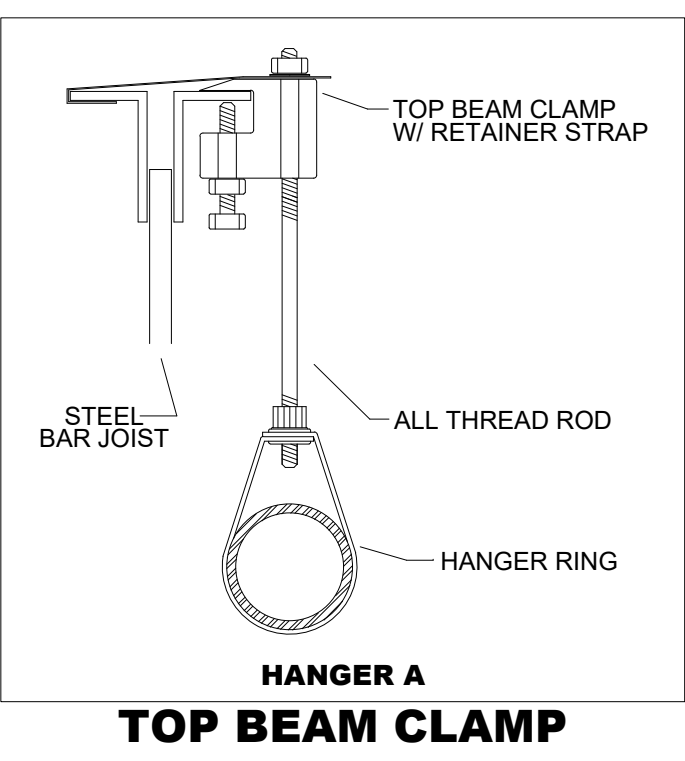
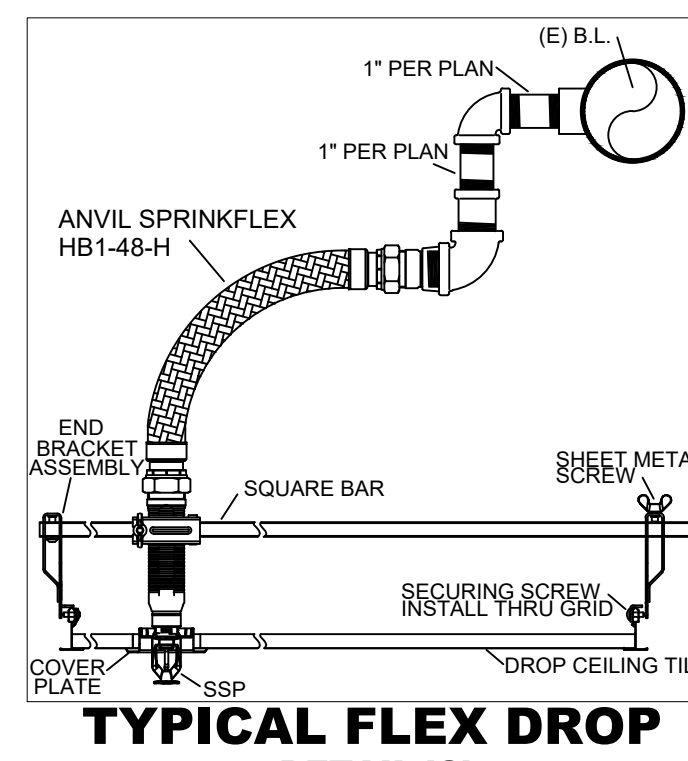


**VICINITY MAP**  
SCALE: N.T.S.



**HANGER A  
TOP BEAM CLAMP**

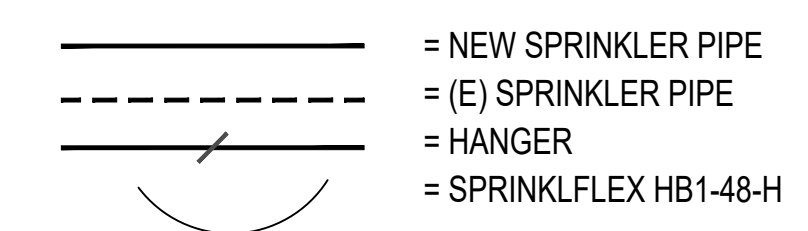


**TYPICAL FLEX DROP  
DETAIL 'C'**

**FITTER NOTES:**

- 1. HANGERS:**  
 \* ALL PIPE HANGERS TO BE TOP BEAM CLAMP. SEE HANGER DETAIL 'A' ON THIS SHEET.  
 2. ALL THREADED PIPING TO BE SCHD 40 THREAD JOINED W/ THREADED FITTINGS.  
 3. ALL SPRINKLER DROPS INTO ACOUSTICAL TILE CEILING TO BE INSTALLED QUARTER POINT OF CEILING TILE.  
 4. ALL NEW SSP SPRINKLERS ADDED BY MECHANICAL TEE ON (E) BRANCH LINE.  
 5. ALL NEW SSP ARE INSTALL WITH ANVIL SPRINKLFLEX HB1-48-H.  
 6. SMALL ROOM RULE PER NFPA #13 (2016) §8.6.3.2.4. & 8.6.3.2.4.1. IS USED ON THIS PROJECT.

**SPRINKLER LEGEND:**



**SCOPE OF WORK:**

1. ADD NEW PENDENT SPRINKLERS IN NEW CEILING AREAS.
2. ADD NEW UPRIGHT HEADS AT NEW HEIGHT WALL AREAS.
3. ADD NEW UPRIGHT SPRINKLERS BELOW DUCTS THAT ARE OVER 48" WIDE IN THE LEAST DIMENSION.
4. PLAN SUBMITTAL TO & APPROVAL BY CITY OF PUYALLUP.
5. MATERIALS PER NFPA #13 (2016) STANDARDS AS SELECTED BY ARCHER CONSTRUCTION, INC.
6. TESTING PER NFPA #13 (2016) & CITY OF PUYALLUP.
7. NEW CEILING AND WALLS DO NOT AFFECT EXISTING UPRIGHT SPRINKLER PROTECTION.

**CLARIFICATIONS:**

1. ALL AREAS PROTECTED BY A WET SYSTEM MUST BE MAINTAINED AT A MINIMUM OF 40°F (BY OTHERS) IN ORDER TO PREVENT THE PIPE FROM FREEZING.

**EXCLUSIONS:**

1. TAXES OF ANY TYPE.
2. ELECTRICAL OF ANY TYPE.
3. UNDERGROUND PIPING OF ANY TYPE.
4. STRUCTURAL VERIFICATION & ABATEMENT OF ANY TYPE.
5. LABELING, PREP FOR & PRIMING OR PAINTING OF ANY TYPE.
6. RELOCATION OF PIPE FOR WORK OF OTHER TRADES.

**DESIGN CRITERIA:**

1. CRITERIA BASED ON NFPA #13 (2016) AND CITY OF PUYALLUP CODES.
2. DESIGN CRITERIA:  
 - (E) CRITERIA - RETAIL & SHELL PROTECTION: ORDINARY HAZARD - 130 SQ. FT.  
 - NEW CRITERIA - OFFICE AREA, RESTROOMS, ETC.: LIGHT HAZARD - 225 SQ. FT.  
 - ELECTRICAL, MECHANICAL, & STORAGE: ORDINARY HAZARD - 130 SQ. FT.
3. NEW DESIGN CRITERIA IS LESS THAN EXISTING THUS NEW HYDRAULIC CALCULATIONS ARE NOT PROVIDED.

**City of Puyallup  
Fire  
REVIEWED  
FOR  
COMPLIANCE**  
 DDrake  
 06/09/2022  
 9:15:11 AM



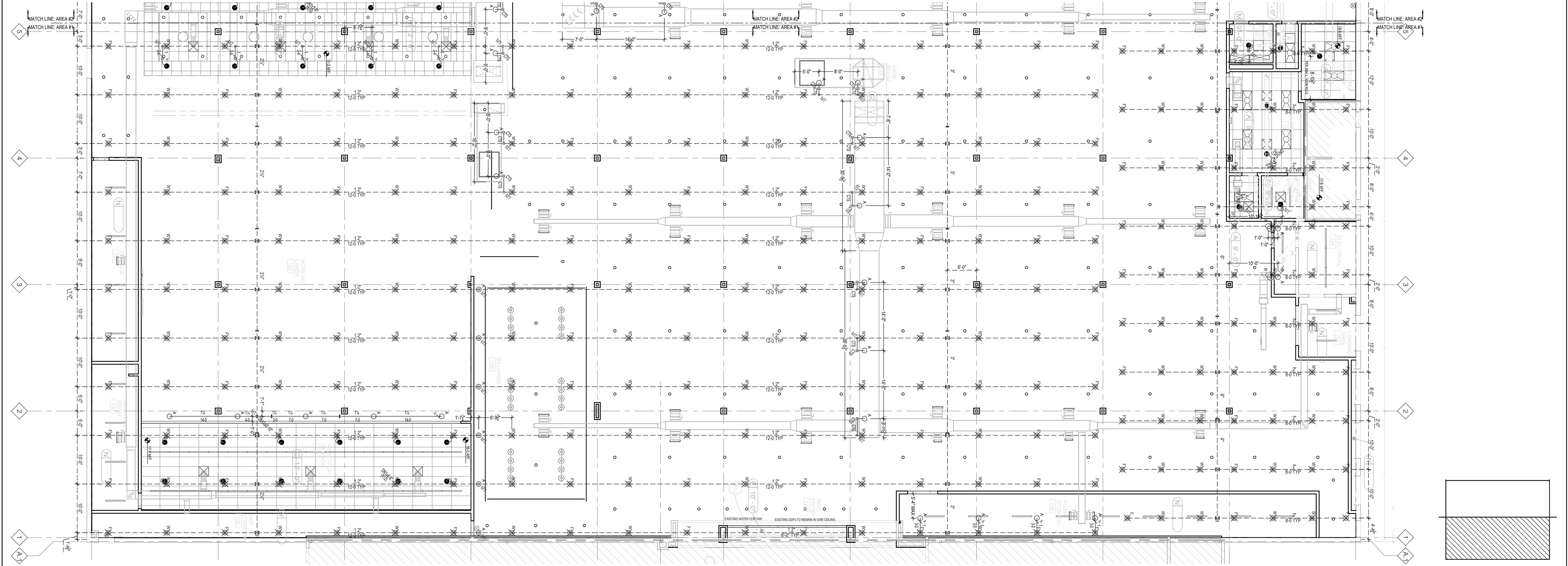
THE APPROVED CONSTRUCTION PLANS AND ALL ENGINEERING MUST BE POSTED ON THE JOB AT ALL INSPECTIONS IN A VISIBLE AND READILY ACCESSIBLE LOCATION.

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

**KEY PLAN**  
SCALE: N.T.S.



**FIRE SPRINKLER TI PIPING PLAN**  
SCALE: 1/8" = 1'-0"

DATE	REV.	DESCRIPTION	BY

HANGERS	
A	BEAM CLAMP W/ RETAINING STRAP
B	SPRINKLER BRACKET
C	PIPE SOCKET
D	NUT & FLANGE WASHER
E	KNIPKROCK
F	FLIP
G	SAMMY SIDEWINDER
H	SAMMY SUPERSCREW
I	CONCRETE SCREW ROD
J	CEILING FLANGE
K	SHOCK
L	SHORT STRAP
M	WALL BRACKET
N	TRAPWIRE

HYDRAULIC DESIGN INFORMATION			
AREA NUMBER:	CODE:	HAZARD:	SYSTEM TYPE:
AREA PER SPRINKLER:	DENSITY (GPM/SG. FT.):	INSIDE HOSE ALLOWANCE:	
REMOVE AREA SQ. FT.:		OUTSIDE HOSE ALLOWANCE:	
TOTAL SYSTEM REQUIREMENTS:			

ABBREVIATIONS	
APF	ABOVE FINISHED FLOOR
BOB	BOTTOM OF DECK
BOJ	BOTTOM OF JOIST
BOP	BOTTOM OF PURLIN
BOF	BOTTOM OF TRUSS
CUT	CUT TO SUIT
FO	FIELD ORDER
FEW	FACE OF WALL
NAS	NO AUTO SPRINKLERS
OS	OPEN TO STRUCTURE
LNOS	NOTED OTHERWISE
FC	DOUBLE CEILING

WATERFLOW INFORMATION	
STATIC	58 PSI
RESIDUAL	20 PSI
GPM FLOWING	4900 GPM
DATE & TIME	
PER	
LOCATION:	
NOTES:	

SPRINKLER SYMBOLS									
SYM	MAKE	SIN#	TYPE	FINISH	K-FAC.	THREAD	ORIFICE	TEMP	QTY
AO	EXISTING	TO BE	RELOCATE UPRIGHT	BRASS	K-5.8	1/2"	1/2"	155°	2
AO	VICTAULIC	V2704	UPRIGHT	BRASS	K-5.8	1/2"	1/2"	155°	27
●	VICTAULIC	V2708	SEMI-RECESSED PENDENT	BRASS	K-5.6	1/2"	1/2"	155°	24
TOTAL SPRINKLERS THIS PROJECT = 155			TOTAL SPRINKLERS THIS SHEET = 53						

**ARCHER CONSTRUCTION, INC**  
 FIRE SPRINKLER DIVISION  
 7855 S 206TH STREET, KENT, WA 98032  
 PHONE 253-872-7222 FAX 253-872-7277

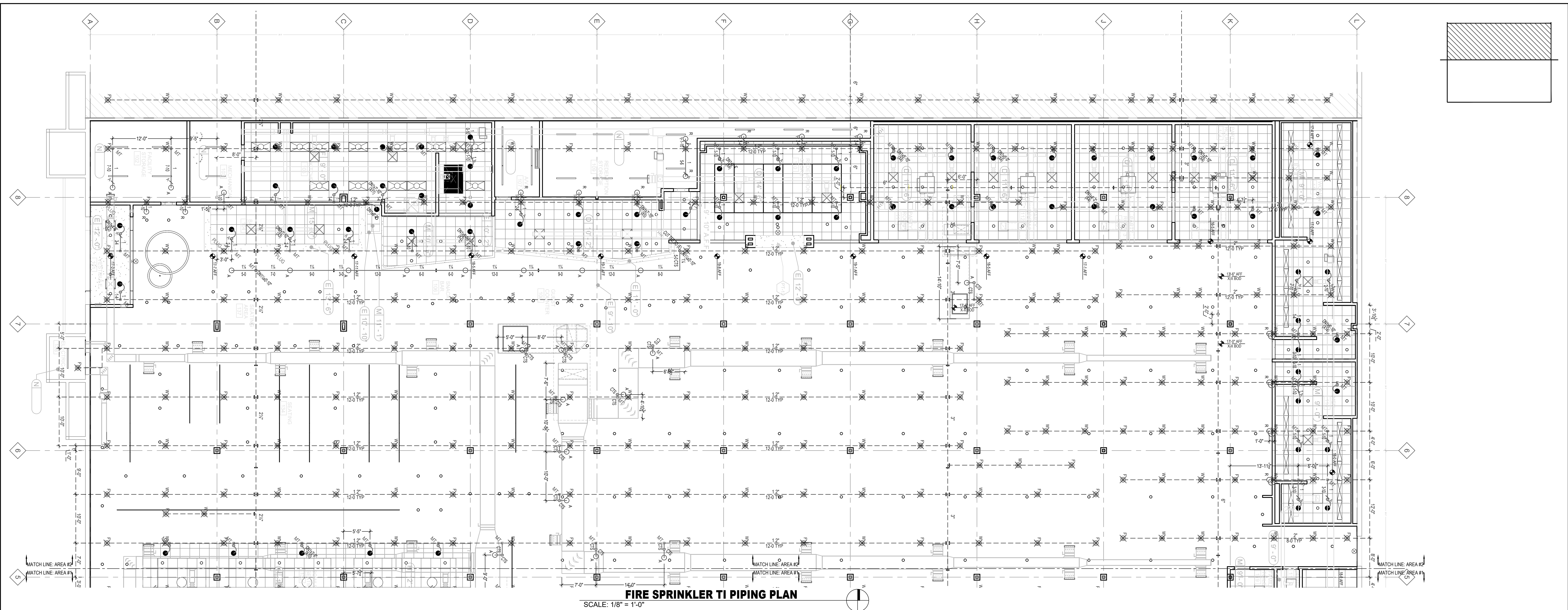
WASHINGTON STATE  
 CONTRACTORS OF CONSCIENTIOUS  
 FIRE PROTECTION PROFESSIONAL SERVICES  
 Michael Maguire  
 1440 79th C Level 3  
 Archer Construction, Inc.  
 ARCHITECT'S SEAL

**ROUND ONE TI**  
 3500 S. MERIDIAN ST.  
 PUYALLUP, WA 98373

CONTRACTOR: RBM CONSTRUCTION  
 CONTACT: ROD BANE  
 PHONE: 559-696-0143

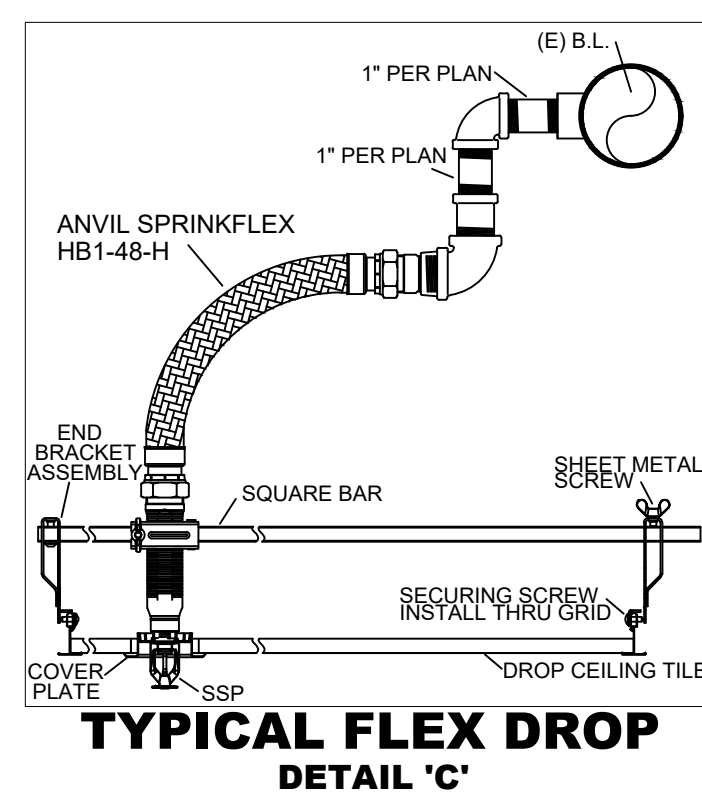
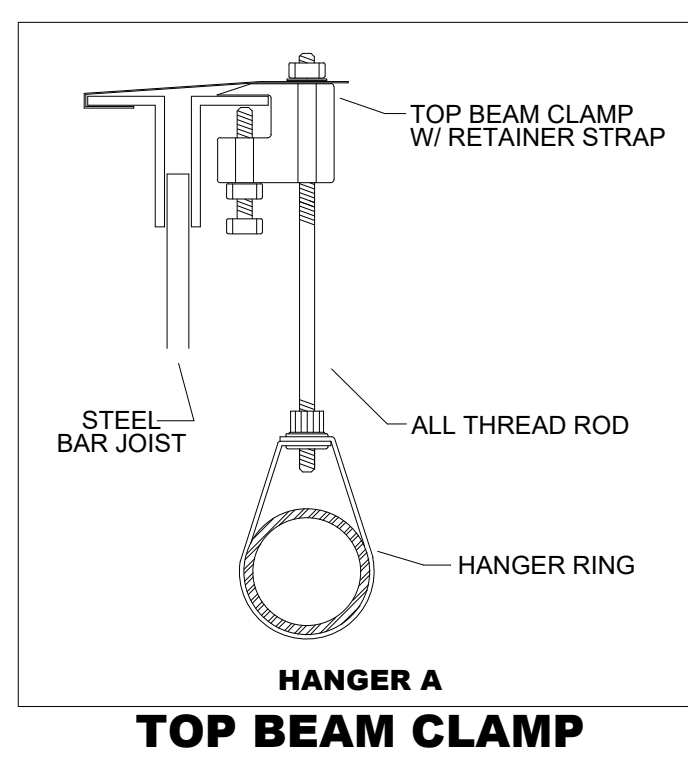
FIRE SPRINKLER PIPING PLAN  
 PERMIT NO. -  
 JOB NO. S21-121  
 AUTHORITY: CITY OF PUYALLUP  
 DESIGNER: KM  
 SCALE: - NOTED  
 DATE: 5/17/2022  
 REVISED: 1/1  
 PLOTTED: 1/1 FP 1 OF 1





**FIRE SPRINKLER TI PIPING PLAN**

SCALE: 1/8" = 1'-0"



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

Building	Planning
Engineering	Public Works
Fire	Traffic

**FITTER NOTES:**

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**SPRINKLER LEGEND:**

- = NEW SPRINKLER PIPE
- - - = (E) SPRINKLER PIPE
- = HANGER
- = SPRINKLFLEX HB1-48-H

DATE	REV.	DESCRIPTION	BY

HANGERS	
A	BEAM CLAMP W/ RETAINING STRAP
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C	LEVEL SOCKET
D	W/ 8 PLATE WASHER
E	KWIK-BOLT
F	RIPUP
G	SAMMY SIDEWINDER
H	SAMMY SUPERSCREW
I	CONCRETE SCREW ROD
J	CEILING FLANGE
K	SHOCK
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M	WALL BRACKET
N	TRAPZEE

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RELOCATE AREA SQ. FT.:		OUTSIDE HOSE ALLOWANCE:	
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FC	FLEXIBLE COUPLING

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GPM FLOWING	4900 GPM
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TOTAL SPRINKLERS THIS SHEET 102									

**ARCHER**  
CONSTRUCTION, INC

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FIRE SPRINKLER PIPING PLAN	
PERMIT NO.:	S21-121
JOB NO.:	CITY OF PUYALLUP
DESIGNER:	KN
SCALE:	NOTED
DATE:	1/17/2022
REVISED:	1/1
PLOTTED:	1/1
FP 1 OF 1	