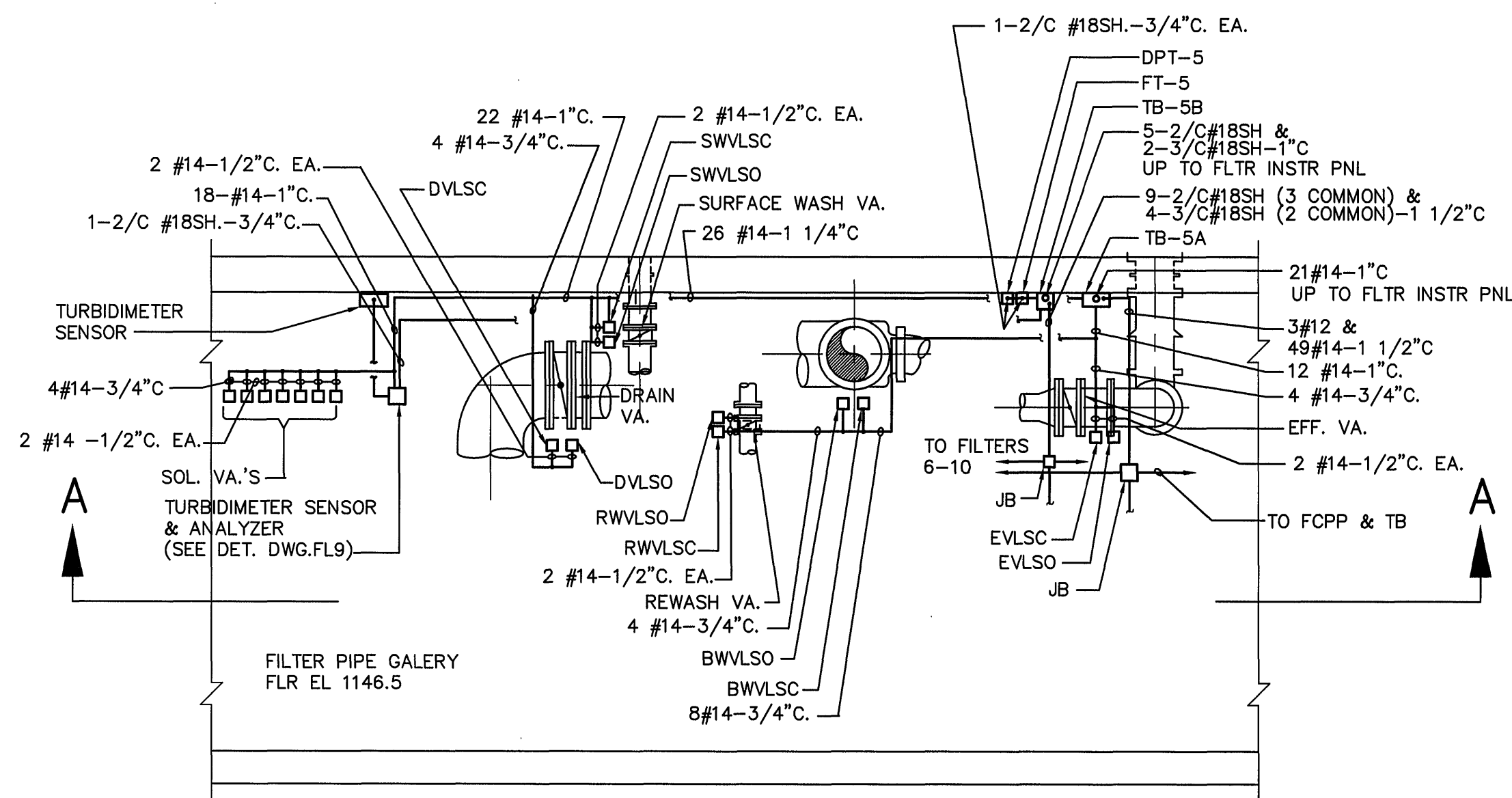
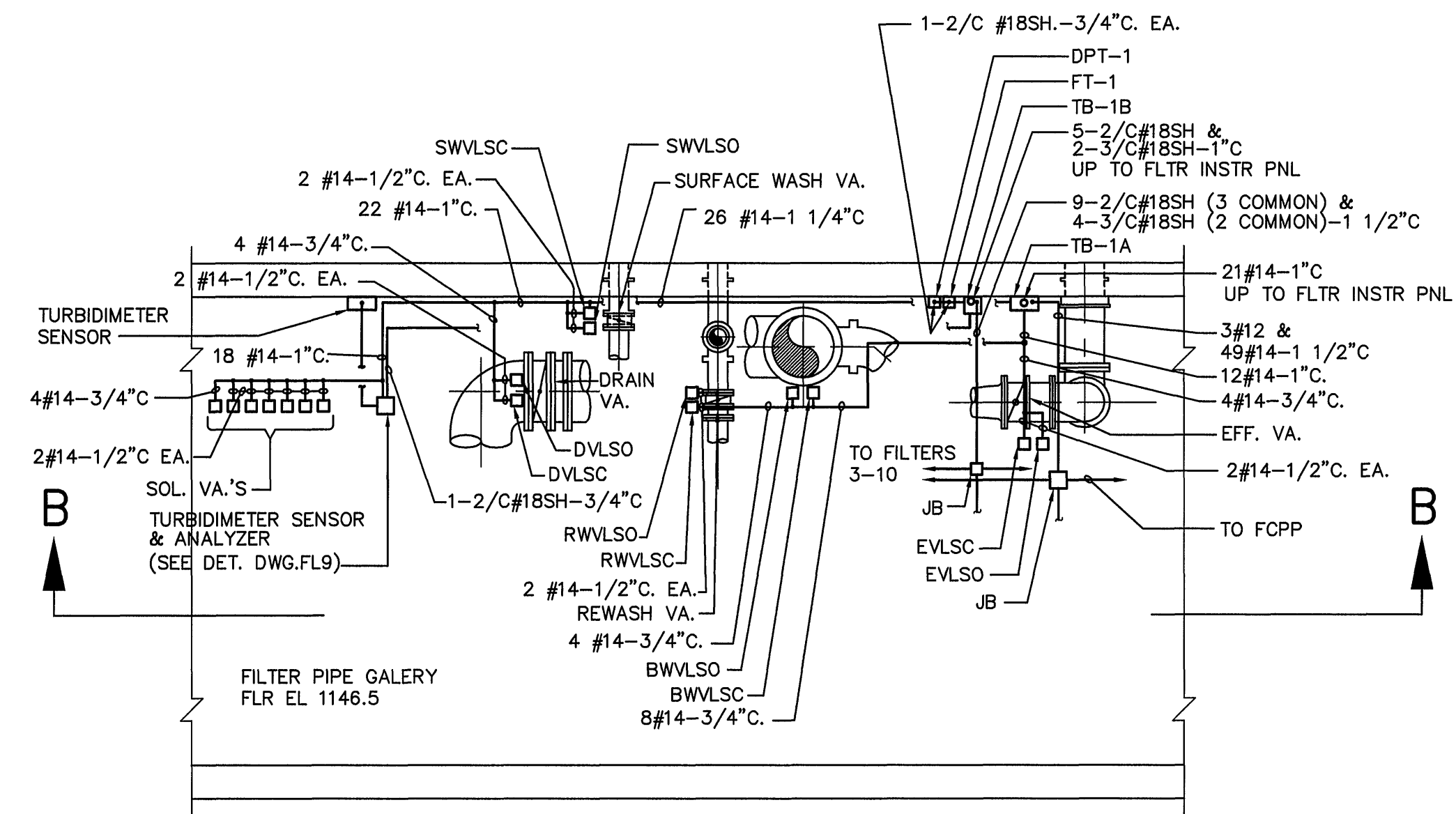




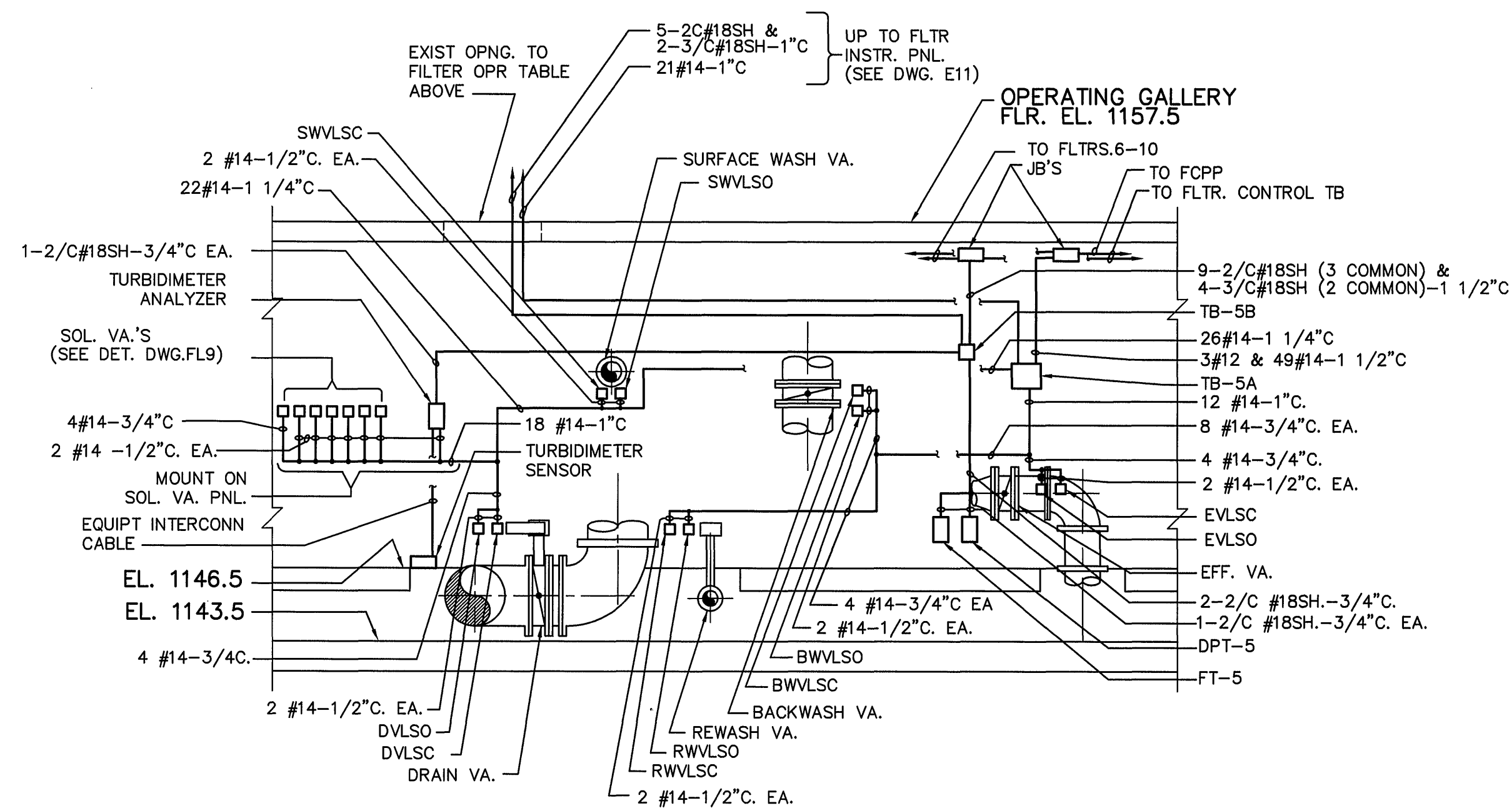
TYPICAL FILTER PARTIAL PLAN
FILTER PIPE GALLERY
FILTERS No. 5-10

SCALE OF DRAWING 1/4" = 1'-0"
4' 3' 2' 1' 0' 4' 8'



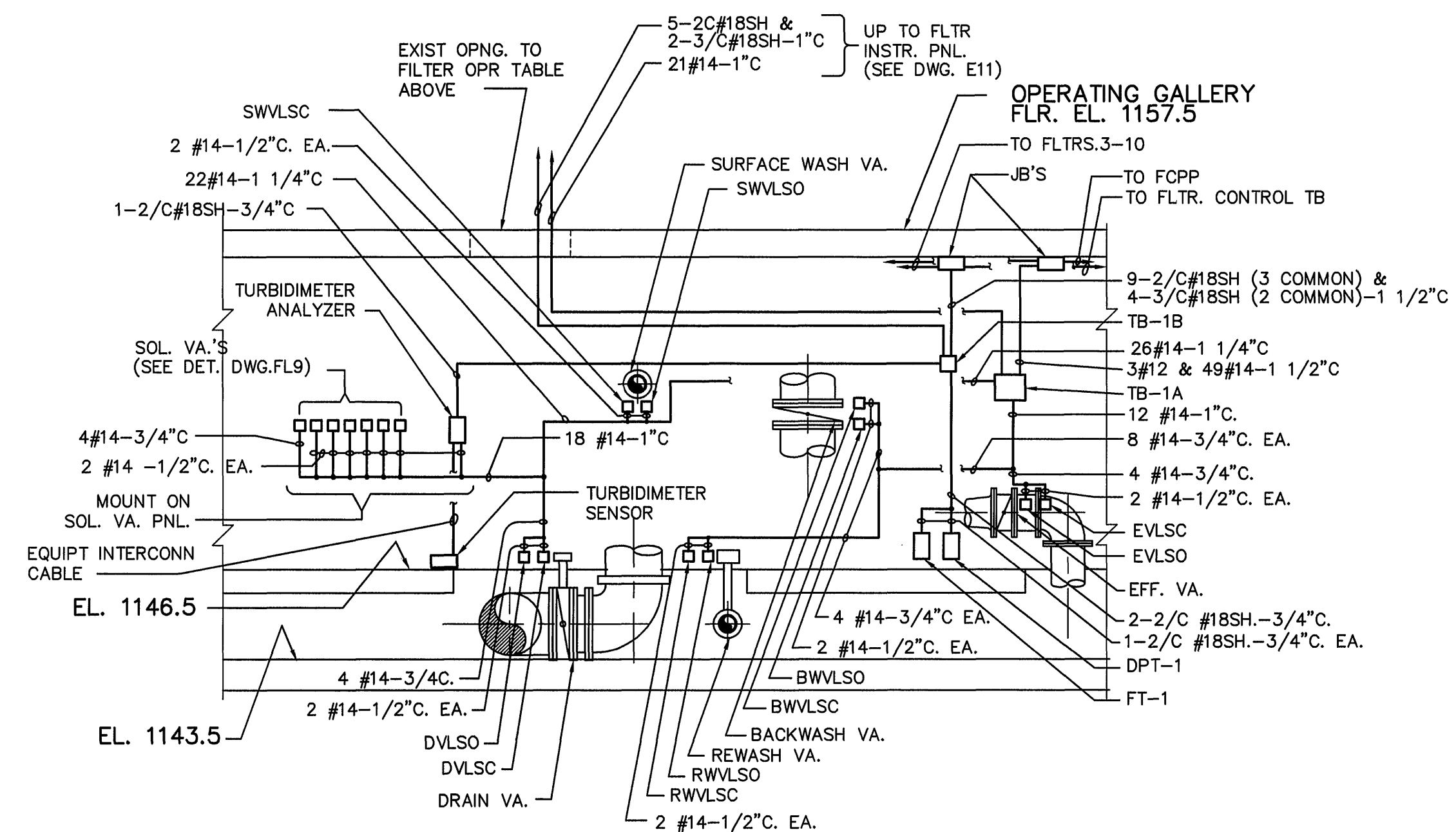
TYPICAL FILTER PARTIAL PLAN
FILTER PIPE GALLERY
FILTERS No. 1-4

SCALE OF DRAWING 1/4" = 1'-0"
4' 3' 2' 1' 0' 4' 8'



SECTION A-A

SCALE OF DRAWING 1/4" = 1'-0"
4' 3' 2' 1' 0' 4' 8'



SECTION B-B

SCALE OF DRAWING 1/4" = 1'-0"
4' 3' 2' 1' 0' 4' 8'

NOTE:
ADD TWO (2) SOLENOID VALVES FOR MASTER
SURFACE WASH VALVE AT FILTER NO. 10 ONLY.

DRAWING OF RECORD
DATE: SEP 30 1997

MATTERN & CRAIG CONSULTING ENGINEERS • SURVEYORS ROANOKE VIRGINIA		DESIGNED: MHT			REV.	DATE	DESCRIPTION	BY	APP.	CARVINS COVE FILTER PLANT IMPROVEMENTS – PHASE I ROANOKE, VIRGINIA		DATE APRIL 1992
ALVORD, BURDICK & HOWSON ENGINEERS CHICAGO		DRAWN: KGP									COMM. NO. 9130	
		CHECKED: MHT									SHEET E10	