

39' O.C.

41' O.C.

45' O.C.

 $\times$  LR = LINE RESTRAINT LOCATION

(INSTALL WITHIN 6" OF A VERTICAL

HANGER THAT LIMITS UPWARD MOVEMENT)

ATR PER PLAN LENGTH x 1.4 I.E. 12D = LR 17D LENGTH TO BE FIELD CTS

• 6½"-21" BOD, USE ONE 3/8" ROD

• 211/2"-29" BOD, USE ONE 1/2" ROD

• OVER 29" BOD, USE TWO 3/8" RODS

UP TO 30" LONG

UP TO 40" LONG

SCALE: NONE

-TOLCO FIG. 77

-BRANCHLINE PER PLAN

TYP. END OF LINE RESTRAINT DETAIL

1 1/4

1 1/2

**KEY PLAN** SCALE: NONE River's Edge Lavender Farm Linden Lane Apartment Homes E Main Ave 5th Ave SE 7th Ave SE MEEKER Cascade Christian Schools - Junior High... Shaw Ro

**VICINITY MAP** 

Engineering Public Works

12 + 0

**MEZANINE SECTION VIEW** 

**GENERAL NOTES** 

SCOPE OF WORK

——— DENOTES NEW FIRE SPRINKLER PIPING. DENOTES EXISTING ESFR FIRE SPRINKLER TO REMAIN.

SCALE: NONE

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 PIPE SPIKE SPRINKLER LEGEND STATE CERTIFICATION SPRINKLER ORIFICE SIZES AND TYPE Matthew Greene 9819-0311-C Level 3 Patriot Fire Protection, Inc. PATRIFP099CF Natitha Vicena 11/4/24
Signature Date 2 - WAY EARTHQUAKE BRACE TEMP RATING 4 - WAY EARTHQUAKE BRACE FITTING LEGEND 286 ° PIPE-O-LET **350 ⁰** SN GROOVED SHAPED NIPPLE **€** 500 ° TSN THREADED SHAPED NIPPLE APPROVAL REQUIRED ADN ADJUSTABLE DROP NIPPLE CITY OF PUYALLUP FLG FLANGE RC REDUCING COUPLING SPRINKLER HEAD LEGEND HEAD THREAD K HEAD ESCUTCH TEMP M MANUF. MODEL SIN W2 1/2" K=5.6 BRONZE N/A 155'F QUALITY CONTROL BY DATE APPROVED FOR FABRICATION BY DATE GENERAL NOTES ALL MATERIAL AND EQUIPMENT TO BE NEW AND UL LISTED OR FM APPROVED. PIPE DIMENSIONS ARE CENTER TO CENTER EXCEPT RISERS & DIMENSIONS SHOWN THUSLY (X-X) 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 WIRING OF ELECTRICAL DEVICES (IF REQUIRED) TO BE PROVIDED . PAINTING OF PIPE & EQUIPMENT (IF REQUIRED) TO BE PROVIDED BY OTHERS. O. FURRING OF PIPE & EQUIPMENT (IF REQUIRED) TO BE PROVIDED DESIGN CRITERIA DESIGNED TO NFPA #13 2019 EDITION.

HANGER LEGEND

D BM. CLAMP W/ "STRAF

B COACH SCREW ROD

4 "U" HOOK

PIPE NOTES
ALL THREADED PIPE TO BE SCH.40 BLK.
ALL WELDED/GROOVED PIPE TO BE SCH.10 BLK.

REVISIONS DESCRIPTION 11/04/24 JH REVISED DESIGN CRITERIA

CONTRACT WITH: RED DOT CORPORATION 495 ANDOVER PARK EAST, TUKWILA, WA 98188

RED DOT MEZZANINE TI

2504 EAST MAIN AVE, PUYALLUP, WA 98372



JOB NO.

WWW.PATRIOTFIRE.COM jared.heit@patriotfire.com

PATRIFP099CF

TEL: (253) 926-2290 FAX: (253) 922-6150 SHEET

TACOMA, WA 98424 DESIGNER JARED HEIT FP-1 10/10/24 12-23893

(LONGITUDINAL)

SCALE: NONE

SCH. 40 PIPE \UP TO 7'-0" LONG SPRINKLER MAIN - AFCON FIGURE AF035 AFCON FIGURE AF700 → SWAY BRACE ATTACHMENT SWIVEL SWAY BRACE (LATERAL) W/AFCON AF730 SEISMIC CLAMP

TYP. EQBR DETAIL