



F.1 FIRE PROTECTION - FIRE PUMP HOUSE BUILDING 1000 - PLAN

 $1/2'' : 1'-0''$ DESCRIPTION OF MAJOR ITEMS IN PUMP HOUSE

ITEM	DESCRIPTION	QTY.
1	10" SPOOL, LENGTH AS REQUIRED WITH FLANGES	25
2	10" FLANGED 90° ELL. WITH 1/2" TAP	4
3	10" FLANGED 0.5 & Y GATE VALVE WITH 1/2" TAP AND TAMPER SWITCH	4
4	FEBCO MODEL 825 10 REDUCED PRESSURE ASSEMBLY WITH MODULAR RELIEF VALVE AND TEST CONNECTION	4
5	10" FLANGED 0.5 & Y GATE VALVE WITH TAMPER SWITCH	8
6	10" FLANGED TEE	11
7	10" GROOVED SPOOL WITH GROOVED FLANGES, LENGTH AS REQUIRED	4
8	12X10 FLANGED ECCENTRIC REDUCER	4
9	FARBANKS MORSE FIRE PUMP	1
10	12"x8" 283 150 MOTOR U.L., F.M. APPROVED 2500 GPM @ 65 PSI	1
11	10"x8" FLANGED CONCENTRIC REDUCER	4
12	10" FLANGED 90° ELL.	19
13	10" RELIABLE MODEL "C" WAFER CHECK VALVE	8
14	10" FLANGED SPOOL WITH 1/2" WELDED OUTLET	1
15	NISCO WD3510-4 WAFER 10" BUTTERFLY VALVE WITH TAMPER SWITCH	12
16	NISCO WD3510-4 WAFER 10" BUTTERFLY VALVE WITHOUT TAMPER SW	4
17	20" WELDED HEADER WITH OUTLETS AS SHOWN	1
18	20" GROOVED SPOOL WITH GROOVED FLANGES	1
19	6" RELIEF VALVE SET 175# U.L., F.M. APPROVED	3
20	18" FLANGED SPOOL LENGTH AS REQ'D.	3
21	6" FLANGED 90° ELL.	3
22	6"x10" CLOSED WASTE CONE	1
23	10" FLANGED X PLAIN END SPOOL (PAINTED)	1
24	10" FLANGED SPOOL (PAINTED)	1
25	10" FIRE PUMP CONNECTION WITH (B) 1 1/2" OUTLETS AND (B) 2 1/2" ANGLE HOSES, VALVES, CAPS, CHAINS AND 1 1/2" - 10" PLAYSPIPES.	1
26	6" FLANGED 90° ELL.	2
27	6" FLANGED SPOOL, LENGTH AS REQ'D	2
28	6" FLANGED X WELDED SPOOL	1
29	6" RELIABLE MODEL "C" WAFER CHECK VALVE	1
30	6" POTTER ROMBER FOUR WAY MODEL 5236 FIRE DEPT. CONNECTION WITH 1/2" BALL DRIP	1
31	2 1/2" 0.5 & Y FLANGED GATE VALVE	3
32	10" FLANGED SPOOL WITH 1 1/2" OUTLET	2
33	2 1/2" FLANGED SPOOL	10
34	10" FLANGED 90° ELL.	1
35	2 1/2" FLANGED TEE	2
36	2 1/2" FLANGED CHECK VALVE WITH RUBBER FACED FLANGE	1
37	2 1/2" SPOOL WITH 2 1/2"x6" FLG. & 2 1/2"x7" FLG.	2
38	2 1/2" SPOOL WITH 1 1/2" CONTROLLER CONNECTION & 1" RELIEF CONNECTION	1
39	10" FLANGED BASE 90° ELL.	4
40	METRON MODEL 715 ELEC SUCTION PRESSURE CUTOFF PANEL	1
41	JOCKEY PUMP & CONTROLLER	1
42	METRON MODEL 300 4" DISCHARGE LINE 100,000 AMP I.C. 460 VOLT WITH MOTOR LOCK OUT	1
43	METRON MODEL 300 4" DISCHARGE LINE 100,000 AMP I.C. 460 VOLT WITH MOTOR LOCK OUT & SEQUENTIAL START	1
44	FLASHING RED LIGHT AND HORN	1
45	10" WEATHER PROOF 1" BALL BEARING	1
46	2 1/2" WATER FLOW SWITCH	1
47	1 1/2" BRASS CONTROL LINES WITH VALVE AND FITTINGS AS REQ'D - LENGTH AS REQUIRED	12
48	FIRE PUMP SPRINKLER SYSTEM COMPLETE	1
49	20", 10", 6", 4", & 2 1/2" BOLTS, NUTS AND GASKETS	AS REQ'D
50	PIPS STANDS	AS REQ'D
51	PUMP SUPPORTS FROM ROOF STRUCTURE	AS REQ'D
52	2900 GALLON CAPACITY FOM TANK	2
53	4" STAINLESS STEEL BUTTERFLY GATE VALVES	8
54	4" FLEXIBLE CONNECTORS W/FLLOATING FLANGES	1
55	4" STAINLESS STEEL "Y" TYPE STAINER	4
56	260 GALLON @ 200 PSI DISCHARGE PRESSURE FOM CONCENTRATE PUMP & MOTOR ASSEMBLY W/GAUGES & BUILT-IN PRESSURE RELIEF VALVE AND BY PASS	2
57	8800 GALLON FOM CONCENTRATE	1
58	4" STAINLESS STEEL PRESSURE REGULATING VALVE	2
59	FLUSHING CONNECTION ON 4" SPOOL	1
60	4" STAINLESS STEEL SWING CHECK VALVE 200#	2
61	4" STAINLESS STEEL PIPE & FITTINGS	AS REQ'D
62	6" STAINLESS STEEL PIPE & FITTINGS	AS REQ'D

○ DENOTES ITEM OF EQUIPMENT
 六 DENOTES NODE POINT

[illegible]

**BILL AND HILARY CLINTON
NATIONAL AIRPORT
LITTLE ROCK, AR 72206**

BLDG 1000
REFERENCE
DRAWING

JOB NO.: 21A10111
DATE: MAY 2025
DESIGNED BY: JCF
DRAWN BY: JCF

DRAWING NUMBER

R-17



© 2025 GARVER, LLC
THIS DOCUMENT, ALONG WITH
IDEAS AND DESIGNS CONVEYED
HEREIN, SHALL BE CONSIDERED
INSTRUMENTS OF PROFESSIONAL
SERVICE AND ARE PROPERTY
GARVER, LLC. ANY USE,
REPRODUCTION, OR DISTRIBUTION
OF THIS DOCUMENT, ALONG WITH
THE IDEAS AND DESIGN CONTAINED
HEREIN, IS PROHIBITED UNLESS
AUTHORIZED IN WRITING BY
GARVER, LLC OR EXPLICITLY
ALLOWED IN THE GOVERNING
PROFESSIONAL SERVICES
AGREEMENT FOR THIS WORK.

FOR REFERENCE ONLY

DESCRIPTION

LINTON

BL
RE
DRJOI
DA
DE
DR

D