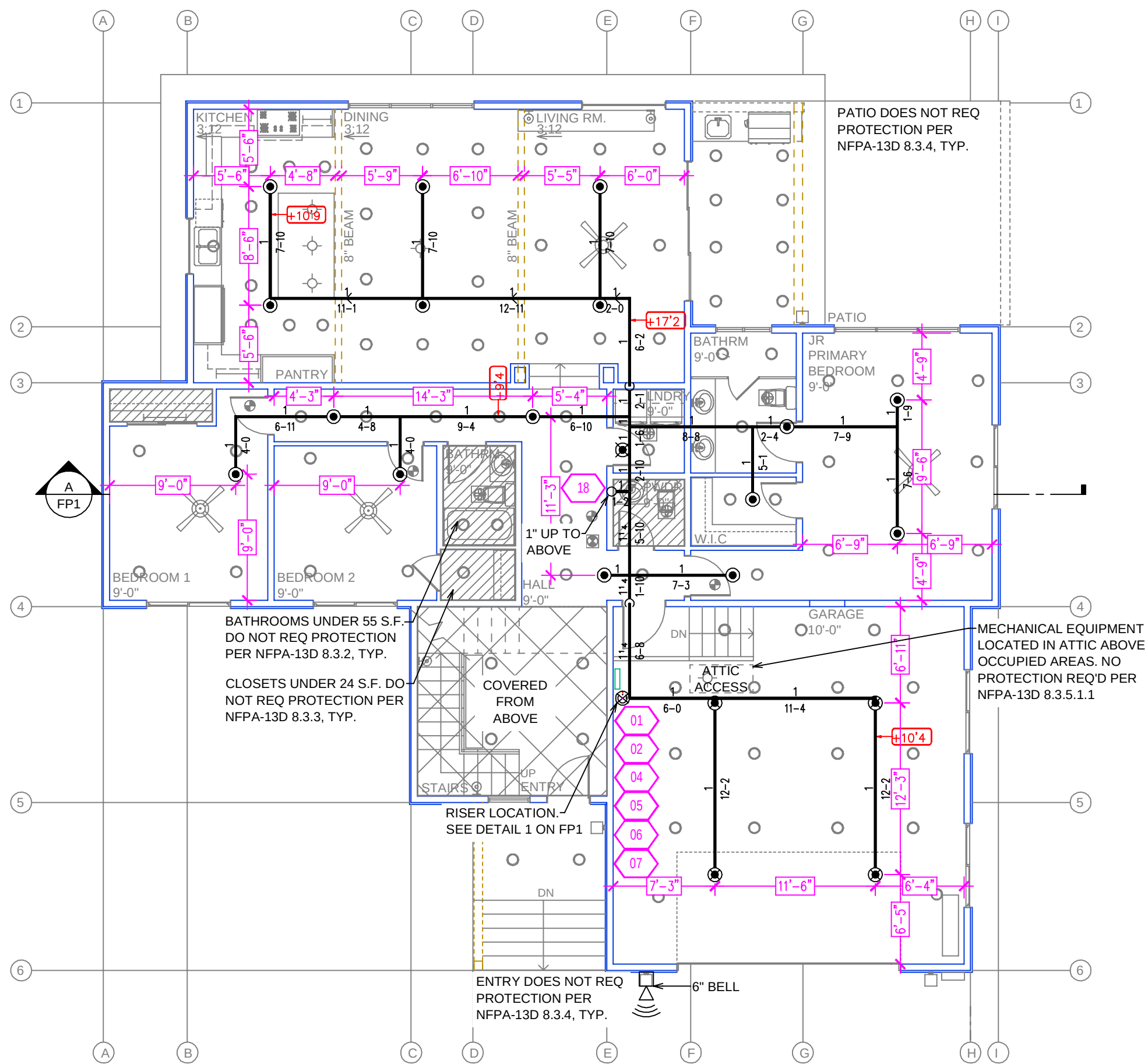
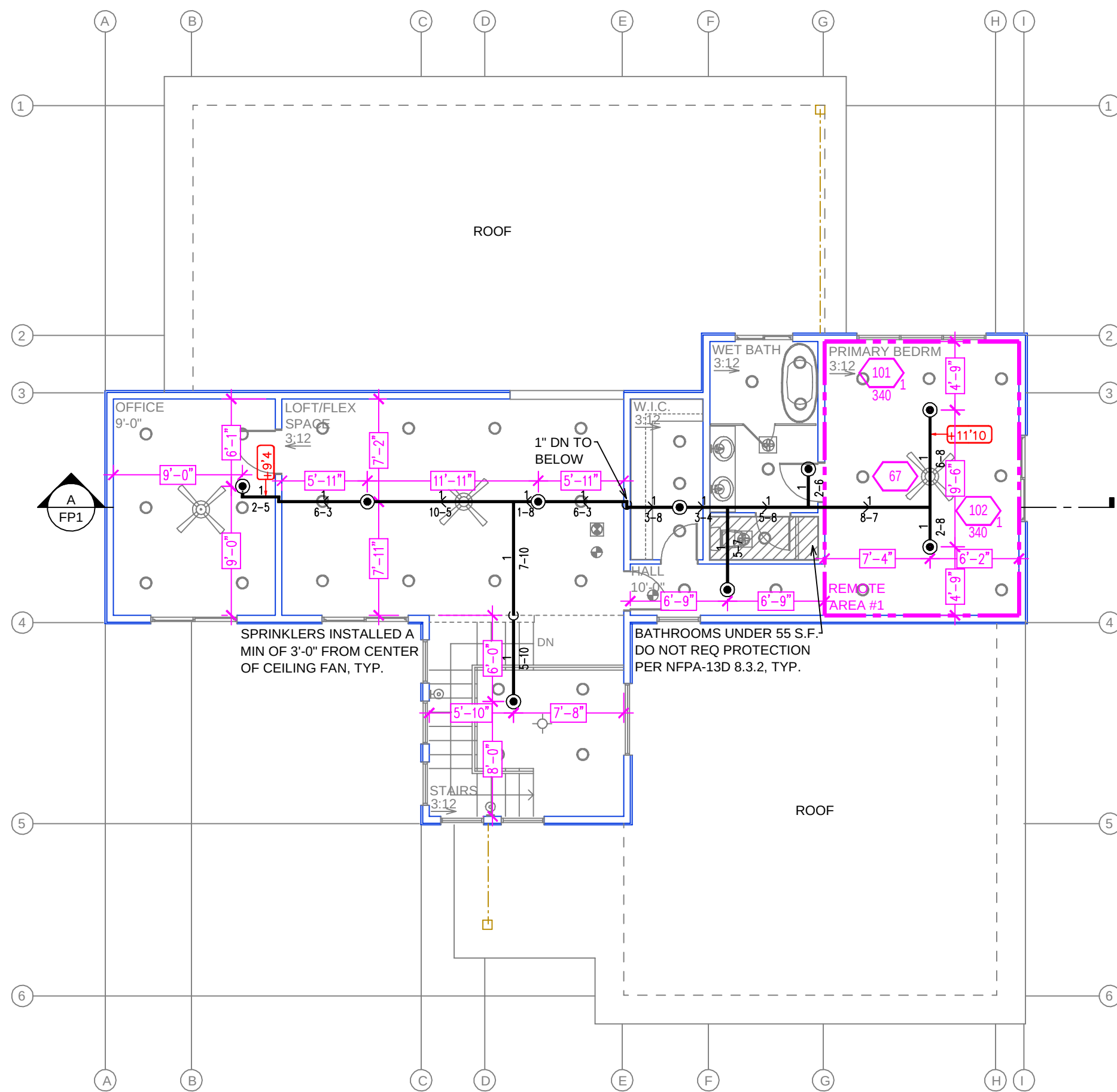




LOWER LEVEL FIRE SPRINKLER PLAN
SCALE: 1/8" = 1'-0"



UPPER LEVEL FIRE SPRINKLER PLAN
SCALE: 1/8" = 1'-0"

PROJECT SUMMARY:
PROJECT NAME: 10651 WINCHESTER CT
PROJECT ADDRESS: 10651 WINCHESTER CT, TRUCKEE, CA 049-310-031
APN: 049-310-031
PROJECT TYPE: ☒ NEW ☐ T.I.
TYPE OF CONSTRUCTION: V
OCCUPANCY GROUP(S): R3
OCCUPIED LEVELS: 2
TOTAL SPRINKLERED AREA: 3814 SQ. FT.
NFPA CODE REQUIREMENT: ☐ NFPA 13 ☐ NFPA 13R ☒ NFPA 13D
NUMBER OF SYSTEMS: 1
SYSTEM TYPE(S): ☐ WET ☒ ANTI-FREEZE ☐ DRY ☐ PREACTION
TOTAL SPRINKLERS: 30
SPECIAL NOTES: SEE FIRE SPRINKLER NOTES THIS SHEET

PIPE VOLUMES:
(CPVC)
TOTAL PIPE FOOTAGE AND CAPACITY:
1" = 305' (15.08 GAL)
1-1/4" = 18' (1.43 GAL)
ADD 10% FOR DROPS AND PIPE SIZE DISCREPANCIES
TOTAL VOLUME: ±18.16 GALLONS

NFPA 13 - Table A.7.2.3 Capacity of 1 ft of pipe (Based on Actual Internal Pipe Diameter)			
Nominal Pipe Diameter (in.)	Pipe Schedule 40	Schedule 10	CPVC
1	0.045	0.049	0.049
1 1/4	0.078	0.085	0.079
1 1/2	0.106	0.115	0.104
2	0.174	0.190	
2 1/2	0.248	0.283	

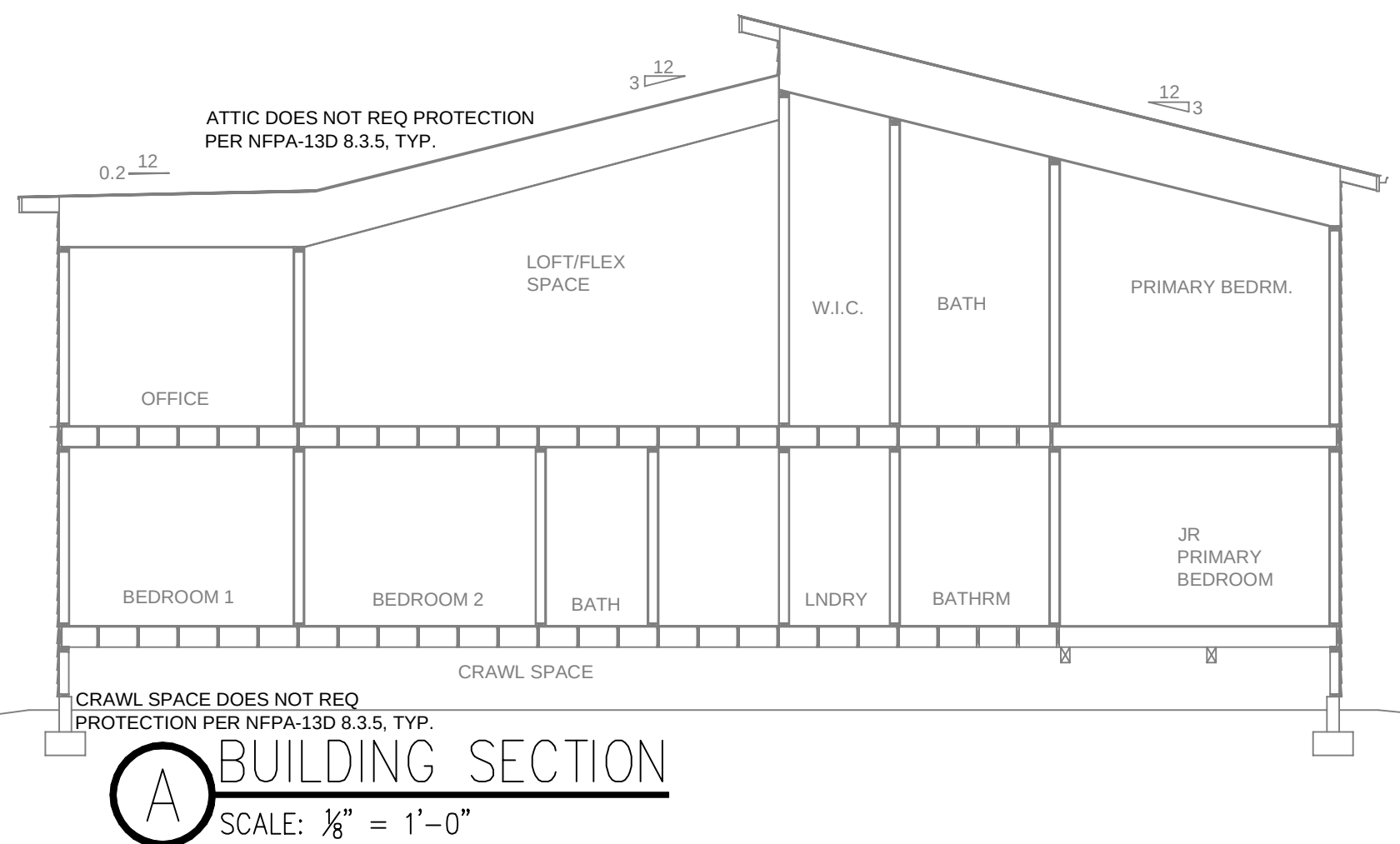
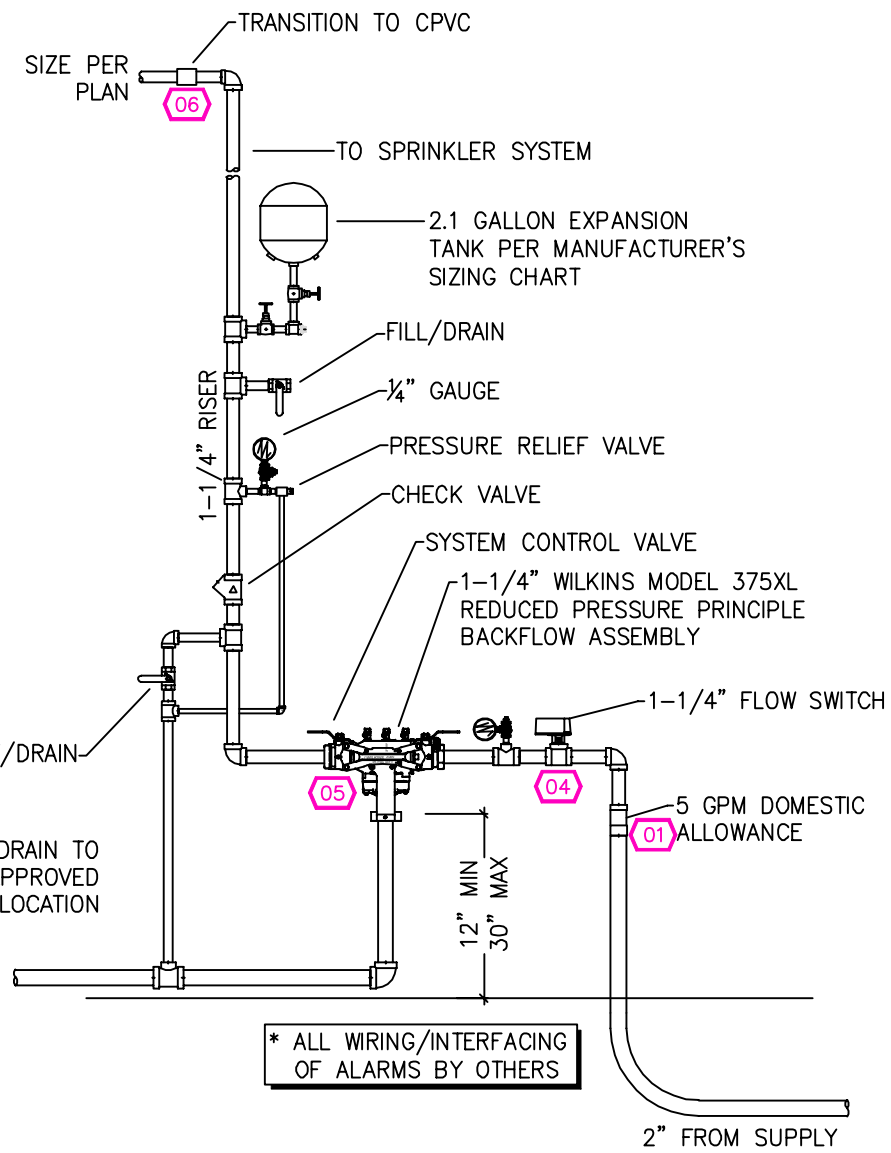
SPRINKLER HEAT ZONES:		
HEAT SOURCE:	ORDINARY TEMP. SPRINKLER	INTERMEDIATE TEMP. SPRINKLER
SIDE OF OPEN OR RECESSED FIRE PLACE	36"	12"
FRONT OF RECESSED FIRE PLACE	60"	36"
COAL OR WOOD BURNING STOVE	42"	12"
RANGE/OVEN, HOT AIR FLUES & UNINSULATED HEAT DUCT	18"	9"
UNINSULATED HOT WATER PIPES & 250-499 WATT LIGHTS	12"	6"
SIDE OF CEILING OR WALL MOUNTED HOT AIR DIFFUSERS	24"	12"
FRONT OF WALL MOUNTED HOT AIR DIFFUSERS	36"	18"
HOT WATER HEATER, FURNACE, LIGHT FIXTURE 0-250 WATT	6"	3"

NO SPRINKLERS REQUIRED IN:
BATHROOMS 55 SQ.FT. OR LESS IN AREA PER NFPA 13D SECTION 8.6.2
CLOSETS 24 SQ.FT. OR LESS IN AREA PER NFPA 13D SECTION 8.6.3

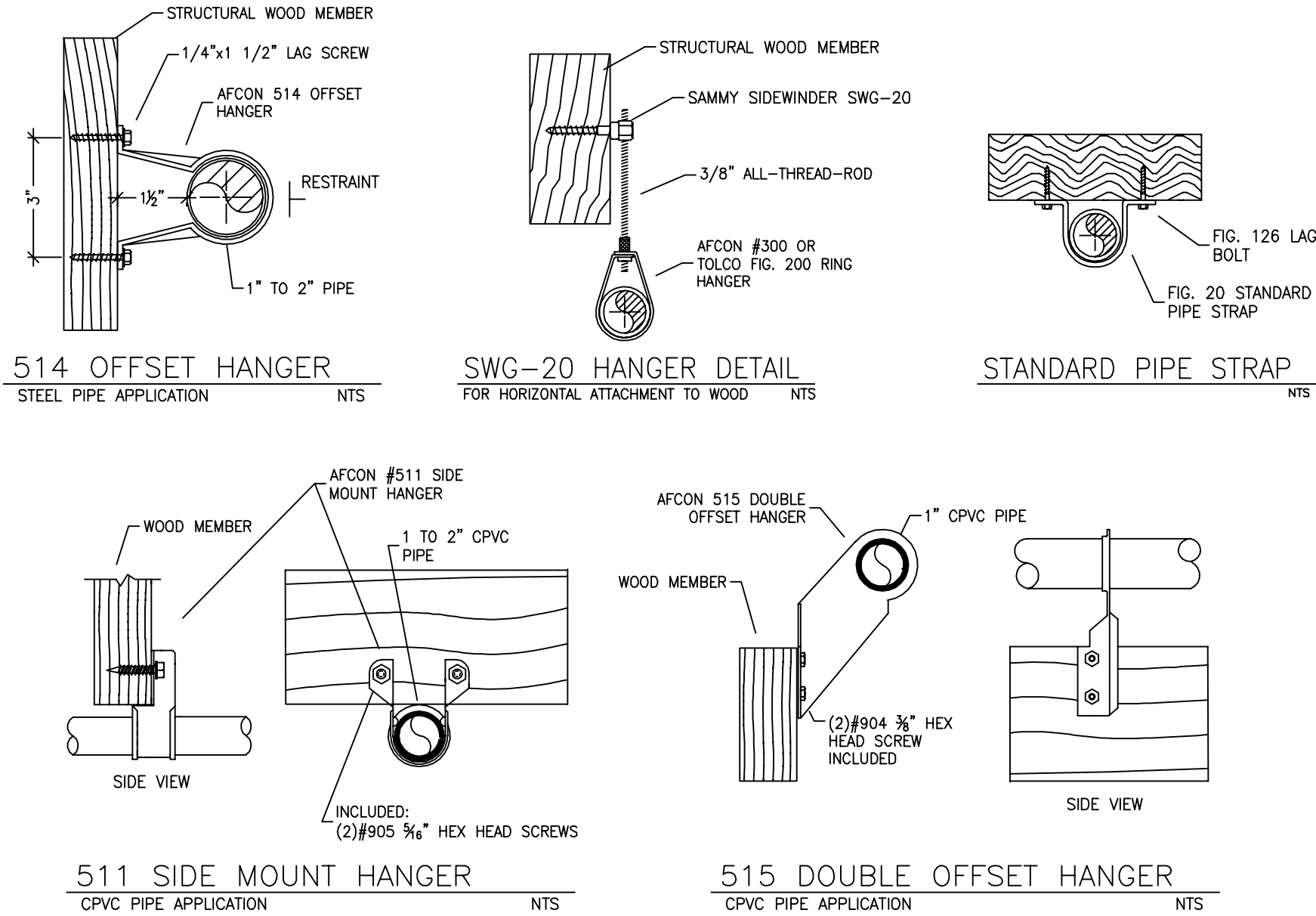
PROJECT SQUARE FOOTAGES
LOWER LEVEL = 2589 S.F.
UPPER LEVEL = 1225 S.F.

SUBMITTAL

NFPA 13 - Table 9.2.2.1(a) 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	8
Steel Pipe except threaded lightwall	N/A	12-0	12-0	15-0	15-0	15-0	15-0	15-0	15-0	15-0
Threaded lightwall steel pipe	N/A	12-0	12-0	15-0	15-0	15-0	15-0	N/A	N/A	N/A
Copper tube	8-0	8-0	10-0	10-0	12-0	12-0	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	N/A



1 RISER DETAIL
SCALE: 1/2" = 1'-0"



HANGER DETAILS

SPRINKLER SPACING

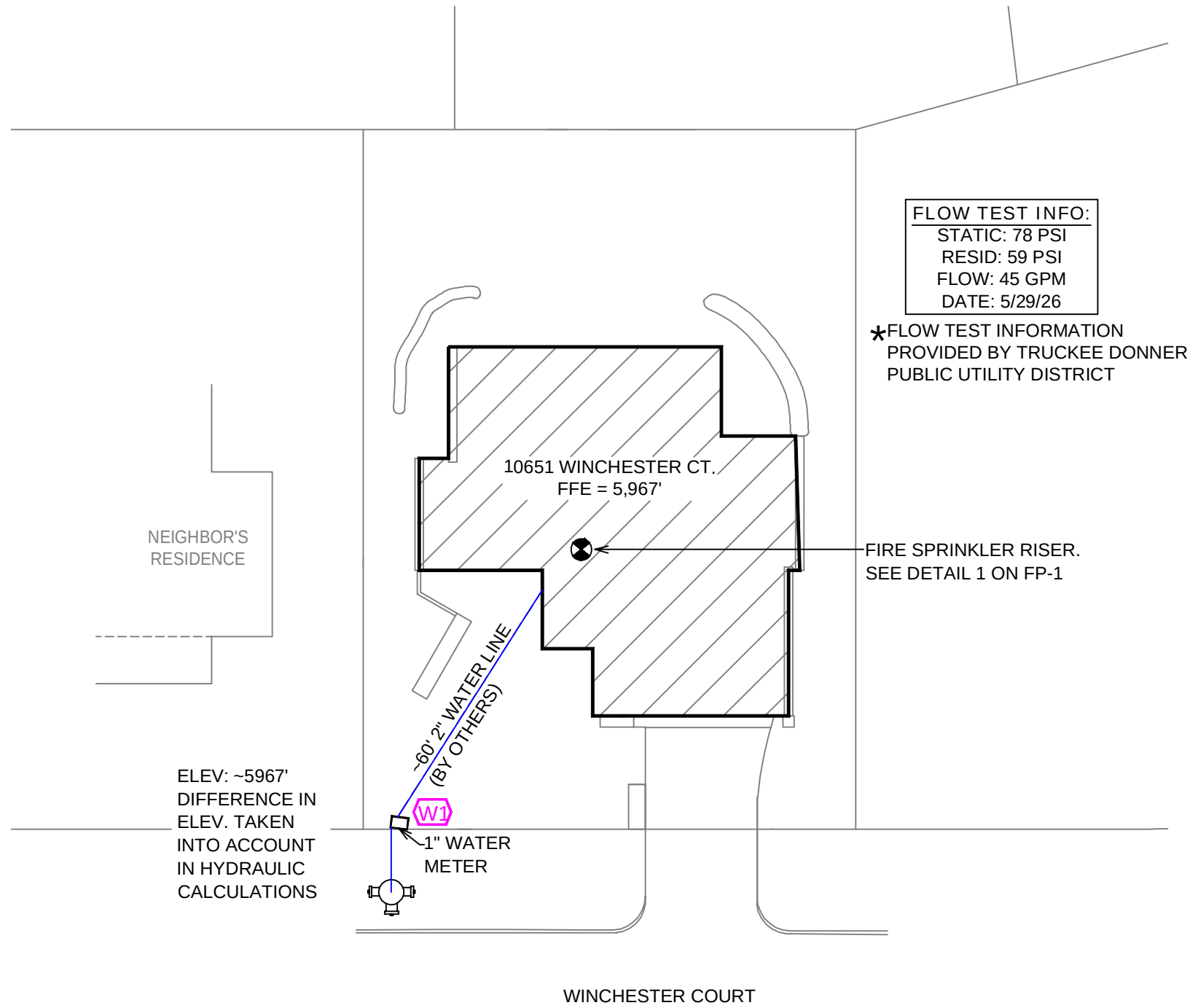
- A SINGLE PENDENT SPRINKLER MAY BE SPACED AT A MAXIMUM OF 18'x18' (324SQ. FT.) OR UP TO 9' OFF A WALL (MINIMUM 8'-0" BETWEEN SPRINKLERS)
- TWO OR MORE HEADS IN A COMPARTMENT SHALL BE SPACED AT A MAXIMUM OF 18'x18' (324SQ. FT.) OR UP TO 9' OFF A WALL UNO. (MINIMUM 8'-0" BETWEEN SPRINKLERS)
- SPRINKLERS SHALL BE MEASURED AT PERPENDICULAR ANGLES TO WALLS AND ALONG THE SLOPES OF CEILINGS.

THIS FIRE SPRINKLER SYSTEM UTILIZES THE NOBLE COMPANY FIREFIGHTER ELIMINATOR ANTI-FREEZE SOLUTION

REMOTE AREA 1

Hydraulically Calculated System

This system as shown on Fire Protection Plan
company print no. FPI dated 8/25/2026
for 10651 WINCHESTER COURT
at PRIMARY BEDROOM contract no.
is designed to discharge at a rate of 0.05 gpm
(L/min) per sq ft (m²) of floor area over a maximum area of NFPA 13D - 2 SPRINKLERS sq ft (m²) when supplied with water at the rate of 39.1 gpm (L/min) at 54.9 psi (bars) at the base of the riser.
Hose stream allowance of 5 gpm (L/min) is included in the above.
Occupancy classification 1D LIGHT HAZARD
Commodity classification N/A
Maximum storage height N/A
Safety factor 6.4



SITE PLAN
SCALE: 1" = 25'-0"

NO.	DATE	REVISIONS	DRAWN	CHECKED

GENERAL CONTRACTOR: TOWN OF TRUCKEE BUILDING DIVISION
ADDRESS: ADDRESS: 10183 TRUCKEE AIRPORT RD
CITY: CITY: TRUCKEE, CA 96161
PHONE: PHONE: 530-582-7820
CONTACT: CONTACT:
ARCHITECT: FIELD INSPECTIONS:
ADDRESS: 1.
CITY: 2.
PHONE: 3.
4.

FIRE SPRINKLER NOTES:
1. THE PROPOSED FIRE SPRINKLER SYSTEM IS AN ANTI-FREEZE SYSTEM AND SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 13D 2022
2. THIS SPRINKLER SYSTEM IS HYDRAULICALLY CALCULATED IN ACCORDANCE WITH NFPA 13D TO PROVIDE 0.05 GPM PER SQ. FT. OVER THE MOST REMOTE AREA.
3. THE NUMBER OF DESIGN SPRINKLERS SHALL INCLUDE ALL SPRINKLERS WITHIN A COMPARTMENT UP TO A MAXIMUM OF 2 SPRINKLERS.
4. ALL SPRINKLER PIPING CONCEALED ABOVE CEILINGS SHALL BE CPVC PIPING UNLESS OTHERWISE NOTED.
5. ALL DIMENSIONS SHOWN ARE CENTER TO CENTER U.O.N.
6. ALL HANGERS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 13D AND/OR NFPA 13 REQUIREMENTS.
7. HOLES THROUGH SOLID STRUCTURAL MEMBERS SHALL BE PERMITTED TO SERVE AS HANGERS FOR THE SUPPORT OF SYSTEM PIPING.
8. ALL SYSTEM PIPING SHALL BE TESTED FOR LEAKAGE AT NORMAL SYSTEM OPERATING PRESSURE.
9. THE OWNER SHALL BE RESPONSIBLE FOR MAINTAINING A MINIMUM TEMPERATURE OF 40° FAHRENHEIT TO PROTECT FROM FREEZING, THE SECTIONS OF THE SPRINKLER SYSTEM WHERE THERE IS NO ANTI-FREEZE IN THE PIPING (UPSTREAM OF THE RISER).

SYM	QTY	TYPE	MFG.	MODEL#	NPT	K	TEMP	FINISH	S.I.N.
⊗	25	CONCEALED	SENAJ	RC-RES	1/2"	4.9	162	WHITE	SS8464
⊗	1	CONCEALED	SENAJ	RC-RES	1/2"	4.9	205	WHITE	SS8464
⊗	4	SEMI-RECESS	SENAJ	FR-RES	1/2"	4.9	205	WHITE	SS4451

30 TOTAL SPRINKLERS ON THIS SHEET

FIRE SPRINKLER SYMBOLS

⊗	AUTOMATIC SPRINKLER RISER	+13" ELEV. BELOW DECK OR TOS
⊕	EARTHQUAKE BRACING	+12"-9" ELEV. ABOVE FINISHED FLOOR
⊕	2-WAY & 4-WAY	— CHANGE ELEVATION UP
⊕	PIPE HANGER & TYPE DESIGNATION	— CHANGE ELEVATION DN
⊕	HYDRAULIC REF PT	— INSPECTORS TEST
⊕	GRVD OR THRD CAP	— AUX DRAIN
⊕	GRVD COUPLING	— REVISION NOTATION
⊕	TYPICAL POINT OF CONNECTION (POC)	— LOCAL ALARM



PROJECT NAME: FIRE SPRINKLER PLANS FOR
10651 WINCHESTER COURT
10651 WINCHESTER COURT
TRUCKEE, CA 96161

STAMP:

DRAWING TITLE:
FIRE SPRINKLER PLAN

SCALE: 1/8" = 1'-0"
DRAWN BY:
BORN ON DATE: 8/26/2026
FILE:
JOB NO.: 26-6031
DWG NO.:
FP-1
SHEET 1 of 1