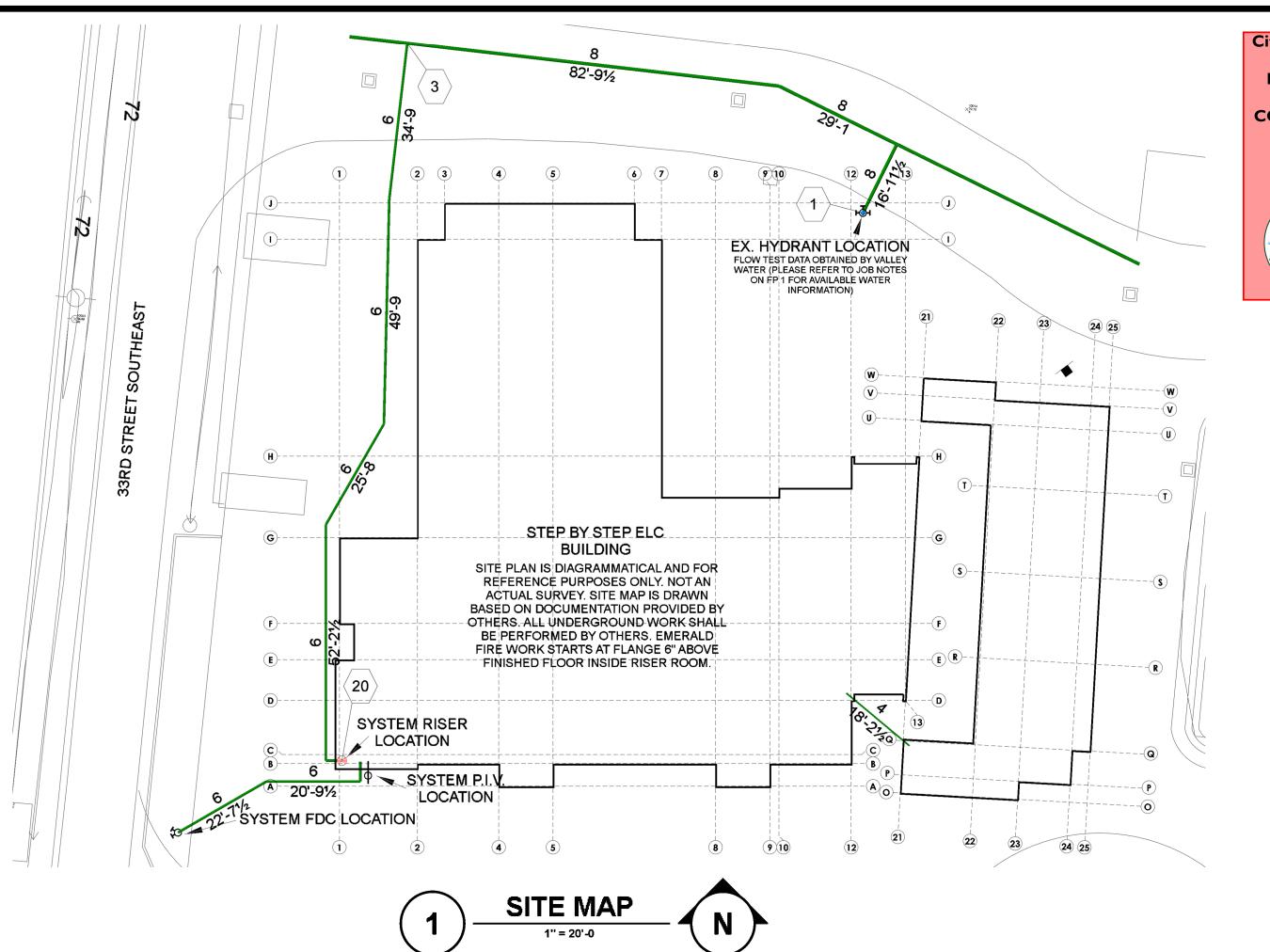
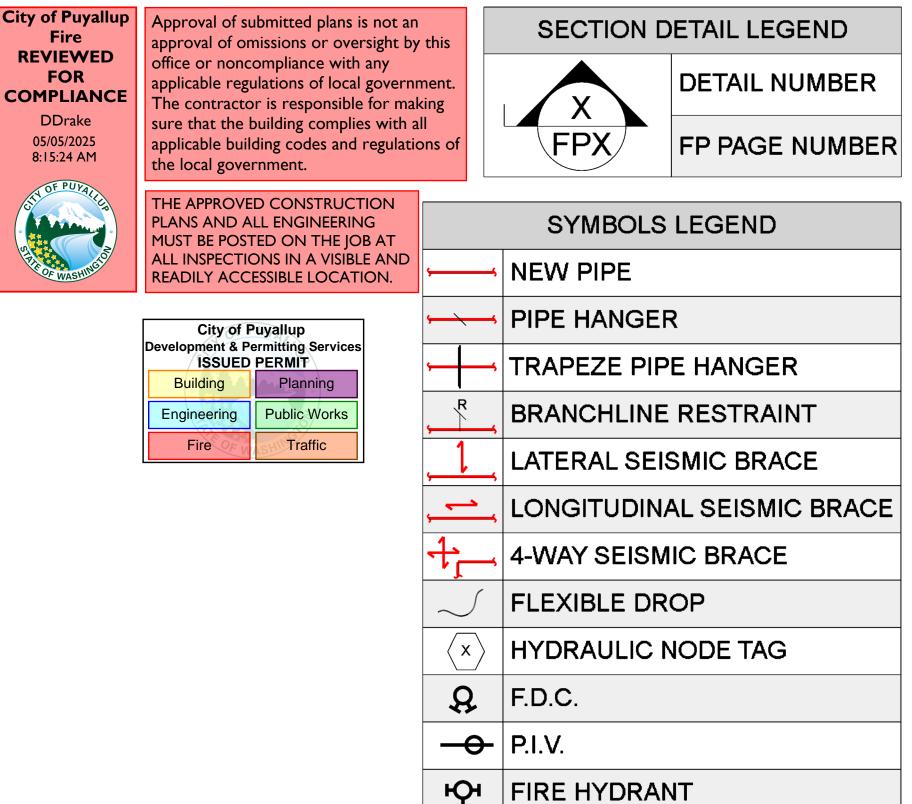
## STEP BY STEP - EARLY LEARNING CENTER







M	MAXIMUM DISTANCE BETWEEN HANGERS (FT-IN)						
PIPE TYPE		SPACING TABLE (BY SIZE)					
STEEL	1"	11⁄4"	1½"	2"	2½"	3"	4"
SILLL	12'-0	12'-0	15'-0	15'-0	15'-0	15'-0	15'-0
	REF	ERENCE	NFPA 13	TABLE 17	7.4.2.1(a)		

RISER LOCATION

CONSTRUCTION NOTES

1. ALL WORK PER NFPA 13 2019 STANDARDS.

2. EMERALD FIRE TO DESIGN AND INSTALL NEW FIRE SPRINKLER SYSTEM TO PROTECT NEW STEP BY STEP EARLY LEARNING CENTER BUILDING.

3. UPRIGHT SPRINKLERS SHALL NOT EXCEED 225 SQ. FT. SPACING IN ALL LIGHT HAZARD AREAS.

4. UPRIGHT SPRINKLERS SHALL NOT EXCEED 130 SQ. FT. SPACING FOR ALL ORDINARY HAZARD AREAS.

5. PENDENT SPRINKLERS SHALL NOT EXCEED 225 SQ. FT. SPACING IN ALL LIGHT HAZARD AREAS.

6. ALL GROOVED PIPING SHALL BE SCHEDULE 10 BLACK STEEL AND ALL THREADED PIPING SHALL BE SCHEDULE 40 BLACK STEEL.

7. UPRIGHT SPRINKLERS IN PRESCHOOL MULTIPURPOSE ROOM SHALL HAVE HEAD GUARDS AS PER CUSTOMER SPECIFICATION.

8. DUE TO THE NATURE OF THE PROJECT, EMERALD FIRE TO HAVE ONE RISER WITH SYSTEM CONTROLS LOCATED IN RISER ROOM, AND SHALL SUPPLY SECOND BUILDING BY GOING UNDERGROUND AT EDGE OF FIRST BUILDING, ROUTING UNDERGROUND, THEN BACK UP WITHIN ENVELOPE OF SECOND BUILDING. SYSTEM TO HAVE AUXILIARY DRAINS ON PIPE GOING UNDERGROUND AND PIPE COMING UP IN SECOND BUILDING.

9. DUE TO THE NATURE OF THE PROJECTS STRUCTURE, BRANCHLINES IN TODDLER AND INFANT CLASSROOMS RUN DOWN THE ROOF SLOPES. DUE TO THE GALLONS OF TRAPPED WATER NOT EXCEEDING 5 GALLONS, THE BRANCHLINES DO NOT REQUIRE AUXILIARY DRAINS.

10. EMERALD FIRE TO INSTALL SIDEWALL SPRINKLERS IN SUCH A WAY AS TO SPRAY UNDERNEATH GARAGE DOORS WHEN FULLY RETRACTED.

11. ALL TESTING AND INSPECTIONS PER NFPA 13 2019.

## **ABBREVIATION LEGEND:**

B.L. - BRANCHLINE
B.O.R. - BASE OF RISER
CLNG - CEILING
F.F. - FINISHED FLOOR
G.P.M. - GALLONS PER MINUTE
P.S.I. - POUNDS PER SQUARE INCH
R.R. - RESTROOM
SQ.FT. - SQUARE FEET

## FP PAGE LEGEND:

**WATER FLOW** 

FP1 - COVER PAGE, NOTES, SITE PLAN, ETC.

FP2 - SECTIONS, DETAILS, ETC.

FP3 - FP PLAN

DESIGN AREA SQUARE FOOTAGES:

EARLY LEARNING CENTER BUILDING AREA - 12906 SQ. FT.

WATER SUPPLY INFORMATION (OBTAINED BY VALLEY WATER DISTRICT):

- 2000.00 GPM

REMOTE AREA SQUARE FOOTAGES:

INFANT CLASSROOM AREA - 1083 SQ. FT.

-STATIC PRESSURE - 80.00 PSI RESIDUAL PRESSURE - 20.00 PSI

Farm 12 Restaurant

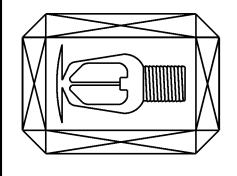
Wan Lierop Park

Pioneer Ny &

Feeting Trans



ERALD FIRE
RINKLER SPECIALISTS
URNHAM DRIVE, SUITE 200
RBOR, WA 98332
7 - 2056



O" 1" 2'
SHEET SIZE IS TRUE
SCALE WHEN ABOVE
LINE MEASURES AS

3

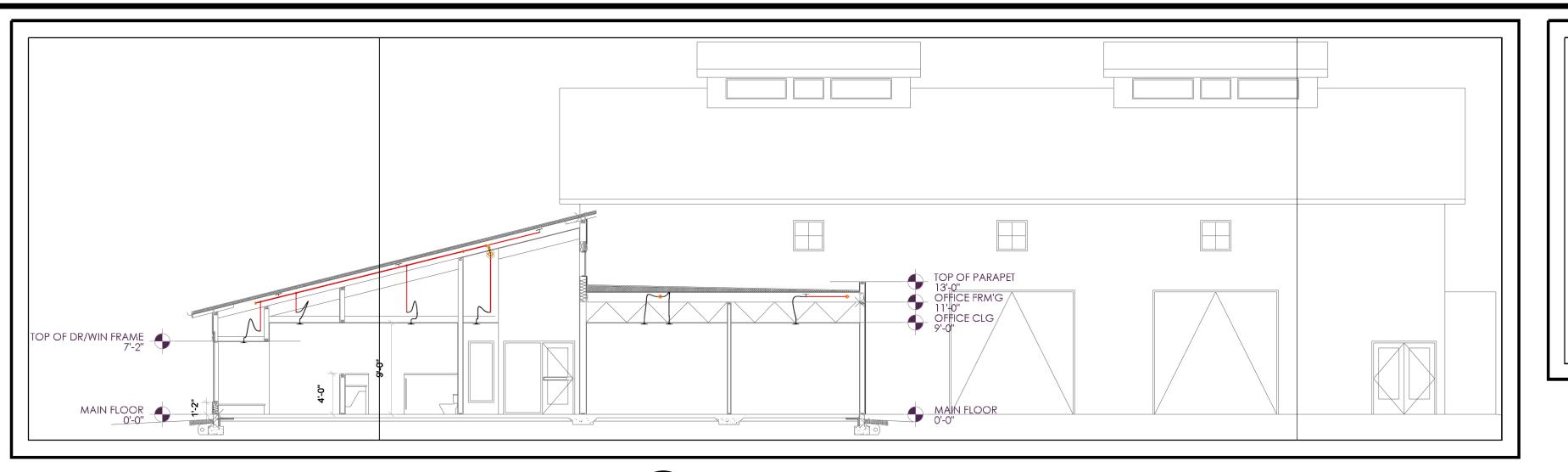
BY STEP ELC - PUYALLUP FP PLAI 3303 8TH AVE SE, PUYALLUP, WA 98372 BUILDING E

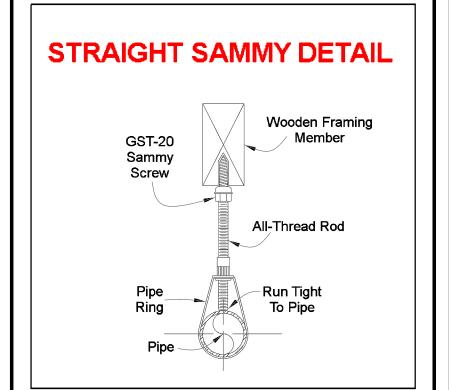
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CS/WH

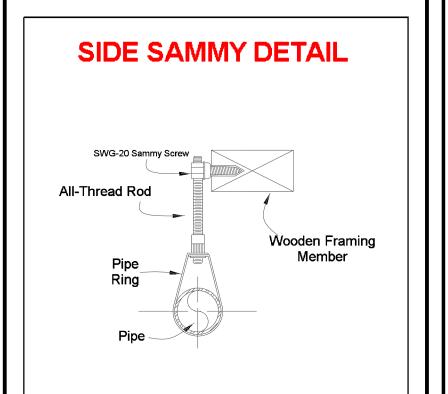
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B#: 225002

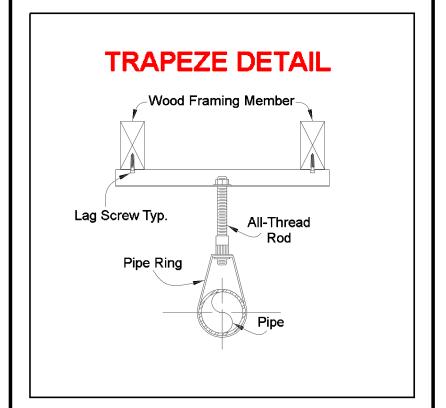
SHEET NO:





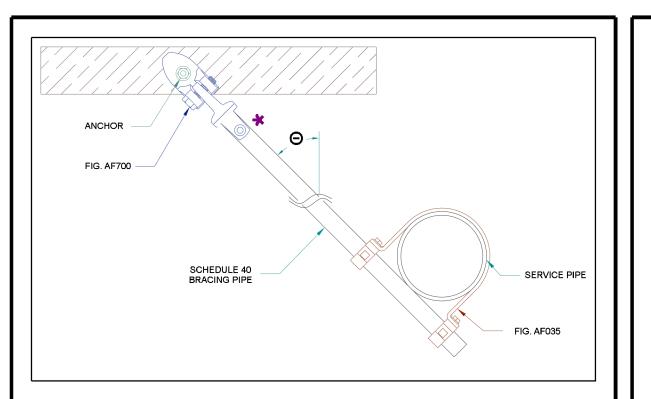


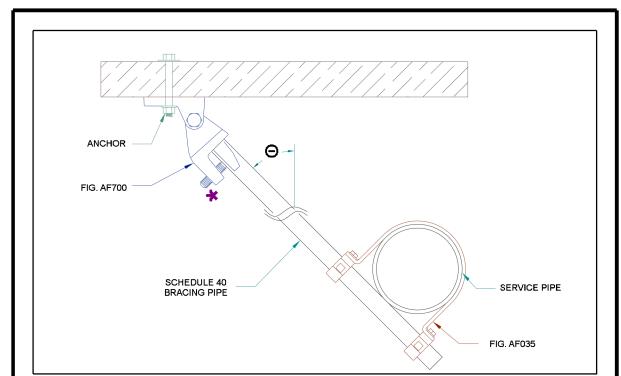


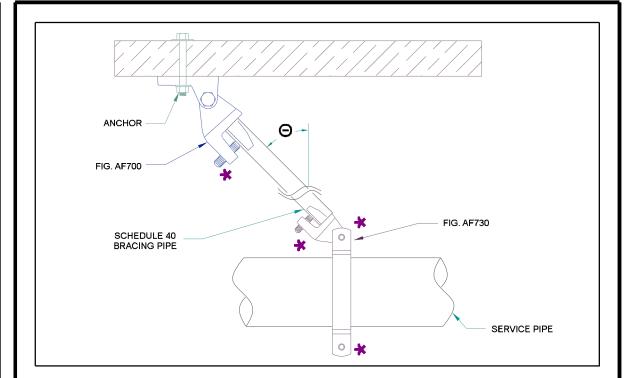


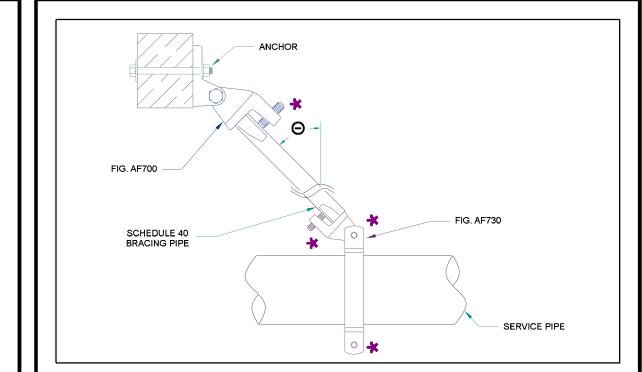
HANGER DETAILS

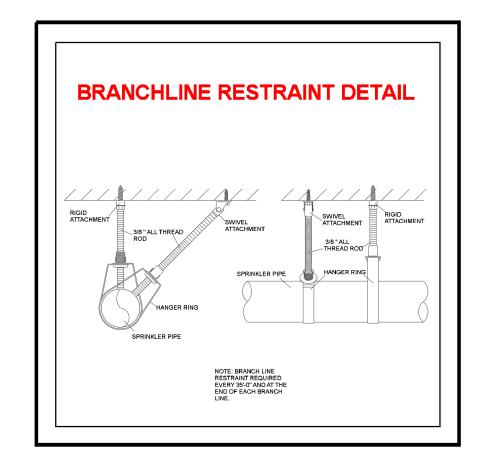






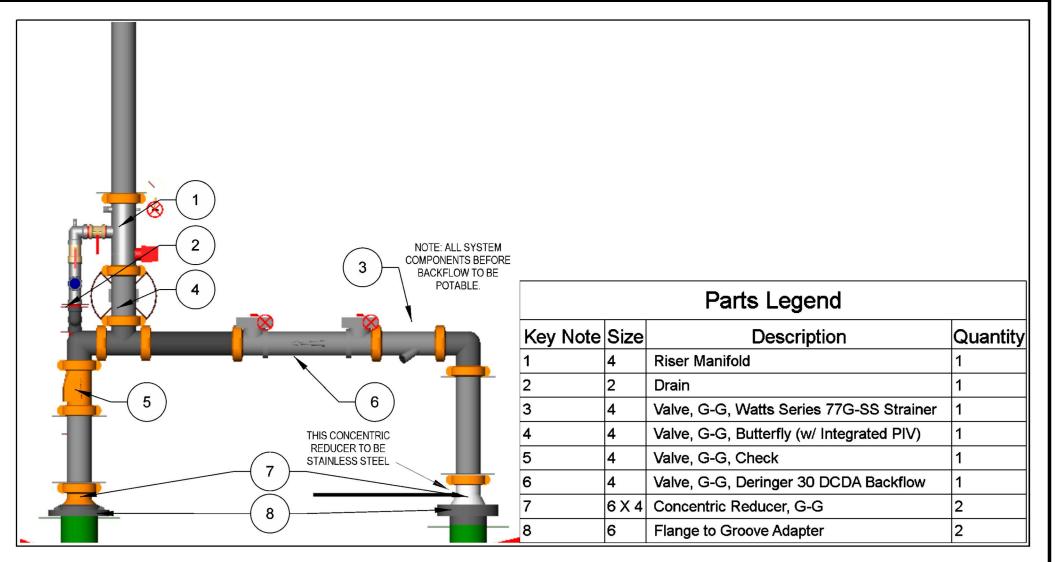


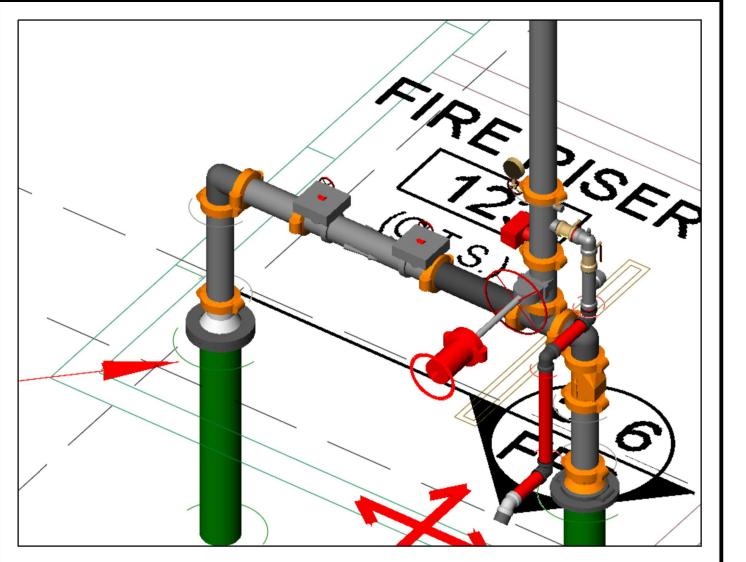


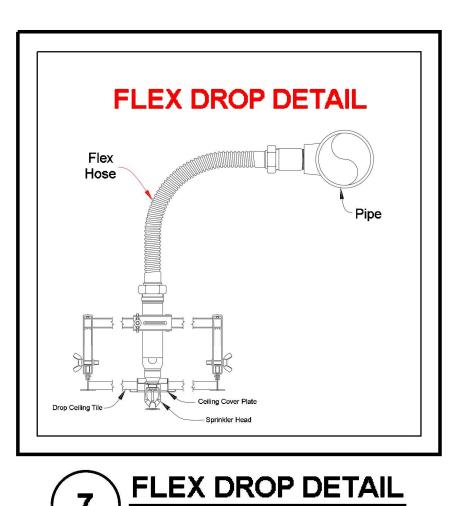


**BRANCHLINE RESTRAINT DETAIL** 

**SEISMIC BRACING DETAIL** 







RISER DETAIL RISER ISOMETRIC

	Puyallup ermitting Services PERMIT
Building	Planning
Engineering	Public Works
Fire OF W	SHITraffic

