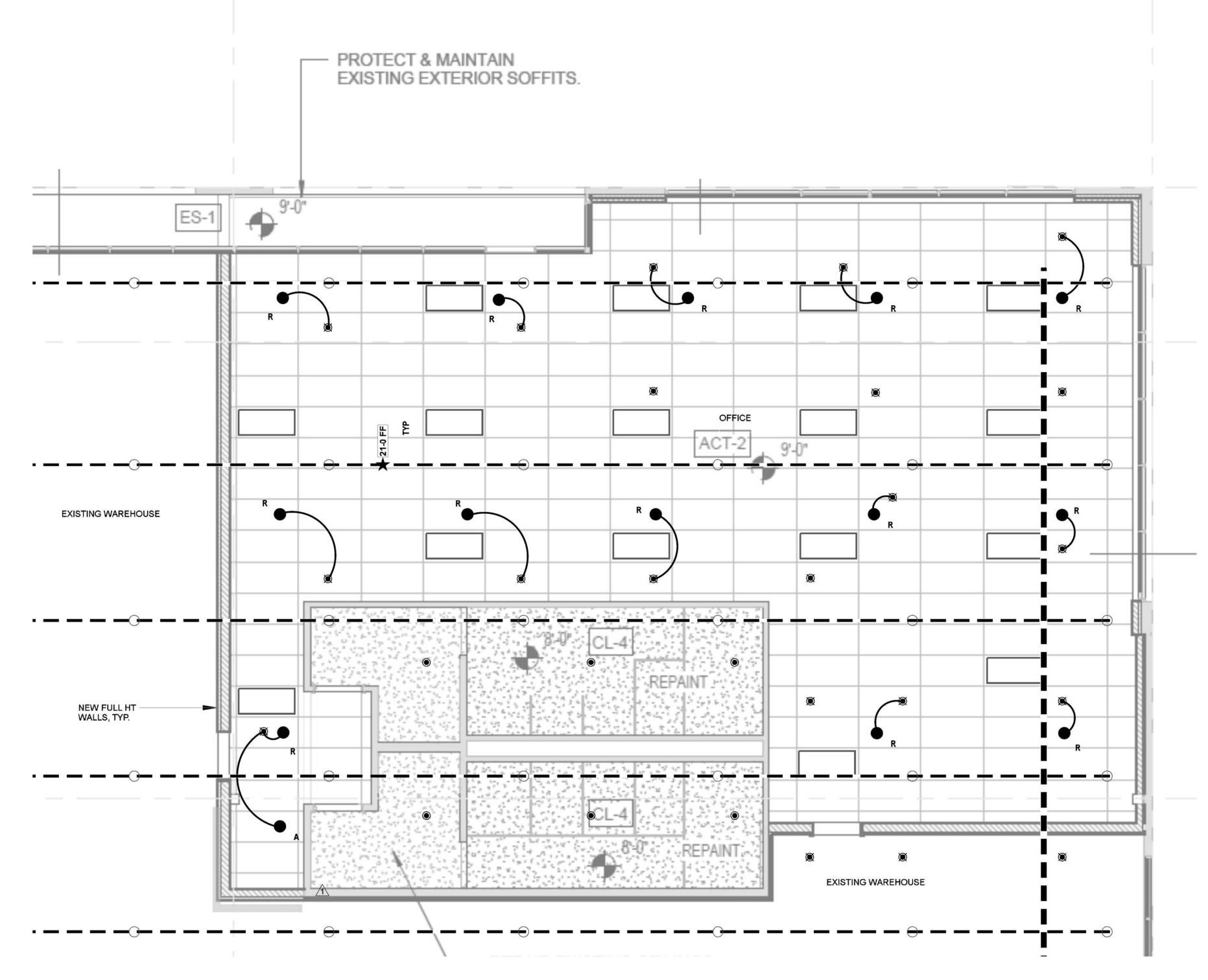
City of Puyallup Fire **REVIEWED** FOR COMPLIANCE DDrake 09/22/2023 8:13:10 AM

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 Service ISSUED PERMIT									
Building	Planning								
Engineering	Public Works								
Fire OF W	Traffic								







FIRE SYSTEMS WEST

## SCOPE OF WORK

FSW WILL ADD AND RELOCATE PENDENT SPRINKLER HEADS FOR NEW TENANT OFFICE ACT CEILING AND WALLS IN EXISTING WAREHOUSE SPACE.

### **EXCLUSIONS**

OFF HOURS AND TAXES.
 RELOCATION OF EXISTING PIPING.
 GWB CUT AND PATCH.

4. PAINTING OF ANY KIND.

5. WIRING OF ANY KIND. 6. REPLACE, REPAIR, OR MODIFICATION OF CEILING TILES. 7. ABATEMENT OF ANY KIND.

#### 8. STRUCTURAL VERIFICATION IF REQUIRED. **DESIGN CRITERIA**

1. NFPA 13 2019 ED. 2. CITY OF PUYALLUP. 3. OFFICE/SHELL SPACE - LIGHT HAZARD

# **TENANT IMPROVEMENT**

THIS PROJECT IS A TENANT IMPROVEMENT. THIS FACILITY HAS ALREADY BEEN PROTECTED BY A FIRE SPRINKLER SYSTEM. FIRE SYSTEMS WEST IS ADDING AND/OR RELOCATING SPRINKLER HEADS TO ACCOMMODATE THE NEW TENANT WALL, CEILING, LIGHTING AND/OR HVAC LAYOUT. ALL WORK WILL BE DONE WITHOUT AFFECTING THE CAPABILITY OF THE EXISTING SYSTEM.

#### SYMBOL LEGEND

■ R - DENOTES A SPRINKLER HEAD TO BE

RELOCATED. - DENOTES A SPRINKLER HEAD TO BE ADDED.

DENOTES AN EXISTING SR SPRINKLER HEAD TO BE REPLACED BY A NEW QR SPRINKLER HEAD.

DENOTES EXISTING SPRINKLER HEAD TO BE

- REPRESENTS NEW SPRINKLER PIPE.

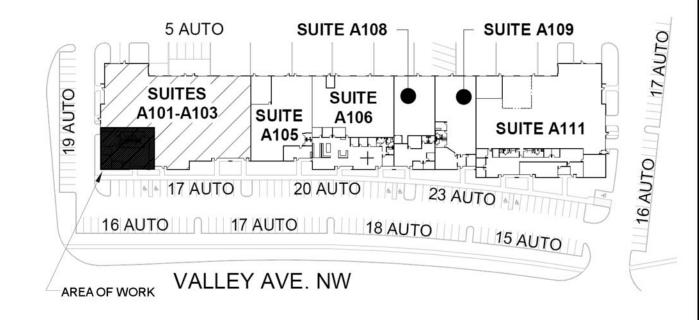
BE DEMO'D AND PLUGGED.

- INDICATES EXISTING SPRINKLER TO REMAIN - MECHANICAL TEE - REPRESENTS EXISTING SPRINKLER PIPE.

**EXISTING** BRANCHLINE NEW 1" (DROP) TOE HARD PIPE DROP NEW SPRINKLER PENDENT

## TYP. DROP DETAIL

SCALE: NONE







## CITC SOUTH **TENANT IMPROVEMENT** FIRE SPRINKLER PLAN

HANGE	R LE	GEND	SPRINKLER HEADS						REVISIONS								
U-HOOK	L	L-ROD	SYM	TYPE	MFG	MODEL	ORIFICE	THREAD	TEMP	FINISH	CANOPY	QTY	MK	DATE	BY D	ESCRIPTION	1.
SUPER SCREW	M	WASHER PLATE	•	SEMI REC PEND	TYCO	TY-FRB	5.6K	1/2"	155°	CHR	CHR	14	$\triangle$				2.
CONCRETE INSERT	N												$\triangle$				3. 4.
TOP BEAM CLAMP	Р	POWDER DRIVEN STUD											$\triangle$				5.
	R	WEDGE ANCHOR											$\triangle$				6.
HDI-P	TZ	SAMMY EXPRESS											$\triangle$				7.
CEILING FLANGE	U												API	PROVALS RE	QUIRED:	DISTRIBUTION:	8.
SIDE BEAM BRACKET	VV												AHJ AHJ		AHJ	3	
SIDEWINDER	X												OWNER / ARCHITECT OWNER / ARCHITECT		1		
	U-HOOK SUPER SCREW CONCRETE INSERT TOP BEAM CLAMP  HDI-P CEILING FLANGE SIDE BEAM BRACKET	U-HOOK L SUPER SCREW M CONCRETE INSERT N TOP BEAM CLAMP P R HDI-P TZ CEILING FLANGE U SIDE BEAM BRACKET W	SUPER SCREW M WASHER PLATE  CONCRETE INSERT N  TOP BEAM CLAMP P POWDER DRIVEN STUD  R WEDGE ANCHOR  HDI-P TZ SAMMY EXPRESS  CEILING FLANGE U  SIDE BEAM BRACKET W	U-HOOK L L-ROD SYM  SUPER SCREW M WASHER PLATE  CONCRETE INSERT N  TOP BEAM CLAMP P POWDER DRIVEN STUD  R WEDGE ANCHOR  HDI-P TZ SAMMY EXPRESS  CEILING FLANGE U  SIDE BEAM BRACKET W	U-HOOK L L-ROD SYM TYPE  SUPER SCREW M WASHER PLATE SEMI REC PEND  CONCRETE INSERT N  TOP BEAM CLAMP P POWDER DRIVEN STUD  R WEDGE ANCHOR  HDI-P TZ SAMMY EXPRESS  CEILING FLANGE U  SIDE BEAM BRACKET W	U-HOOK L L-ROD SYM TYPE MFG SUPER SCREW M WASHER PLATE SEMI REC PEND TYCO CONCRETE INSERT N TOP BEAM CLAMP P POWDER DRIVEN STUD R WEDGE ANCHOR HDI-P TZ SAMMY EXPRESS CEILING FLANGE U SIDE BEAM BRACKET W	U-HOOK L L-ROD SYM TYPE MFG MODEL SUPER SCREW M WASHER PLATE SEMI REC PEND TYCO TY-FRB CONCRETE INSERT N TOP BEAM CLAMP P POWDER DRIVEN STUD R WEDGE ANCHOR HDI-P TZ SAMMY EXPRESS CEILING FLANGE U SIDE BEAM BRACKET W	U-HOOK L L-ROD SYM TYPE MFG MODEL ORIFICE SUPER SCREW M WASHER PLATE SEMI REC PEND TYCO TY-FRB 5.6K  CONCRETE INSERT N  TOP BEAM CLAMP P POWDER DRIVEN STUD  R WEDGE ANCHOR  HDI-P TZ SAMMY EXPRESS  CEILING FLANGE U  SIDE BEAM BRACKET W	U-HOOK L L-ROD SYM TYPE MFG MODEL ORIFICE THREAD SUPER SCREW M WASHER PLATE SEMI REC PEND TYCO TY-FRB 5.6K 1/2"  CONCRETE INSERT N  TOP BEAM CLAMP P POWDER DRIVEN STUD  R WEDGE ANCHOR  HDI-P TZ SAMMY EXPRESS  CEILING FLANGE U  SIDE BEAM BRACKET W	U-HOOK L L-ROD SYM TYPE MFG MODEL ORIFICE THREAD TEMP SUPER SCREW M WASHER PLATE SEMI REC PEND TYCO TY-FRB 5.6K 1/2" 155°  CONCRETE INSERT N TOP BEAM CLAMP P POWDER DRIVEN STUD R WEDGE ANCHOR HDI-P TZ SAMMY EXPRESS CEILING FLANGE U SIDE BEAM BRACKET W	U-HOOK L L-ROD SYM TYPE MFG MODEL ORIFICE THREAD TEMP FINISH SUPER SCREW M WASHER PLATE SEMI REC PEND TYCO TY-FRB 5.6K 1/2" 155° CHR CONCRETE INSERT N TOP BEAM CLAMP P POWDER DRIVEN STUD R WEDGE ANCHOR HDI-P TZ SAMMY EXPRESS CEILING FLANGE U SIDE BEAM BRACKET W	U-HOOK L L-ROD SYM TYPE MFG MODEL ORIFICE THREAD TEMP FINISH CANOPY  SUPER SCREW M WASHER PLATE SEMI REC PEND TYCO TY-FRB 5.6K 1/2" 155° CHR CHR  CONCRETE INSERT N  TOP BEAM CLAMP P POWDER DRIVEN STUD  R WEDGE ANCHOR  HDI-P TZ SAMMY EXPRESS  CEILING FLANGE U  SIDE BEAM BRACKET W	U-HOOK L L-ROD SYM TYPE MFG MODEL ORIFICE THREAD TEMP FINISH CANOPY QTY  SUPER SCREW M WASHER PLATE SEMI REC PEND TYCO TY-FRB 5.6K 1/2" 155° CHR CHR 14  CONCRETE INSERT N	U-HOOK L L-ROD SYM TYPE MFG MODEL ORIFICE THREAD TEMP FINISH CANOPY QTY MK SUPER SCREW M WASHER PLATE	U-HOOK L L-ROD SYM TYPE MFG MODEL ORIFICE THREAD TEMP FINISH CANOPY QTY MK DATE  SUPER SCREW M WASHER PLATE SEMI REC PEND TYCO TY-FRB 5.6K 1/2" 155° CHR CHR 14   CONCRETE INSERT N	U-HOOK L L-ROD SYM TYPE MFG MODEL ORIFICE THREAD TEMP FINISH CANOPY QTY MK DATE BY DESCRIPTION OF THE SEMINARY OF THE SEMINAR	U-HOOK L L-ROD SYM TYPE MFG MODEL ORIFICE THREAD TEMP FINISH CANOPY QTY MK DATE BY DESCRIPTION  SUPER SCREW M WASHER PLATE SEMI REC PEND TYCO TY-FRB 5.6K 1/2" 155° CHR CHR 14 \( \triangle \)

**GENERAL NOTES** I. ALL MATERIAL AND EQUIPMENT TO BE NEW AND UNDERWRITERS APPROVED. 2. PIPING DIMENSIONS ARE CENTER TO CENTER EXCEPT RISER & DIMENSIONS SHOWN THUSLY (1'-6") WHICH ARE END TO END.

3. EARTHQUAKE BRACING SHALL BE PROVIDED IN ACCORDANCE WITH NFPA #13.

4. PIPE HANGERS AND METHOD OF HANGING TO BE IN ACCORDANCE WITH NFPA #13.

5. PIPING SHALL BE IN ACCORDANCE WITH NFPA #13.

6. JOINING OF PIPE AND FITTINGS, THREADED AND WELDED SHALL BE IN ACCORDANCE WITH NFPA #13. WITH NEPA #13.

7. OWNER TO PROVIDE ADEQUATE HEAT TO PREVENT WATER IN PIPES FROM FREEZING IN AREAS PROTECTED BY WET PIPE SPRINKLER SYSTEM.

8. STRUCTURAL ADEQUACY OF THE BUILDING TO SUPPORT THE SPRINKLER PIPING IS THE RESPONSIBILITY OF THE OWNER OR HIS STRUCTURAL REPRESENTATIVE.

. ALL BRANCHLINE PIPING TO BE THREADED SCH 40 JOINED W/ CAST IRON FITTINGS (UNO). ALL NEW HANGERS TO BE SAMMY SUPERSCREW TO WOOD STRUCTURE (UNO). 3. ALL NEW HEADS AT ACOUSTICAL CEILING TO BE ON FLEX DROP FITTINGS. ALL NEW CONNECTIONS TO EXISTING PIPE TO BE MADE WITH MECHANICAL TEE (UNO).

DESIGN CRITERIA AND NOTES

## CONTRACT NAME: CITC SOUTH TI

402 Valley Ave NW, Suite A101 Puyallup, WA 98371 CONTRACT WITH:

# RAFN COMPANY

1721 132nd Ave NE Bellevue, WA 98005 Customer Contact: Darcy Tsujikawa Phone: 206-794-5875



## Fire Systems West 206 Frontage Road North, Suite C

Pacific, WA. 98047 (253) 833-1248 Fax: (253) 735-0113

WA CL# FIRESWI 140B1									
Q.C. FAB BY:		Q.C. INSTALL BY:							
DESIGNER	DATE	JOB NUMBER	SHEET						
T DAVIS	8/24/23		1 OF 1						