



METRIC CONVERSION TABLE

ENGLISH (INCHES)	METRIC (MILLIMETERS)
1"	25.4
1/2"	12.7
3/4"	19.1
5/8"	15.9
1/4"	6.4
3/8"	9.5
1/2"	12.7
5/8"	15.9
3/4"	19.1
1"	25.4
1 1/8"	28.6
1 1/4"	31.8
1 3/8"	34.9
1 1/2"	38.1
1 5/8"	41.3
1 3/4"	44.5
1 7/8"	47.6
2"	50.8
2 1/8"	54.0
2 1/4"	57.1
2 3/8"	60.3
2 1/2"	63.5
2 5/8"	66.7
2 3/4"	69.9
2 7/8"	73.0
3"	76.2
3 1/8"	79.4
3 1/4"	82.6
3 3/8"	85.8
3 1/2"	89.0
3 5/8"	92.2
3 3/4"	95.4
3 7/8"	98.6
4"	101.6
4 1/8"	104.8
4 1/4"	108.0
4 3/8"	111.2
4 1/2"	114.4
4 5/8"	117.6
4 3/4"	120.8
4 7/8"	124.0
5"	127.2

DUNN
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REPLACE AIRCRAFT MAINTENANCE HANGAR
 JTVE99090A
 CRIC - OLF PORT, MISSISSIPPI

ENLARGED AFF AND FIRE PUMP ROOM
 1/2" = 1'-0"

KEY NOTE LEGEND

1. O.S.B.T. GATE VALVE W/TAMPER PROOF SWITCH.
2. PRESSURE GAUGE W/STOP.
3. CHECK VALVE.
4. BALL VALVE.
5. FOAM CONCENTRATE PUMP.
6. FLUSH CONNECTION.
7. CONCRETE EQUIPMENT PAD.
8. LOW INDICATOR.
9. MONITOR RISER.
10. PRE-ACTION AFF SYSTEM RISER.
11. 10" 8" LINE BALANCE PROPORTIONER ASSEMBLY.
12. PRESSURE CONTROL VALVE.
13. POURED CONCRETE SADDLE SUPPORT (12" WIDE).
14. FIXED FOAM CONCENTRATE FILL PUMP.
15. FOAM TEST CONNECTION.
16. 2" TO 4" DRAIN HEADER PIPED TO HANGAR FLOOR.
17. 8" FOAM TEST HEADER.
18. MANUAL FILL CUP.
19. FOAM STORAGE TANK.
20. 1 1/2" TANK DRAIN/FILL W/THREADED CAP.
21. AFF CONCENTRATE SUPPLY PIPE TO PROPORTIONERS.
22. PRESSURE RELIEF VALVE.
23. 4" MARK RELIEF.
24. 6" X 10" WASTE CONE.
25. 8" OUTSIDE HOSE TEST HEADER.
26. 2 1/2" HOSE VALVES WITH CAPS AND CHAINS.
27. 2 1/2" X 2 1/2" X 6" SHAMISE FIRE DEPT. CONNECTION.
28. RACKED BATTERIES.
29. 2,000 GPM PUMP.
30. 5 HP JOCKEY PUMP.
31. 360 GAL. DOUBLE WALL FUEL STORAGE TANK ON STAND.
32. FUEL STORAGE VENT LINES W/FLAME ARRESTORS.
33. MUFFLER EXHAUST.
34. STRAINER.
35. PRESSURE SWITCH.
36. PRESSURE SUSTAINING VALVE.
37. FLEXIBLE CONNECTION.
38. DIESEL SUPPLY AND RETURN PIPING IN TRENCH.
39. DIESEL SUPPLY AND RETURN PIPING ABOVE FLOOR.

FIRE PUMP SCHEDULE

MARK	PUMP	RATED GPM	TOTAL HEAD	MAX RPM	PRIME MOVER	REMARKS
FP-1	MAIN PUMP	2000	140 PSIG	2100	270 HP DIESEL ENGINE	360 GAL. DOUBLE WALL FUEL TANK
FP-1	JOCKEY PUMP	20	140 PSIG	3600	5 HP, 480V-3P MOTOR	
FP-2	MAIN PUMP	2000	140 PSIG	2100	270 HP DIESEL ENGINE	360 GAL. DOUBLE WALL FUEL TANK
FP-3	BACKUP	2000	140 PSIG	2100	270 HP DIESEL ENGINE	360 GAL. DOUBLE WALL FUEL TANK

ENLARGED AFF AND FIRE PUMP ROOM

DATE: 08-13-09
 DRAWING NO: FP107
 SHEET NO: 108
 DRAWING BY: JMC
 CHECKED BY: JMC
 DESIGNED BY: JMC
 SCALE: 1/2" = 1'-0"

FP107