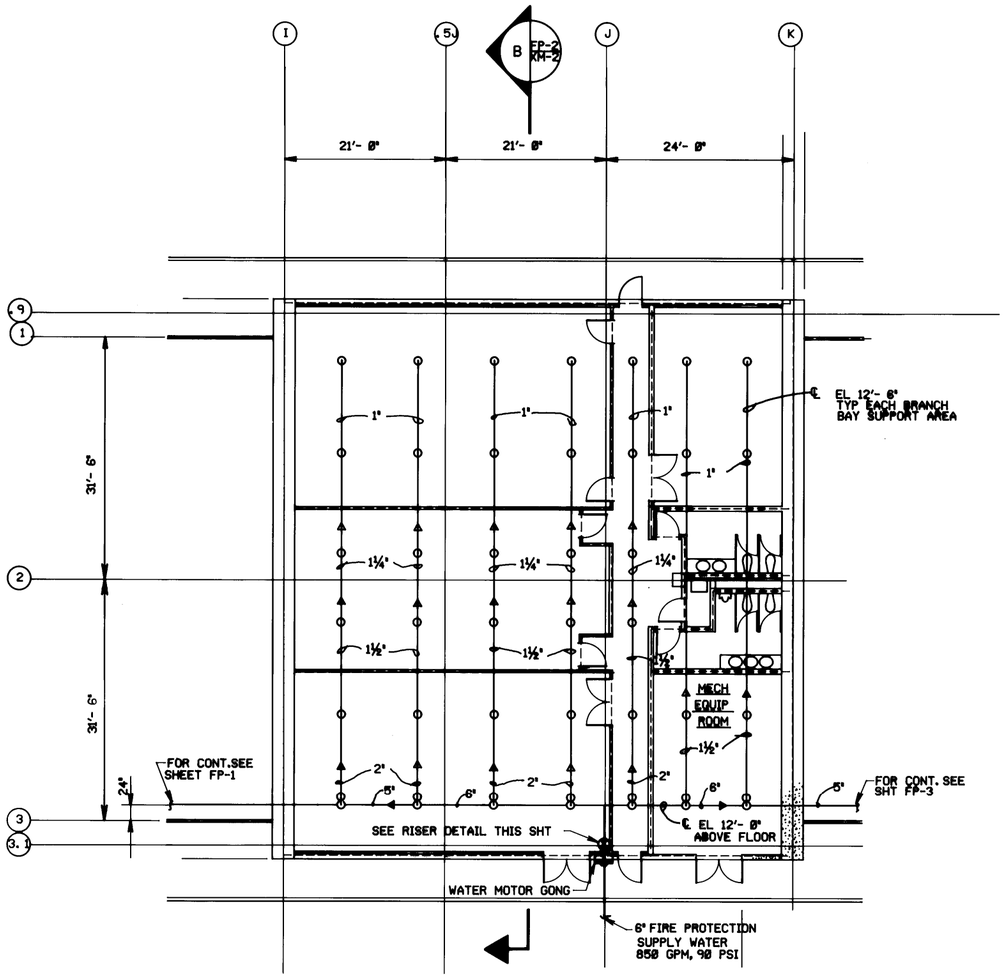
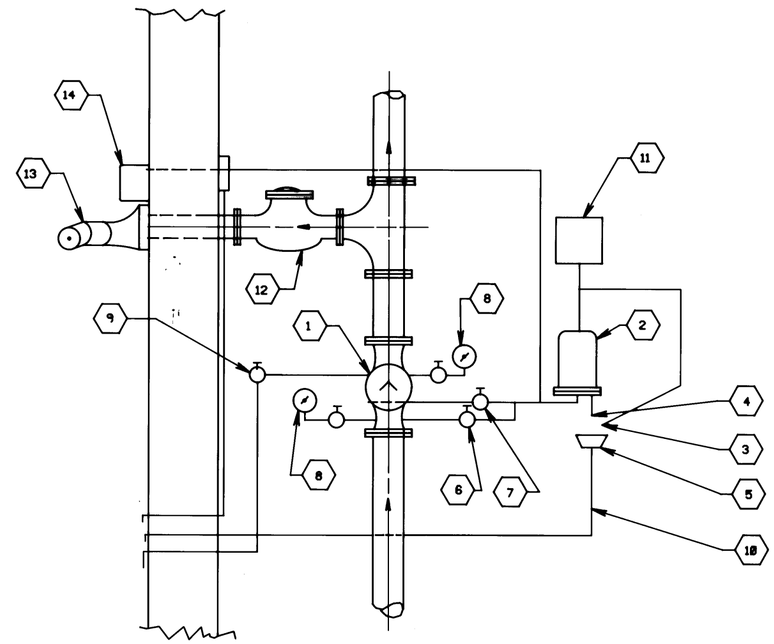


SPRINKLER SYSTEM - PARTIAL FLOOR PLAN

SCALE: 1/8" = 1'- 0"



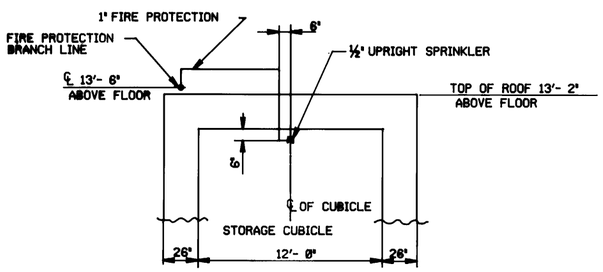
WET PIPE SPRINKLER RISER DETAIL (1 / FP-1, FP-2)

N. T. S.

1. ALARM CHECK VALVE
2. RETARDING CHAMBER
3. RESTRICTED VENT
4. AUTOMATIC DRIP
5. DRIP CUP
6. ALARM TEST VALVE (N.C.)
7. ALARM SHUT-OFF & CHECK VALVE (N.O.)
8. WATER PRESSURE GAUGES
9. MAIN DRAIN VALVE
10. DRIP CUP DRAIN THRU WALL TO OUTSIDE
11. ALARM TRANSMITTER
12. CHECK VALVE
13. FIRE DEPARTMENT CONNECTION
14. WATER MOTOR GONG

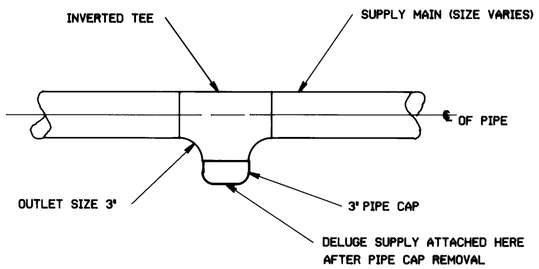
NOTES

1. THE SPRINKLER SYSTEM IN THE BAY SUPPORT AREA SHALL MEET THE REQUIREMENT OF LIGHT HAZARD OCCUPANCY & SHALL CONFORM TO NFPA NO. 13. TYPE OF CONSTRUCTION IS NONCOMBUSTIBLE.
2. AUTOMATIC SPRINKLERS SHALL BE ½" UPRIGHT TYPE WITH ORDINARY TEMPERATURE RATING EXCEPT THOSE WITHIN 7 FT RADIUS OF A UNIT HEATER SHALL BE HIGH TEMPERATURE RATED AT 286 F & THOSE WITHIN THE 28 FT CONE OF THE UNIT HEATER FACE SHALL BE INTERMEDIATE TEMPERATURE RATED RATED AT 212 F.
3. THE MECHANICAL EQUIPMENT ROOM SHALL BE SEPARATED FROM THE REST OF THE STRUCTURE BY A 2-HR FIRE RATED WALL.



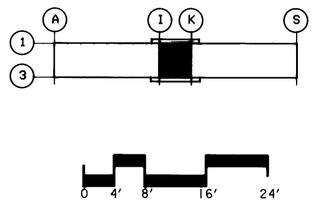
STORAGE CUBICLE SPRINKLER DETAIL (2 / FP-1, FP-2)

N. T. S.



CAPPED DELUGE SUPPLY (1 / FP-1, FP-3, FP-2)

N. T. S.



Symbol	Description	Date	Approved
	Revisions		

US ARMY ENGINEER DIVISION HUNTSVILLE
CORPS OF ENGINEERS
HUNTSVILLE, ALABAMA

Site adapt A/E :

US Army Corps of Engineers

STANDARD DESIGN
AMMUNITION SURVEILLANCE FACILITY

FIRE PROTECTION PIPING PLAN

Dwn. by : C L | Ckd. by : R S

Reviewed by :

Approved by :

Date :

Drawing code : STD 216-12-02

Sheet reference number : FP-2

Design file no. :

Rev.

Sheet of