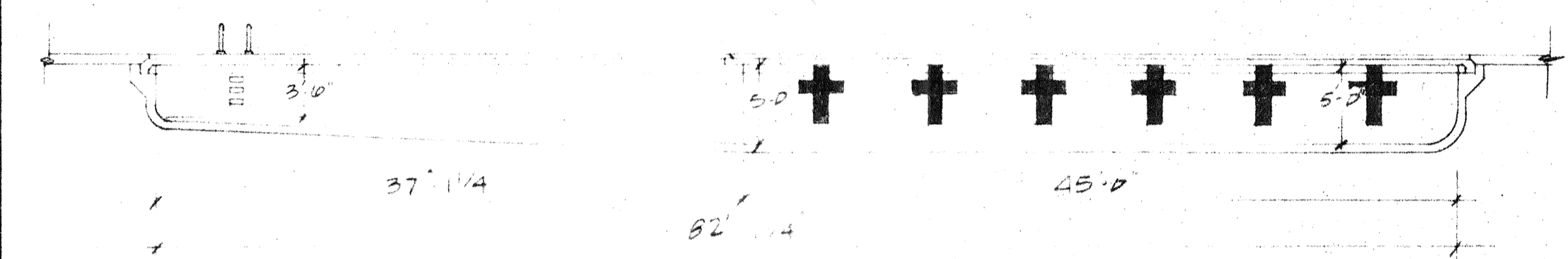
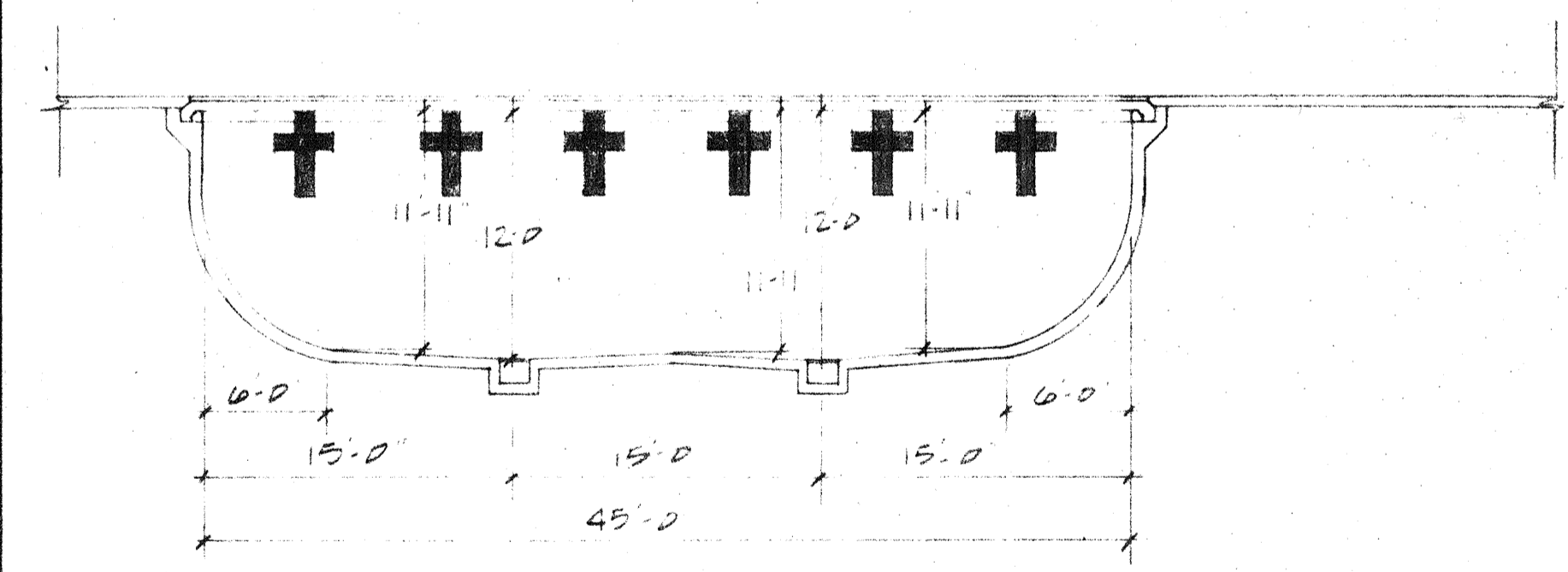


1 LONGITUDINAL SECTION
SCALE: 1/8" = 1'-0"

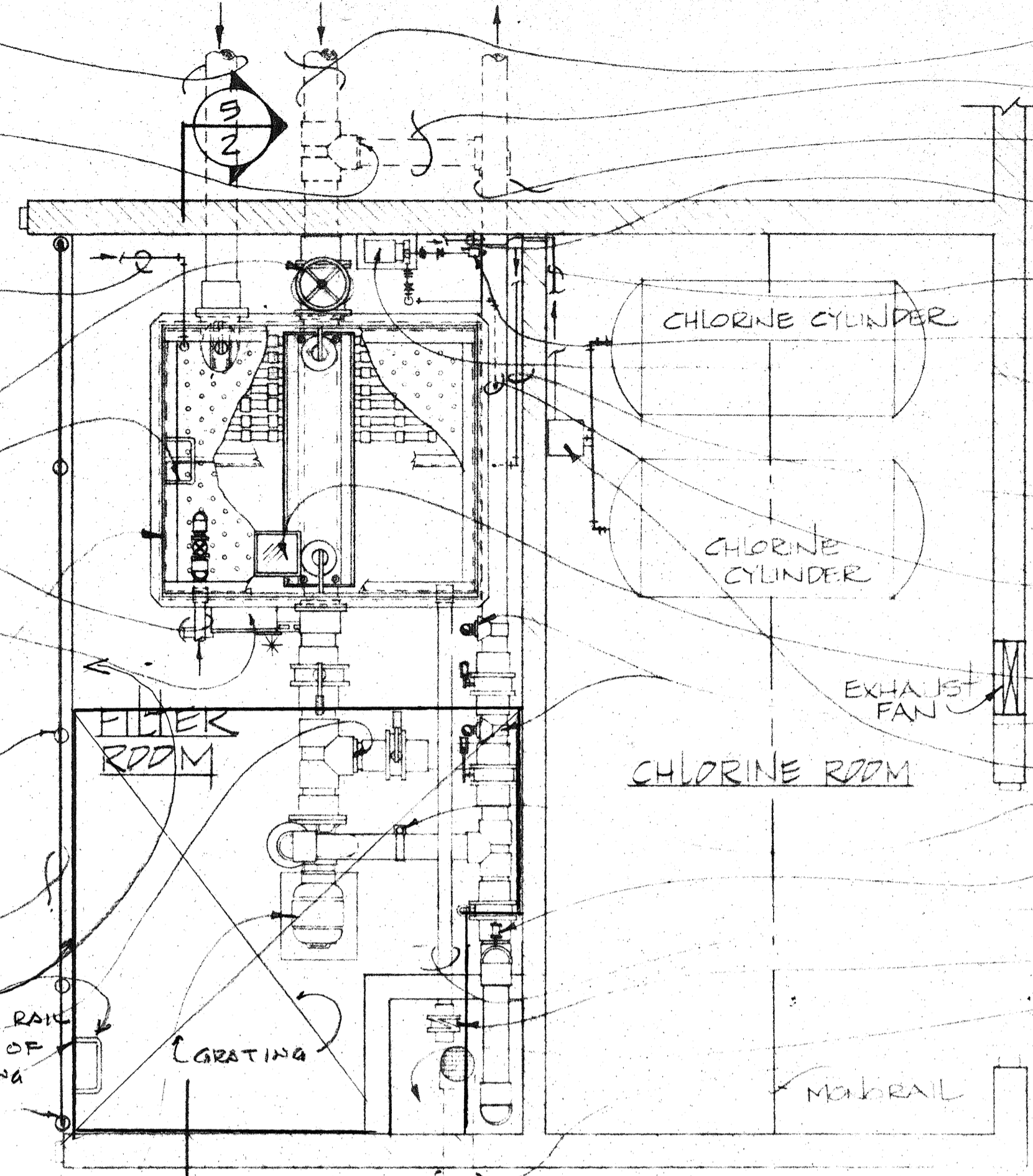


2 TRANSVERSE SECTION
SCALE: 1/8" = 1'-0"



3 TRANSVERSE SECTION
SCALE: 1/8" = 1'-0"

8" PERIMETER OVERFLOW LINE & ELEV. (-) 1'-0 3/8"
6" x 8" REDUCING BUSHING
HYDROANALYZER & FLOWCELL
SODA ASH FEEDER W/ 50 GAL. SOLUTION TANKS & AGITATOR.
20 AMP, 110V, 1Ø, 60 ~ RECEPTACLE FOR HYDROANALYZER.
3/4" LINE FROM HYDROANALYZERS FLOWCELL.
8" MAIN DRAIN GATE VALVE.
LADDER RUNG
2" FRESH WATER MAKE-UP LINE.
* VAC AIR RELEASE & VACUUM CONTROL PANEL.
LAARS GAS FIRED HEATER MODEL AL-1100 1,100,000 BTU/HR.
STANCHION POST (5 REQ'D)
3/4" POLYETHYLENE SAFETY ROPE (22'-0" REQ'D)
40 SQ. FT. VACUUM SAND FILTER
6" x 8" REDUCING BUSHING
LADDER RUNG
3/4" ROPE HOOK TERMINAL (2 REQ'D)
MARLOW RECIRCULATING PUMP & MOTOR, MODEL 6T56, 15 HP, 230/460 V, 3Ø, 60 ~, 1750 RPM, RATED FOR 697.5 GPM @ 20' TDH.



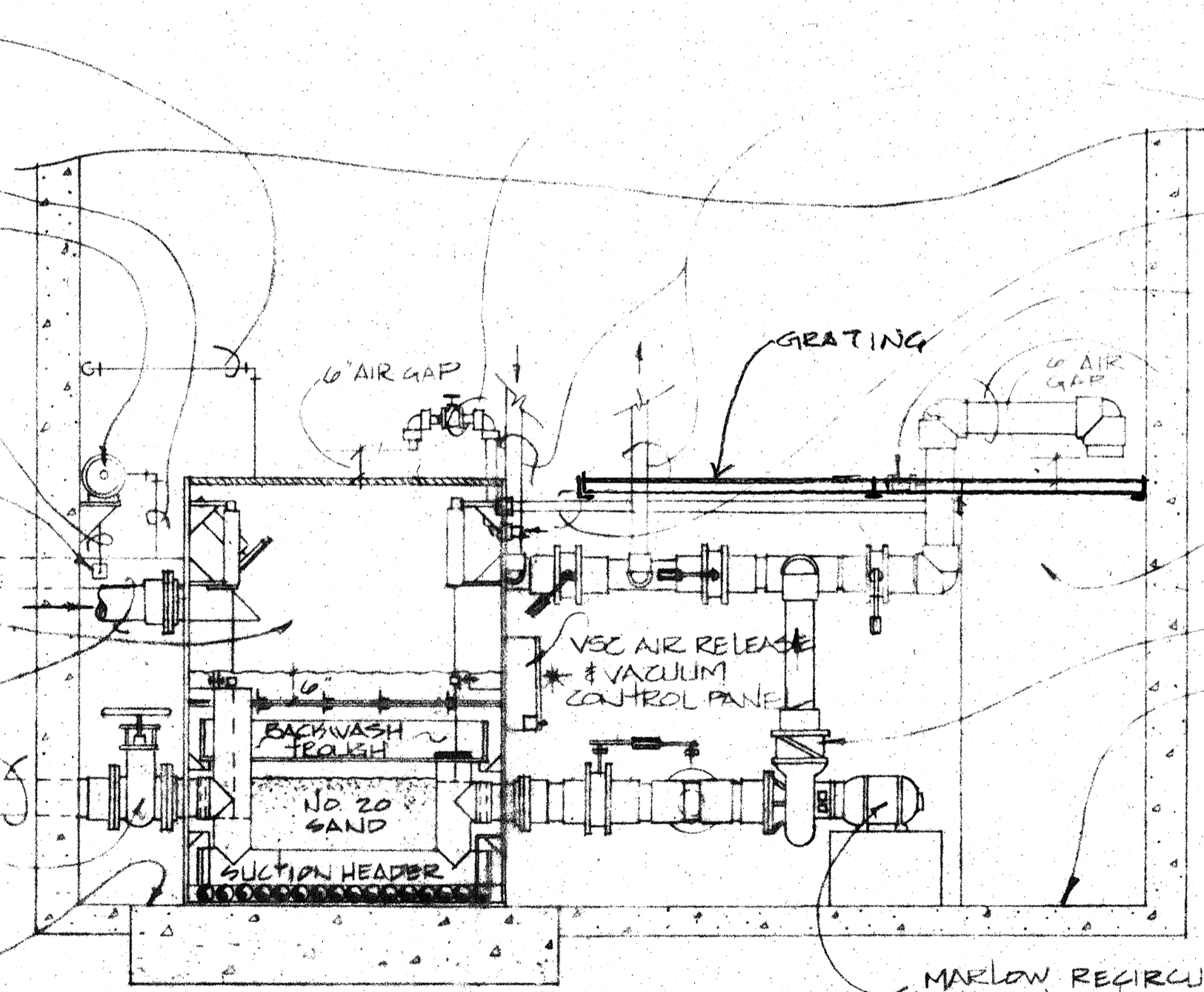
4 FILTER ROOM PLAN
SCALE: 3/8" = 1'-0"

8" MAIN DRAIN LINE & ELEV. = (-) 5'-5 3/8"
6" BYPASS TO DRAIN POOL
6" RETURN TO POOL LINE & ELEV. = (-) 1'-11 1/16"
SODA ASH CHEMICAL LINE FROM FEEDER TO TAP IN RETURN
GAS CHLORINE LINE
CHLORINE EJECTOR
CHLORINE BOOSTER PUMP, AURORA MODEL 135-1505, 1 HP, 1Ø, 60 ~, RATED FOR 195 GPM @ 100' TDH.
3/4" SAMPLE LINE TO HYDROANALYZER'S FLOWCELL (TAP BOTTOM OF RETURN LINE)
BOOSTER PUMP SUCTION LINE (TAP BOTTOM OF RETURN LINE)
PLEXI-GLASS VIEW PORT
HEATER CONNECTIONS
GAS CHLORINATOR
FLOWMETER
SIGHT GLASS
3" FILTER OVERFLOW LINE
3" CHECK VALVE
3'-0" x 3'-0" SUMP PIT
GRAVITY DRAIN TO DISPOSAL POINT FOR 697.5 GPM FOR 2 TO 4 MINUTES.

NOTE: VAC AIR RELEASE & VACUUM CONTROL PANEL ASSEMBLY 5V, 60V, 2 AMP. CIRCUIT POWER TO BE CONNECTED TO 115 V ELECTRICAL HEAD CONTACTOR MAIN PUMP & MOTOR. INTER. ELECTRICAL WIRING & CONNECTIONS TO BE MADE BY CONTRACTOR.

NOTE: THE SODA ASH FEEDER & BOOSTER PUMP RELAY ARE EACH ACTUATED BY THE HYDROANALYZER.

3/4" SAMPLE LINE TO HYDROANALYZER'S FLOWCELL (TAP BOTTOM OF RETURN LINE).
BOOSTER PUMP SUCTION LINE (TAP BOTTOM OF RETURN LINE).
CHLORINE BOOSTER PUMP AURORA MODEL 135-1505, 1 HP, 1Ø, 60 ~, RATED FOR 195 GPM @ 100' TDH.
BOOSTER PUMP DISCHARGE LINE TO CHLORINE EJECTOR.
CHLORINE EJECTOR
6" RETURN LINE & ELEV. (-) 1'-11 1/16"
7'-0 3/8" x 6'-0 3/8" x 9'-0" DEEP VACUUM SAND FILTER W/ 40 SQ. FT. OF FILTER AREA.
8" PERIMETER OVERFLOW LINE & ELEV. (-) 1'-9 3/8"
8" MAIN DRAIN LINE & ELEV. (-) 5'-5 3/8"
8" MAIN DRAIN GATE VALVE
6" BYPASS TO DRAIN POOL
9'-0 3/8" x 8'-0 3/8" x 1'-6" THICK CONCRETE SLAB



5 FILTER ROOM ELEVATION
SCALE: 3/8" = 1'-0"

MARLOW RECIRCULATING PUMP & MOTOR, MODEL 6T56, 15 HP, 230/460 V, 3Ø, 60 ~, 1750 RPM, RATED FOR 697.5 GPM @ 20' TDH.

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| | | DRAWN: MJG CHECKED: FAP APPROVED: FAP | | |