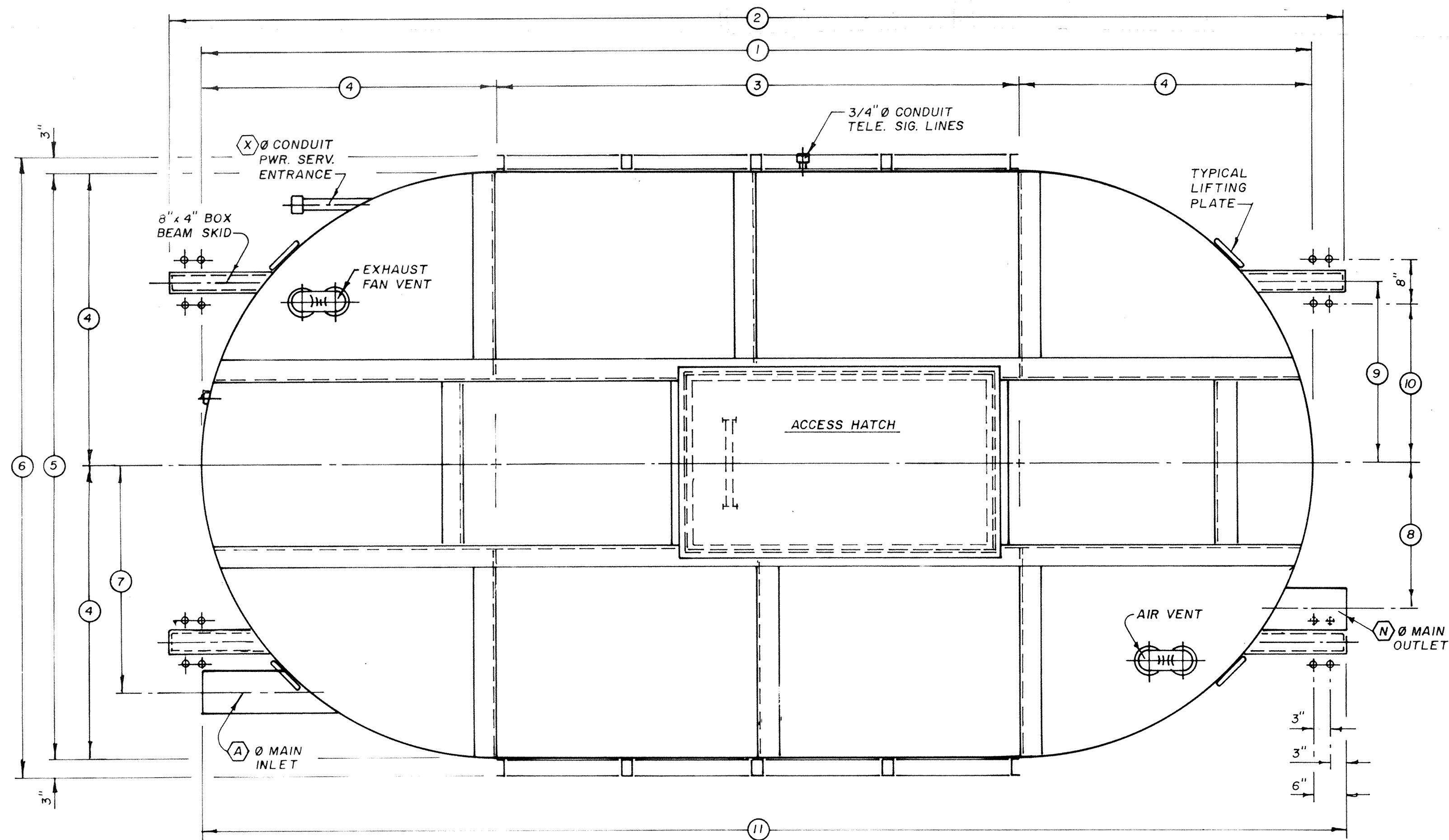
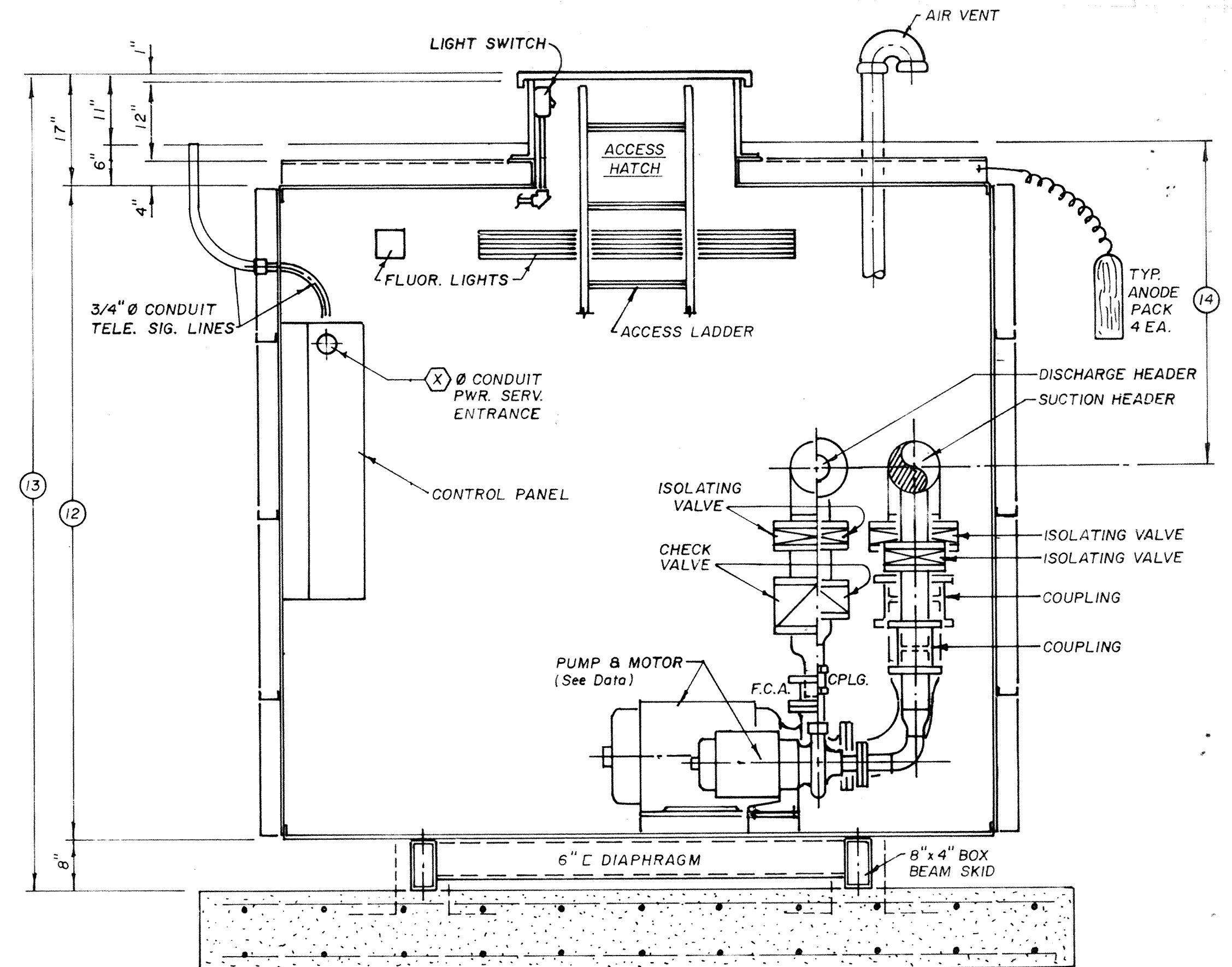


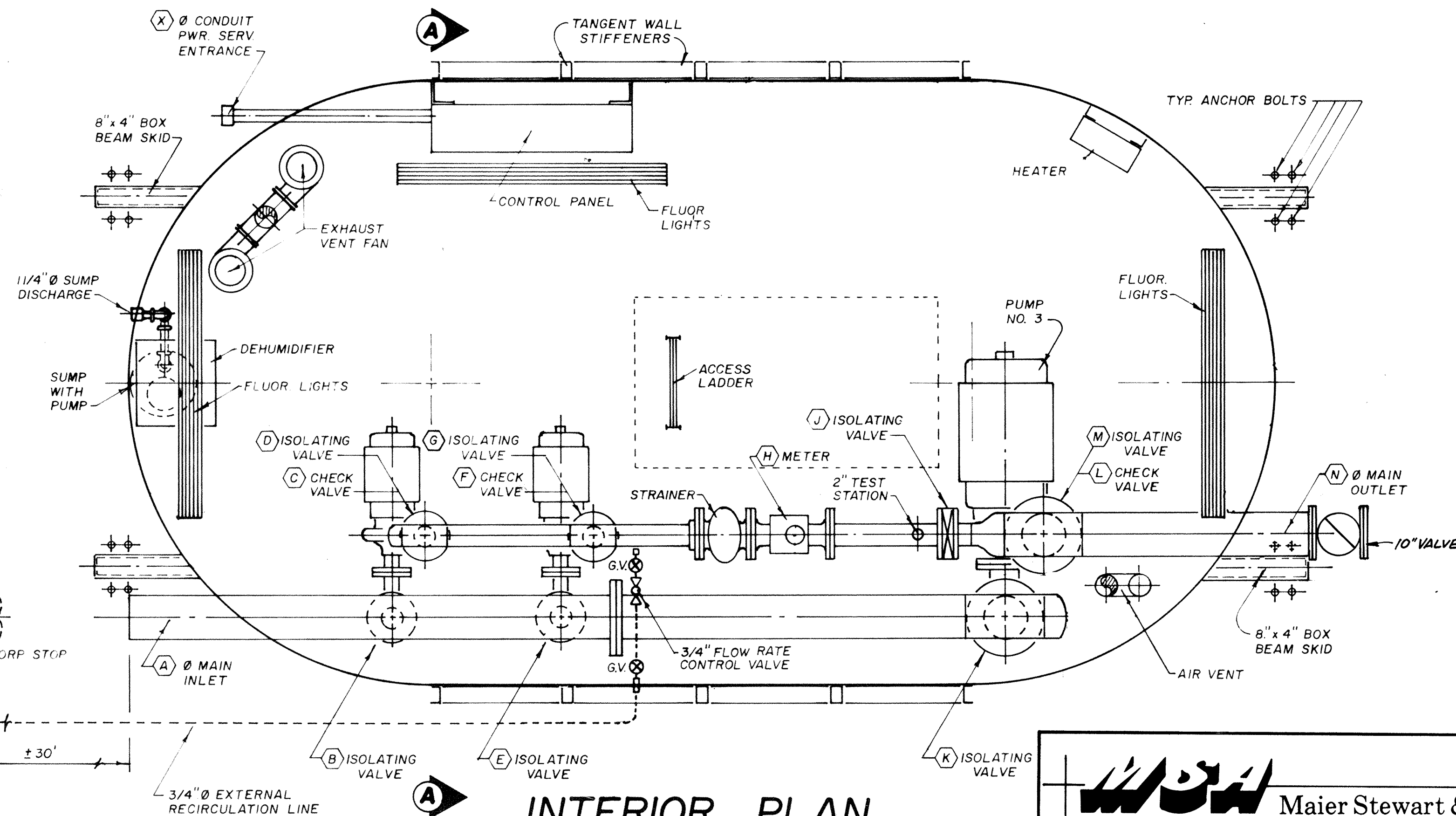


EXTERIOR PLAN



Reinforced concrete pad and anchor bolts by installing Contractor in accordance with the equipment dimensions shown and/or as directed by the Engineer.

SECTION "A-A"



INTERIOR PLAN

DESIGN CRITERIA

Type Controls: CONSTANT PRESSURE W/BACK UP & RECIRC. LINE
 Power Service: 460 Volts, 3 Phase, 60 Cycle, 3 Wires
 (X) 2 "Dia. Conduit, Power Service Entrance

PUMP DATA

Type: Horizontal, Close Cpld., End Suction
 Pump No 1
 Capacity: 200 G.P.M. at 75 Feet T.D.H.
 Size: 2.5" x 3" x 10"
 Motor: 7.5 H.P., 1750 R.P.M.
 Pump No 2
 Capacity: 200 G.P.M. at 75 Feet T.D.H.
 Size: 2.5" x 3" x 10"
 Motor: 7.5 H.P., 1750 R.P.M.
 Pump No 3
 Capacity: 1000 G.P.M. at 130 Feet T.D.H.
 Size: 5" x 4" x 13"
 Motor: 50 H.P., 1750 R.P.M.

SIZING & DIMENSIONAL DATA

(A) 10" Ø MAIN INLET	(1) 17'-0" CAPSULE LENGTH
(B) 4" ISOLATING VALVE	(2) 18'-0" TOTAL SKID LENGTH
(C) 4" CHECK VALVE	(3) 8'-0" TANGENT WALL LENGTH
(D) 4" ISOLATING VALVE	(4) 4'-6" ROLLED END RADIUS
(E) 4" ISOLATING VALVE	(5) 9'-0" CAPSULE WIDTH
(F) 4" CHECK VALVE	(6) 9'-6" TOTAL STRUCTURE WIDTH
(G) 4" ISOLATING VALVE	(7) 3'-6" Ø CAPSULE TO Ø MAIN INLET
(H) 6" METER W/STRAINER	(8) 2'-3" Ø CAPSULE TO Ø MAIN OUTLET
(J) 6" ISOLATING VALVE	(9) 2'-9" Ø CAPSULE TO Ø OF SKIDS
(K) 8" ISOLATING VALVE	(10) 2'-5" Ø CAPSULE TO ANCHOR BOLT
(L) 8" CHECK VALVE	(11) 17'-6" TOTAL LAYING LENGTH
(M) 8" ISOLATING VALVE	(12) 8'-3" CAPSULE HEIGHT
(N) 10" Ø MAIN OUTLET	(13) 10'-4" TOTAL STRUCTURE HEIGHT
	(14) 4'-0" DEPTH OF BURY, Ø OF MAIN *



480 CEDAR STREET

(612) 227-9475

ST. PAUL, MINNESOTA 55101

DATE	DESCRIPTION	DESIGNED
		CHECKED
		DRAWN
		GRAPHIC SCALE
		0 HORIZ. 50
		0 VERT. 5

CITY OF ELK RIVER
 DEERFIELD 3RD ADDITION
 BOOSTER PUMP DETAILS

DATE MAY 1986 SHEET 31 OF 31 SHEETS PROJECT NO. 220-020

DRAWING NUMBER

DRAWING NUMBER

DRAWING NUMBER

DRAWING NUMBER
 DEERF3.86