

No.	Size	Description
1	4"	3-600,000 CM. Cable 75 KVA Trans. to Rotary Switch
2	4"	3-600,000 CM. " " " " " "
3	4"	3-600,000 CM. " " " " " "
4	1"	2-10 Stranded Sh. Field Leads Rotary
5	2 1/2"	1-1,000,000 CM. Positive Lead Rotary to D.C. Panel
6	4"	2-600,000 CM. Cable Switch to Converter
7	4"	2-600,000 CM. " " " " " "
8	4"	2-600,000 CM. " " " " " "
9	1 1/2"	2-14 Wires Push Button N°1 Comp. 440 Volts
10	1"	2-12 " Control Wires N°1 Comp. 440 Volts
11	3 1/2"	3-500,000 CM. Cable Motor Leads 440 Volts
12	1 1/2"	2-4 Wires Syn. Motor Field 440 Volt
13	1 1/2"	2-4 " " " " " " " "
14	1 1/2"	2-14 " Disch. Thermostats
15	1 1/2"	2-14 " " " " " " " "
16	1"	2-6 " Intercooler Unloader to Starter Panel N°1 Comp
17	1"	3-12 " N°1 Comp. Pump Motor
18	1 1/2"	2-4 " Water Flow Switch N°1 Comp
19	1"	3-10 " N°1 Exciter M.G. Set Motor Leads
20	1 1/2"	2-14 " 3-10 Wires Int. Control N°1 Comp. D.C.B. Panel
21	3 1/2"	3-500,000 CM. Cable Feeder For Comp. 440 Volts
22	1"	5-12 Wires Rotary SW. to O.C.B. 11 Substation
23	3 1/2"	3-500,000 CM. Cable to 4 Comp. O.C.B. 440 V. Inc. Line
24	1 1/2"	1-1,000,000 CM. " " " " " " " "
25	2 1/2"	3-350,000 CM. Cable Trans. at Substa. to 440 V. Dist. Panel
26	2 1/2"	3-350,000 CM. Cable Trans. at Substa. to 440 V. Dist. Panel
27	2 1/2"	3-350,000 CM. Cable Trans. at Substa. to 440 V. Dist. Panel
28	1 1/2"	2-14 Wires N°2 Comp. Push Button
29	1"	2-12 Control Wires
30	1 1/2"	2-4 Wires Syn. Motor Field Leads N°2 Comp
31	1"	2-6 " Intercooler Unloader to Starter Panel N°2 Comp
32	1 1/2"	2-14 " Disch. Thermostats
33	1 1/2"	2-14 " " " " " " " "
34	1 1/2"	2-12 " Bearing Thermostats
35	1"	3-12 " N°2 Comp. Pump Motor
36	1 1/2"	2-4 " Water Control SW. N°2 Comp
37	1"	3-10 " N°2 Comp. Exciter M.G. Set Motor
38	1 1/2"	2-14 " " " " " " " "
39	2 1/2"	3-350,000 CM. Cable Tie Feed for 440 V. Supply

Conduit Table.

Note: "A" Leave 1" space between compressed fdtn. & floor to prevent transmission of vibration

Colly to furnish
16-Fdtn. bolts 1" dia. x 4'-0" Long (Comp. bolts)
16-Pipes 3" dia. x 1'-6" Long
4-Fdtn. bolts 1 1/2" dia. x 6'-0" Long (Motor bolts)
4-Pipes 3" dia. x 1'-6" Long

Note
The fdtn. must be carried down to a firm footing, to insure satisfactory operation of this Machine. Care should be taken to maintain the dimensions given from top of masonry to top of fdtn. bolts. After compressor is set fill in around bolts with cement. Outline of top of fdtn. must be made to correspond with the dimensions hereon given. Concrete floor and walls of engine room should not be tied to fdtn. because of vibration. Allowance has been made for 3" Grout under Machinery.

Note:
Pitch all Water Pipe toward Tank to insure complete drainage of system as a prevention against freezing

2" Round Reinforcing Rods Spaced 12" x 4" to 4" Horizontal

DESCRIPTION: FDTN. PLAN & LAYOUT FOR 1500 CU. FT. AIR COMPRESSOR & 200 KW. ROTARY CONVERTER.
LOCATION: PACKER N°5 COLLY.

DATE: 6-30-37
MADE BY: H.A.
TRACED BY: H.A.
CHECKED BY: C.B. Naugher
APPROVED BY: C.B. Naugher
ELECT. ENGINEER

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