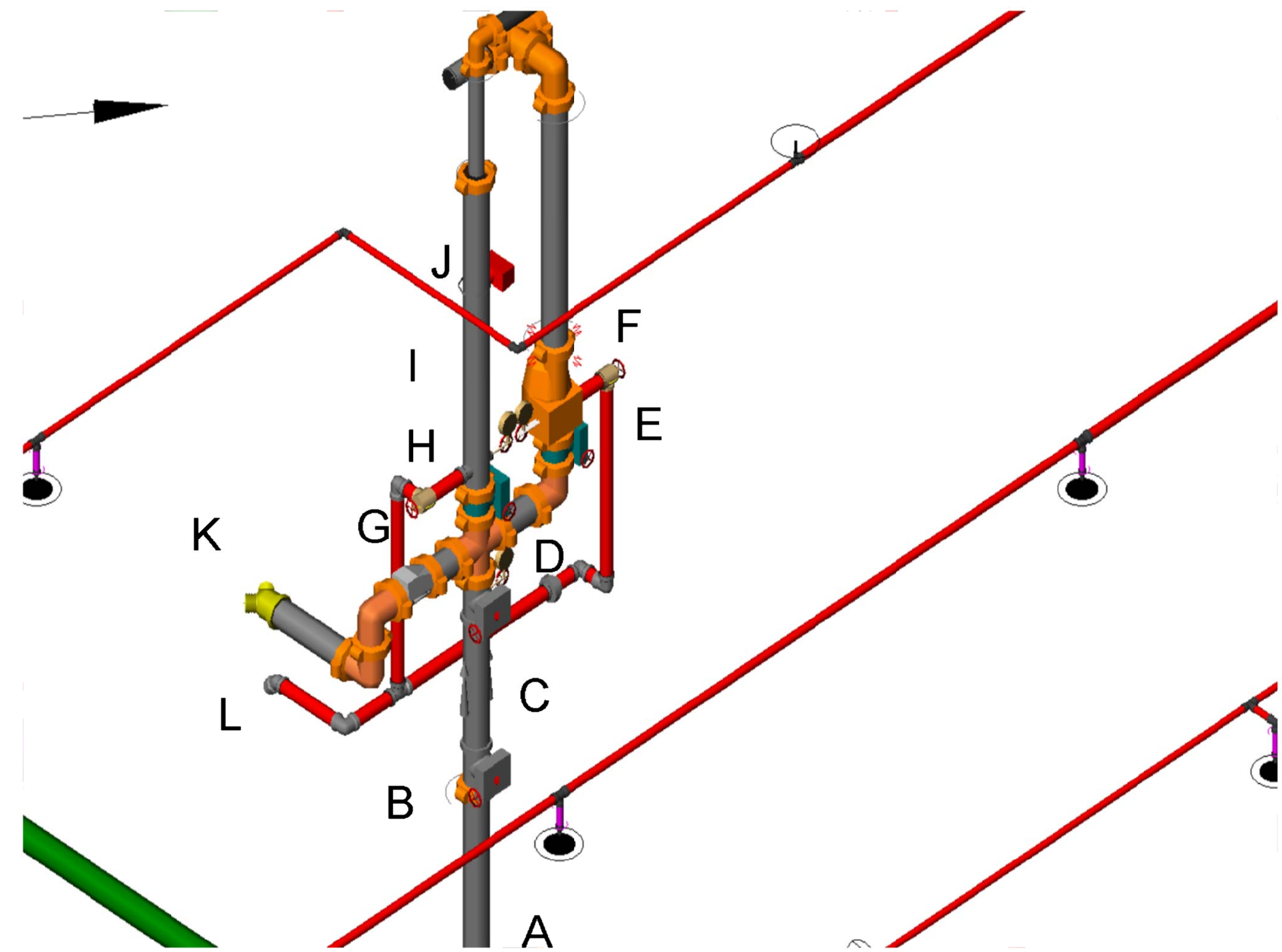


Typical Hanger Details

- A. - 4" Underground Supply with 4" MJ X Flange Adaptor
- B. - 4" Flex Coupling
- C. - 4" Double Check Back Flow Preventer
- D. - 4" Grooved Cross
- E. - 4" Grooved Butterfly Valve with Tamper Switch
- F. - 4" Dry Pipe Valve - Victaulic
- G. - 4 X 3 Grooved Red Coupling
- H. - 3" Grooved Butterfly with Tamper Switch
- I. - 3" Ready Riser Assembly
- J. - 3" Flow Switch
- K. - 4 x 2.5 X 2.5 FDC
- L. - 2" Main Drain to Exterior

GENERAL NOTES!

- 1> All materials & installations of this automatic fire sprinkler system to conform to N.F.P.A. #13, #20, #22, & #24
- 2> Underground piping to be properly rodded & blocked per N.F.P.A. #24 with a minimum bury of 8'-0". - By others
- 3> Earthquake bracing to be standard per N.F.P.A. #13. All ends of branchlines to be hung with wrap-around type hangers or surge clips
- 4> Provide spare head cabinet with a minimum of 3 of each type of sprinkler head used.
- 5> This building to be properly protected against exposure.
- 6> Low points of system shall have provisions for proper drainage.
- 7> System to be hydrostatically tested @ 200psi for 2 hours - per N.F.P.A. #13.
- 8> 24-hour supervision to be provided by others.
- 9> All electrical & painting to be provided by others.
- 10> Pipe sizing per: HYDRAULIC CALCULATIONS
- 11> Main piping 2 1/2" - 4" to be ANSI / ASTM A-795 "Mega-Flow" sprinkler piping with grooved couplings & fittings.
- 12> Branchline piping 2" & smaller to be ANSI / ASTM A-795 "Mega-Thread" sprinkler piping with threaded ends & cast iron or ductile Iron fittings.
- 13> All grooved couplings on low pressure piping to be "Victaulic" #009 Zero-Flex couplings except where required by NFPA #13 and F.M. "Victaulic" #75 coupling to be used as flexible. Earthquake bracing to be installed within 24" of all flexible couplings.



Fire Sprinkler Riser Detail
No Scale

Scope of Work
 New Office Building - Fully Sprinklered Structure
 New 4" Underground supply into Building
 Provide Double Check Backflow Preventer prior to the System Riser. System Riser consists of Wet and Dry System to protect entire structure
 Wet protects First Floor and Crawl Space
 Dry System protects Second Floor and Attic
 Installation per NFPA #13, 2010 Edition

Ouzinkie Office Building - Fire Sprinkler Notes and Riser Detail

	Piping Color Legend - Wet System Branch Line - Wet System Main	Key Plan	Revisions	 Chinook Fire Protection, Inc. 1221 E. 70th Ave. Anchorage, AK 99518	Permit Holder PERMIT NUMBER: 94-018 NICET IV	Customer: SSAJ Architects Riser Detail and Notes Ouzinkie Office Building Ouzinkie, Alaska	Job No. 17C-001 Date 11/02/17 Drawn By Jeffrey Wilcheck Scale 1/8" = 1'-0"	Fire Sprinkler Notes & Riser Detail FP-01