

- SCOPE OF WORK:**
1. PROVIDE ADDITIONAL SPRINKLER COVERAGE FOR TENANT BUILDOUT OF LEVEL 2 DATA HALL. NEW SPRINKLERS TO BE INSTALLED AS SHOWN ON PLANS. EXISTING UPRIGHT SPRINKLERS NOT SHOWN AS DEMO'D TO REMAIN.
  2. SPRINKLERS IN NEW DATA HALL TO BE SUPPLIED FROM LEVEL 2 EAST PRE-ACTION SYSTEM. SPRINKLERS UNDER DUCTS ON LEVEL 3 TO BE SUPPLIED FROM LEVEL 3 EAST PRE-ACTION SYSTEM.
  3. EXISTING OCCUPANCY IS ORDINARY HAZARD GROUP 1. MAX SPRINKLER SPACING TO BE 130 SQ. FT.
  4. ALL NEW SPRINKLER PIPING INSTALLED FROM PRE-ACTION SYSTEMS.
    - 4.1. BRANCHLINES ARE TO SLOPE 1/2" IN 10' TO DRAIN.
    - 4.2. NEW PENDENT SPRINKLERS BENEATH OBSTRUCTIONS TO BE INSTALLED ON RETURN BENDS PER NFPA 13 (2019) 8.3.2.5 (3).
    - 4.3. NEW UPRIGHT SPRINKLERS BENEATH DUCTS TO BE PROVIDED WITH 1" AUX DRAINS WITH PLUGS.
  5. DETECTION FOR DOUBLE-INTERLOCKED PRE-ACTION SYSTEM IS BY OTHERS.

HANGER LEGEND	
A	1" HOOK
B	COACH SCREW ROD
C	BM CLAMP W/ "STRAP
E	EYELET
F	FLUSH SHELL
G	CEILING FLANGE
H	SIDE BEAM BRACKET
I	SHORT CLIP
J	ALL THREAD ROD
K	UNISTRUT NUT
L	POWDER DRIVEN STUD
M	EXPANSION BOLT
N	SAMMY XPRESS
U	
V	
W	
X	
Y	
Z	

FITTING LEGEND	
1	PIPE-O-LET
2	GROOVED SHAPED NEPPEL
3	CHROOVED SHAPED NEPPEL
4	ADJUSTABLE DROP NEPPEL
5	FLG FLANGE
6	MECHANICAL COUPLING
7	STRENGTH TO CENTER LINE OF PIPE IN JOINTS
8	WET CARTRIDGE BRACE
9	DRY TYPE

SPRINKLER LEGEND	
1	1" RELIABLE
2	1 1/2" RELIABLE
3	2" RELIABLE
4	2 1/2" RELIABLE
5	3" RELIABLE
6	4" RELIABLE
7	5" RELIABLE
8	6" RELIABLE
9	8" RELIABLE
10	10" RELIABLE

STATE CERTIFICATION	
	Derek J. Strickland Professional Engineer No. 14837 State of Washington Signature: [Signature] Date: 02/17/25

SPRINKLER HEAD LEGEND				
1	RELIABLE FT-58 (RAISED SP RND + SHIELD)	1 1/2" x 5.8" SNZ	WA 159	07
2	RELIABLE FT-58 (RAISED SP UPRIGHT)	1 1/2" x 5.8" SNZ	WA 159	24
TOTAL: 51				

- GENERAL NOTES**
1. ALL MATERIAL AND EQUIPMENT TO BE NEW AND LISTED OR IN APPROVED.
  2. PIPE ENDINGS ARE COATED TO CENTER EXISTING SIZES & DIMENSIONS. CORNER THEFTS (LIVE) MUST BE PROTECTED.
  3. CARTRIDGE BRANCH SHALL BE PROVIDED IN ACCORDANCE WITH NFPA HANDBOOK NO. 13, 2019 EDITION.
  4. PIPE ENDINGS AND METHODS OF JOINING TO BE IN ACCORDANCE WITH NFPA HANDBOOK NO. 13, 2019 EDITION.
  5. JOINS OF PIPE AND FITTINGS THROUGH A WALL SHALL BE IN ACCORDANCE WITH NFPA HANDBOOK NO. 13, 2019 EDITION.
  6. OWNER TO PROVIDE ADJACENT HEAT IN AREAS PROTECTED BY A WET PIPE SPRINKLER SYSTEM TO PREVENT WATER IN PIPE FROM FREEZING.
  7. ALL WIRING OF ELECTRICAL DEVICES OF REQUIRES TO BE PROVIDED BY OTHERS.
  8. PAINTING OF PIPE & EQUIPMENT (IF REQUIRED) TO BE PROVIDED BY OTHERS.
  9. FINISHES OF PIPE & EQUIPMENT OF REQUIRES TO BE PROVIDED BY OTHERS.

- DESIGN CRITERIA**
- EXISTING SYSTEM DESIGN TO REMAIN
1. PRE-ACTION AND DRY SYSTEMS HYDRAULICALLY CALCULATED TO PROVIDE 0.15GPM / 1,500 SQ FT FOR ORD. HAZARD GROUP 1.
  2. LEVEL 2 WET SYSTEMS HYDRAULICALLY CALCULATED TO PROVIDE 0.15GPM / 1,500 SQ FT FOR ORD. HAZARD GROUP 1 AT MECH. ROOMS AND 0.10GPM / 1,500 SQ FT FOR LIGHT HAZARD AREAS.

- PIPE NOTES**
1. 1 1/2" AND SMALLER PIPE IS BLACK SCH. 40 STEEL.
  2. 2" AND LARGER PIPE ASSUMED TO BE BLACK SCH. 10 STEEL PAINTED RED.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

CONTRACT WITH: HOWARD S WRIGHT  
415 1ST AVENUE NORTH, SUITE 400  
SEATTLE, WA 98108  
CONTACT: BAXTER HAGAN, 206-379-2423

PROJECT NAME: CENTERIS VOLTAGE PARK  
LEVEL 2 DDC TENANT REVISIONS  
1023 38TH AVE SE  
PUYALLUP, WA 98374

**City of Puyallup Fire REVIEWED FOR COMPLIANCE**

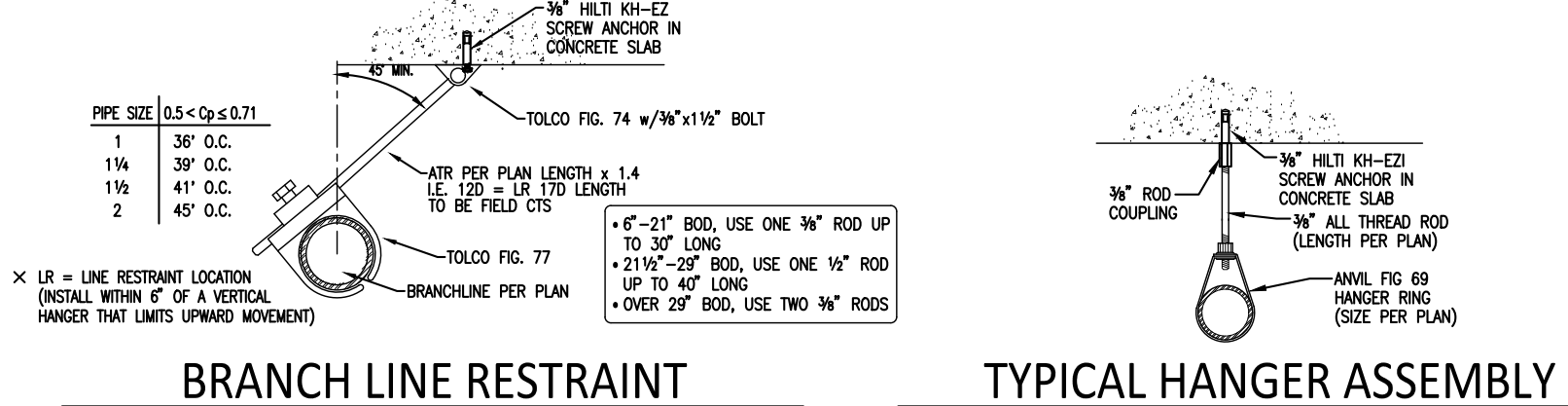
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THE APPROVED CONSTRUCTION PLANS AND ALL ENGINEERING MUST BE POSTED ON THE JOB AT ALL INSPECTIONS IN A VISIBLE AND READILY ACCESSIBLE LOCATION.

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

L2 EAST SPRINKLER PLAN  
SCALE: 1/8"=1'-0"



BRANCH LINE RESTRAINT TYPICAL HANGER ASSEMBLY

