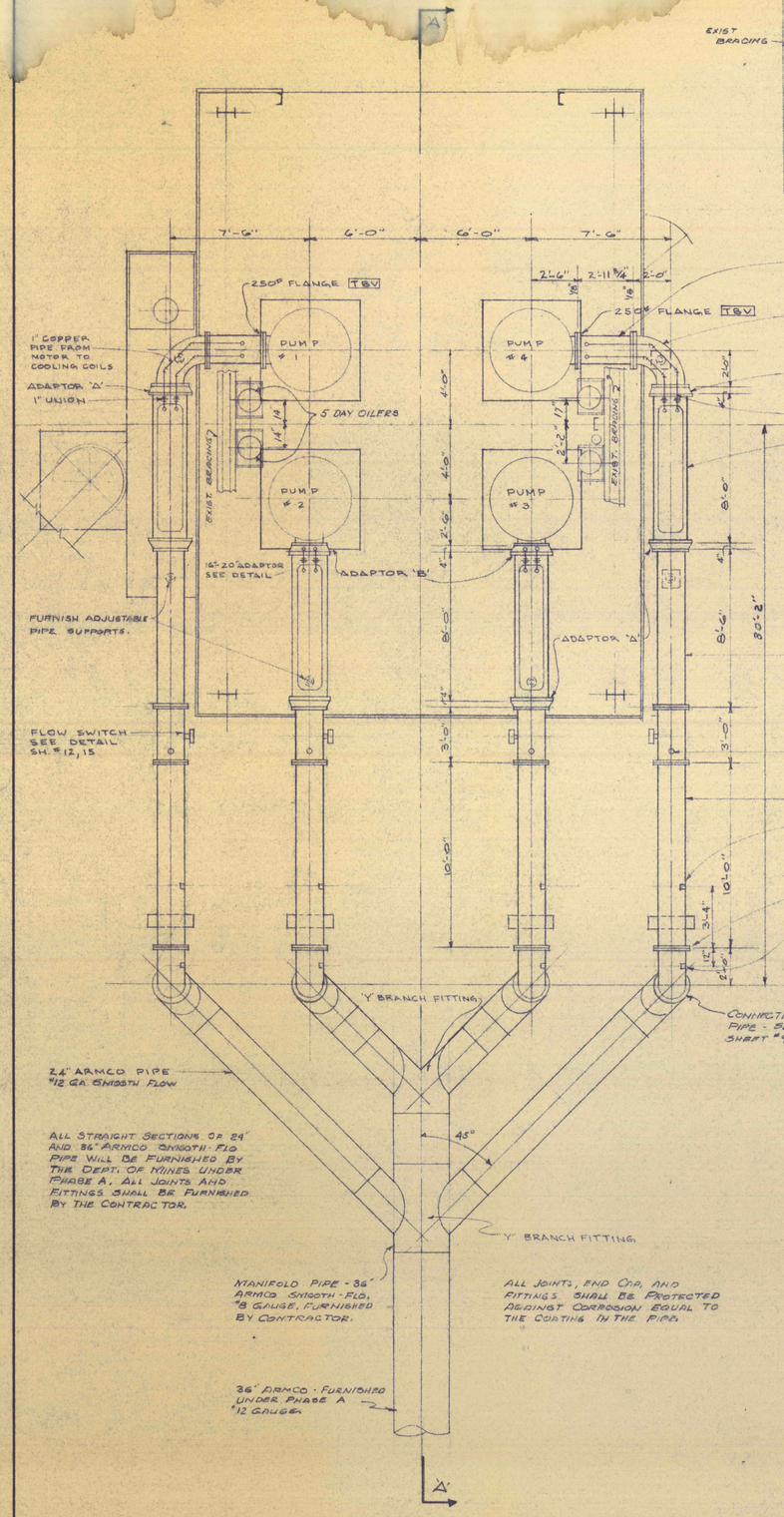


PLAN OF PUMP HOUSE

SCALE 1/4" = 1'-0"

ALL STRAIGHT SECTIONS OF 24" AND 36" ARMCO SMOOTH-FLO PIPE WILL BE FURNISHED BY THE DEPT. OF MINES UNDER PHASE A. ALL JOINTS AND FITTINGS SHALL BE FURNISHED BY THE CONTRACTOR.

16" A.S.A. CLASS 150 CI PIPE - ONE CLASS 125 AND ONE CLASS 250 FLANGES

16"-90° LR CI ELBOW - CLASS 125

20" TO 16" ADAPTOR SEE DETAIL ADAPTOR 'A'

SUPPORT OIL COOLING PIPES FROM FLANGES.

COOLING COIL HOUSING, SEE DETAIL THIS SHEET

NOTE - PIPE SHALL BE A.S.A. STD. 150 CAST IRON PIPE, ASA CLASS 125 FITTINGS & FLANGES EXCEPT FLANGE AT PUMP WHICH SHALL BE CLASS 250

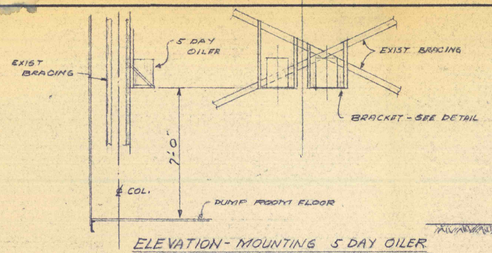
16" CLASS 150 CAST IRON PIPE

4" CHECK VALVE SEE SECT. A-A

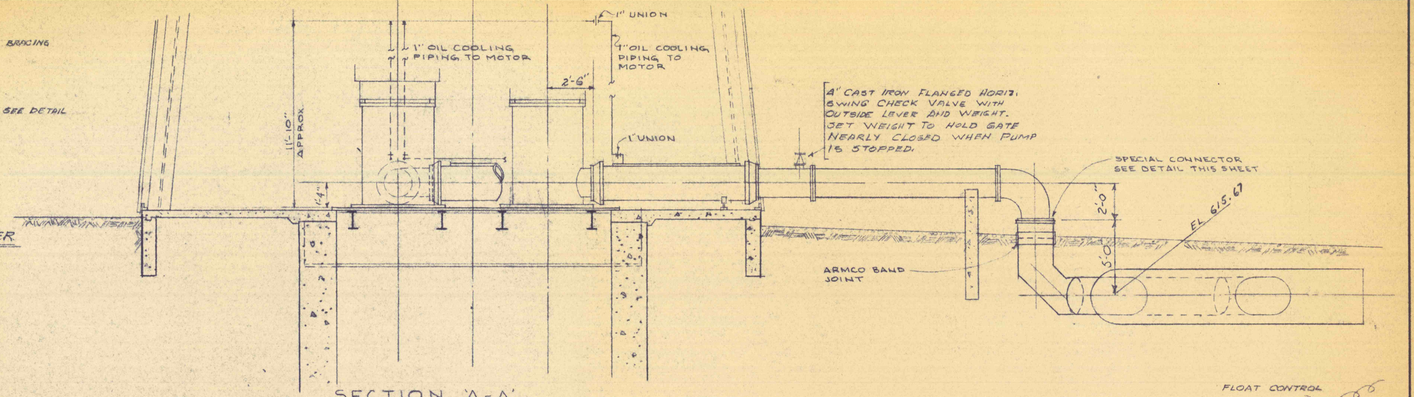
16" CLASS 150 C.I. PIPE

PROVIDE 1/2" PIPE TAP IN SIDE OF EACH DISCHARGE LINE WITH PIPE PLUG FOR USE IN TESTING.

ORIFICE PLATE FOR TESTING TO BE MOUNTED HERE. SPACER PLATE LOCATED HERE FOR THIS PURPOSE. FLOW METERING EQUIP. TO BE FURNISHED FROM BUTTONWOOD CONSIST OF MERCURY GAUGE AND ORIFICE PLATE.

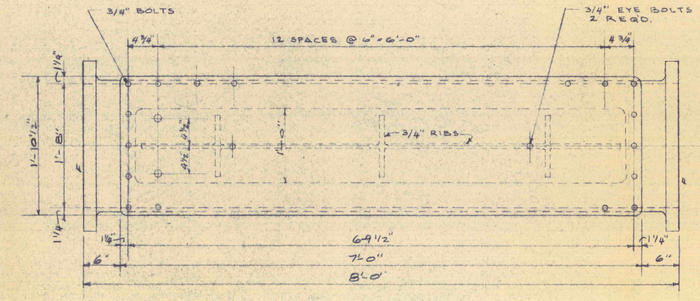


ELEVATION - MOUNTING 5 DAY OILER



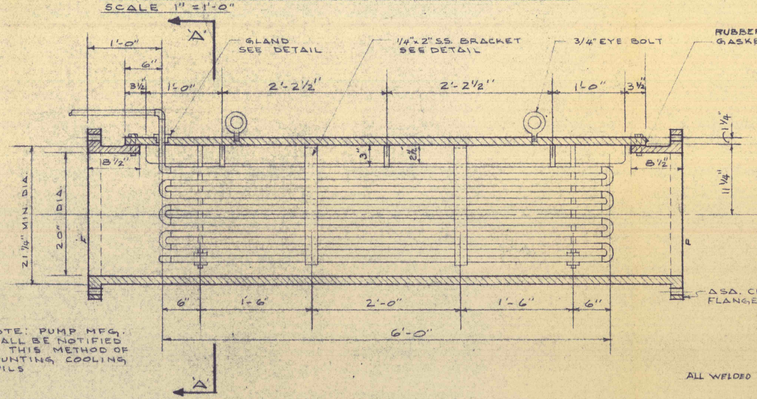
SECTION 'A-A'

SCALE 1/4" = 1'-0"



TOP VIEW OF COOLING COIL HOUSING

SCALE 1" = 1'-0"

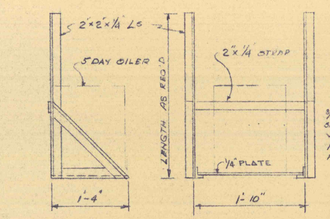


NOTE: PUMP MFG. SHALL BE NOTIFIED OF THIS METHOD OF MOUNTING COOLING COILS

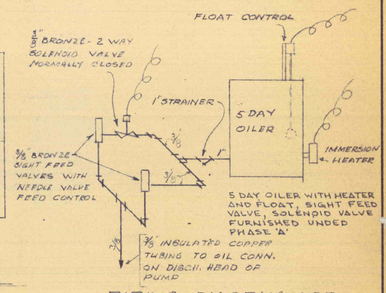
SECTION THRU COOLING COIL HOUSING

SCALE 1" = 1'-0"

CAST IRON 4 REQ'D.

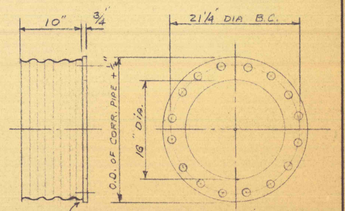


BRACKET FOR MOUNTING 5 DAY OILER



5 DAY OILER WITH HEATER AND FLOAT, SIGHT FEED VALVE, SOLENOID VALVE FURNISHED UNDER PHASE 'A'

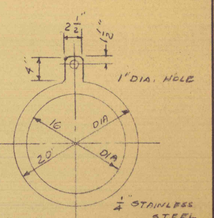
PIPING DIAGRAM FOR 5 DAY OILER



PIPE CONNECTOR

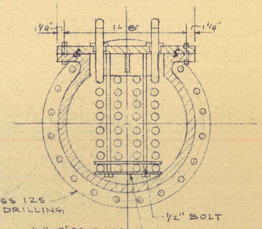
SCALE 1" = 1'-0"

4 REQ'D

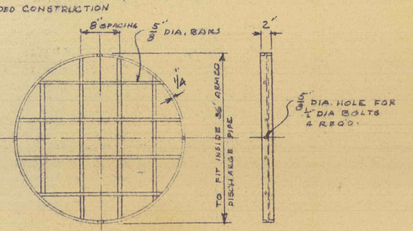


SPACER PLATE

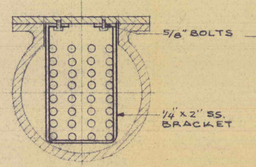
4' REQ'D



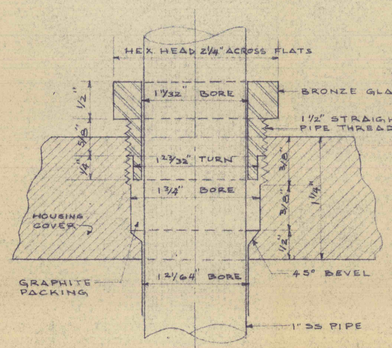
SECTION 'A-A'



TERMINAL GUARD FOR DISCHARGE PIPE

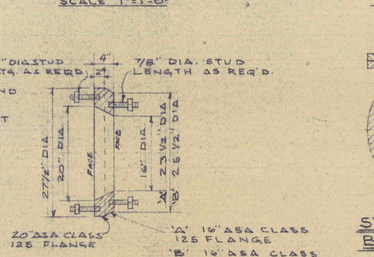


STAINLESS STEEL BRACKET DETAIL



GLAND DETAIL

NO SCALE



20"-16" ADAPTOR TYPE 'A' & 'B'

CAST IRON

6 REQ'D OF TYPE 'A'

2 REQ'D OF TYPE 'B'

DISCHARGE PIPING - PLAN ELEVATIONS DETAILS

• REVISIONS •
OCTOBER 30, 1958
DECEMBER 5, 1958
MARCH 10, 1959
JULY 13, 1959
AUG. 7, 1959
AUG. 20, 1959

FLOOD CONTROL PROJECT NO. 22 PHASE B

PA. DEPT. OF MINES & MINERALS INDUSTRIES

GLENALDEN CORPORATION

TRUESDALE COLL. ASKAM SHAFT

ROUSHEY AND SMITH

ENGINEERS AND CONSULTANTS

189 MARKET ST. KINGSTON, PA

METROPOLITAN WILKES BARRE

SCALE NOTED	JOB G 33
DATE 9-25-58	DWG. No. 9
BY KAE	

COMMONWEALTH OF PENNSYLVANIA — REGISTERED PROFESSIONAL — RAY E. ROUSHEY — ENGINEER No. 10614

COMMONWEALTH OF PENNSYLVANIA — REGISTERED PROFESSIONAL — DONALD DENDLER SMITH — ENGINEER No. 11841