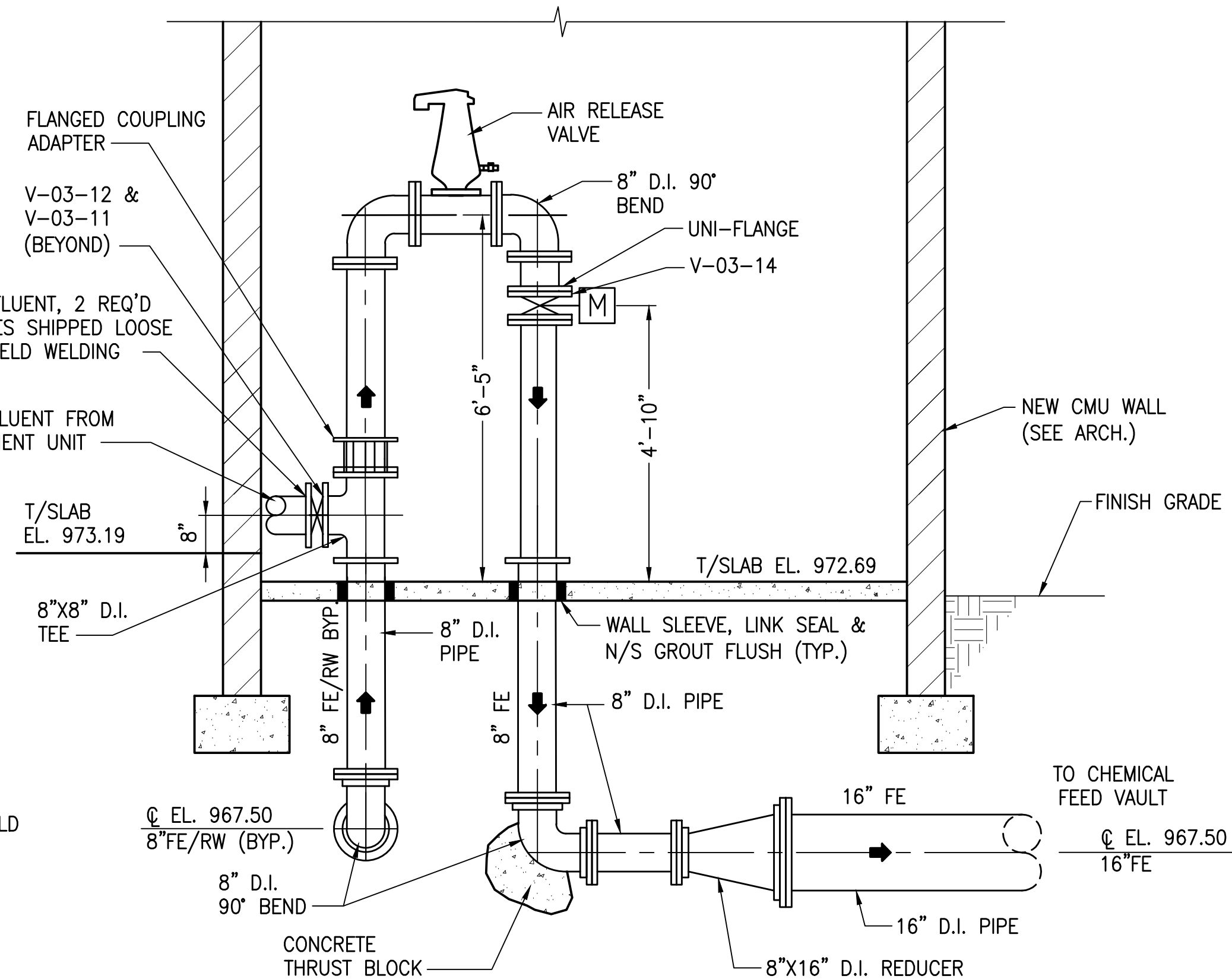
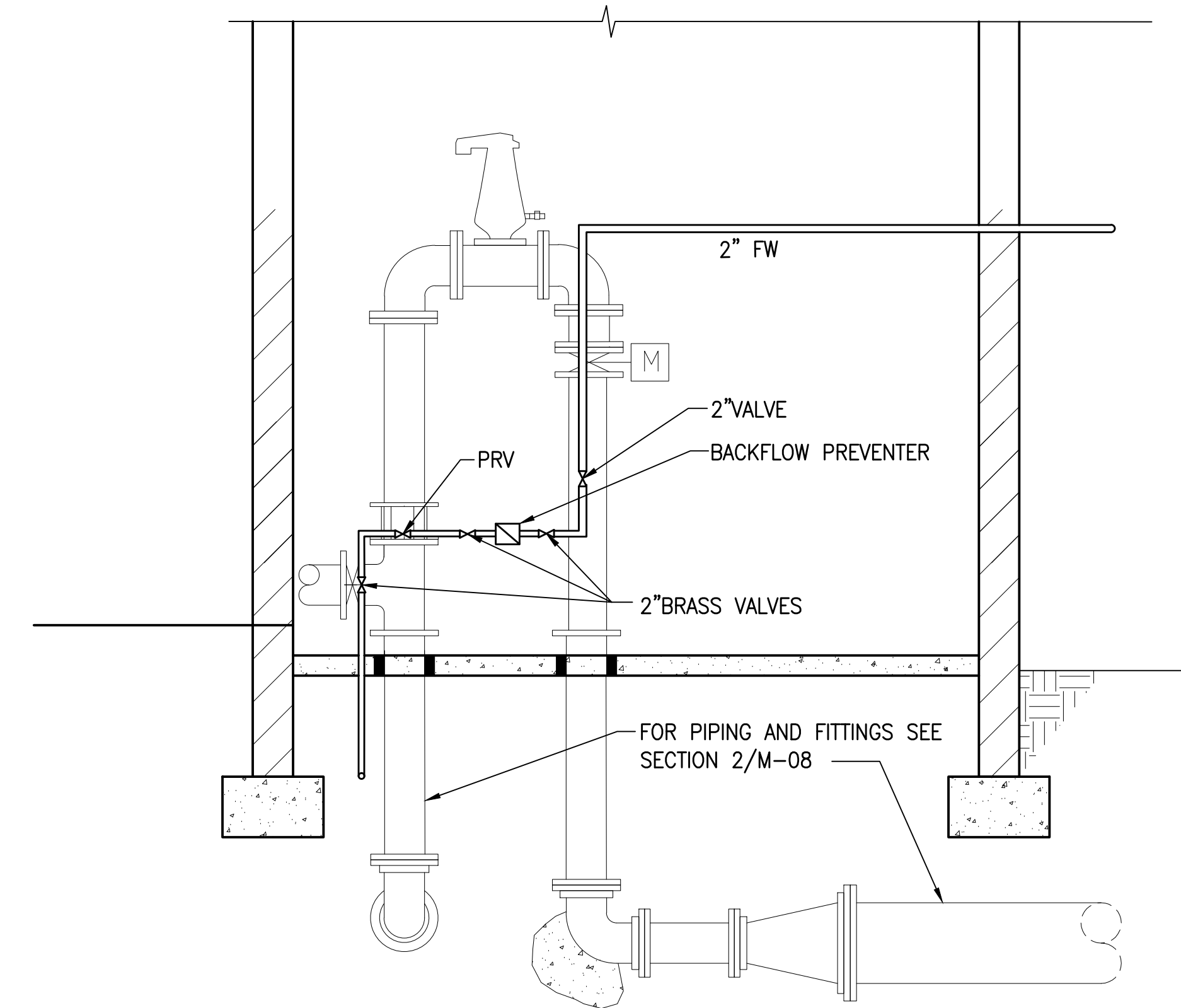


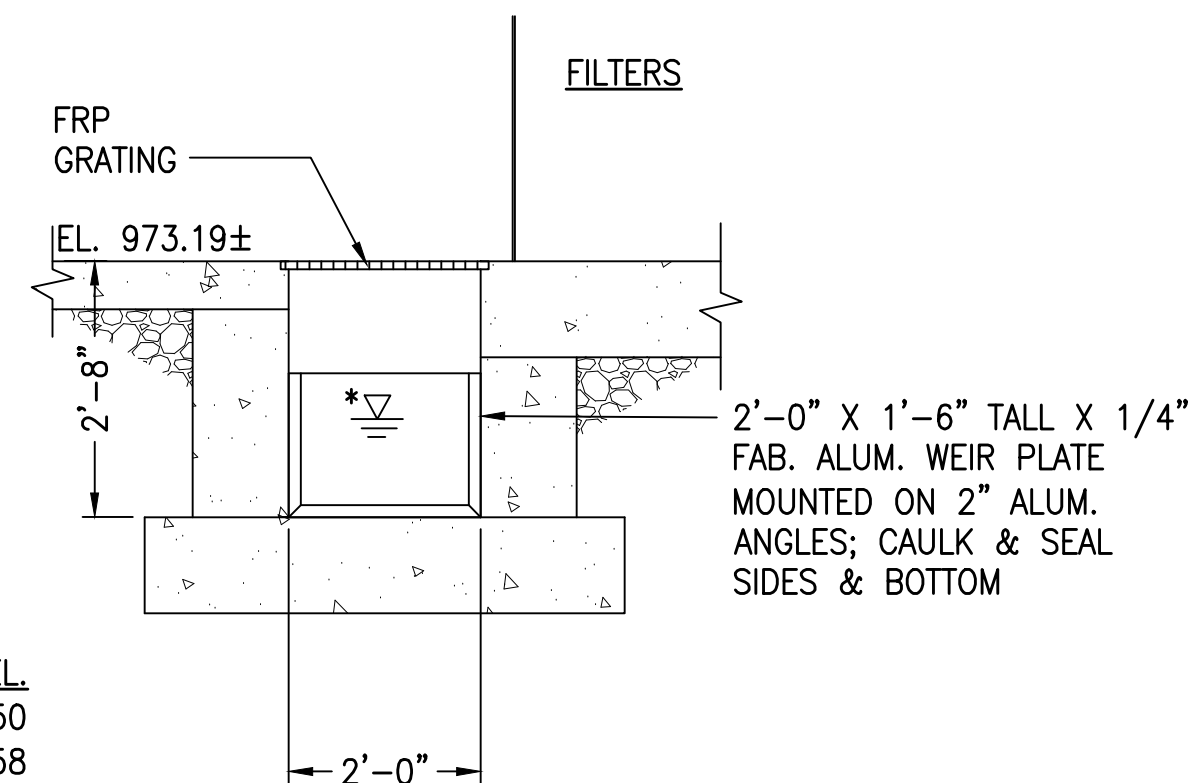
SECTION 1
SCALE: 1/2" = 1'-0"



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

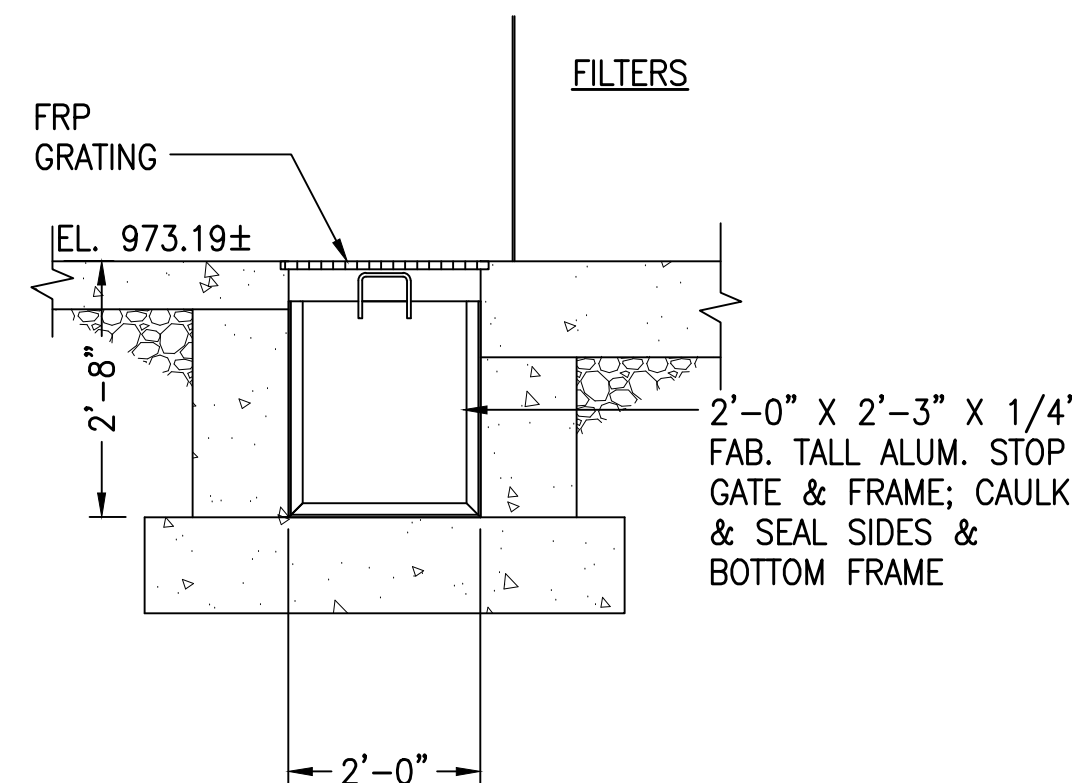


SECTION 6
SCALE: 1/2" = 1'-0"

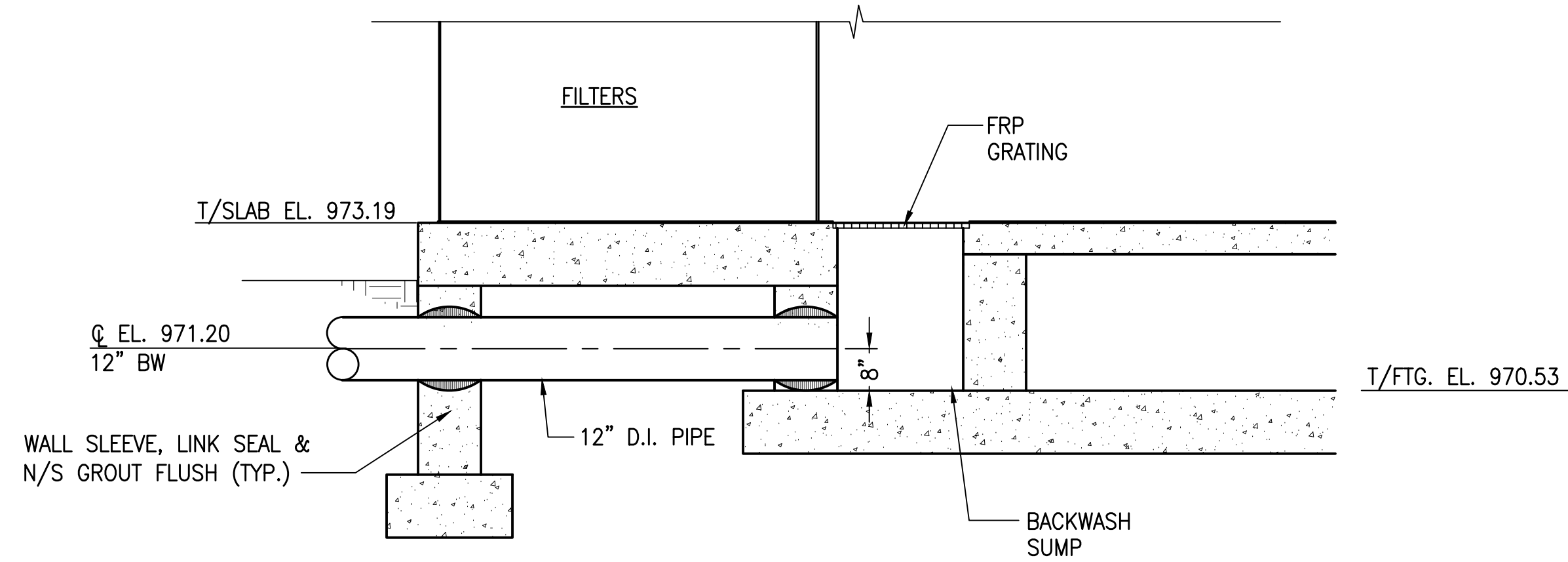


*BACKWASH TROUGH WS EL.
@ 12 GPM/SF = 972.50
@ 15 GPM/SF = 972.58
WEIR CREST EL. 972.03

SECTION 3
SCALE: 1/2" = 1'-0"



SECTION 4
SCALE: 1/2" = 1'-0"



SECTION 5
SCALE: 1/2" = 1'-0"

SHEET NOTES:


- ALL ABOVE GRADE AND INTERIOR PROCESS PIPING SHALL BE FLANGED DUCTILE IRON PER SPECS., UNLESS NOTED OTHERWISE. ALL BURIED (YARD) PIPING SHALL BE MECHANICAL RESTRAINED JOINT DUCTILE IRON PER SPECS., UNLESS NOTED OTHERWISE.
- ALL INTERIOR CHEMICAL FEED AND SAMPLING, AND DRAIN PIPING SHALL BE SCH. 80 PVC PER SPECS., UNLESS NOTED OTHERWISE. SOLVENT WELD SHALL BE COMPATIBLE FOR SERVICE IN WHICH IT IS INTENDED. PVC VALVES & MISC. APPURTENANCES SHALL BE JOINED USING "TRUE-UNION" CONNECTIONS.
- INTERIOR METAL PIPE SUPPORTS NOT SHOWN. REFER TO SPEC. 11290 FOR REQUIREMENTS. NOTE: CEILING/TRUSS-MOUNTED PIPE SUPPORTS SHALL NOT BE USED FOR ANY LIQUID PROCESS PIPING 3" AND LARGER.
- EQUIPMENT MOUNTING HEIGHTS SHALL BE COORDINATED WITH OWNER AND IN ACCORDANCE WITH MANF. RECOMMENDATIONS.
- ALL WALL PENETRATIONS FOR PVC PIPING SHALL BE CORE DRILLED, INSTALL LINK SEAL, AND NON-SHRINK GROUT FLUSH. ALL FLOOR/FOOTING PENETRATIONS FOR PVC PIPING SHALL HAVE PIPE SLEEVE W/COLLAR, LINK SEAL & NON-SHRINK GROUT FLUSH.
- ALL PVC PIPING SHALL BE ROUTED ALONG WALLS/CEILINGS USING CORROSION-RESISTANT PIPE HANGERS/SUPPORTS AND HARDWARE UPON EXISTING EQUIPMENT UNTIL DROP TO POINT OF APPLICATION. ALL PIPING SHALL BE RUN IN NON-OBSTRUCTIVE MANNER AND SHALL BE RIGIDLY SUPPORTED.
- REFER TO PLUMBING DRAWINGS FOR FLOOR DRAIN PIPING.
- REFER TO SHT. M-00 FOR PROCESS VALVE SCHEDULE.

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engineering | architecture | geospatial
ENGINEER/ARCHITECT: Darren S. Wells
CONSTRUCTION COMPANY: Mitchell & Stark Const. Co., Inc.
DATE: FEBRUARY 2014

NEW TREATMENT PLANT BUILDING
MECHANICAL PROCESS SECTIONS
HOOSIER HILLS REGIONAL WATER DISTRICT
CONTRACTS G-1 & G-5

GRW
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CLIENT CONTRACT NO. G-1/G-5				GRW PROJECT NO. 3235-04			
DRAWING SCALE CHECK: 				THIS MARK SHOULD MEASURE EXACTLY 1" WHEN PLOTTED			
ALL RIGHTS RESERVED: THIS DOCUMENT IS THE PROPERTY OF GRW, INC. AND SHALL NOT BE REPRODUCED IN WHOLE OR IN PART OR USED FOR CONSTRUCTION OF OTHER THAN THIS SPECIFIC PROJECT WITHOUT WRITTEN PERMISSION OF GRW, INC.							
<div>This document, originally issued, sealed, and signed by Darren S. Wells, Indiana Professional Engineer, No. 10100200, on March 26, 2012, shall not be used in lieu of a certified document.</div>				DESIGNED:		DATE: FEBRUARY 2012	
				DSW			
				DRAWN:		SCALE:	
				JAJ		1/2" = 1'-0"	
2/14		JAJ		REVIEWED:		SHEET NO.	
DATE		BY		DRC		M-08	
				APPROVED:			
				DSW			