

SPRINKLER PLAN  
SCALE 1/4"=1'-0"

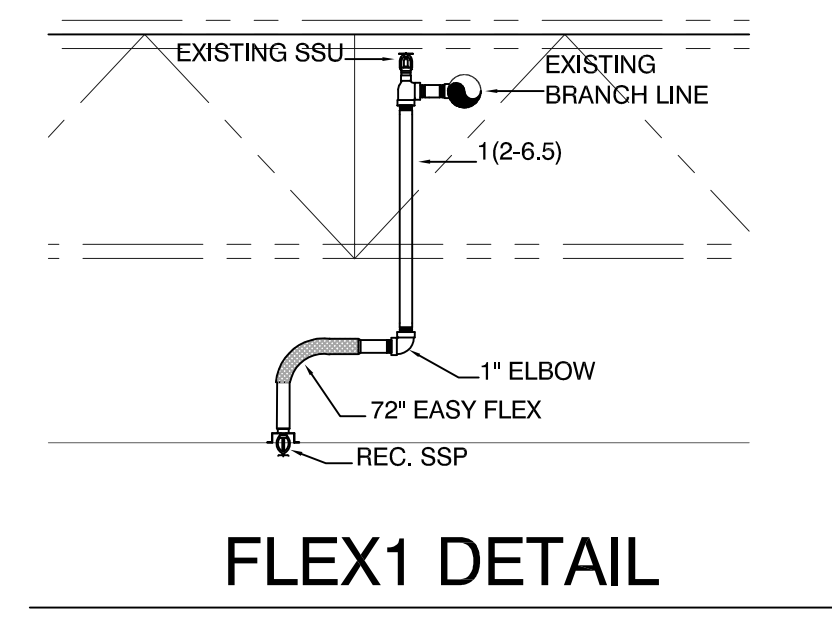
**City of Puyallup**  
Fire  
**REVIEWED FOR COMPLIANCE**  
DDrake  
04/20/2022  
1:01:07 PM

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.

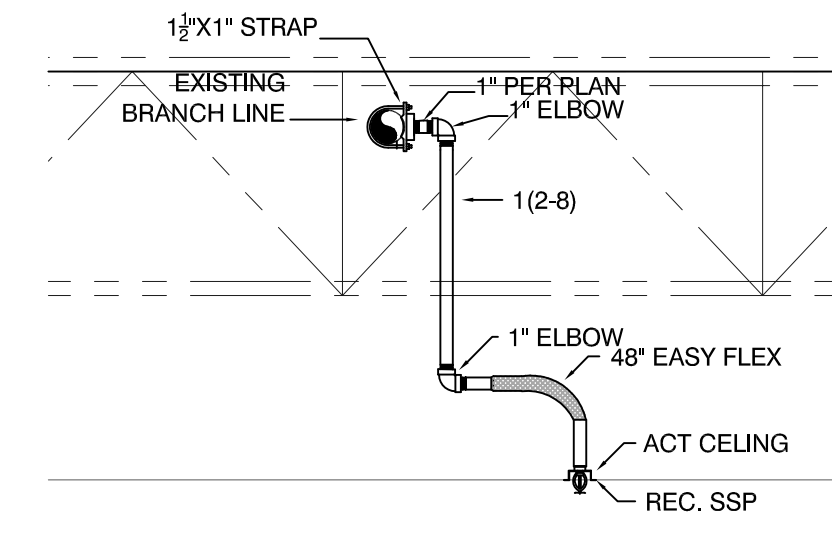
THE APPROVED CONSTRUCTION PLANS AND ALL ENGINEERING MUST BE POSTED ON THE JOB AT ALL INSPECTIONS IN A VISIBLE AND READILY ACCESSIBLE LOCATION.

**City of Puyallup**  
Development & Permitting Services  
**ISSUED PERMIT**

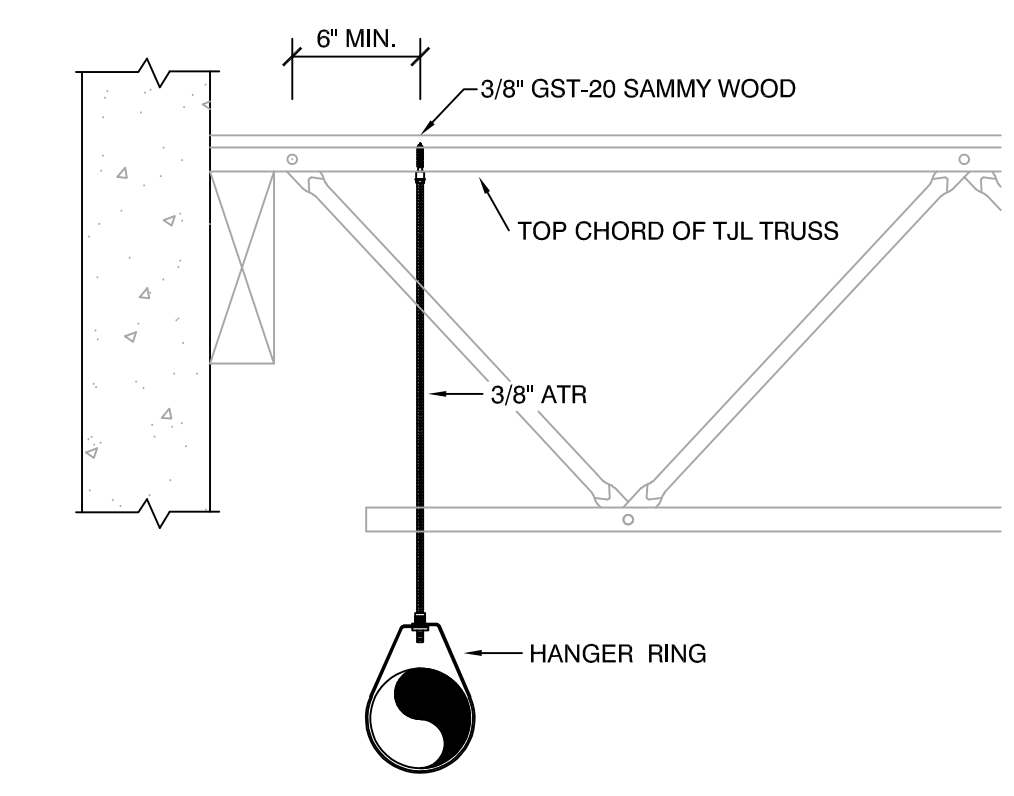
Building	Planning
Engineering	Public Works
Fire	Traffic



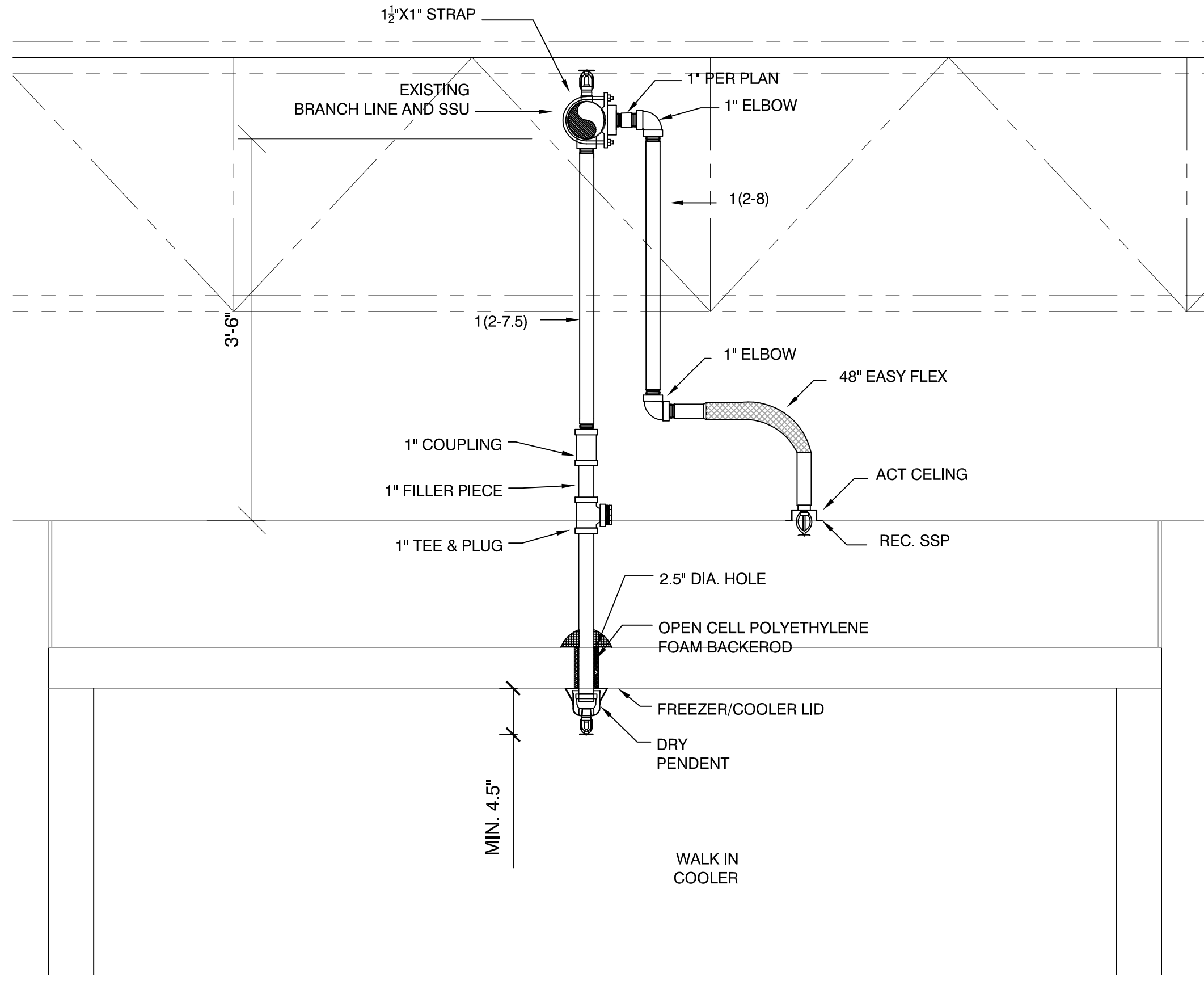
FLEX1 DETAIL



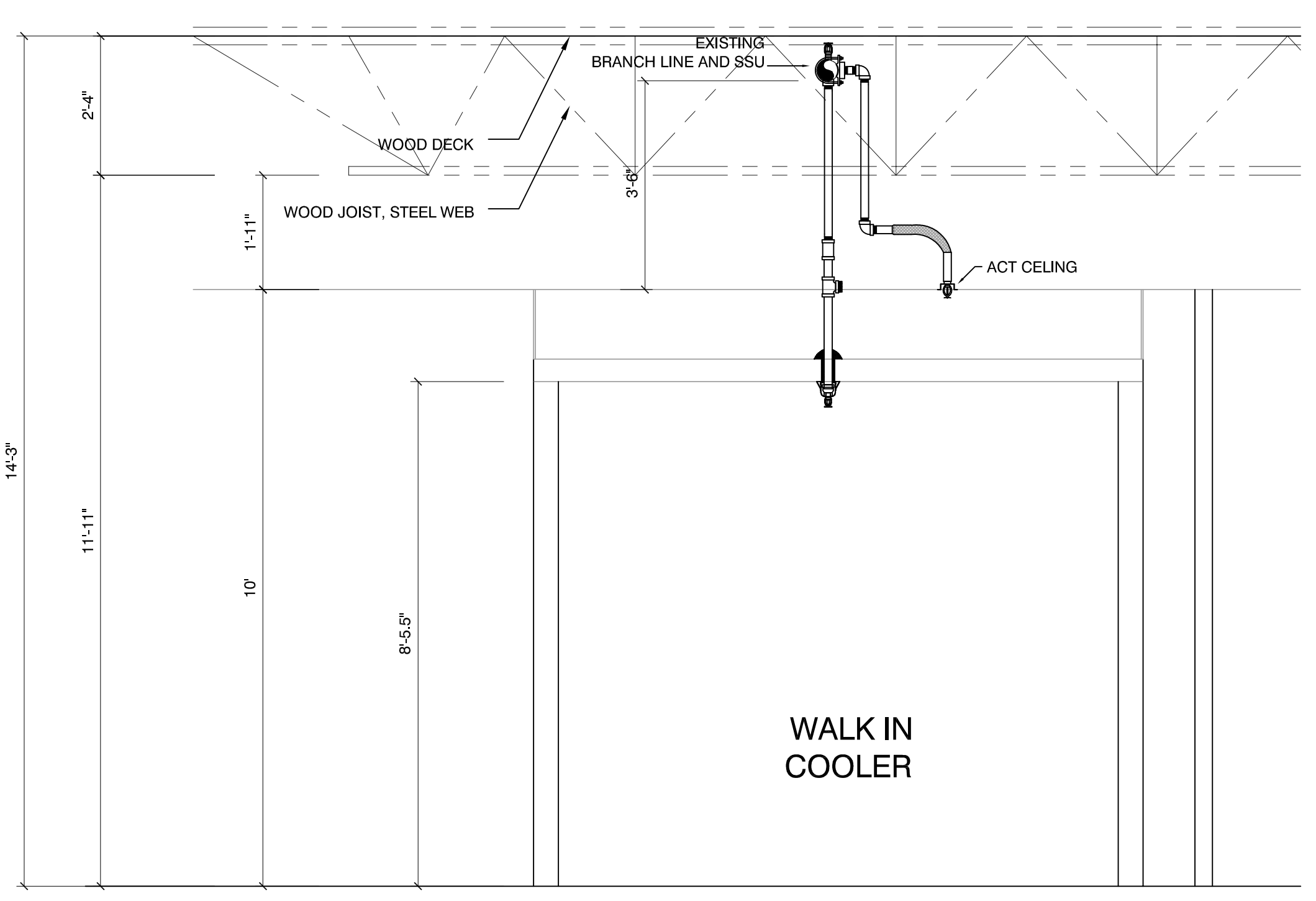
FLEX2 DETAIL



HANGER DETAIL SW



COOLER SPRINKLER DETAIL



BUILDING SECTION  
NTS



SITE PLAN  
NTS



AREA MAP  
NTS

**FITTER/LISTER NOTES**

1. ALL DROPS ARE TO BE PER FLEX DETAIL 2 WITH 48° EASYFLEX U.N.O.
2. ALL HANGERS ARE TO BE PER DETAIL SW U.N.O.
3. SEND 2 FT. OF BULK 3/8" ATR FOR CTS HANGER RODS.
4. ALL SPRINKLERS TO BE CENTERED IN 2' DIRECTION ONLY OF 2' x 4' TILES
5. EXCLUDING WORK ON OVERTIME OR AFTER HOURS.
6. EXCLUDING RELOCATING OR MODIFYING THE EXISTING SPRINKLER SYSTEM TO ACCOMMODATE THE WORK OF OTHER TRADES.
7. SEND EXTRA 2X 1.25" STRAPS.
8. R INDICATE REPLACE AN EXISTING SSP.

**GENERAL NOTES**

1. ALL STEEL PIPE TO BE AS FOLLOWS UNLESS NOTED OTHERWISE:

PIPE SIZE	SCHEDULE	WALL THICKNESS	INTERNAL DIAMETER	END PREP TYPES ALLOWED	WEIGHT OF WELD/PIPE	GRADE
1	40	0.133	1.040	THREADED, CUT GROOVED, ROLL GROOVED, PLAIN END, POLISHED	2.65	0041

\*\* WALL THICKNESS PER NFPA # 13

2. ALL GROOVED COUPLINGS TO BE RIGID TYPE UNLESS NOTED ( | | ) WHICH ARE FLEXIBLE.

**SCOPE OF WORK**

SMITH FIRE SYSTEMS (SFS) WILL MODIFY THE EXISTING SPRINKLER SYSTEM TO ACCOMMODATE THE NEW WALLS AND CEILINGS.

**CLARIFICATIONS:**

1. ALL AREAS PROTECTED BY A WET PIPE SYSTEM MUST BE MAINTAINED AT 40°F IN ORDER TO PREVENT FREEZING.
2. SPRINKLER MODIFICATIONS ARE BASED UPON HAVING ADEQUATE PRESSURE AVAILABLE AT THE POINT OF CONNECTION
3. MATERIALS INSTALLATION AND DESIGN PER NFPA 13 STANDARDS AS SELECTED BY SFS.
4. EXISTING UPRIGHT SPRINKLERS WILL NOT BE REMOVED / MODIFIED WHEN NEW PIPE IS INSTALLED FOR THE NEW PENDENT SPRINKLERS.
5. ALL NEW PENDENT SPRINKLERS TO BE THE SAME STYLE, RESPONSE RATING, AND FINISH AS THE EXISTING SPRINKLERS. CENTER OF TILE IN THE TWO-FOOT DIRECTION ONLY. EXISTING STANDARD RESPONSE SPRINKLERS WILL NOT BE CHANGED TO QUICK RESPONSE SPRINKLERS.

**EXCLUSIONS:**

1. SAFE OFF OR A SEPARATE DEMO TRIP IS NOT INCLUDED UNO.
2. CUTTING PATCHING OR FIRE CAULKING OF WALLS, CEILINGS, OR FLOORS
3. DOH, FM, INSURANCE, OR OTHER OUTSIDE REVIEW REQUIREMENTS, APPROVALS OR FEES
4. HEAT TRACE OR INSULATION OF ANY KIND
5. ANY WORK OUTSIDE THIS TENANT SPACE INCLUDING OVERHANGS
6. PAINTING OR LABELING OF PIPE.
7. REPLACEMENT OF PAINTED, DAMAGED, OR CORRODED SPRINKLERS.
8. ELECTRICAL OR ALARM WORK OF ANY KIND.
9. BACKFLOW INSTALLATION, MODIFICATION, OR CERTIFICATION (IF REQUIRED)
10. REPAIRS OR MODIFICATIONS TO THE EXISTING SYSTEM BEYOND THE SCOPE DESCRIBED ABOVE.
11. MODIFICATIONS REQUIRED TO ACCOMMODATE THE WORK OF OTHER TRADES
12. STRUCTURAL ANALYSIS, SEISMIC INVESTIGATION, OR PE REVIEW UNO
13. UNDERGROUND WORK OF ANY KIND
14. CHANGES TO THE SPRINKLER PROTECTION FOR THE SPACE ABOVE THE CEILING LEVEL DURING OR AFTER CONSTRUCTION.
15. COOKING HOOD OR DUCT PROTECTION OF ANY KIND, INCLUDING CAPTIVE AIR SYSTEMS.
16. FIRE WATCH OR TEMPORARY SPRINKLER PROTECTION DURING CONSTRUCTION.

**DESIGN CRITERIA:**

PER NFPA 13 2016 AND THE CITY OF PUYALLUP  
EXISTING CRITERIA:  
KITCHEN - ORDINARY HAZARD 1

NEW DESIGN CRITERIA:  
KITCHEN - ORDINARY HAZARD 1

**TENANT IMPROVEMENT:**

THIS PROJECT IS A TENANT IMPROVEMENT. THIS FACILITY HAS ALREADY BEEN PROTECTED BY A FIRE SPRINKLER SYSTEM. SMITH FIRE SYSTEMS IS ADDING AND/OR RELOCATING SPRINKLER HEADS TO ACCOMMODATE THE NEW TENANT WALL, CEILING, LIGHTING, AND HVAC LAYOUT. ALL WORK WILL BE DONE WITHOUT AFFECTING THE CAPABILITY OF THE EXISTING SYSTEM; THEREFORE, NO NEW HYDRAULIC CALCULATIONS ARE NECESSARY.

ABBREVIATIONS	SYMBOL LEGEND	SYMBOL LEGEND	PIPE LEGEND	FLEX LEGEND	SPRINKLER LEGEND
APR ABOVE FINISHED FLOOR BSB BOTTOM OF BEAM BOJ BOTTOM OF JOIST BOP BOTTOM OF PLUMB BOT BOTTOM OF TRUSS OUT OUT TO SLIT FO FIELD ORDER FRW FROCK FACE OF WALL OFW OUTSIDE FACE OF WALL NLS NO. AUTO. SPRINKLER UNO UNLESS NOTED OTHERWISE NLC NOT LOCATED TCE THROUGH ONE END TDE THROUGH ONE END TBT THROUGH BOTH ENDS	(12) CENTERLINE OF PIPE TO REFERENCED STRUCTURE IN INCHES 2-WAY EARTHQUAKE SWAY BRACE LETTER INDICATES TYPE 4-WAY EARTHQUAKE SWAY BRACE LETTER INDICATES TYPE HANGER LOCATION NEW MECHANICAL TEE OUTLET REPLACE EXISTING SPRINKLER EXISTING THREADED OUTLET EXISTING SYSTEM COMPONENT	NEW 1" PLUG NEW 1/2" PLUG NEW STRAP OUTLET NEW MECHANICAL TEE OUTLET REPLACE EXISTING SPRINKLER EXISTING THREADED OUTLET EXISTING SYSTEM COMPONENT	NEW SPRINKLER PIPE EXISTING SPRINKLER PIPE RELOCATED EXISTING PIPE NEW FLEXDROP RELOCATED EXISTING FLEX EXISTING WALL NEW WALL TO CEILING NEW FULL HEIGHT WALL NEW LOW WALL NEW SOFFIT WALL	MAKE TYPE LEN NIPPLE BRKT SCR/WHYTY EASY HI PERE 48" 1/2" ACT NA 1 2 EASY HI PERE 72" 1/2" ACT NA 2 BRACKET LEGEND ACT = STANDARD OGSB BRACKET GWB = T-BAR, TBS ENDS, AND OSSB CLAMP HCB = T-BAR, HCB ENDS, AND OSSB CLAMP 4BAR = T-BAR, TBS ENDS, AND OSSB CLAMP TEK = (2) 1/4"x1.5" TEK SCREW WDS = (2) #10x1.5" WOOD SCREW 9"x1/2" = 9" LONG x 1/2" EXTENDED NIPPLE	SYN MANUFACTURER S.N.L. TYPE MODEL EXISTING UNCHANGED UNCHANGED NEW RELIABLE RA1414 SSP REC F1FR-56 CHR CHR F1 5.6K 1/2" 286" --- 8 RELIABLE RB714 DRY SSP F3OR CHR CHR 5.6K 1" 286" A=12 1 TOTAL NEW 9

REVISIONS	CONTRACT WITH
NO. DATE BY REASON FOR REVISION	PROBUILD CONSTRUCTION 12112 92ND AVE CT E PUYALLUP, WA 98373
BUILDING INFORMATION MAINTENANCE CONTACT : MAINTENANCE PHONE : ALARM COMPANY : ALARM PHONE : ALARM CODE : ALARM PASSWORD : FIRE DEPARTMENT : FIRE DEPT. PHONE :	PROJECT MANAGER : ALEX RODRIGUEZ OFFICE PHONE : CELL PHONE : 253-844-7547 EMAIL : SUPERINTENDENT : PHONE : EMAIL :

**CERTIFICATE OF COMPETENCY**  
FIRE PROTECTION SPRINKLER SYSTEMS

Aaron Stewart Nelson  
2345-1019-C Level 3  
Smith Fire Systems, Inc.  
SMITHFS1360T

4/1/2022  
Expire 2/31/22

**SMITH FIRE SYSTEMS, INC.**  
1108 54th AVE EAST  
TACOMA, WA 98424  
CONTR. REG. NO. SMITHFS1360T  
Bus: (253) 926-1180 FAX: (253) 926-2350

**TANDOORI GRILL**  
4423 S MERIDIAN, SUITE 715  
PUYALLUP, WA 98374

DESIGNER	PROJECT MGR	DATE	SHEET	JOB NO.
MISH ALDIAB	LANE L.	3/28/2022	1 OF 1	T122022