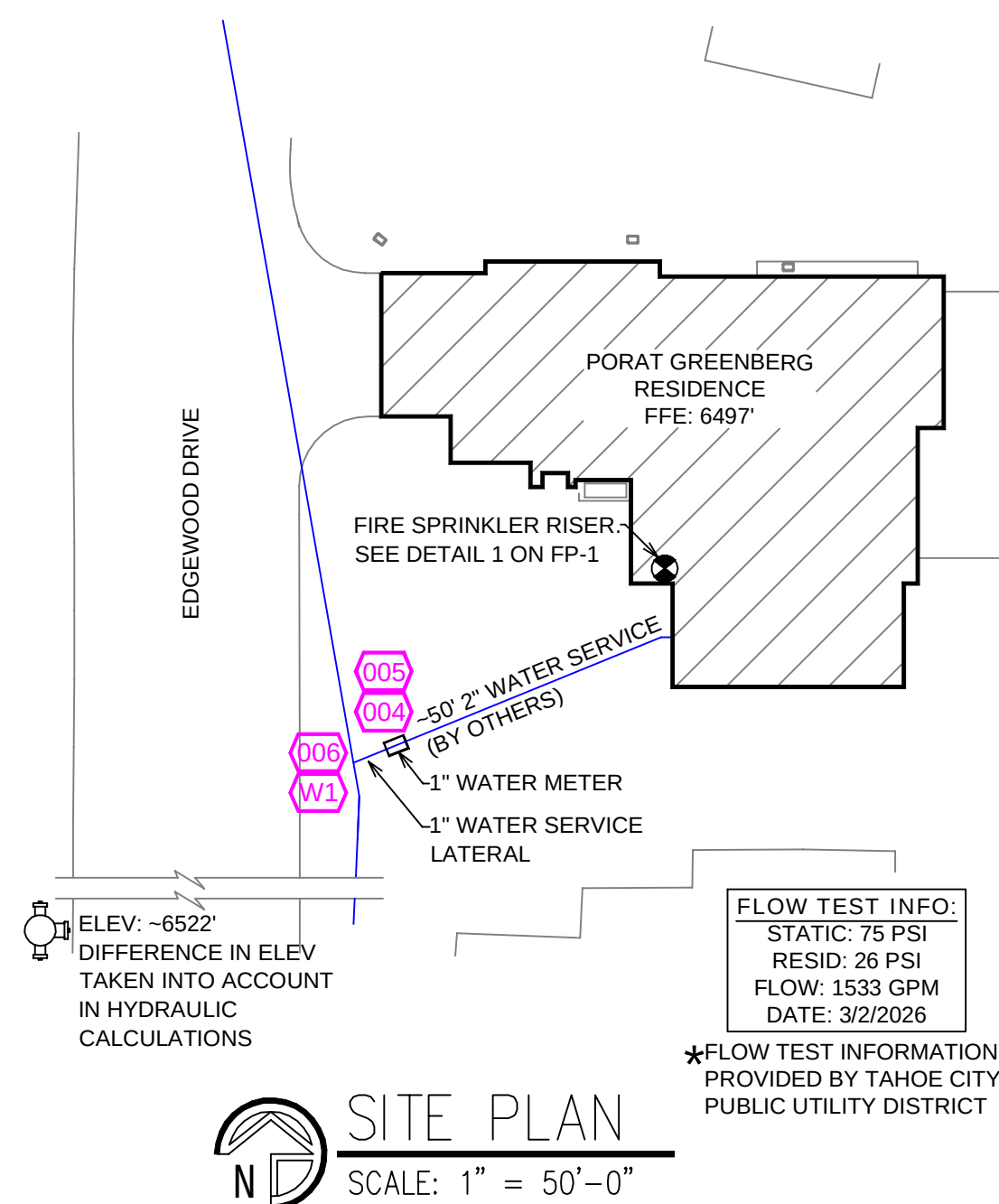
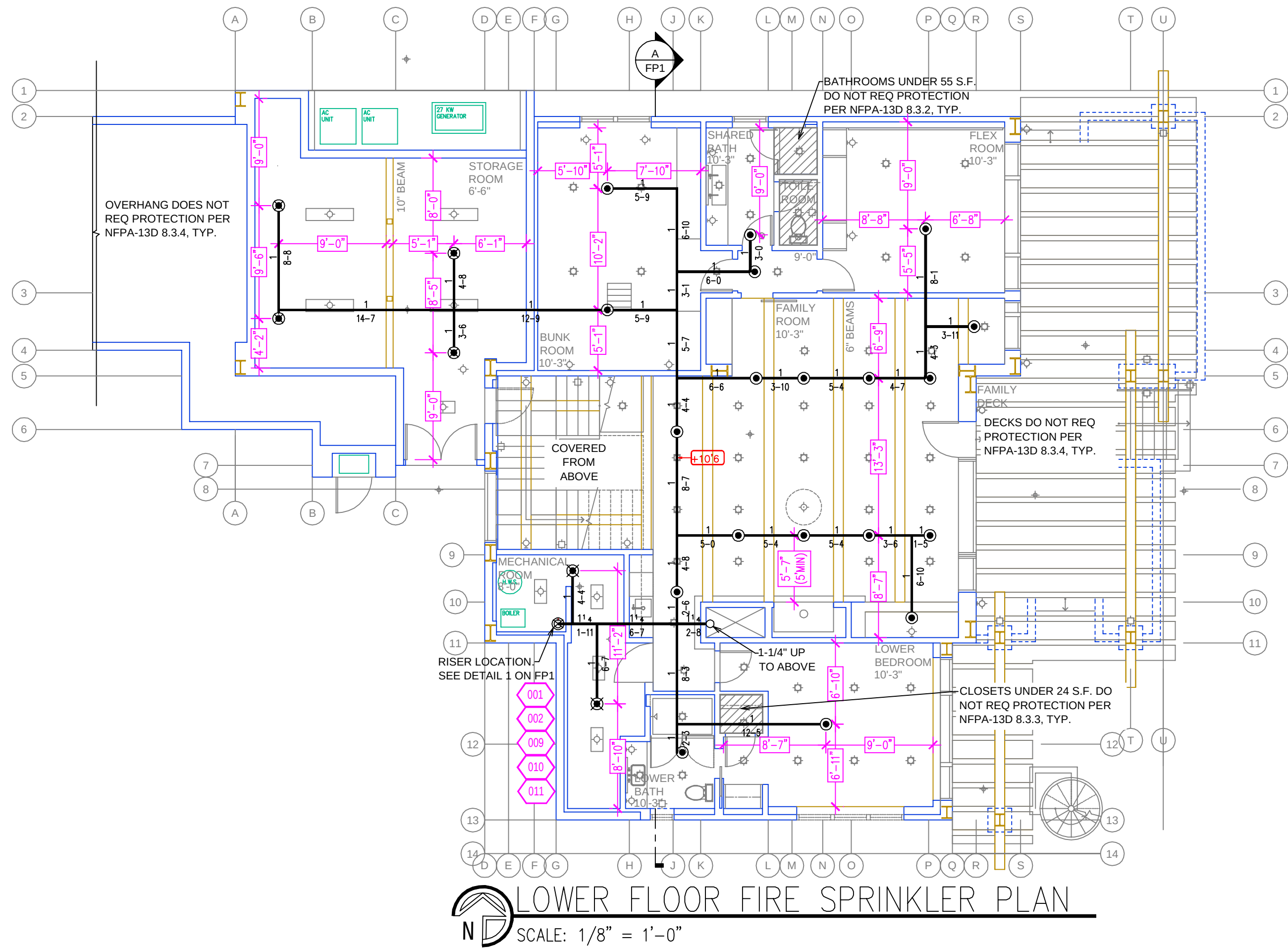
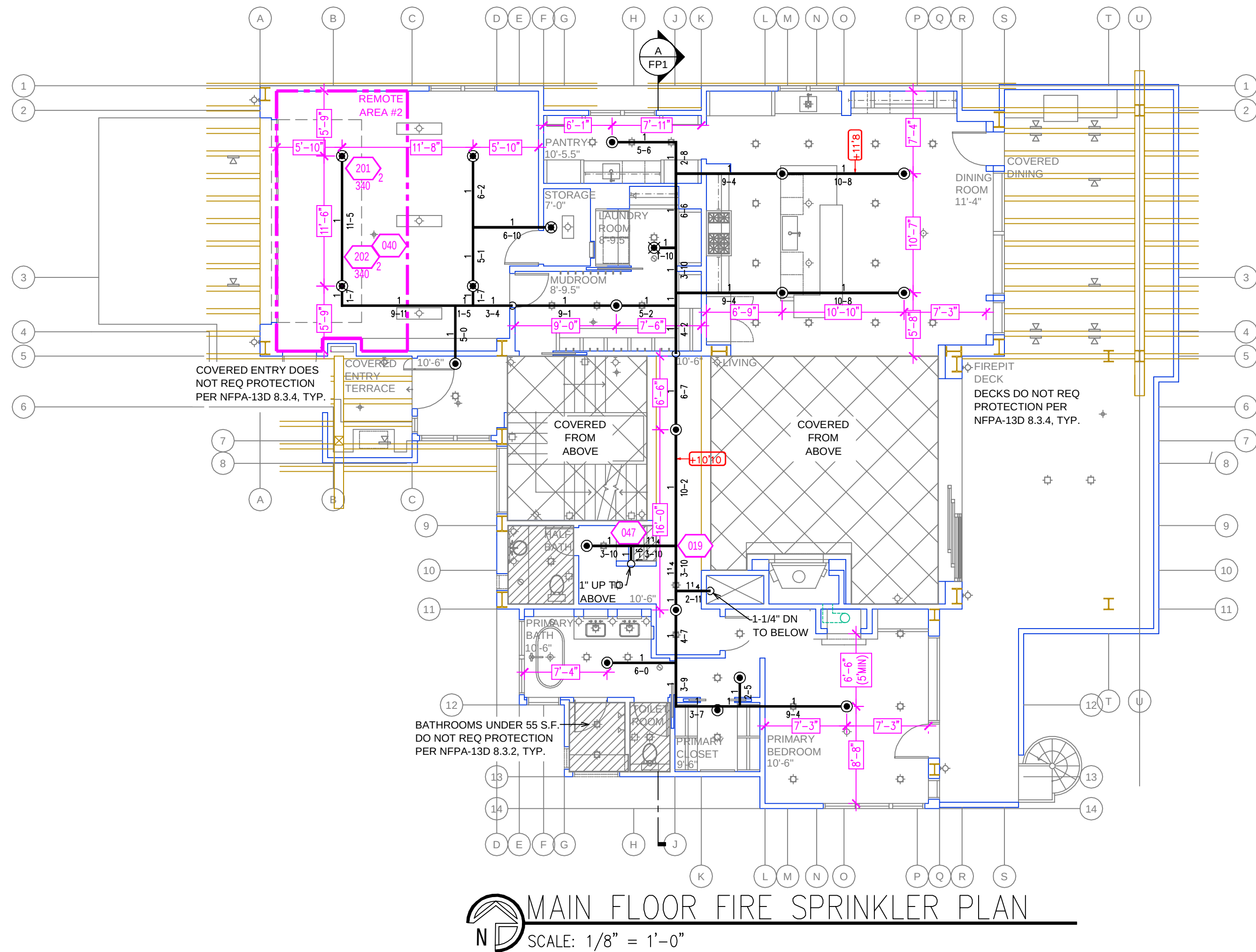
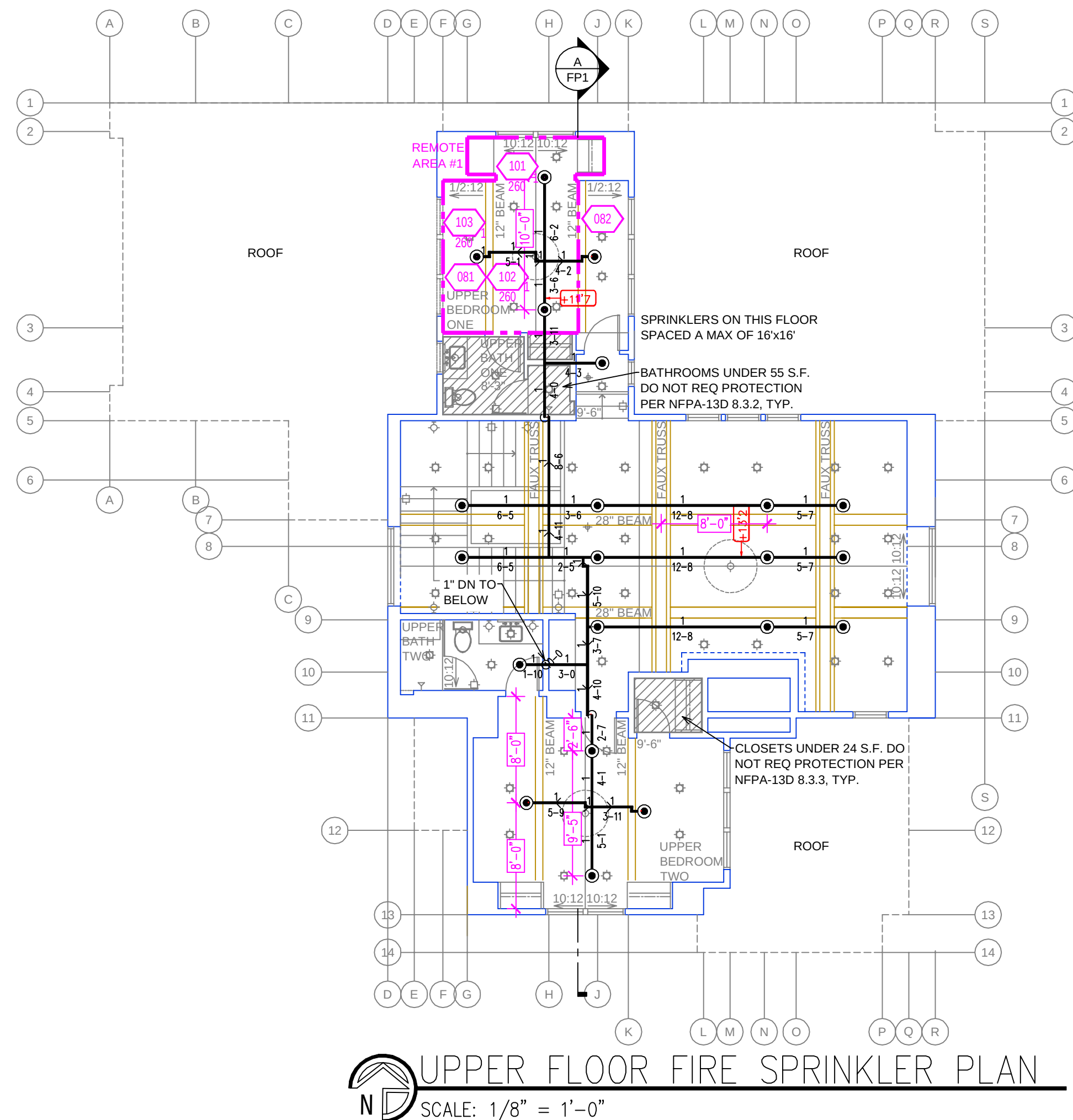


SCALE: 1/8"=1'-0"	JOB NO.: 26-6044
DRAWN BY: _____	DWG NO.: _____
BORN ON DATE: 8/24/2026	FP-1
FILE: _____	
	SHEET <u>1</u> OF <u>2</u>

<u>SPRINKLER HEAT ZONES:</u>		
HEAT SOURCE:	ORDINARY TEMP SPRINKLER	INTERMEDIATE TEMP SPRINKLER
SIDE OF OPEN OR RECESSED FIRE PLACE	36"	12"
FRONT OF RECESSED FIRE PLACE	36"	36"
COAL OR WOOD BURNING STOVE	42"	12"
RANGE/OVEN, HOT AIR FLUES & UNINSULATED HOT DUCT	18"	9"
UNINSULATED HOT WATER PIPES & 500-600 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"





REMOTE AREA 1

Hydraulically Calculated System

This system as shown on Fire Protection Plan company print no. FP1 dated 8/21/2026 for PORAT GREENBERG RESIDENCE at UPPER BEDROOM ONE 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 - 3 SPRINKLERS sq ft (m²) when supplied with water at the rate of 45.0 gpm (L/min) at 67.1 psi (bars) at the base of the riser. Hose stream allowance of 5 gpm (L/min) is included in the above. Occupancy classification 130 LIGHT HAZARD Commodity classification N/A Maximum storage height N/A Safety factor 7.9

REMOTE AREA 2

Hydraulically Calculated System

This system as shown on Fire Protection Plan company print no. FP1 dated 8/21/2026 for PORAT GREENBERG RESIDENCE at GARAGE 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 39.4 gpm (L/min) at 50.3 psi (bars) at the base of the riser. Hose stream allowance of 5 gpm (L/min) is included in the above. Occupancy classification 130 LIGHT HAZARD Commodity classification N/A Maximum storage height N/A Safety factor 24.6

10-12 CEILING SLOPE OUTSIDE SCOPE OF NFPA 13D. THREE SPRINKLERS CALCULATED

NO.	DATE	REVISIONS	DRAWN	CHECKED
-----	------	-----------	-------	---------

GENERAL CONTRACTOR: AUTHORITY HAVING JURISDICTION: N TAHOE FIRE DISTRICT
ADDRESS: 222 FAIRWAY DR
CITY: TAHOE CITY, CA 96145
PHONE: 530-583-6911
CONTACT:

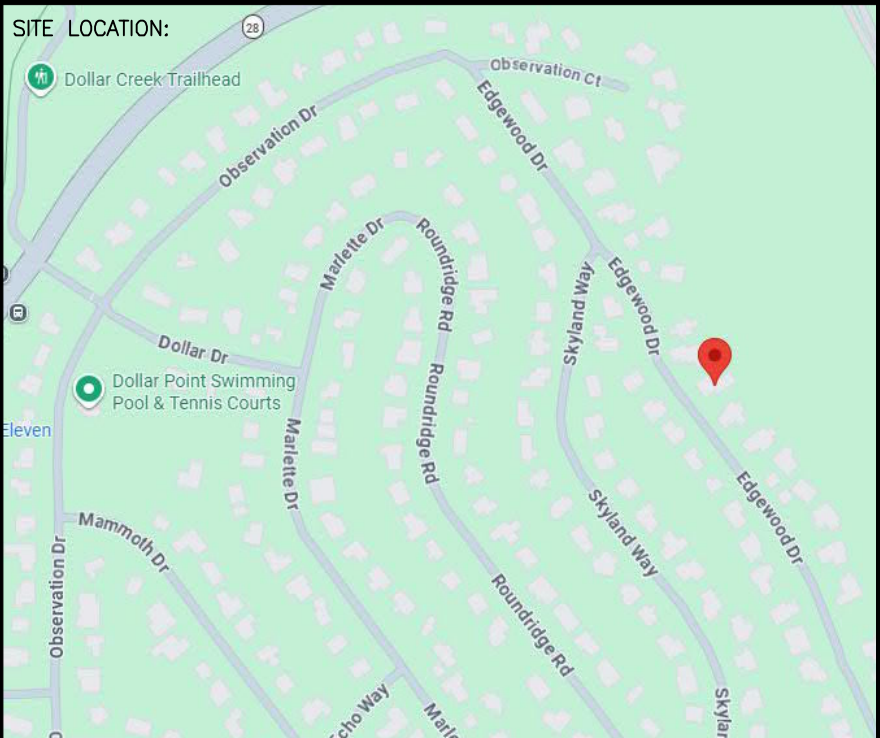
ARCHITECT: FIELD INSPECTIONS:
1.
ADDRESS: 2.
CITY: 3.
PHONE: 4.

- FIRE SPRINKLER NOTES:
- THE PROPOSED FIRE SPRINKLER SYSTEM IS AN ANTI-FREEZE SYSTEM AND SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 13D 2022.
 - THIS SPRINKLER SYSTEM IS HYDRAULICALLY CALCULATED IN ACCORDANCE WITH NFPA 13D TO PROVIDE 0.05 GPM PER SQ. FT. OVER THE MOST REMOTE AREA.
 - THE NUMBER OF DESIGN SPRINKLERS SHALL INCLUDE ALL SPRINKLERS WITHIN A COMPARTMENT UP TO A MAXIMUM OF 2 SPRINKLERS.
 - ALL SPRINKLER PIPING CONCEALED ABOVE CEILINGS SHALL BE CPVC PIPING UNLESS OTHERWISE NOTED.
 - ALL DIMENSIONS SHOWN ARE CENTER TO CENTER U.O.N.
 - ALL HANGERS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 13D AND/OR NFPA 13 REQUIREMENTS.
 - HOLES THROUGH SOLID STRUCTURAL MEMBERS SHALL BE PERMITTED TO SERVE AS HANGERS FOR THE SUPPORT OF SYSTEM PIPING.
 - ALL SYSTEM PIPING SHALL BE TESTED FOR LEAKAGE AT NORMAL SYSTEM OPERATING PRESSURE.
 - 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.
54		CONCEALED	SEN-J	RC-RES	1/2"	4.9	162	WHITE	SS8464
3		CONCEALED	SEN-J	RC-RES	1/2"	4.9	205	WHITE	SS8464
5		SEMI-RECESS	SEN-J	FR-RES	1/2"	4.9	205	WHITE	SS4451

62 TOTAL SPRINKLERS

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



PROJECT NAME: FIRE SPRINKLER PLANS FOR
PORAT GREENBERG RESIDENCE
188 EDGEWOOD DRIVE
TAHOE CITY, CA 96145

STAMP:

DRAWING TITLE:
FIRE SPRINKLER PLAN

SCALE: 1/8"=1'-0"
DRAWN BY:
BORN ON DATE: 8/24/2026
FILE:

JOB NO.: 26-6044
DWG NO.:
FP-2
SHEET 2 OF 2