

LEVEL 2 FIRE SPRINKLER PLAN

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



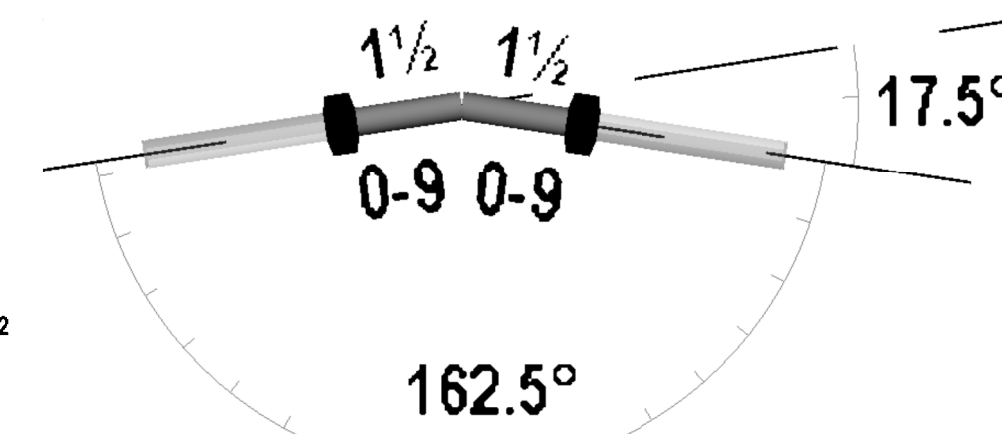
SCALE: 1/8" = 1'-0"

SPRINKLER LEGEND:

- 6 = NEW PIPE
- 8-6 = EXISTING PIPE
- 6 = HANGER
- SWAY BRACE
- HYDRAULIC NODE TAG
- 72" = NON-TYPICAL FLEX LENGTH

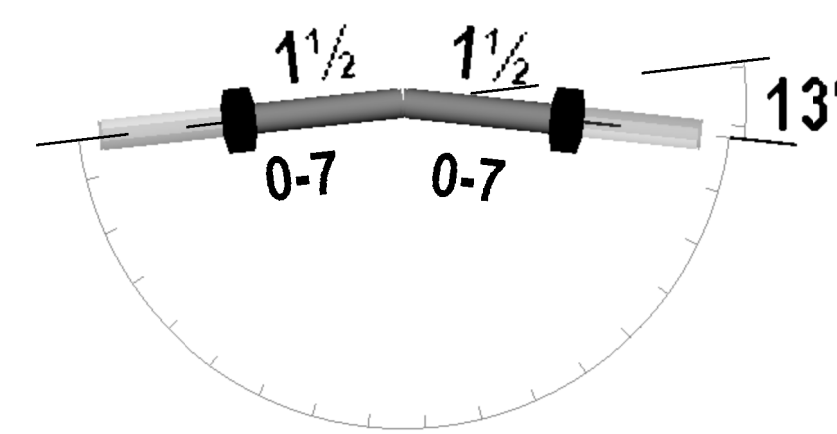
FIELD NOTES:

- MAIN HANGERS TO BE SAMMY SUPERSCREW TYPE 'S20' INTO BOTTOM OF 2X JOISTS (U.N.O.).
- BRANCH HANGERS TO BE OFFSET TYPE '01W' INTO JOIST OR T.J. (U.N.O.).
- THREADED END PIPE TO BE BLACK SCHD 40, JOINED WITH THREADED DUCTILE IRON FITTINGS.
- GROOVED END PIPE TO BE SCH 40 PIPE, JOINED WITH FACTORY PAINTED GROOVED FITTINGS AND COUPLINGS.
- DROPS TO HEADS IN DROP CEILINGS TO BE INSTALLED PER FLEX DETAIL AND ALIGNMENT DETAIL ON SHEET PP-2.
- SWAY BRACING TO BE PER DETAILS ON THIS SHEET.
- BRANCH RESTRAINT NOT REQUIRED WHERE PIPE IS HUNG WHERE DISTANCE FROM TOP OF PIPE TO HANGER ATTACHMENT IS 6" OR LESS, OR WHERE STANDOFF BRACKETS ARE USED.
- NEW WALLS TO BE SHEATHED FULL HEIGHT TO BOTTOM OF ROOF DECK ABOVE (U.N.O.).



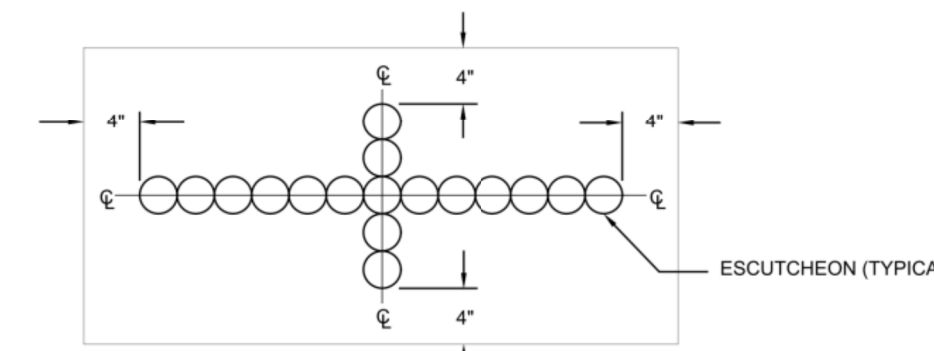
WELDED PIPE DETAIL 'X' AT ROOF PEAK

NTS



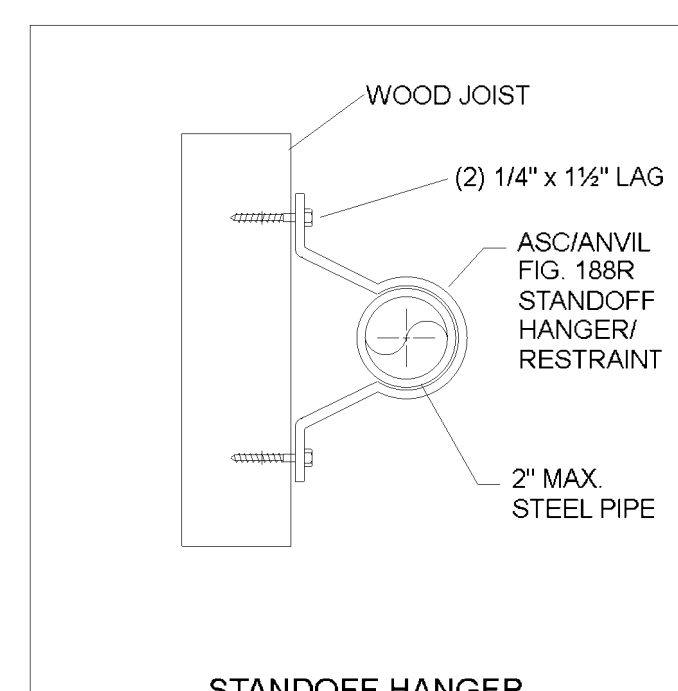
WELDED PIPE DETAIL 'Z' AT ROOF PEAK

NTS



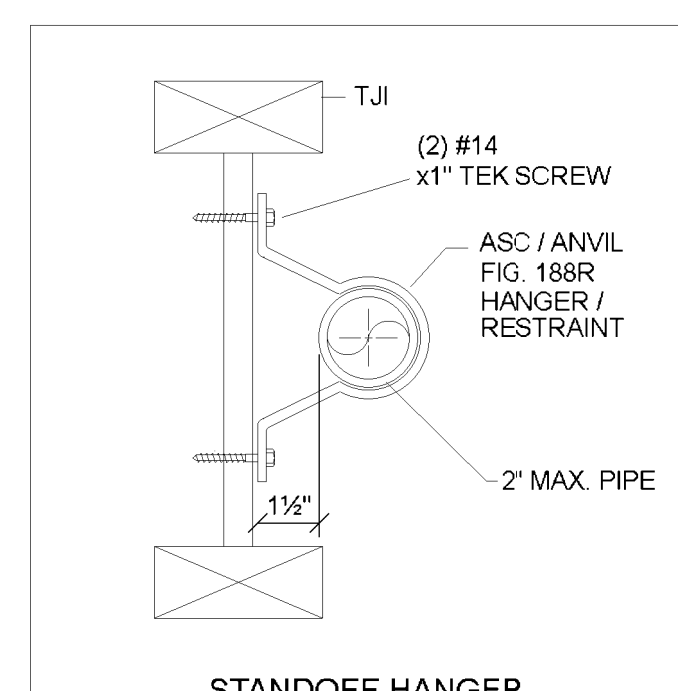
GRID CEILING ALIGNMENT DETAIL

NTS



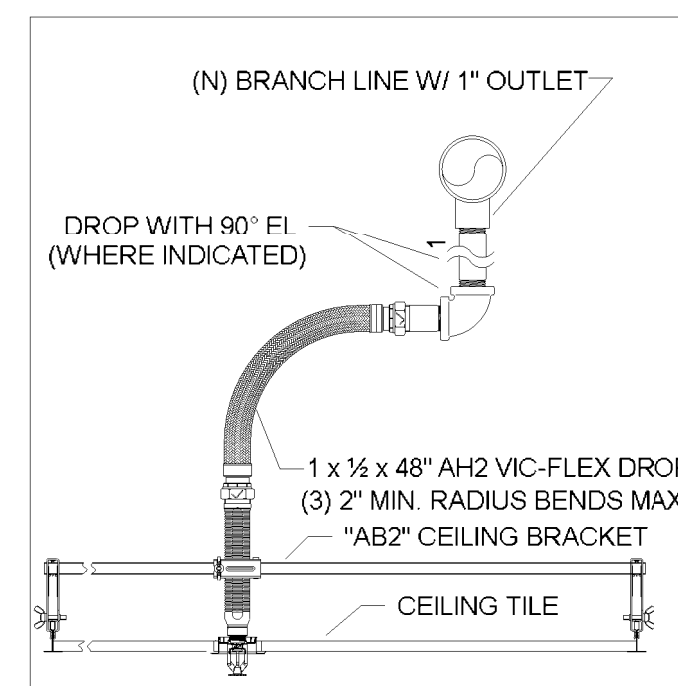
STANDOFF HANGER HANGER '01W'

NTS



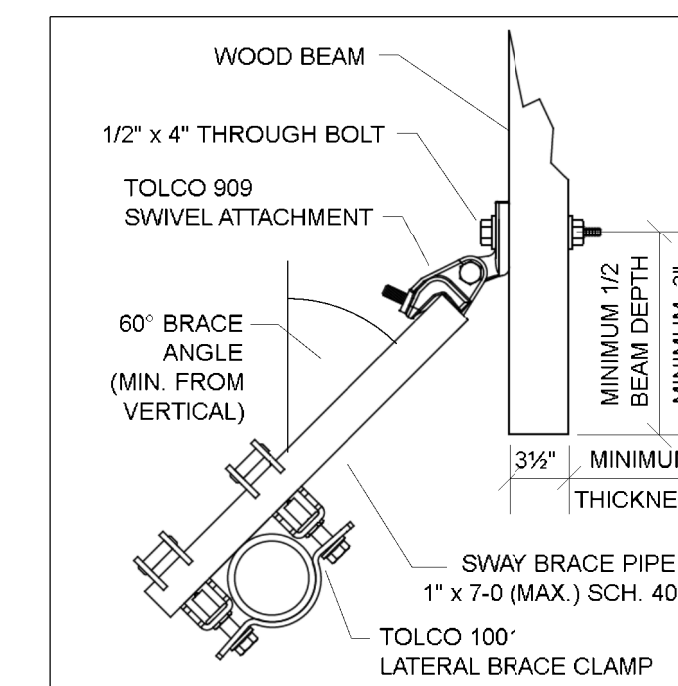
STANDOFF HANGER HANGER '01W'

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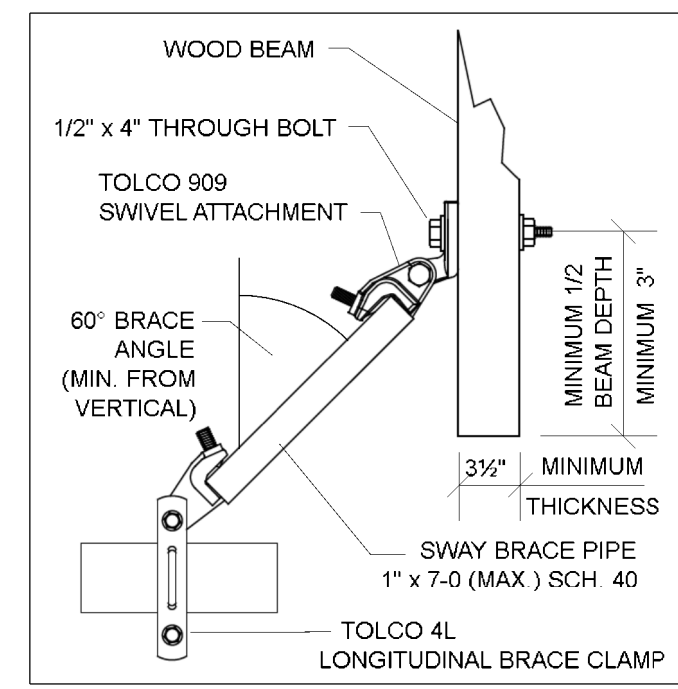
FLEX DROP DETAIL

NTS



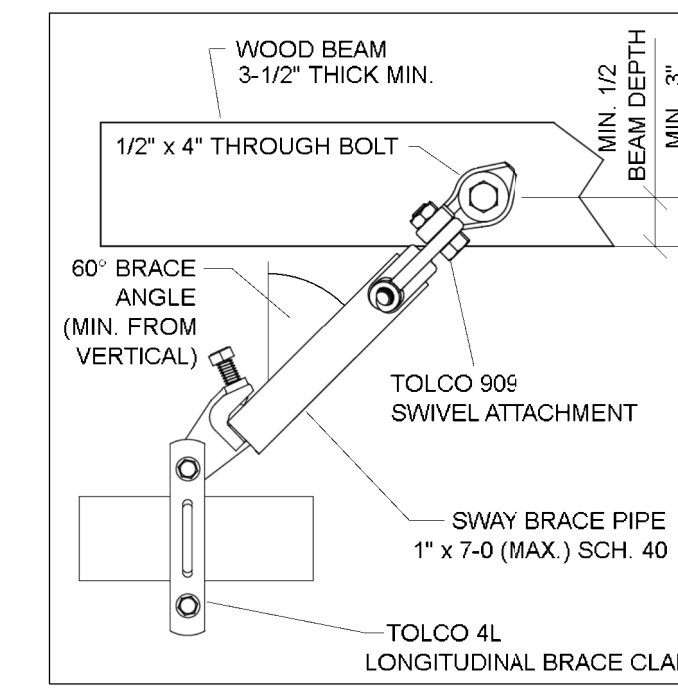
LATERAL BRACE "W1"

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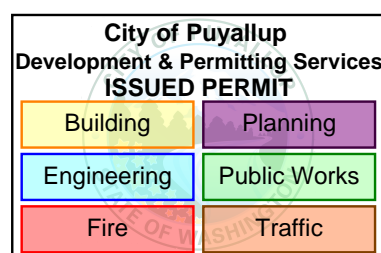
LONGITUDINAL BRACE "W2"

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LONGITUDINAL BRACE "W6"

NTS



HYDRAULIC DESIGN INFORMATION													HANGER ATTACHMENT				ABBREVIATIONS				SYMBOLS				SPRINKLER SYMBOLS												
WATER SUPPLY		AREA	HAZARD CLASSIFICATION	TYPE	DENSITY	AREA SIZE	COVERAGE PER SPRINKLER		HOSE	SYST. DEMAND @ BOR		A	B	CL	CENTERLINE OF PIPE		FF	BB	CL	ABOVE FINISHED FLOOR		SYM	MAKE	MODEL	SIN#	TYPE	FINISH	K-FAC.	THREAD	TEMP	CANOPY	QTY					
STATIC	51 PSI	RECEPTION	LIGHT HAZARD	WET	.07 GPM	3,000 SQ. FT.	225 SQ. FT.		100 GPM	482 GPM @ 42.4 PSI		B	SIDE BEAM BRACKET	CTS	CUT TO SUIT	FF	(CL) ABOVE FINISHED FLOOR	BB	(CL) BOTTOM OF BEAM	CL	TOP OF BEAM	RELIABLE	F1FR56	RA1414	OR RECESSED SSP	CHROME	5.6	1/2"	155°	CHRRCC	74						
RESIDUAL	38 PSI	CLEAN / DRY	ORDINARY GROUP 1	WET	12 GPM	3,000 SQ. FT.	130 SQ. FT.		250 GPM	547 GPM @ 38.9 PSI		C	EYE SOCKET	FO	FIELD ORDER	FO	CUT TO SUIT	TB	(CL) TOP OF BEAM	TS	(CL) TOP OF STEEL / BOTTOM OF DECK	RELIABLE	F1FR56	RA1414	OR SSP	BRASS	5.6	1/2"	155°	N/A	159						
GPM FLOWING	2460 GPM											D	NUT & PLATE WASHER	IFOW	INSIDE FACE OF WALL	IFOW	INSIDE FACE OF WALL	TS	(CL) TOP OF STEEL / BOTTOM OF DECK	OR RECESSED SSP	CHROME	RELIABLE	F1FR56	RA1425	OR SSP	BRASS	5.6	1/2"	155°	N/A	32						
DATE & TIME	11/13/23											F	KWIK-BOLT	IFOW	OUTSIDE FACE OF WALL	IFOW	OUTSIDE FACE OF WALL	TS	(CL) TOP OF STEEL / BOTTOM OF DECK	OR RECESSED SSP	CHROME	RELIABLE	F1FR56	RA1425	OR SSP	BRASS	5.6	1/2"	155°	N/A	32						
PER: Grey & Osborne Engrs.												G	HDI-P	NAS	NO AUTO SPRINKLERS	NAS	NO AUTO SPRINKLERS	TS	(CL) TOP OF STEEL / BOTTOM OF DECK	OR RECESSED SSP	CHROME	RELIABLE	F1FR42	RA1413	OR SSP	BRASS	5.6	1/2"	155°	N/A	32						
LOCATION: SITE												G	SAMMY SIDEWINDER	UNO	UNLESS NOTED OTHERWISE	UNO	UNLESS NOTED OTHERWISE	TS	(CL) TOP OF STEEL / BOTTOM OF DECK	OR RECESSED SSP	CHROME	RELIABLE	F1FR56	RA1435	RECESSED HSSW	CHROME	5.6	1/2"	200°	CHRRCC	4						
												H	SAMMY SUPERSCREW	COJ	CUT ON JOB	COJ	CUT ON JOB	TS	(CL) TOP OF STEEL / BOTTOM OF DECK	OR RECESSED SSP	CHROME	RELIABLE	F1FR56	RA1435	RECESSED HSSW	CHROME	5.6	1/2"	200°	CHRRCC	4						
												J	COACH SCREW ROD					TS	(CL) TOP OF STEEL / BOTTOM OF DECK	OR RECESSED SSP	CHROME	RELIABLE	F1FR56	RA1435	RECESSED HSSW	CHROME	5.6	1/2"	200°	CHRRCC	4						
												K	CEILING FLANGE					TS	(CL) TOP OF STEEL / BOTTOM OF DECK	OR RECESSED SSP	CHROME	RELIABLE	F1FR56	RA1435	RECESSED HSSW	CHROME	5.6	1/2"	200°	CHRRCC	4						
												T	TRAPEZE					TS	(CL) TOP OF STEEL / BOTTOM OF DECK	OR RECESSED SSP	CHROME	RELIABLE	F1FR56	RA1435	RECESSED HSSW	CHROME	5.6	1/2"	200°	CHRRCC	4						
TOTAL PROJECT SPRINKLERS = 533																																					
NOTES: WATER MODEL																																					

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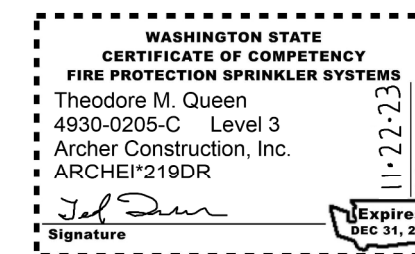
WSCL#: ARCHEI*219DR

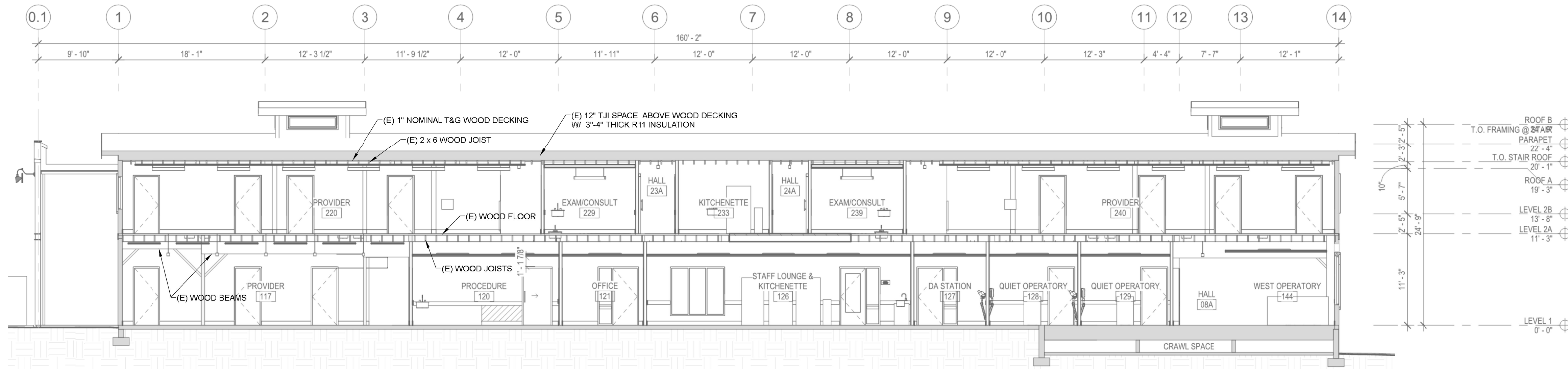
FIRE SPRINKLER DIVISION

7855 S 206TH STREET, KENT, WA 98032

PHONE 253-872-7222 FAX 253-872-7277

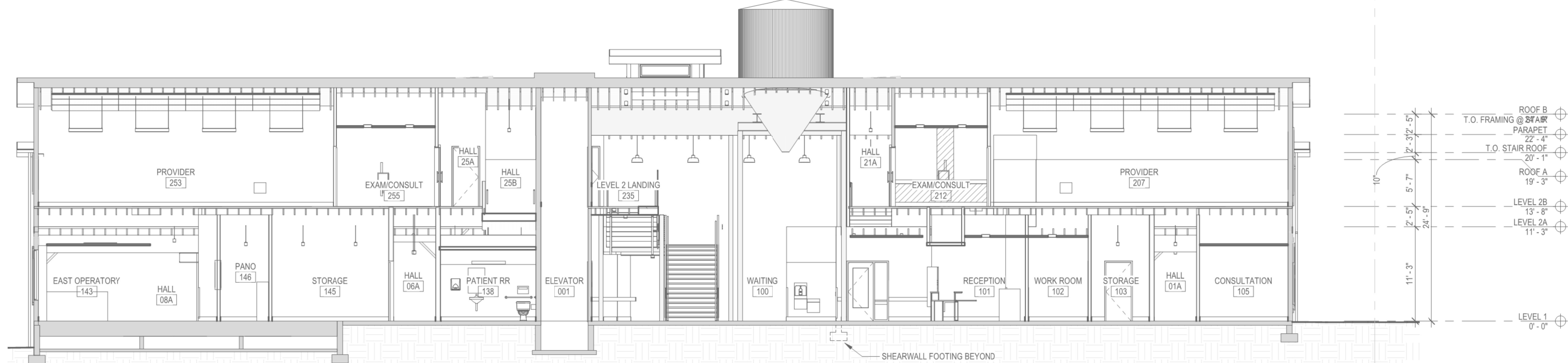
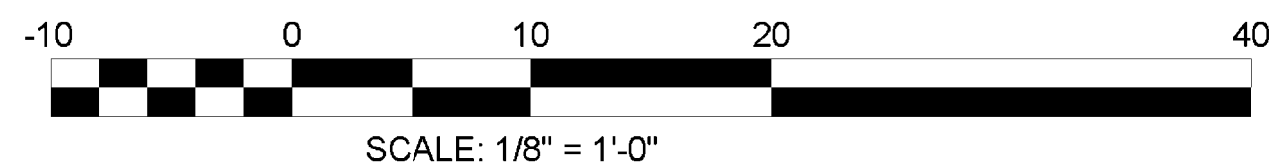
PROJECT:	CHC Puyallup Cannery	FIRE SPRINKLER PIPING PLAN
CONTRACT W/:	ALDRICH & ASSOCIATES	PERMIT NO.:
CONTACT:	Tyler Stumpf	JOB NO.:
PHONE:	206-939-0573	DESIGNER: Queen
		SCALE: As Noted
		DATE: 11/22/23
		REVISED: 11
		PLOTTED: 11





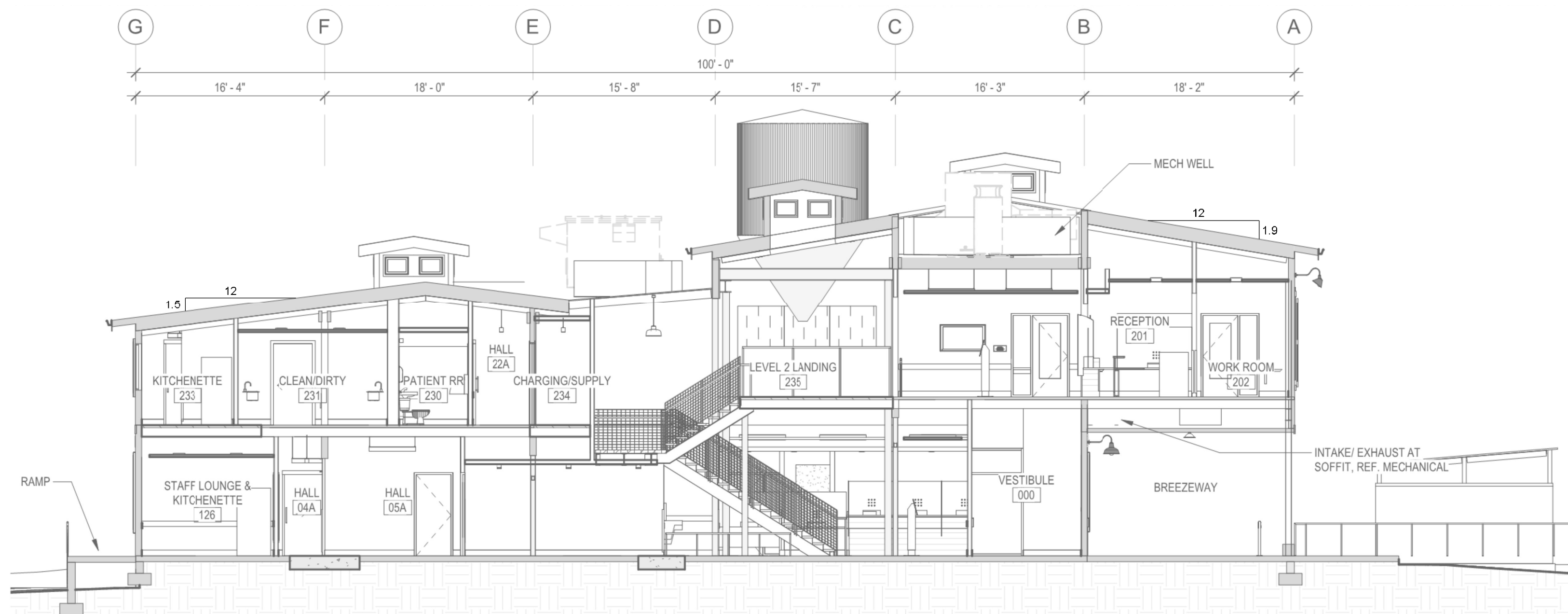
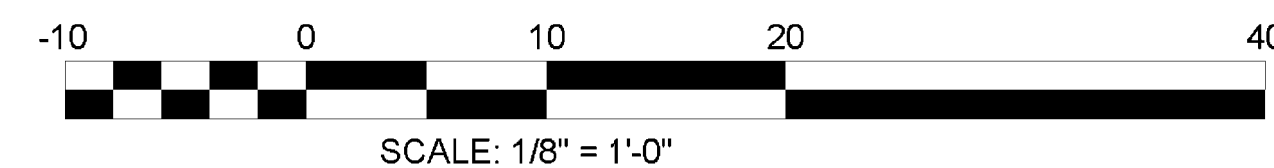
BUILDING SECTION 'A'

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



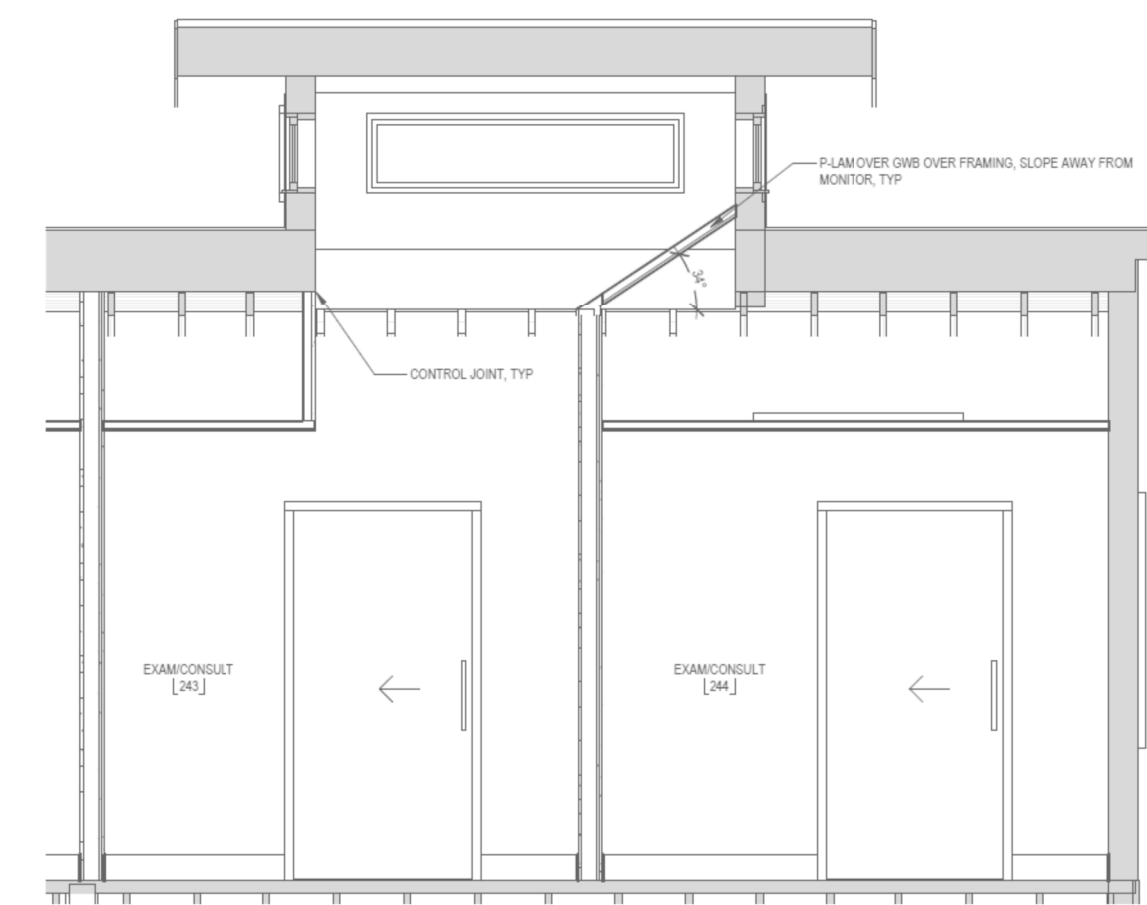
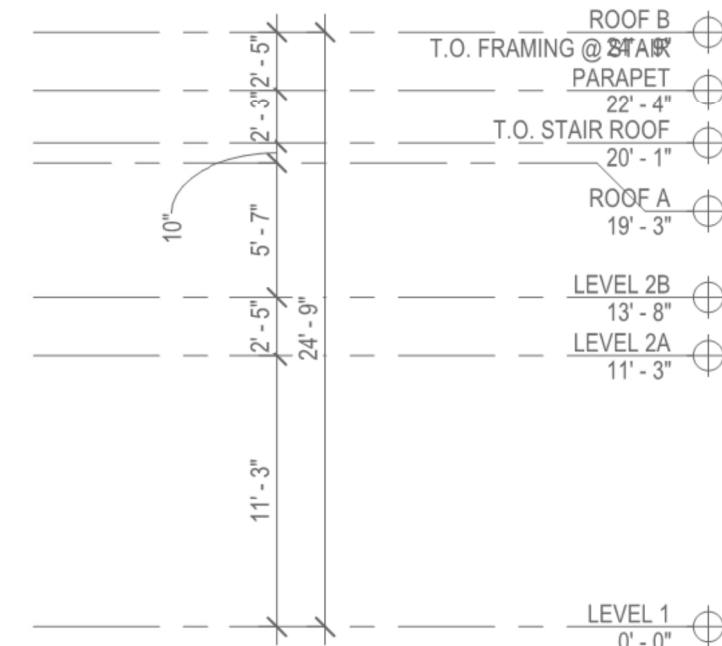
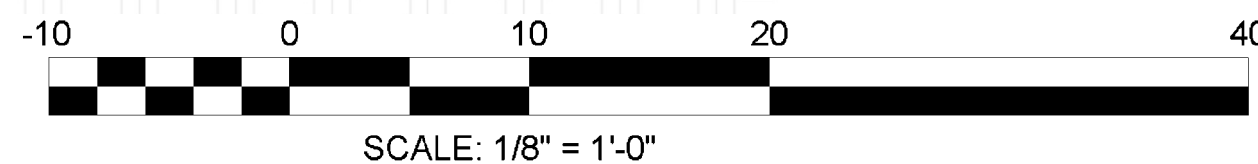
BUILDING SECTION 'B'

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



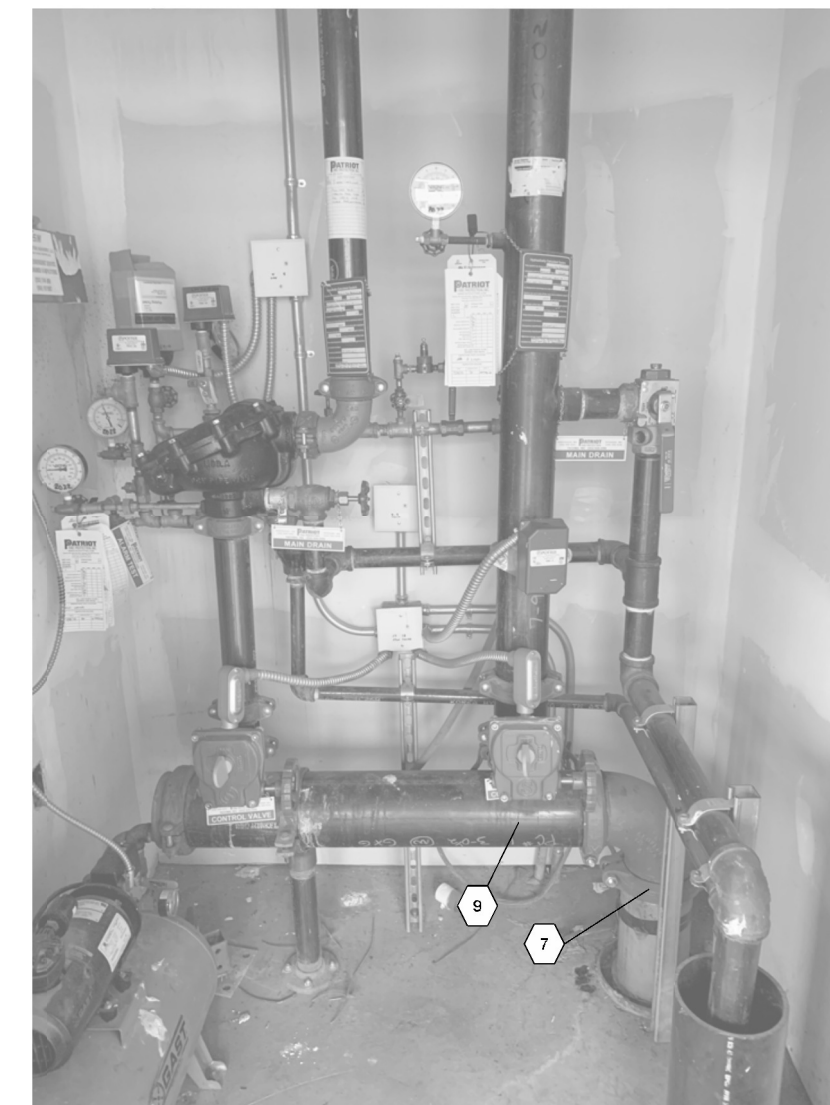
BUILDING SECTION 'C'

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



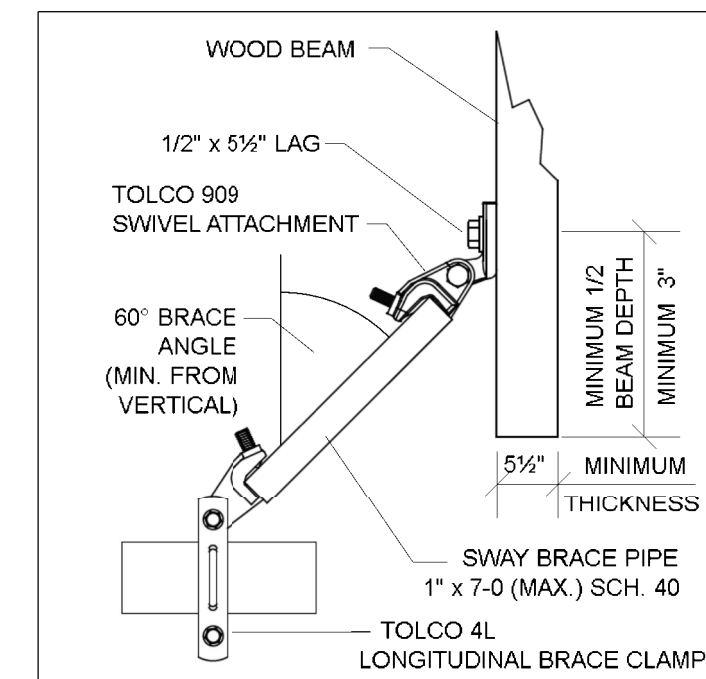
BUILDING SECTION 'D' @ MONITOR

N.T.S.



RISER ROOM VIEW 'E'

N.T.S.



LONGITUDINAL BRACE "W4"
NTS

WATER SUPPLY										HYDRAULIC DESIGN INFORMATION										HANGER ATTACHMENT		ABBREVIATIONS		SYMBOLS		SPRINKLER SYMBOLS									
STATIC	51 PSI	AREA	HAZARD CLASSIFICATION	TYPE	DENSITY	AREA SIZE	COVERAGE PER SPRINKLER	HOSE	SYSTEM DEMAND	A	BEAM CLAMP	CL	CENTERLINE OF PIPE	★ FF	(CL) ABOVE FINISHED FLOOR	SYM	MAKE	MODEL	SIN#	TYPE	FINISH	K-FAC.	THREAD	TEMP	CANOPY	QT									
RESIDUAL	38 PSI									B	SIDE BEAM BRACKET	CTS	CUT TO SUIT	★ BB	(CL) BOTTOM OF BEAM	●	RELIABLE	F1FR56	RA1414		QR RECESSED SSP	CHROME	5.6	1/2"	155°	CHRRCC	74								
GPM FLOWING	2460 GPM									C	EYE SOCKET	FO	FIELD ORDER	★ TB	(CL) TOP OF BEAM	○	RELIABLE	F1FR56	RA1414		QR SSP	BRASS	5.6	1/2"	155°	N/A	159								
DATE & TIME	11/13/23									D	NUT & PLATE WASHER	IFOW	INSIDE FACE OF WALL	★ TS	(CL) TOP OF STEEL / BOTTOM OF DECK	○	RELIABLE	F1FR56	RA1425		QR SSP	BRASS	5.6	1/2"	155°	N/A	32								
PER: Grey & Osborne Engrs.										E	KWIK-BOLT	OFOW	OUTSIDE FACE OF WALL	★	RIGID COUPLING	⊙	RELIABLE	F1FR42	RA1413		QR RECESSED SSP	CHROME	4.2	1/2"	155°	CHRRCC	125								
LOCATION: SITE										F	HDI-P	NAS	NO AUTO SPRINKLERS	★	FLEXIBLE COUPLING	⊙	RELIABLE	F1FR42	RA1413		QR SSP	BRASS	4.2	1/2"	155°	N/A	139								
										G	SAMMY SIDEWINDER	UNO	UNLESS NOTED OTHERWISE	★		◀	RELIABLE	F1FR56	RA1435		RECESSED HSSW	CHROME	5.6	1/2"	200°	CHRRCC	4								
										H	SAMMY SUPERSCREW	COJ	CUT ON JOB																						
										J	COACH SCREW ROD																								
										K	CEILING FLANGE																								
										T	TRAPEZE																								
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PROJECT: CHC Puyallup Cannery
201 W. Main St
Puyallup, WA 98371

CONTRACT W/: ALDRICH & ASSOCIATES

CONTACT: Tyler Stumpf

PHONE: 206-939-0573

FIRE SPRINKLER
PIPING PLAN

PERMIT NO.: -

JOB NO.: 523-90

AUTHORITY: Puyallup

DESIGNER: Queen

SCALE: As Noted

DATE: 11/22/23

REVISED: 11

PLOTTED: 11

FP 3 OF 3