

# Portland Fire & Rescue Facilities Permit Application – Sprinkler System 1900 SW 4<sup>th</sup> Avenue, Portland, OR 97201 Phone: 503.823.3712



VALUATION OF WORK:	:\$ D	ATE:	BUILDING WORK PER	MIT #:		
Plans m	ust be submitted t	o the fire preventior	n division and appr	oved before ins	tallation.	
Location:						
Building Name:		O	Occupied as:			
Address:			Portland, OR	Zip	<u> </u>	
Suite #		Levels (#)				
Installation Addition Alteration New Remove Repair	Sprinkler Complete Partial Basement Exit way Hood/Vent Spray Booth	Sprinkler Type Wet Dry Preaction Deluge Anti-freeze	Supply Undergroun Sprinkler Or Undergroun Sprinkler wi	nly d with Hydrants	Standpipe Wet Dry Combination	
Light Hazard C		2 Extra Hazard 1  Total No. of Heads:			led Storage sq ft	
Building Size:	sq ft	No. of Standpipes: _		Orifice Size:	inches	
No. of Stories:		Density:		"K" Factor:		
No. of Systems:		Design Area:	sq ft	Temp. Rating:	F	
Description of Wo	rk:					
Installing Company Information:		Own	er Information:			
Applicant Name:		Name:				
Company Name:		Phon	Phone/Fax:			
Address:		Mail	Mail permit to:			
City, State, Zip:		Address:				
Phone/Fax:		City,	State, Zip:			
		Meyo	m Smith			
Applicant			Signature		te	
Ins	pector		Signature		 Date	

#### **Facilities Permit**

#### **Sprinkler/Underground Permit Submittal Requirements**

Scope: Fire permits for work associated with a Facility Permit Project. Fees will be billed monthly.

- 1. Permit Application, including related facilities project permit number.
- 2. Two sets of plans. Plans need to be of a quality clear enough to microfilm. Name of project, job address, and the engineers/architect's name designing the system must be on all sheets.
- **3.** Specification sheets of all equipment in the system.
- 4. Hydraulically-designed fire sprinkler systems
  - Portland Water Bureau flow test sheets. All systems must be designed using 80% of the normal maximum static pressure.
  - Hydraulic calculations necessary to verify design details.
- 5. Underground systems -
  - All necessary features relating to the scope of the permit application, including fire department connection, back flow prevention, thrust restraints, etc.
- **6.** Any relevant appeal information.

Note: To install sprinkler systems and underground sprinkler water supply piping, the installer is required to have a Certificate of Fitness issued by Portland Fire & Rescue.

For questions, please call 503-823-3712.

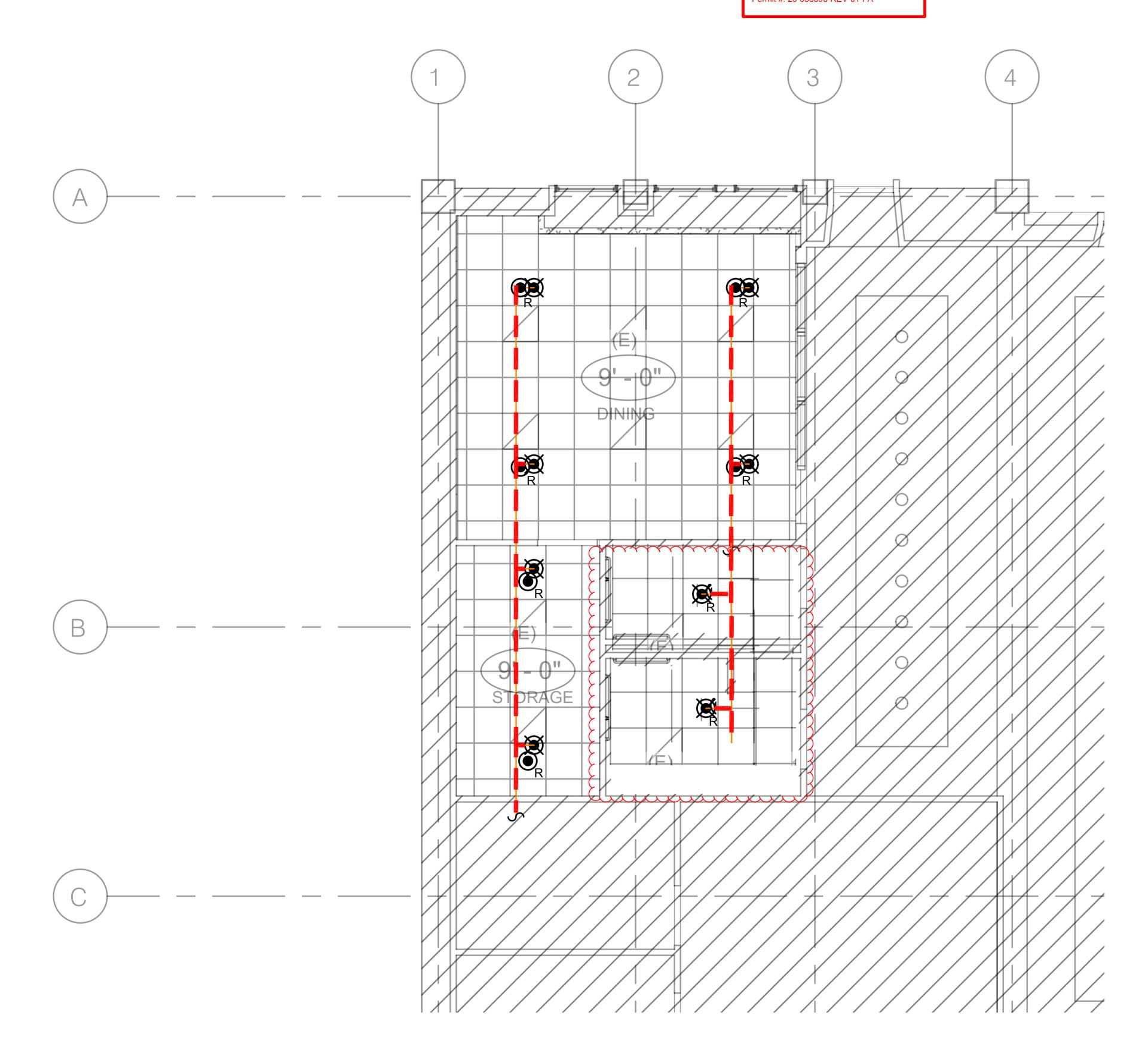
Submit plans to: Facilities Program

**Bureau of Development Services** 1900 SW 4<sup>th</sup> Ave – 3<sup>rd</sup> Floor

Portland, OR 97201

**City Of Portland REVIEWED FOR** CODE COMPLIANCE

Date: 10/16/23 Permit #: 23-055696-REV-01-FA

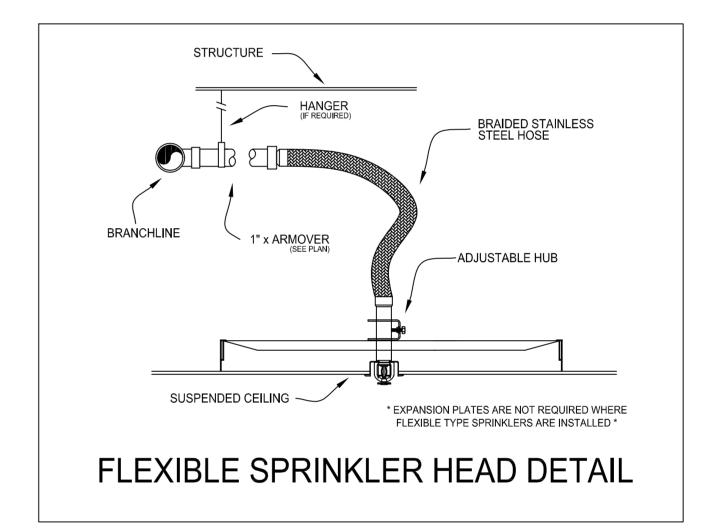


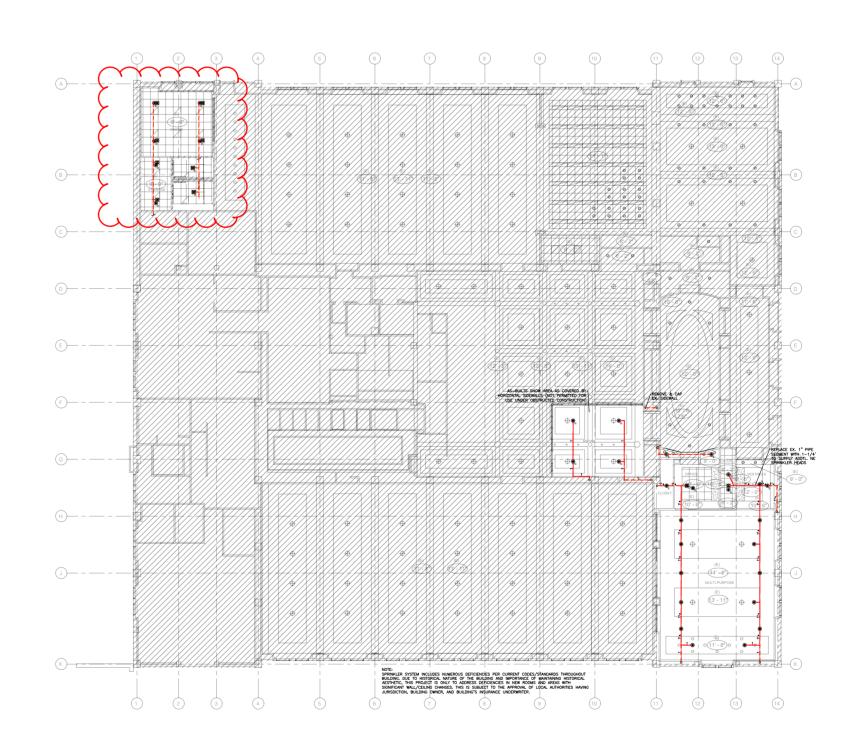
## SCOPE OF WORK

- 1. RELOCATE AND/OR ADD PENDENT FIRE SPRINKLERS TO ACCOMMODATE TENANT IMPROVEMENTS.
- 2. NEW FIRE SPRINKLERS ARE TO MATCH EXISTING FIRE SPRINKLERS, INCLUDING RESPONSE TYPE, K-FACTOR & TEMPERATURE RATING. SEE LEGEND.
- 3. ALL AREAS OUTSIDE SCOPE OF WORK ARE TO REMAIN AS IS AND UNAFFECTED BY TENANT

### GENERAL NOTES

- 1. THE FIRE SPRINKLER SYSTEM SHALL BE HYDRAULICALLY DESIGNED, INSTALLED, HUNG, BRACED AND TESTED IN ACCORDANCE WITH NFPA-13 (2013 EDITION).
- 2. ALL MATERIALS SHALL BE NEW AND U.L. LISTED.
- 3. WHERE SUBJECT TO FREEZING CONDITIONS, IT IS THE OWNERS RESPONSIBILITY TO PROVIDE HEATING ADEQUATE TO PREVENT THE FREEZING OF WATER-FILLED PIPE THROUGHOUT AREAS WHERE WET-PIPE FIRE SPRINKLER SYSTEMS ARE INSTALLED; INCLUDING ENCLOSURES FOR DRY PIPE, PREACTION, AND DELUGE FIRE SPRINKLERS SYSTEMS AND ALL OTHER VALVES CONTROLLING WATER SUPPLIES TO SPRINKLER SYSTEMS.
- 4. THE FIRE PROTECTION CONTRACTOR SHALL NOT BE RESPONSIBLE FOR THE ABILITY OF THE STRUCTURE TO ADEQUATELY SUPPORT THE FIRE SPRINKLER SYSTEM.
- 5. ALL ELECTRICAL, PAINTING OF PIPE, FURRING, CUTTING, OR PATCHING SHALL BE BY OTHERS.
- 6. NEW AND RELOCATED UPRIGHT FIRE SPRINKLER HEADS SHALL BE INSTALLED ON BE ON 1" SCHEDULE 40 ARM-OVERS, PENDENT FIRE SPRINKLER HEADS SHALL BE INSTALLED ON: ( ) 1" SCHEDULE 40 ARM-OVERS
  - (X) 1" FLEXIBLE FIRE SPRINKLER DROPS
- 7. NEW MAINS AND BRANCH LINES SHALL MATCH THE EXISTING PIPE SIZING SCHEDULE WHERE HYDRAULIC CALCULATIONS ARE NOT REQUIRED.
- 8. FIRE SPRINKLER HEADS HAVE BEEN ADDED AND RELOCATED TO ACCOMMODATE TENANT IMPROVEMENTS. AREAS OUTSIDE THE SCOPE OF WORK AND/OR NOT IN CONTRACT SHALL REMAIN AS IS.
- 9. THE OWNER IS RESPONSIBLE FOR THE PERIODIC INSPECTION, TESTING, AND MAINTENANCE OF THESE FIRE SPRINKLER SYSTEMS IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA 25 (LATEST EDITION.) THIS WORK SHALL BE DONE BY QUALIFIED PERSONNEL STARTING AFTER THE WARRANTY PERIOD HAS EXPIRED. THE COMPANY THAT DESIGNED AND INSTALLED THIS SYSTEM IS THE BEST QUALIFIED TO PROVIDE THE ONGOING LONG TERM TESTING, SERVICING, AND MAINTENANCE OF THIS SYSTEM(S).







PORTLAND: 16790 NE MASON STREET SUITE 100 PORTLAND, OR 97230 503-331-0234

www.mckinstry.com

Multnomah County Central Library 1st Floor Amendment

801 SW 10th Ave Portland, OR 97205

CONSULTANTS:

SUES:		
NO	DATE	DESCRIPTION

Fire Protection Rev

FP3 REV