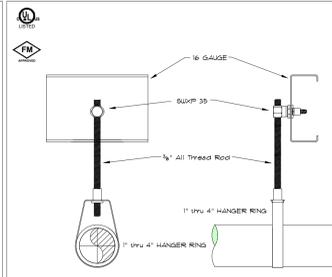
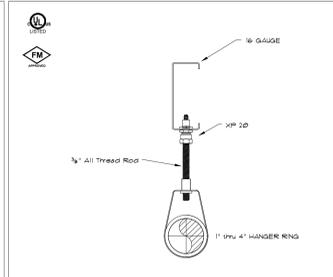


SAMMY CST 20 HANGER DETAIL
(PIPE SIZES 1" thru 4")



SAMMY SUXP 35 HANGER DETAIL
(PIPE SIZES 1" thru 4")



SAMMY XP 20 HANGER DETAIL
(PIPE SIZES 1" thru 4")

HANGER SPACING CHART

MAXIMUM DISTANCE BETWEEN HANGERS (FT-IN) PER NFPA-13

PIPE SIZE	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
STEEL PIPE	N/A	12-0	12-0	12-0	12-0	12-0	12-0	12-0
THREADED LOGICAL	N/A	12-0	12-0	12-0	12-0	12-0	N/A	N/A
COOPER	8-0	8-0	10-0	10-0	12-0	12-0	12-0	12-0
CPVC	8-6	8-0	8-6	11-0	8-0	9-0	10-0	N/A

DISTANCE FROM SPRINKLER TO HANGER PER NFPA-13

HANGER ROD SIZE PER NFPA-13

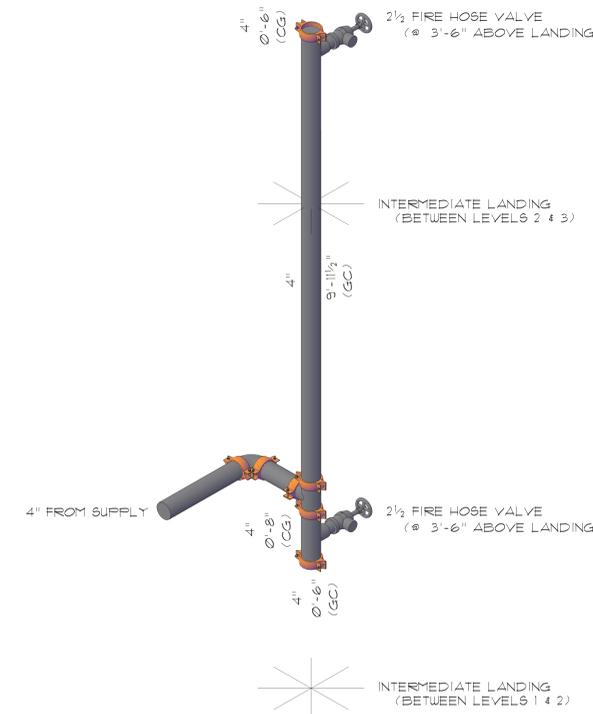
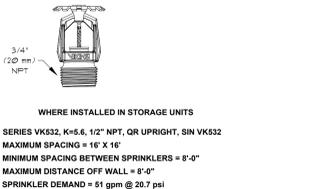
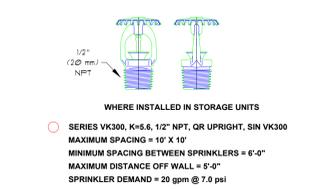
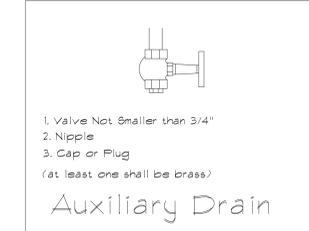
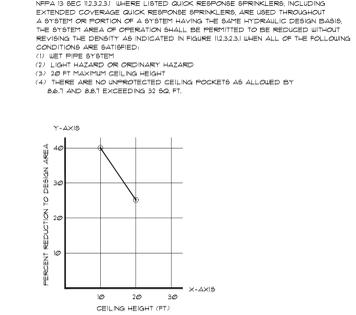
PIPE SIZE	DIAM. OF ROD	PIPE SIZE	DIAM. OF ROD
UP TO AND INCLUDING 4"	3/8"	6" AND 8"	1/2"

NOTE: IF PRESSURE EXCEEDS 150 PSI, PROVIDE HANGER FOR ARCH-ROVERS TO PREVENT BUCKLING EXCEEDED.

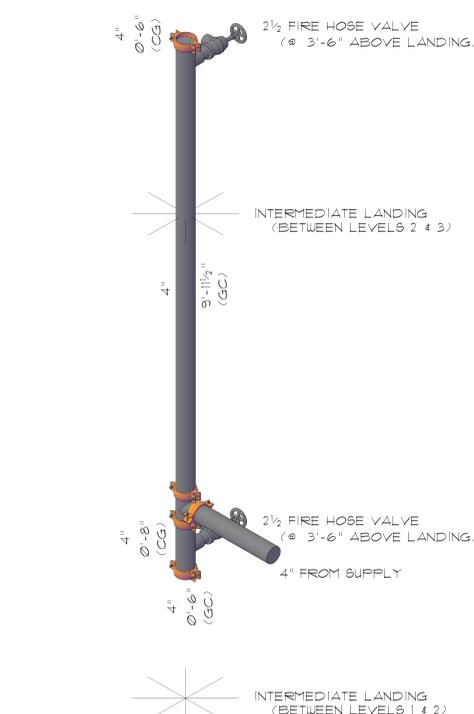
EXTERIOR CANOPIES / BALCONIES

PER NFPA PAMPHLET 13: SECTION 8.15.13
SPRINKLERS SHALL BE PERMITTED TO BE OMITTED FROM BELOW THE CANOPIES, ROOFS, PORTE-COCHERES, BALCONIES OR SIMILAR PROJECTIONS OF COMBUSTIBLE CONSTRUCTION PROVIDED THE EXPOSED FINISH MATERIAL ON THE ROOFS, CANOPIES, OR PORTE-COCHERES ARE NON-COMBUSTIBLE, LIMITED-COMBUSTIBLE, OR FIRE RETARDANT-TREATED WOOD AS DEFINED IN NFPA 703, Standard for Fire Retardant-Treated Wood and Fire-Retardant Coatings for Building Materials.
THE BALCONIES ARE CONSTRUCTED OF NON-COMBUSTIBLE MATERIALS AND FINISHED WITH NON-COMBUSTIBLE SOFFIT MATERIALS. FIRE SPRINKLERS ARE NOT REQUIRED.

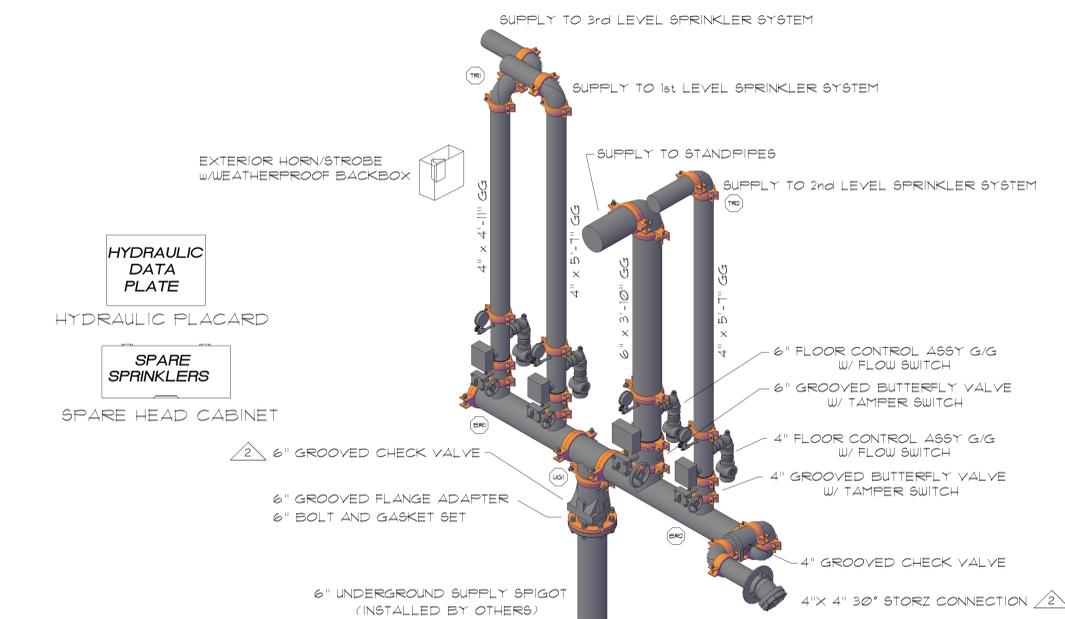
DESIGN AREA REDUCTION FOR QUICK-RESPONSE SPRINKLERS



MANUAL WET STANDPIPE DETAIL EAST STAIR
SCALE: 3/4" = 1'-0"



MANUAL WET STANDPIPE DETAIL SOUTH STAIR
SCALE: 3/4" = 1'-0"



LAKEVIEW SELF STORAGE - FIRE SPRINKLER RISER DETAIL
SCALE: 3/4" = 1'-0"

GENERAL NOTES

- ALL ELECTRICAL WORK BY OTHERS
- ALL UNDERGROUND PIPE INSTALLED BY OTHERS
- SPRINKLER SYSTEM SHALL BE MONITORED IN AN APPROVED MANAGER MONITORING OR SYSTEM IS THE RESPONSIBILITY OF THE OWNER
- THIS FIRE IS TO PROVIDE ALL NECESSARY DATA FOR IDENTIFYING DEVICES & HYDRAULIC DATA
- OWNER TO MAINTAIN ADEQUATE HEAT WHERE WET SYSTEM IS INSTALLED

FIRE PROTECTION MATERIALS

- ALL COMPONENTS TO BE UL LISTED
- ALL HANGERS TO BE PER NFPA-13 2003
- ALL PIPE 2" AND SMALLER WITH THREADED ENDS AND BLACK THREADED FITTING SHALL BE BLACK SCH 40
- ALL PIPE 1 1/2" AND LARGER GROOVED ENDS AND LISTED GROOVED FITTING SHALL BE BLACK SCH 40
- DRIPS TO BE 1" BLACK SCH 40 AND CUT ON THE JOB FIT FINISHED GUARDED CEILING WHERE APPLICABLE
- PROVIDE APPROVED FIRESTOPPING WHERE FIRE PENETRATES FIRE RATED FLOORS, WALLS & CEILINGS

APPLICABLE CODE REQUIREMENTS

BUILDING USE - SELF STORAGE GROUP 9-1
BUSINESS GROUP B
TYPE OF CONSTRUCTION - TYPE IIB
208 INTERNATIONAL BUILDING CODE (IBC)
208 INTERNATIONAL FIRE CODE (IFC)
NFPA 13 - 2016 EDITION
BUILDING IS FULLY SPRINKLERED

DESIGN CRITERIA

DESIGN CRITERIA NOTED INDIVIDUALLY SEE INDIVIDUAL HYDRAULIC DESIGN SHEETS

SYMBOLS

□	CONTROL MEASUREMENT
□	PIPE ELEVATION HEIGHT (7'-0")
□	CEILING HEIGHT ELEVATION
○	PIPE RISE
●	PIPE DROP
○	BRANCH LINE NUMBER
○	MAIN NUMBER
○	COMMON CONNECTION
○	2-WAY EARTHQUAKE BRACE
+	4-WAY EARTHQUAKE BRACE
-	FIRE HANGER
-	CAP (FLD OR GRVD)
○	SYSTEM RISER

ABBREVIATIONS

BOB	Bottom of Beam
BOC	Bottom of Deck
BDP	Bottom of Pipe
BTB	Below Top of Beam
N 4 C	Not in Contact
NIP	Nipple and Cap
NIC	Not in Contact
OSB	Other End Joint
RVV	Right Hand Valve
RPV	Right Hand Valve
TOP	Top of Beam
TOP	Top of Deck
TOP	Top of Pipe
UNB	Unless Otherwise Noted

IMPORTANT

LOCALITIES SUBJECT TO MEASUREMENT CONDITIONS THE OWNER THAT PLANTING, BUT THROUGHOUT THE FIRE SPRINKLER SYSTEM ANALYSIS AND IN ENCLOSURE HERE ON PIPE DESIGN OR OTHER VALUES CONTROLLING WATER SUPPLY TO SPRINKLER SYSTEM ARE LOCATED.

THIS DRAWING THE INFORMATION AND DESIGN APPLICATION HEREIN CONTAINED IS THE PROPERTY OF PERFORMANCE FIRE SYSTEMS LLC AND IS LOANED UPON THE CONDITION THAT THE USER SHALL BE REQUIRED TO REPRODUCE, REPRODUCTION OF THIS DRAWING OR ANY PART THEREOF REQUIRES WRITTEN CONSENT FROM PERFORMANCE FIRE SYSTEMS LLC.

SPRINKLERS/NOZZLES

SYMBOL	COUNT	OBSERVATION	FINISH	TEMP.	K-RATING	NPT	ORifice	MANUFACTURER	MODEL #	DESCRIPTION	SN #
TOTAL QUANTITY OF SPRINKLERS ON SHEET:											

SCALE SEE PLAN

DESIGN SUBMITTAL AND REVISION DATES

Submitted for Approval	9/10/2023
Revised per Comments	9/10/2023

PERFORMANCE FIRE SYSTEMS LLC
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OKLAHOMA LICENSE #427092
Phone: (918) 630-7394 Fax: (918) 217-1167

CONTRACT: LAKEVIEW SELF STORAGE
BUILDING A
4101 NE PORT DRIVE
LEE'S SUMMIT, MISSOURI

SHEET DESCRIPTION: HOUSEHOLD STORAGE

CONTRACT WITH: STRICKLAND CONSTRUCTION
DRAWING NO: FP - 2 OF 5

DATE: 9/10/2023

CONTRACTOR: STRICKLAND CONSTRUCTION
120 S ROGERS ROAD, SUITE B
OLATHE, KANSAS 66062
CONTACT: KELLY BETTIGBEW
VOICE: (913) 764-1000

DESIGNER: A.Abdah

DATE: 9/10/2023

SCALE: SEE PLAN

CONTRACT NO: LS-01-23

DATE: 9/10/2023

VOICE: (913) 764-1000

CONTRACT WITH: STRICKLAND CONSTRUCTION

DRAWING NO: FP - 2 OF 5

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SUBMIT DRAWING