



<u>SPRINKLER HEAT</u>	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 <b>"</b>
SIDE OF CEILING OR WALL MOUNTED HOT AIR DIFFUSERS	24"	12"
FRONT OF WALL MOUNTED HOT AIR DIFFUSE	RS 36"	18"
HOT WATER HEATER, FURNACE, LIGHT FIXTUR	RE 6"	3"

(CPVC)	MES:			
TOTAL PIPE FOOTA 1'' = 484' $1\frac{1}{4}' = 38'$	GE AND CAPA (23.94 G/ (3.01 GA	CITY: AL) L)		
ADD 10% FOR DRO DISCREPANCIES TOTAL VOLUM	DPS AND PIPE E: $\pm 29.6$	size 6 <b>4</b> GALLO	NS	
NFPA 13 - Table (Based on Ac	A.7.2.3 Capacit tual Internal Pip	ty of 1 ft of pi be Diameter)	pe	
	Pipe Nominal Pipe Schedule 40 Schedule 10 Diameter (in.) (gal)			
Nominal Pipe Diameter (in.)	Pi Schedule 40 (gal)	pe Schedule 10	CPV	
Nominal Pipe Diameter (in.) 1	Pi Schedule 40 (gal) 0.045	pe Schedule 10 0.049	CPV0	

NFPA 13 - Table 9.2.2.1(a) Maximum Distance Between Hangers (ft-in.)										
	Nominal Pipe Size (in.)									
	3⁄4	1	11⁄4	11/2	2	21/2	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	12-0	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





NO.	DAT	Ē			REVISI	ONS			DRAWN	CHECKED
GEN	ERAL	CO		OR:		AUTH EAST F	ORITY	HAVI IRE PRO	NG JURIS	DICTION: ISTRICT
CITY: PHON	NE:					CITY: PHONE	MINDEI E: 775-	94 CO N, NV -782-	89423 9048	
CONT ARC	TACT: CONTACT: CHITECT: FIELD INSPECTIONS:									
ADDR CITY:	ESS:					1. 2. 3.				
CITY:       3.         PHONE:       4.         FIRE SPRINKLER NOTES:       1.         1. THE PROPOSED FIRE SPRINKLER SYSTEM IS AN ANTI-FREEZE SYSTEM AND SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 13D         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 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).										
SPR	INKL	ER	HEAD	LEGEN	ND					
SYM ③ ③ ③ √	QTY 31 6 7 1	TYPE CONC CONC SEMI- CONC	CEALED CEALED -RECESS ÆALED	MFG. SENJU SENJU SENJU SENJU	MODEL# RC-RES RC-RES FR-RES HF-RES	NPT 1/2" 1/2" 1/2" 1/2"	К 4.9 4.9 4.9 4.2	TEMP 162 205 205 162	FINISH WHITE WHITE WHITE WHITE	S.I.N. SS8464 SS8464 SS4451 SS4423
				15 T				200		
FIRE	SPR	INKL	.ER SY	MBOLS						
<ul> <li>AUTOMATIC SPRINKLER RISER</li> <li>★ AUTOMATIC SPRINKLER RISER</li> <li>★ EARTHQUAKE BRACING 2-WAY &amp; 4-WAY</li> <li>↓ 2'-9" ELEV. BELOW DECK OR TOS</li> <li>★ 12'-9" ELEV. ABOVE FINISHED FLOOR</li> <li>← CHANGE ELEVATION UP</li> <li>← CHANGE ELEVATION DN</li> <li>← CHANGE ELEVATION DN</li> <li>← CRVD OR THRD CAP</li> <li>← GRVD COUPLING</li> <li>← TYPICAL POINT OF CONNECTION (POC)</li> <li>★ 13" ELEV. BELOW DECK OR TOS</li> <li>★ 12'-9" ELEV. ABOVE FINISHED FLOOR</li> <li>← CHANGE ELEVATION UP</li> <li>← CHANGE ELEVATION DN</li> <li>← CHANGE ELEVATION DN</li> <li>← CHANGE ELEVATION DN</li> <li>← CRVD OR THRD CAP</li> <li>← AUX DRAIN</li> <li>← LOCAL ALARM</li> </ul>										
SITE	l Rd	Haske	ell MI CI		Clear	Creek-	~~~		Clear C	Creek Tahoe
Wallon Oll Ro Wallon Oll Ro Cartwright Ct										
PROJ	IECT N	NAME:		FIRF	SPRINKLF	R PLAN	S FOR			
CARMEL/RUEHSEN RESIDENCE 210 WALTON TOLL ROAD CARSON CITY, NV 89705 LOT 213 CCT										
STA	MP:	ΊΤLF·								
URAN	FIRE SPRINKLER PLAN									
SCAL	E:	1/8	3"=1'-0'	**		JOB DWG	NO.: NO.:			
DRAW BORN	<u>VIN BY</u> N ON	: DATE	: 3/10/2	2023			-T 2	FF OF 2	<b>-2</b>	