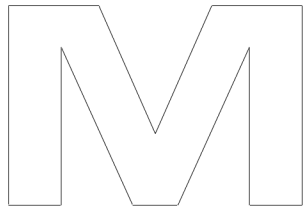


FIRE PROTECTION PLANS



F. E. MORAN, INC. FIRE PROTECTION
3001 RESEARCH ROAD
SUITE A
CHAMPAIGN, IL 61822
(217) 356-0700 (217) 356-0777 FAX

MISSOURI COA: E-2022012018

SCOPE OF WORK

SCOPE OF WORK:

- ** FURNISH & INSTALL (3) NEW WET PIPE SPRINKLER SYSTEMS FOR THE NEW BUILDING.
- ** FURNISH & INSTALL A NEW FIRE PUMP AND ACCESSORIES
- ** FIRE PUMP LOOP POINT OF CONNECTION (START OF CONTRACT): 10" FLANGE, 12" ABOVE THE FINISHED FLOOR IN THE FIRE PUMP ROOM AND CONNECTED BACK TO THE 8" DISCHARGE PIPING.
- ** RISER POINT OF CONNECTION (START OF CONTRACT): 8" FLANGE, 12" ABOVE THE FINISHED FLOOR. LOCATED ON END OF THE BUILDING.
- ** INSTALL (8) CLASS I, MAN-DOOR ADJACENT, HOSE CONNECTIONS

NOT INCLUDED:

- ** WIRING OF ELECTRICAL DEVICES
- ** ELECTRICAL WIRING BETWEEN FIRE PUMP AND CONTROLLER
- ** FIRE EXTINGUISHERS
- ** STANDPIPES AND HOSE STATIONS
- ** FIRE PUMP CONTROLLER AUTO TRANSFER SWITCH
- ** UNDERGROUND PIPING AND TESTING
- ** COLUMN SPRINKLERS
- ** PAINTED PIPING
- ** CONCRETE PADS
- ** COMPONENT IDENTIFICATION BEYOND NFPA 13 REQUIREMENTS
- ** ACCESS PANELS
- ** CUTTING AND PATCHING
- ** PIPE SLEEVES
- ** WALL POST INDICATOR VALVE
- ** SEISMIC BRACING

CODE INFORMATION

CODE INFORMATION:

- ** NFPA 13, 2016 EDITION: INSTALLATION OF SPRINKLER SYSTEMS
- ** NFPA 20, 2016 EDITION: INSTALLATION OF CENTRIFUGAL FIRE PUMPS
- ** INTERNATIONAL BUILDING & FIRE CODE, 2018 EDITION

BUILDING INFO:

IBC OCCUPANCY CLASSIFICATION: S-1
IBC CONSTRUCTION TYPE: II-B
IBC SEISMIC DESIGN CATEGORY: B
HIGHEST FLOOR ELEVATION FROM FIRE DEPARTMENT VEHICLE ACCESS: GRADE
NUMBER OF STORIES: 1
BUILDING AREA: 113,615 SQFT.

GENERAL REQUIREMENTS

- ** SUPPLY A SPARE SPRINKLER CABINET WITH WRENCH FOR EACH SPRINKLER TYPE AS REQUIRED BY NFPA 13.
- ** IDENTIFY ALL HYDRAULICALLY CALCULATED SYSTEMS WITH A PERMANENTLY MARKED AND WEATHERPROOF SIGN.
- ** ALL NEW PIPING OR PIPING MODIFICATIONS WHICH AFFECT MORE THAN 20 SPRINKLERS SHALL BE HYDROSTATICALLY TESTED AT 200 PSI OR 50 PSI OVER THE SYSTEM WORKING PRESSURE. THE SYSTEM SHALL MAINTAIN THIS PRESSURE WITHOUT LOSS FOR 2 HOURS.
- ** ALL NEW PIPING OR PIPING MODIFICATIONS WHICH AFFECT 20 SPRINKLERS OR LESS, SHALL BE TESTED AT THE SYSTEM WORKING PRESSURE.
- ** ALL PIPING MODIFICATIONS WHICH CANNOT BE ISOLATED FROM THE EXISTING SYSTEM, SHALL BE TESTED AT THE SYSTEM WORKING PRESSURE.
- ** THE LOCAL FIRE/BUILDING INSPECTOR IS TO BE NOTIFIED 48 HOURS IN ADVANCE OF ALL TESTING.
- ** UNDERGROUND TESTING AND FLUSHING:
- ** ALL UNDERGROUND PIPE SHALL BE TESTED AND FLUSHED BY THE INSTALLING CONTRACTOR AS REQUIRED BY NFPA 24 BEFORE ANY OVERHEAD SPRINKLER PIPING IS CONNECTED.

VALVES

- ** ALL VALVES CONTROLLING WATER FLOW TO SPRINKLERS SHALL BE INDICATING & SUPERVISED.
- ** ALL VALVES SHALL BE ACCESSIBLE AT ALL TIMES AND PERMANENTLY IDENTIFIED.
- ** THE IDENTIFICATION OF CONTROL VALVES SHALL INCLUDE A DESCRIPTION OR DIAGRAM OF WHAT THEY CONTROL.
- ** ALL TRAPPED PORTIONS OF SPRINKLER PIPING SHALL BE PROVIDED WITH A LOW POINT DRAIN AS REQUIRED BY NFPA 13.

PIPE HANGERS

- ** 1"-8" HANGER RINGS ARE TO BE ADJUSTABLE SWIVEL RINGS, ZINC PLATED, MANUFACTURED TO ANS/MSS SP-68 STANDARDS.
- ** TRAPEZE HANGERS REQUIRED FOR PIPE LARGER THAN 6".
- ** HANGERS ARE TO BE INSTALLED PER NFPA 13 REQUIREMENTS.
- ** HANGER ROD SIZES AND LOCATIONS ARE TO BE AS REQUIRED BY NFPA 13.

DRAWING INDEX

FP0.0- GENERAL NOTES
FP1.0- HYDRAULIC SITE LAYOUT
FP2.0- OVERHEAD PIPING LAYOUT
FP2.1- AREA 1 FP LAYOUT
FP2.2- AREA 2 FP LAYOUT
FP3.0- FIRE PUMP & RISER DETAIL

DRAWING SYMBOLS	
PIPING CENTERLINES	
★ 0" TS	TO TOP OF STEEL OR ROOF DECK
★ 0" TS	TO FLOOR
—	HANGER LOCATION
—	HYDRAULIC NODE
—	ALARM HORN/STROBE

WET SYSTEM PIPE & FITTINGS

WET-PIPE SPRINKLER SYSTEM BLACK PIPE:

- ** 1/2"-1" LINE PIPING SHALL BE BLACK STEEL SCH. 40 PIPE, MANUFACTURED TO ASTM A53 OR A795 STANDARDS.
- ** 1 1/4"-2 1/2" LINE PIPING SHALL BE BLACK STEEL SCH. 7 PIPE, MANUFACTURED TO ASTM A795 STANDARDS.

- ** 8" MAIN PIPING SHALL BE BLACK STEEL SCH. 10 PIPE, MANUFACTURED TO ASTM A135 STANDARDS.
- ** 21-4" MAIN PIPING SHALL BE BLACK STEEL SCH. 7 PIPE, MANUFACTURED TO ASTM A795 STANDARDS.

WET-PIPE SPRINKLER SYSTEM BLACK FITTINGS:

- ** 1" BRANCH LINE FITTINGS SHALL BE BLACK DUCTILE IRON THREADED, CLASS 150 STANDARD, MANUFACTURED PER ANS/MSS B16.3, U.L. LISTED FOR FIRE PROTECTION USE UP TO 175 PSI WORKING PRESSURE.
- ** 1/2"-2 1/2" BRANCH LINE PIPE OUTLETS TO BE WELDED MANUFACTURED TO ASTM A53 & ANSI B1.20.1 STANDARDS.
- ** 1 1/4"-2 1/2" BRANCH LINE FITTINGS SHALL BE STANDARD GROOVED STEEL, MANUF. TO ASTM A356/A53 STANDARDS.

- ** 2"-8" MAIN PIPE BRANCH OUTLETS TO BE WELDED MANUFACTURED TO ASTM A53 & ANSI B1.20.1 STANDARDS.
- ** 21-8" MAIN PIPE FITTINGS SHALL BE STANDARD GROOVED DUCTILE IRON, MANUF. TO ASTM A536 STANDARDS.

DESIGN CRITERIA - ESFR

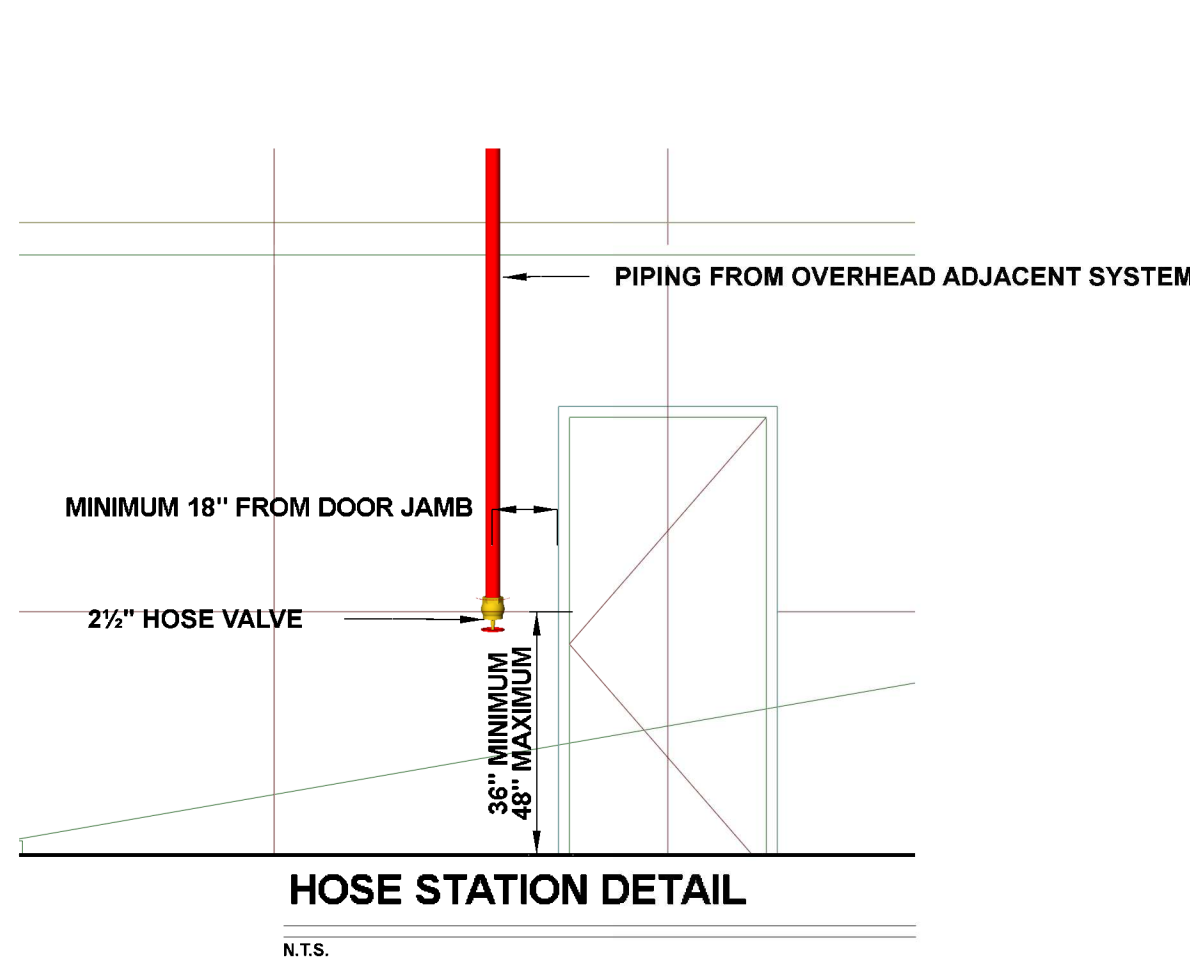
** SPRINKLER SYSTEM DESIGN CRITERIA (ESFR)-PALLETIZED/SOLID-PILE/RACK STORAGE UP TO 40':

FROM NFPA 13, 2016 EDITION TABLES 14.4.1, 15.4.1, 16.3.3.1, 17.3.3.1
COMMODITY CLASSIFICATION: CLASS I, II, III OR IV, ENCAPSULATED OR UNENCAPSULATED, NO OPEN TOP CONTAINERS, AND CARTONED OR EXPOSED UNEXPANDED GROUP A PLASTICS
STORAGE ARRANGEMENT: PALLETIZED/SOLID-PILE/SINGLE & DOUBLE ROW RACKS WITH NO SOLID SHELVING

CONSTRUCTION TYPE: ALL TYPES
MAXIMUM STORAGE HEIGHT: 35 FEET
MAXIMUM CEILING/ROOF HEIGHT: 40 FEET
MINIMUM CLEARANCE FROM SPRINKLER DEFLECTOR TO TOP OF STORAGE: 36 INCHES
SPRINKLER TYPE: ESFR (EARLY SUPPRESSION FAST-RESPONSE)
SPRINKLER K-FACTOR: 16.8
SPRINKLER TEMPERATURE RATING: 205°F
SPRINKLER ORIENTATION: PENDENT
MAXIMUM SPRINKLER DEFLECTOR DISTANCE BELOW CEILING: 14 INCHES
MINIMUM SPRINKLER DEFLECTOR DISTANCE BELOW CEILING: 6 INCHES
MAXIMUM SPRINKLER SPACING/AREA: 10 FEET/100 S.F.
MINIMUM SPRINKLER SPACING: 8 FEET/64 S.F.
TYPE OF SYSTEM: WET
NUMBER OF DESIGN SPRINKLERS: 12
MINIMUM SPRINKLER OPERATING PRESSURE: 52 PSI
INSIDE HOSE STREAM ALLOWANCE: 0 GPM
OUTSIDE HOSE STREAM ALLOWANCE: 250 GPM
TOTAL HOSE STREAM ALLOWANCE: 250 GPM
IN-RACK SPRINKLERS: NO

**SYSTEMS SHALL BE WET ONLY.

- ** ROOF OR CEILING SLOPES SHALL NOT EXCEED A PITCH OF 2:12.
- ** TOTAL SYSTEM SIZE SHALL NOT EXCEED 40,000 S.F. COMBINED HIGH PILED/RACK STORAGE & LIGHT/ORDINARY HAZARD SYSTEMS MAY COVER UP TO 52,000 S.F.

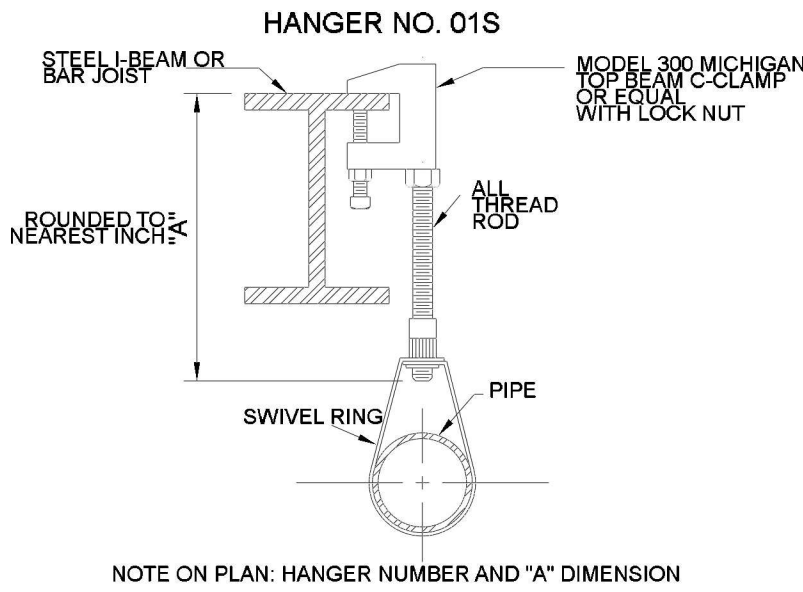


PIPE SIZE TABLE									
NOMINAL PIPE SIZE	SCHEDULE 40			SCHEDULE 10		EDDYFLOW			
	O.D.	I.D.	WALL THICKNESS	O.D.	I.D.	WALL THICKNESS	O.D.	I.D.	WALL THICKNESS
1	1.315	1.049	.133	1.315	1.097	.109	1.315	1.191	.062
1 1/2	1.660	1.380	.140	1.660	1.442	.109	1.660	1.536	.062
2	1.900	1.610	.145	1.900	1.682	.109	1.900	1.728	.086
2 1/2	2.375	2.067	.154	2.375	2.167	.109	2.375	2.203	.086
3	2.875	2.469	.203	2.875	2.635	.120	2.875	2.703	.086
3 1/2	3.500	3.068	.216	3.500	3.260	.120	3.500	3.314	.093
4	4.500	4.026	.237	4.500	4.260	.120	4.500	4.310	.095
6	5.563	5.047	.258	5.563	5.295	.134	---	---	---
8	6.625	6.065	.280	6.625	6.357	.134	---	---	---
10	8.625	7.981	.322	8.625	8.248	.188	---	---	---
12	10.750	10.020	.365	10.750	10.370	.188	---	---	---

HANGER INSTALLATION REQUIREMENTS								
NOMINAL PIPE SIZE	MAXIMUM DISTANCE BETWEEN HANGERS							
	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
BLAZEMASTER GPVGO	9'-0"	8'-0"	8'-0"	7'-0"	6'-0"	9'-0"	10'-0"	N/A
THREADED LIGHTWALL	N/A	12'-0"	12'-0"	12'-0"	12'-0"	12'-0"	12'-0"	N/A
STEEL PIPE (7/10/140)	N/A	12'-0"	12'-0"	15'-0"	15'-0"	15'-0"	15'-0"	15'-0"

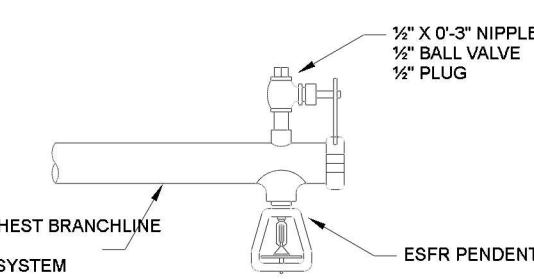
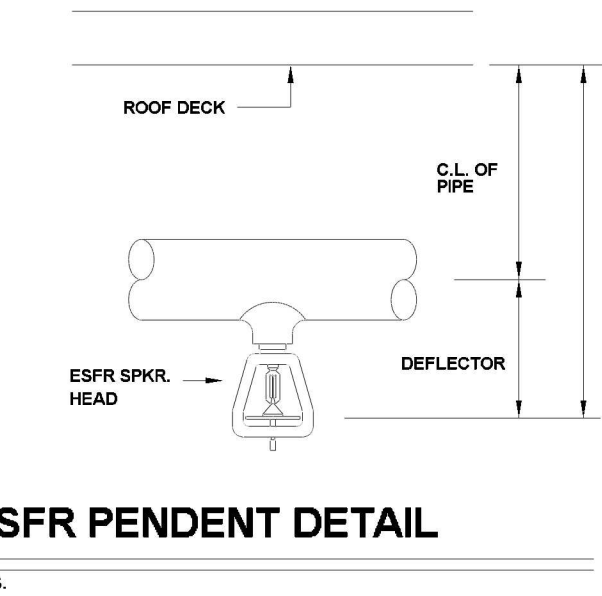
THE UNSUPPORTED LENGTH BETWEEN THE END SPRINKLER AND THE LAST HANGER ON THE LINE SHALL NOT EXCEED 36" FOR 1" PIPE, 48" FOR 1 1/4" PIPE AND 60" FOR 1 1/2" PIPE OR LARGER

THE CUMULATIVE HORIZONTAL LENGTH OF AN UNSUPPORTED ARM/ROW TO A SPRINKLER, SPRINKLER DROP, OR SPRING-UP SHALL NOT EXCEED 24"



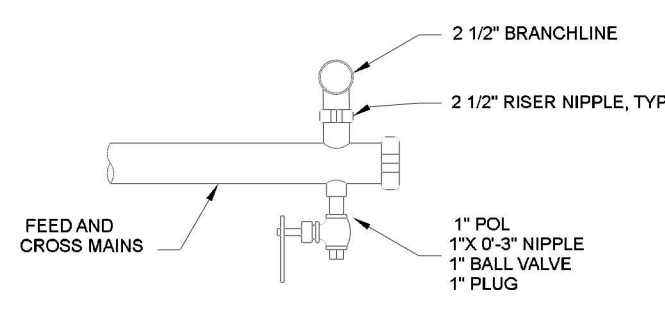
TOP BEAM C-CLAMP DETAIL

N.T.S.



MANUAL AIR VENT DETAIL

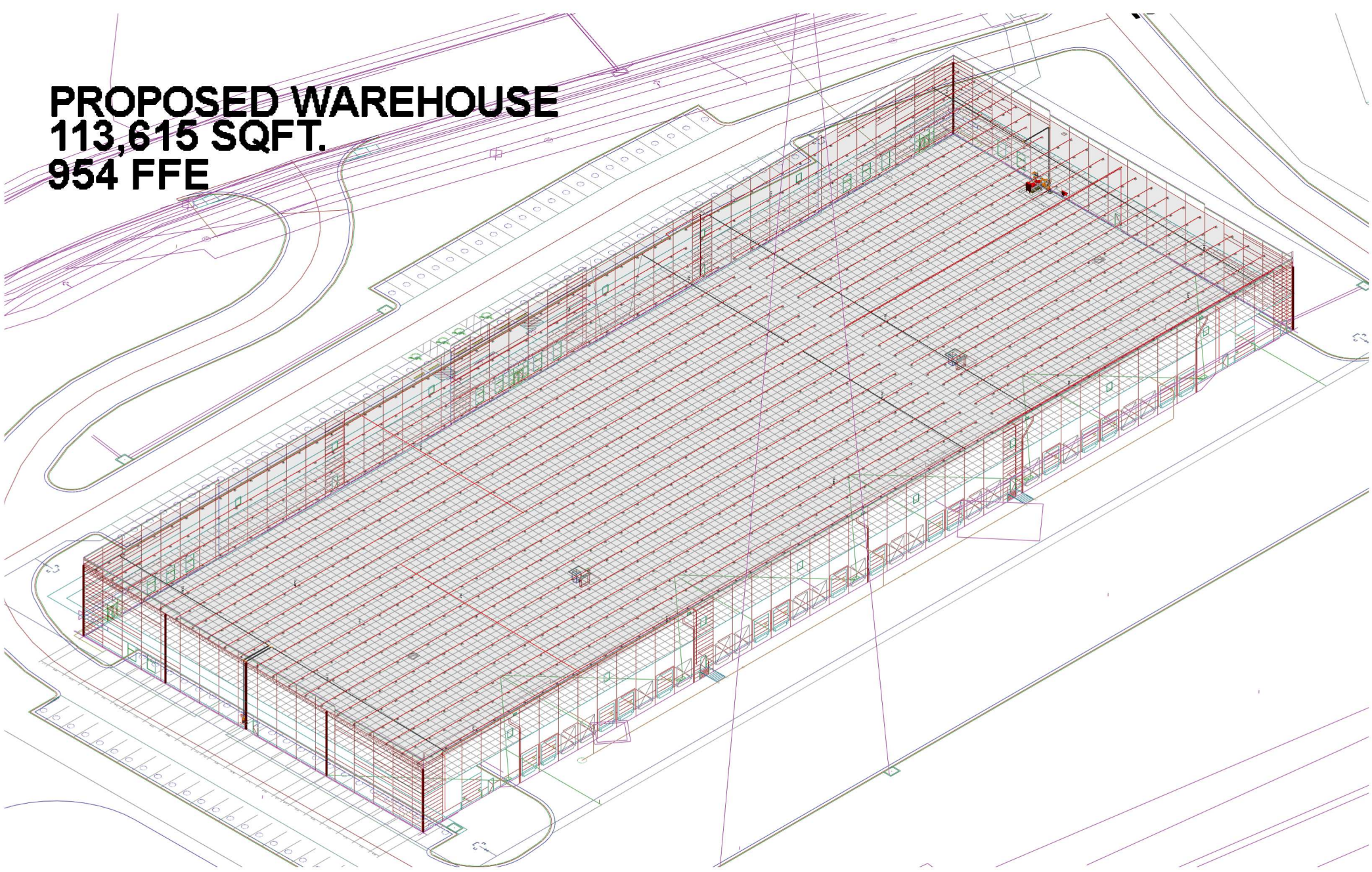
N.T.S.



TYPICAL DRAIN DETAIL

N.T.S.

PROPOSED WAREHOUSE
113,615 SQFT.
954 FFE



ESFR OBSTRUCTION GUIDELINES

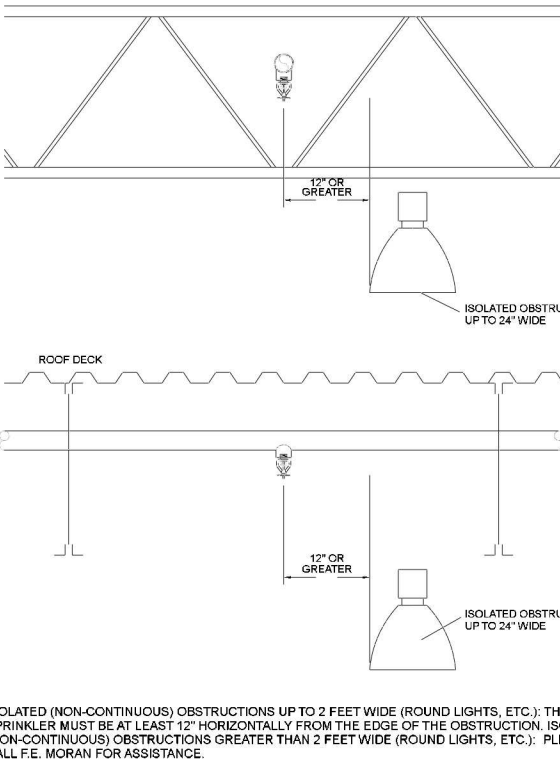


FIGURE 1 OF 6

ESFR OBSTRUCTION GUIDELINES

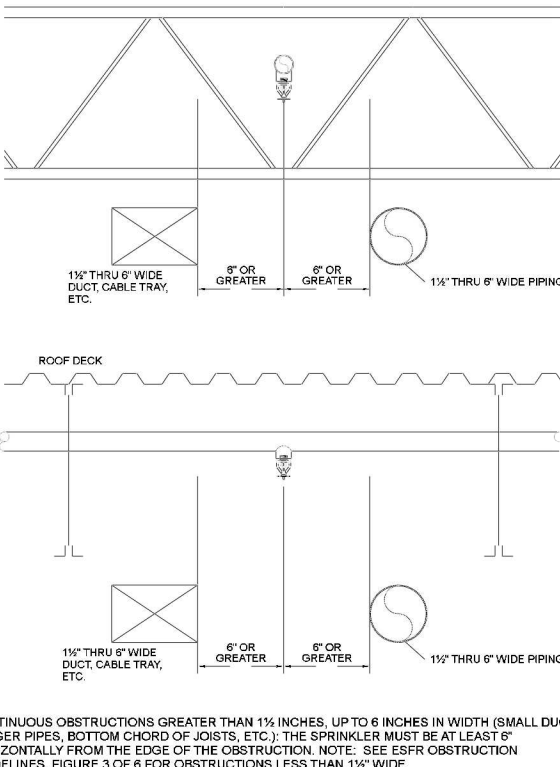
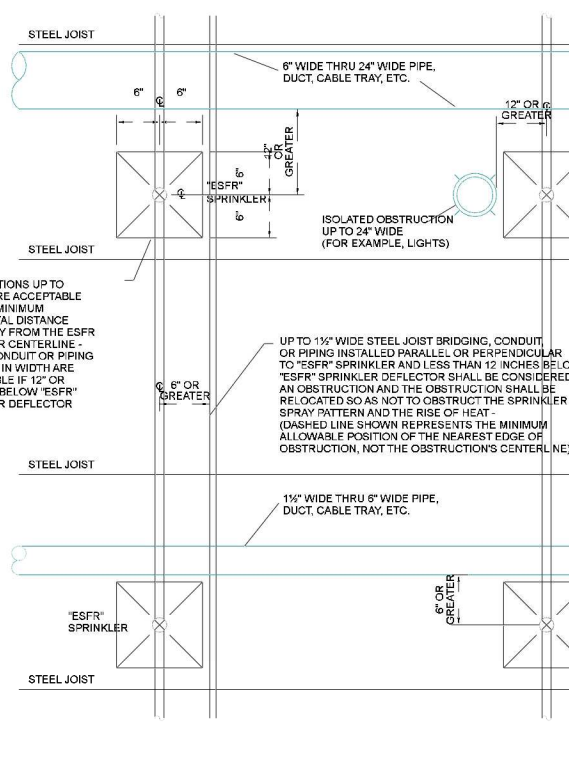


FIGURE 4 OF 6

ESFR OBSTRUCTION GUIDELINES



PLAN VIEW

FIGURE 2 OF 6

ESFR OBSTRUCTION GUIDELINES

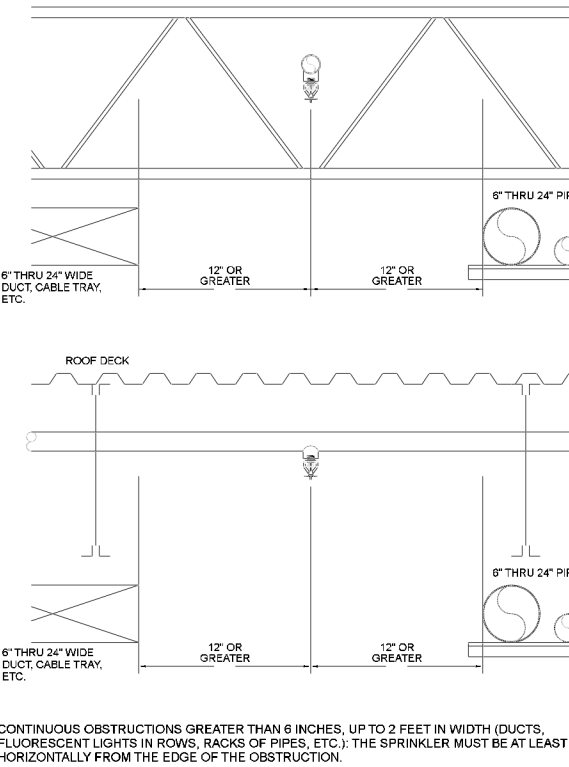


FIGURE 5 OF 6

ESFR OBSTRUCTION DETAILS

ESFR OBSTRUCTION GUIDELINES

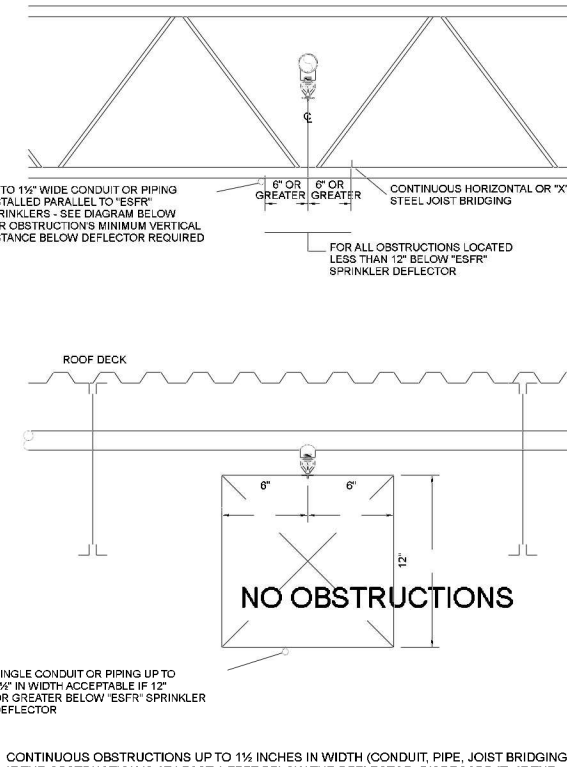


FIGURE 3 OF 6

ESFR OBSTRUCTION GUIDELINES

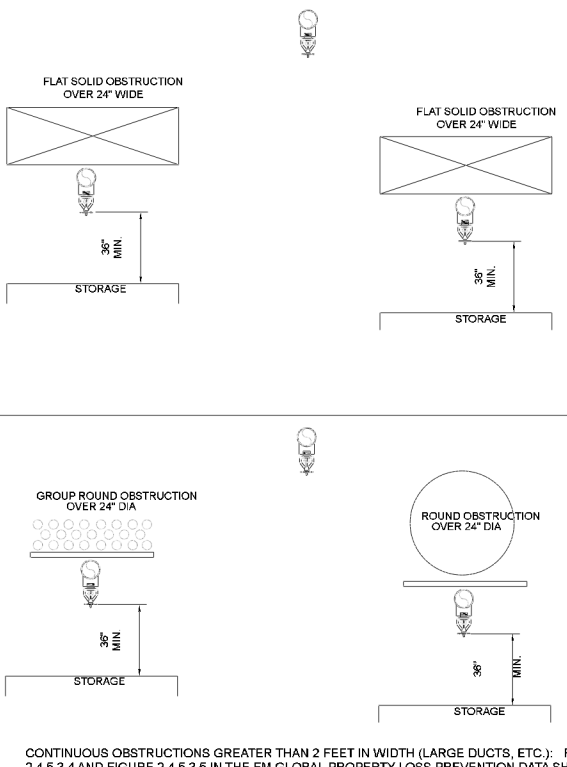
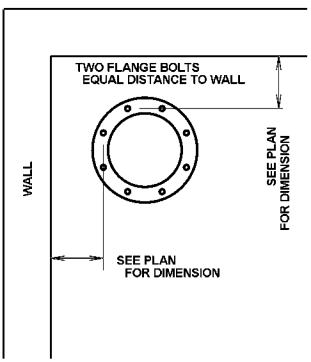


FIGURE 6 OF 6

NOTE: ALL FIRE PROTECTION PIPING SHALL BE WHETHER INSIDE OR OUTSIDE A BUILDING INCLUDING PUMP ROOMS.

ALL PIPING, THE FLANGES SHALL BE INSTALLED WITH THE DRAINAGE SIDE OF THE FLANGE TO THE OUTSIDE. THE EQUIPMENT ARE IN A SQUARE ALIGNMENT WITH ADJACENT WALLS AND DOORS.



INCOMING FIRE PROTECTION SUPPLY DETAIL

N.T.S.



F.E. MORAN, INC.
FIRE PROTECTION

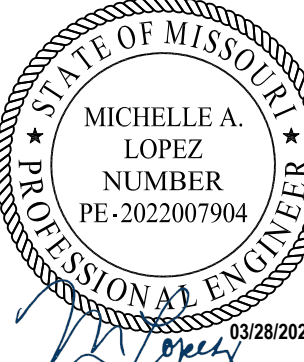
16815 COLLEGE BLVD
LENEXA, KS 66219
PHONE: 217-356-0700



SCANNELL
PROPERTIES

CERTIFICATION

F.E. MORAN, INC. FIRE PROTECTION
COA # E2022012018



Digitally signed by Michelle A. Lopez
Contact Info: (817)465-3721
Date: 2023.03.28 15:47:23 -0400

PROJECT INFORMATION

LEE'S SUMMIT LOGISTICS
BUILDING B LOT II
NW CORNER OF
NE TUDOR RD & MAIN ST
LEE'S SUMMIT, MO 64086

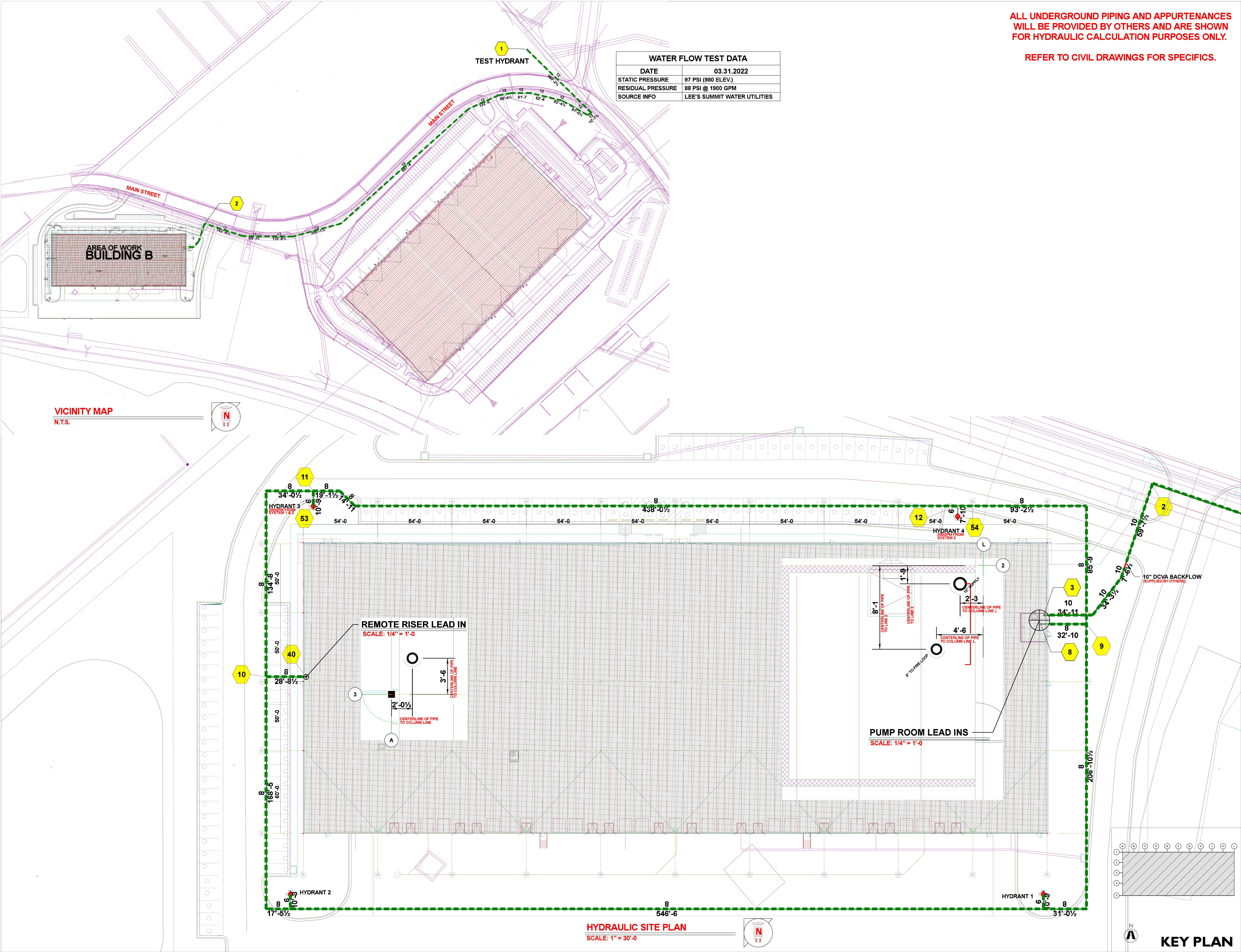
ISSUE DATES

PERMIT SET 08.12.22

220018

FP0.0

GENERAL NOTES



ALL UNDERGROUND PIPING AND APPURTENANCES
WILL BE PROVIDED BY OTHERS AND ARE SHOWN
FOR HYDRAULIC CALCULATION PURPOSES ONLY.

REFER TO CIVIL DRAWINGS FOR SPECIFICS.



F.E. MORAN, INC.
FIRE PROTECTION

16815 COLLEGE BLVD
LENEXA, KS 66219
PHONE: 217-356-0700



CERTIFICATION

F.E. MORAN, INC. FIRE PROTECTION
COA # E2022012018



PROJECT INFORMATION

LEE'S SUMMIT LOGISTICS
BUILDING B LOT II
NW CORNER OF
NE TUDOR RD & MAIN ST
LEE'S SUMMIT, MO 64086

ISSUE DATES

PERMIT SET 08.12.22

220018

FP1.0
HYDRAULIC SITE
LAYOUT



F.E. MORAN, INC.
FIRE PROTECTION

16815 COLLEGE BLVD
LENEXA, KS 66219
PHONE: 217-356-0700



CERTIFICATION

F.E. MORAN, INC. FIRE PROTECTION
COA # E2022012018



PROJECT INFORMATION

LEE'S SUMMIT LOGISTICS
BUILDING B LOT II

NW CORNER OF
NE TUDOR RD & MAIN ST
LEE'S SUMMIT, MO 64086

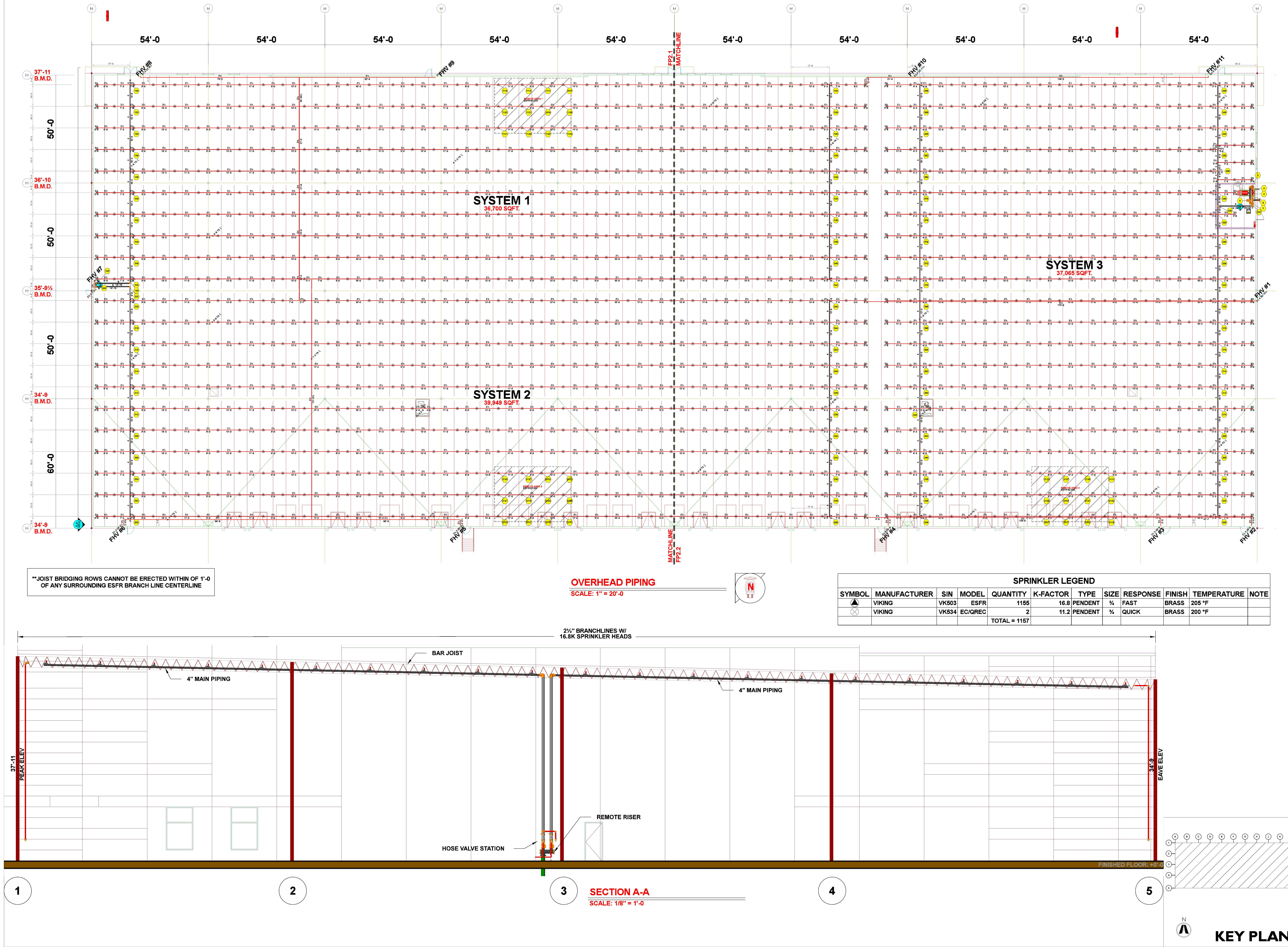
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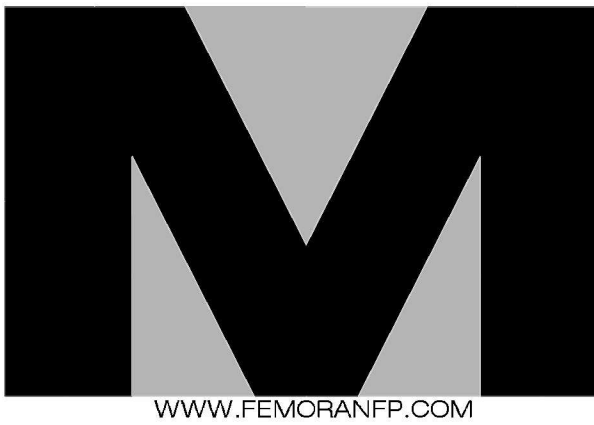
PERMIT SET 08.12.22

220018

FP2.0

OVERHEAD FP
PIPING LAYOUT





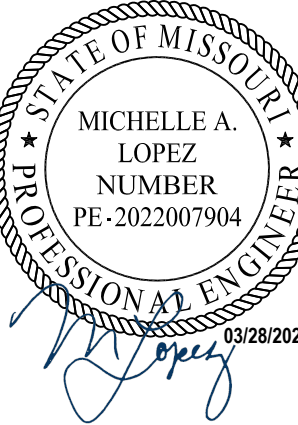
F.E. MORAN, INC.
FIRE PROTECTION

16815 COLLEGE BLVD
LENEXA, KS 66219
PHONE: 217-356-0700



CERTIFICATION

F.E. MORAN, INC. FIRE PROTECTION
COA # E2022012018



PROJECT INFORMATION

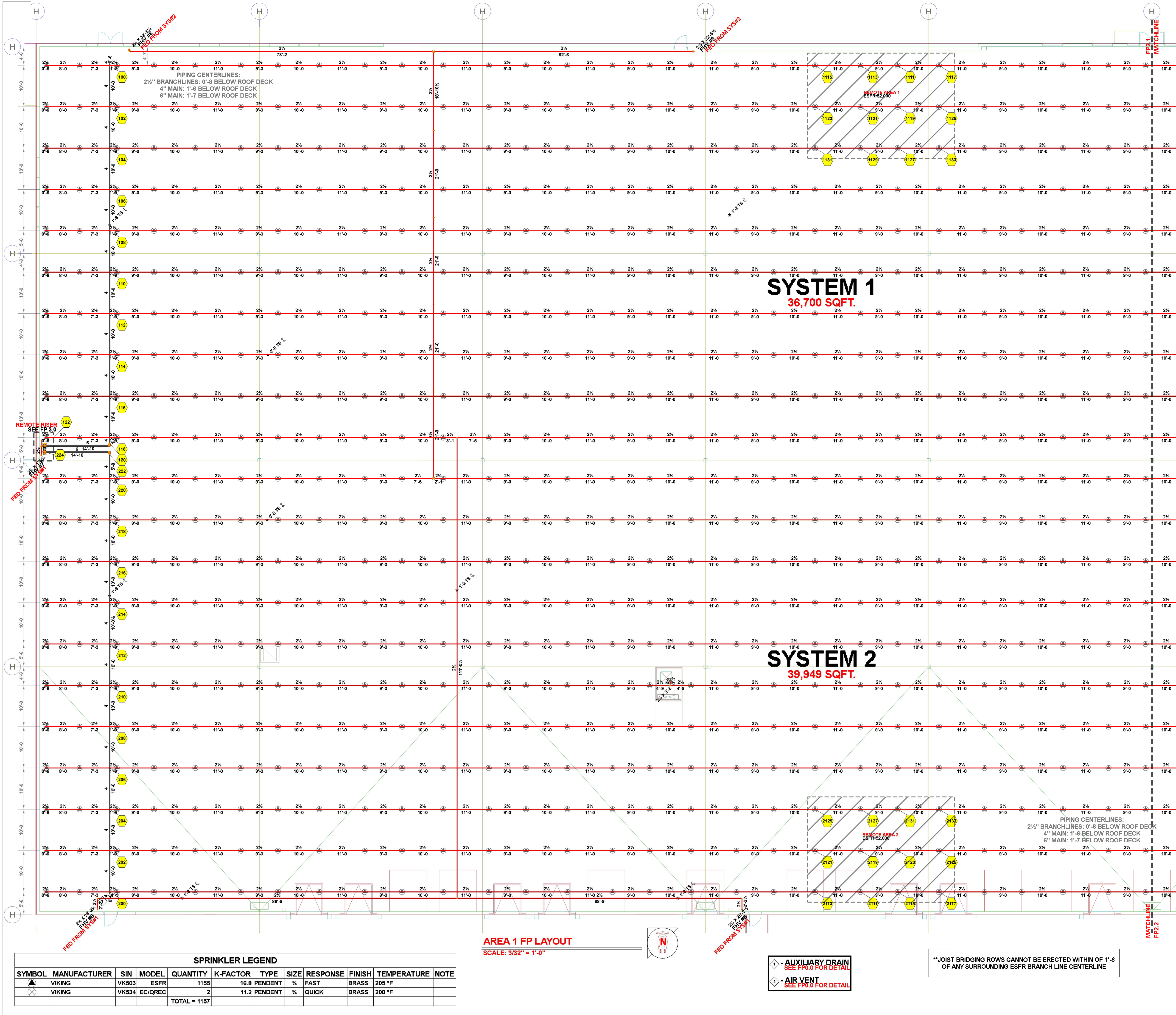
LEE'S SUMMIT LOGISTICS
BUILDING B LOT II
NW CORNER OF
NE TUDOR RD & MAIN ST
LEE'S SUMMIT, MO 64086

ISSUE DATES

PERMIT SET 08.12.22

220018

FP2.1
AREA 1 FP LAYOUT





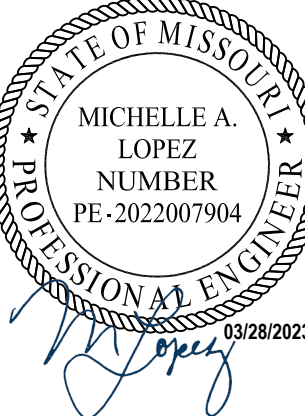
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LENEXA, KS 66219
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CERTIFICATION

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COA # E2022012018



PROJECT INFORMATION

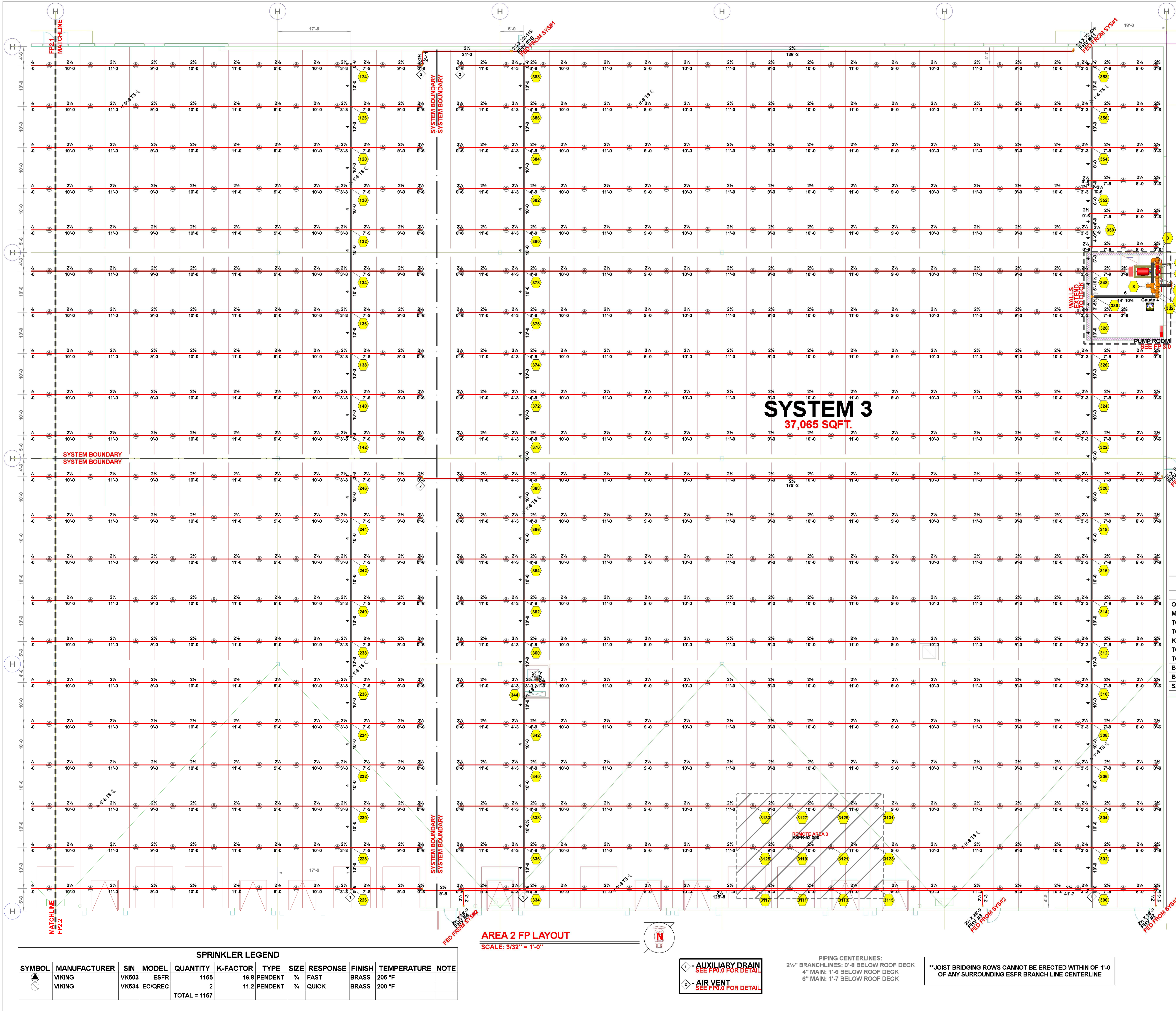
LEE'S SUMMIT LOGISTICS
BUILDING B LOT II
NW CORNER OF
NE TUDOR RD & MAIN ST
LEE'S SUMMIT, MO 64086

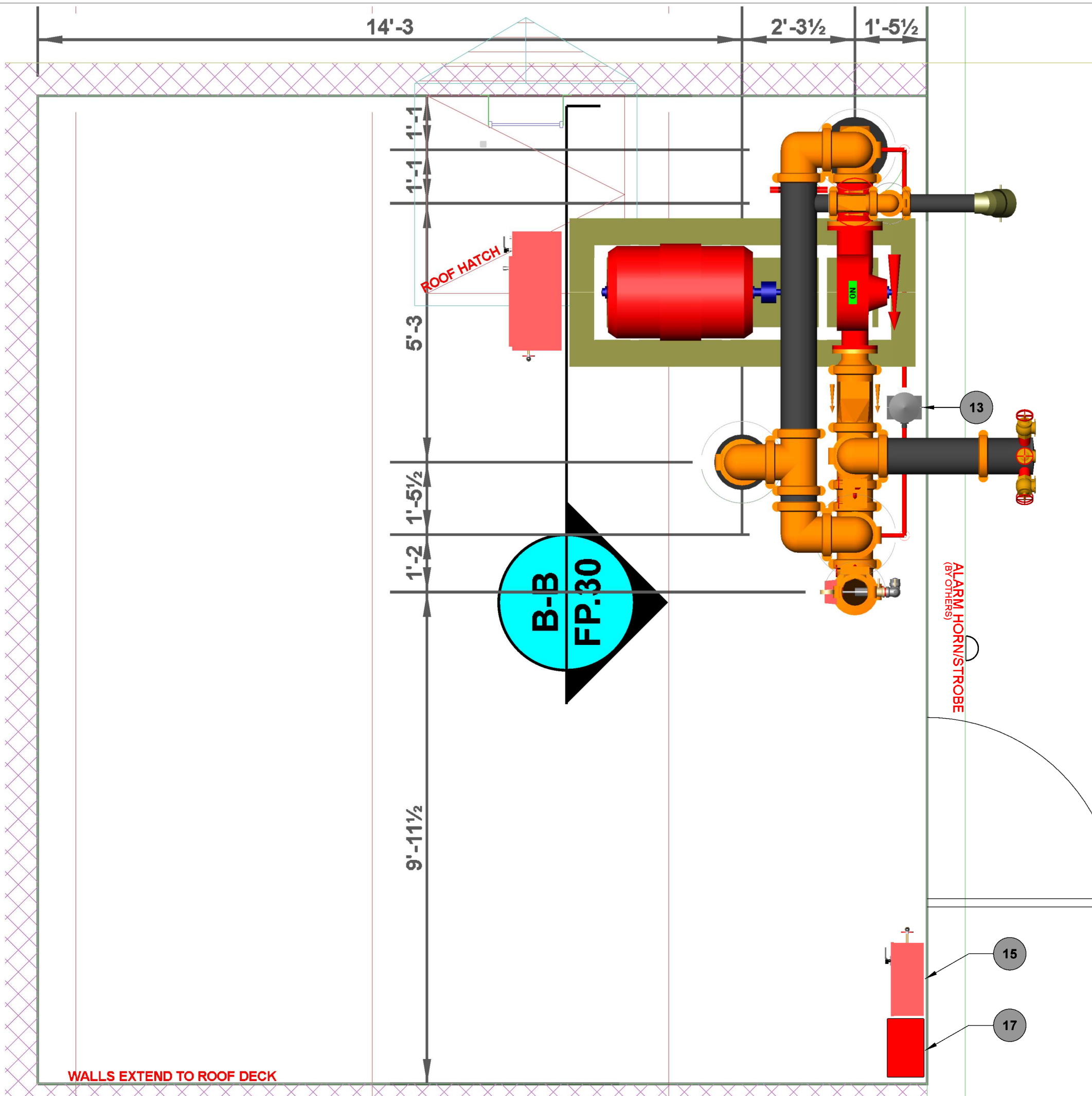
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PERMIT SET 08.12.22

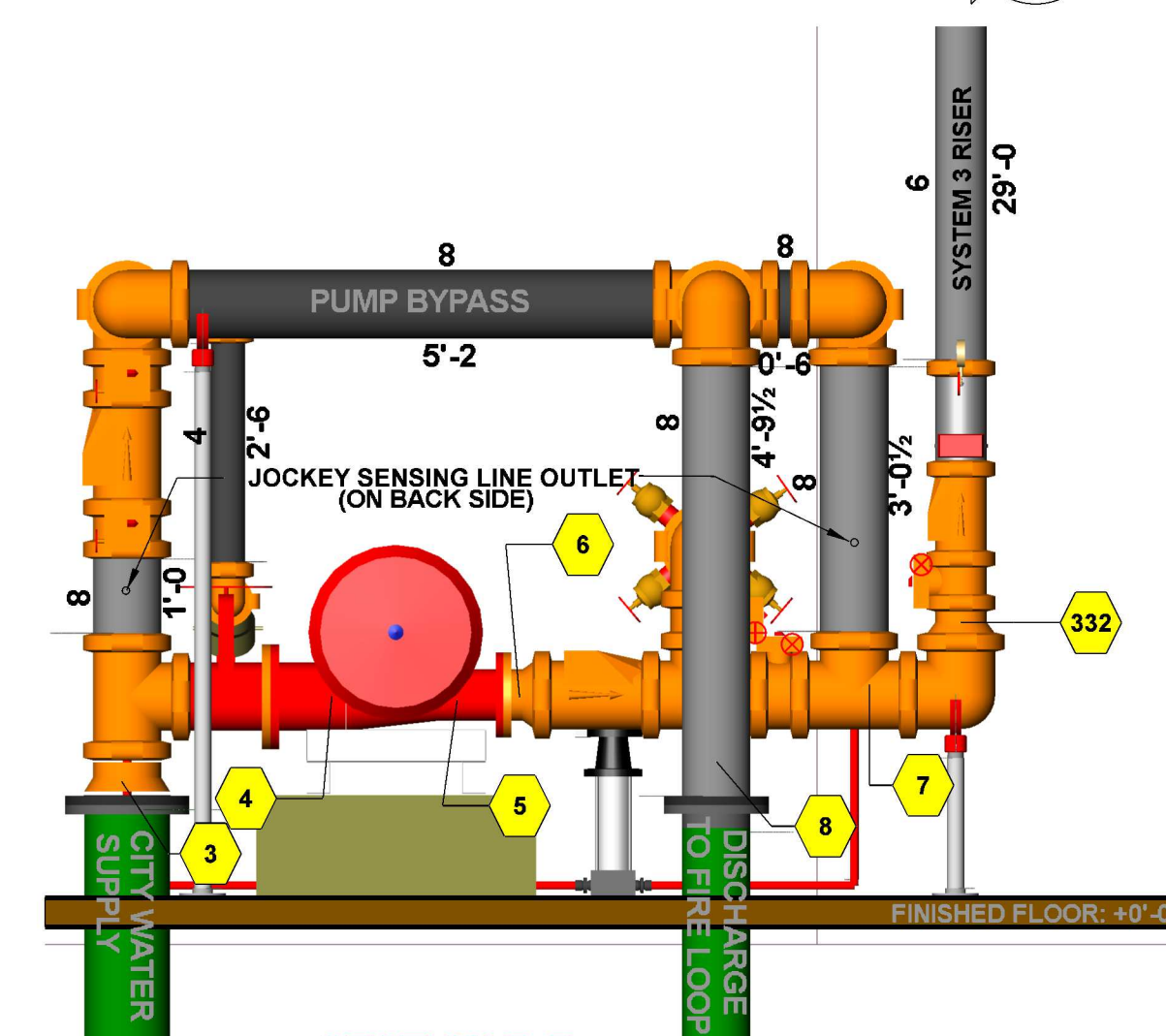
220018

FP2.2
AREA 2 FP LAYOUT

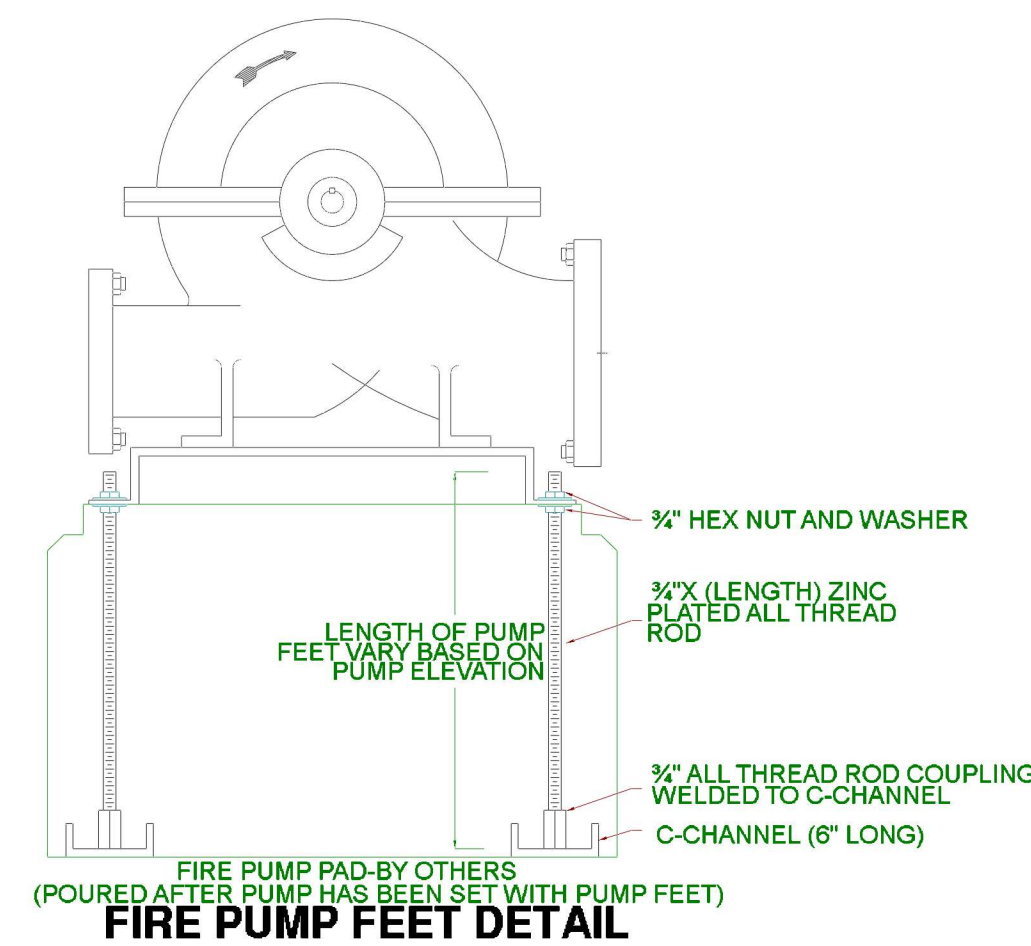




FIRE PUMP ROOM PLAN VIEW
SCALE: 1/2" = 1'-0"



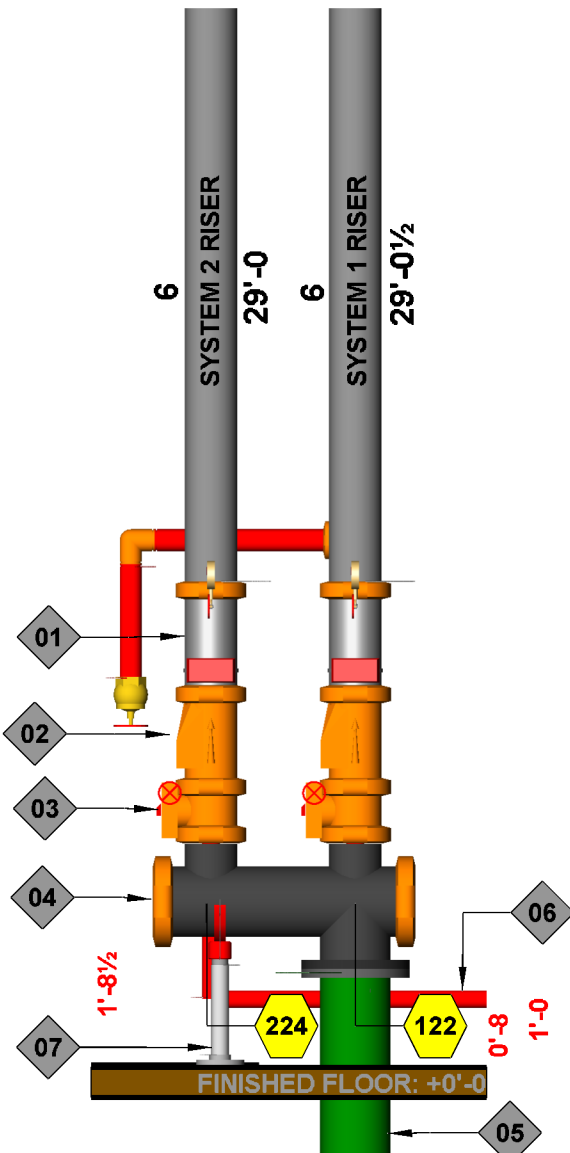
SECTION B-B
SCALE: 1/2" = 1'-0"



FIRE PUMP FEET DETAIL

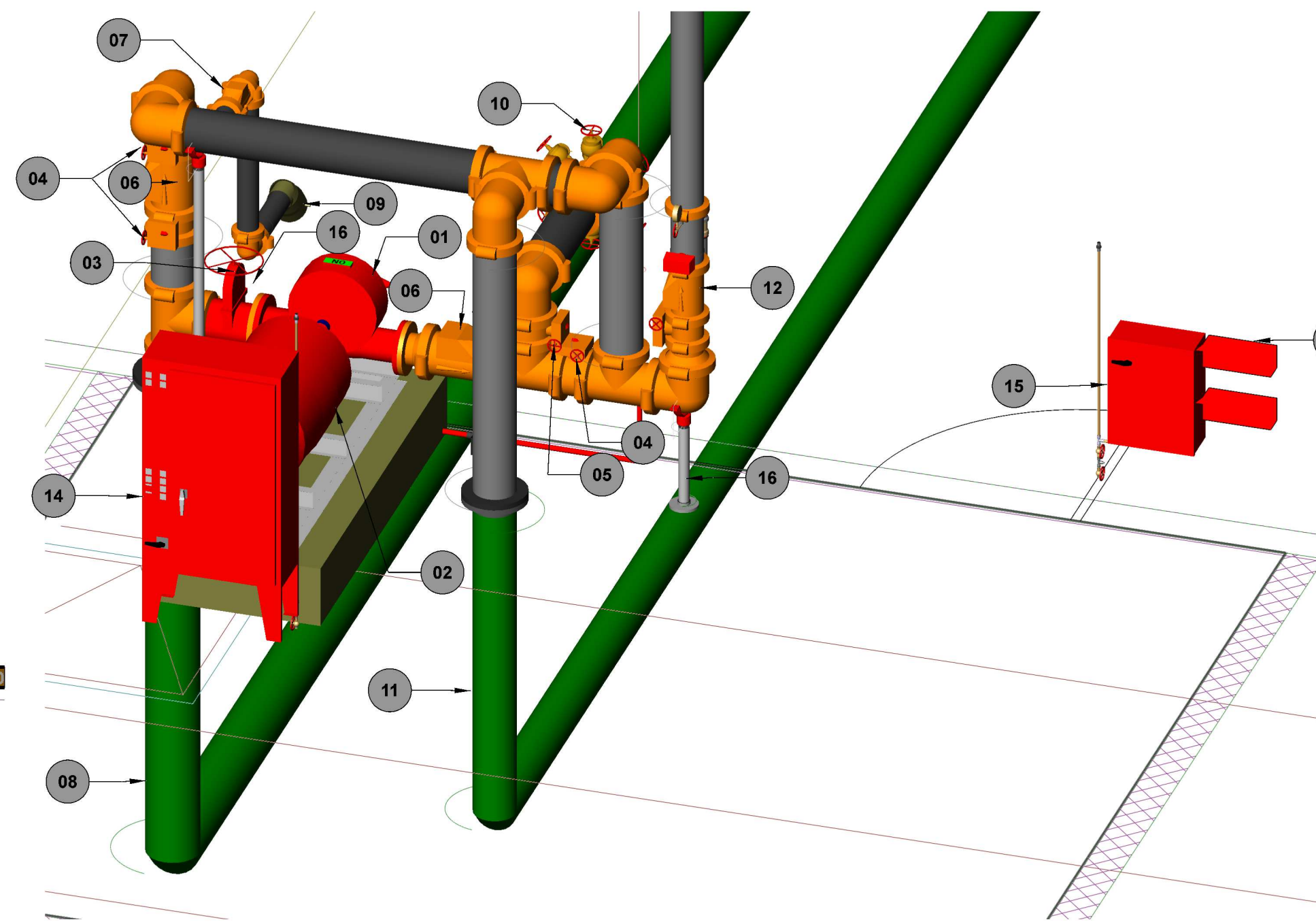
FIRE PUMP ROOM MATERIAL LIST		
#	MATERIAL CALL OUT	QTY.
01	2000 GPM @ 81 PSI FIRE PUMP	(1)
02	125 HP ELECTRIC MOTOR	(1)
03	8" FLG OS&Y GATE VALVE W/ TAMPER (NORMALLY OPEN)	(1)
04	8" BUTTERFLY VALVE W/ TAMPER (NORMALLY OPEN)	(3)
05	8" BUTTERFLY VALVE W/ TAMPER (NORMALLY CLOSED)	(1)
06	8" CHECK VALVE	(2)
07	4" CHECK VALVE	(1)
08	10" UNDERGROUND SUPPLY PIPING	(1)
09	5X4 STORZ FDC	(1)
10	8X2 1/2 6-WAY TEST HEADER	(1)
11	8" WATER DISCHARGE HEADER TO FIRE LOOP	(1)
12	6" RISER ASSEMBLY	(1)
13	1.5 HP JOCKEY PUMP ASSEMBLY	(1)
14	ELECTRIC PUMP CONTROLLER	(1)
15	JOCKEY PUMP CONTROLLER	(1)
16	8" PIPE STAND	(2)
17	SPARE HEAD BOXES	(2)

*LESS THAN 300 INSTALLED SPRINKLERS - MINIMUM 6 SPARE SPRINKLERS
300 TO 1000 INSTALLED SPRINKLERS - MINIMUM 12 SPARE SPRINKLERS
OVER 1000 INSTALLED SPRINKLERS - MINIMUM 24 SPARE SPRINKLERS

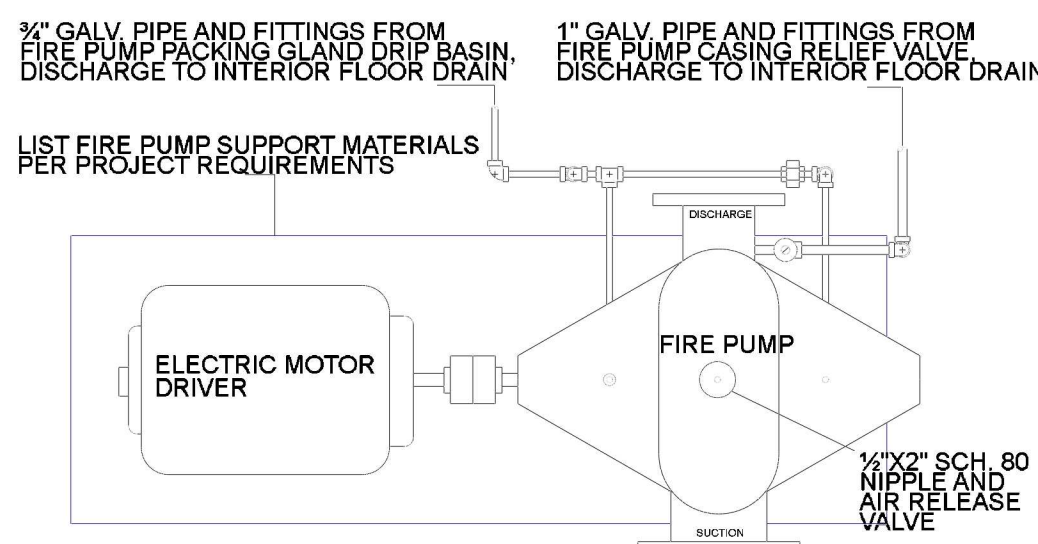


NORTHWEST RISER BANK
SCALE: 1/2" = 1'-0"

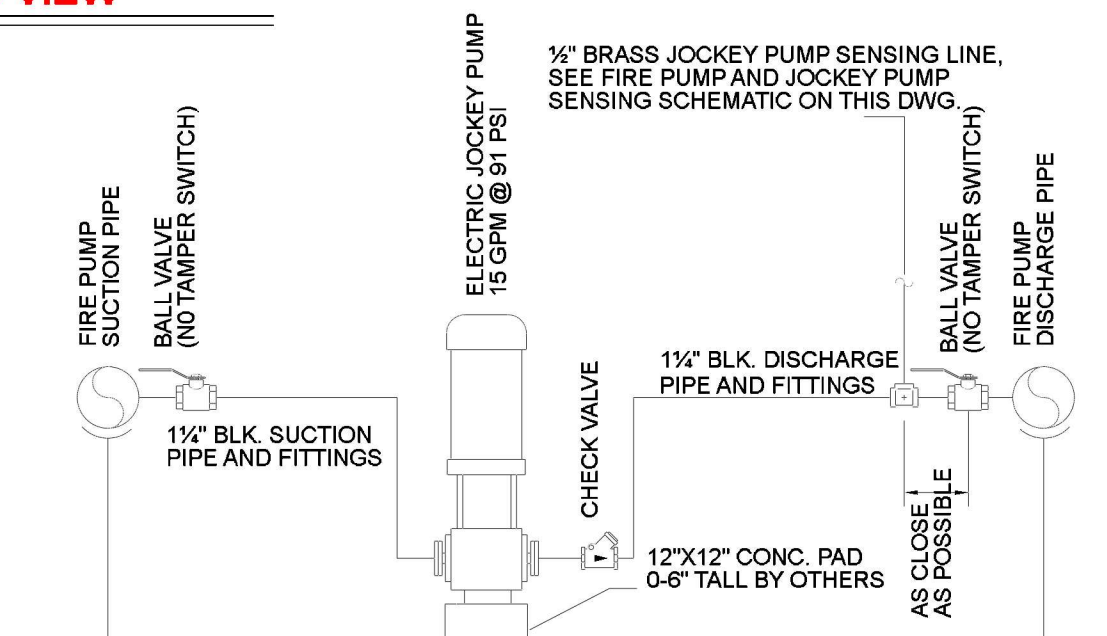
RISER ASSEMBLY MATERIAL LIST	
#	MATERIAL CALL OUT
01	6" RISER MANIFOLD W/ FLOW SWITCH, INSP. TEST, 2" MAIN DRAIN, & PRESSURE RELIEF VALVE
02	6" CHECK VALVE
03	6" BUTTERFLY VALVE W/ TAMPER (NORMALLY OPEN)
04	8" RISER BANK HEADER
05	8" UNDERGROUND FIRE LOOP SUPPLY PIPING
06	2" DRAIN PIPING
07	8" PIPE STAND



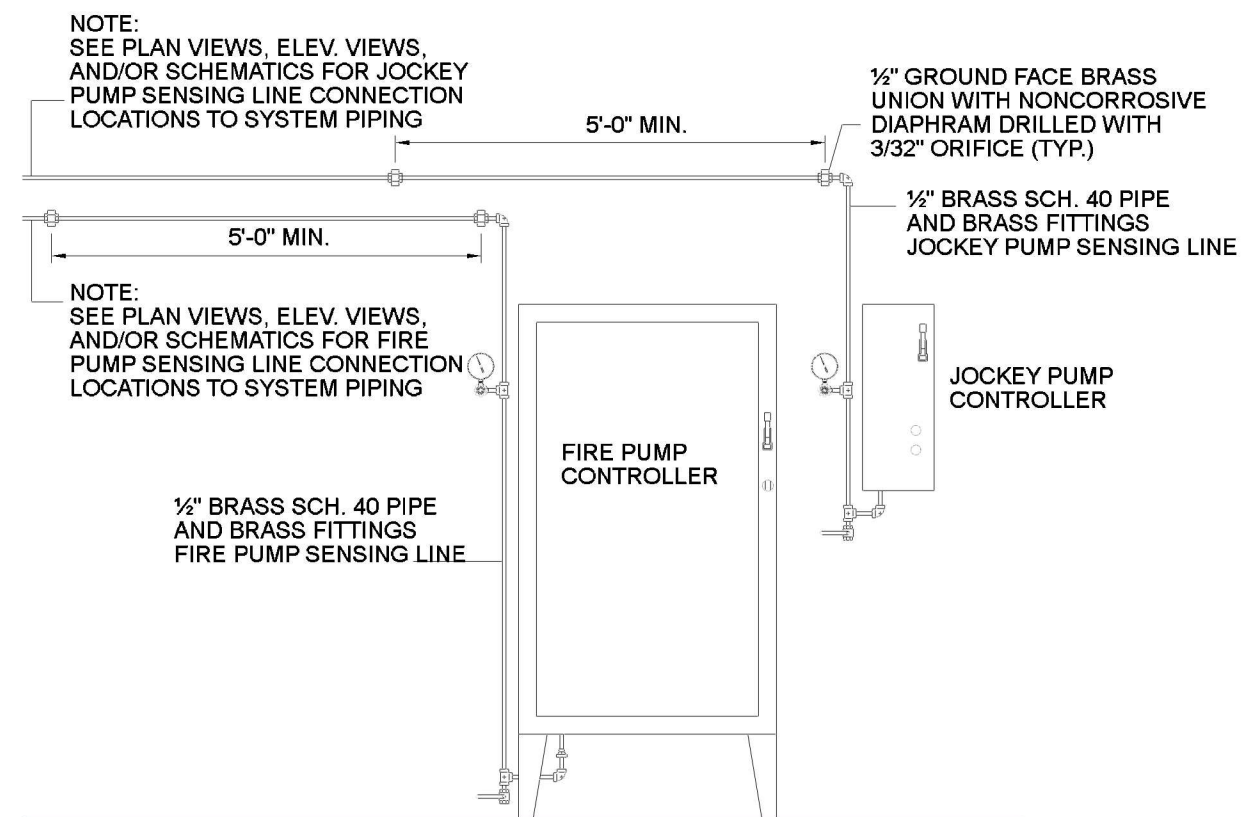
FIRE PUMP ROOM 3D VIEW
N.T.S.



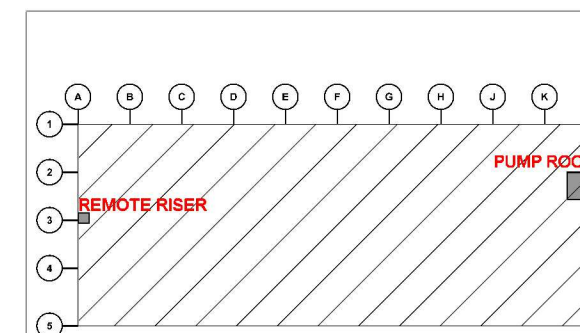
ELECTRIC FIRE PUMP SCHEMATIC
NO SCALE



JOCKEY PUMP SCHEMATIC
NO SCALE



FIRE PUMP AND JOCKEY PUMP SENSING SCHEMATIC
NO SCALE



KEY PLAN

FIRE PUMP NOTES:
-IN ADDITION TO THE FOLLOWING NOTES, ALL WORK AND MATERIAL SHALL CONFORM TO NFPA 13 AND NFPA 20, AS APPLICABLE

NFPA 20 REQUIREMENTS:

EQUIPMENT PROTECTION:
SUITABLE MEANS SHALL BE PROVIDED FOR MAINTAINING THE TEMPERATURE OF A PUMP ROOM OR PUMP HOUSE, WHERE REQUIRED, ABOVE 40 DEG F. ARTIFICIAL LIGHT SHALL BE PROVIDED IN THE PUMP ROOM OR PUMP HOUSE. EMERGENCY LIGHTING SHALL BE PROVIDED BY FIXED OR PORTABLE BATTERY OPERATED LIGHTS, INCLUDING FLASHLIGHTS. EMERGENCY LIGHTS SHALL NOT BE CONNECTED TO AN ENGINE STARTING BATTERY. PROVISION SHALL BE MADE FOR VENTILATION OF THE PUMP ROOM OR PUMP HOUSE. FLOORS SHALL BE PITCHED FOR ADEQUATE DRAINAGE OF ESCAPING WATER AWAY FROM CRITICAL EQUIPMENT SUCH AS THE PUMP, DRIVER, CONTROLLER, ECT. THE PUMP ROOM OR PUMP HOUSE SHALL BE PROVIDED WITH A FLOOR DRAIN THAT WILL DISCHARGE TO A FROST-FREE LOCATION.

PIPE AND FITTINGS:
WHERE CORROSIVE CONDITIONS EXIST, THE STEEL SUCTION PIPE SHALL BE GALVANIZED. ALL PROVISIONS FOR WELDED PIPE SHALL BE IN ACCORDANCE WITH NFPA 51B, STANDARD FOR FIRE PREVENTION DURING WELDING, CUTTING, AND OTHER HOT WORK.

SUCTION PIPE AND FITTINGS:
THE SUCTION PIPE SHALL BE INSTALLED AND TESTED IN ACCORDANCE WITH NFPA. A BY-PASS SHALL BE INSTALLED AROUND THE PUMP WHEN THE SUCTION PRESSURE IS OF MATERIAL VALUE WITHOUT THE PUMP. THE PIPE SIZE OF THE BY-PASS SHALL BE AS LARGE AS THE SIZE REQUIRED FOR SUCTION PIPE IN NFPA 20. THE BY-PASS CONTROL VALVES SHALL BE NORMALLY OPEN

DISCHARGE PIPE:
SHALL BE HYDROSTATICALLY TESTED IN ACCORDANCE WITH NFPA 13. THE SIZE OF THE PUMP DISCHARGE PIPE AND FITTINGS SHALL BE NOT LESS THAN THAT GIVEN IN NFPA 20.

ELECTRIC DRIVE FOR PUMPS:
ALL ELECTRICAL WORK TO SUPPLY POWER TO THE FIRE PUMP SHALL BE IN ACCORDANCE WITH CHAPTER 8 OF NFPA 20. ELECTRICAL WORK SHALL COMPLY WITH NFPA 70, ARTICLE 695 AND OTHER APPLICABLE ARTICLES. THE FIRE PUMP FEEDER CIRCUIT CONDUCTORS AND THEIR ACCESSORIES SHALL BE DEDICATED AND PROTECTED TO RESIST POSSIBLE DAMAGE BY FIRE, STRUCTURAL FAILURE, OR OPERATIONAL ACCIDENT. THE SUPPLY CONDUCTORS DIRECTLY CONNECT THE POWER SOURCE TO THE LISTED FIRE PUMP CONTROLLER.

FIRE PUMP CONTROLLER:
SHALL BE WIRED FOR MANUAL SHUTDOWN. FIRE PUMP SHALL BE MONITORED FOR THE FOLLOWING CONDITIONS: FIRE PUMP OR MOTOR RUNNING, LOSS OF PHASE, PHASE REVERSAL.



F.E. MORAN, INC.
FIRE PROTECTION

16815 COLLEGE BLVD
LENEXA, KS 66219
PHONE: 217-356-0700



CERTIFICATION

F.E. MORAN, INC. FIRE PROTECTION
COA # E2022012018



PROJECT INFORMATION

LEE'S SUMMIT LOGISTICS
BUILDING B LOT II
NW CORNER OF
NE TUDOR RD & MAIN ST
LEE'S SUMMIT, MO 64086

ISSUE DATES

PERMIT SET 08.12.22

220018

FP3.0

FIRE PUMP ROOM
DETAIL