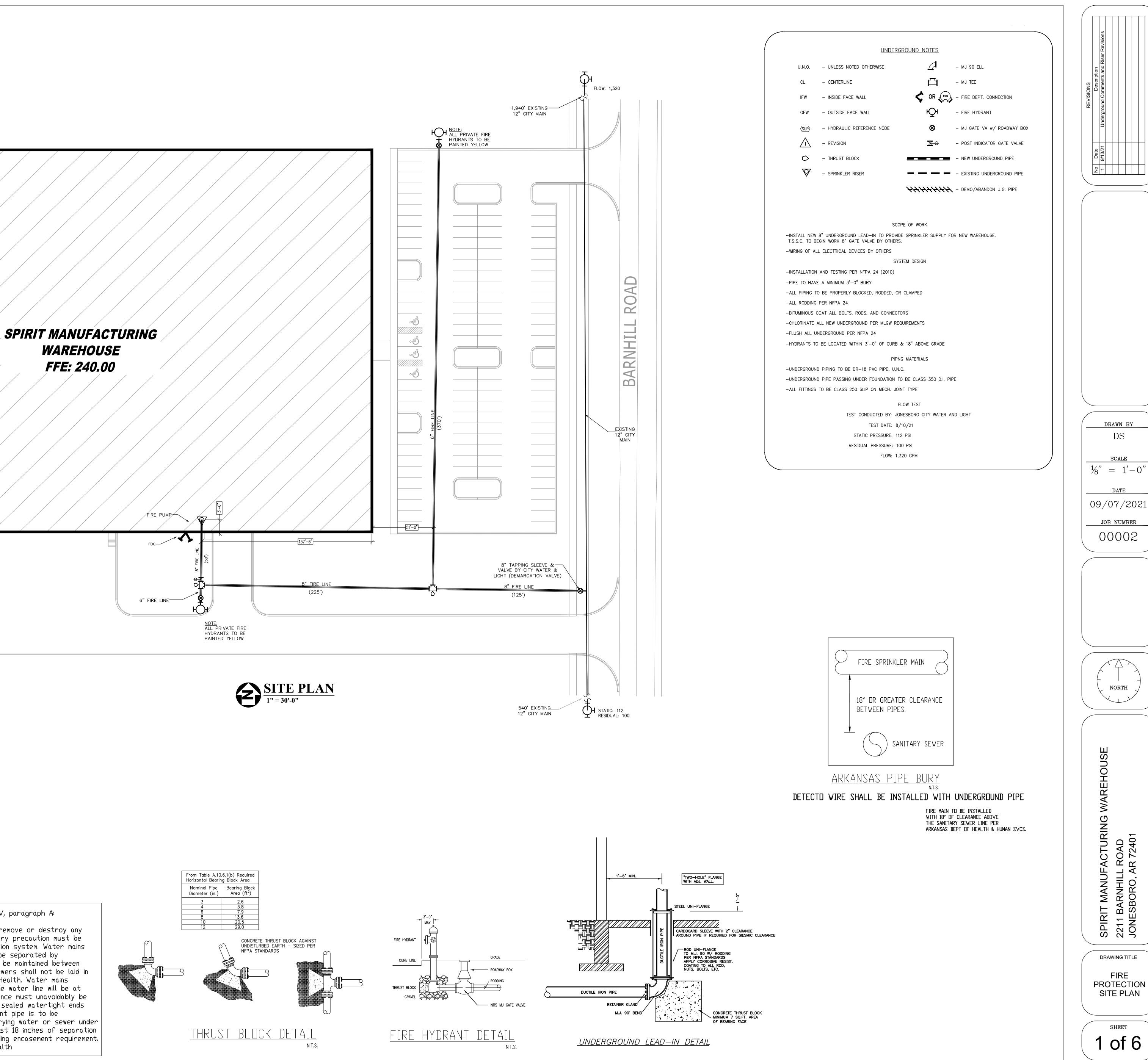
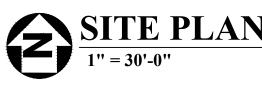
NDTE FOR ARKANSAS HEALTH DEPARTMENT: THE MAXIMUM CALCULATED FLOW THROUGH THE 8" COLT 200 BACKFLOW PREVENTER IS 800.00 GPM. THIS DEVICE IS APPROVED FOR A MAXIMUM FLOW OF 1600 GPM.

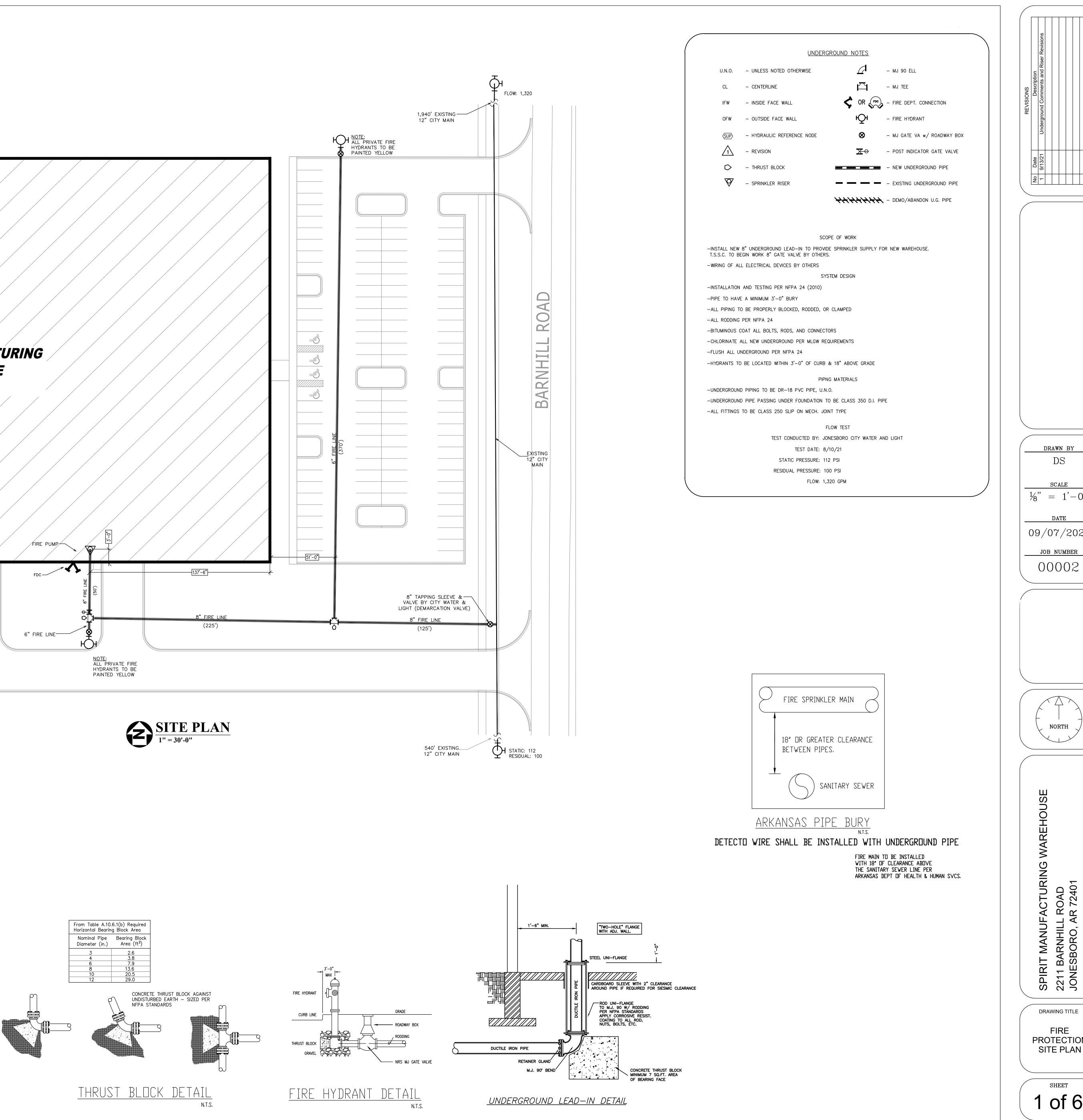
ARKANSAS DEPARTMENT OF HEALTH NOTES: 1. ANTIFREEZE OR OTHER FOREIGN SUBSTANCES SHALL NOT BE USED IN THIS SYSTEM. 2. THE RECOMMENDED CLEARANCES AT THE BACKFLOW PREVENTER SHOULD BE: BOTTOM - 12" MINIMUM, 36" MAXIMUM FRONT (TEST COCK) - 24" MINIMUM REAR - 12" MINIMUM

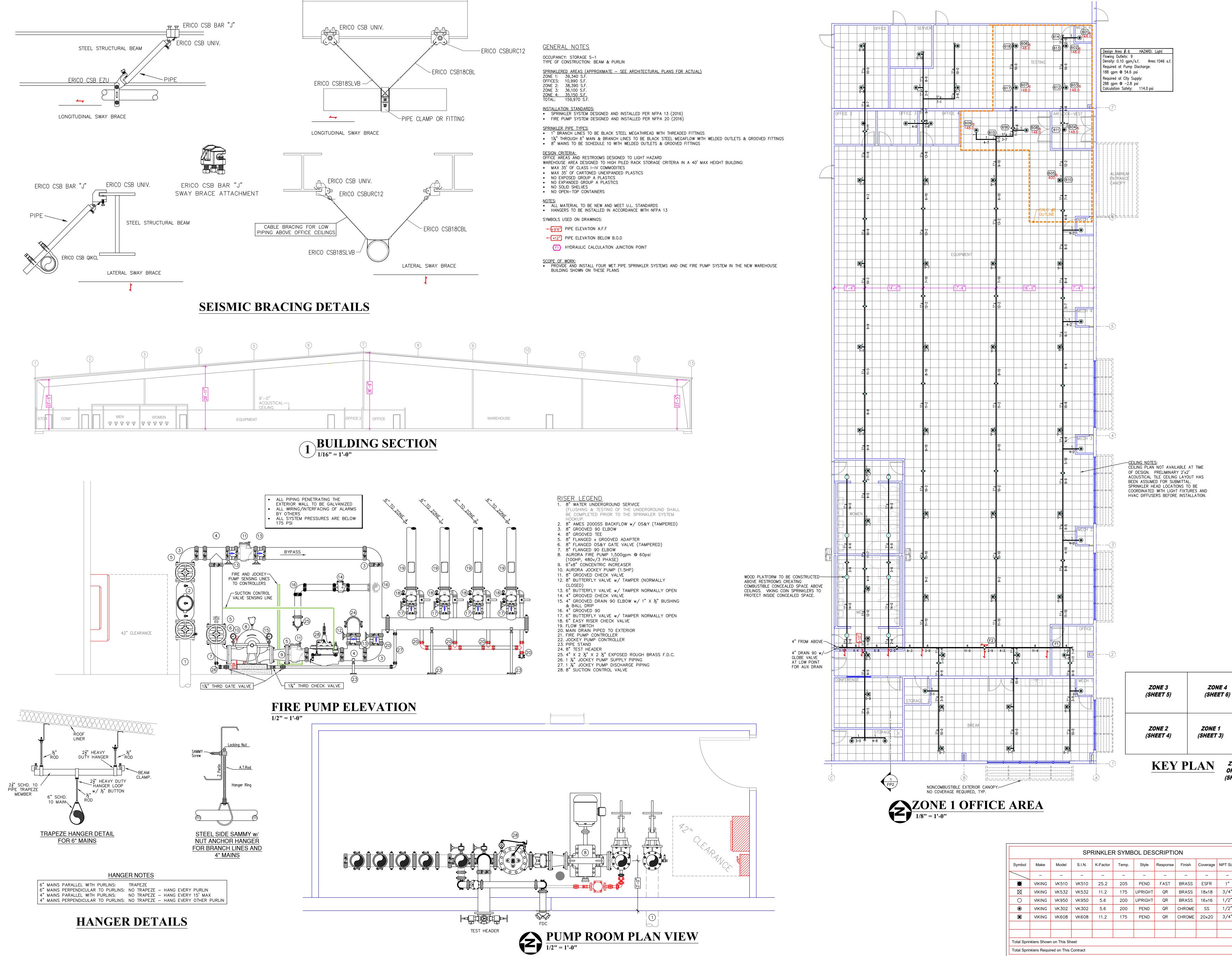
ADH Rules and Regulations Pertaining to Public Water Systems, page 25, section XIV, paragraph A:

The operating routine shall include necessary protective measures to detect and remove or destroy any contaminant of concern or regulation that might enter the distribution system. Every precaution must be taken against the possibility of sewage contamination of the water in the distribution system. Water mains and sanitary sewers shall be constructed as far apart as practicable, and shall be separated by undisturbed and compacted earth. A minimum horizontal distance of ten feet should be maintained between water lines and sewer lines or other sources of contamination. Water lines and sewers shall not be laid in the same trench except on the written approval of the Arkansas Department of Health. Water mains necessarily in close proximity to sewers must be placed so that the bottom of the water line will be at least 18 inches above the top of the sewer line at its highest point. If this distance must unavoidably be reduced, the water line or the sewer line must be encased in watertight pipe with sealed watertight ends extending at least ten feet either side of the crossing. Any joint in the encasement pipe is to be mechanically restrained. The encasement pipe may be vented to the surface if carrying water or sewer under pressure. Where a water line must unavoidably pass beneath the sewer line, at least 18 inches of separation must be maintained between the outside of the two pipes in addition to the preceding encasement requirement. Exceptions to this must be approved in writing by the Arkansas Department of Health

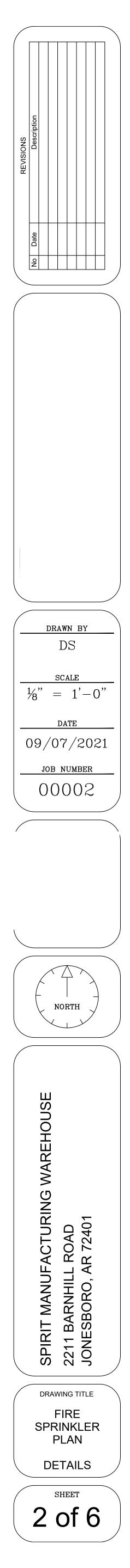




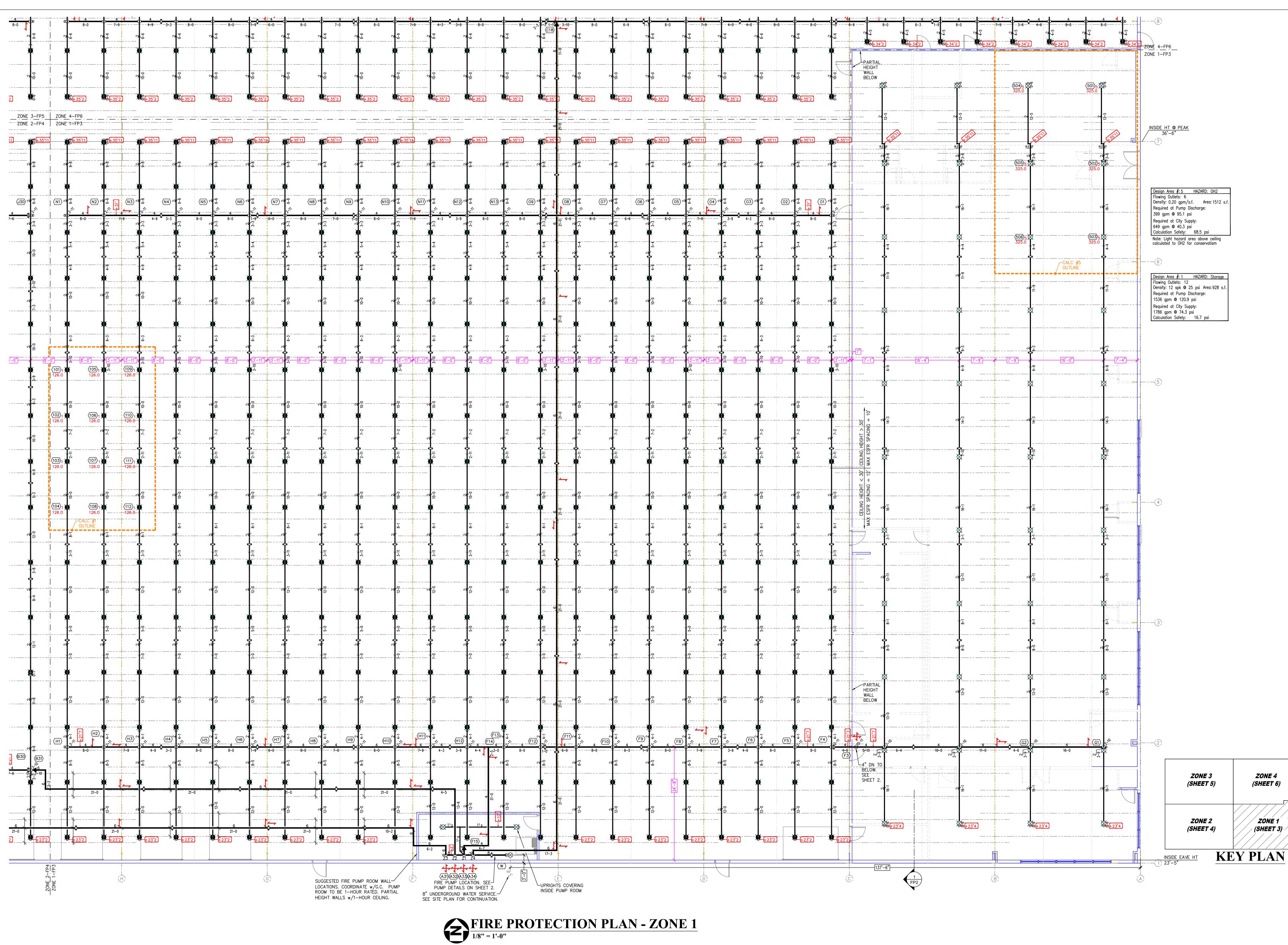




	SPRINKLER SYMBOL DESCRIPTION											
Symbol	Make	Model	S.I.N.	K-Factor	Temp.	Style	Response	Finish	Coverage	NPT Size		
	_	_	-	-	-	-	-	_	_	_		
X	VIKING	VK510	VK510	25.2	205	PEND	FAST	BRASS	ESFR	1"		
X	VIKING	VK532	VK532	11.2	175	UPRIGHT	QR	BRASS	18x18	3/4"		
0	VIKING	VK950	VK950	5.6	200	UPRIGHT	QR	BRASS	16x16	1/2"		
۲	VIKING	VK302	VK302	5.6	200	PEND	QR	CHROME	SS	1/2"		
Ø	VIKING	VK608	VK608	11.2	175	PEND	QR	CHROME	20×20	3/4"		







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Symbol	Make	Model	S.I.N.	K-Factor	Temp.	Style	Response	Finish	Coverage	NPT Size	Tot
	-	-	-	-	-	-	-	_	-	_	_
X	VIKING	VK510	VK510	25.2	205	PEND	FAST	BRASS	ESFR	1"	161
\boxtimes	VIKING	VK532	VK532	11.2	175	UPRIGHT	QR	BRASS	18x18	3/4"	46
0	VIKING	VK950	VK950	5.6	200	UPRIGHT	QR	BRASS	16x16	1/2"	8
۲	VIKING	VK302	VK302	5.6	200	PEND	QR	CHROME	SS	1/2"	26
Ø	VIKING	VK608	VK608	11.2	175	PEND	QR	CHROME	20x20	3/4"	36
Total Sprinklers Shown on This Sheet											37
Fotal Sprinklers Required on This Contract										172	

