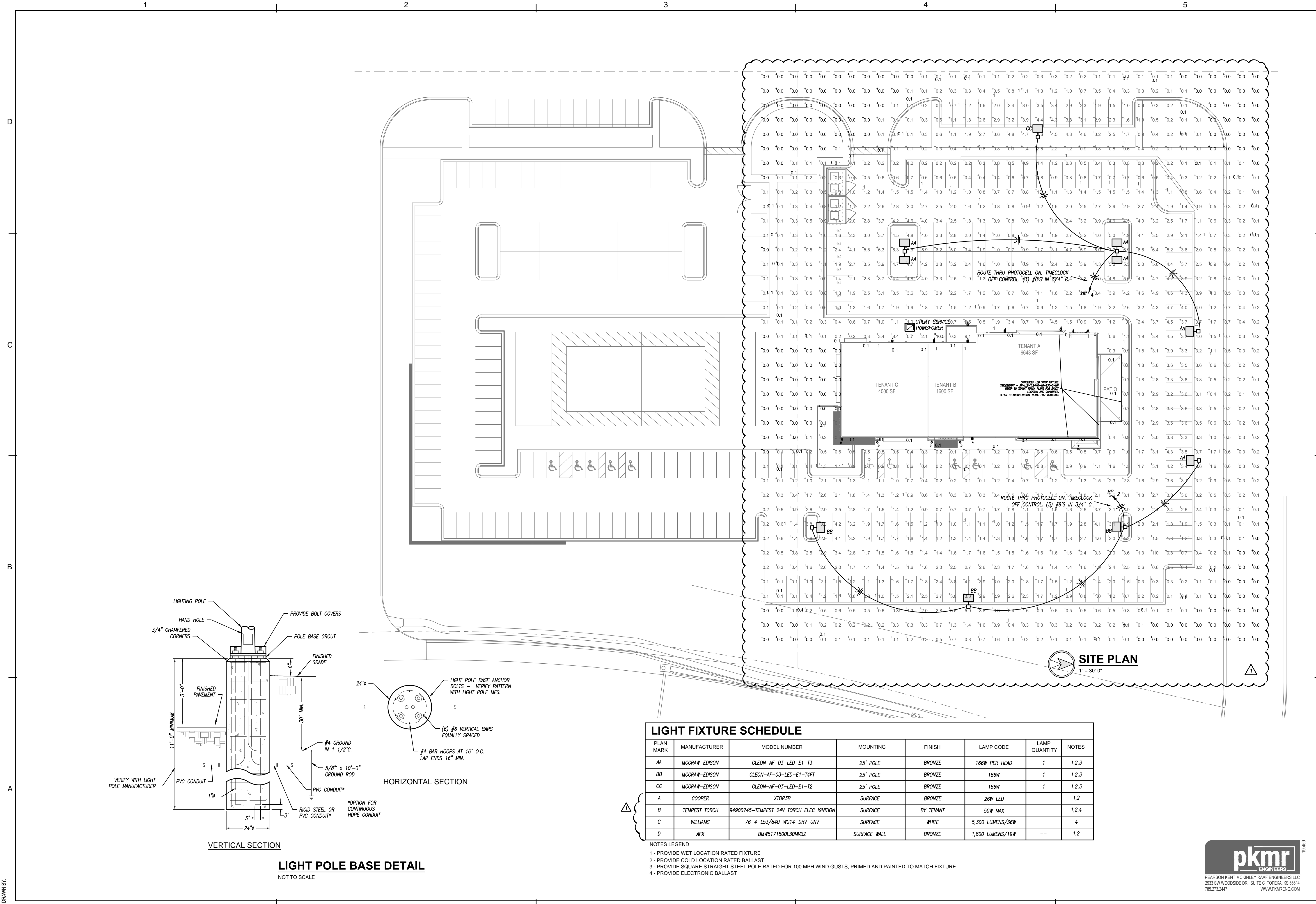


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DRAWN BY: [redacted]






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Scott W. McKinley
PROFESSIONAL ENGINEER
09/13/19
PE-2016007380

MULTI-TENANT BUILDING
STREETS OF WEST PRYOR
LEE'S SUMMIT, MISSOURI

SUBMISSION DATES	
09-13-2019	
 SITE LIGHTING	9-26-19
SHEET TITLE	
MEP SITE PLAN	
PROJECT NUMBER	
171057.1	
SHEET NUMBER	
ME-101	



PEARSON KENT MCKINLEY RAAF ENGINEERS LLC
2933 SW WOODSIDE DR., SUITE C TOPEKA, KS 66614
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19459

FIRE SPRINKLER NOTES:

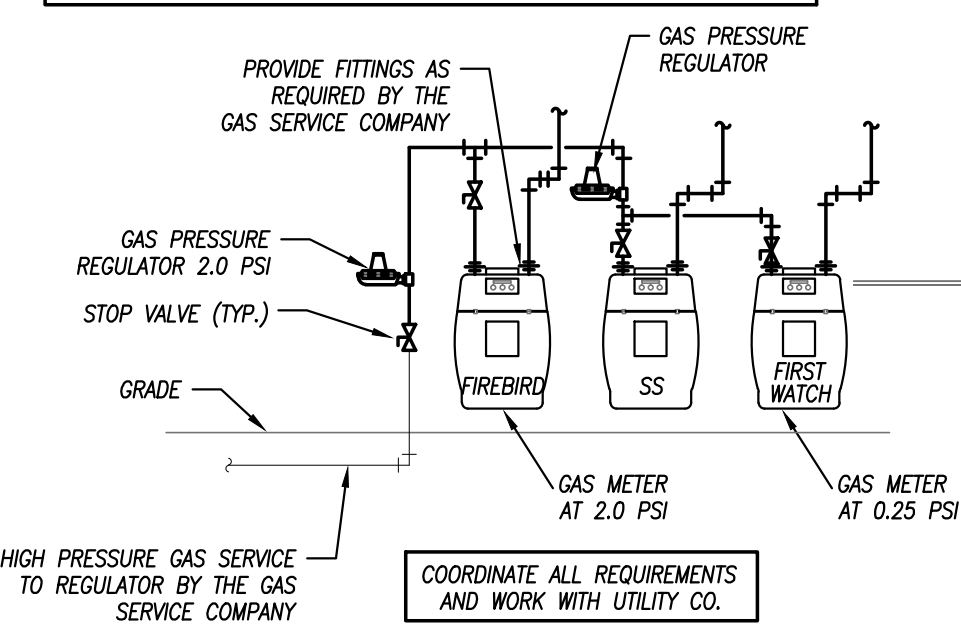
1. ENTIRE SPACE IS TO BE SPRINKLED. AN APPROVED FIRE SPRINKLER CONTRACTOR TO VERIFY EXACT SIZING, SPACING AND LAYOUT AS REQUIRED FOR COMPLETE COVERAGE. CONTRACTOR TO FIELD VERIFY EXACT REQUIREMENTS.
2. THE FIRE SPRINKLER SYSTEM MUST BE INSTALLED AND COMPLY WITH NFPA LATEST EDITION, THE LIFE SAFETY CODE, AND THE INTERNATIONAL FIRE CODE.
3. SUBMIT PLANS AND SUBMITTALS TO THE FIRE MARSHAL. THE SYSTEM SHALL BE INSPECTED FOR COMPLIANCE BY THE FIRE INSPECTOR.

GAS PIPE LOAD AND SIZING

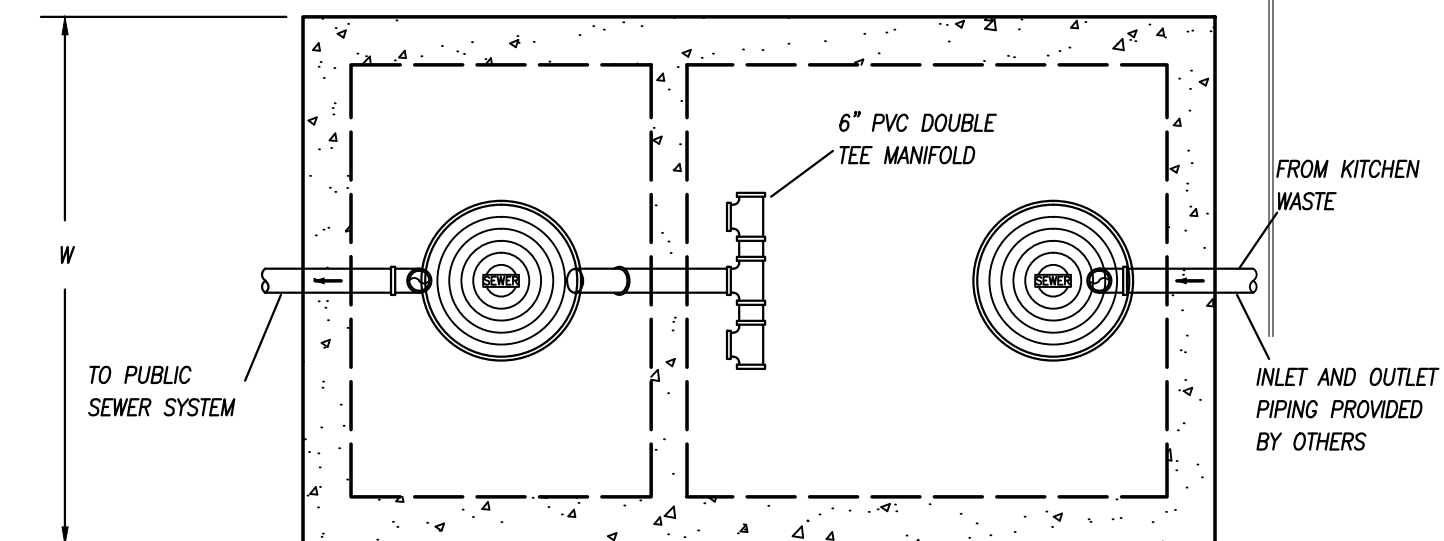
TENANT A - FIREBIRDS RESTAURANT
ANTICIPATED GAS LOAD = 3600 MBH @ 2 LBS PRESSURE
ANTICIPATED LENGTH OF GAS PIPING = 225 FEET
GAS PIPING MAIN SIZE = 2"

TENANT B - SUPPLEMENT SUPER STORE
ANTICIPATED GAS LOAD = 120 MBH
ANTICIPATED LENGTH OF GAS PIPING = 125 FEET
GAS PIPING MAIN SIZE = 1"

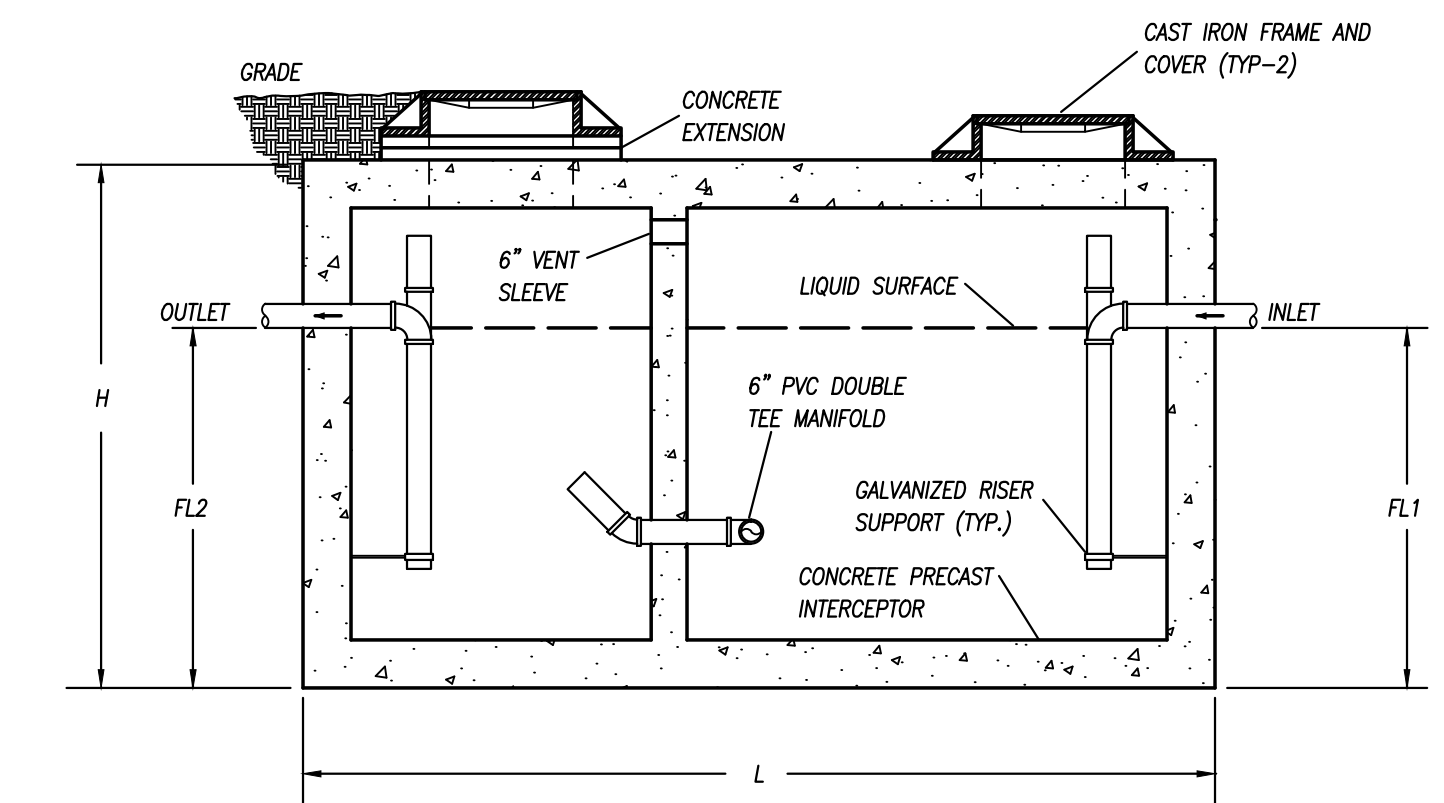
TENANT C - FIRST WATCH RESTAURANT
ANTICIPATED GAS LOAD = 1,900 MBH
ANTICIPATED LENGTH OF GAS PIPING = 150 FEET
GAS PIPING MAIN SIZE = 3"



GAS SERVICE DETAIL
NOT TO SCALE



PLAN VIEW

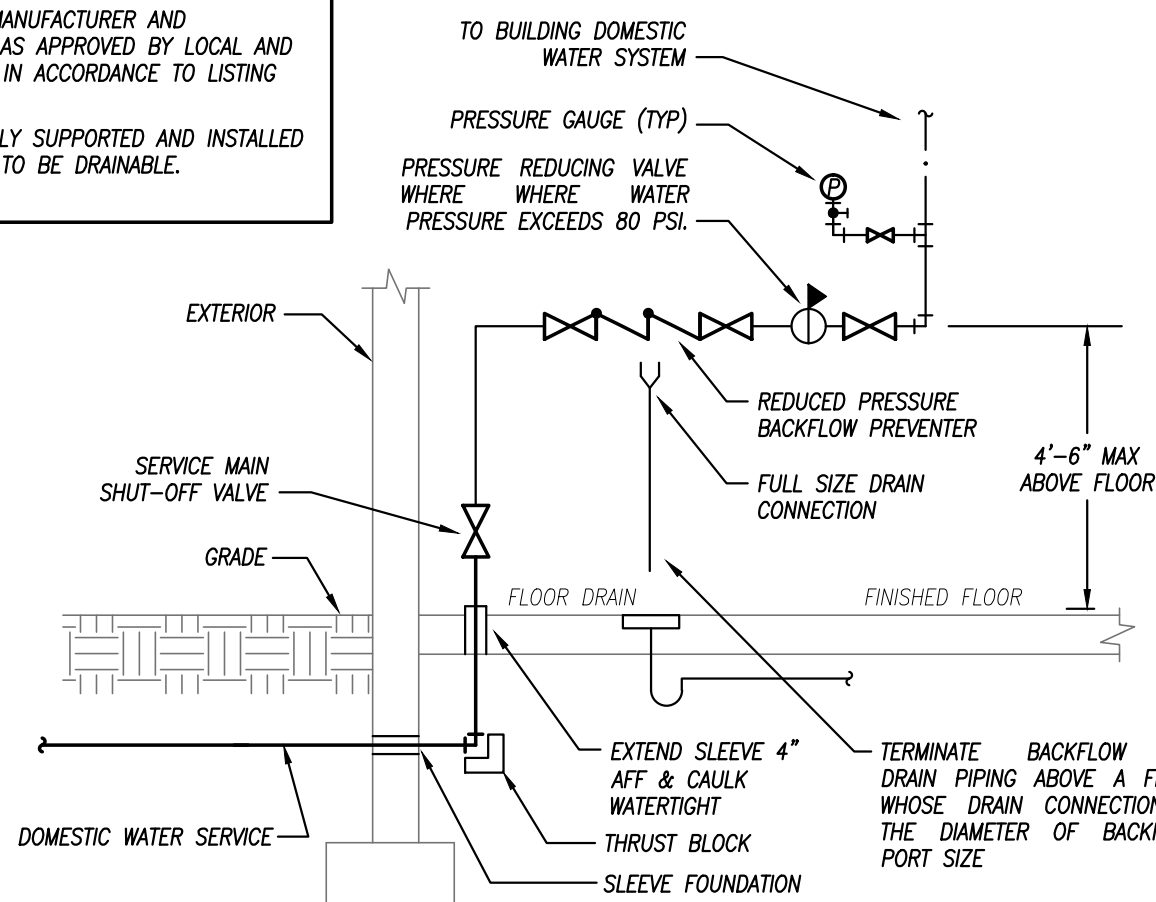


ELEVATION

GREASE INTERCEPTOR DETAIL
NO SCALE

NOTES:

1. BACKFLOW PREVENTER MANUFACTURER AND INSTALLATION SHALL BE AS APPROVED BY LOCAL AND STATE AUTHORITIES AND IN ACCORDANCE TO LISTING OF DEVICE.
2. ALL PIPING TO BE RIGIDLY SUPPORTED AND INSTALLED IN SUCH A MANNER AS TO BE DRAINABLE.

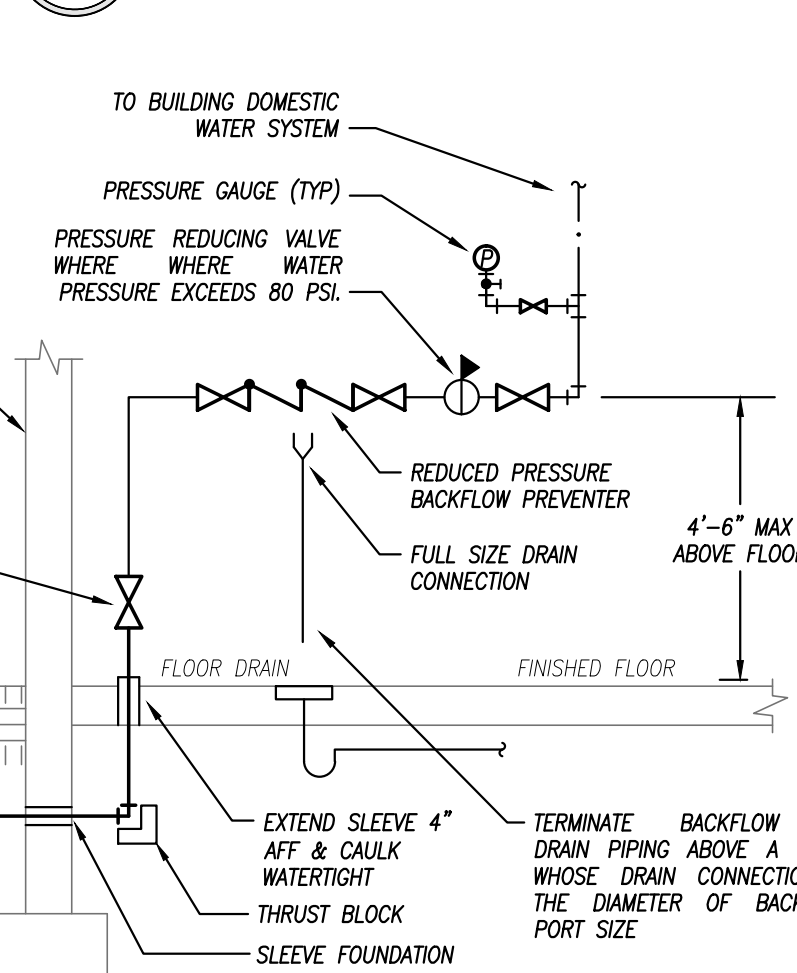


WATER SERVICE REDUCED PRESSURE BACKFLOW PREVENTER DETAIL
NOT TO SCALE

GREASE INTERCEPTOR SCHEDULE

MANUFACTURER	MODEL NO.	CAPACITY US gal	GREASE CAP. (LBS)	EMPTY WT (LBS)	LENGTH L	WIDTH W	HEIGHT H	INLET FL1	OUTLET FL2
PARK ENVIRONMENTAL EQUIPMENT	GT-1500	1,500	3,500	18,000	9'-2"	5'-8"	7'-0"	5'-9"	5'-6"
PARK ENVIRONMENTAL EQUIPMENT	GT-2000	2,000	4,600	24,500	13'-0"	7'-0"	5'-10"	4'-9"	4'-6"

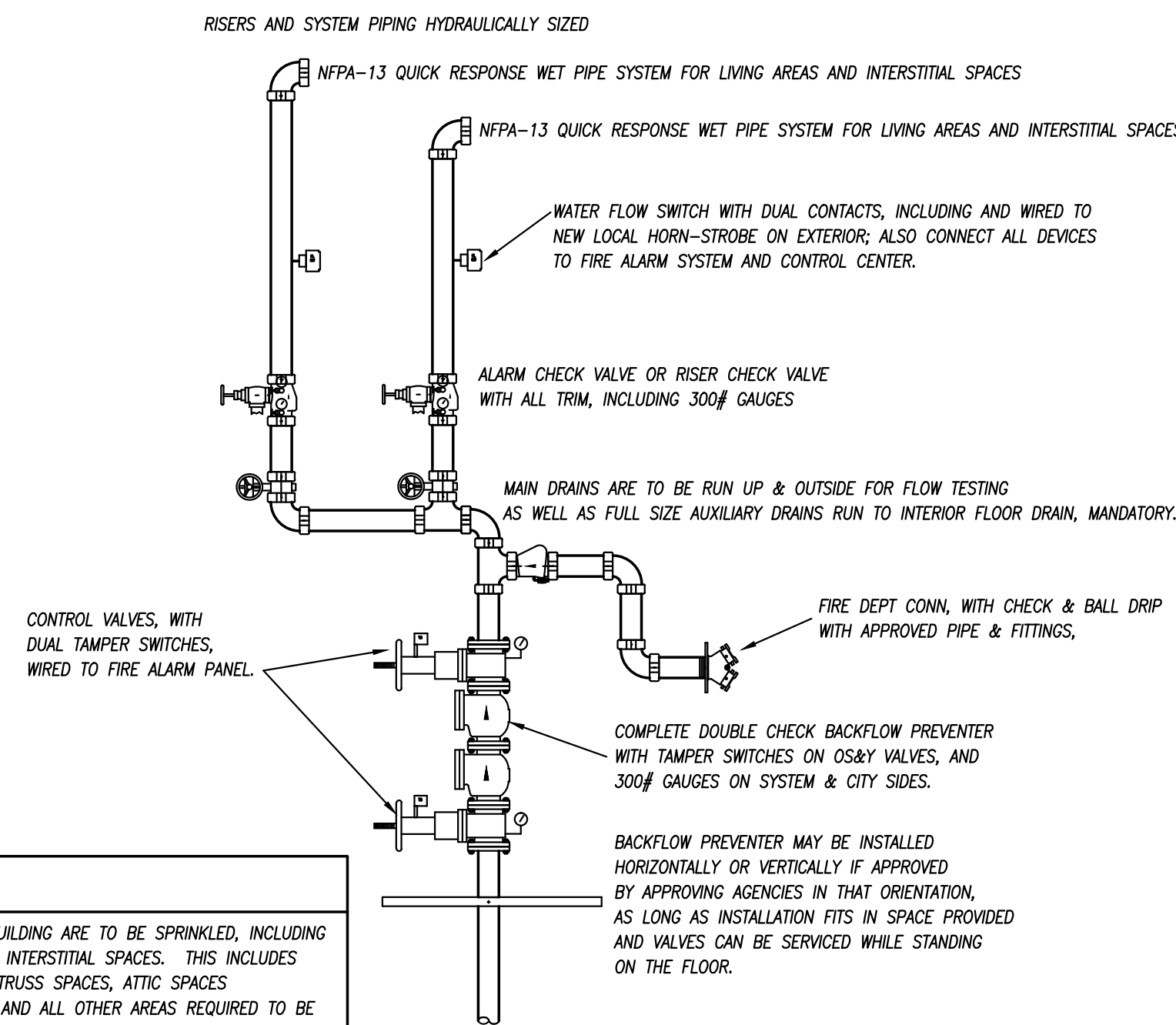
FLOOR PLAN - PLUMBING
1/8" = 1'-0"



NOTES:

1. ALL AREAS OF THE BUILDING ARE TO BE SPRINKLED, INCLUDING ALL ATTIC AREAS AND INTERSTITIAL SPACES. THIS INCLUDES LIVING AREAS, WOOD TRUSS SPACES, ATTIC SPACES MECHANICAL CHASES, AND ALL OTHER AREAS REQUIRED TO BE PROTECTED UNDER THE SCOPE OF NFPA-13.

FIRE SPRINKLER RISER DETAIL
NO SCALE



pkmr
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MJO State Certificate of Authority #E-2002020886

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