



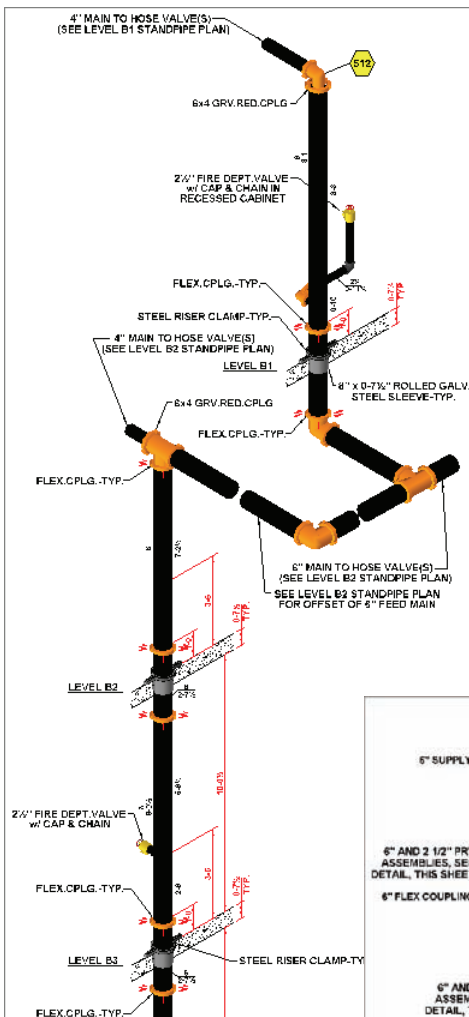
AutoSPRINK

FIRE SPRINKLER COMPUTER AIDED DESIGN PROGRAM

VR7

M.E.P.CAD's New VR7 Simplified Line of Fire Sprinkler Design Programs (Program feature of the month Valves and Hydrants)

Check Point Gauge Data					Job Number: 98-000-8A23
					Report Description: Standpipe System
Gauge	Pressure(psi)	K-Factor(K)	Flow(gpm)	Inlet Static Pressure(psi)	Elevation(Foot)
Hose 1-1st	0.00psi	0.00K	0.00gpm	204.47psi	3'-6"
Hose 1-2nd	172.13psi	19.06K	250.00gpm	197.43psi	19'-9"
Hose 1-3rd	162.46psi	19.61K	250.00gpm	187.83psi	41'-10½"
Hose 1-4th	152.80psi	20.22K	250.00gpm	178.23psi	64'-0½"

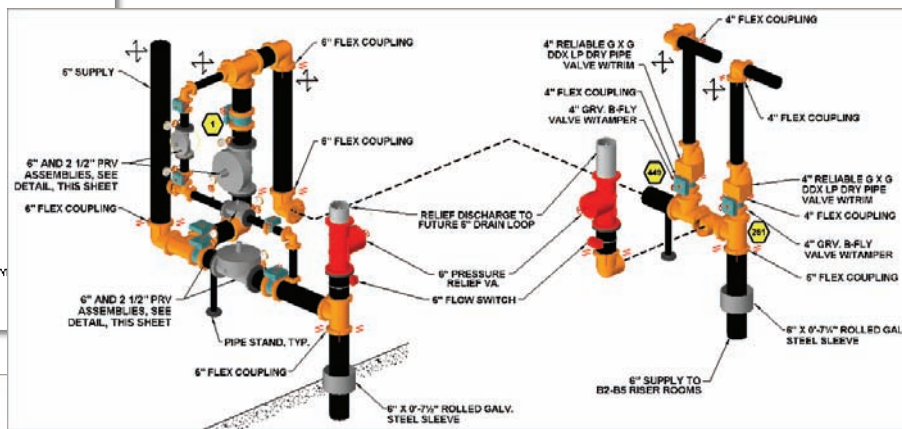


With AutoSPRINK's revolutionary design and hydraulic calculation tools, working in true 3D is both fast and easy. No matter what the complexities of the standpipe or riser/control configuration, VR7 makes it simple. All valves, hose connections and hydrants are hydraulically functional. Control valves "turn" on & off and check valves are direction sensitive to isolate and/or divert hydraulic flows. Hose valves, racks, reels, and hydrants can all be set for whatever flows and pressures befit project requirements so hose flows are hydraulically established exactly as they will occur within the system.

The need for pressure reducing valves can easily be determined using the 'Check Point Gauge Data' reports where "Inlet Static Pressure" (and Elevation) is indicated for each valve. By using AutoSPRINK's patented 'System Optimizer' residual pressure, at any given flow, can quickly be determined so the necessary PRV ordering information is readily available.

Complete underground piping systems with functional multi-supply and/or multi-pumping stations can emulate any supply scenario. System hydrants or sprinkler lead-in pressures are reported live, when real-time pressure gauges are attached at any location. Hydraulically (and visually) functional standpipe and underground drawings can also be used as an X-Reference within any floor or system overhead drawing. Attaching an X-Ref'd underground lead-in pipe to the base of the corresponding system riser will automatically transfer all hydraulic information between drawings at the exact point of attachment. This same functionality can be used when a standpipe X-Ref is attached to the corresponding floor control valve assembly within individual floor drawings of a hi-rise building. There is virtually no limit to the number of X-Referenced drawings that can be attached or "chained" together in this manner. This feature can, and is, currently being used to help simplify the

largest projects in the world.



Just imagine what AutoSPRINK can do for you!



For more information, please visit our website and then call us or email sales@mepcad.com

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