISE NOTED.
- ABOVE GROUND PIPING IS SHOWN AS FLANGED DUCTILE IRON AT CONTRACTOR'S OPTION. STEEL PIPING AND/OR GROOVED END JOINTS MAY BE USED AS SPECIFIED.
- SEE SPECIFICATIONS FOR PIPING SCHEDULE.
- PROVIDE PIPE SUPPORTS BENEATH ALL CONTROL VALVES AND PIPING. ALL PIPE SUPPORTS REQUIRED MAY NOT BE SHOWN FOR CLARITY.
- SEE STRUCTURAL DRAWINGS FOR EQUIPMENT PAD REQUIREMENTS, SLAB, FOOTING, AND WALL THICKNESS & REINFORCING.
- SEE SHT. M-8 FOR FILTER PIPING PLAN VIEW AND SHT. M-1 FOR TRENCH PIPING PLAN.
- PIPING BETWEEN PRETREATMENT TANKS AND MEMBRANES, AS WELL AS BACKWASH PIPING, SHALL NOT BE CEMENT LINED.

**PIPING LEGEND**

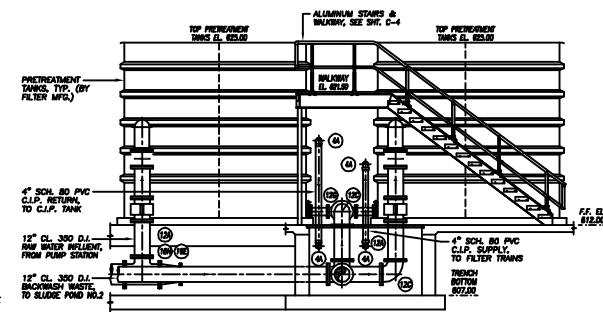
- |                                     |                                   |
|-------------------------------------|-----------------------------------|
| ① 4" SCH. 80 PVC 90° BEND           | ⑩ 12" D.I. FL. SPOOL PIECE        |
| ② 4" SCH. 80 PVC TEE                | ⑪ 12" D.I. FL. x P.E. SPOOL PIECE |
| ③ 4" SCH. 80 PVC 45° BEND           | ⑫ 12" D.I. FL. 90° BEND           |
| ④ 4" FL. x P.E. PVC ADAPTER         | ⑬ 12"x12" D.I. FL. TEE            |
| ⑤ 4" EPXY COATED PUSH-ON GATE VALVE | ⑭ 12"x12" D.I. FL. TEE            |
| ⑥ 8" D.I. FL. SPOOL PIECE           | ⑮ 12"x18" D.I. FL. REDUCER        |
| ⑦ 8" D.I. FL. x P.E. SPOOL PIECE    | ⑯ 12"x18" D.I. FL. CROSS          |
| ⑧ 8" D.I. FL. 90° BEND              | ⑰ 12"x18" D.I. FL. CROSS          |
| ⑨ 8" D.I. FL. 45° BEND              | ⑱ 12" METALLIC TO FL. ADAPTER     |
| ⑩ 10" D.I. FL. SPOOL PIECE          | ⑲ 16" D.I. FL. SPOOL PIECE        |
| ⑪ 10" D.I. FL. x P.E. SPOOL PIECE   | ⑳ 16" D.I. FL. x P.E. SPOOL PIECE |
| ⑫ 10" D.I. FL. 90° BEND             | ㉑ 16" D.I. FL. 90° BEND           |
| ⑬ 10"x10" D.I. FL. TEE              | ㉒ 16"x16" D.I. FL. TEE            |
| ⑭ 10"x10" D.I. FL. TEE              | ㉓ 16"x16" D.I. FL. REDUCER        |
| ⑮ 10"x12" D.I. FL. TEE              | ㉔ 14" D.I. BLIND FLANGE           |
| ⑯ 14"x10" D.I. FL. TEE              | ㉕ 14"x10" D.I. FL. TEE            |
| ⑰ 14"x12" D.I. FL. TEE              |                                   |



**SECTION D-D**  
SCALE 1/4" = 1'-0"



**SECTION E-E**  
SCALE 1/4" = 1'-0"



**SECTION F-F**  
SCALE 1/4" = 1'-0"

**OPERATIONS BUILDING - PIPING SECTIONS**

SCALE: NOTED