

| SPRINKLER HEAD 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" |

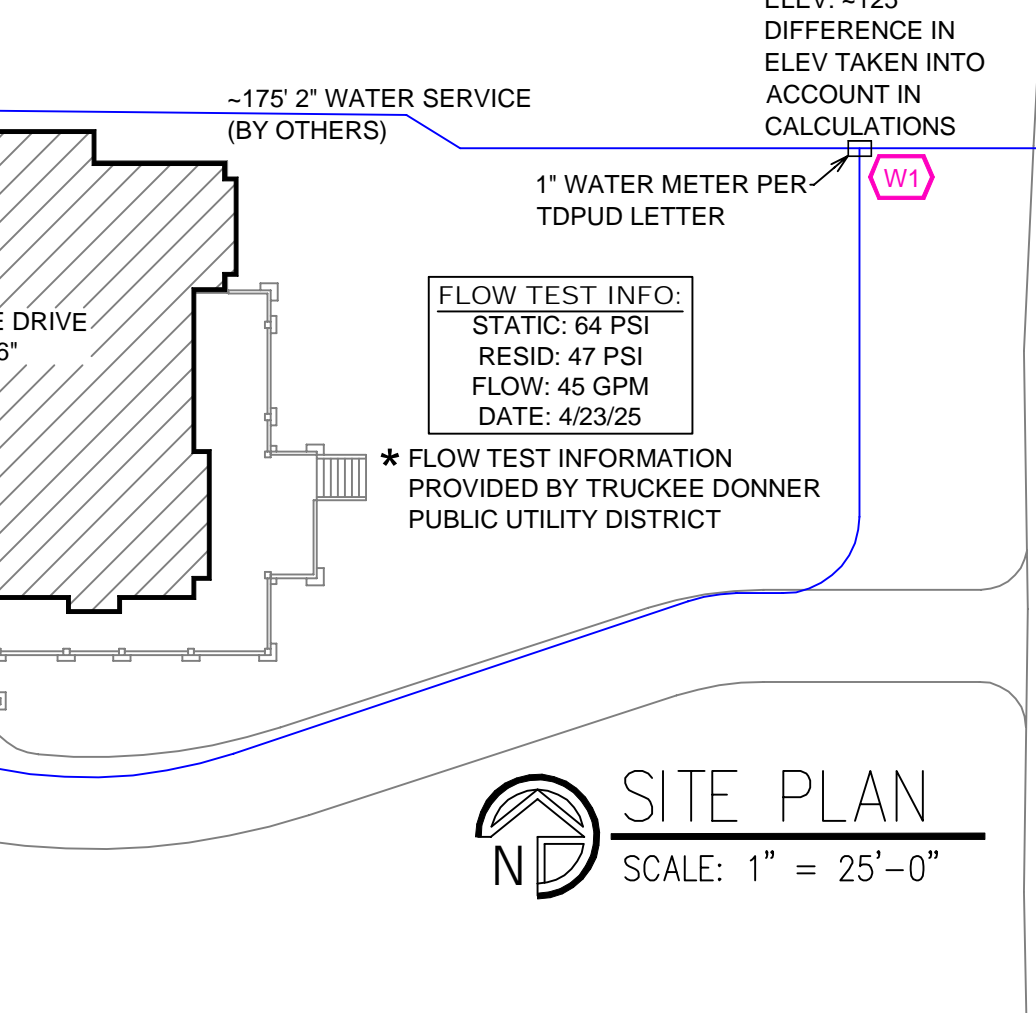
PROJECT SUMMARY:
PROJECT NAME: 12528 GRANITE DRIVE
PROJECT ADDRESS: 12528 GRANITE DRIVE, TRUCKEE, CA
APN: N/A
PROJECT TYPE: ☒ NEW ☐ T.I.
TYPE OF CONSTRUCTION: V
OCCUPANCY GROUP(S): R3
OCCUPIED LEVELS: 2
TOTAL SPRINKLERED AREA: 5100 SQ. FT.
NFA CODE REQUIREMENT: ☐ NFPA 13 ☐ NFPA 13R ☒ NFPA 13D
NUMBER OF SYSTEMS: 1
SYSTEM TYPE(S): ☐ WET ☒ ANTI-FREEZE ☐ DRY ☐ PREACTION
TOTAL SPRINKLERS: 60
SPECIAL NOTES: SEE FIRE SPRINKLER NOTES THIS SHEET

| NFPA 13 - Table 9.2.2.1(a) Maximum Distance Between Hangers (ft.-in.) | | | | | | | | | | | |
|---|-----|------|------|-------|-------|------|-------|------|------|------|------|
| Nominal Pipe Size (in.) | | | | | | | | | | | |
| | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 2 | 2 1/2 | 3 | 4 | 6 | 8 |
| Steel Pipe except threaded | N/A | 12-0 | 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 | 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 | 10-0 | 12-0 | 12-0 | 12-0 | 15-0 | 15-0 | 15-0 |
| CPVC | 5-6 | 6-0 | 6-6 | 7-0 | 8-0 | 9-0 | 10-0 | 10-0 | N/A | N/A | N/A |

SUBMITTAL

PIPE VOLUMES:
(CPVC)

| PIPE VOLUMES: (CPVC) | | | |
|---|------------------------|-------------------|------------|
| TOTAL PIPE FOOTAGE AND CAPACITY: 1" = 665' (32.89 GAL) | | | |
| ADD 10% FOR DROPS AND PIPE SIZE DISCREPANCIES | | | |
| TOTAL VOLUME: ± 37.46 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 (gal) | Schedule 10 (gal) | CPVC (gal) |
| 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 | |



GENERAL CONTRACTOR: AUTHORITY HAVING JURISDICTION: TOWN OF TRUCKEE BUILDING DIVISION

ADDRESS: 10183 TRUCKEE AIRPORT RD

CITY: TRUCKEE, CA 96161

PHONE: 530-582-7820

CONTACT:

ARCHITECT: FIELD INSPECTIONS:

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.
- 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).

PROJECT NAME: FIRE SPRINKLER PLANS FOR

12528 GRANITE DRIVE

12528 GRANITE DRIVE
TRUCKEE, CA 96161

STAMP:

DRAWING TITLE: FIRE SPRINKLER PLAN

SCALE: 1/8" = 1'-0"

DRAWN BY:

BORN ON DATE: 7/14/2025

FILE:

JOB NO.:

DWG NO.:

FP-1

SHEET 1 OF 1