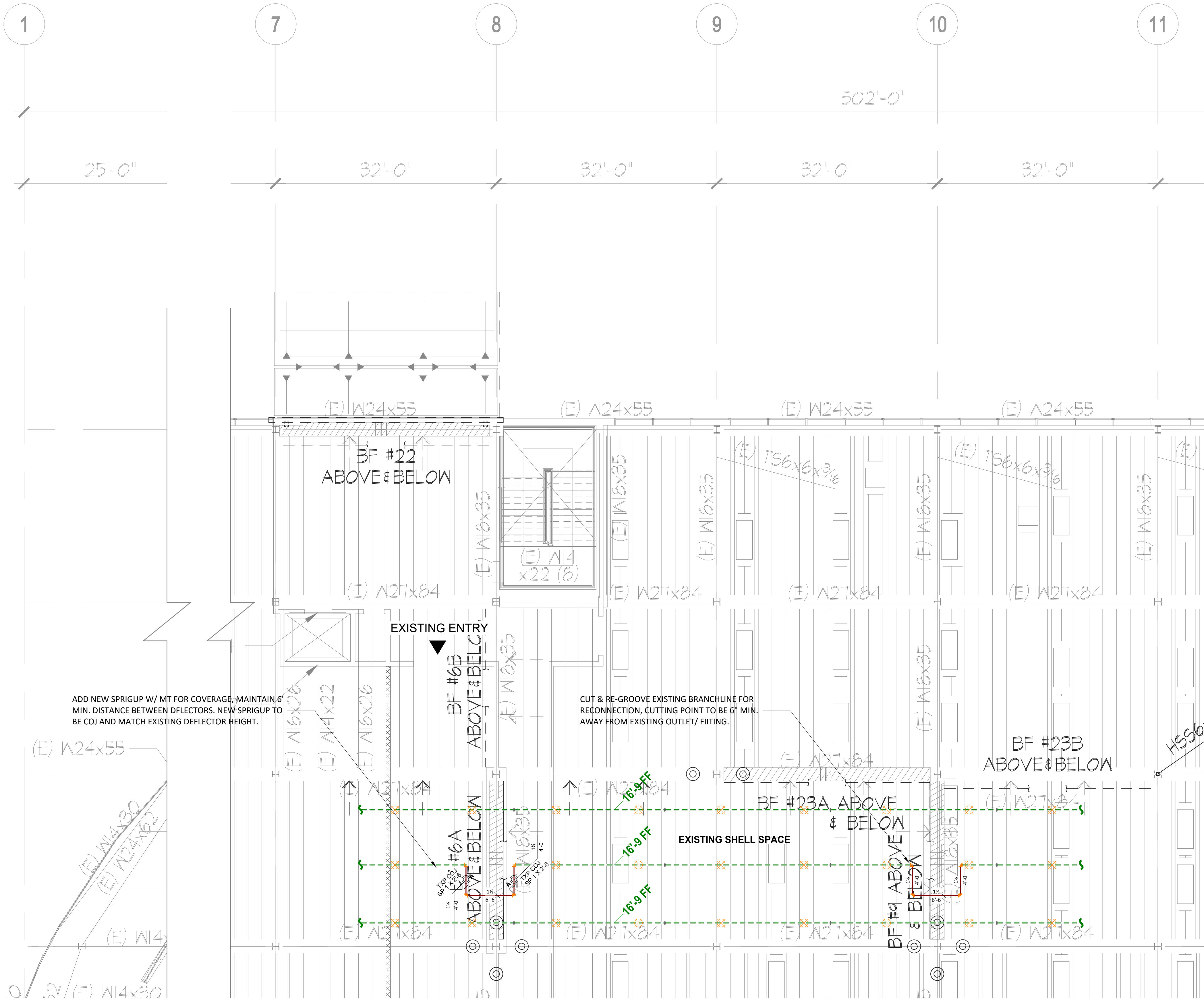


HANGER DETAIL  
SCALE: NTS



LEVEL1 - FIRE PROTECTION  
SCALE: 1/8" = 1'-0"

SCOPE OF WORK:

RE-ROUTE EXISTING SPRINKLER PIPING TO ACCOMMODATE NEW BUILDING STRUCTURAL FRAMING.  
2) ADD EQ BRACING, HANGERS, AND SPRINKLER PROTECTION AS REQUIRED ON RE-ROUTED PIPE

GENERAL NOTES:

- 1) MATERIALS INSTALLATION AND DESIGN PER NFPA 13 STANDARDS
- 2) ALL AREAS PROTECTED BY A WET PIPE SYSTEM MUST BE MAINTAINED AT 40 DEGREE F TO PREVENT WATER IN PIPES FROM FREEZING BY OTHERS
- 3) STRUCTURAL ADEQUACY OF THE BUILDING TO SUPPORT THE SPRINKLER PIPING BY OTHERS.
- 4) ALL FIRE ALARMS, WIRING, MONITORING ARE BY OTHERS.

DESIGN CRITERIA:

PER NFPA 13 - 2019 AND CITY OF PUYALLUP

- 1) OFFICE, COMMON AREAS, RESTROOM & HALLWAYS - LIGHT HAZARD
- 2) GENERAL STORAGE, MECHANICAL ROOM - ORDINARY HAZARD GROUP I

CONSTRUCTION TYPE:

STEEL, UNOBSTRUCTED UNO ON PLAN

UNOBSTRUCTED CONSTRUCTION  
SPRINKLER DEFLECTOR - 12" MAX. BELOW DECK / CEILING

FIELD NOTE:

- SPRINKLER PIPING:
- 1) ALL NEW THREADED ARM-OVER, SPRIG UP AND DROP TO BE SCH 40 BLACK FINISH 1"
  - 2) ALL GROOVED END MAINS AND BRANCH LINES TO BE SCH 10 BLACK FINISH

- SPRINKLER SPACING:
- 1) STANDARD COVERAGE - 225 SQ. FOR LIGHT HAZARD
  - 3) STANDARD COVERAGE - 130 SQ. FOR ORDINARY HAZARD

EQ BRACING:

LATERAL BRACES PLACEMENT

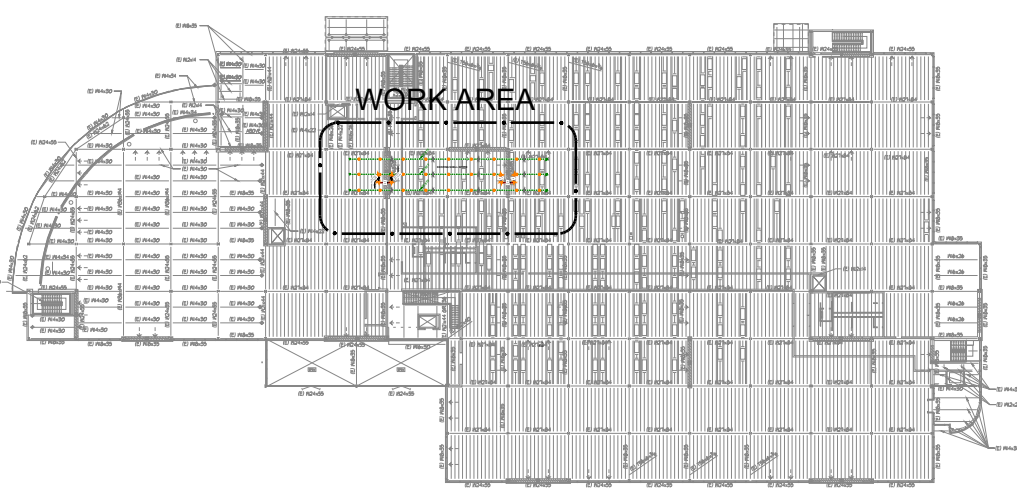
- 1) MAXIMUM SPAN PER SEISMIC CALCULATION, NOT TO EXCEED 40'
- 2) 6' MAXIMUM FROM END OF THE PIPE
- 3) 12' MAXIMUM FROM STARTER OF THE PIPE
- 4) LATERAL BRACES SHALL BE ALLOWED TO ACT AS LONGITUDINAL BRACES IF THEY ARE WITHIN 24" OF THE CENTERLINE OF THE PIPING BRACED LONGITUDINALLY.

LONGITUDINAL BRACES PLACEMENT

- 1) MAXIMUM SPAN PER SEISMIC CALCULATION, NOT TO EXCEED 80'
- 2) MUST MAINTAINED HALF OF THE CALCULATED MAX. SPAN FROM BOTH END AND STARTER OF THE PIPE.
- 1) LONGITUDINAL BRACES SHALL BE ALLOWED TO ACT AS LATERAL BRACES IF THEY ARE WITHIN 24" OF THE CENTERLINE OF THE PIPING BRACED LATERALLY.

EXCLUSIONS:

- 1) FIRE WATCH OR TEMPORARY SPRINKLER PROTECTION DURING CONSTRUCTION.
- 2) ACOUSTICAL CAULKING
- 3) FIRESTOP CAULKING
- 4) HEAT TRACE OR INSULATION
- 5) UPRIGHT SPRINKLER PROTECTION ABOVE NONCOMBUSTIBLE CONCEALED SPACES.
- 6) PAINTING SPRINKLER PIPE
- 7) REPAIRS OR MODIFICATIONS TO THE EXISTING SYSTEM BEYOND THE SCOPE OF WORK
- 8) STRUCTURAL ANALYSIS, SEISMIC INVESTIGATION
- 9) FPE AND PE REVIEW
- 10) UNDERGROUND WORK



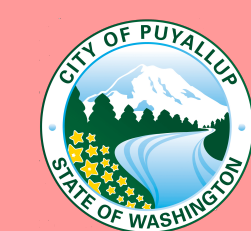
FL1 KEY PLAN  
SCALE: NTS  
NORTH



VICINITY MAP  
SCALE: NTS  
NORTH

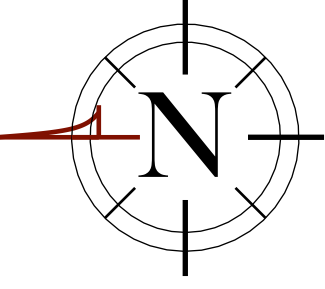
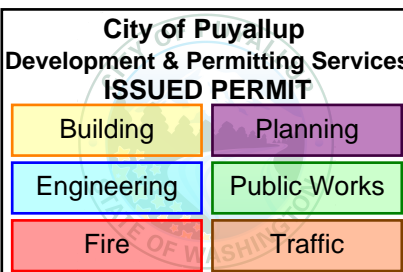
City of Puyallup  
Fire  
REVIEWED  
FOR  
COMPLIANCE

DDrake  
07/28/2025  
7:56:05 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.



ABBREVIATIONS
SPRIG UP
ROSE MAPLE
DR
FI
TS
BOO
BOA
BOC
OTS
FO
ROW
SHOW
NAS
WNO
W

DRAWING SYMBOLS
2-WAY EQ BRACING
4-WAY EQ BRACING
HANGER LOCATION
BRANCH LINE RESTRAINT LOCATION
CENTER LINE
BOTTOM OF DECK ELEVATION
HYDRAULIC CALCULATION NODE
SPRINKLER MAIN FAB
SPRINKLER BRANCH LINE FAB

NOT USED

NOT USED

DRAWING SYMBOLS
NEW MECHANICAL TEE (U-BOLT)
NEW MECHANICAL TEE
RELOCATE EXISTING SPRINKLER
EXISTING SYSTEM COMPONENT
FLEXIBLE COUPLING

FLEX DROP LEGEND
4" 4" FLEX DROP
4" EL 4" FLEX DROP, ELBOW STYLE
6" 6" FLEX DROP
6" EL 6" FLEX DROP, ELBOW STYLE
4" 4" FLEX DROP BRACKET

SPRINKLER PIPE LEGEND
NEW SPRINKLER PIPE
EXISTING SPRINKLER PIPE
NEW FLEX DROP
EXISTING SPRINKLER LEGEND
EXISTING SPR
EXISTING DSU

WALL LEGEND
NEW FULL HEIGHT WALL
NEW FULL HEIGHT SOFFIT HEADER
NEW LOW WALLS (MIN. 18" BELOW FINISH CEILING)

CERTIFICATION OF COMPETENCY
WASHINGTON STATE CERTIFICATE OF COMPETENCY FIRE SPRINKLER SYSTEMS
Michael Paul Moffett 4013-0012-C Level 3 Columbia Fire, LLC COLUMPL795NJ
Signature Date 6-27-25

REVISIONS												
NO.	DATE											
1		-	-	-	-	-	-	-	-	-	-	-



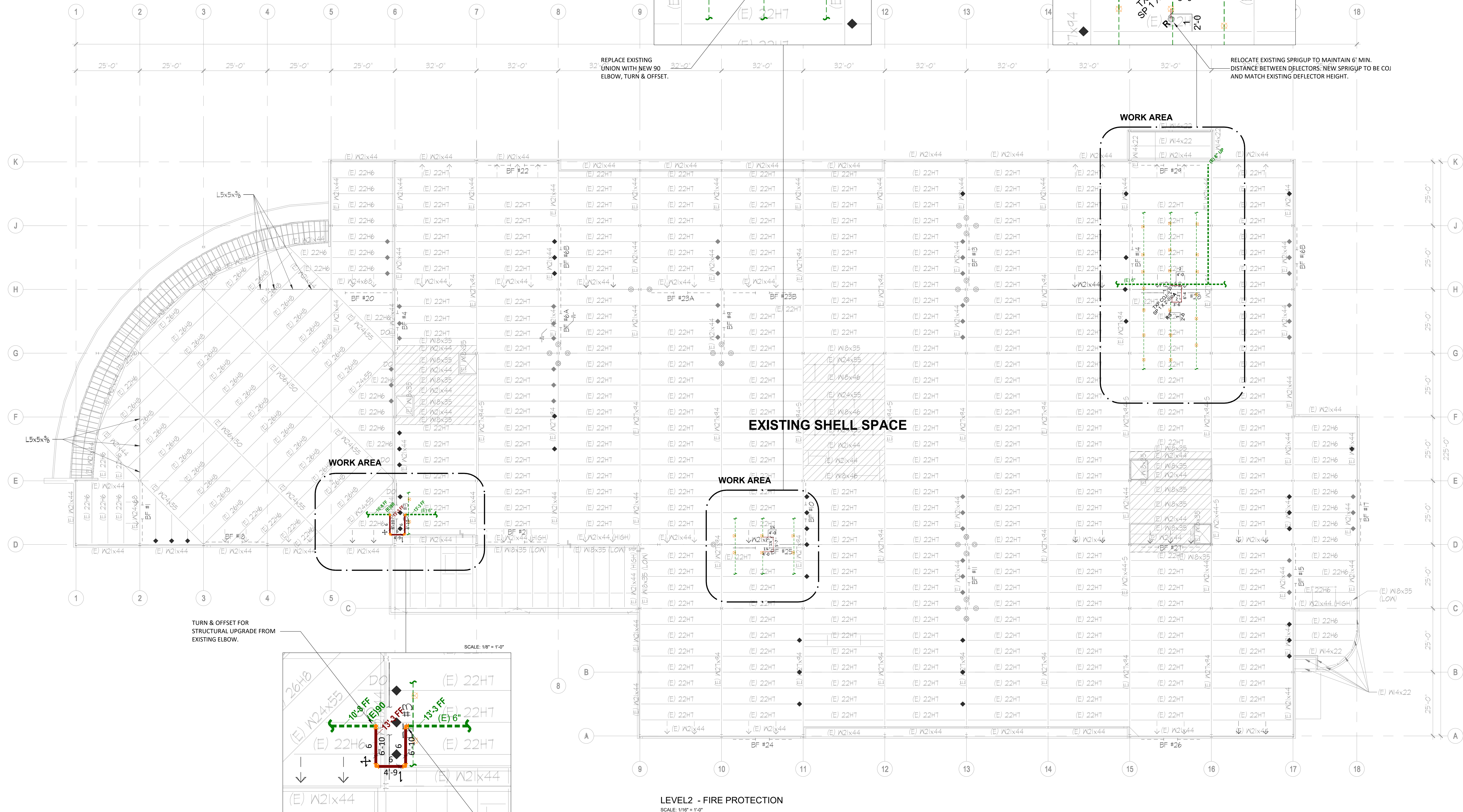
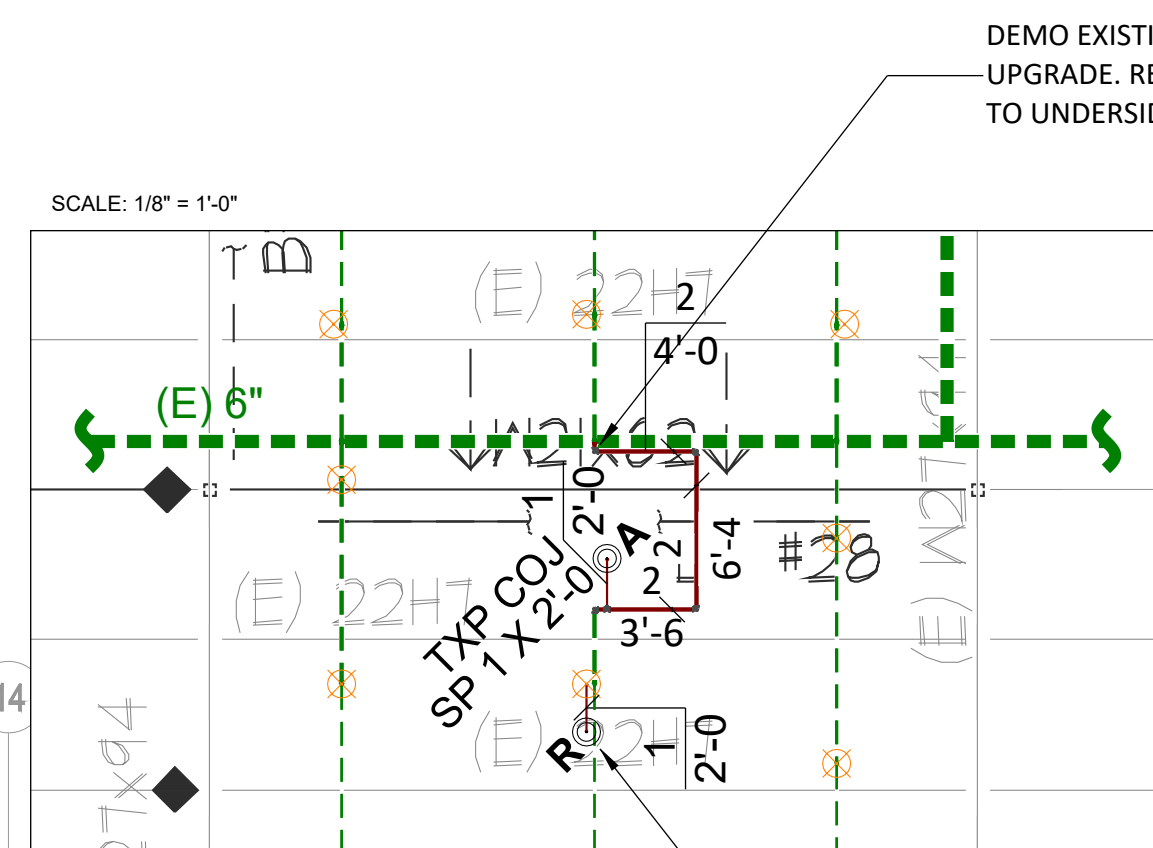
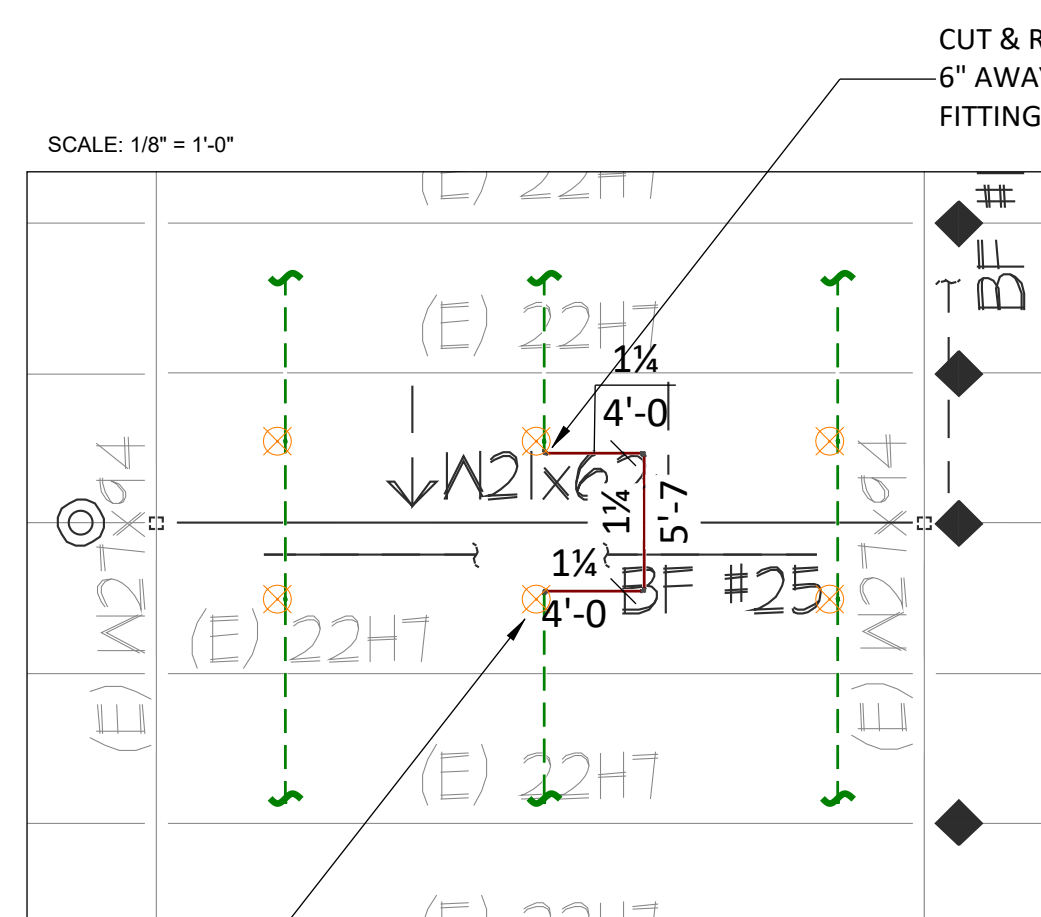
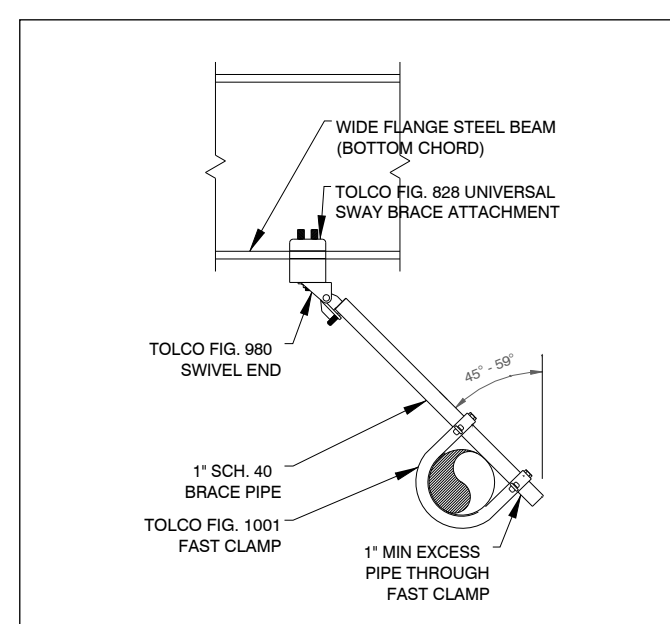
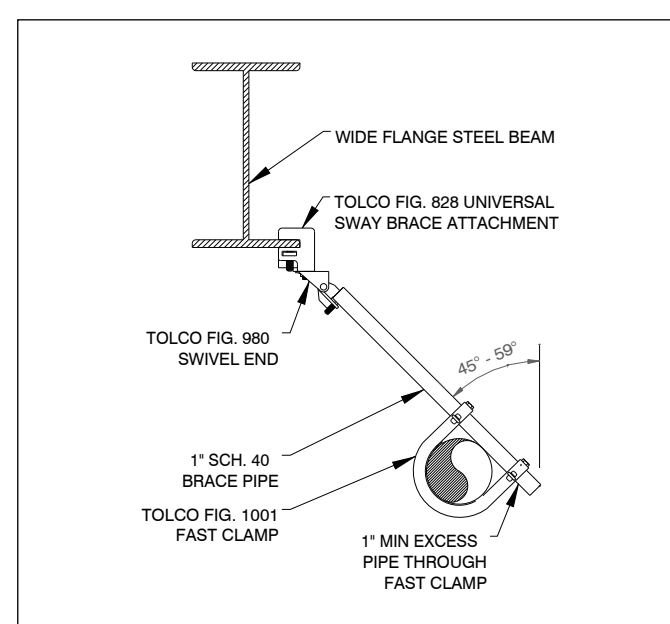
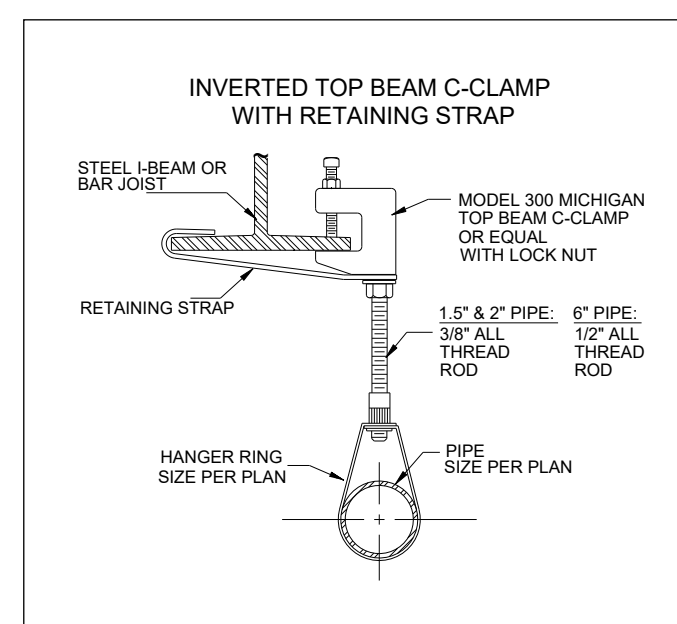
CUSTOMER INFORMATION	
PROJECT ENGINEER: TRENT MASON PHONE: 360.880.4000 EMAIL: TMASON@JTMCONSTRUCTION.COM	
SUPERINTENDENT: CHRIS MILLS PHONE: 206.445.5395 EMAIL: CMILLS@JTMCONSTRUCTION.COM	



JOB NO.	250107WH02
DATE	06/26/25
DESIGNER	JAMES K.
PM	RADU H.
SCALE	1/8"=1'-0"


BENAROYA SEISMIC UPGRADE	
1015 39TH AVE SE PUYALLUP, WA 98374	
AHJ: CITY OF PUYALLUP	
JTM CONSTRUCTION	


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1 OF 1	






SPRINKLER LEGEND												
SYMBOL	MANUFACTURER	SIN	MODEL	QUANTITY	K-FACTOR	TYPE	SIZE	RESPONSE	FINISH	TEMPERATURE	NOTE	NOTE2
	RELIABLE	R1025	G	1	5.6	UPRIGHT	1/2	STANDARD	BRASS	165°F	SPR	RELO.
	RELIABLE	R1025	G	1	5.6	UPRIGHT	1/2	STANDARD	BRASS	165°F	SPR	ADD
				TOTAL = 2								

 <p><b>a Fire</b>  <small>ITC'S AFFILIATE</small>          7701 N          1st Street          #100          91609</p>	<b>CUSTOMER INFORMATION</b>		<b>BENAROYA SEISMIC UPGRADE</b> 1015 39TH AVE SE PUYALLUP, WA 98374		
	PROJECT ENGINEER: TRENT MASON PHONE: 360.880.4000 EMAIL: TMASON@ITMCONSTRUCTION.COM		<b>AHJ: CITY OF PUYALLUP</b>		
	SUPERINTENDENT: CHRIS MILLS PHONE: 206.445.5395 EMAIL: CMILLS@ITMCONSTRUCTION.COM		<b>JTM CONSTRUCTION</b>		<b>FP</b>  <b>2 OF 2</b>
	<b>JOB NO.</b> 250107WH02		<b>DATE</b> 06/26/25		
	<b>DESIGNER</b> JAMES K.		<b>PM</b> RADU H.		
<b>SCALE</b> VARIES					

 <p><b>a Fire</b>  <small>ITC'S AFFILIATE</small>          7701 N          1st Street          #100          91609</p>	<b>CUSTOMER INFORMATION</b>		<b>BENAROYA SEISMIC UPGRADE</b> 1015 39TH AVE SE PUYALLUP, WA 98374	
	PROJECT ENGINEER: TRENT MASON PHONE: 360.880.4000 EMAIL: TMASON@ITMCONSTRUCTION.COM		<b>AHJ: CITY OF PUYALLUP</b>	
	SUPERINTENDENT: CHRIS MILLS PHONE: 206.445.5395 EMAIL: CMILLS@ITMCONSTRUCTION.COM		<b>FP</b>	
	<b>JTM CONSTRUCTION</b>		<b>2 OF 2</b>	
	<b>JOB NO.</b> 250107WH02 <b>DATE</b> 06/26/25 <b>DESIGNER</b> JAMES K. <b>PM</b> RADU H. <b>SCALE</b> VARIES			

 <p><b>a Fire</b>  <small>ITC'S AFFILIATE</small>          7701 N          y Street          #1005          81005          669</p>	<b>CUSTOMER INFORMATION</b>		<b>BENAROYA SEISMIC UPGRADE</b> 1015 39TH AVE SE PUYALLUP, WA 98374		
	PROJECT ENGINEER: TRENT MASON PHONE: 360.880.4000 EMAIL: TMASON@ITMCONSTRUCTION.COM		<b>AHJ: CITY OF PUYALLUP</b>		
	SUPERINTENDENT: CHRIS MILLS PHONE: 206.445.5395 EMAIL: CMILLS@ITMCONSTRUCTION.COM		<b>JTM CONSTRUCTION</b>		<b>FP</b>
			<b>2 OF 2</b>		