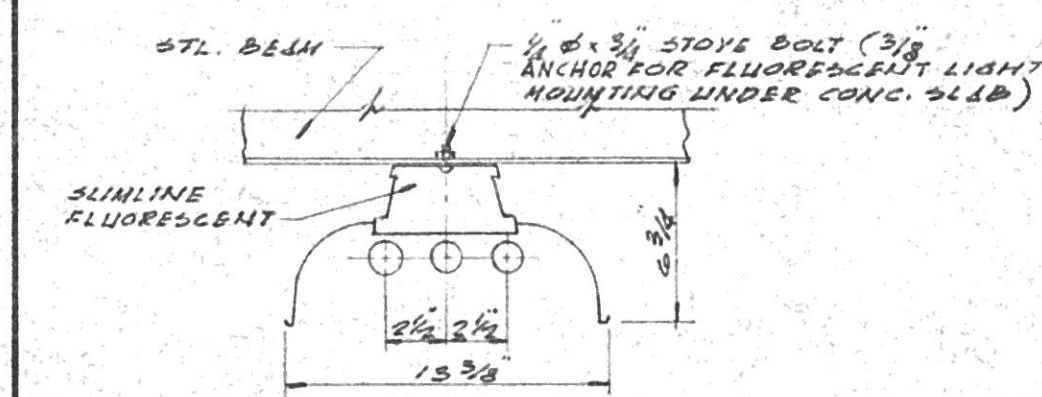
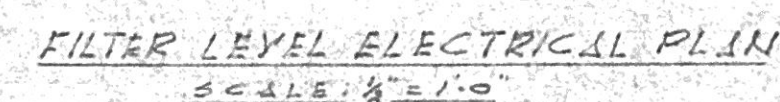
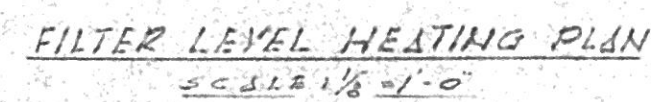




LAB. & OPERATING FLOOR ELECTRICAL PLAN
SCALE: $\frac{1}{8}'' = 1'-0''$



CHEM. STORAGE ELECTRICAL PLAN
SCALE: $\frac{1}{8}'' = 1'-0''$



L.B. & OPERG. FL. HEATING PLAN
SCALE: $\frac{1}{8} = 1'-0"$

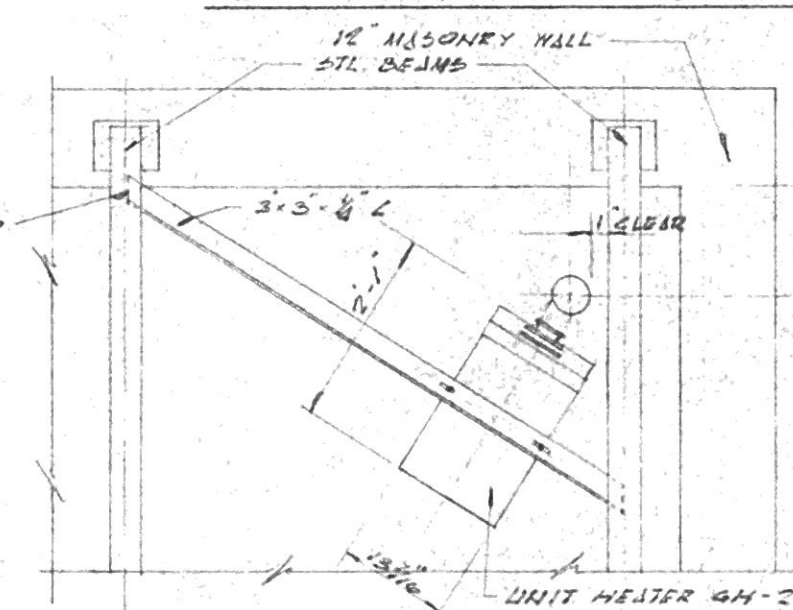
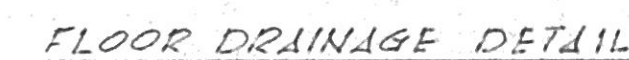
CHEM. STORAGE HEATING PLAN

SYMBOL LIST			
	SWITCH		MOTOR SWITCH
	DUPLEX RECEPTACLE		INCANDESCENT FIXTURE
	MOTOR, H.P. INSIDE CIRCLE		FLUORESCENT FIXTURE

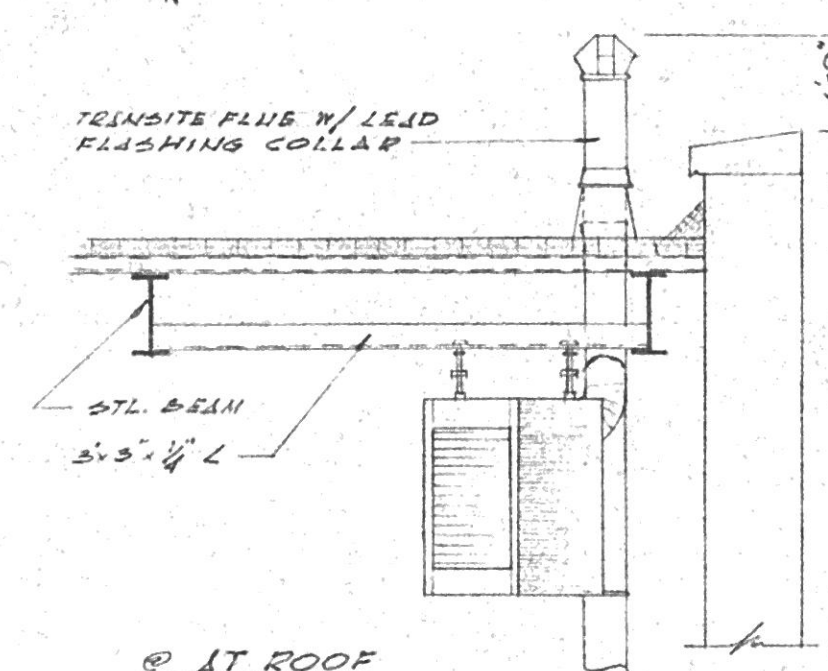
CONTROL CENTER (SEE DWG #1-2120)

- (1) DATA: 440V, 3Ø, 3W, 60 CY, NEMA 1A ENCL.,
NEMA CLASS I TYPE A WIRING, SQUARE 'D' MODEL
NO. 9998 (SEE SPES. FOR ADDITIONAL INFORMATION)
- (2) RIES ALL 4 PUMPS THRU TIME DELAY RELAY 30 SE TO START
PUMP AGAINST CLOSED VALVE AND STOP PUMP AFTER VALVE
IS CLOSED
- (3) 24VDC SIGNAL FEEDER P.B. STATIONS TO ACTIVATE MOTORS & 24VDC
VARIABLE SPEED MOTORS OPERATING FROM CONTROL PANEL

- ENCLOSURED TO BE RUMI TYPE 1 MOUNTED INSIDE OF 1 BUILDING & MOUNT TYPE 1 WHERE LOCATED OUTDOORS
- START-STOP PUSH BUTTON STATION WITH STOP LOCK-OUT AND RED-ON GREEN-OFF INDICATING LIGHTS TO BE PROVIDED FOR ALL MOTORS
- INCLUDE SEPARATE GROUND WIRE TO ALL MOTORS
- COLOR CODE ALL CONTROL WIRES
- WIRE CHLORINE ROOM VENTILATOR IN SERIES WITH LIGHT SWITCH
- GALVANIZED PIPE SLEEVES TO BE PROVIDED FOR ALL CONDUIT PASSING THRU WALLS
- TERMINATE RUMI CONDUIT ADJACENT TO MOTORS & CONNECT WITH SUFFICIENT ALUMINUM FLEXIBLE CONDUIT TO FACILITATE MOTOR MAINTENANCE
- OVERLOAD RELAYS TO BE SEPARATED ON BASIS OF MOTOR NAMEPLATE AMPERAGE
- PROVIDE NAMEPLATES ON ALL SWITCHGEAR AS DIRECTED BY ENGINEER



HEATER PLAN & T ROOF
SCALE: $\frac{1}{2}'' = 1'-0''$



@ AT ROOF

HEATER & VENT DETAILS
SCALE: $\frac{1}{2}" = 1'-0"$

COUNTER BALANCED RELIEF DAMPER SHALL BE SIZE AND MODEL AS MANUFACTURED BY SPARTWORT, INC., IT IS TO BE OF 9 GAUGE STEEL FRAMES WITH 16 GAUGE ALUMINUM BLADES, TO OPEN AT 0.05" PRESSURE

EXHAUST FAN SCHEDULE						
MARK	MODEL NO	CFM	S.P.	H.P.	R.P.M.	VOLTS
EF 1	125 FCB	1075	1/8	1/3	105	115
EF 2	116 HA	1450	1/8	1/3	860	115

No.	DATE	DESCRIPTION
REVISIONS		

WATER PROJECT FILTER PLANT EXPANSION HEATING AND LIGHTING DETAILS

CHECKED BY: <u>AFK</u>	APPROVED BY: <u>TJB</u>	DRWG. No. <u> </u>
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DATE: SEPT. 1967 SCALE: AS SHOWN A-2119

KELLEY, GIDLEY, STAUB & BLAIR, INC.
CONSULTING ENGINEERS • CHARLESTON, WEST VIRGINIA

RECEIVED 12-13-67
REJECTED _____
RETURNED _____
FOR CHANGES _____
APPROVED 12-13-67 NO. 2897
DIVISION OF SANITARY ENGINEERING