

GENERAL NOTES:

1. RANGER FIRE'S WORK SHALL CONSIST OF ALL NECESSARY LABOR AND MATERIAL TO DESIGN AND INSTALL NEW AUTOMATIC FIRE SPRINKLER SYSTEMS IN THE REFERENCED BUILDINGS.
2. RANGER FIRE EXCLUDES ALL ELECTRICAL WORK.
3. ALL DESIGN AND INSTALLATION SHALL CONFORM TO 2018 IFC/IBC WITH AMENDMENTS, THE 2016 EDITIONS OF NFPA 13, NFPA 13R, NFPA 14 AND ALL COLUMBIA FIRE CODE REQUIREMENTS.
4. ALL MATERIAL TO BE UL/FM APPROVED FOR FIRE SERVICES.
5. PIPING MATERIAL SHALL CONSIST OF THE FOLLOWING:
- RISER ROOM: BLACK SCH. 10 & 40 STEEL PIPE W/ GROOVED & THREADED FITTINGS (U.O.N.)
- UNITS: CPVC PIPE W/ CPVC FITTINGS (U.O.N.)
- STANDPIPE: BLACK SCH. 10 & 40 STEEL PIPE W/ GROOVED & THREADED FITTINGS (U.O.N.)
- FIRST FLOOR CLUB/AMENITY: CPVC PIPE W/ CPVC FITTINGS (U.O.N.)
6. OWNER OR TENANT IS RESPONSIBLE FOR MAINTAINING ADEQUATE THERMOSTATICALLY CONTROLLED HEAT (MIN. 40 DEGREES F.) THROUGHOUT THE AREA PROTECTED BY A WET SYSTEM.
7. SPRINKLER EQUIPMENT ROOM AND EQUIPMENT COMPONENTS SHALL BE PROPERLY IDENTIFIED.
8. ALL HANGERS SHALL BE IN ACCORDANCE WITH NFPA 13 AND THE HANGER LISTING REQUIREMENTS.
9. ALL SYSTEMS SHALL BE TESTED AT 200 PSI FOR 2 HOURS AND WITNESSED BY A REPRESENTATIVE OF LEE'S SUMMIT FIRE DEPARTMENT. ANY LEAKS SHALL BE REPAIRED.
10. THE SYSTEMS HAVE BEEN HYDRAULICALLY CALCULATED PER NFPA 13R AND NFPA 14 REQUIREMENTS.
11. GENERAL CONTRACTOR TO FULLY INSULATE TRUSS SPACES ABOVE NFPA 13 SECTION.
12. SCOPE STARTING AT 1'-0" AFF AT RISER SPIGOT (FROM OTHERS).

UNIT INSTALLATION / REVIEW NOTES:

1. ALIGN ALL SIDEWALL SPRINKLER DEFLECTORS PARALLEL TO CEILING SLOPE (IF ANY).
2. FIELD VERIFY ALL SPRINKLER AND PIPE LOCATIONS PRIOR TO INSTALLATION.
3. ALL BRANCHLINE PIPING IS 3/4" CPVC (U.O.N.).
4. ROUTE AUXILLARY DRAINS (AS NEEDED) FOR UNFORSEEN TRAPPED AREAS.
5. FIRE CAULK ALL FIRE RATED WALLS THAT ARE PENETRATED.
6. ALL CPVC PIPE DIMENSIONS ARE CENTER OF THE FITTING.

BUILDING CONSTRUCTION DATA:

OCCUPANCY TYPE
HOTEL UNITS: R-1
UNCONCENTRATED: A-2
SWIMMING POOL: A-4
BACK OF HOUSE: B

CONSTRUCTION TYPE
HOTEL: V-A

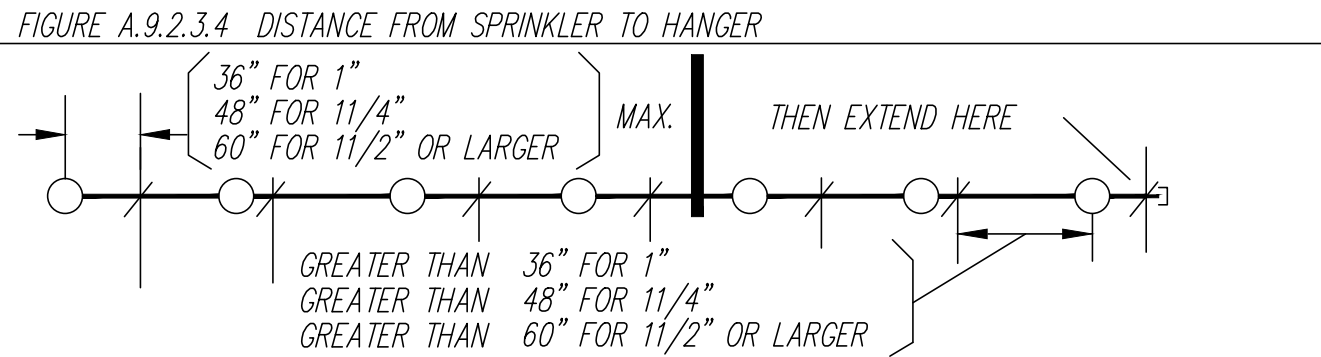
SPRINKLER TYPE
HOTEL UNITS: 2016 NFPA 13R
UNCONCENTRATED,
BACK OF HOUSE: 2016 NFPA 13

OCCUPANCY CHART (NFPA 13)			
FITNESS	LIGHT HAZARD	.10 DENSITY	
LOBBY	LIGHT HAZARD	.10 DENSITY	
OFFICE	LIGHT HAZARD	.10 DENSITY	
GUEST LAUNDRY	ORDINARY HAZARD	.15 DENSITY	

OCCUPANCY CHART (NFPA 13R)			
BEDROOM	LIGHT HAZARD	.05 DENSITY	
LIVING ROOM	LIGHT HAZARD	.05 DENSITY	
BATHROOM	LIGHT HAZARD	.05 DENSITY	
CORRIDOR	LIGHT HAZARD	.10 DENSITY	

HANGER SPACING CHART

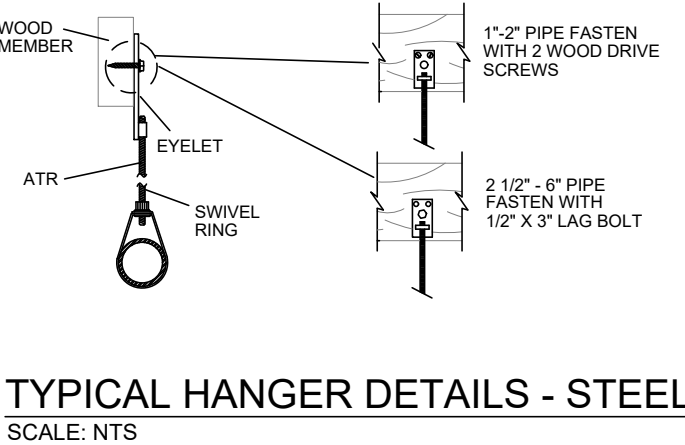
TABLE 9.2.2.1 MAXIMUM DISTANCE BETWEEN HANGERS (FT-IN.)									
NOMINAL PIPE SIZE (IN.)	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	6
STEEL PIPE	N/A	12-0	12-0	15-0	15-0	15-0	15-0	15-0	15-0
CPVC	5-6	6-0	6-6	7-0	8-0	9-0	10-0	N/A	N/A



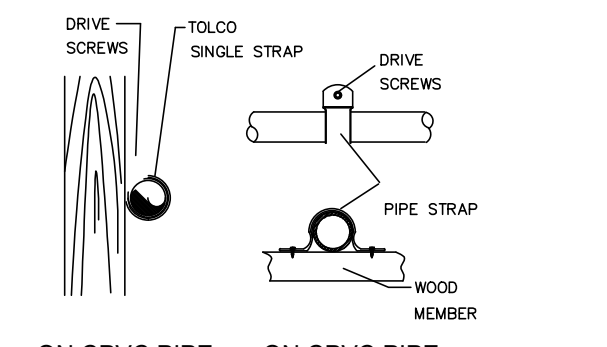
NOTE: WHERE PRESSURES EXCEED 100 PSI THE UNSUPPORTED LENGTH BETWEEN THE END SPRINKLER IN A PENDENT POSITION OR DROP HANGING AND THE LAST HANGER ON THE BRANCH LINE SHALL NOT BE GREATER THAN 12 INCHES FOR STEEL PIPE.

TABLE 9.1.2.1 HANGER ROD SIZES

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



STEEL HANGER MATRIX			
PIPE SIZE	ROD SIZE	MAXIMUM DISTANCE BETWEEN HANGERS	
1 1/4"	3/8"	12'	
1 1/2"	3/8"	15'	
2"	3/8"	15'	
2 1/2"	3/8"	15'	
3"	3/8"	15'	
4"	3/8"	15'	
6"	1/2"	15'	
8"	1/2"	15'	



CPVC HANGER MATRIX			
PIPE SIZE	ROD SIZE	MAXIMUM DISTANCE BETWEEN HANGERS	
3/4"	3/8"	5-1/2'	
1"	3/8"	6'	
1 1/4"	3/8"	6 1/2'	
1 1/2"	3/8"	7'	
2"	3/8"	8'	
2 1/2"	3/8"	9'	
3"	3/8"	10'	

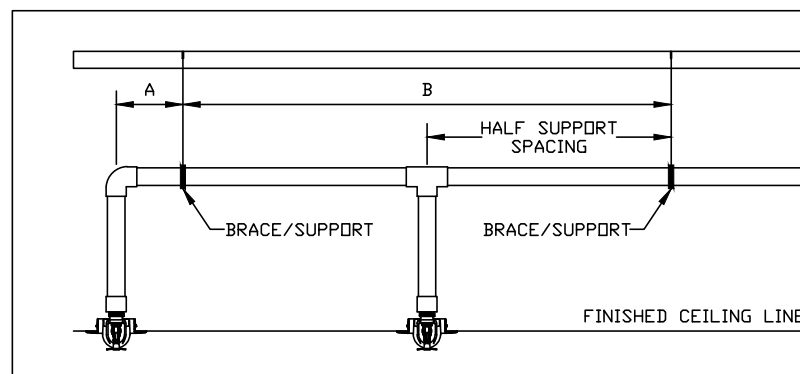


TABLE A

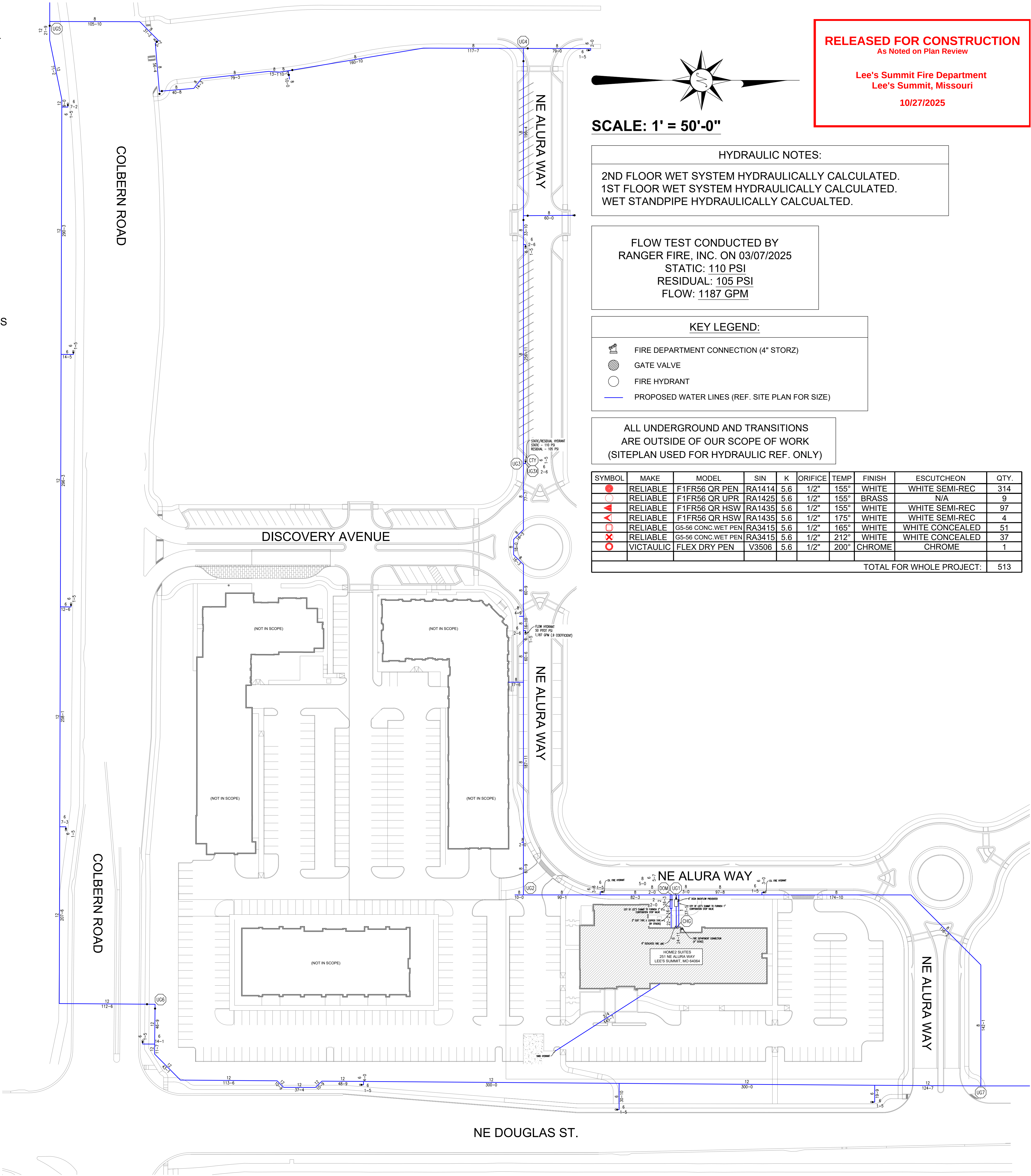
MAXIMUM SUPPORT SPACING DISTANCE END LINE SPRINKLER HEAD DROP ELBOW

NOMINAL PIPE SIZE (IN.)	LESS THAN 100 PSI	MORE THAN 100 PSI
1"	9'	6'
1 1/2"	12'	9'
1 1/2"	16'	12'
1 1/2"-3"	24'	12'

TABLE B

MAXIMUM SUPPORT SPACING DISTANCE INLINE SPRINKLER HEAD DROP TEE

NOMINAL PIPE SIZE (IN.)	LESS THAN 100 PSI	MORE THAN 100 PSI
1"	4'	3'
1 1/2"	5'	4'
1 1/2"	6'	5'
1 1/2"-3"	7'	7'



Ranger Fire, Inc.
1000 South Main Street, Suite 150
Grapevine, Texas 76051
Phone: 817-410-9070

CONFIDENTIALITY STATEMENT
This drawing, the information and design application herein contained, is the property of Ranger Fire, Inc. and is to be used only for the project and location specified herein. It is to be kept confidential and not to be reproduced or used for any other project without the written consent of Ranger Fire, Inc. The design information herein is for informational purposes only and does not constitute a contract. The design information herein is for informational purposes only and does not constitute a contract.

OWNER:
INTENSIC DEVELOPMENT
3822 ENDEAVOR AVENUE, SUITE 01
COLUMBIA, MO 65501
(637) 881-0280

DESIGNER:
RANGER FIRE, INC.
1000 SOUTH MAIN STREET, SUITE 150
GRAPEVINE, TEXAS 76051
(817) 410-9070

REVISIONS:
10/01/25 - DESIGN CHANGES TO COMPLY WITH HILTON ARCHITECTURE DESIGN & CONSULTANTS
10/14/25 - LEE'S SUMMIT PLAN REVIEW COMMENTS

SYMBOL

MAKE

MODEL

SIN

K

ORIFICE

TEMP

FINISH

ESCUTCHEON

QTY.

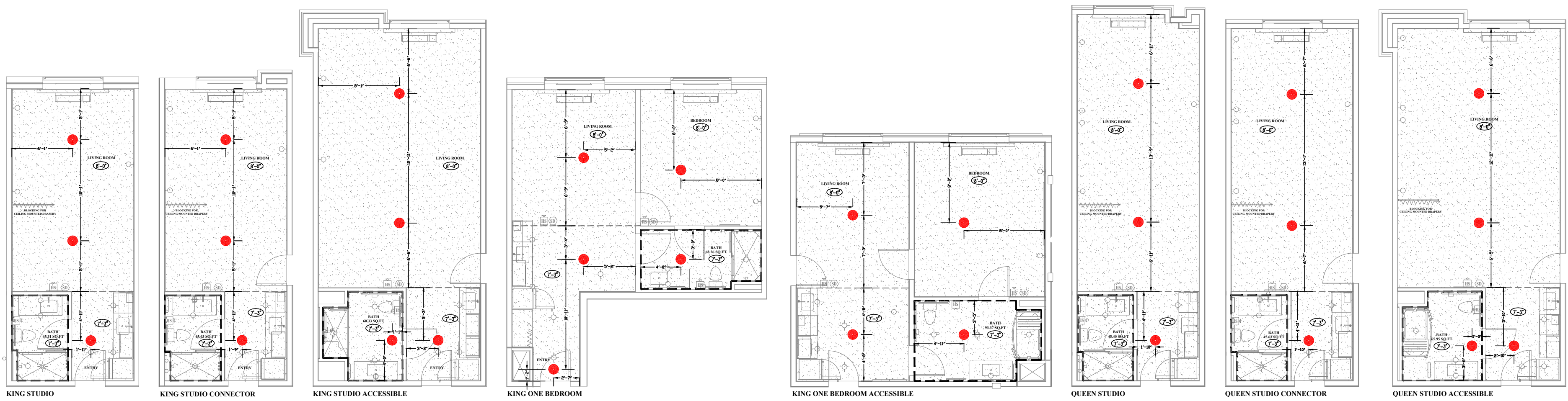
TOTAL HEADCOUNT SHOWN ON FLOOR PLAN

RANGER FIRE

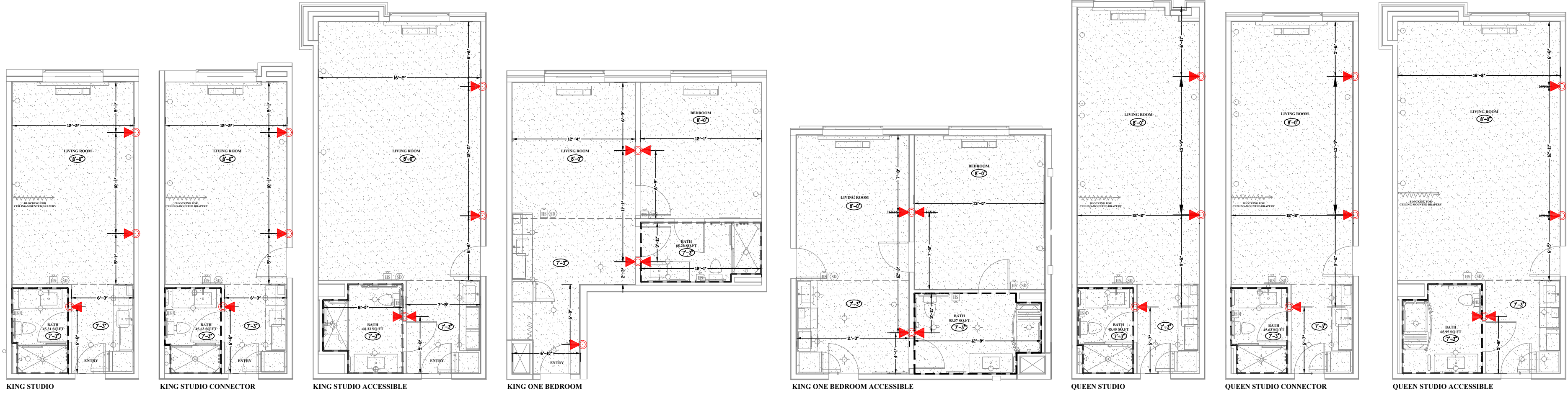
AS SHOWN
DRAWN BY: R.C.
CHECKED BY: J.G.
DATE: 10/17/2025
DWG. NO.: FPI

HOME'S SUITES BY HILTON
251 NE ALURA WAY
LEE'S SUMMIT, MO 64064

DESCRIPTION: INSTALLATION PER NFPA 13, NFPA 13R & NFPA 14
CONTRACT #: FV425-013

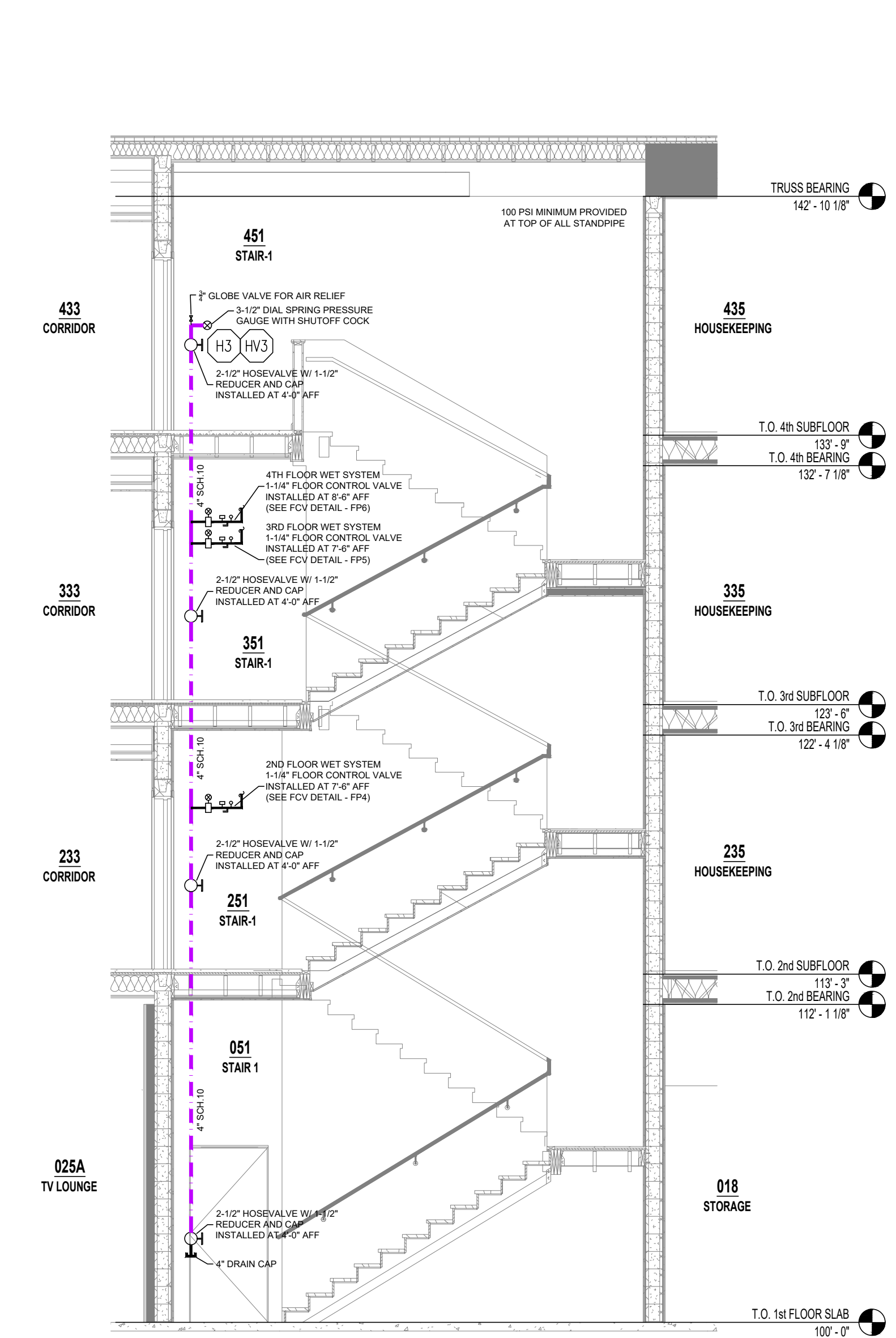


1ST, 2ND & 3RD FLOOR UNIT(S) LAYOUT

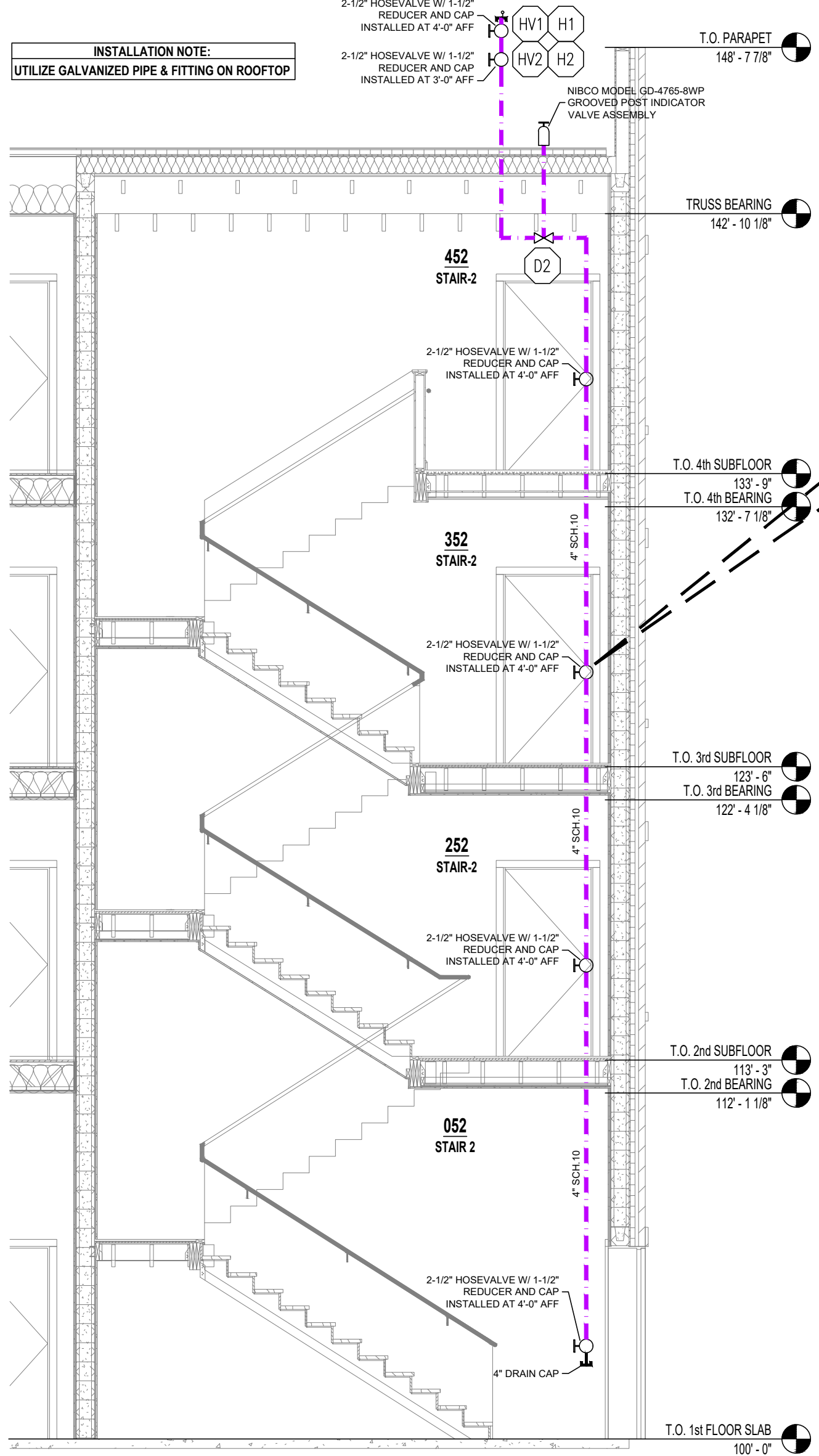


4TH FLOOR UNIT(S) LAYOUT

NFPA 13R UNIT REVIEW NOTES:
SPRINKLERS SHALL NOT BE REQUIRED IN BATHROOMS IN DWELLING UNITS WHERE THE BATHROOM AREA DOES NOT EXCEED 55 SQ.FT PER NFPA 13R 6.6.2
SPRINKLERS SHALL NOT BE REQUIRED IN CLOSETS, LINEN CLOSETS, OR PANTRIES NOT EXCEEDING 24 SQ.FT PER NFPA 13R 6.6.3
SPRINKLERS SHALL BE INSTALLED IN ANY CLOSET USED FOR HEATING OR AIR-CONDITIONING EQUIPMENT, WASHERS, DRYERS, OR WATER HEATERS PER NFPA13 R 6.6.4



STAIR 1 - CROSS SECTION

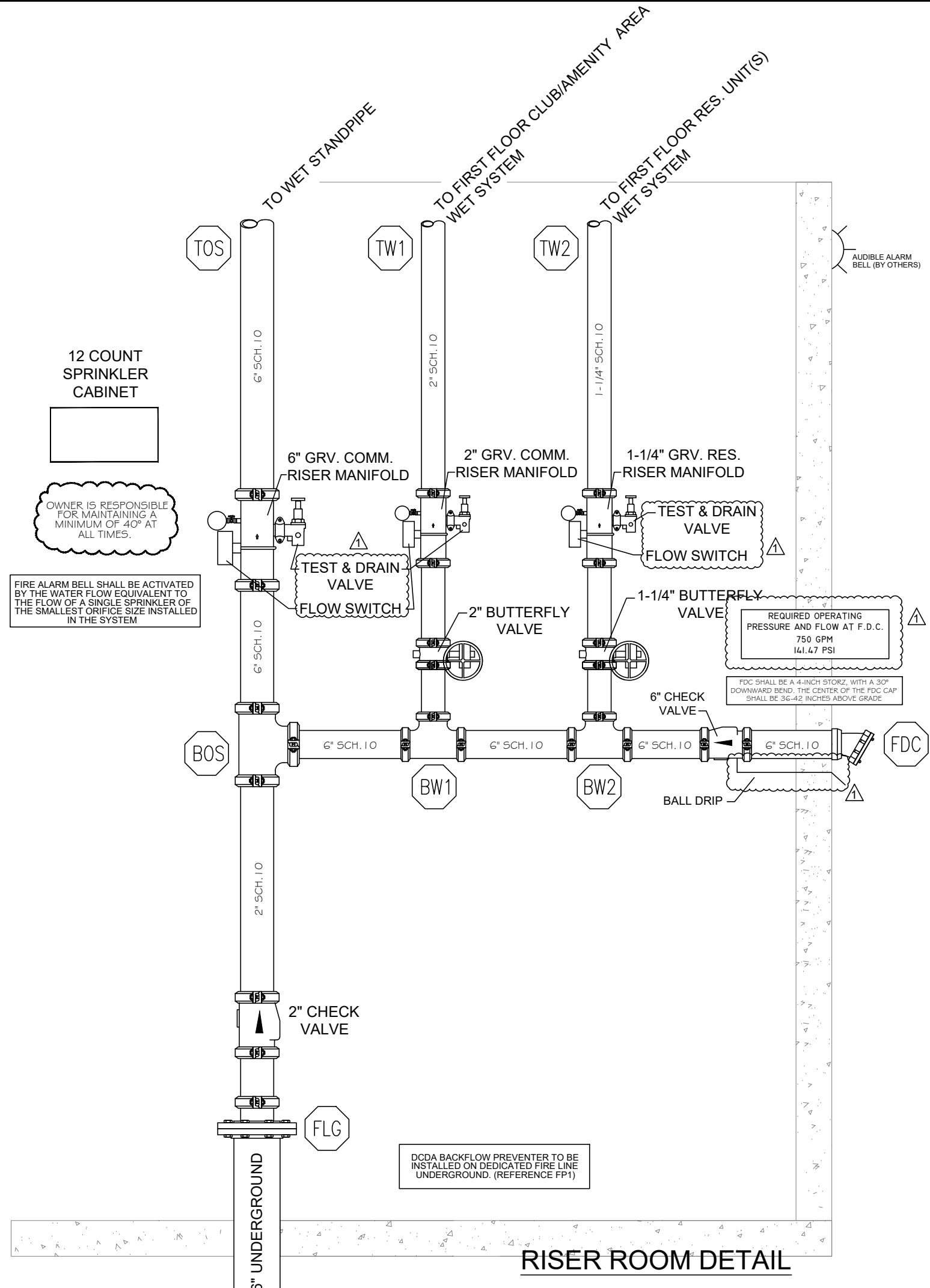
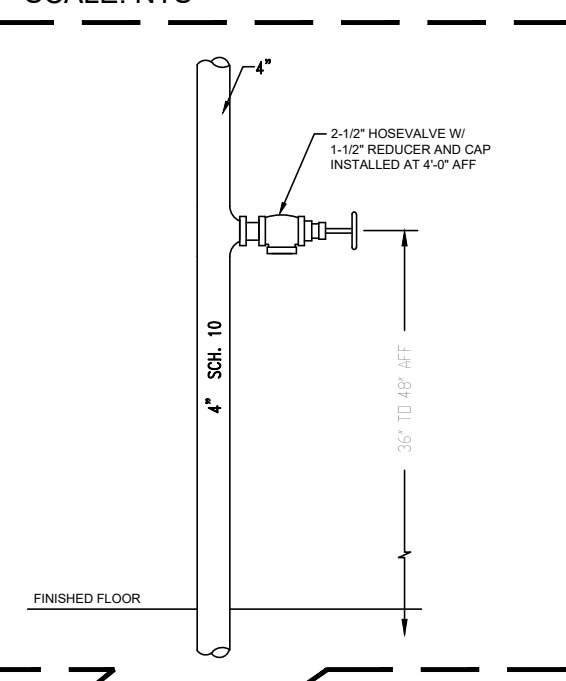


STAIR 2 - CROSS SECTION



BUILDING CROSS SECTION

HOSE VALVE DETAIL



HOME2 SUITES BY HILTON 251 NE ALURA WAY LEE'S SUMMIT, MO 64064										 RANGER FIRE									
AS SHOWN										CONFIDENTIALITY STATEMENT									
SCALE: DRAWN BY: R.C.										This drawing, its information and design, including, but not limited to, the information and design, is the property of Ranger Fire, Inc. and is not to be reproduced, in whole or in part, without the written consent of Ranger Fire, Inc. The information and design contained herein are for the use of the client only and are not to be used for any other purpose without the written consent of Ranger Fire, Inc.									
CHECKED BY: J.G.										OWNER:									
DATE: 10/17/2025										INTRINSIC DEVELOPMENT									
DWG. NO: FP2										3622 ENCLAVOR AVENUE, SUITE 101									
CONTRACT # FV25-013										COLUMBIA, MO 65201									
DESCRIPTION/INSTALLATION PER NFPA 13, NFPA 13R & NFPA 14										(314) 881-1200									
										CONTRACTOR:									
										INTRINSIC DEVELOPMENT									
										3622 ENCLAVOR AVENUE, SUITE 101									
										COLUMBIA, MO 65201									
										(314) 881-1200									
										REVISIONS									
										1001/25 - DESIGN CHANGES TO COMPLY WITH HILTON									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										1001/25 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									
										101/4026 - LEES SUMMIT PLAN REVIEW COMMENTS									

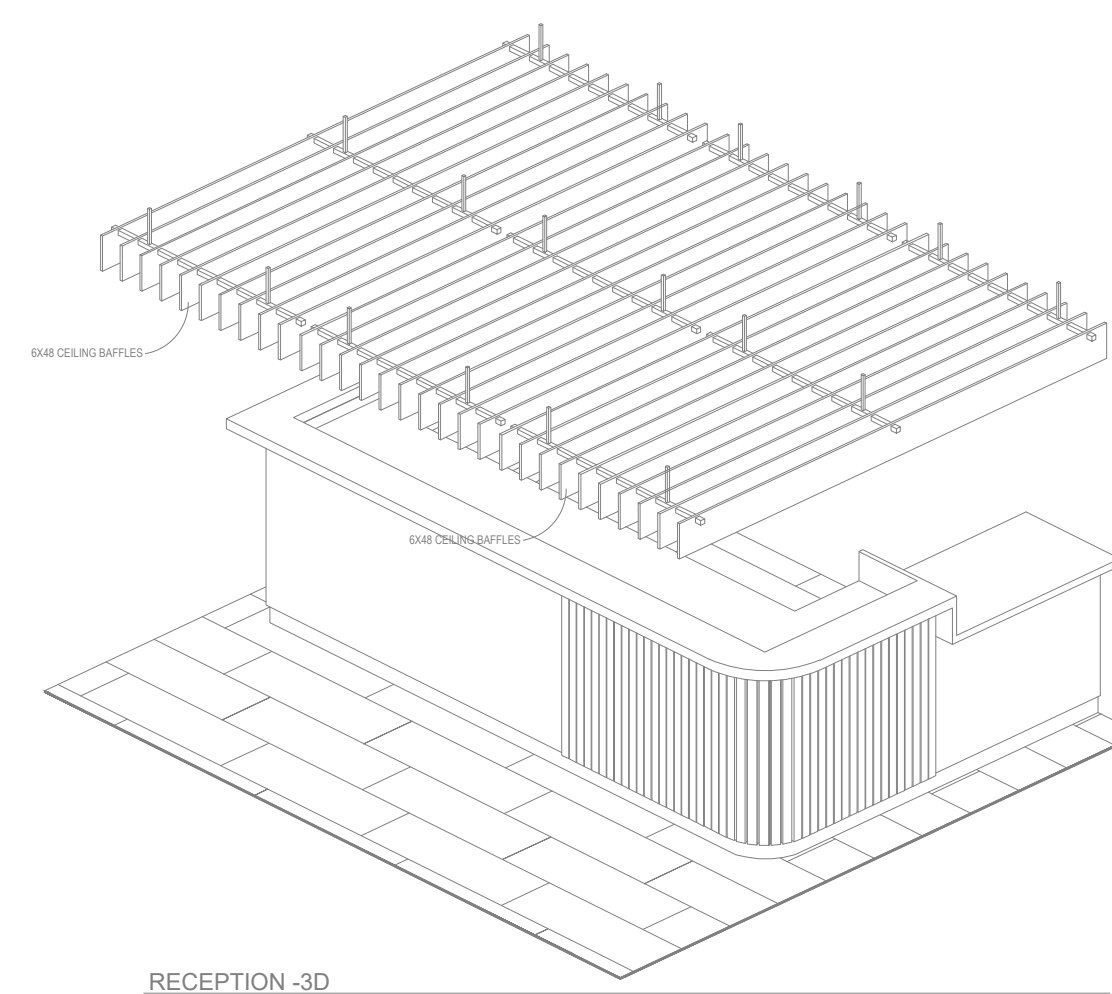
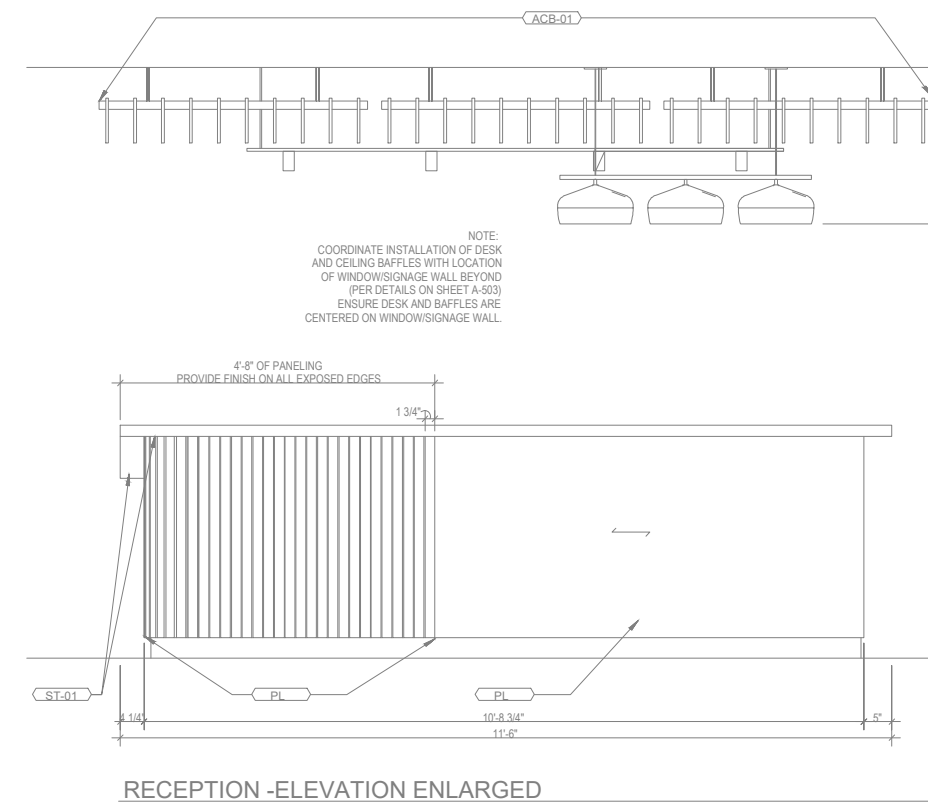
DETAILS

LEGEND

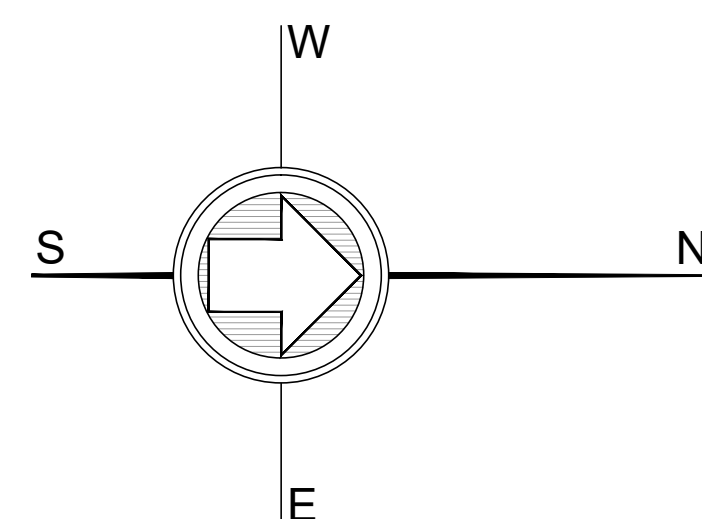
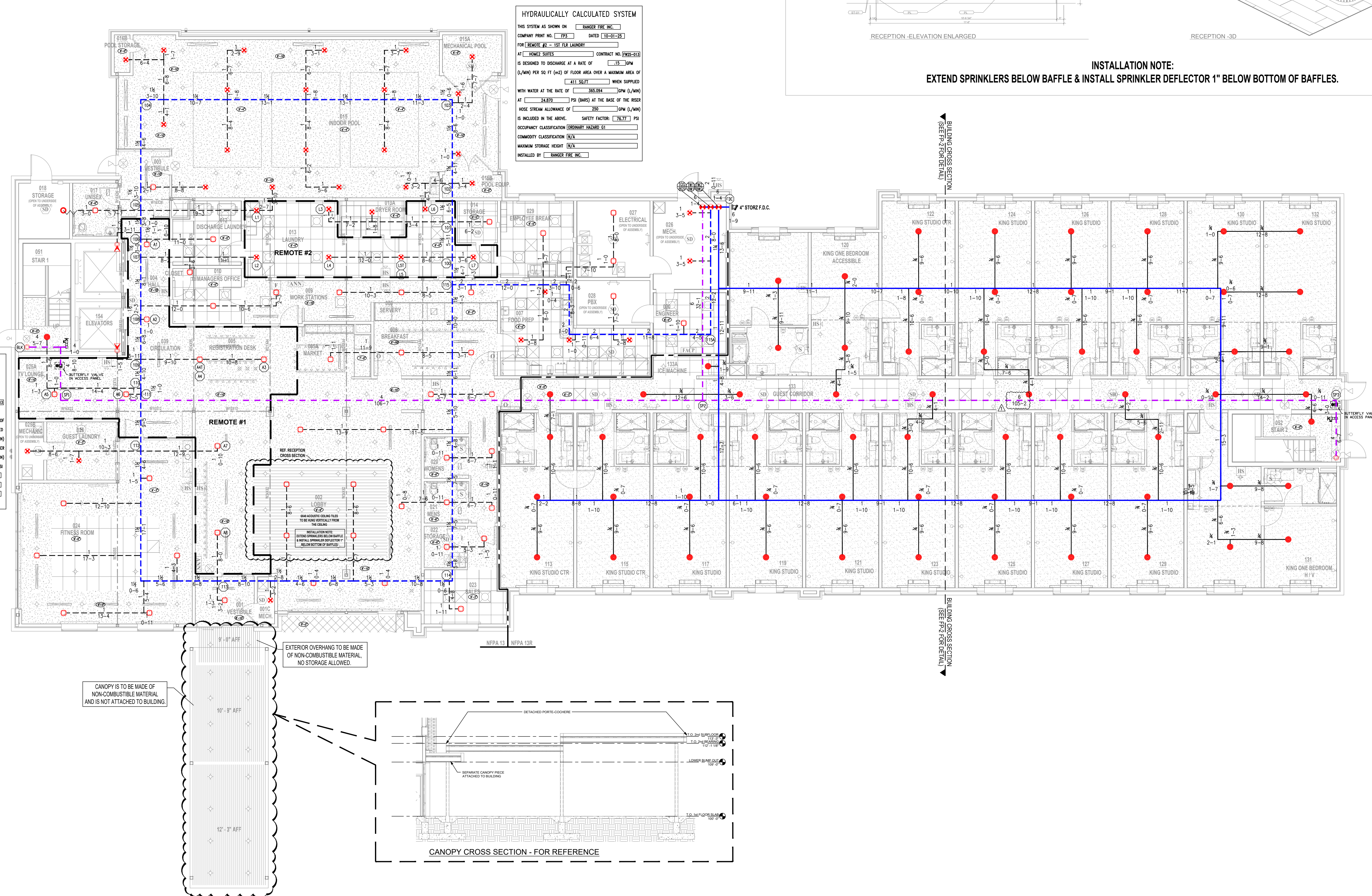
SPRINKLER RISER LOCATION
VERTICAL PIPE (UP OR DN)
HYDRAULIC NODE
REMOTE AREA OUTLINE
WET SYSTEM - CPVC PIPE
WET SYSTEM - SCH.10/40 STEEL PIPE
WET MANUAL STANDPIPE - SCH.10 STEEL PIPE
CORR. CLG. HEIGHT @8'-3" A.F.F. - U.O.N.
CORR. CLG. HEIGHT @8'-0" A.F.F. - U.O.N.

[illegible]

RECEPTION CROSS SECTION - FOR REFERENCE



INSTALLATION NOTE:
EXTEND SPRINKLERS BELOW BAFFLE & INSTALL SPRINKLER DEFLECTOR 1" BELOW BOTTOM OF BAFFLES.



2 1 0 4
SCALE 1/8"=1'-0"

FIRST FLOOR PLAN

Ranger Fire, Inc.
1000 South Main Street, Suite 150
Grapevine, Texas 76051
Phone: 817-410-9070

CONFIDENTIALITY STATEMENT

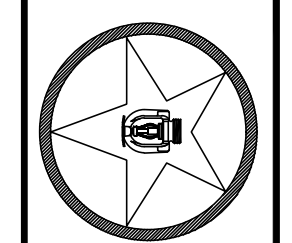
This drawing, the information and design applications herein contained is the property of Hiltion Architecture Design & Consultants. It is loaned upon the express condition that the same be returned to Hiltion upon request. No reproduction of the drawing or any part thereof shall be made without the original written consent of Hiltion Architecture Design & Consultants.

REVISIONS

1001/25 - DESIGN CHANGES TO COMPLY WITH HILTON ARCHITECTURE DESIGN & CONSULTANTS.
1014/25 - LEE'S SUMMIT PLAN REVIEW COMMENTS

OWNER:	
INTRINSIC DEVELOPMENT	
3622 ENDEAVOR AVENUE, SUITE 101	
COLUMBIA, MO 65201	
(673) 881-10260	
CONTRACTOR:	
INTRINSIC DEVELOPMENT	
3622 ENDEAVOR AVENUE, SUITE 101	
COLUMBIA, MO 65201	

SYMBOL	NAME	MODEL	S/N	K	OFFICE TEMP	FINISH	ESCUITECHON	QUANTITY
TOTAL HEADCOUNT SHOWN ON FLOOR PLAN								



RANGER ETRE

HOME2 SUITES BY HILTON
251 NE ALURA WAY
LEE'S SUMMIT, MO 64064

025	Multi-Family
-----	--------------

SCALE:	1/8" = 1'-0"
DRAWN BY:	R.C.
CHECKED BY:	J.G.
DATE:	10/17/2025
TW/G. NO.:	

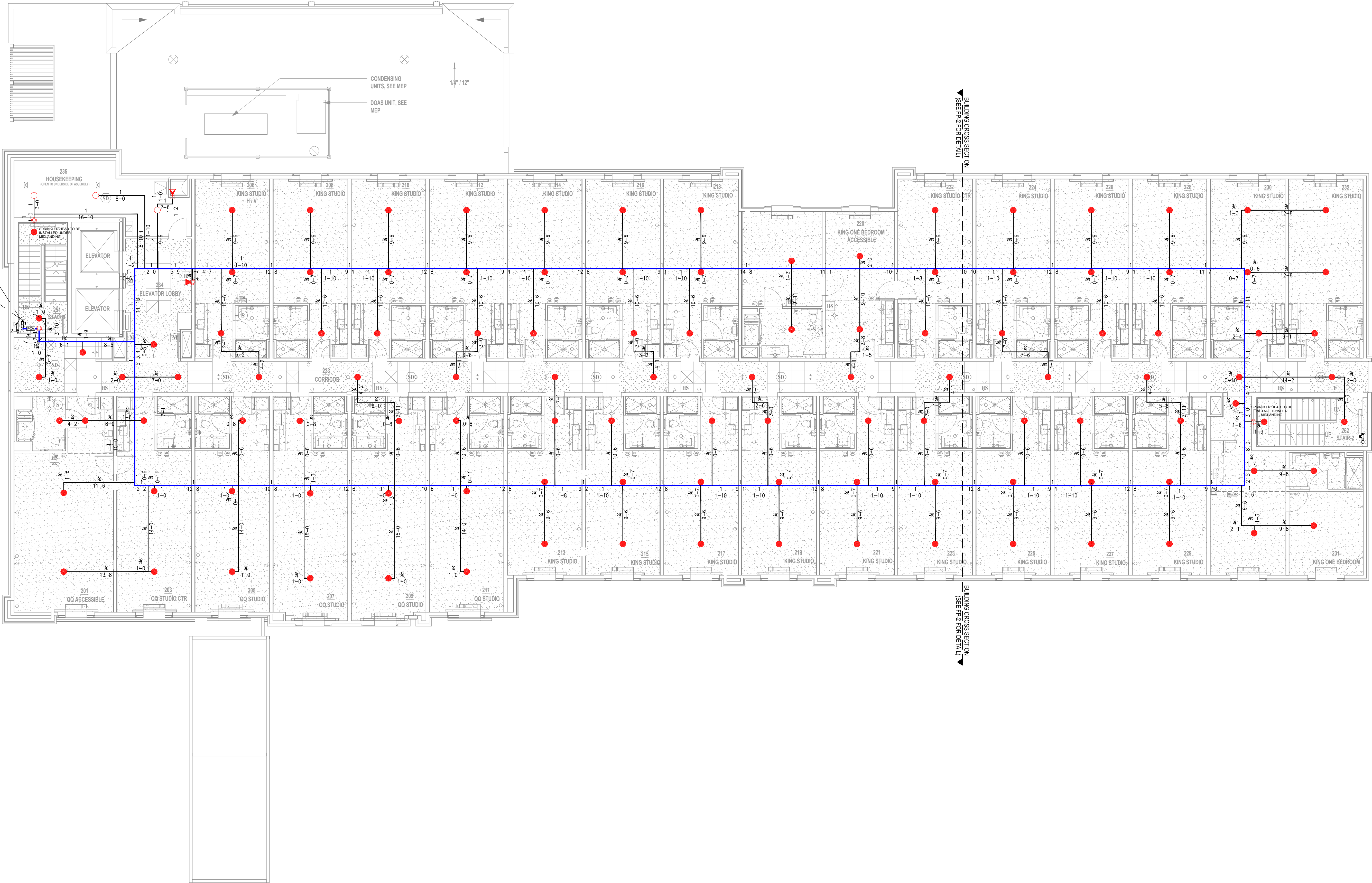
o

REF

LEGEND

SPRINKLER RISER LOCATION
VERTICAL PIPE (UP OR DN)
HYDRAULIC NODE
REMOTE AREA OUTLINE
WET SYSTEM - CPVC PIPE
WET SYSTEM - SCH.10/40 STEEL PIPE
WET MANUAL STANDPIPE - SCH.10 STEEL PIPE
CORR. CLG. HEIGHT @8'-3" A.F.F. - U.O.N.
CORR. CLG. HEIGHT @8'-0" A.F.F. - U.O.N.

SYMBOL	MAKE	MODEL	SIN	K	ORIFICE	TEMP	FINISH	ESCUTCHEON	QTY.
	RELIABLE	F1FR56 QR PEN	RA1414	5.6	1/2"	155°	WHITE	WHITE SEMI-REC	114
	RELIABLE	F1FR56 QR UPR	RA1425	5.6	1/2"	155°	BRASS	N/A	3
	RELIABLE	F1FR56 QR HSW	RA1435	5.6	1/2"	155°	WHITE	WHITE SEMI-REC	1
	RELIABLE	F1FR56 QR HSW	RA1435	5.6	1/2"	175°	WHITE	WHITE SEMI-REC	1
	RELIABLE	G5-56 CONC.WET PEN	RA3415	5.6	1/2"	165°	WHITE	WHITE CONCEALED	
	RELIABLE	G5-56 CONC.WET PEN	RA3415	5.6	1/2"	212°	WHITE	WHITE CONCEALED	
	VICTAULIC	FLEX DRY PEN	V3506	5.6	1/2"	200°	CHROME	CHROME	
TOTAL FOR SECOND FLOOR:									119



W

N

E

S

2

1

0

4

8

SCALE 1/8"=1'-0"

SECOND FLOOR PLAN

SCALE 1/8" = 1'-0"

DRAWN BY: R.C.

CHECKED BY: J.G.

DATE: 10/17/2025

BY: NG

HOME2 SUITES BY HILTON

251 NE ALURA WAY

LEE'S SUMMIT, MO 64064

Multi-Family

FP4

DESCRIPTION: INSTALLATION PER NFPA 13, NFPA 13R & NFPA 14

CONTRACT #: FW25-013

RANGER FIRE

TOTAL HEADCOUNT SHOWN ON FLOOR PLAN

ESCUICHEON

FINISH

TEMP

SIN

MODEL

MAKE

SYMBOL

OWNER:

INTRINSIC DEVELOPMENT

3622 ENDOVER AVENUE, SUITE 01

COLUMBIA, MO 65201

(573) 881-0280

CONTRACTOR:

INTRINSIC DEVELOPMENT

3622 ENDOVER AVENUE, SUITE 01

COLUMBIA, MO 65201

(573) 881-0280

REVISIONS

10/01/25 - DESIGN COMMENTS WITH HILTON

ARCHITECTURE DESIGN & CONSULTANTS

10/14/25 - LEE'S SUMMIT PLAN REVIEW COMMENTS

CONFIDENTIALITY STATEMENT

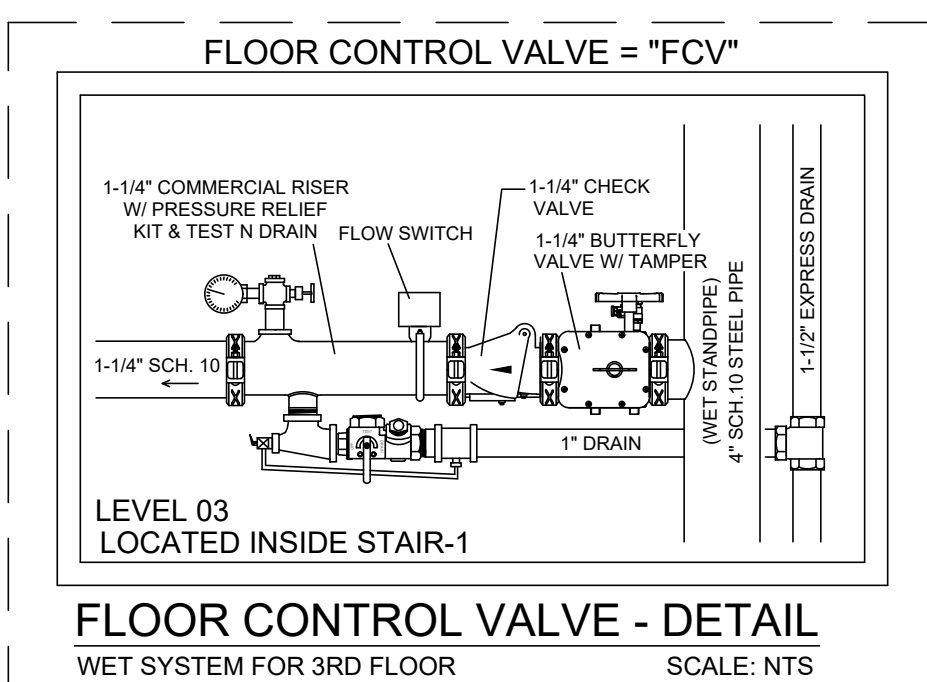
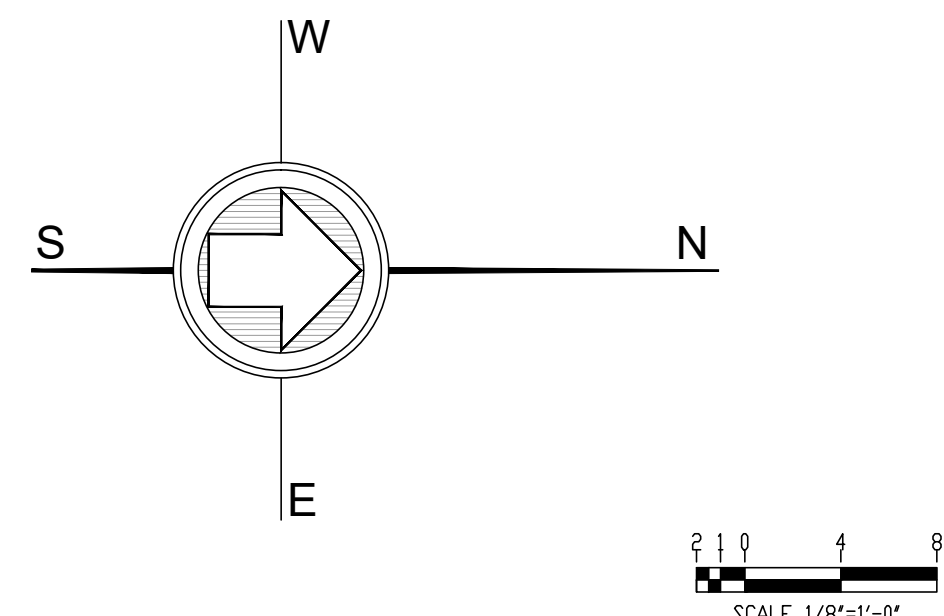
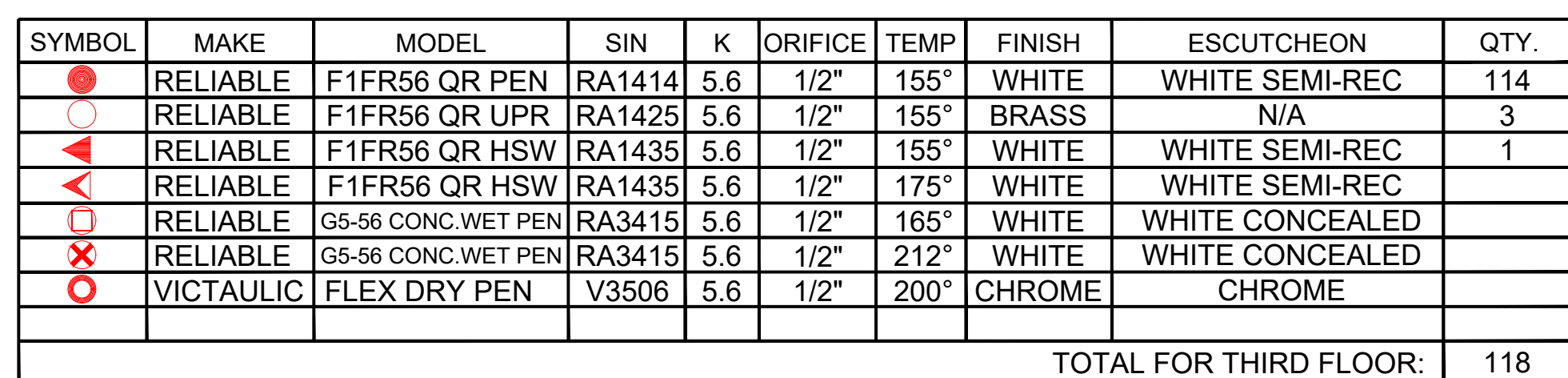
This drawing is the property of Ranger Fire, Inc. and is to be used only for the project and location specified. It is not to be reproduced, copied, or distributed without the written consent of Ranger Fire, Inc. The user of this drawing assumes all liability for any errors or omissions. The user of this drawing also assumes all liability for any damages or losses resulting from the use of this drawing.

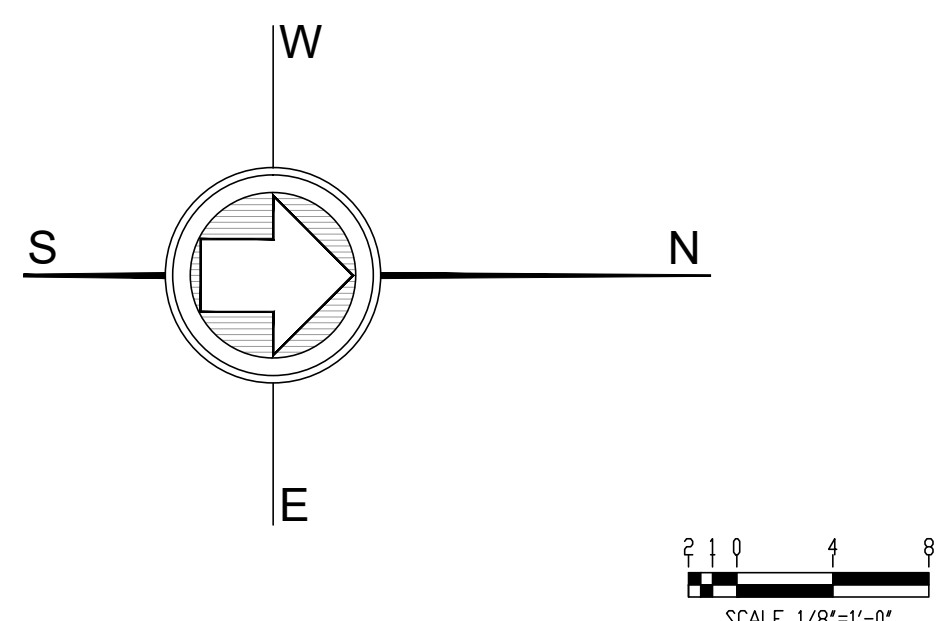
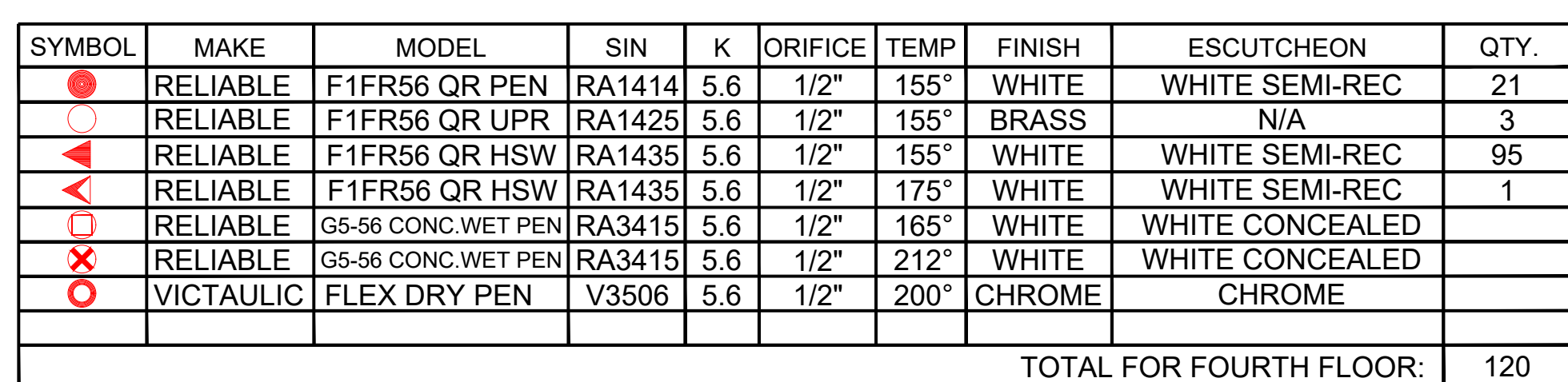
Ranger Fire, Inc.

1000 South Main Street, Suite 150

Grapevine, Texas 76051

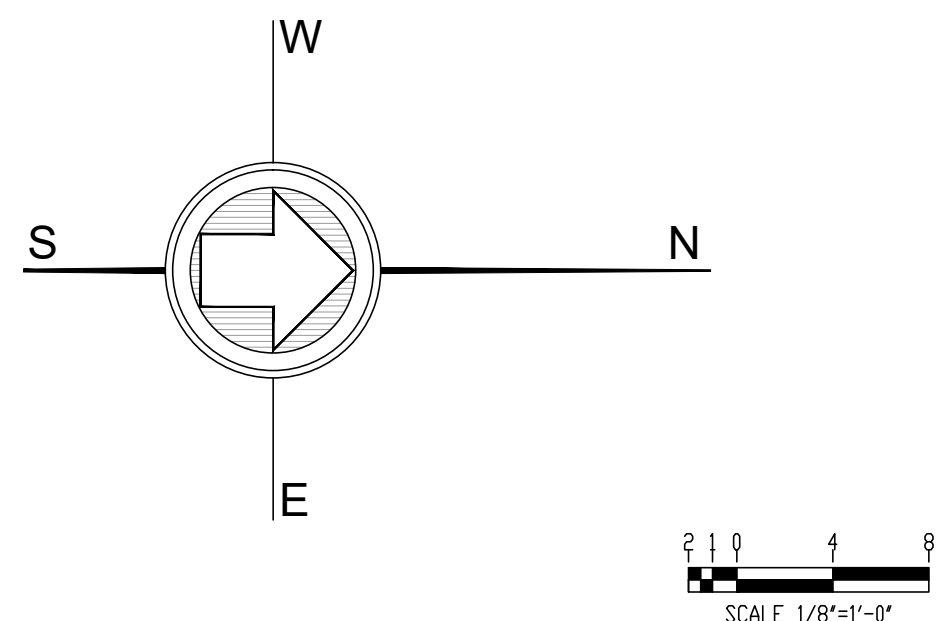
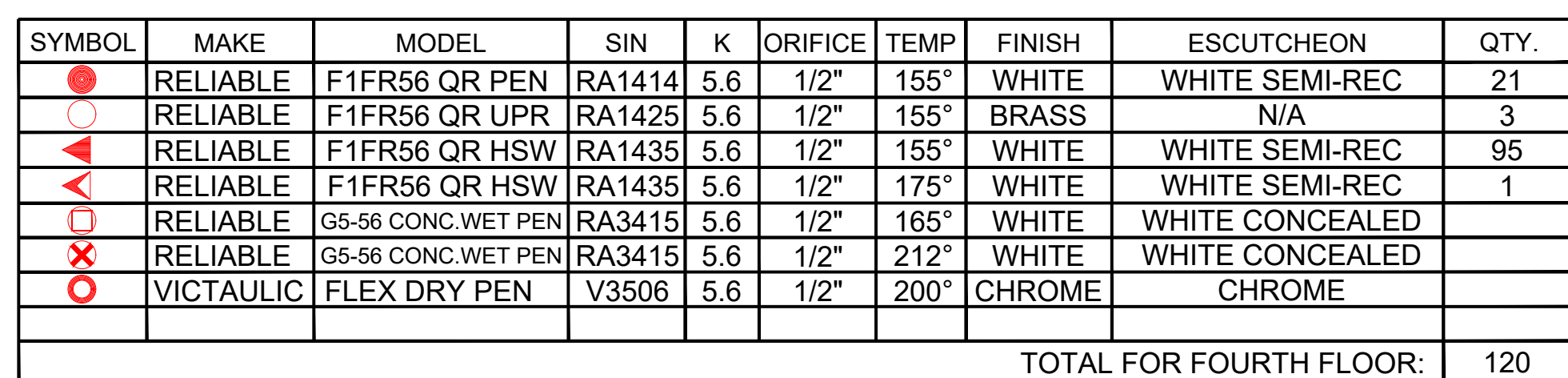
Phone: 817-410-9070

[illegible]



FOURTH FLOOR SYSTEM PLAN (INSTALLED INSIDE 3RD FLOOR TRUSS SPACE)

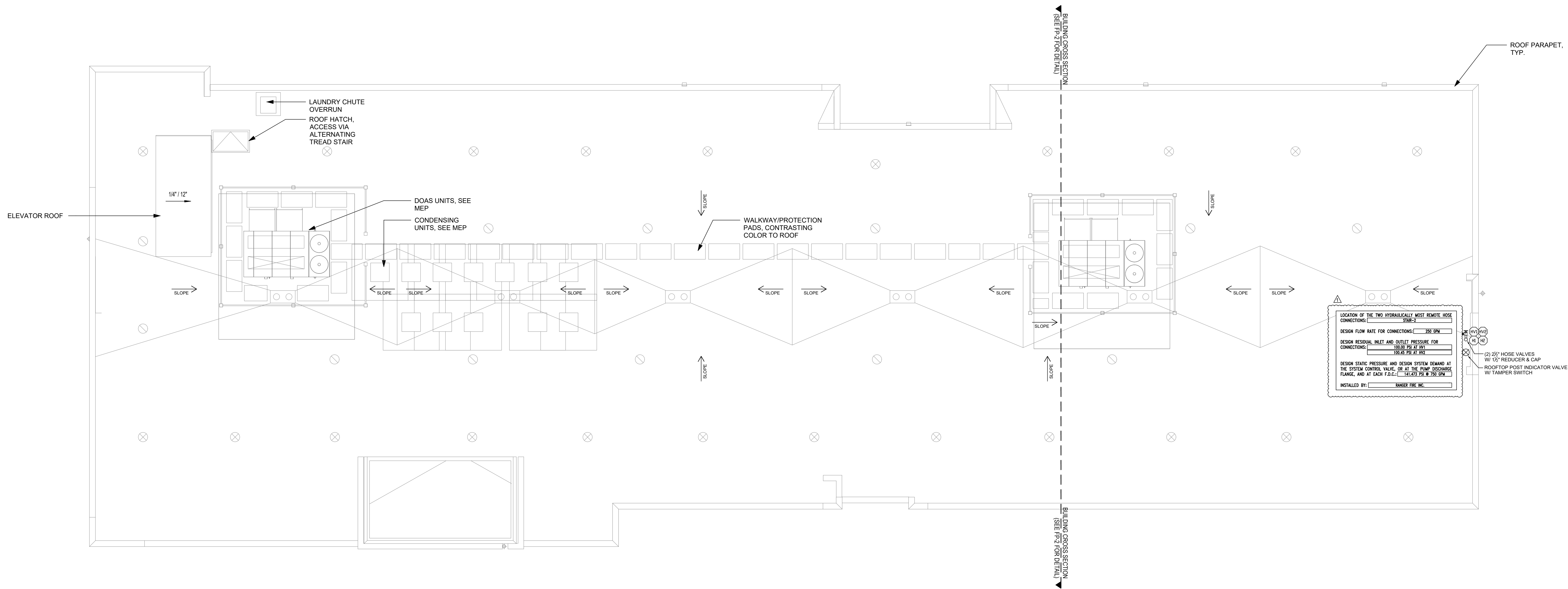
 HOME2 SUITES BY HILTON 25T NE ALURA WAY LEE'S SUMMIT, MO 64064										18" = 1'-0" R.C. DESIGNED BY: J.G. DATE: 10/17/2025									
Multi-Family FP6 CONTRACT # F-25-013 DESCRIPTION-INSTALLATION PER NFPA 13, NFPA 13R & NFPA 14 ISSUED: 10/17/2025										RANGER FIRE 1000 South Main Street, Suite 150 Grand Rapids, MI 49501 Phone: 616-416-9070									
SEALERS MADE MODEL SN K OFFICE TEMP FINISH EGG/CHECK QUANTITY										TOTAL HEADCOUNT SHOWN ON FLOOR PLAN									
CONFIDENTIALITY STATEMENT This drawing is to remain the property of the client. It is to be used for the project only and not to be reproduced or used for any other project without the written consent of the client. It is to be kept confidential and not to be distributed to any other person without the written consent of the client. It is to be kept confidential and not to be distributed to any other person without the written consent of the client.										OWNER INTERIOR DEVELOPMENT 3622 ENDORAVOR AVENUE SUITE 101 COLUMBIA, MO 65201									
CONTRACTOR INTERIOR DEVELOPMENT 3622 ENDORAVOR AVENUE SUITE 101 COLUMBIA, MO 65201										REVISIONS 1001/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1002/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1003/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1004/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1005/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1006/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1007/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1008/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1009/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1010/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1011/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1012/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1013/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1014/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1015/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1016/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1017/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1018/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1019/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1020/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1021/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1022/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1023/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1024/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1025/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1026/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1027/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1028/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1029/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1030/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1031/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1032/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1033/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1034/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1035/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1036/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1037/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1038/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1039/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1040/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1041/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1042/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1043/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1044/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1045/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1046/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1047/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1048/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1049/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1050/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1051/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1052/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1053/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1054/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1055/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1056/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1057/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1058/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1059/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1060/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1061/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1062/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1063/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1064/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1065/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1066/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1067/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1068/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1069/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1070/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1071/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1072/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1073/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1074/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1075/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1076/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1077/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1078/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1079/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1080/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1081/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1082/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1083/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1084/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1085/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1086/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1087/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1088/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1089/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1090/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1091/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1092/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1093/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1094/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1095/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1096/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1097/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1098/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1099/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1100/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1101/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1102/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1103/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1104/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1105/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1106/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1107/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1108/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1109/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1110/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1111/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1112/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1113/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1114/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1115/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1116/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1117/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1118/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1119/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1120/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1121/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1122/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1123/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1124/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1125/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1126/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1127/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1128/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1129/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1130/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1131/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1132/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1133/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1134/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1135/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1136/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1137/22 - DESIGN CHANGES TO COMPLY WITH HILTON 1138/22 - DESIGN CHANGES TO COMPLY WITH HILTON 113									



FOURTH FLOOR PLAN

[illegible]

- LEGEND
- SPRINKLER RISER LOCATION
VERTICAL PIPE (UP OR DN)
HYDRAULIC NODE
- REMOTE AREA OUTLINE
- WET SYSTEM - CPVC PIPE
- WET SYSTEM - SCH.10/40 STEEL PIPE
- WET MANUAL STANDPIPE - SCH.10 STEEL PIPE
- CORR. CLG. HEIGHT @8'-3" A.F.F. - U.O.N.
- CORR. CLG. HEIGHT @8'-0" A.F.F. - U.O.N.



LOCATION OF THE TWO HYDRAULICALLY MOST REMOTE ROSE CONNECTIONS:

DESIGN FLOW RATE FOR CONNECTIONS: 250 GPM

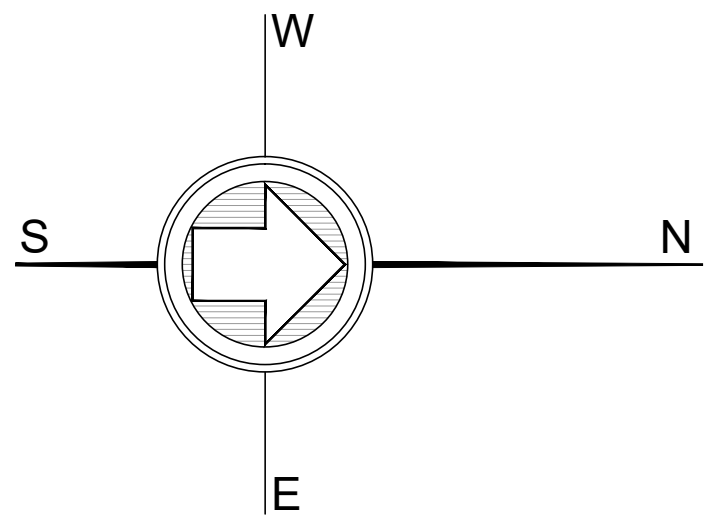
DESIGN RESIDUAL INLET AND OUTLET PRESSURE FOR CONNECTIONS: 200 PSI AT IN

150 PSI AT OUT

DESIGN STATIC PRESSURE AND DESIGN SYSTEM DEMAND IS THE SYSTEM CONTROL VALVE OR AT THE PUMP DISCHARGE FLANGE, AND AT EACH F.S.C. 150 PSI AT IN, 100 PSI AT OUT

INSTALLED BY: HILTON FIRE INC.

(2) 25' HOSE VALVES
W/ 1/2" REDUCER & CAP
ROOFTOP POST INDICATOR VALVE
W/ TAMPER SWITCH



ROOF FLOOR PLAN

SCALE: 1/8" = 1'-0"	HOME2 SUITES BY HILTON	CONFIDENTIALITY STATEMENT	OWNER:	REVISIONS	Ranger Fire, Inc.
DRAWN BY: R.C.	251 NE ALURA WAY	This drawing, its information and design application herein, contained, in whole or in part, the confidential information of the client, and is to be used solely for the project and site identified herein. It is not to be reproduced, copied, or otherwise transmitted in any form without the written consent of Ranger Fire, Inc. The design information is the property of Ranger Fire, Inc. and is to be held in strict confidence.	INTRINSIC DEVELOPMENT 3822 ENDEAVOR AVENUE, SUITE 101 COLUMBIA, MO 65201 (637) 881-0280	10/01/25 - ARCHITECTURE DESIGN & CONSULTANTS	1000 South Main Street, Suite 150 Grapevine, Texas 76051 Phone: 817-410-9070
CHECKED BY: J.G.	LEE'S SUMMIT, MO 64064	10/01/25 - DESIGN CHANGES TO COMPLY WITH HILTON ARCHITECTURE DESIGN & CONSULTANTS	INTRINSIC DEVELOPMENT 3822 ENDEAVOR AVENUE, SUITE 101 COLUMBIA, MO 65201 (637) 881-0280	10/01/25 - ARCHITECTURE DESIGN & CONSULTANTS	
DATE: 10/17/2025	Multi-Family	10/14/25 - LEE'S SUMMIT PLAN REVIEW COMMENTS			
SHEET: 10/17/2025	FP8				