

City of Puyallup

Fire

Reviewed

FOR

COMPLIANCE

DDrake

06/09/2025

6:55:46 AM

CITY OF PUYALLUP

STATE OF WASHINGTON

THE APPROVED CONSTRUCTION PLANS AND ALL ENGINEERING MUST BE POSTED ON THE JOB AT ALL INSPECTIONS IN A VISIBLE AND READILY ACCESSIBLE LOCATION.

Approval of submitted plans is not an approval of omissions or oversight by this office or noncompliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable building codes and regulations of the local government.

City of Puyallup

Development & Permitting Services

ISSUED PERMIT

Building

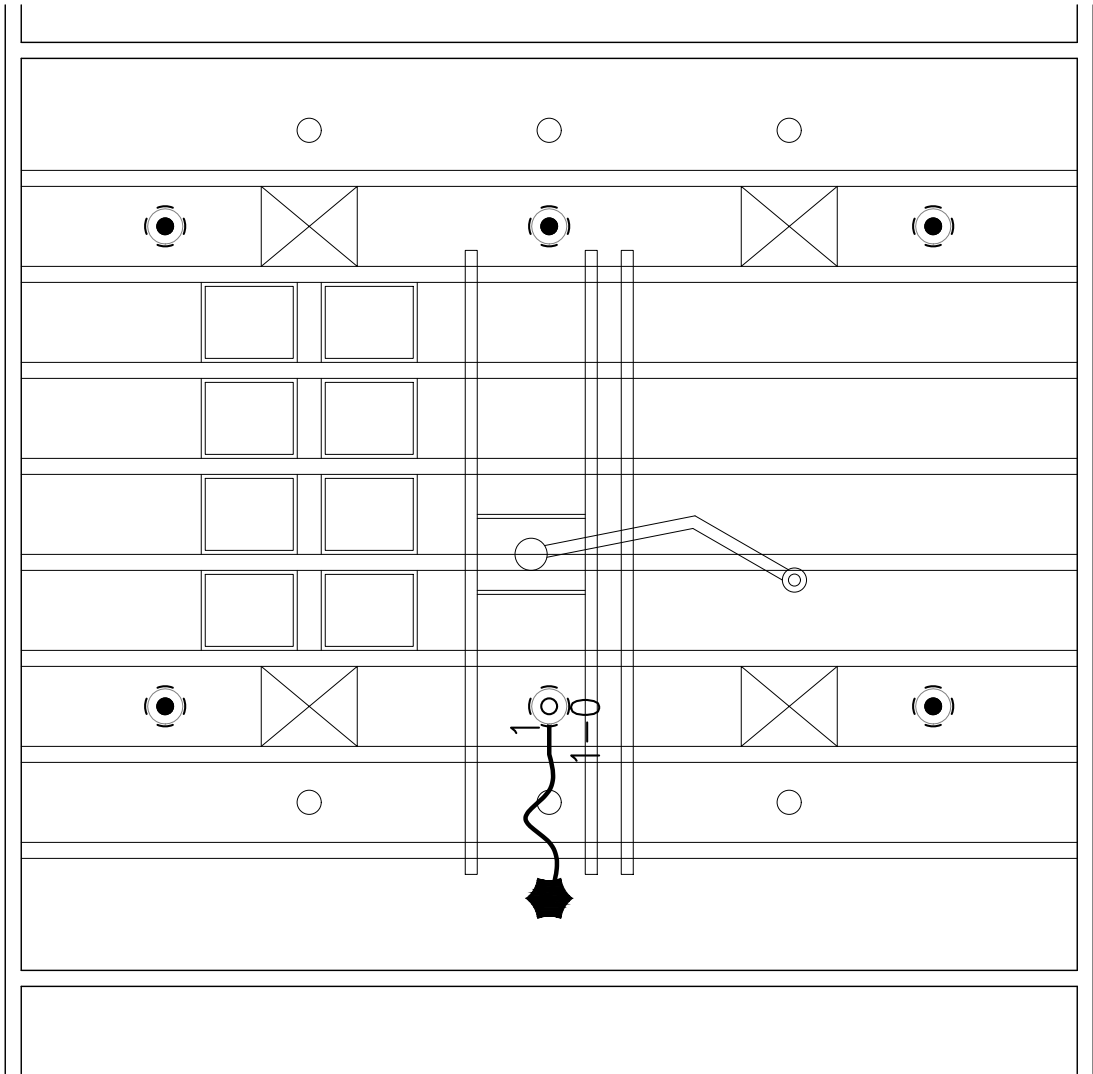
Planning

Engineering

Public Works

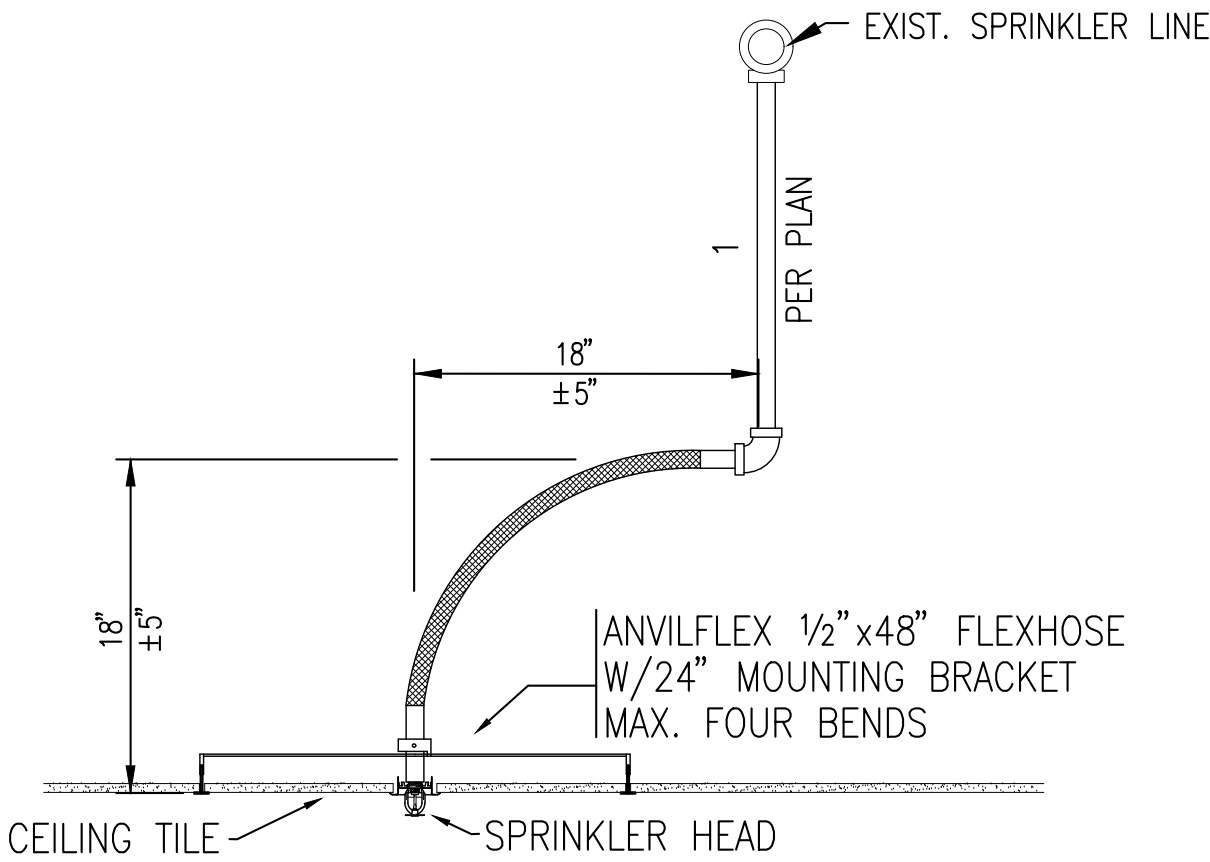
Fire

Traffic



FIRE SPRINKLER PLAN

SCALE: 1/4"=1'-0"



TYP. FLEXIBLE SPRINKLER DETAIL

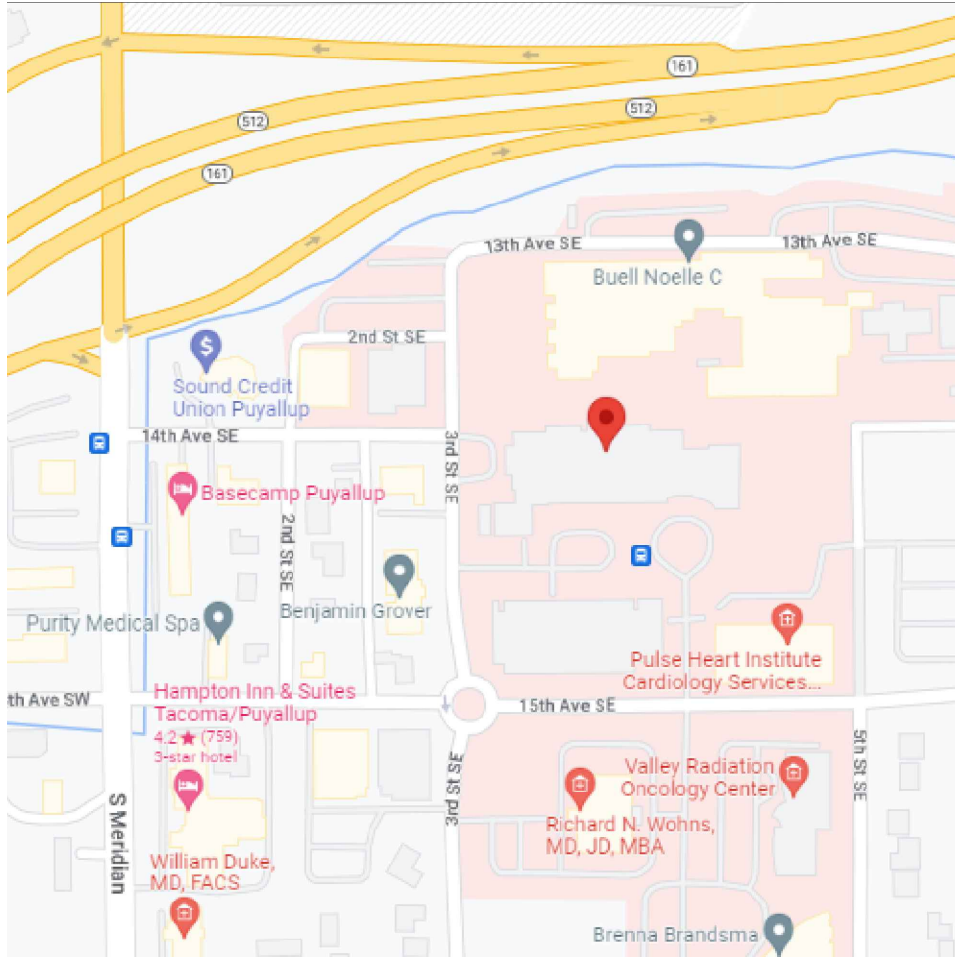
SCALE: NONE

GENERAL NOTES

- DENOTES EXISTING FIRE SPRINKLER PIPING.
- DENOTES NEW FIRE SPRINKLER PIPING.
- ⊕ DENOTES EXISTING PENDENT SPRINKLER TO REMAIN.
- DENOTES EXISTING UPRIGHT SPRINKLER TO REMAIN.
- ⊗ DENOTES EXISTING SPRINKLER TO RELOCATE.

SCOPE OF WORK

- RELOCATE SPRINKLER FOR RAILING OBSTRUCTION.



VICINITY MAP

STATE CERTIFICATION

WASHINGTON STATE

CERTIFICATE OF COMPETENCY

FIRE SPRINKLER SYSTEMS

Matthew Greene

9818-0311-C Level 3

Patriot Fire Protection, Inc.

PATRIFF099CF

6/4/25

2 - WAY EARTHQUAKE BRACE

4 - WAY EARTHQUAKE BRACE

STRUCTURE TO CENTER LINE OF PIPE IN INCHES

TEMP RATING

○ 165°

○ 212°

○ 286°

○ 350°

○ 500°

FITTING LEGEND

P PIPE-O-LET

F PLAIN END FIT FITTING

SN GROOVED SHAPED NIPPLE

TSN THREADED SHAPED NIPPLE

HANGER LEGEND

A "U" HOOK

B COACH SCREW ROD

D BM. CLAMP W/8"STRAP

E EYELET

F HDIP

G CEILING FLANGE

H SIDE BEAM BRACKET

K HDI-P DROP IN ANCHOR

M ALL THREAD ROD

N TOGGLE NUT

P PIPE STAND

R EXPANSION BOLT

S PIPE SPIKE

T

U

V

W

X

Y

Z

SPRINKLER LEGEND

SPRINKLER ORIFICE SIZES AND TYPE

1/2 5/8 3/4 7/8 1 1 1/2

SPRAY

3/4 1 1 1/2

SPRAY

1/2 3/4 7/8 1 1 1/2

SIDEWALL

1" 1 1/2

DRY TYPE

1" 1 1/2

TEMP RATING

○ 165°

○ 212°

○ 286°

○ 350°

○ 500°

SPRINKLER SYMBOL

○ 1/2" 1" 1 1/2" 1"

UPRIGHT

○ 1/2" 1" 1 1/2" 1"

PENDENT

○ 1/2" 1" 1 1/2" 1"

OPENING DOWN

APPROVAL REQUIRED

CITY OF PUYALLUP

SPRINKLER HEADS USED

SYM	MANUF	MODEL	TYPE	THREAD SIZE	ORIFICE SIZE	HEAD FINISH	ESCAUTCH	TEMP	QTY
●	RELIABLE	CS56	OR CONCEALED	1/2"	K=5.6	BRONZE	WHITE	165°	1
TOTAL 1									

QUALITY CONTROL BY _____ DATE _____

APPROVED FOR FABRICATION BY _____ DATE _____

GENERAL NOTES

- ALL MATERIAL AND EQUIPMENT TO BE NEW AND UL LISTED OR FM APPROVED.
- PIPING DIMENSIONS ARE CENTER TO CENTER EXCEPT RISERS AND DIMENSIONS SHOWN THUSLY (1-6) WHICH ARE END TO END.
- EARTHQUAKE BRACING SHALL BE PROVIDED IN ACCORDANCE WITH NFPA PAMPHLET NO. 13, 2019 EDITION.
- PIPE HANGERS AND METHOD OF HANGING TO BE IN ACCORDANCE WITH NFPA PAMPHLET NO. 13, 2019 EDITION.
- PIPING SHALL BE IN ACCORDANCE WITH NFPA PAMPHLET NO. 13, 2019 EDITION.
- JOINING OF PIPE AND FITTINGS, THREADED & WELDED, SHALL BE IN ACCORDANCE WITH NFPA PAMPHLET NO. 13, 2019 EDITION.
- OWNER TO PROVIDE ADEQUATE HEAT IN AREAS PROTECTED BY A WET PIPE SPRINKLER SYSTEM TO PREVENT WATER IN PIPES FROM FREEZING.
- ALL WORKING OF ELECTRICAL DEVICES (IF REQUIRED) TO BE PROVIDED BY OTHERS.
- PAINTING OF PIPE & EQUIPMENT (IF REQUIRED) TO BE PROVIDED BY OTHERS.
- FURRING OF PIPE & EQUIPMENT (IF REQUIRED) TO BE PROVIDED BY OTHERS.

DESIGN CRITERIA

- DESIGN PER NFPA 13 (2019 EDITION).

PIPE NOTES

- ALL THREADED PIPE TO BE SCH. 40 BLK.
- ALL GROOVED PIPE TO BE SCH. 10 BLK.

REVISIONS

NO	DATE	BY	DESCRIPTION

CONTRACT WITH:

SELLEN CONSTRUCTION

PO BOX 9970

SEATTLE, WA 98109

PROJECT NAME:

GSH IR RELOCATE TI

401 15TH AVE SE

PUYALLUP, WA 98372

PATRIOT

FIRE PROTECTION, INC.

2707 70TH AVENUE EAST

TACOMA, WA 98424

TEL: (253) 926-2290

FAX: (253) 922-6150

DESIGNER

MATT GREENE

DATE

6/4/25

JOB NO.

12-24217

SHEET

1 OF 1

FP-1

PATRIFF099CF
WWW.PATRIOTFIRE.COM
mattg@patriotfire.com