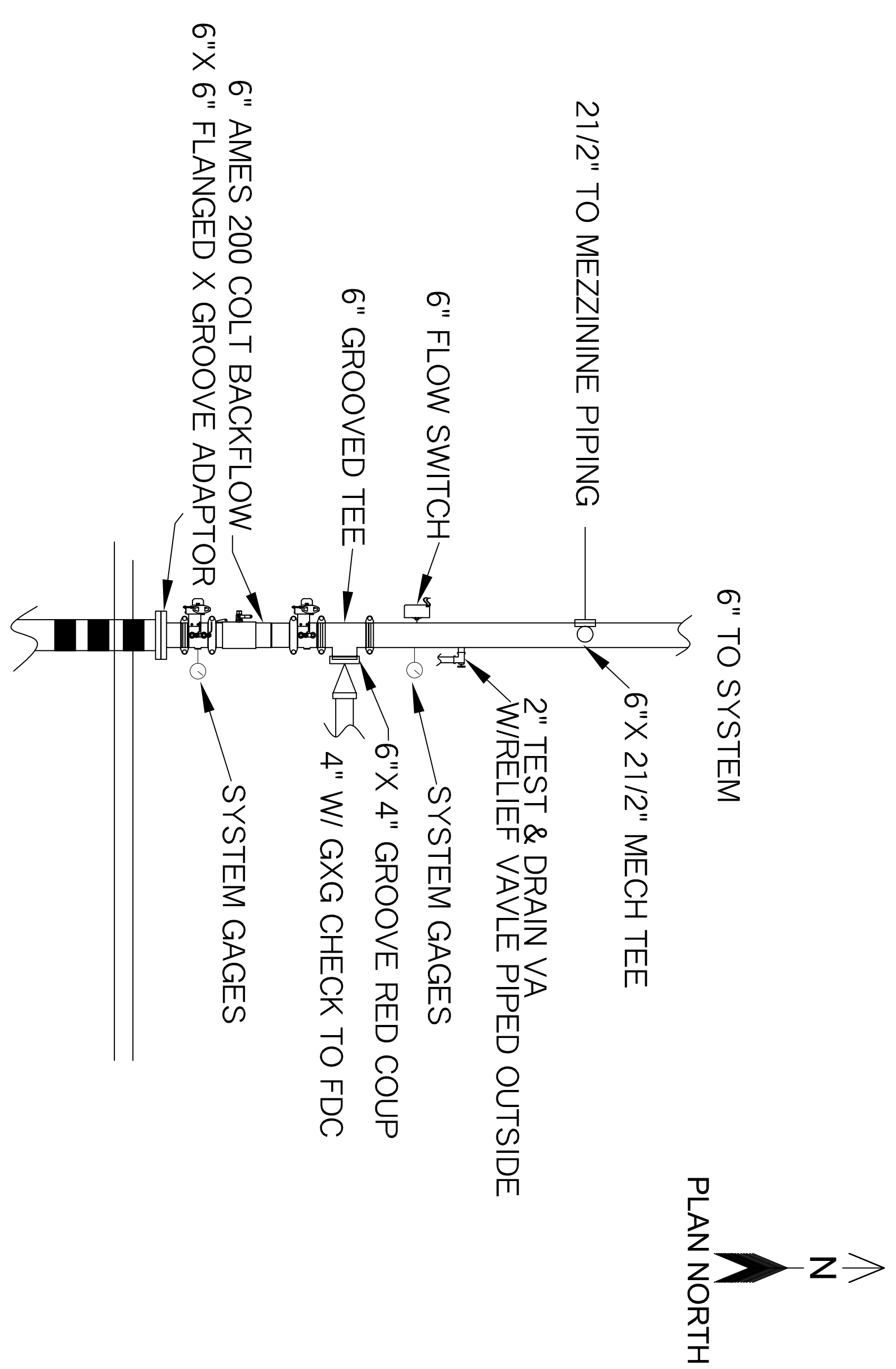
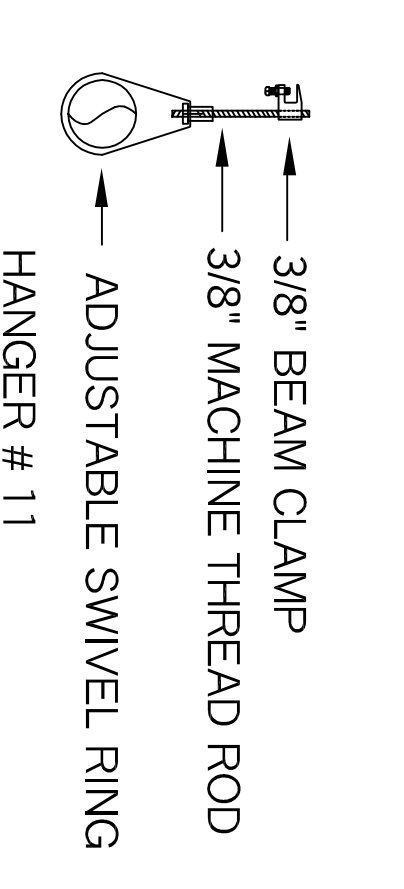
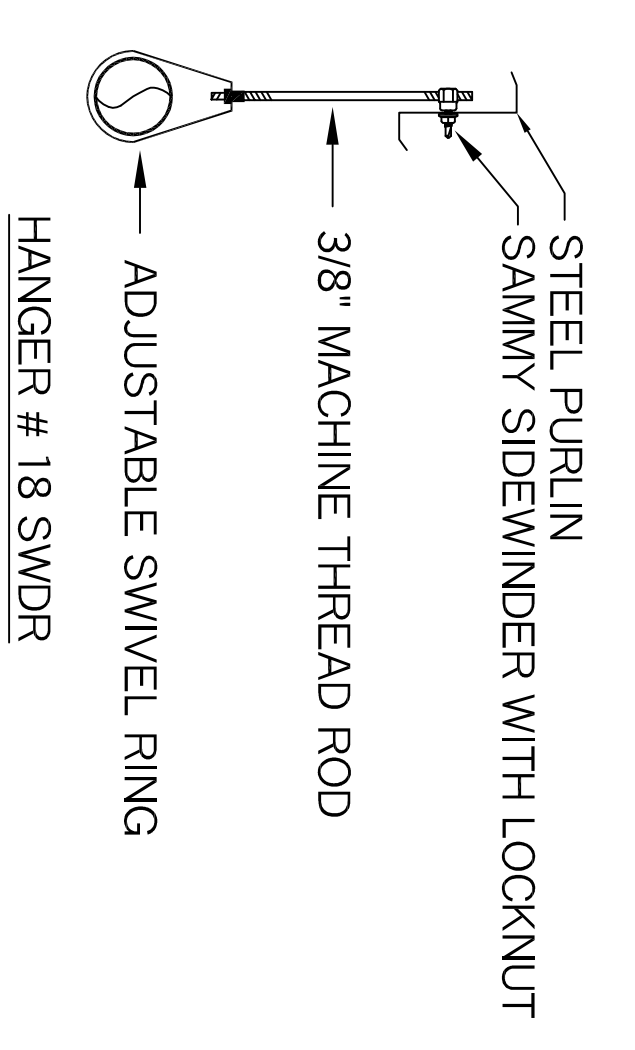


CROSS SECTION  
NOT TO SCALE



EXISTING RISER DETAIL  
NOT TO SCALE



ALL HANGERS TO BE PROVIDED AND INSTALLED AS PER NFPA # 13  
 3/8" ROD FOR 1" TO 4" PIPE

HANGER DETAILS  
NOT TO SCALE

NOTE: BEAM CLAMP TO BE ATTACHED TO ANGLE OF STEEL JOIST AND/OR BEAM FLANGES

**WATER SUPPLY INFO**

- STATIC = 95
- RESIDUAL = 85
- FLOW = 490
- DATE =
- SOURCE = 2" MAIN DRAIN TEST



CUT IN 2 1/2" SHORT RADIUS TEE  
 RISE UP SHORT RADIUS ELBOW

HYDRAULIC DATA:  
 UNDER NEW MEZZANINE  
 BASIS OF DESIGN (NFPA 13)  
 DENSITY AREA OF COVERAGE  
 1038 SQ FT  
 TOTAL THREAD TEMP  
 SPRINKLERS 11 1/2" 155

SYSTEM DEMAND AT BASE OF RISER:  
 PRESSURE FLOW HOSE  
 82.350 315.677

SAFETY MARGIN: 9.89  
 OCCUPANCY: INDUSTRIAL PACKAGING

- LEGEND
- ▷ 155F OR 1/2" WHITE SIDEWALL
  - 155F 1/2 BRASS PENDENT
  - 155F 1/2 BRASS UPRIGHT
  - ⊗ 155F OR 1/2" WHITE RECESSED PENDENT
  - 200F OR 1/2" BRASS UPRIGHT
  - HANGER
  - RISE OR DROP NIPPLE
  - VICTALUC COUPLING
  - FF K=XX FIN FLR TO CENTERLINE OF PIPE
  - C K=XX CEILING TO CENTERLINE OF PIPE
  - TJ K=TOP OF JOIST TO CENTERLINE OF PIPE
  - BJ K=BOTTOM OF JOIST TO CENTERLINE OF PIPE
  - BB K=BOTTOM OF BEAM TO CENTERLINE OF PIPE
  - ELEV K=CIVIL ELEVATION OF CENTERLINE OF PIPE

**SYSTEM DESIGN**

A WET PIPE SYSTEM OF AUTOMATIC SPRINKLERS TO BE DESIGNED AND INSTALLED PER NFPA 13  
 ALL SPRINKLERS TO BE BASED ON ORDINARY HAZARD GROUP II

**GENERAL NOTES**

- ALL DIMENSIONS ARE CENTER TO CENTER U/N
- ALL THREADED PIPE TO BE SCH. 40 BLACK STEEL
- ALL SCREWED FITTINGS TO BE STD. WT. C.I. BLACK
- ALL GROOVED PIPE TO BE SCH 10 BLACK STEEL

REVISION NUMBER	DATE	SUBMITTED BY	TRIP	9-14-17	TITLE
		IPR/AM	BY	SIC	9-18-17
		APPROVED BY	SIC	9-18-17	
		SCALE	2" = 4'	1" = 0' U/N	
		SHEET NO.	1	OF	1

PACK EDGE MEZZANINE  
 352 PRESUMPCOTT ST  
 PORTLAND, MAINE

DATE OF PRINT: 9/18/17  
 NO. OF SPRINKLERS: 28  
 DRAWING NO.: D17043