

**City of Puyallup
Fire
REVIEWED
FOR
COMPLIANCE**

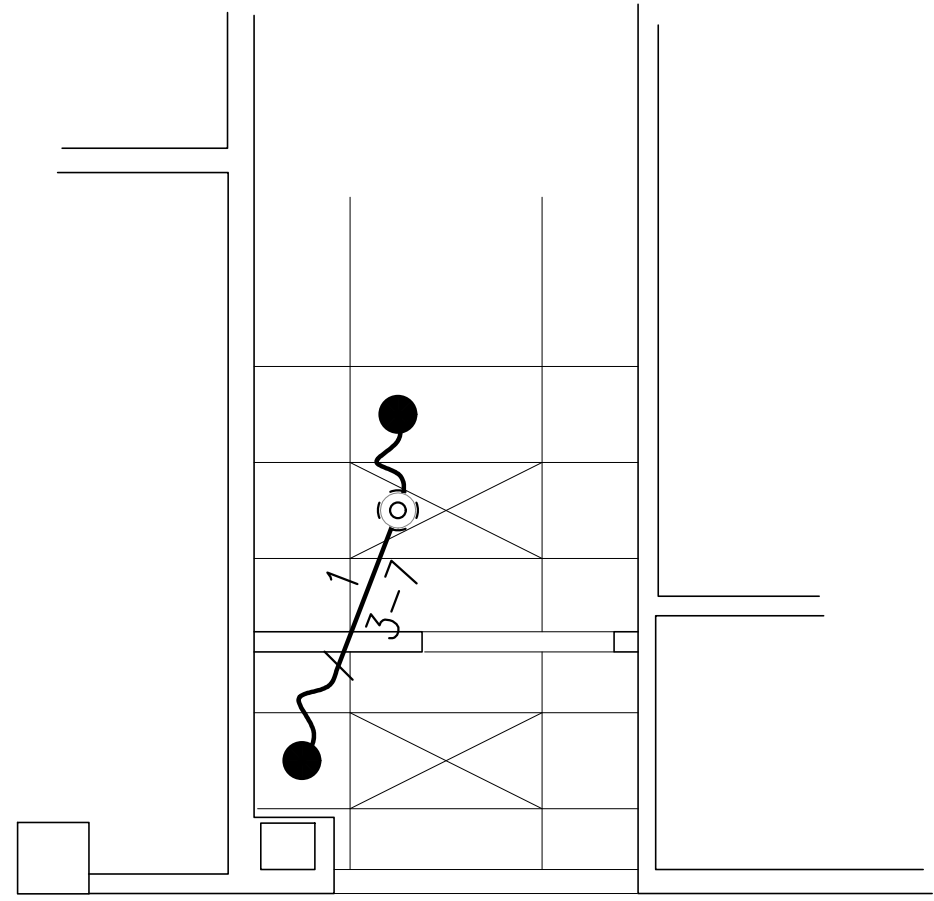
DDrake
04/29/2024
9:55:28 AM



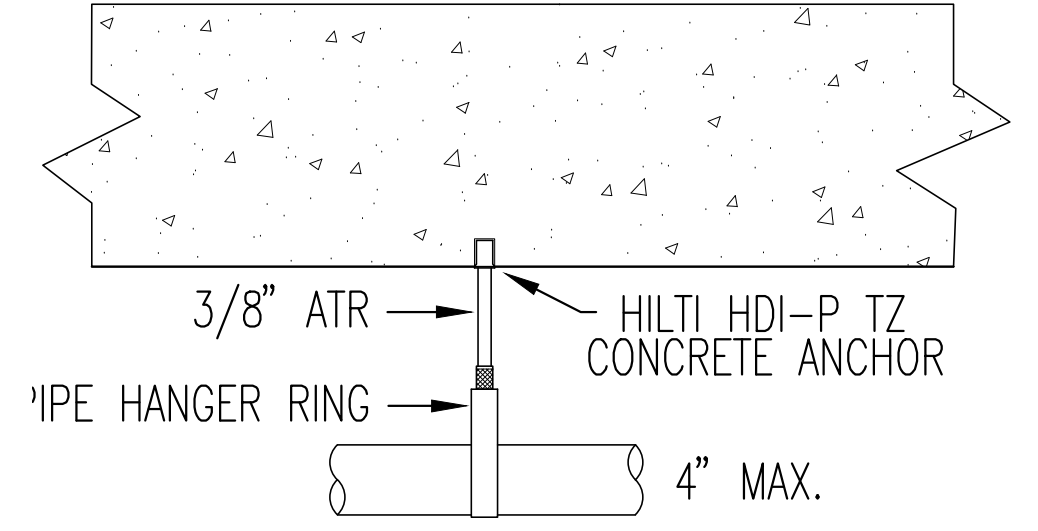
THE APPROVED CONSTRUCTION PLANS AND ALL ENGINEERING MUST BE POSTED ON THE JOB AT ALL INSPECTIONS IN A VISIBLE AND READILY ACCESSIBLE LOCATION.

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.

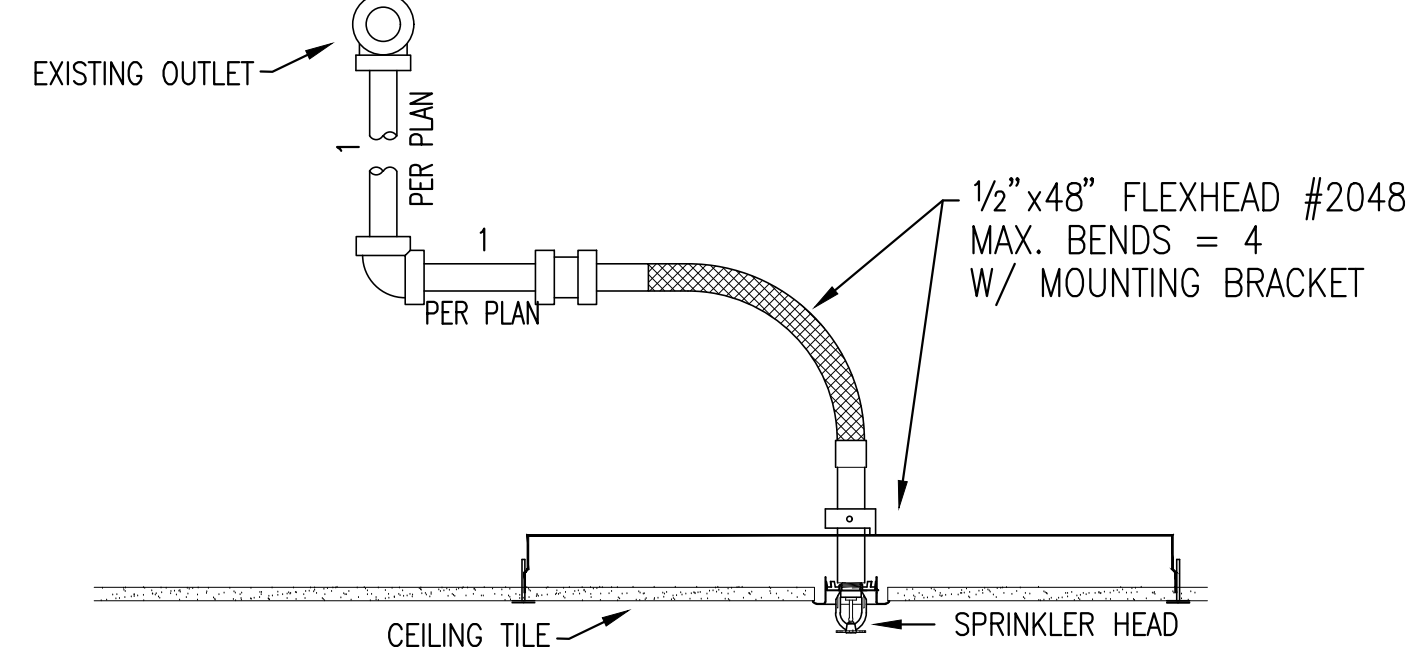
| City of Puyallup Development & Permitting Services ISSUED PERMIT | |
|--|--------------|
| Building | Planning |
| Engineering | Public Works |
| Fire | Traffic |



PARTIAL 2ND FLR FIRE SPRINKLER PLAN
SCALE: 1/4"=1'-0"



TYPICAL HANGER DETAIL
SCALE: NTS



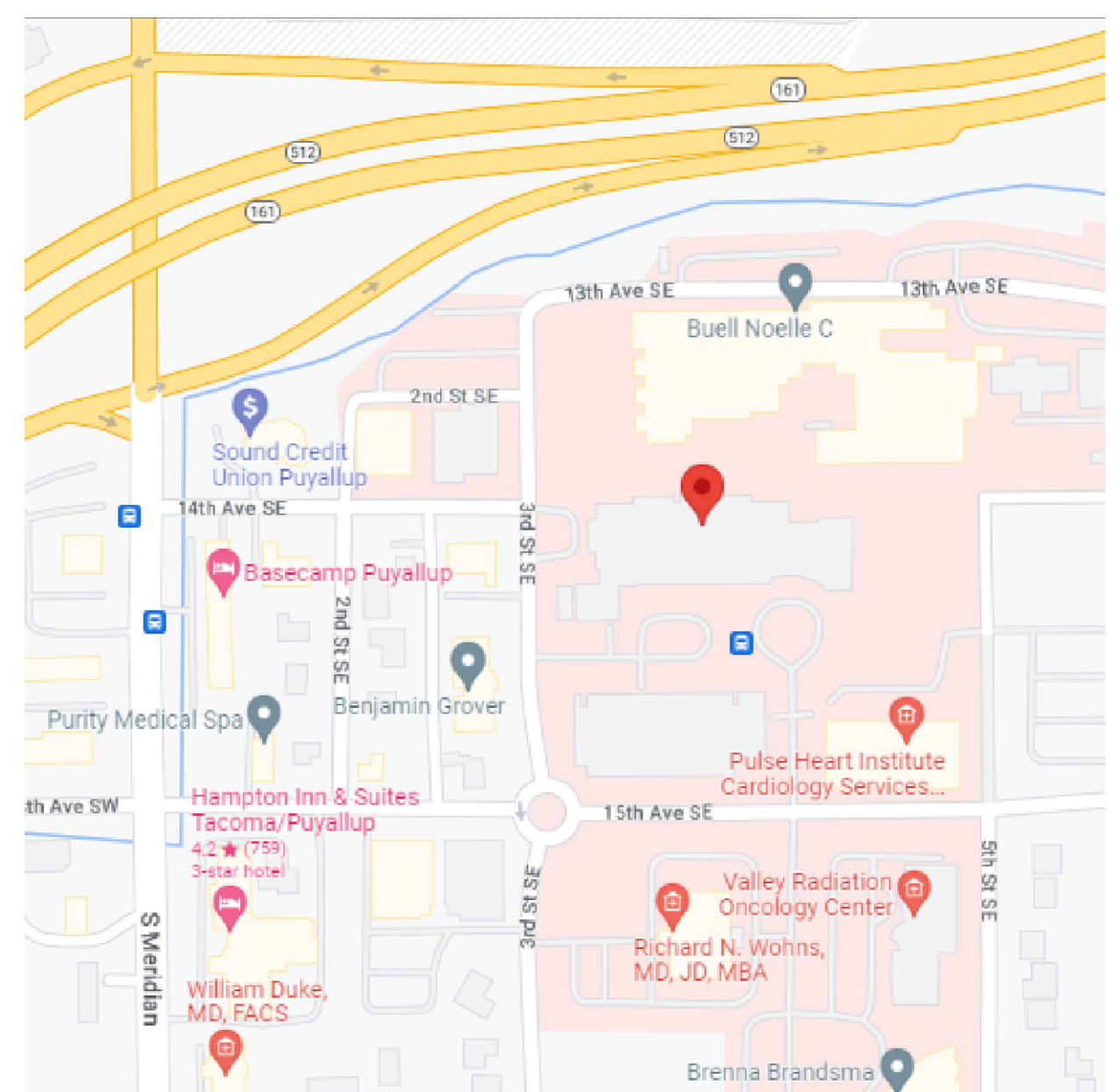
TYPICAL FLEXIBLE SPRINKLER DETAILS
SCALE: N/DNE

SCOPE OF WORK

ADD AND RELOCATE SPRINKLERS FOR NEW TENANT IMPROVEMENT WALL AND CEILING LAYOUT.

GENERAL NOTES

- DENOTES EXISTING FIRE SPRINKLER PIPING.
- DENOTES NEW FIRE SPRINKLER PIPING.
- ⊙ DENOTES EXISTING FIRE SPRINKLER TO MOVE.
- ⊕ DENOTES EXISTING FIRE SPRINKLER PENDENT TO REMAIN.



VICINITY MAP
SCALE: NTS

HANGER LEGEND

| | |
|---|---------------------|
| A | "U" HOOK |
| B | COACH SCREW ROD |
| D | BM. CLAMP W/ "STRAP |
| E | EYELET |
| F | FLUSH SHELL |
| G | CEILING FLANGE |
| H | SIDE BEAM BRACKET |
| K | SHORT CLIP |
| M | ALL THREAD ROD |
| N | TOGGLE NUT |
| P | POWDER DRIVEN STUD |
| R | EXPANSION BOLT |
| S | PIPE SPIKE |
| T | TRUSS EYELET |
| U | |
| V | |
| W | |
| X | |
| Y | |
| Z | |

| STATE CERTIFICATION | SPRINKLER LEGEND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-----------------|----------------------------------|--------------|-------------|--------|-------------|-------|-------|------|--------|-------|-------|-------|-------|------|-------|-------|--|-------------------|------------------|------|------|-------|-------|--------|------|------|------|-------|-------|----|------|----|----------|-------|-------|
| | <table border="1"> <tr> <th>SPRINKER THROTS</th> <th>SPRINKLER ORIFICE SIZES AND TYPE</th> <th>ORIFICE SIZE</th> <th>TEMP RATING</th> <th>SYMBOL</th> <th>TEMP RATING</th> </tr> <tr> <td>1/2"</td> <td>5/16"</td> <td>3/8"</td> <td>7 1/2"</td> <td>SPRAY</td> <td>155°F</td> </tr> <tr> <td>3/4"</td> <td>3/8"</td> <td>1/2"</td> <td>SPRAY</td> <td>155°F</td> <td>155°F</td> </tr> <tr> <td>1"</td> <td>3/8"</td> <td>7/8"</td> <td>1/2"</td> <td>SPRAY</td> <td>155°F</td> </tr> <tr> <td>1 1/2"</td> <td>3/8"</td> <td>7/8"</td> <td>1/2"</td> <td>SPRAY</td> <td>155°F</td> </tr> <tr> <td>1"</td> <td>1/2"</td> <td>1"</td> <td>DRY TYPE</td> <td>155°F</td> <td>155°F</td> </tr> </table> | SPRINKER THROTS | SPRINKLER ORIFICE SIZES AND TYPE | ORIFICE SIZE | TEMP RATING | SYMBOL | TEMP RATING | 1/2" | 5/16" | 3/8" | 7 1/2" | SPRAY | 155°F | 3/4" | 3/8" | 1/2" | SPRAY | 155°F | 155°F | 1" | 3/8" | 7/8" | 1/2" | SPRAY | 155°F | 1 1/2" | 3/8" | 7/8" | 1/2" | SPRAY | 155°F | 1" | 1/2" | 1" | DRY TYPE | 155°F | 155°F |
| SPRINKER THROTS | SPRINKLER ORIFICE SIZES AND TYPE | ORIFICE SIZE | TEMP RATING | SYMBOL | TEMP RATING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/2" | 5/16" | 3/8" | 7 1/2" | SPRAY | 155°F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3/4" | 3/8" | 1/2" | SPRAY | 155°F | 155°F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1" | 3/8" | 7/8" | 1/2" | SPRAY | 155°F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 1/2" | 3/8" | 7/8" | 1/2" | SPRAY | 155°F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1" | 1/2" | 1" | DRY TYPE | 155°F | 155°F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <th>TEMP RATING</th> <th>SYMBOL</th> <th>TEMP RATING</th> </tr> <tr> <td>165°</td> <td>155°F</td> <td>155°F</td> </tr> <tr> <td>212°</td> <td>155°F</td> <td>155°F</td> </tr> <tr> <td>286°</td> <td>155°F</td> <td>155°F</td> </tr> <tr> <td>350°</td> <td>155°F</td> <td>155°F</td> </tr> <tr> <td>500°</td> <td>155°F</td> <td>155°F</td> </tr> </table> | TEMP RATING | SYMBOL | TEMP RATING | 165° | 155°F | 155°F | 212° | 155°F | 155°F | 286° | 155°F | 155°F | 350° | 155°F | 155°F | 500° | 155°F | 155°F | <table border="1"> <tr> <th>APPROVAL REQUIRED</th> </tr> <tr> <td>CITY OF PUYALLUP</td> </tr> </table> | APPROVAL REQUIRED | CITY OF PUYALLUP | | | | | | | | | | | | | | | | |
| TEMP RATING | SYMBOL | TEMP RATING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 165° | 155°F | 155°F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 212° | 155°F | 155°F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 286° | 155°F | 155°F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 350° | 155°F | 155°F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 500° | 155°F | 155°F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APPROVAL REQUIRED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CITY OF PUYALLUP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

SPRINKLER HEADS USED

| SYM | MANUF | MODEL | TYPE | THREAD SIZE | ORIFICE SIZE | HEAD FINISH | ESCUTCH FINISH | TEMP | QTY |
|-----|--------|--------|-------------|-------------|--------------|-------------|----------------|------|-------|
| ● | RELWAL | F17R56 | OR RECESSED | 1/2" | K=5.6 | WHITE | WHITE | 155F | 2 |
| | | | | | | | | | TOTAL |
| | | | | | | | | | 2 |

| | |
|-----------------------------|------|
| QUALITY CONTROL BY | DATE |
| APPROVED FOR FABRICATION BY | DATE |

GENERAL NOTES

- ALL MATERIAL AND EQUIPMENT TO BE NEW AND 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, APPLICABLE EDITION.
- PIPE HANGERS AND METHOD OF HANGING TO BE IN ACCORDANCE WITH NFPA PAMPHLET NO. 13, APPLICABLE EDITION.
- PIPING SHALL BE IN ACCORDANCE WITH NFPA PAMPHLET NO. 13, APPLICABLE EDITION.
- JOINING OF PIPE AND FITTINGS, THREADED & WELDED, SHALL BE IN ACCORDANCE WITH NFPA PAMPHLET NO. 13, APPLICABLE EDITION.
- OWNER TO PROVIDE ADEQUATE HEAT IN AREAS PROTECTED BY A WET PIPE SPRINKLER SYSTEM TO PREVENT WATER IN PIPES FROM FREEZING.
- ALL WIRING 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 - LIGHT HAZARD OFFICE.

PIPE NOTES

- ALL NEW THREADED PIPE TO BE SCH 40 - BLACK.
- ALL NEW WELDED PIPE TO BE SCH 10 - BLACK.

REVISIONS

| NO | DATE | BY | DESCRIPTION |
|----|------|----|-------------|
| | | | |
| | | | |

CONTRACT WITH:
HOWARD S WRIGHT
415 1ST AVE N #400
SEATTLE, WA 98109

PROJECT NAME:
GSH OBS DOOR RELO TI
401 15TH AVE SE
PUYALLUP, WA 98372

PATRIOT FIRE PROTECTION, INC.
2707 70TH AVE E
TACOMA, WA 98424
TEL: (253) 926-2290
FAX: (253) 922-6150
WWW.PATRIOTFIRE.COM
Travis.Nichols@patriotfire.com

| | | | |
|----------|-------------|--------|-------------|
| DESIGNER | MATT GREENE | SHEET | FP-1 |
| DATE | 4/2/24 | 1 OF 1 | |
| JOB NO. | 12-23656 | | |