

Fire Sprinkler Hydraulic Design Cover Sheet

Date:			Project Name:_				
Address	:						
Contrac	tor:			Designer:			
Contact:				_ Phone:			
Fax:				-			
Project 7	Гуре:						
□ New	□ Addition	Tenant I	mprovement [Other			
System #	ŧ		Reme	ote Area #:			
<u>Constr</u>	uction:						
	ustible structed		ustible (If Obstructed, ;	give reference	e/type in additio	onal informa	tion on pg. 2)
System	<u>Type:</u>						
	reeze 🗆 Circu 🗆 Gride	0	d-Loop 🛛 Loo uge	oped 🗆 Pres	action 🗆 Dry	Pipe Preacti	ion
Hazaro	<u>l:</u>						
Rack	•	🗖 Special	Ordinary Grp 2 Design Methods	🗆 Solid Pi	-	oxes	
Figure: _			Curv	/e:			
Area of S	Sprinkler Opera	ation:		Density:			
Area Pe	Sprinkler:		_ Hose Allowa	nce: Inside: _		Outside:	
Rack Sp Sprinkle	rinkier Allowar r Model	1ce: Sizo	S : Tyj	prinkler Mak	e: K-Factor:	Ton	
Shume	1 1/10u01,	5120	· 1y		_ 1X-1 act01 ·	I CII	пЬ. ———
Applyi □ No		3: 11.23.2.3	3 (QR modifi	er rule app	oly?)		
			in. (Provide all d		as on the plan s	ubmitted)	
			_ in				
Other D	esign Applicatio	ons/Modifier	's that apply NF	PA:			

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Density:		Amoon		£4/2
	ann Ata	Area:		ft/2
Flowing:	gpm At: Boods Or		psi a	t dase of Kiser
			_	
Overhead: Water Supply Info Attached:	Elevau	ty Curve Attached.	ig from DOK:	
water Supply Into Attached:	Densi	ly Curve Attached: L	1	
Hood Info.				
Head Info:	V	Flore	Stantin a DCI	
Extended Coverage-Dimension	A	_ Flow	_ Starting PSI _	
Commodity Storage:				
Commodity:	Class:			
Location:				
Location:	Area:	A	isle Width:	
Storage Method:				
□ Solid Piled%	□ Palletized	%	□ Rack	%
Rack:				
□ Single Row □ Double Row	Multinla Dow	Conventional Dellet	🗖 Diagtia Tata	
□ Slave Pallet □ Automatic St				
Flu Spacing in inches: Longitudinal: Tr	ansverse:	Horizontal B	orriors Providad.	
Clearance from Top of Storage t	to Ceiling:	ft	in.	: □Yes □No
Clearance from Top of Storage t Residential Systems:	to Ceiling:	ft	in.	: □Yes □No
Clearance from Top of Storage to <u>Residential Systems:</u> NFPA 13D 13R	to Ceiling:	ft	in.	
Clearance from Top of Storage 1 <u>Residential Systems:</u> NFPA 13D 13R Number of Heads Operating:	to Ceiling: 13D Modified 🗆 Ele	ft vation from BOR:	in. ft	in.
Clearance from Top of Storage (<u>Residential Systems:</u> NFPA 13D 13R Number of Heads Operating: Sprinkler Make:	to Ceiling: 13D Modified 🗆 Ele	ft vation from BOR:	in. ft	in.
Clearance from Top of Storage (<u>Residential Systems:</u> NFPA 13D 13R Number of Heads Operating: Sprinkler Make: Model:	to Ceiling: 13D Modified 🗆 Ele	ft vation from BOR: Starting PSI	in. ft	in.
Clearance from Top of Storage (<u>Residential Systems:</u> NFPA 13D 13R Number of Heads Operating: Sprinkler Make: Model: Upright Pendant Res Other	to Ceiling: 13D Modified 🗆 Ele cessed 🛛 Peno	ft vation from BOR: Starting PSI dant Concealed	in. ft	in. Sidewall
Clearance from Top of Storage (<u>Residential Systems:</u> NFPA 13D 13R Number of Heads Operating: Sprinkler Make: Model: Upright Pendant Res Other	to Ceiling: 13D Modified 🗆 Ele cessed 🛛 Peno	ft vation from BOR: Starting PSI dant Concealed	in. ft	in. Sidewall
Clearance from Top of Storage to Residential Systems: NFPA □ 13D □ 13R □ Number of Heads Operating: Sprinkler Make:	to Ceiling: 13D Modified Ele cessed Peno t/2ft. No	ft vation from BOR: Starting PSI dant Concealed xft. Any T Operating t	in. ftft	in. Sidewall YesNo
Clearance from Top of Storage (<u>Residential Systems:</u> NFPA 13D 13R Number of Heads Operating: Sprinkler Make: Model: Upright Pendant Ree Other Area per sprinkler:f Installing Backflow: Yes System Water Supply Flows Pro	to Ceiling: 13D Modified Ele cessed Peno t/2ft. No	ft vation from BOR: Starting PSI dant Concealed xft. Any T Operating t	in. ftft	in. Sidewall YesNo
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Clearance from Top of Storage f Residential Systems: NFPA 13D 13R Number of Heads Operating: Sprinkler Make: Model: Upright Pendant Red Other Area per sprinkler:f Installing Backflow: Yes System Water Supply Flows Pro Where? Size, Pipe Type & C-Factor from	to Ceiling: 13D Modified Ele cessed t/2ft. No wided at/through the n Tap to Meter:	ft vation from BOR: Starting PSI dant Concealed xft. Any Operating t e Meter: Yes I	in. ftft	in. Sidewall Yes □ No Yes □ No
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Note: Attach additional information and clarification as needed.