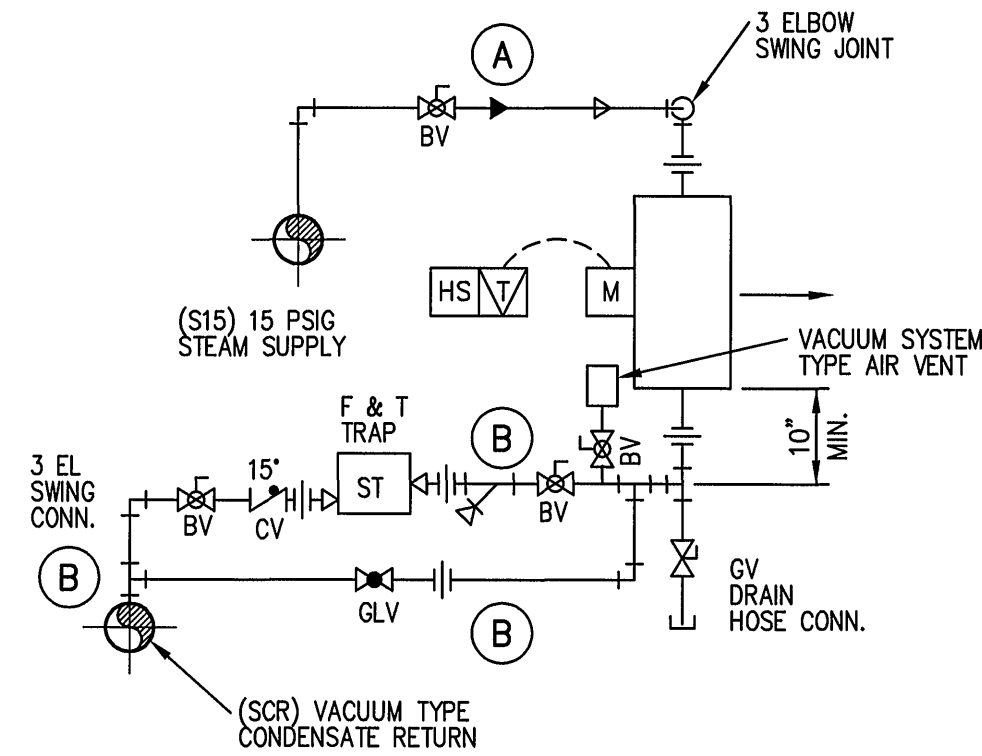
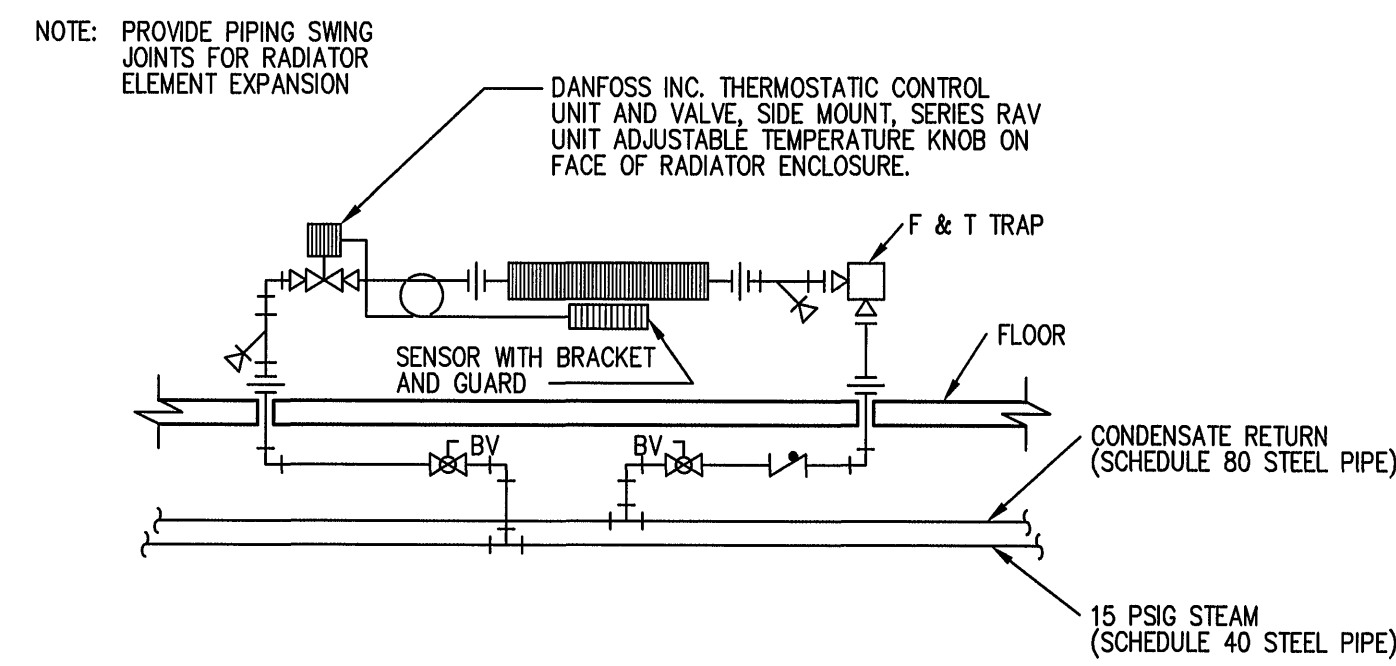




TYPICAL PIPING DETAIL
15 PSIG STEAM UNIT HEATERS
MIN. 3 ELBOW SWING JOINTS ON SUPPLY
AND RETURN HEATER CONNECTIONS.

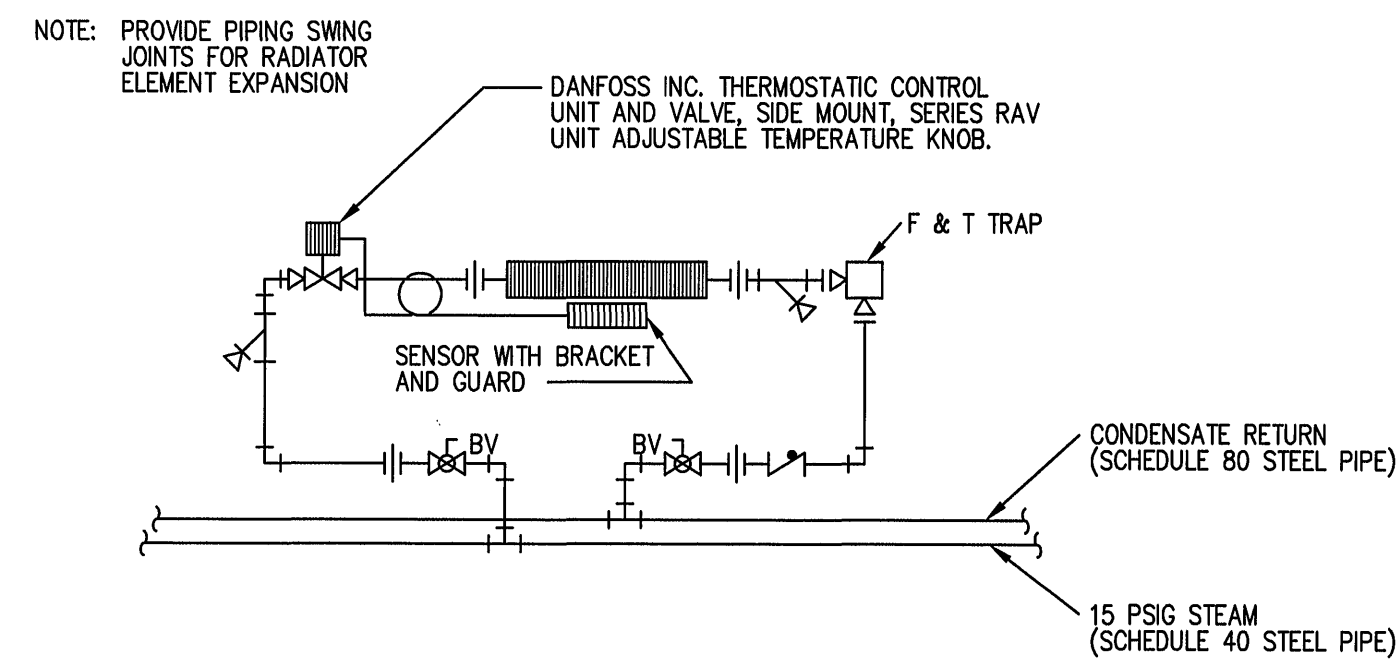
STEAM UNIT HEATERS							
HEATER TYPE	DRAWING SYMBOL	WING COMPANY MODEL NUMBER	MBH @ 15 PSIG	HEATER CONN.		RUNOUT PIPING	
STEAM	SUH	15U HORIZ.	82.0	1 1/2"	1 1/2"	1 1/2"	1 1/2"
STEAM	SUH	20U HORIZ.	173.0	1 1/2"	1 1/2"	2"	1 1/2"
STEAM	SUH	22U HORIZ.	206.0	1 1/2"	1 1/2"	2"	1 1/2"
STEAM	SUH	28U HORIZ.	444.3	2"	2"	3"	2"

STEAM UNIT HEATER
MODEL NOS. AND CAPACITIES



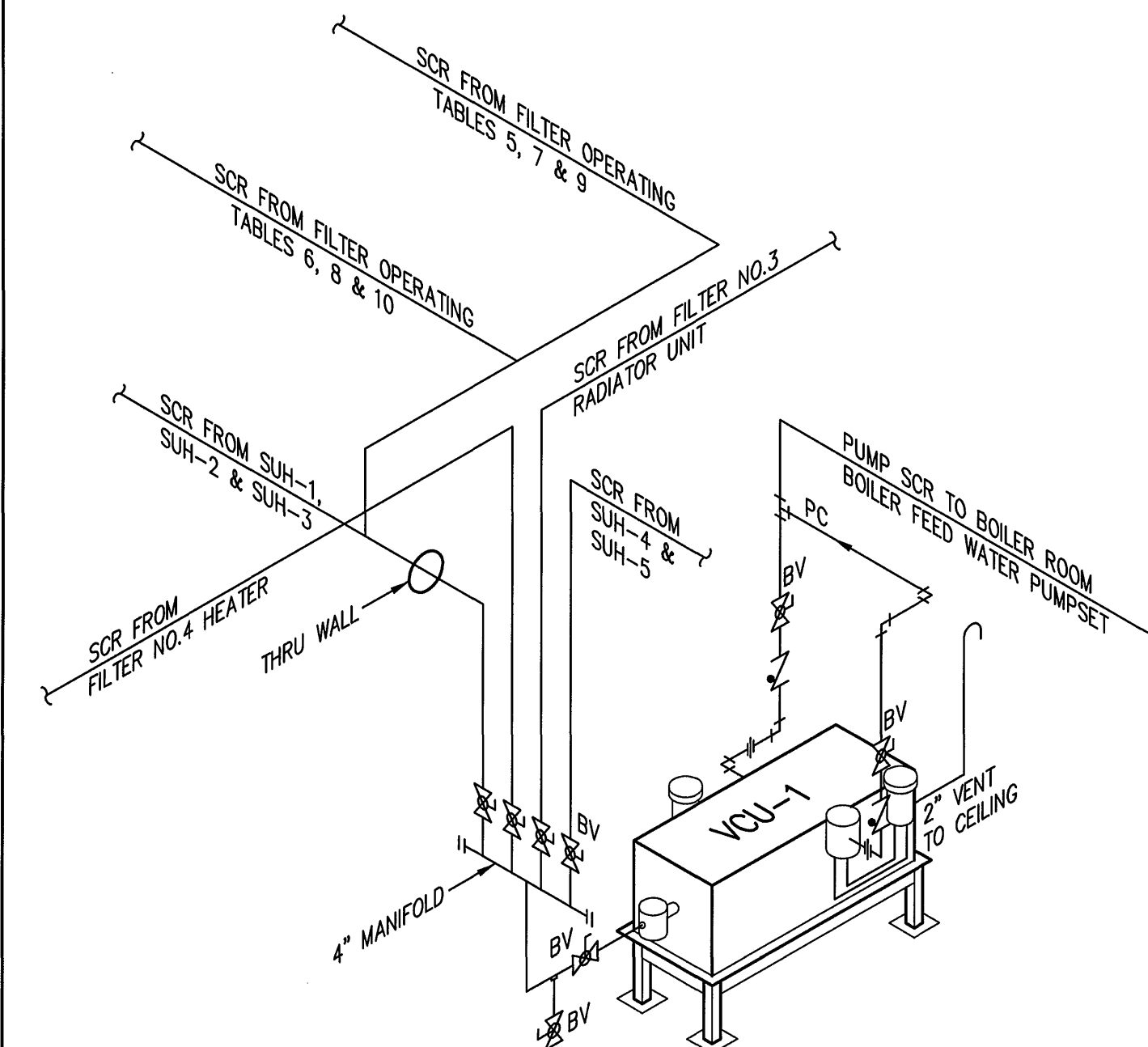
FILTER OPERATING TABLE AND STEAM WALL BASEBOARD RADIATION PIPING SCHEMATIC

SCALE: NONE



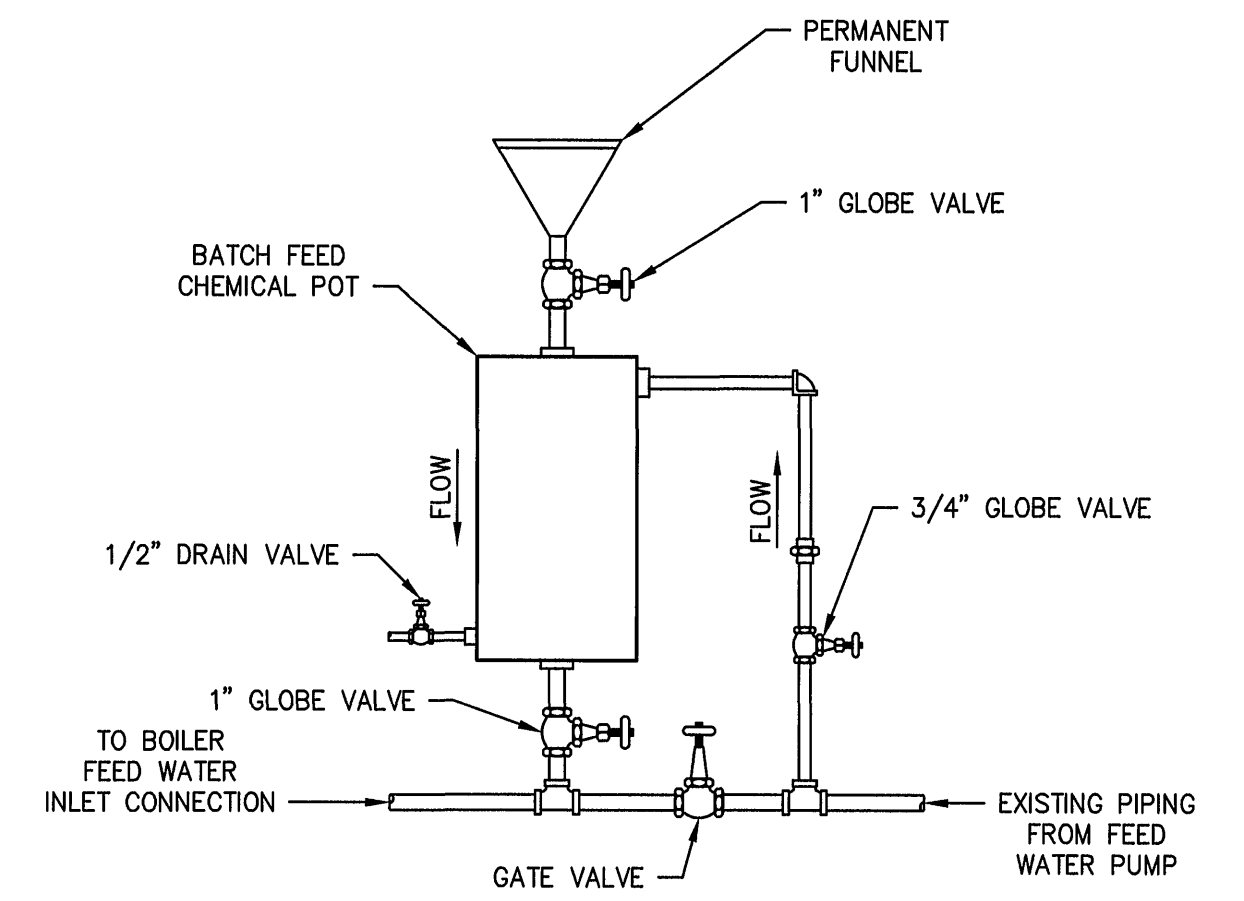
STEAM CEILING TYPE RADIATION PIPING SCHEMATIC

SCALE: NONE



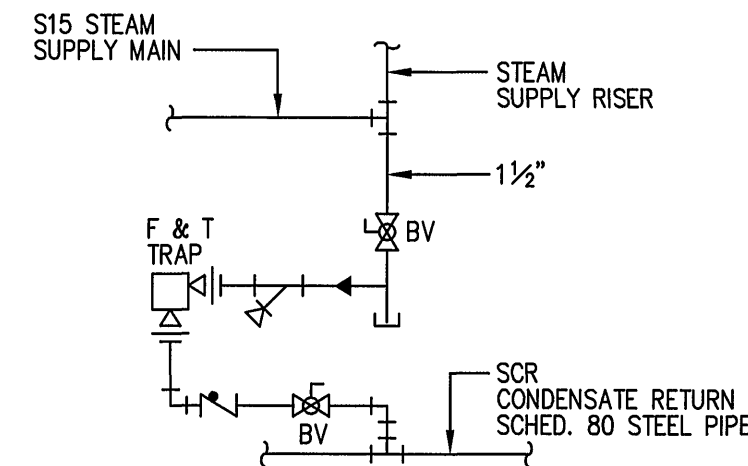
CONDENSATE RETURN PUMPSET VCU-1 PIPING

SCALE: NONE



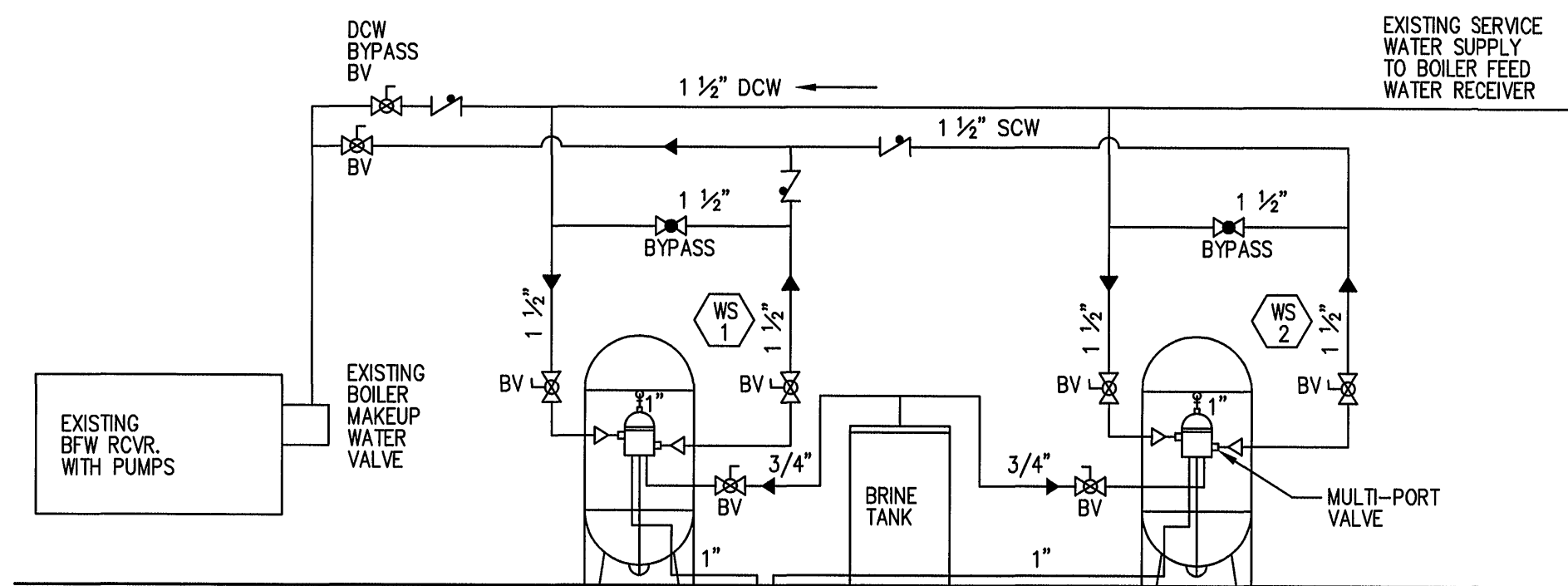
CHEMICAL FEEDER BOILER WATER TREATMENT

SCALE: NONE



TYPICAL PIPING SCHEMATIC
END OF MAIN AND/OR BOTTOM OF RISER

SCALE: NONE



WATER SOFTENER UNIT DUPLEX INSTALLATION

SCALE: NONE

LEGEND:
DCW - DOMESTIC COLD WATER
SCW - SOFTENED COLD WATER

DRAWING OF RECORD
DATE: SEP 30 1997

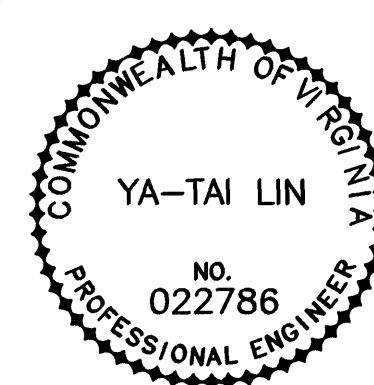
MATTERN & CRAIG
CONSULTING ENGINEERS • SURVEYORS
ROANOKE VIRGINIA

ALVORD, BURDICK & HOWSON
ENGINEERS CHICAGO

DESIGNED:

DRAWN: H. FERRERA
L.M.J.

CHECKED:



REV.	DATE	DESCRIPTION	BY	APP.

CARVINS COVE FILTER PLANT IMPROVEMENTS – PHASE I
ROANOKE, VIRGINIA

HVAC SYSTEMS – TYPICAL DETAILS

DATE
APRIL 1992
COMM. NO.
9130
SHEET
M11