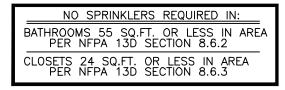
PROJECT SUMMARY: PROJECT NAME: PROJECT ADDRESS: APN:

PROJECT TYPE: TYPE OF CONSTRUCTION: OCCUPANCY GROUP(S): OCCUPIED LEVELS: TOTAL SPRINKLERED AREA: NFPA CODE REQUIREMENT: NUMBER OF SYSTEMS: SYSTEM TYPE(S): TOTAL SPRINKLERS: SPECIAL NOTES:

SULLIVAN RESIDENCE 8125 VILLANDRY DR, TRUCKEE, CA <u>106-320-001</u> MEW T.I. 5618 SQ. FT. □NFPA 13 □NFPA 13R ₩NFPA 13D WET MANTI-FREEZE DRY PREACTION 55 SEE FIRE SPRINKLER NOTES THIS SHEET



PROJECT SQUARE FOOTAGES MAIN LEVEL = 4807 S.F. UPPER LEVEL = 811 S.F.

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

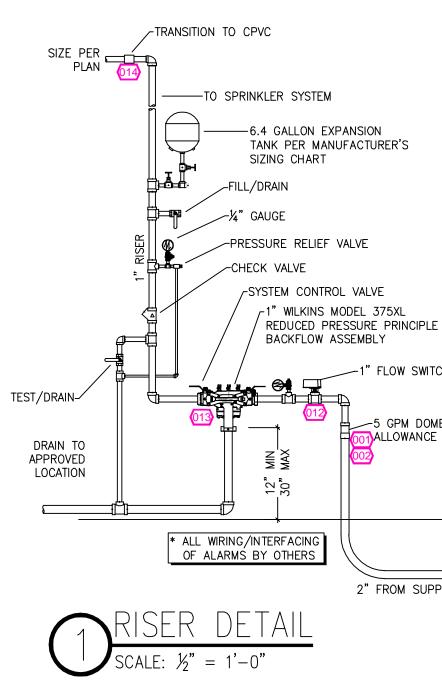
SUBMITTAL

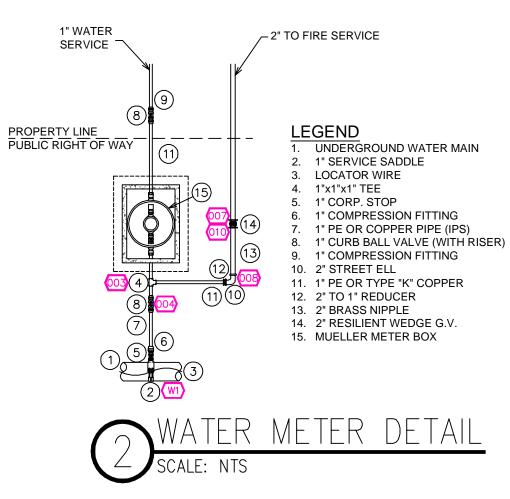
SPRINKLER SPACING

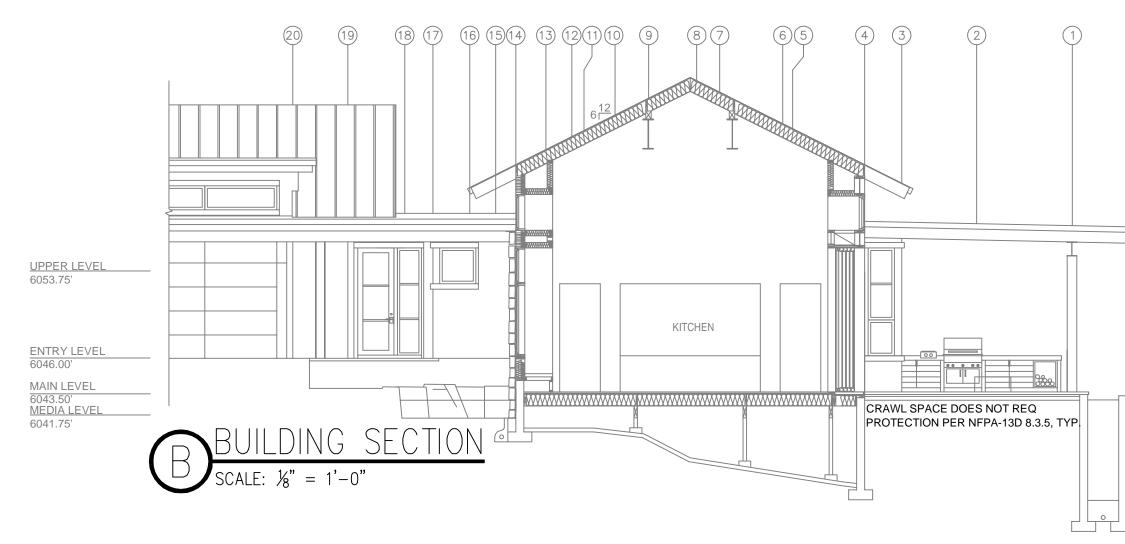
- A SINGLE PENDENT SPRINKLER MAY BE SPACED AT A MAXIMUM OF 20'x20'(400SQ. FT.) OR UP TO 10'OFF A WALL. (MINIMUM 8'-0" BETWEEN SPRINKLERS)
- TWO OR MORE HEADS IN A COMPARTMENT SHALL BE SPACED AT A MAXIMUM OF 18'x18'(324 SQ. FT.) OR UP TO 9' OFF
- A WALL UNO. (MINIMUM 8'-0" BETWEEN SPRINKLERS) SPRINKLERS 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





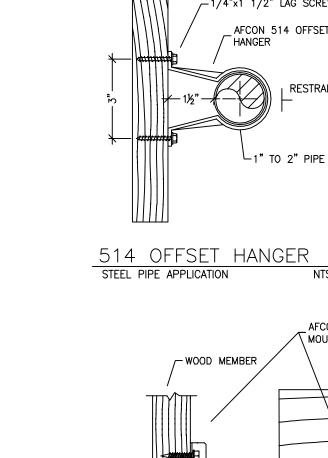


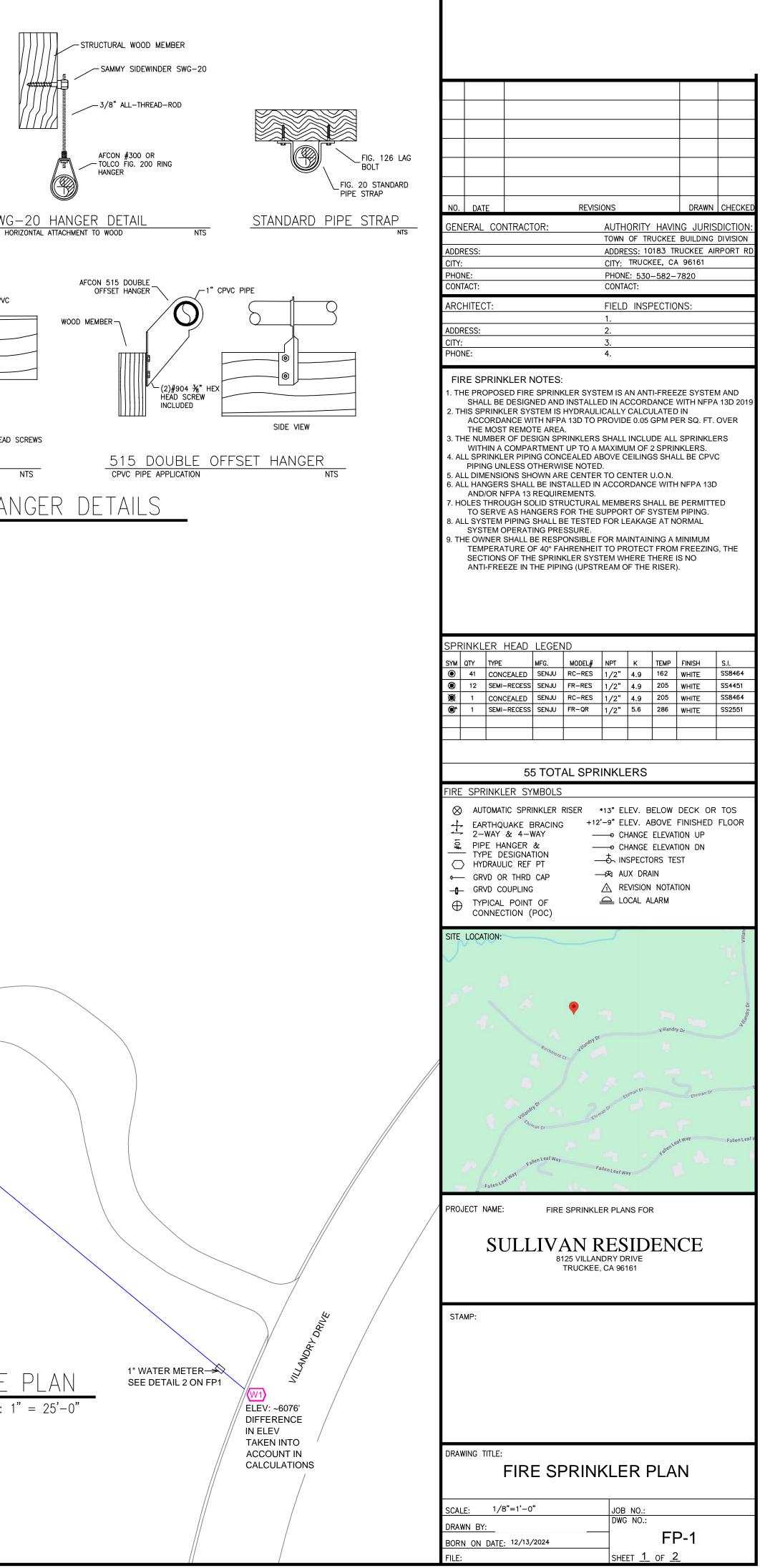
PIPE VOLUMES:

1" = 642' (31.75 GAL)

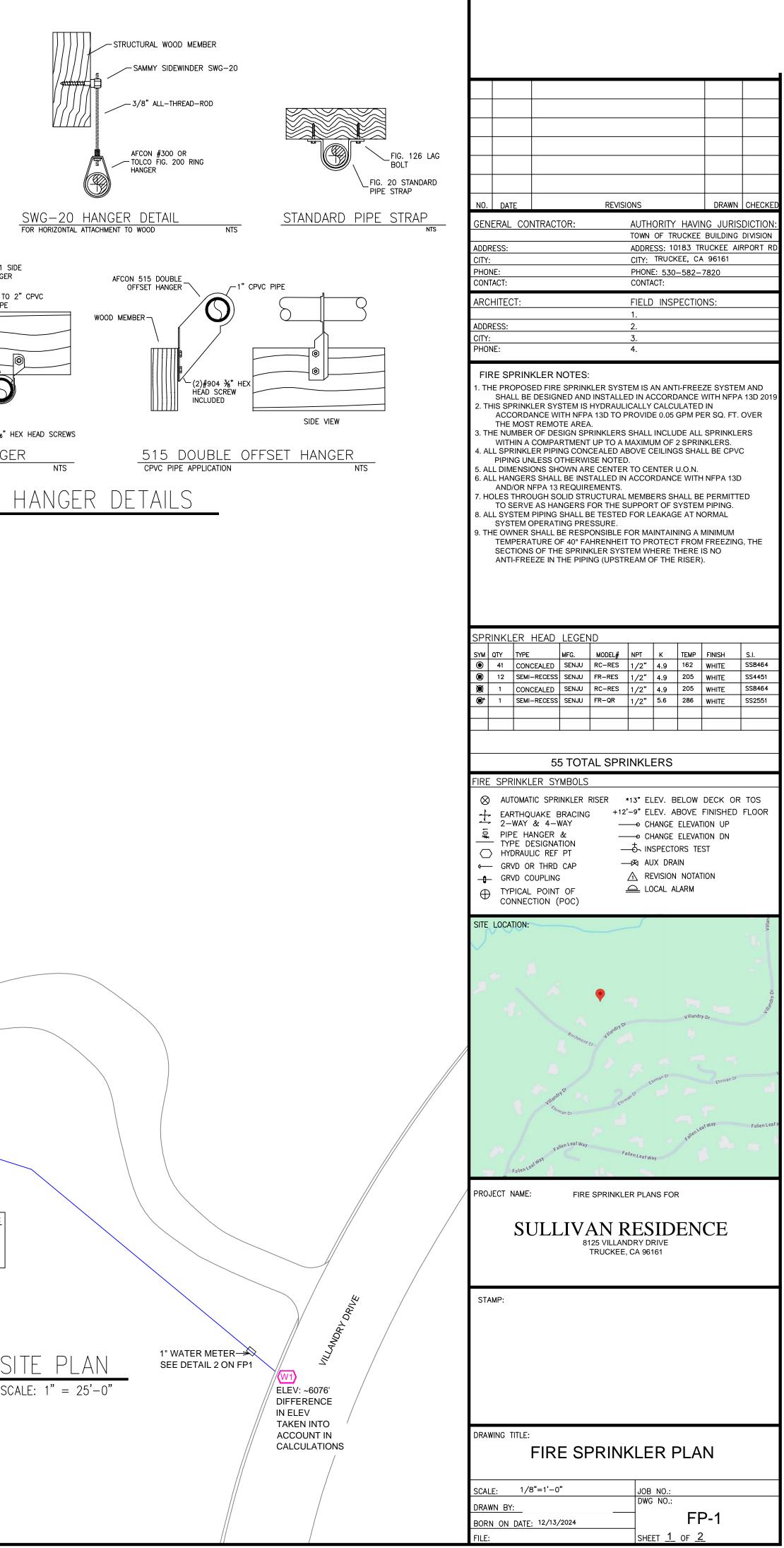
ADD 10% FOR DROPS AND PIPE SIZE DISCREPANCIES

NFPA 13 - Table A (Based on Actu	•		e
Nominal Pipe Diameter (in.)		pe Schedule 10	CPVC
1	0.045 0.078	0.049 0.085	0.049 0.079
/			

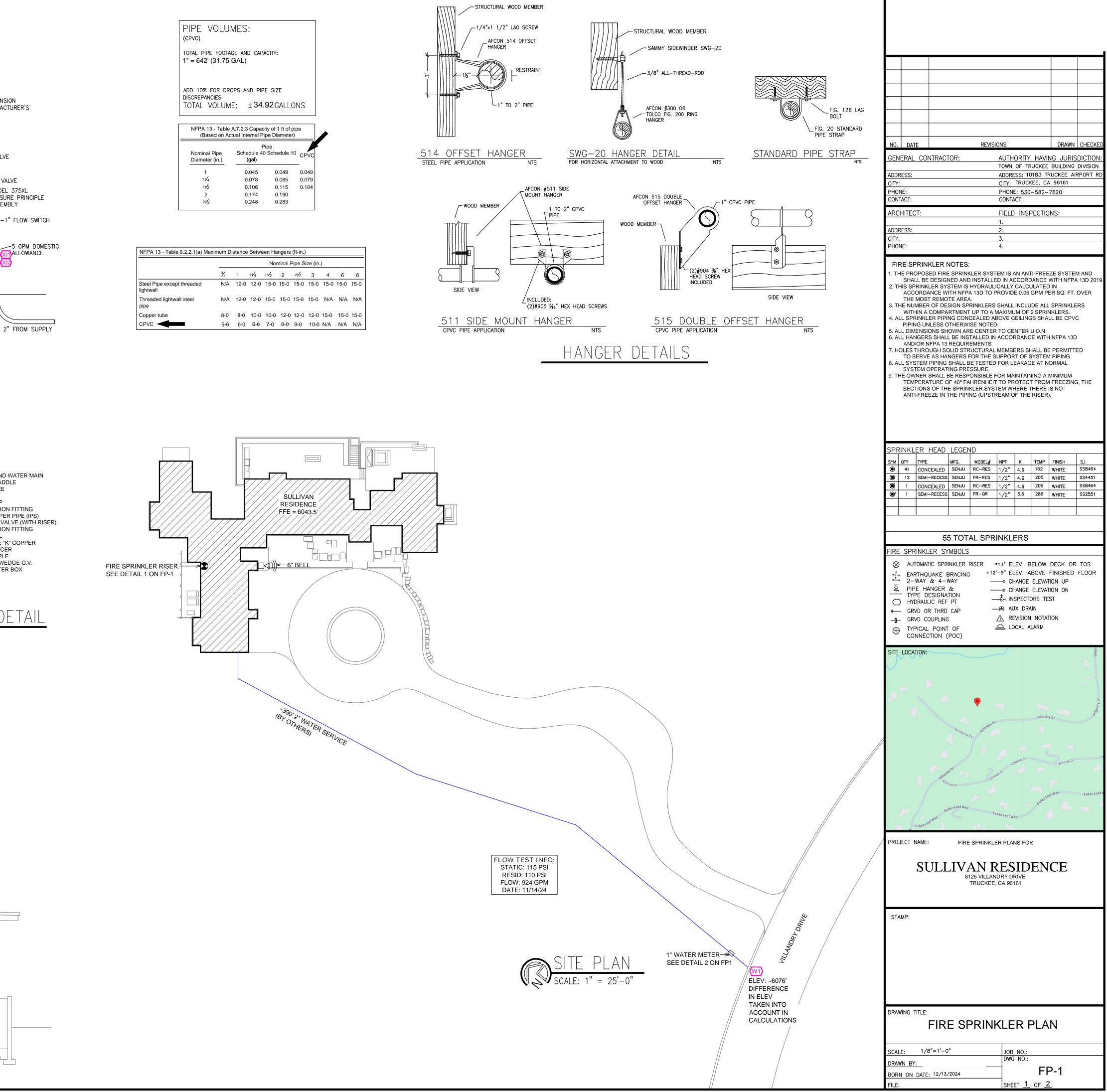


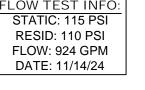


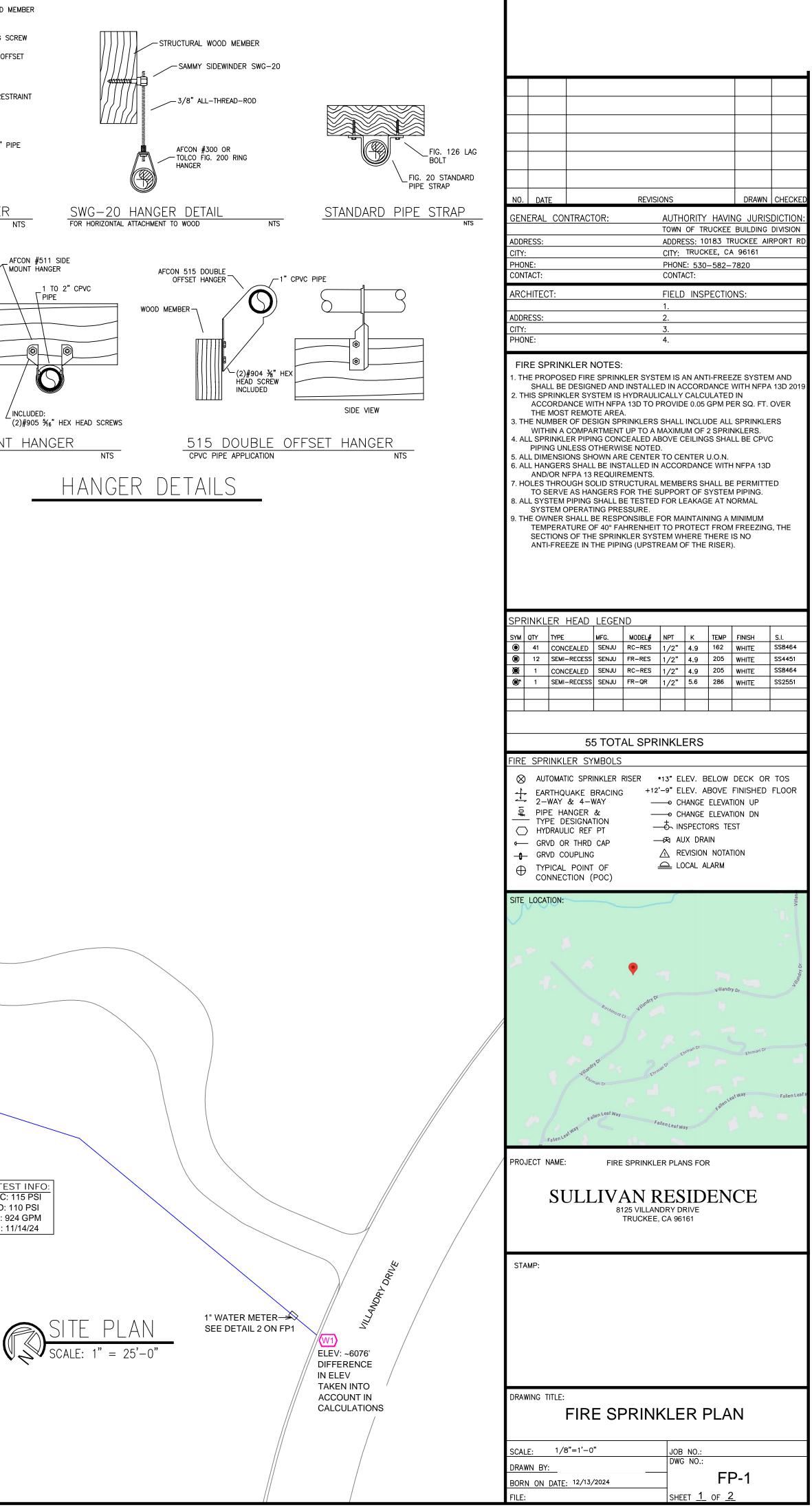
AFCON #511 SIDE √ mount "hanger _1 TO 2" CPVC **∑** PIPE SIDE VIEW / INCLUDED: 511 SIDE MOUNT HANGER CPVC PIPE APPLICATION

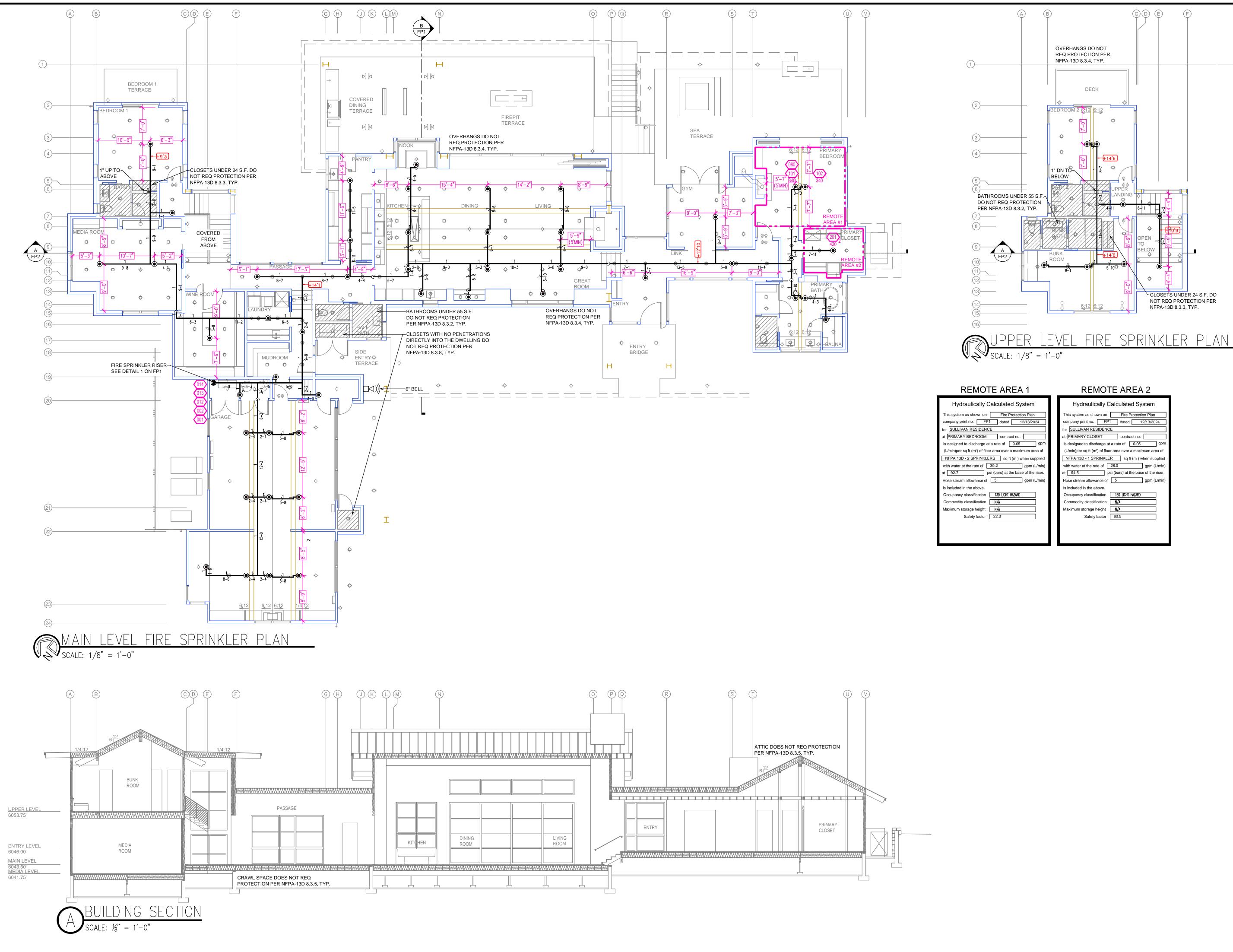


	Nominal Pipe Size (in.)						.)	
	¾	1	11⁄4	11/2	2	21/2	3	4
Steel Pipe except threaded lightwall	N/A	12-0	12-0	15-0	15-0	15-0	15-0	15-
Threaded lightwall steel pipe	N/A	12-0	12-0	15-0	15-0	15-0	15-0	N//
Copper tube	8-0	8-0	10-0	10-0	12-0	12-0	12-0	15-0
CPVC	5-6	6-0	6-6	7-0	8-0	9-0	10-0	N/A









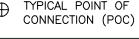
EA 1	
d System	Hyd
rotection Plan 12/13/2024 act no. 0.05 gpm a maximum area of (m) when supplied gpm (L/min) ne base of the riser. gpm (L/min)	This syster company p for SULLI at PRIMAF is designed (L/min)per NFPA 13I with water at 54.5 Hose strea is included Occupancy Commodity Maximum s

Ŗ	osi (bars) at the base of the riser.
allowance of	5 gpm (L/min)
the above.	
assification	13D LIGHT HAZARD
lassification	N/A
rage height	N/A
afety factor	60.5

NO	. DA ⁻	TE		REVIS	IONS			DRAWN
GE	NERAL	CONTRAC	TOR:					
ADD	RESS:					-		RUCKEE A
	/: DNE:							A 96161
	NTACT:				CONT		-582-	. / 620
AR	CHITE	CT:			FIELD) INSF	PECTIC	NS:
	RESS:				<u>1.</u> 2.			
CIT					2. 3.			
PHO	ONE:				4.			
1. T 2. 1 3. 1 4. <i>A</i> 5. <i>A</i>	THE PR SHA THIS SF ACC THE NUT THE NU WIT ALL SPI ALL DIN	PRINKLER OPOSED FIR LL BE DESIG PRINKLER SY ORDANCE W MOST REMC IMBER OF DE HIN A COMPA RINKLER PIP NG UNLESS (MENSIONS SH	E SPRIN NED ANE STEM IS (ITH NFP.) TE AREA SIGN SP ARTMENT NG CON DTHERW IOWN AR	KLER SYS [®] DINSTALLI HYDRAUL A 13D TO I A. RINKLERS TUP TO A CEALED A ISE NOTEI RE CENTEF	ED IN A ICALLY PROVID SHALL MAXIMU BOVE C D. R TO CE	CCORE CALCU E 0.05 INCLU JM OF EILING	DANCE JLATEI GPM P IDE ALL 2 SPRII 3S SHA U.O.N.	WITH NFF D IN ER SQ. FT SPRINKL NKLERS. LL BE CP\
1. T 2. 1 3. 1 4. <i>J</i> 5. <i>J</i> 6. <i>J</i> 7. F 8. <i>J</i>	HE PR SHA THIS SF ACC THE THE NU WITI ALL SPI ALL SPI ALL SPI ALL SYS SYS THE OW TEM SEC	OPOSED FIR LL BE DESIG PRINKLER SY CORDANCE W MOST REMC IMBER OF DE HIN A COMPA RINKLER PIP NG UNLESS (E SPRIN NED AND STEM IS (ITH NFP, DTE ARE/ SIGN SP ARTMENT ING CON DTHERW HOWN AR L BE INS REQUIR OLID STF NGERS I SHALL E FING PRE BE RESP DF 40° FA	KLER SYS [®] DINSTALLI HYDRAUL A 13D TO I A. RINKLERS CUP TO A CEALED A ISE NOTEI RECENTER TALLED IN EMENTS. RUCTURAL FOR THE S BE TESTEE SSURE. ONSIBLE MRENHEI KLER SYS	ED IN AU ICALLY PROVID S SHALL MAXIMU BOVE C C R TO CE I ACCOI I ACCOI I ACCOI I ACCOI I ACCOI FOR L FOR MA T TO PF TEM WI	CCORE CALCI E 0.05 INCLU JM OF EILING INTER RDANC ERS SH TOF S EAKAG	DANCE JLATEL GPM P IDE ALL 2 SPRII 2 SPRII 3 SHA U.O.N. E WITH HALL BI SYSTEM E AT N VING A T FROM THERE	WITH NFP DIN ER SQ. FT - SPRINKL NKLERS. LL BE CPV H NFPA 13 E PERMIT A PIPING. IORMAL MINIMUM A FREEZIN IS NO
1. T 2. T 3. T 4. / 5. / 6. / 7. F 8. / 9. T	HE PR SHA SHA THIS SF ACC THE NU WITI ALL SPI PIPII ALL DIM ALL AND HOLES TO S SYS THE OW TEM SEC ANT	OPOSED FIR LL BE DESIG PRINKLER SY CORDANCE W MOST REMC IMBER OF DE HIN A COMPA RINKLER PIP NG UNLESS (MENSIONS SH NGERS SHAL VOR NFPA 13 THROUGH S SERVE AS HA STEM PIPING TEM OPERAT VNER SHALL IPERATURE (TIONS OF TH	E SPRINH NED ANE STEM IS TE AREA SIGN SP ARTMENT NG CON DTHERW IOWN AR L BE INS REQUIR OLID STF NGERS I SHALL E ING PRE BE RESP DF 40° FA IE SPRIN THE PIPI	KLER SYS DINSTALLI HYDRAUL A 13D TO I A. RINKLERS TUP TO A CEALED A ISE NOTEL RECENTER TALLED IN EMENTS. RUCTURAL FOR THE S BE TESTEL SSURE. ONSIBLE HRENHEI KLER SYS NG (UPST	ED IN AU ICALLY PROVID S SHALL MAXIMU BOVE C C R TO CE I ACCOI I ACCOI I ACCOI I ACCOI I ACCOI I ACCOI FOR L FOR MA T TO PF TEM WI	CCORE CALCI E 0.05 INCLU JM OF EILING INTER RDANC ERS SH TOF S EAKAG	DANCE JLATEL GPM P IDE ALL 2 SPRII 2 SPRII 3 SHA U.O.N. E WITH HALL BI SYSTEM E AT N VING A T FROM THERE	WITH NFP DIN ER SQ. FT - SPRINKL NKLERS. LL BE CPV H NFPA 13 E PERMIT A PIPING. IORMAL MINIMUM A FREEZIN IS NO
1. T 2. T 3. T 4. / 5. / 6. / 7. F 8. / 9. T	HE PR SHA SHA THIS SF ACC THE NU WITI ALL SPI PIPII ALL DIM ALL SPI FOLSS TO S SYS THE OW SEC ANT	OPOSED FIR LL BE DESIG PRINKLER SY ORDANCE W MOST REMO IMBER OF DE HIN A COMPA RINKLER PIPING UNLESS (MENSIONS SHALL OVOR NFPA 13 THROUGH S SERVE AS HAL VOR NFPA 13 THROUGH S SERVE AS HALL IPERATURE (TIONS OF TH I-FREEZE IN	E SPRINH NED ANE STEM IS TE AREA SIGN SP ARTMENT NG CON DTHERW IOWN AR L BE INS REQUIR OLID STF NGERS I SHALL E ING PRE BE RESP DF 40° FA IE SPRIN THE PIPI	KLER SYS DINSTALLI HYDRAUL A 13D TO I A. RINKLERS TUP TO A CEALED A ISE NOTEL RECENTER TALLED IN EMENTS. RUCTURAL FOR THE S BE TESTEL SSURE. ONSIBLE HRENHEI KLER SYS NG (UPST	ED IN AU ICALLY PROVID SHALL MAXIMU BOVE CO C TO CE I ACCOI FOR L FOR MA T TO PF TEM WI REAM C	CCORE CALCU E 0.05 INCLU JM OF EILING INTER RDANC ERS SH TOF S EAKAG INTAIN OTEC HERE TO F THE	DANCE JLATEL GPM P IDE ALL 2 SPRII 2 SPRII 3 SHA U.O.N. E WITH HALL BI SYSTEM E AT N VING A T FROM THERE	WITH NFP DIN ER SQ. FT - SPRINKL NKLERS. LL BE CPV H NFPA 131 E PERMITT A PIPING. IORMAL MINIMUM A FREEZIN IS NO).
1. T 2. 1 3. 1 4. / 6. / 7. F 8. / 9. 1 9. 1 9. 1 9. T	HE PR SHA SHA THIS SF ACC THE NU WITI ALL SPI PIPII ALL DIM ALL SPI FIE OV SYS THE OW TEM SEC ANT	OPOSED FIR LL BE DESIG PRINKLER SY CORDANCE W MOST REMO IMBER OF DE HIN A COMPA RINKLER PIPING UNLESS (MENSIONS SHALL MOR NFPA 13 THROUGH S SERVE AS HAL MOR NFPA 13 THROUGH S SERVE AS HAL MOR SHALL IPERATURE (TIONS OF TH I-FREEZE IN	E SPRINE NED AND STEM IS STEM IS STEM IS SIGN SP ARTMENT NG CON DTHERW OUN AR L BE INS REQUIR OUID STF NGERS I SHALL E TING PRE BE 40° FA IE SPRIN THE PIPI	ALER SYS DINSTALLI HYDRAUL A 13D TO I A. RINKLERS T UP TO A CEALED A ISE NOTEL RECENTER TALLED IN EMENTS. RUCTURAL FOR THE S BE TESTEL SSURE. ONSIBLE HRENHEI KLER SYS NG (UPST	ED IN A ICALLY PROVID SHALL MAXIMU BOVE C C R TO CE I ACCOI FOR L FOR MA T TO PF TEM WI REAM C	CCORE CALCI E 0.05 INCLU JM OF EILING INTER RDANC ERS SH T OF S EAKAG INTAIN OTEC HERE 1 DF THE	ANCE JLATEL GPM P IDE ALL 2 SPRII 3S SHA U.O.N. E WITH HALL BI SYSTEM E AT N IING A T FROM THERE RISER	WITH NFP DIN ER SQ. FT - SPRINKL NKLERS. LL BE CPV H NFPA 13 E PERMIT M PIPING. IORMAL MINIMUM 4 FREEZIN IS NO).
1. T 2. 1 3. 1 4. <i>J</i> 5. <i>J</i> 6. <i>J</i> 7. F 8. <i>J</i> 9. 1 9. 1 9. 1 9. T	HE PR SHA SHA THIS SF ACC THE NU WITI ALL SPI PIPII ALL SPI FIE OW TEM SEC ANT	OPOSED FIR LL BE DESIG PRINKLER SY CORDANCE W MOST REMO IMBER OF DE HIN A COMPA RINKLER PIPI NG UNLESS (IENSIONS SF NGERS SHAL VOR NFPA 13 THROUGH S SERVE AS HA STEM PIPING TEM OPERAT VNER SHALL IPERATURE (TIONS OF TH 1-FREEZE IN ER HEAD TYPE CONCEALED SEMI-RECESS	E SPRINH NED ANE STEM IS STEM IS STEM IS SIGN SP SIGN SP ARTMENT NG CON OTHERW IOWN AR L BE INS REQUIR OUID STF NGERS I SHALL E TING PRE BE RESP DF 40° FA THE PIPI	ALER SYS ^C DINSTALLI HYDRAUL A 13D TO I A. RINKLERS T UP TO A CEALED A ISE NOTEL E CENTER TALLED IN CEALED A ISE NOTEL E CENTER TALLED IN CEALED A ISE NOTEL SOUCTURAL FOR THE S SOURE. ONSIBLE HRENHEI KLER SYS NG (UPST) ND ND RC-RES	ED IN A ICALLY PROVID SHALL MAXIMI BOVE C D. R TO CE I ACCOI FOR L FOR MA T TO PR T T TO PR T	CCORE CALCI E 0.05 INCLU JM OF EELING INTER RDANC ERS SH EAKAG INTAIN OTEC HERE TO F THE	DANCE JLATEL GPM P IDE ALL 2 SPRII 3S SHA U.O.N. E WITH HALL BI SYSTEM E AT N UING A T FROM THERE RISER	WITH NFF DIN ER SQ. FT - SPRINKL NKLERS. LL BE CPV H NFPA 13 E PERMIT A PIPING. IORMAL MINIMUM A FREEZIN IS NO). FINISH WHITE WHITE WHITE
1. T 2. 1 3. 1 4. / 5. / 6. / 7. ⊦ 8. / 9. 1 9. 1 9. 1 9. 1 9. SP SYM ම ම	HE PR SHA THIS SF ACC THE NU WITI ALL SPI PIPII ALL SPI PIPII ALL SPI OLES SYS THE OW TEM SEC ANT RINKL QTY 41 12 1	OPOSED FIR LL BE DESIG PRINKLER SY CORDANCE W MOST REMO IMBER OF DE HIN A COMPA RINKLER PIPI NG UNLESS (IENSIONS SHAL VOR NFPA 13 THROUGH SI SERVE AS HAL VOR NFPA 13 THROUGH SI SERVE AS HAL VIER SHALL IPERATURE (TIONS OF TH I-FREEZE IN ER HEAD TYPE CONCEALED SEMI-RECESS	E SPRINH NED ANE STEM IS STEM IS STEM IS SIGN SP SIGN SP ARTMENT NG CON OTHERW IOWN AR L BE INS REQUIR OUID STF NGERS I SHALL E TING PRE BE RESP DF 40° FA THE PIPI	ALER SYS DINSTALLI HYDRAUL A 13D TO I A. RINKLERS TUP TO A CEALED A ISE NOTEI RECENTER TALLED IN EMENTS. RUCTURAL FOR THE S BE TESTED SSURE. PONSIBLE I HRENHEI' KLER SYS NG (UPST MODEL# RC-RES FR-RES RC-RES	ED IN A ICALLY PROVID SHALL MAXIMU BOVE C C R TO CE I ACCOI FOR L FOR MA T TO PF TEM WI REAM C	CCORE CALCU E 0.05 INCLU JM OF EILING INTER RDANC ERS SH RT OF S EAKAG INTAIN OF THE FTHE K 4.9 4.9 4.9 4.9	ANCE JLATEL GPM P IDE ALL 2 SPRII SS SHA U.O.N. E WITH HALL BI SYSTEM E AT N IING A T FROM THERE RISER TEMP 162 205 205	WITH NFF DIN ER SQ. FT SPRINKL NKLERS. LL BE CPV H NFPA 13 E PERMIT M PIPING. IORMAL MINIMUM A FREEZIN IS NO). FINISH WHITE WHITE
1. T 2. 1 3. 1 4. <i>J</i> 5. <i>J</i> 6. <i>J</i> 7. F 8. <i>J</i> 9. 1 9. 1 9. 1 9. T	HE PR SHA THIS SF ACC THE NU WITI ALL SPI PIPII ALL SPI PIPII ALL SPI OLES SYS THE OW TEM SEC ANT RINKL QTY 41 12 1	OPOSED FIR LL BE DESIG PRINKLER SY CORDANCE W MOST REMO IMBER OF DE HIN A COMPA RINKLER PIPI NG UNLESS (IENSIONS SF NGERS SHAL VOR NFPA 13 THROUGH S SERVE AS HA STEM PIPING TEM OPERAT VNER SHALL IPERATURE (TIONS OF TH 1-FREEZE IN ER HEAD TYPE CONCEALED SEMI-RECESS	E SPRINH NED ANE STEM IS STEM IS STEM IS SIGN SP SIGN SP ARTMENT NG CON OTHERW IOWN AR L BE INS REQUIR OUID STF NGERS I SHALL E TING PRE BE RESP DF 40° FA THE PIPI	ALER SYS DINSTALLI HYDRAUL A 13D TO I A. RINKLERS TUP TO A CEALED A ISE NOTEI RECENTER TALLED IN EMENTS. RUCTURAL FOR THE S BE TESTED SSURE. PONSIBLE I HRENHEI' KLER SYS NG (UPST MODEL# RC-RES FR-RES RC-RES	ED IN A ICALLY PROVID SHALL MAXIMI BOVE C D. R TO CE I ACCOI FOR L FOR MA T TO PR T T TO PR T	CCORE CALCU E 0.05 INCLU JM OF EILING INTER RDANC ERS SH RT OF S EAKAG INTAIN OF THE FTHE K 4.9 4.9 4.9 4.9	ANCE JLATEL GPM P IDE ALL 2 SPRII SS SHA U.O.N. E WITH HALL BI SYSTEM E AT N IING A T FROM THERE RISER TEMP 162 205 205	WITH NFF DIN ER SQ. FT SPRINKL NKLERS. LL BE CP' H NFPA 13 E PERMIT M PIPING. IORMAL MINIMUM A FREEZIN IS NO). FINISH WHITE WHITE WHITE

PIPE HANGER & HYDRAULIC REF PT

- ───● CHANGE ELEVATION UP ────● CHANGE ELEVATION DN
- GRVD OR THRD CAP _____ GRVD COUPLING TYPICAL POINT OF
- —Æ AUX DRAIN \triangle REVISION NOTATION $rac{}{}$ Local alarm



SITE LOCATION:

PROJECT NAME:

FIRE SPRINKLER PLANS FOR

SULLIVAN RESIDENCE 8125 VILLANDRY DRIVE TRUCKEE, CA 96161

STAMP:

DRAWING TITLE: FIRE SPRINKLER PLAN

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

BORN ON DATE: 12/13/2024

DRAWN BY:

JOB NO.: DWG NO.: FP-2 SHEET <u>2</u> OF <u>2</u>