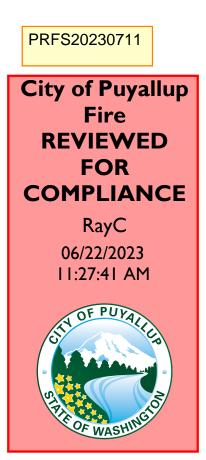
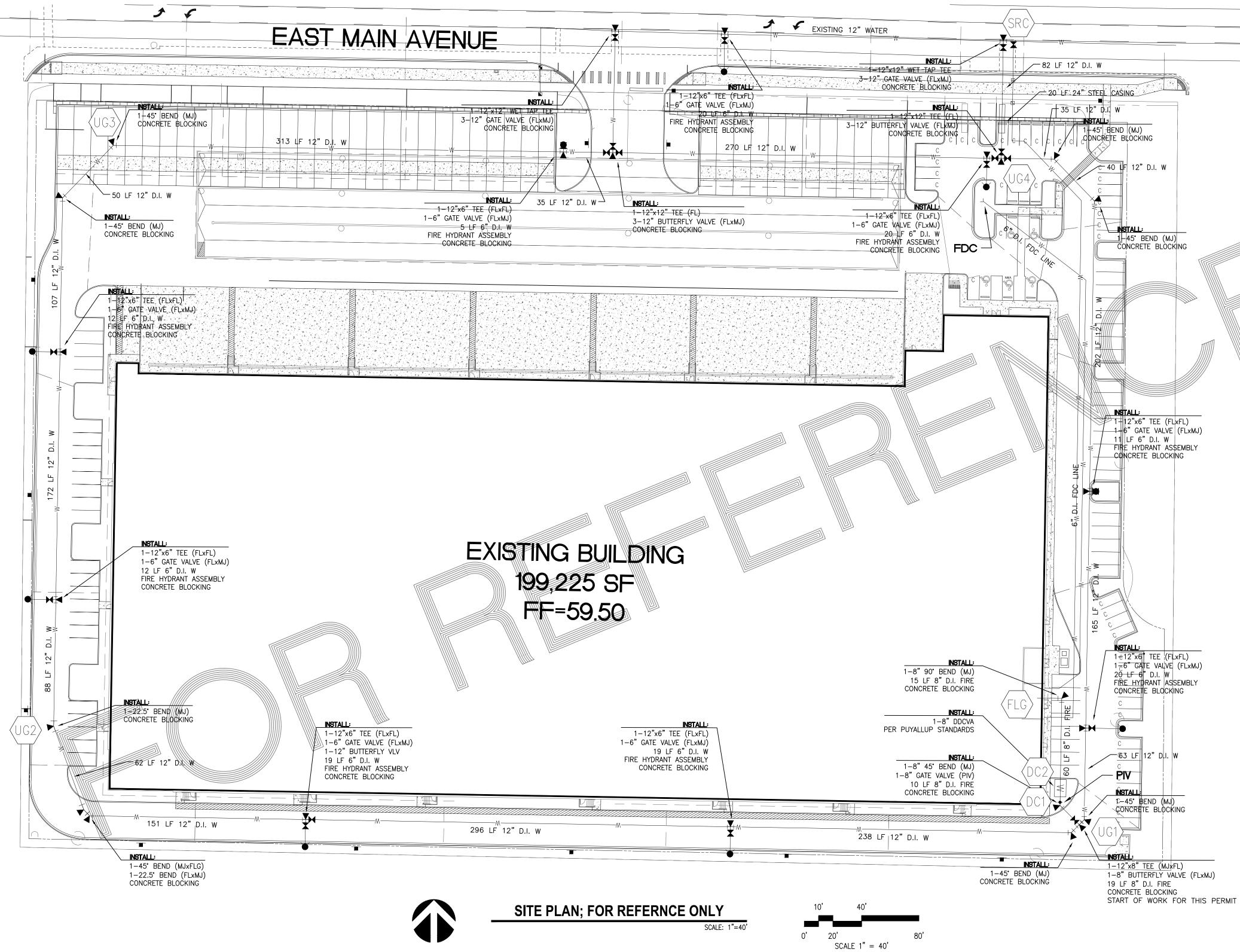
SCOPE OF WORK

1. TENANT IMPROVEMENT FIRE SPRINKLER WORK TO ADD NEW COVERAGE IN NEW MODULAR ROOMS, SPRAY BOOTHS, AND LASER DUST COLLECTOR. EXISTING OVERHEAD SYSTEMS TO REMAIN.

DESIGN CRITERIA:







1. <u>OFFICE SPACES & CONTROL ROOMS</u> LIGHT HAZARD OCCUPANCY – HYDRAULICALLY CALCULATED TO PROVIDE A DENSITY OF .10/900 SQ. FT. AREA REDUCED BY 40% PER NFPA 13 11.2.3.2.3 2. <u>DETAILED ASSEMBLY</u> ORDINARY HAZARD GROUP 2 OCCUPANCY – HYDRAULICALLY

CALCULATED TO PROVIDE A DENSITY OF .20/900 SQ. FT. AREA REDUCED BY 40% PER NFPA 13 11.2.3.2.3

> 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.

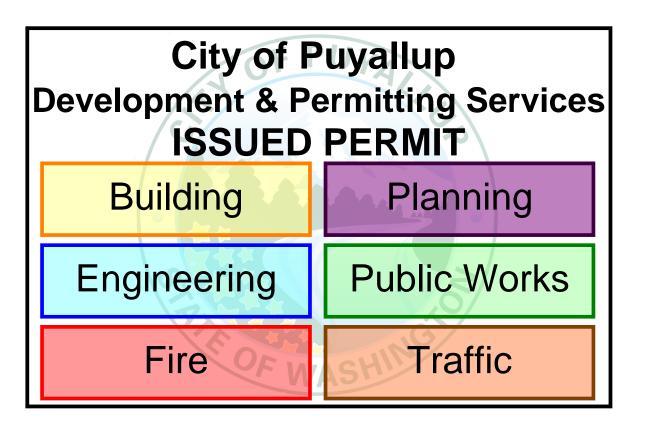
THE APPROVED CONSTRUCTION PLANS AND ALL ENGINEERING MUST BE POSTED ON THE JOB AT ALL INSPECTIONS IN A VISIBLE AND READILY ACCESSIBLE LOCATION.

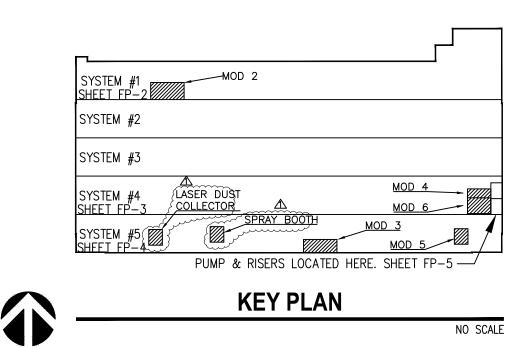
Subject to engineer report revised June 13, 2023. Installation in accordance with applicable codes and standards.

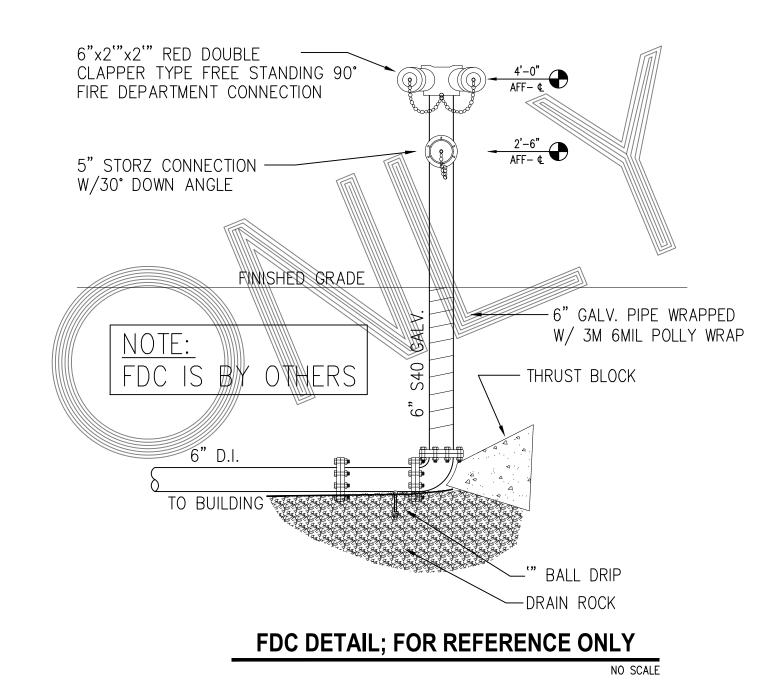
FLOW TEST

STATIC RESIDUAL FLOW LOCATION

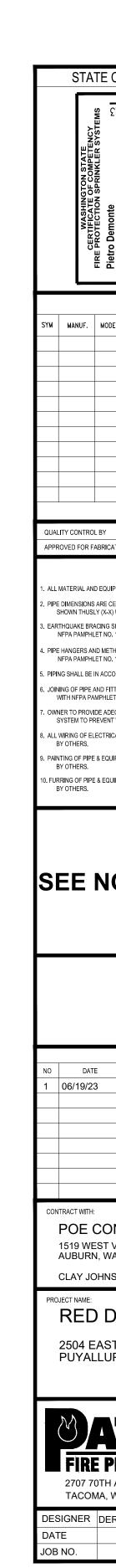
55 PSI 45 PSI 1,182 GPM EAST MAIN



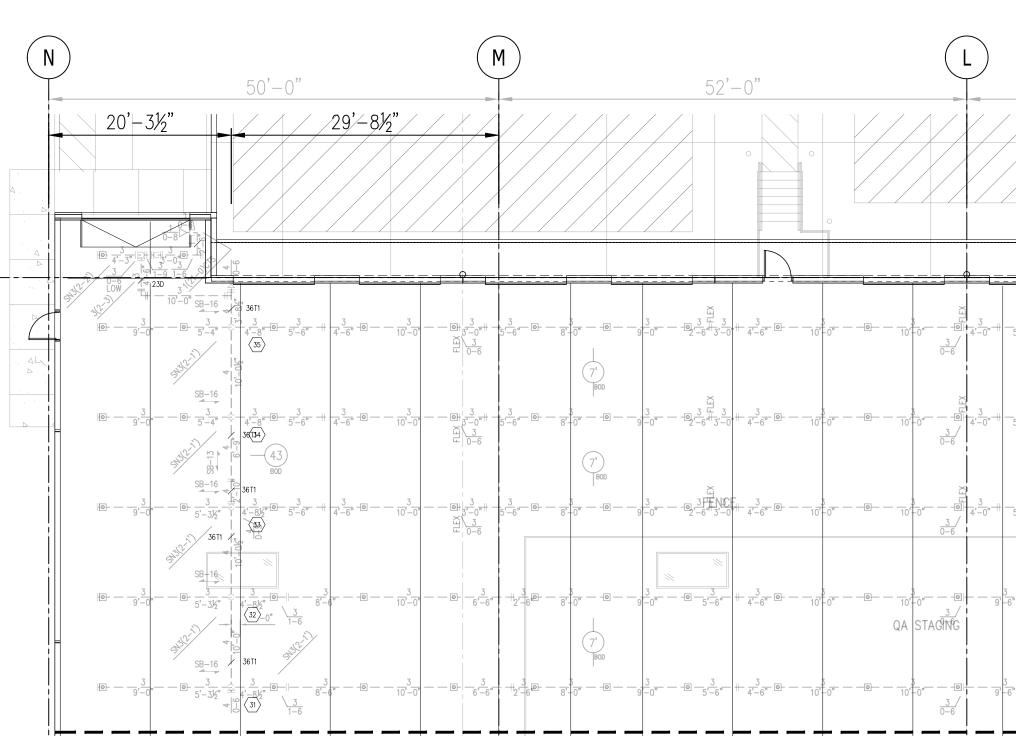




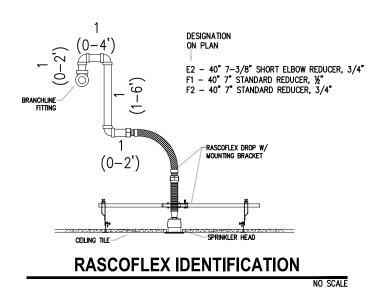




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	G	56'-0"	F	5	6'-0"	E	56'-	-0"	D	56'-0"	(C	
				• •				•	•				
- @- 3 4-6" +	$ \underbrace{\overset{SB-14}{\underset{5}{}^{3}-0"}}_{\text{H}_{2}} \underbrace{\overset{3}{\underset{-6}{}^{3}}}_{-6} \underbrace{P}_{-} - \underbrace{\overset{3}{\underset{-10}{}^{3}}}_{-10"} \underbrace{OU}_{-0"}_{-0"} - \underbrace{OU}_{-10'}_{-10"} \underbrace{OU}_{-10"}_{-10"} \underbrace{OU}_{-10"} \underbrace{OU}_{-10"} \underbrace{OU}_{-10"} \underbrace{OU}_{-10"}_{-10"} \underbrace{OU}_{-10"}_{-10"} \underbrace{OU}_{-10"} \underbrace{OU}_{-10"}$	TBOUND $\underset{\substack{N} TAINER \\ = 0^3}{\overset{D}{\longrightarrow}} \underbrace{\mathbb{P}_{2^{-6^{*}}}^{3}}_{-6^{*}} \underbrace{\mathbb{P}_{2^{-6^{*}}}^{3}}_{-0^{*}} \underbrace{\mathbb{P}_{4^{*-6^{*}}}^{3}}_{-6^{*}} \underbrace{\mathbb{P}_{2^{*}}}_{-10^{*}} \underbrace{\mathbb{P}_{2^{*}}}_{-10^$	$ \underbrace{ \begin{array}{c} \text{OUTBOUND} \\ \text{OUTBOUND } \\ \text{OUTBOUND} \\ \text{OUTBOUND} \\ \text{OUTBOUND} \\ \text{OUTBOUND} \\ OU$	5 ³ -6" - O	$- \frac{D_{\Theta}}{10^{1} - 0^{1}} - \frac{D_{\Theta}}{10^{1} - 0^{1}} - \frac{1}{10^{1} - 0^{1}} - \frac{1}{10^{1$	$\begin{array}{c} 3 \\ 3 \\ -0^{*} \end{array} \xrightarrow{3} \\ -0^{*} \end{array} \xrightarrow{3} \\ -0^{*} \end{array} \xrightarrow{3} \\ -0^{*} \\ 3^{*} \\ -0^{*} \\ 3^{*} \\ -0^{*} \\ 3^{*} \\ -0^{*} \\ 3^{*} \\ -0^{*} \\ 0^$	IG 2	SHIPPING 3 3 000R 3 3 7-0 ^{#H} 2'-6 ^{IP} 10'-0" - IO - 10'	SHIPPING $3 \xrightarrow{3}{-0^{*}} \xrightarrow{3}{-0^{*}} \xrightarrow{1}{+} \xrightarrow{3}{4^{*}-6^{*}} \xrightarrow{9}{-0^{*}} \xrightarrow{4} \xrightarrow{-1}{-10^{*}}$	$\overset{2}{\underset{0^{*}}{\overset{0^{*}}{=}}} - \underbrace{\overset{3}{\underset{10^{+}}{\overset{3}{=}}}}_{0^{*}} - \underbrace{\overset{3}{\underset{0^{-}}{\overset{3}{\underset{0^{-}}{\overset{3}{=}}}}}_{0^{-}} + \underbrace{\overset{3}{\underset{0^{+}}{\overset{3}{\underset{0^{+}}{\overset{3}{\underset{0^{+}}{\overset{3}{=}}}}}}_{0^{+}} + \underbrace{\overset{3}{\underset{0^{+}}{\underset{0^{+}}{\overset{3}{\underset{0^{+}}{\overset{3}{\underset{0^{+}}{\overset{3}{\underset{0^{+}}{\overset{3}{\underset{0^{+}}{\underset{0^{+}}{\underset{0^{+}}{\underset{0^{+}}{\overset{3}{\underset{0^{+}}{\underset{0^{+}}{\overset{3}{\underset{0^{+}}{\atop_{0^{+}}{\underset{0^{+}}{\underset{0^{+}}{\underset{0^{+}}{\underset{0^{+}}}{\underset{0^{+}}{\underset{0^{+}}{\underset{0^{+}}}{\underset{0^{+}}{\underset{0^{+}}{\underset{0^{+}}{\underset{0^{+}}{\underset{0^{+}}{\underset{0^{+}}}{\underset{0^{+}}{\underset{0^{+}}{\underset{0^{+}}}{\underset{0^{+}}{\underset{0^{+}}{\underset{0^{+}}}{\underset{0^{+}}{\atop_{0^{+}}{\underset{0^{+}}{\underset{0^{+}}{\atop_{0^{+}}{\underset{0^{+}}}{\underset{0^{+}}{\underset{0^{+}}{\underset{0^{+}}}{\underset{0^{+}}{\underset{0^{+}}{\underset{0^{+}}}{\underset{0^{+}}{\underset{0^{+}}{\underset{0^{+}}}{\underset{0^{+}}{\underset{0^{+}}{\atop_{0^{+}}}{\underset{0^{+}}{\underset{0^{+}}{\underset{0^{+}}}{\underset{0^{+}}{\underset{0^{+}}{\underset{0^{+}}}{\underset{0^{+}}{\underset{0^{+}}{\underset{0^{+}}{\underset{0^{+}}{0^{+}}{\underset{0^{+}}{\underset{0^{+}}{\underset{0^{+}}{\atop_{0^{+}}{\atop_{0^{+}}{\underset{0^{+}}{0^{+}}{\underset{0^{+}}{\atop_{0^{+}}{\underset{0^{+}$	PING R 5	10 ⁻⁰ ^{10⁻⁰} ^{10⁻⁰} ^{10⁻⁰} ^{10⁻⁰}	
- 0- 3 4-6" +	$\begin{array}{c} SB = 14 \\ + \frac{3}{5^{-0}} + \frac{3}{2^{-6}} e^{-} - \frac{3}{10' + 0} e^{-} - \frac{3}{10} e^{-} - \frac{3}{10' + 0} e^$	$\frac{3}{3} \underbrace{\mathbb{O}_{2}}_{-6''} \underbrace{\frac{3}{5'}}_{-6'''} \underbrace{\frac{3}{5'}}_{-0'''} - \underbrace{\frac{3}{4'-6''}}_{-6''} - \underbrace{-10'}_{-10''}$	$\frac{3}{10^{n}}$ $\overline{0}$ $\frac{3}{10^{1}}$ - $\overline{0^{n}}$ - $\overline{0^{n}}$ + $\frac{3}{10^{2}}$ + $-\frac{3}{10^{2}}$ + $-\frac{3}{10$	$\frac{3}{10^{-6^{n}}}$ - $\overline{0}$ - $\frac{3}{10^{-0^{n}}}$ - $\overline{0}$ - $\overline{0}$ - $\frac{3}{9^{-6^{n}}}$ -	$- \frac{3}{10^{-1} - 10^{-1} - 0^{-1}} - \frac{3}{10^{-1} - 0^{-1}} - \frac{3}{10$	$\frac{3}{20^{n}} $	$\overline{3}^{0^{m}} 0 10^{\frac{5}{10^{m}}} - 0^{\frac{5}{10^{m}}} - 0^{\frac{3}{10^{m}}} + 5^{\frac{5}{10^{m}}}$	<u>3</u> ³ ³ ³ ³ ³ ³ ³ ³ ³ ³	$\frac{3}{-0^{n}} \frac{3}{2^{n}} \frac{3}{-6^{n}} + \frac{3}{5^{n}} - \frac{3}{6^{n}} = \frac{3}{10^{n}}$	$\frac{3}{2} \frac{3}{0^{m}} - \frac{3}{10^{m}} - \frac{3}{10^{m}} - \frac{3}{10^{m}} - \frac{3}{10^{m}} + \frac{3}{4^{m}} + $	6" ®	EX 10 ⁻⁰ 10 ⁻⁰ 10 ⁻⁰ 10 ⁻⁰ 10 ⁻⁰ 10 ⁻⁰	
- @- $\frac{3}{4^2-6^{9}}$	$= \frac{3}{10^{\circ}} + \frac{3}{2} - \frac{3}{6} = \frac{3}{10^{\circ}} = \frac{3}{10^{\circ}} = \frac{3}{10^{\circ}} = \frac{3}{10^{\circ}} =$	$\begin{bmatrix} 3 \\ -0^n \\ - \\ 0^n \\ - \\ 0^n \\ - \\ 0^n \\ - \\ 0^n \\ 0^n \\ - \\ 0^n \\ 0^n \\ - \\ 0^n \\ 0^n$	$\frac{3}{10^{-0}}$		$ \boxed{0} \frac{3}{10^{+}0^{+}} \boxed{0} \frac{3}{10^{+}}$	$\begin{array}{c} 3 \\ -0^{*} \\ -$	$a^{m} - a^{m} - a^{m$	$ \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array} \begin{array}{c} \end{array} \end{array} \begin{array}{c} \end{array} \end{array} \begin{array}{c} \end{array} \end{array} \begin{array}{c} \end{array} \end{array} $ \begin{array}{c} \end{array} \end{array}	$\frac{3}{10^{4}}$ $\frac{3}{10^{2}}$ - $\frac{3}{10^{4}}$ + $\frac{3}{4^{2}}$ - $\frac{3}{10^{4}}$ - 3		$f_{0}^{*} = -\frac{1}{10^{+}0^{*}} = -\frac{1}{10^{+}0^{*}} - \frac{1}{10^{+}0^{*}} - \frac{1}{1$		
- @ <u>5</u> -6"	$SB-14$ $SB-14$ $SB-14$ $SB-14$ $SB-14$ $SB-14$ $SB-10^{4}$ $SB-10^{4}$ $SB-10^{4}$ $SB-10^{4}$ $SB-10^{4}$ $SB-10^{4}$	$3^{-1} - 0$	$\frac{3}{-0^{''}} - \frac{3}{-0^{''}} - \frac{3}{5'-6''} + \frac{3}{4'-6''} - \frac{3}{-0'} + \frac{3}{10'+0''}$		$ 0 \frac{3}{10^{+}0^{*}} 0 - \frac{3}{5^{-}6^{*}}$	$+ -5 \qquad 10 + 0 \qquad - 10^{-1} + - 3$	0^{-} $ 0^{+}$ $ 9^{+}$ $ 0^{-}$ $ 0^{-}$ $ 0^{-}$ $ 10^{-}$	$\frac{5}{-0^{n}}$ - $\boxed{0}$ $\frac{3}{5^{2}-6^{n}}$ $\boxed{1-\frac{3}{4^{2}-6^{n}}}$ $\boxed{10^{2}}$		$\frac{3}{-6^{''}} \boxed{0} \frac{3}{10^{'}+0^{''}} \boxed{0} - \frac{3}{5^{'}-6^{''}} + \frac{3}{4^{'}-1}$			7' BOD - @
	+		\		+		0-6			┝ — — 		30-6	+

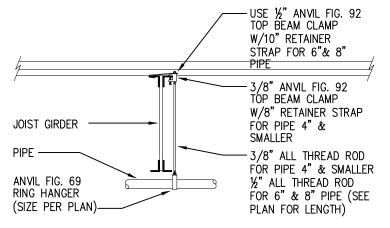


METAL DECK — (MINIMUM GAUGE 22) -

SPRINKLER HANGER "R"

— 3/8" TOLCO FIG. 58 EYELET BRANCHLINE ── 3/8" ALL THREAD ROD (2" MAX) & RING HANGER SIZE PER PLAN

SPRINKLER BRANCHLINE HANGER "E" PERPENDICULAR TO JOISTS

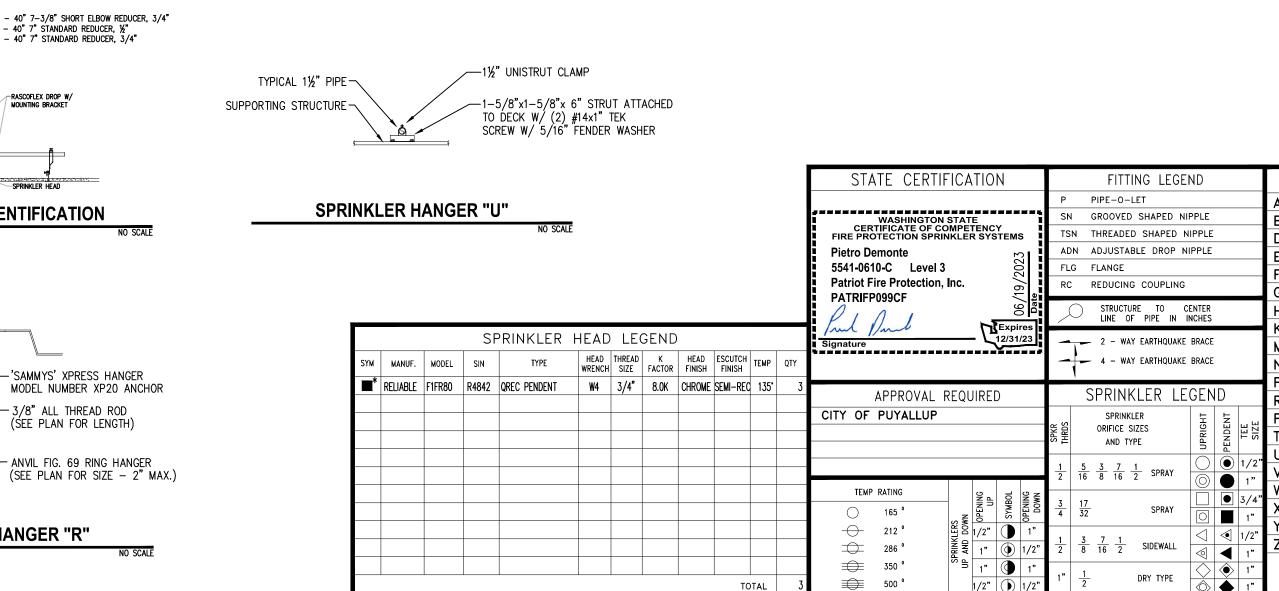


SPRINKLER HANGER "D" PERPENDICULAR TO JOISTS

56'-0"	K	56'-0"	L	56'
		D		
-5 - 6 - 0 - 10 + 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	$ 0 \frac{3}{10^{'} - 0^{''}} - 0 - \frac{3}{4^{'} - 6^{''}} - \frac{3}{10^{'} - 0^{''}} - \frac{3}{10^{''} - 0^{'''}} - \frac{3}{10^{''} - 0^{'''}} - \frac{3}{10^{''} - 0^{''}} - \frac{3}{10^{''} - 0^{'''}} - \frac{3}{10^{''} - 0^{''''}} - \frac{3}{10^{'''} - 0^{'''''}} - \frac{3}{10^{'''} - 0^{''''''}} - \frac{3}{10^{''''} - 0^{'''''''''''}} - \frac{3}{10^{'''''''''''''''''''''''''''''''''''$	$\mathbb{P} = \frac{3}{10^{+}0^{0}} \mathbb{P} = \frac{3}{10^{+}0$	= = = = = = = = = = = = = = = = = = =	RECEIVING - 3 10'-0" DOCK3 3 10'-0"
$-\underbrace{\frac{3}{5'-6''}}_{n} @ - \underbrace{\frac{3}{10'+0''}}_{n} - \underbrace{-0}_{n} - \underbrace{\frac{3}{9'-6''}}_{0} - \underbrace{-\frac{3}{10'-0''}}_{0-6} + \underbrace{\frac{3}{10'-0''}}_{0-6} + \underbrace{-\frac{3}{10'-0''}}_{0-6} + \underbrace{-\frac{3}{10'-0$		$\mathbf{K} = -\mathbf{e}_{4r-6} + \mathbf{e}_{7} $	$ +\frac{5}{10^{7} + 0^{9}} \frac{3}{2^{7} - 6^{9}} + \frac{3}{5^{7} - 0^{9}} + \frac{3}{4^{7} - 6^{9}} $	
$-\frac{3}{5^{-}6^{''}} = -\frac{3}{10^{'}+0^{''}} = -\frac{3}{9^{-}6^{''}} = -\frac{3}{10^{'}+0^{''}} = -\frac{3}{9^{-}6^{''}} = -\frac{3}{10^{'}+0^{''}} = -\frac{3}{10^{'}+0^{''}} = -\frac{3}{9^{-}6^{''}} = -\frac{3}{10^{'}+0^{''}} = -\frac{3}{10^{'}+0^{''}} = -\frac{3}{9^{-}6^{''}} = -\frac{3}{10^{''}+0^{''}} = -\frac{3}{10^{''}+0^{''}} = -\frac{3}{10^{''}+0^{''}} = -\frac{3}{9^{-}6^{''}} = -\frac{3}{10^{''}+0^{''}} = -3$		ALL NEW <u>6" MECH-TEE</u> $3 - \frac{3}{10^{+} 0^{*}}0 - \frac{3}{2^{+} -6^{*}} - \frac{3}{10^{+} 2^{-} -6^{*}} - \frac{3}{10^{+} -0^{*}} - 0 - 0$		
$\frac{3}{6^{n}} \boxed{9} + \frac{3}{10^{\prime}} - \frac{3}{5^{\prime}} - \frac{3}{5^{\prime}} - \frac{3}{6^{n}} + \frac{3}{4^{\prime}} - \frac{3}{6^{n}} - \frac{3}{10^{\prime}} - \frac$	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		TYPICAL HANGER TO BE '4E' U.N.Q. $H - \frac{3}{976^{\circ}} - \frac{3}{60^{\circ}} - \frac{3}{10^{\circ} - 0^{\circ}} - \frac{3}{10^{\circ} - 0^{\circ}} - \frac{3}{56^{\circ}} - \frac{3}{56^{\circ}} - \frac{3}{10^{\circ} - 0^{\circ}} - \frac{3}{10^{\circ} - 0^{\circ}} - \frac{3}{56^{\circ}} - $	$\frac{5}{6^{n}} + \frac{3}{4^{7}-6^{n}} \odot - \frac{5}{10^{7}-0^{n}} - \odot$
$\frac{3}{6^{n}} - 0 - \frac{3}{10^{1} - 0^{n}} - 0 - \frac{3}{5^{1} - 6^{n}} + \frac{3}{4^{1} - 6^{n}} - 0 - \frac{3}{10^{1} - 0^{n}} - \frac{3}{10^{1} - 0^{n}$		- - - - - - - - - - - - - - - - - - -	WARRANTY $\begin{array}{c} & \\ H & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\$	<u>6</u> 6

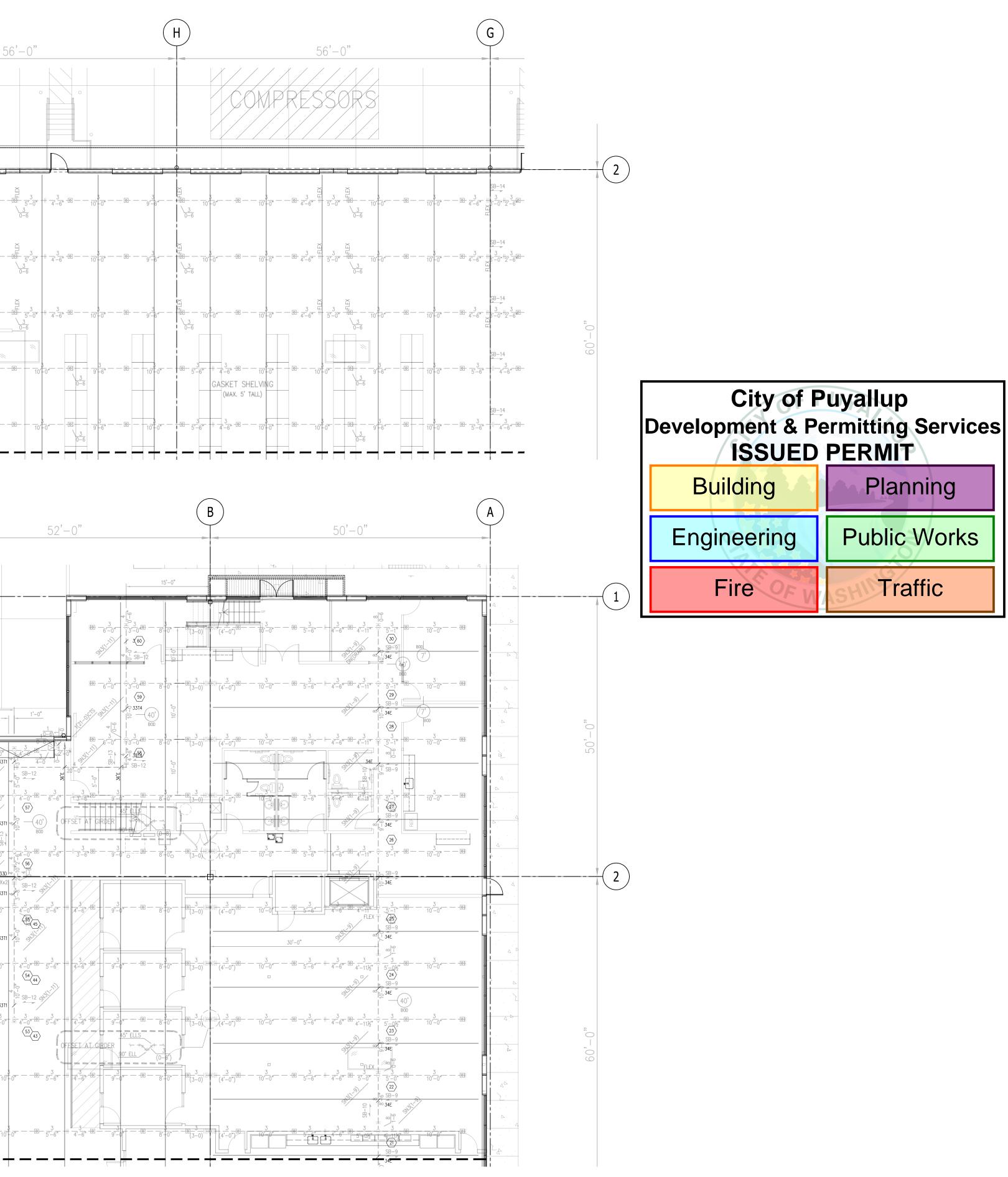
SYSTEM #1 FIRE SPRINKLER PLAN SCALE: 3/32"=1'-0"

0' 5' 2^{\prime} SCALE $3/32^{\prime} = 1'-0^{\prime}$ 20



TOTAL

1/2" 🕦 1



Γ	
SYSTEM #1 MOD 2 SHEET FP-2	
SYSTEM #2	
SYSTEM #3	
SYSTEM #4 {LASER DUST} SHEET FP-3 {COLLECTOR}	MOD 4
SYSTEM #5	MOD 3 MOD 5
PUMP & RISERS LOCATED HE	RE. SHEET FP-5 —
KEY PLAN	

NO SCALE

Planning

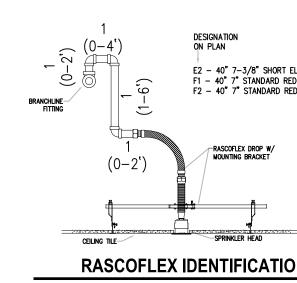
Public Works

Traffic

HANGER LEGEND A "U" HOOK	QUALITY CONTROL BY DATE APPROVED FOR FABRICATION BY DATE	DESIGN CRITERIA	CONTRACT WITH: POE CONSTRUCTION
B COACH SCREW RODD BM. CLAMP W/ "STRAPE EYELET	ALL MATERIAL AND EQUIPMENT TO BE NEW AND UL LISTED OR FM APPROVED. PIPE DIMENSIONS ARE CENTER TO CENTER EXCEPT RISERS & DIMENSIONS	SEE NOTES FP-1	1519 W VALLEY HWY N, SUITE 103 AUBURN, WA 98001 CLAY JOHNSON: 253–833–2400
FFLUSHSHELLGCEILINGFLANGEHSIDEBEAMBRACKET	SHOWN THUSLY (X-X) WHICH ARE END TO END. 3. EARTHQUAKE BRACING SHALL BE PROVIDED IN ACCORDANCE WITH NFPA PAMPHLET NO. 13, 2016 EDITION.		project name: RED DOT TI
K SHORT CLIP M ALL THREAD ROD	 PIPE HANGERS AND METHOD OF HANGING TO BE IN ACCORDANCE WITH NFPA PAMPHLET NO. 13, <u>2016</u> EDITION. PIPING SHALL BE IN ACCORDANCE WITH NFPA PAMPHLET NO. 13, <u>2016</u> EDITION 	PIPE NOTES 1. WELDED/GROOVED MAIN PIPING TO BE SCH. 10 BLACK PIPE 2. WELDED/GROOVED BRANCH LINE PIPING TO BE EDDY FLOW PIPE	2504 EAST MAIN PUYALLUP, WA 98372
NTOGGLENUTPPOWDERDRIVENSTUDRSAMMYXPRESS	 JOINING OF PIPE AND FITTINGS, THREADED & WELDED, SHALL BE IN ACCORDANCE WITH NFPA PAMPHLET NO. 13, 2016 EDITION. OWNER TO PROVIDE ADEQUATE HEAT IN AREAS PROTECTED BY A WET PIPE SPRINKLER 	3. THREADED PIPING TO BE SCH. 40 BLACK PIPE.	
P PIPE SPIKE T TRAPEZE HANGER	SYSTEM TO PREVENT WATER IN PIPES FROM FREEZING. 8. All wiring of electrical devices (if required) to be provided by others.	REVISIONS NO DATE BY DESCRIPTION	
U V	 PAINTING OF PIPE & EQUIPMENT (IF REQUIRED) TO BE PROVIDED BY OTHERS. FURRING OF PIPE & EQUIPMENT (IF REQUIRED) TO BE PROVIDED 	NO DATE BT DESCRIPTION 1 06/19/23 DJS UPDATED AREA OF COVERAGE PER FPE REPORT	WWW.PATRIOTFIRE.COM Derek.Strickland@PatrioFfire.com FIRE PROTECTION, INC.
W WALL BRACKET HANGER X Y	BY OTHERS.		2707 70TH AVENUE EAST TEL: (253) 926-2290 TACOMA, WA 98424 FAX: (253) 922-6150
Z			DESIGNER DEREK STRICKLAND SHEET DATE 05-19-2023 2 OF 5 FP-2
			JOB NO. 11-2404 2 OF 5

50'-0"	M	52'—	0"	L		56'-0"	K	56'-O"		
	-81/2"		-							4
		-++-+	+	++		(SLAB SAW CUT)		-++-	+	· +
$10^{-} - \frac{3}{10^{-} - 0^{-}} - 0^{-} \frac{3}{5^{-} - 2^{-}} \stackrel{?}{\underset{4}{\overset{5}{\overset{-}}} \frac{3}{4^{\prime} - 10^{-}} - 0^{-} \frac{3}{4^{\prime} - 6^{-}} - 1 + \frac{3}{5^{-} - 6^{+}} \frac{3}{5^{-} - 6^{+}} \stackrel{?}{\underset{5}{\overset{5}{\overset{-}}} = 1 + \frac{3}{5^{-} - 6^{+}} \frac{3}{5^{-} - 6^{+}} \frac{3}{5^{-} - 6^{+}} \stackrel{?}{\underset{5}{\overset{5}{\overset{5}{\overset{-}}}} = 1 + \frac{3}{5^{-} - 6^{+}} \frac{3}{5^{-} - 6^{+}} \frac{3}{5^{-} - 6^{+}} \stackrel{?}{\underset{5}{\overset{5}{\overset{5}{\overset{5}{\overset{5}{\overset{5}{\overset{5}{5$	$- \textcircled{0} - \underbrace{3}_{10'-0''} - \underbrace{-}_{(4-0)} \underbrace{3}_{(4-0)} + \underbrace{3}_{(0-6)} \underbrace{3}_{(0-6)}$	$\vdash -\frac{5}{8^{+}0^{*}} - \textcircled{0}9\frac{3}{9^{-}0^{*}} - \textcircled{0} -\frac{3}{5^{*}-6^{*}} +$	$-\frac{3}{4'-6''}$ $-\frac{5}{10'}$ $-\frac{5}{10''}$ $-\frac{5}{10''}$ $-\frac{5}{10''}$ $-\frac{5}{10''}$	$\frac{3}{9^{7}-6^{7}}$				$\frac{3}{10^{+}-0^{m}} $	$- \textcircled{0} \cancel{10'}^{\frac{3}{4}} \cancel{0''} \cancel{0} + \cancel{9'}^{\frac{3}{4}} \cancel{0''}^{-6''} \cancel{0} \cancel{0''}^{\frac{3}{4}} \cancel{0''}^{-6''} \cancel{0''}^{\frac{3}{4}} \cancel{0''}^{-6'''} \cancel{0''}^{\frac{3}{4}} \cancel{0''}^{-6''} $	$\frac{1}{10^{+}0^{*}} - \frac{1}{10^{+}0^{*}} - \frac{3}{5^{*}-6^{*}} - \frac{3}{10^{+}-6^{*}} - \frac{3}{10^{+}0^{*}} - 3$
$ \textcircled{O}\frac{3}{10^{-} \textcircled{O}^{-}} \underbrace{\bigcirc}_{15}^{-} \underbrace{\bigcirc}_{15}^{-} \underbrace{\bigcirc}_{15}^{-} \underbrace{\bigcirc}_{10^{-}}^{-} \textcircled{O} - \underbrace{\bigcirc}_{10^{-}}^{-} \underbrace{\odot}_{10^{-}}^{-} \underbrace$		BOD BOD 8'-0" D 9-0" D 5'-6"	3 3 3 3 4'-6" © 10'-0" © 10'-0		10,-0, 10,-0	<u>3</u> <u>5'−6"</u> 1 <u>4'−6</u> " 1 <u>0</u> <u>10</u> " 1 <u>10</u> "		10 ⁻ 0 [™] ³ 5 ⁻ -6 [™] ⁴ + ⁻ 6 [™] ⁵ 10 ⁺ -0 [™] SYSTEM #4	■ 10 [°] −0 [°]	3 10'-0" © 5'-6" 4'-6" © 10'-0"
$10^{-} - \frac{3}{10^{-} - 0^{-}} = \frac{3}{5^{-} - 2^{-}} + \frac{3}{4^{+} - 10^{+}} = \frac{3}{4^{+} - 6^{-}} + \frac{3}{5^{-} - 6^{-}} + \frac{3}{5^{-$		⊢− _{8⁷−0[#]} −∞−− ₉ ³ −−∞− ₅ , ³ −+ AMADA & C5 TURRETS (SLAB SAW CUT)	-4 ³ -6 ["] -0	$\frac{3}{9^{-6^{-7}}}$				$\frac{3}{10^{-}0^{"}}0^{-} \frac{3}{5^{-}6^{"}} + -\frac{3}{4^{-}6^{"}}\frac{3}{10^{+}0^{"}} \frac{3}{10^{+}0^{"}} $	$- \textcircled{0} \underbrace{10^{7}}_{10^{7}} - \underbrace{0^{7}}_{0^{7}} - \underbrace{0}_{0^{7}} - \underbrace{0}_{9^{7}}_{0^{6}} - \underbrace{0}_{0^{7}}_{0^{7}} - \underbrace{0}_{0^{7}} - \underbrace{0}_{0^{7}} - \underbrace{0}_{0^{7}}_{0^{7}} - \underbrace{0}_{0^{7}} - \underbrace{0}_{0^{7}$	$\frac{1}{10}, \frac{1}{10}, \frac{1}$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$- \textcircled{P} \frac{3}{10^{'} - 0^{''}} - \textcircled{P} + \underbrace{\frac{3}{4 - 0}}_{(4 - 0)} + \underbrace{(1 + \frac{3}{2}, \frac{3}{-6} \textcircled{P} - \underbrace{\frac{3}{3}}_{(0 - 6)}}_{(0 - 6)}$		$-\frac{3}{4'-6''} = -\frac{5}{10'-0''} = -0 = -\frac{5}{10'+0''}$	$\frac{3}{9^{-6}}$ $-\frac{1}{9^{-6}}$ $-\frac{3}{9^{-6}}$			$\frac{3}{-0^{n}}$ — -0+ — $-\frac{3}{2}$, $-\frac{3}{-6^{n}}$ + — (9)	$ \frac{3}{10^{-} - 0^{-}} - 0^{-} \frac{3}{5^{-} - 6^{-}} + \frac{3}{10^{+} - 6^{-}} \frac{3}{10^{+} - 0^{-}} - \frac{3}{10^{+} -$	$- \odot \frac{3}{10'} - 0'' \odot + \frac{3}{9'} - 6'' \odot$	$\overline{10'+0''}$ $\overline{0}$ $\overline{5',-6''}$ $H_{4'-6''}$ $\overline{0}$ $\overline{10'+0''}$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$-\frac{3}{4^{7}-6^{77}}$ $\bigcirc -\frac{3}{10^{7}}$ $\bigcirc \bigcirc -\frac{3}{10^{7}}$ $\bigcirc \bigcirc -\frac{3}{10^{7}}$	5^{-} $ 0 $ $ 3^{-}$ $0'$ $0'$ $6''$			$\frac{1}{2}$ 0^{m} $ 0^{m}$ $ 3^{r}$ $\frac{3}{-6^{r}}$ $+$ $ 0^{r}$ $\sqrt{-3}$	$\frac{3}{10^{7}-0^{9}}\frac{9}{5^{7}-6^{9}}++\frac{3}{4^{7}-6^{9}}\frac{3}{10^{7}+0^{9}}3$	-10 $-10'$ $-10''$	$\frac{1}{10}, \frac{1}{10}, \dots, \frac{1}{10} = \frac{1}{5}, \frac{3}{-6}, \dots, \frac{3}{4^{2}-6}, \dots, \frac{3}{10^{2}-10^{2}}$
$\begin{array}{c} 10\frac{3}{10' - 0''}0 - \frac{3}{5' - 2''} & = \frac{1}{2} \frac{3}{4' - 10''} & = \frac{3}{5' - 6''} \\ + 0 & = \frac{10}{5'} \frac{3}{31} \end{array}$	$- \textcircled{0} - \underbrace{-3}_{10'-0''} - \underbrace{-3}_{(4-0)} + \underbrace{-3}_{(4-0)} + \underbrace{-3}_{(0-6)} + \underbrace$	$\vdash -\frac{3}{8^{2}+0^{2}} - \oplus -\frac{3}{9} - \frac{3}{-0^{2}} - \oplus -\frac{3}{5^{2}, -6^{2}} - \oplus$	$-\frac{3}{4^{7}-6^{7}}$ $-\frac{5}{10^{7}-0^{7}}$ $-\frac{3}{10^{7}+0^{7}}$	$\frac{3}{9^{-6^{-7}}}$			$\frac{3}{20^{m}}$ — -10^{m} — -10^{m} — -10^{m} -10^{m} -10^{m} -10^{m} -10^{m} -10^{m}	$ \frac{3}{10^{7} - 0^{m}} 0 - \frac{3}{5^{7} - 6^{m}} + - \frac{3}{4^{7} - 6^{m}} - 0 - \frac{3}{10^{7} - 0^{m}} - 0$		

G	56'-0"	F	56'-0"	E	56'-0"		56'-0"	C
<u>SB-14</u> <u>5'-6"</u> <u>4'-6"</u> <u>5'-0"</u> <u>5'-0"</u>	$- [0]\frac{10^{7}+0^{7}}{\sqrt{3}}0] +\frac{10^{7}+6^{7}}{\sqrt{3}}0]\frac{10^{7}}{10^{7}}$	$\frac{3}{10^{9}}$ $\frac{3}{10^{7}}$ $\frac{3}{10^{7}$	$ \begin{array}{c} \frac{3}{0^{1}-0^{n}} & \overline{0} \\ \frac{3}{0-6} & \overline{0}^{-6^{n}} - & \overline{0} \\ \frac{3}{0-6} & \overline{0}^{-6^{n}} - & \overline{0} \\ \end{array} $	+ 3 4'-6" ●	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		ASSEMBLY $-\frac{3}{10^{4}-0^{8}}$ $-\frac{10}{5^{3}-6^{8}}$ $+\frac{3}{4^{2}-6^{8}}$ $-\frac{3}{0^{4}}$ $-\frac{3}{0^{7}}$ $-\frac{3}{0^{7}}$	H $10^{7}-0^{7}$ $10^{7}-0^{7}$ $10^{7}-0^{7}$ $10^{7}-0^{7}$
$ \begin{array}{c} \underline{SB-14} \\ S$		$\frac{3}{5^{-0^{n}}}$ 3 3 3 $10^{-0^{n}}$ 3 3 $10^{-0^{n}}$ 3 3 3 3 3 3 3 3 3 3	$\begin{array}{c} 3 \\ 0 \\ -0^{*} \\ \hline \\ 3 \\ 0 \\ -6 \\ \hline \\ 0 \\ 0 \\ -6 \\ \hline \\ 0 \\ 0 \\ 0 \\ -6 \\ \hline \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$	# 3/4'-6" @ 10'-0"	$\frac{3}{10^{7}-10^{7}} - 0 +$	3^{-6} $ 3^{-6}$ $ -$	$\frac{-\frac{3}{10^{+}-0^{*}}-\frac{3}{5^{+}-6^{*}}}{5^{+}-6^{*}} + \frac{3}{4^{+}-6^{*}-0^{-}} - \frac{3}{10^{+}-0^{*}} - \frac{3}{10^{$	
$-\textcircled{0} - \underbrace{3}_{5'-6''} + \underbrace{-\underbrace{3}_{4'-6''} - \underbrace{0}_{-10'-0''} - \underbrace{10'-0''}_{10'-0''} - \underbrace{58-14}_{+1-\underbrace{3}_{4'-6''} - \underbrace{0}_{-10'-0''} - \underbrace{58-14}_{+1-\underbrace{4}_{4'-6''} - \underbrace{0}_{-10'-0''} - \underbrace{10'-0''}_{-0''} - 10'-$	- 0 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	$\begin{array}{c} \overset{3}{}_{0} & - & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & &$		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	10+0 - 9+6 - 10+0 5+6 .		ASSEMBLY $\textcircled{10}_{5,-6}^{3}$ $\textcircled{10}_{4,-6}^{3}$ $\textcircled{10}_{0}^{7}$ $\overbrace{10}^{7}$ $\textcircled{10}_{0}^{7}$ $\overbrace{10}^{7}$ $\textcircled{10}_{0}^{7}$ $\overbrace{10}^{7}$ $\textcircled{10}_{0}^{7}$ $\overbrace{10}^{7}$ $\textcircled{10}_{0}^{7}$ $\overbrace{10}^{7}$	$\frac{1}{10^{+}-0^{*}} - \frac{1}{10^{+}-0^{*}} - \frac{1}{10^{+}-0^{*}} - \frac{1}{9^{+}-3^{+}} - \frac{1}{9^{+}-3^{+}} - \frac{1}{10^{+}-0^{*}} - \frac{1}{10^{$
-@- <u>3</u> - <u>B</u> - <u>1</u> - <u>B</u> - <u>3</u> - <u>B</u> - <u>1</u> - <u>B</u> - <u>B</u> - <u>1</u> -	$- = -\frac{3}{10^{7} - 0^{7}} = -\frac{3}{9^{7} - 6^{7}} - = - = -\frac{10^{7}}{10^{7}}$	$\frac{3}{6^{m}} - \frac{3}{5^{*}-6^{m}} + \frac{3}{4^{*}-6^{m}} = \frac{3}{0^{*}-0^{*}} - \frac{3}{0^{*}$	$ \begin{array}{c} 3 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$	# <u>3</u> 4'-6" ₪10'-0" ₪	$\frac{3}{10^{-}0^{"}} = \frac{3}{9^{-}6^{"}} = \frac{3}{10^{-}0^{"}} = -\frac{3}{5^{-}8^{"}} + \frac{3}{10^{-}6^{"}} = -\frac{3}{10^{-}6^{"}} = -\frac{3}{10^{-}6^{"}$		ASSEMBLY	$\frac{3}{10^{-6}} = \frac{3}{10^{-6}} = \frac{3}{10^{-6}$
$= \underbrace{\begin{array}{c} 3\\ 5'-6'' \\ $	$- = -\frac{3}{10^{'}+0^{''}} = -\frac{3}{9^{''}+6^{'''}} - = -\frac{3}{10^{''}+6^{'''}} - = -\frac{3}{10^{''}+6^$	$ \begin{array}{c} 3\\ 3\\ -0^{-}0\\ -5^{-}-6^{-}-++-\frac{3}{4^{-}-6^{0}0} \\ -10^{-}-0^{-}-0\\ -10^{-}-0^{-}0\\ -10^{-}-0\\ -10^{-}$	$ \begin{array}{c} 3 \\ \overline{)}^{-} \\ \overline{0}^{-} $	# <u>3</u> 4'−6"	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4^{3}_{-6} $ -$		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

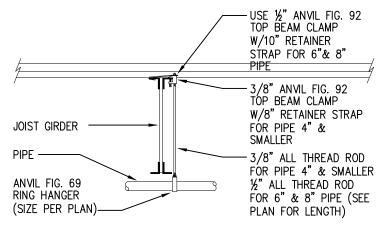


METAL DECK (MINIMUM GAUGE 22) (MINIMUM GAUGE 22) 3/8" ALL THREAT (SEE PLAN FOR L SEE PLAN FOR S

SPRINKLER HANGER "R"

3/8"x 2½" LAG BOLT PRE-DRILL 3/16" HOLE 3/8" TOLCO FIG. 58 EYELET BRANCHLINE (2" MAX) STEEL BAR JOIST

SPRINKLER BRANCHLINE HANGER "E" PERPENDICULAR TO JOISTS

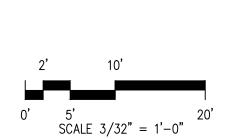


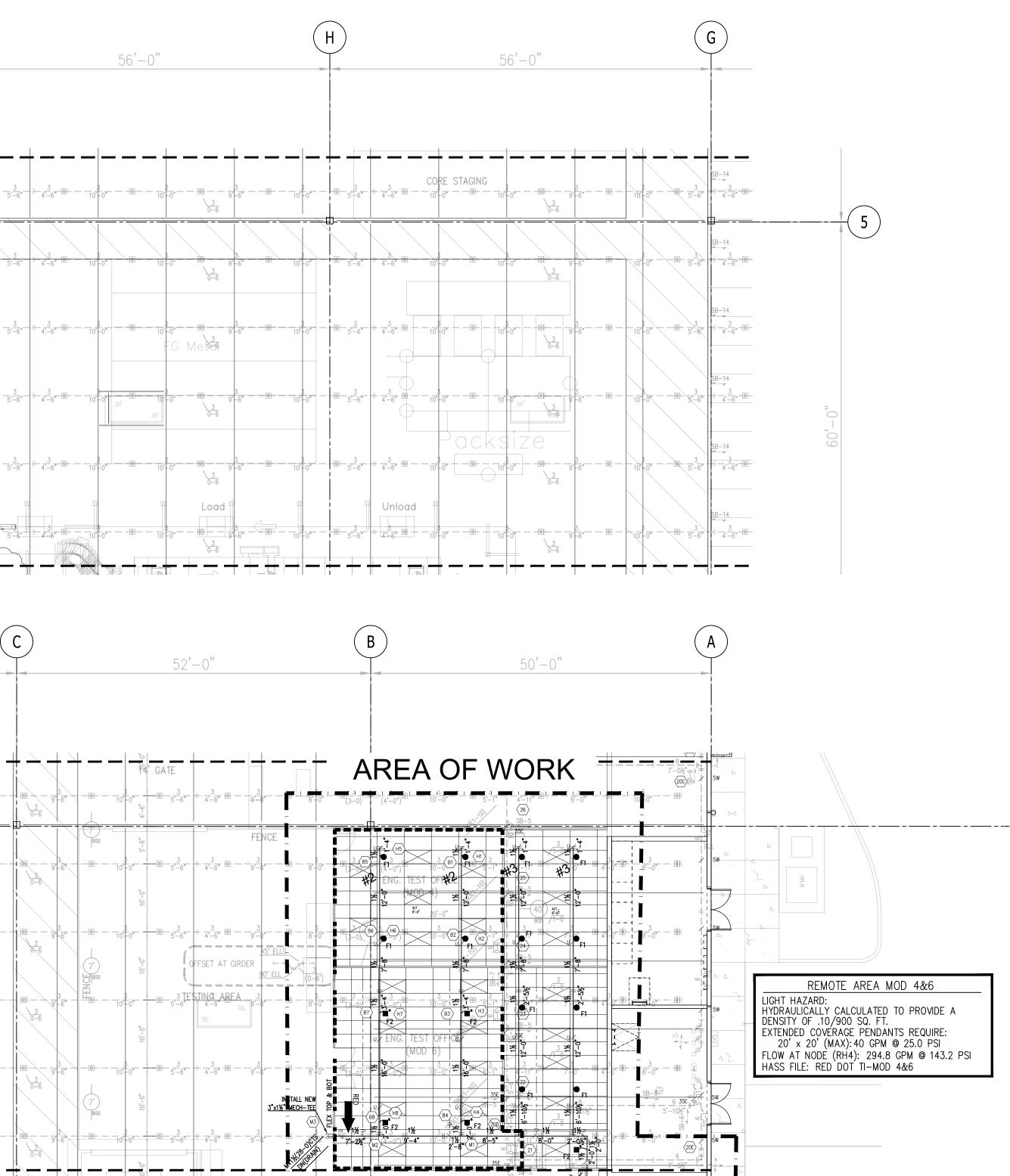
SPRINKLER HANGER "D" PERPENDICULAR TO JOISTS

Elbow Reducer, 3/4" Reducer, ½" Reducer, 3/4"	TYPICAL 1½" PIPE- SUPPORTING STRUCTURE-	\backslash			<u>1-</u>	" UNISTRUT CL 5/8"x1—5/8"x DECK W/ (2) REW W/ 5/16"	6" STRU	IT ATT/ TEK WASH	ACHED ER					
ON NO SCALE	SPRI	NKL	<u>ER H</u>	ANGI		J'' NO SCAL PRINKLER			SEND				STATE CERTIFICATION FITTING LEGEND WASHINGTON STATE P PIPE-O-LET SN GROOVED SHAPED NIPPLE CERTIFICATE OF COMPETENCY TSN THREADED SHAPED NIPPLE FIRE PROTECTION SPRINKLER SYSTEMS Pietro Demonte ADN ADJUSTABLE DROP NIPPLE 5541-0610-C Level 3 FLG FLANGE RC REDUCING RC PATRIFP099CF V STRUCTURE TO CENTER LINE OF PIPE IN INCHES	
		SYM	MANUF.	MODEL	SIN	ТҮРЕ		THREAD		HEAD	ESCUTCH FINISH TEMP	QTY	Jighaure	
SS HANGER ₹ XP20 ANCHOR			RELIABLE	F1FR80		QREC PENDANT	W4	3/4"	8.0K	CHROME	SEMI-REC 135"	5	5 APPROVAL REQUIRED SPRINKLER LEGEND	\vdash
EAD ROD R LENGTH) RING HANGER		•	RELIABLE	F1FR56	RA1414	QR PENDANT	W4	1/2"	5.6K	CHROME	SEMI-REC 155"	12	12 CITY OF PUYALLUP SPRINKLER H U SPRINKLER H U U U SPRINKLER H U U SPRINK H U U SPRINK <td></td>	
R SIZE – 2" MAX.)													$\begin{array}{c c c c c c c c c c c c c c c c c c c $	
NO SCALE												17	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
											TOTAL	17	$17 \qquad \qquad$	L



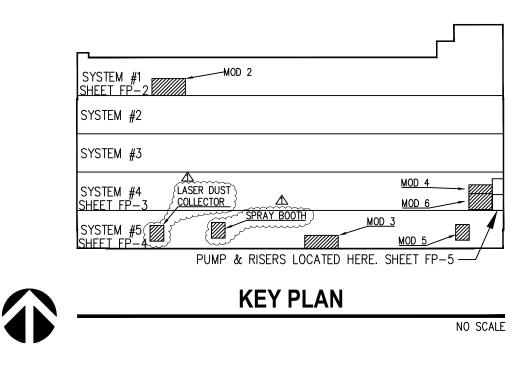
SYSTEM #4 FIRE SPRINKLER PLAN SCALE: 3/32"=1'-0"





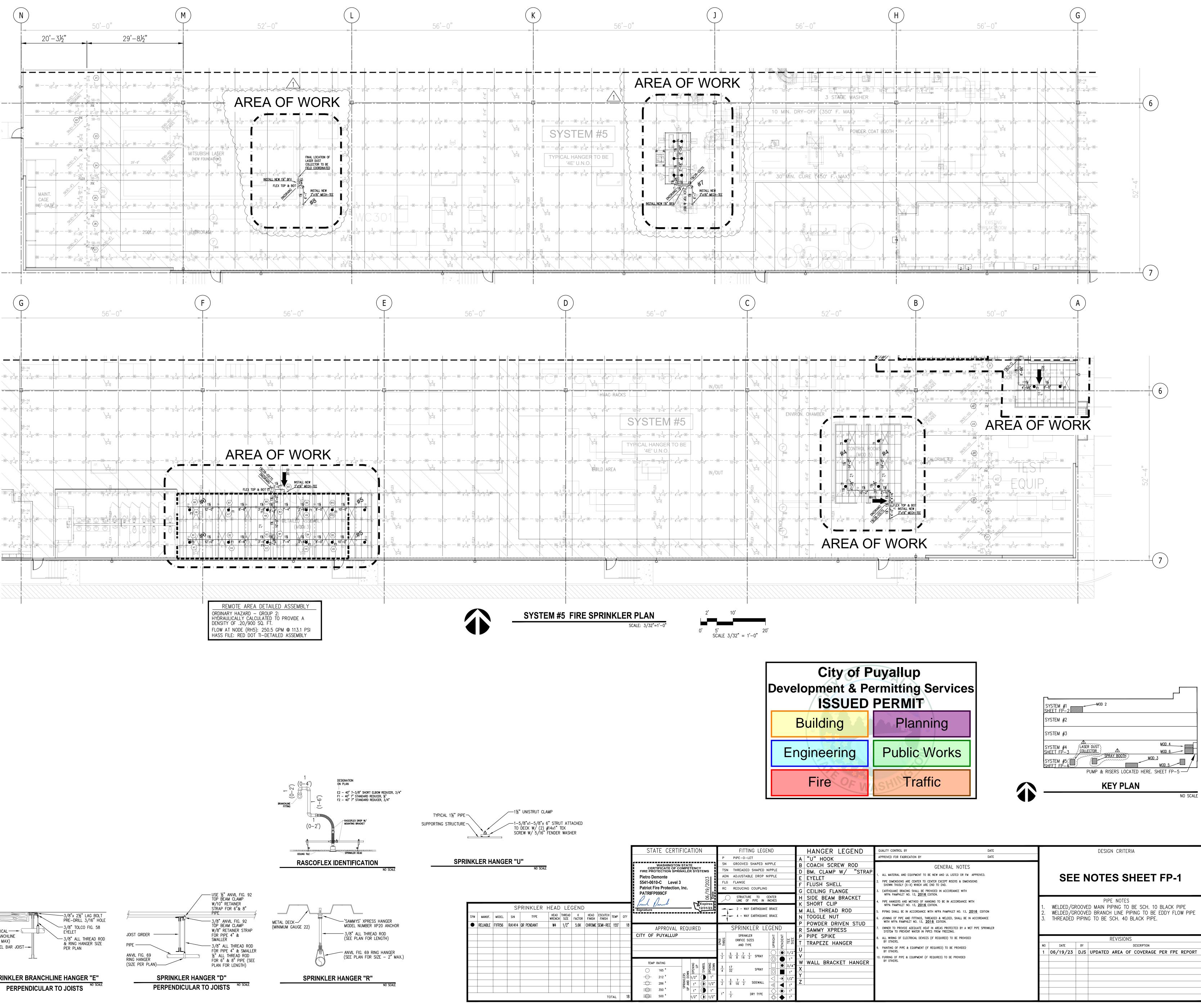
City of P Development & Pe ISSUED	ermitting Services
Building	Planning
Engineering	Public Works
Fire OF W	Traffic

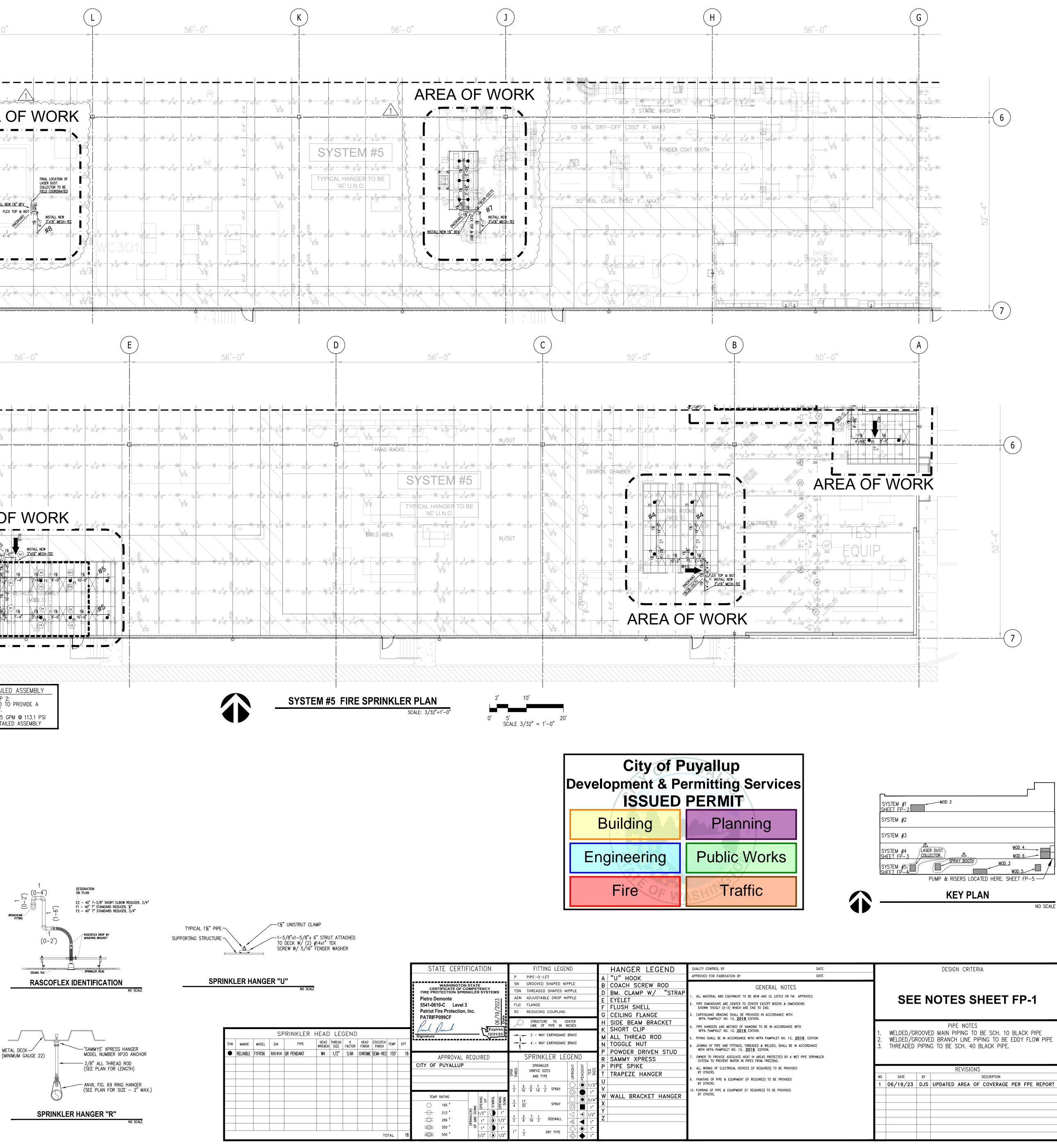
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HANGER LEGEND	QUALITY CONTROL BY	DATE		DESIGN CRITERIA		CONTRACT WITH:		
Α "U" ΗΟΟΚ	APPROVED FOR FABRICATION BY	DATE				POE CONSTRUCTIO	Ν	
B COACH SCREW ROD	GENERAL	NOTES				1519 W VALLEY HWY N, S	UITE 103	
D BM. CLAMP W/ "STRAP	1. ALL MATERIAL AND EQUIPMENT TO BE NEW AND UL LISTE			ENOTES SHEET FP	P-1	AUBURN, WA 98001		
E EYELET	2. PIPE DIMENSIONS ARE CENTER TO CENTER EXCEPT RISERS					CLAY JOHNSON: 253-833	-2400	
F FLUSH SHELL	SHOWN THUSLY (X-X) WHICH ARE END TO END.				-			
G CEILING FLANGE	 EARTHQUAKE BRACING SHALL BE PROVIDED IN ACCORDAND NFPA PAMPHLET NO. 13, 2016 EDITION. 	CE WITH						
H SIDE BEAM BRACKET	4. PIPE HANGERS AND METHOD OF HANGING TO BE IN ACCC			PIPE NOTES		RED DOT TI		
K SHORT CLIP	4. FIFE HANGERS AND METHOD OF HANGING TO BE IN ACCO NFPA PAMPHLET NO. 13, <u>2016</u> EDITION.	ADANCE WITH	1 WEIDED/GR	OOVED MAIN PIPING TO BE SCH. 10 BLACK		2504 FAST MAIN		
M ALL THREAD ROD	5. PIPING SHALL BE IN ACCORDANCE WITH NFPA PAMPHLET	NO. 13, <u>2016</u> EDITION	2. WELDED/GR	OOVED BRANCH LINE PIPING TO BE EDDY I	FLOW PIPE	2504 EAST MAIN PUYALLUP, WA 9837	2	
N TOGGLE NUT	6. JOINING OF PIPE AND FITTINGS, THREADED & WELDED, SH	HALL BE IN ACCORDANCE		PIPING TO BE SCH. 40 BLACK PIPE.			~	
P POWDER DRIVEN STUD	WITH NFPA PAMPHLET NO. 13, 2016 EDITION.							
R SAMMY XPRESS	 OWNER TO PROVIDE ADEQUATE HEAT IN AREAS PROTECTE SYSTEM TO PREVENT WATER IN PIPES FROM FREEZING. 	D BY A WEI PIPE SPRINKLER						
P PIPE SPIKE	8. ALL WIRING OF ELECTRICAL DEVICES (IF REQUIRED) TO BE	E PROVIDED		REVISIONS				PATRIFP099CF
T TRAPEZE HANGER	BY OTHERS.		NO DATE	BY DESCRIPTION		MATRIC		WWW.PATRIOTFIRE.COM
U	 PAINTING OF PIPE & EQUIPMENT (IF REQUIRED) TO BE PF BY OTHERS. 	ROVIDED	1 06/19/23	DJS UPDATED AREA OF COVERAGE PER F	FPE REPORT			Derek.Strickland@PatrioFfire.com
V	10. FURRING OF PIPE & EQUIPMENT (IF REQUIRED) TO BE PR	OVIDED				FIRE PROTECTION,	INC	FIRE SPRINKLERS SAVE LIVES!
W WALL BRACKET HANGER	BY OTHERS.							
X						2707 70TH AVENUE EAST TACOMA, WA 98424		TEL: (253) 926-2290 FAX: (253) 922-6150
Y						TACOMA, WA 98424		FAX: (233) 922-8130
Z						DESIGNER DEREK STRICKLAND	SHEET	
						DATE 05–19–2023	0 E	FP-3
					J	IOB NO. 11-2404	3 OF 5	II-J





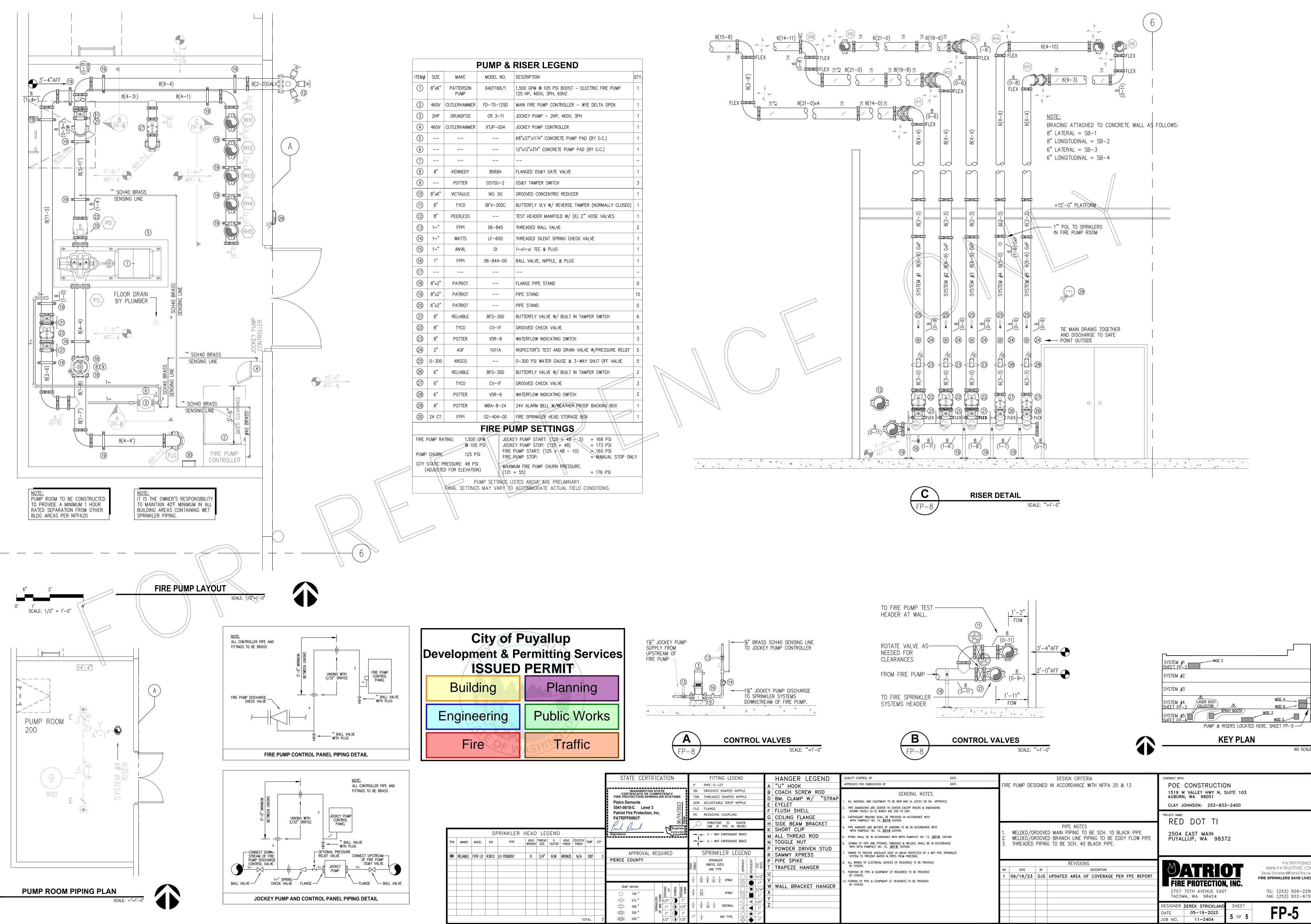


BRANCHLINE (2" MAX)

SPRINKLER BRANCHLINE HANGER "E"

City of Puyallup opment & Permitting Services ISSUED PERMIT										
Building										
gineering Public Works										
Fire	Traffic									

HANGER LEGEND	QUALITY CONTROL BY	DATE				DESIGN CRITERI	Α	CONTRACT WITH:			
Α "U" ΗΟΟΚ	APPROVED FOR FABRICATION BY	DATE						POE C	CONSTRUCTIO	N	
B COACH SCREW ROD	GENERAL N	NOTES						1519 W	VALLEY HWY N, S	SUITE 103	
D BM. CLAMP W/ "STRAP	1. ALL MATERIAL AND EQUIPMENT TO BE NEW AND UL LISTED						/	AUBURN,	WA 98001		
E EYELET	2. PIPE DIMENSIONS ARE CENTER TO CENTER EXCEPT RISERS			SEI	ΞΝ	OTES SH	HEET FP-1	CLAY JO	HNSON: 253-833	3–2400	
F FLUSH SHELL	SHOWN THUSLY (X-X) WHICH ARE END TO END.							PROJECT NAME:			
G CEILING FLANGE	 EARTHQUAKE BRACING SHALL BE PROVIDED IN ACCORDANC NFPA PAMPHLET NO. 13, 2016 EDITION. 	E WITH									
H SIDE BEAM BRACKET	4. PIPE HANGERS AND METHOD OF HANGING TO BE IN ACCO	RDANCE WITH				PIPE NOTES		RED	DOT TI		
K SHORT CLIP	NFPA PAMPHLET NO. 13, <u>2016</u> EDITION.		1.	WFI DFD /GF	ROOVED		BE SCH. 10 BLACK PIPE	2504 6	EAST MAIN		
M ALL THREAD ROD	5. PIPING SHALL BE IN ACCORDANCE WITH NFPA PAMPHLET N	NO. 13, <u>2016</u> EDITION	2.	WELDED/GF	ROOVED) BRANCH LINE PIF	ING TO BE EDDY FLOW PIPE		UP, WA 983	72	
N TOGGLE NUT	 JOINING OF PIPE AND FITTINGS, THREADED & WELDED, SH WITH NFPA PAMPHLET NO. 13, 2016 EDITION. 	ALL BE IN ACCORDANCE	3.			; TO BE SCH. 40 E				_	
P POWDER DRIVEN STUD	7. OWNER TO PROVIDE ADEQUATE HEAT IN AREAS PROTECTED										
R SAMMY XPRESS	SYSTEM TO PREVENT WATER IN PIPES FROM FREEZING.	DI A WEI FIFE SFRINNLER									
P PIPE SPIKE	 ALL WIRING OF ELECTRICAL DEVICES (IF REQUIRED) TO BE BY OTHERS. 	PROVIDED				REVISIONS					PATRIFP099CF
T TRAPEZE HANGER	9. PAINTING OF PIPE & EQUIPMENT (IF REQUIRED) TO BE PR		NO	DATE	BY		DESCRIPTION		ATRI		WWW.PATRIOTFIRE.COM
U	BY OTHERS.	GAIDED	1	06/19/23	DJS	UPDATED AREA OF	COVERAGE PER FPE REPORT				pietrod@patriotfire.com FIRE SPRINKLERS SAVE LIVES!
V	10. FURRING OF PIPE & EQUIPMENT (IF REQUIRED) TO BE PRO BY OTHERS.	DVIDED						FIRE	PROTECTION		
W WALL BRACKET HANGER	BI OTHERS.								OTH AVENUE EAS	-	TEL. (253) 026 2200
X									A, WA 98424		TEL: (253) 926-2290 FAX: (253) 922-6150
Y											
Z									EREK STRICKLAND	SHEET	
								DATE	05-19-2023	4 OF 5	
								JOB NO.	11-2404	4 Ur 3	



ITEM#	SIZE	MAKE	MODEL NO.	DESCRIPTION	QTY.			8(2–8')
1	8"x6"	PATTERSON PUMP	6AEF16B/1	1,500 GPM @ 105 PSI BOOST - ELECTRIC FIRE PUMP 125 HP, 460V, 3PH, 60HZ	1			Ω
2	460V	CUTLERHAMMER	FD-70-125D	MAIN FIRE PUMP CONTROLLER - WYE DELTA OPEN	1		FLEX 🗧	
3	2HP	GRUNDFOS	CR 3-11	JOCKEY PUMP - 2HP, 460V, 3PH	1			
4	460V	CUTLERHAMMER	XTJP-G04	JOCKEY PUMP CONTROLLER	1			
5				68"x37"x11'H" CONCRETE PUMP PAD (BY G.C.)	1			
6				12"x12"x3'H" CONCRETE PUMP PAD (BY G.C.)	1			
7					-			
8	8"	KENNEDY	8068A	FLANGED OS&Y GATE VALVE	1			
9		POTTER	OSYSU-2	OS&Y TAMPER SWITCH	3			
(10)	8"x6"	VICTAULIC	NO. 50	GROOVED CONCENTRIC REDUCER	1			
(11)	8"	TYCO	BFV-300C	BUTTERFLY VLV W/ REVERSE TAMPER (NORMALLY CLOSED)	1			
(12)	8"	PEERLESS		TEST HEADER MANIFOLD W/ (6) 2" HOSE VALVES	1			
(13)	1~"	FPPI	06-845	THREADED BALL VALVE	2			
(14)	1~"	WATTS	LF-600	THREADED SILENT SPRING CHECK VALVE	1			
(15)	1~"	ANVIL	DI	1~x1~x! TEE & PLUG	1			
(16)	1"	FPPI	06-844-00	BALL VALVE, NIPPLE, & PLUG	1			
(17)					_			
(18)	8"x2"	PATRIOT		FLANGE PIPE STAND	0			
(19)	8"x2"	PATRIOT		PIPE STAND	15			
20	6"x2"	PATRIOT		PIPE STAND	0			
(21)	8"	RELIABLE	BFG-300	BUTTERFLY VALVE W/ BUILT IN TAMPER SWITCH	6			
22	8"	TYCO	CV-1F	GROOVED CHECK VALVE	5			\sim
23	8"	POTTER	VSR-8	WATERFLOW INDICATING SWITCH	3			
24)	2"	AGF	1011A	INSPECTOR'S TEST AND DRAIN VALVE W/PRESSURE RELIEF	5		$\square \qquad ($	
25	0-300	ARGCO		0-300 PSI WATER GAUGE & 3-WAY SHUT OFF VALVE	5	~		
26	6"	RELIABLE	BFG-300	BUTTERFLY VALVE W/ BUILT IN TAMPER SWITCH	2			
27)	6"	TYCO	CV-1F	GROOVED CHECK VALVE	3			
28	6"	POTTER	VSR-6	WATERFLOW INDICATING SWITCH	2			\sim
29	8"	POTTER	MBA-8-24	24V ALARM BELL W/WEATHER PROOF BACKING BOX	1		1	
30	24 CT.	FPPI	02-404-00	FIRE SPRINKLER HEAD STORAGE BOX	1			
			FIRE PL	JMP SETTINGS		L		
	PUMP RA	0 105		XEY PUMP START: $(125 \pm 48 - 5) = 168$ PSIXEY PUMP STOP: $(125 + 48) = 173$ PSIPUMP START: $(125 \pm 48 - 10) = 160$ PSIPUMP STOP: $=$ MANUAL STOP ON	LY		, 4 ,	
		PRESSURE: 48 PS	N) (121	MUM FIRE PUMP CHURN PRESSURE: + 55) = 176 PSI				· · · · ·
	/			ISTED ABOVE ARE PRELIMINARY. D ACCOMMODATE ACTUAL FIELD CONDITIONS.				

ALVES		ROL VALVES	KEY PLAN			
SCALE: "=1'-0"	FP-8	SCALE: "=1'-0"	NO SCALE			
HANGER LEGEND A "U" HOOK B COACH SCREW ROD D BM. CLAMP W/ "STRAP E EYELET	1. ALL MATERIAL AND EQUIPMENT TO BE NEW AND UL LISTED OR FM APPROVED.	DESIGN CRITERIA FIRE PUMP DESIGNED IN ACCORDANCE WITH NFPA 20 & 13	CONTRACT WITH: POE CONSTRUCTION 1519 W VALLEY HWY N, SUITE 103 AUBURN, WA 98001 CLAY JOHNSON: 253-833-2400			
F FLUSH SHELL G CEILING FLANGE H SIDE BEAM BRACKET K SHORT CLIP M ALL THREAD ROD N TOGGLE NUT P POWDER DRIVEN STUD R SAMMY XPRESS	 PIPE DIMENSIONS ARE CENTER TO CENTER EXCEPT RISERS & DIMENSIONS SHOWN THUSLY (X-X) WHICH ARE END TO END. EARTHQUAKE BRACING SHALL BE PROVIDED IN ACCORDANCE WITH NFPA PAMPHLET NO. 13, <u>2016</u> EDITION. PIPE HANGERS AND METHOD OF HANGING TO BE IN ACCORDANCE WITH NFPA PAMPHLET NO. 13, <u>2016</u> EDITION. PIPING SHALL BE IN ACCORDANCE WITH NFPA PAMPHLET NO. 13, <u>2016</u> EDITION. PIPING OF PIPE AND FITTINGS, THREADED & WELDED, SHALL BE IN ACCORDANCE WITH NFPA PAMPHLET NO. 13, <u>2016</u> EDITION. OWNER TO PROVIDE ADEQUATE HEAT IN AREAS PROTECTED BY A WET PIPE SPRINKLER 	PIPE NOTES 1. WELDED/GROOVED MAIN PIPING TO BE SCH. 10 BLACK PIPE 2. WELDED/GROOVED BRANCH LINE PIPING TO BE EDDY FLOW PIPE 3. THREADED PIPING TO BE SCH. 40 BLACK PIPE.	PROJECT NAME: RED DOT TI 2504 EAST MAIN PUYALLUP, WA 98372			
P PIPE SPIKE T TRAPEZE HANGER U V W WALL BRACKET HANGER X Y	 SYSTEM TO PREVENT WATER IN PIPES FROM FREEZING. 8. ALL WIRING OF ELECTRICAL DEVICES (IF REQUIRED) TO BE PROVIDED BY OTHERS. 9. PAINTING OF PIPE & EQUIPMENT (IF REQUIRED) TO BE PROVIDED BY OTHERS. 10. FURRING OF PIPE & EQUIPMENT (IF REQUIRED) TO BE PROVIDED BY OTHERS. 	REVISIONS N0 Date BY DESCRIPTION 1 06/19/23 DJS UPDATED AREA OF COVERAGE PER FPE REPORT	PATRIFP099CF WWW.PATRIOTFIRE.COM Derek.Strickland@PatrioFfire.com FIRE PROTECTION, INC. 2707 70TH AVENUE EAST TACOMA, WA 98424 TACOMA, WA 98424			
Z			DESIGNER DEREK STRICKLAND SHEET DATE 05-19-2023 5 OF 5 FP-5			