SPRINKLER RISER

NOT TO SCALE

Ductile Iron Concentric Flanged Reducer for Flanged Elbow

Tamper Switch

Ductile Iron

Head Box

Low/High Air Supervisory (must tie into a U.L. listed central station)

Alarm Pressure Switch (must tie into a U.L. listed central station)

Main Drain to Outside FDC Check Valve

48" dry pipe to FDC

Ball Drip Valve

Head Box Dry Pipe Valve

Show all trim items

Raleigh Approved Backflow Preventer Assembly with Metered Bypass in C.F. (18" Clearance on Sides) (Mount per C.O.R. Spec.s)

Concrete Thrust Block

Minimum 3/4" rod with bituminous coating on bolts.

Permanently Connected Heat Connect to Building FACP

Fire Sprinkler Drawing

Low/High Air Supervisory (must tie into a U.L. listed central station)

Note: See NFPA 13 for connections passing through or under foundation walls.

SPPRINKLER RISER DETAIL (DRY)
SPRINKLER RISER

NOT TO SCALE

NOTE: SEE NFPA 13 FOR CONNECTIONS PASSING THROUGH OR UNDER FOUNDATION WALLS.

DUCTILE IRON CONCENTRIC FLANGED REDUCER FOR FLANGED ELBOW

DUCTILE IRON

CONCRETE THRUST BLOCK

THRU BLOCK DETAIL W-7

WET SYSTEM RISER SHOW ALL TRIM ITEMS

RALEIGH APPROVED BACKFLOW PREVENTER ASSEMBLY WITH METERED BYPASS IN C.F. (18" CLEARANCE ON SIDES) (MOUNT PER C.O.R. SPEC.S)

WATER FLOW SWITCH (MUST TIE INTO A U.L. LISTED CENTRAL STATION)

FDC CHECK VALVE 48" DRY PIPE TO FDC

HEAD BOX

BALL DRIP VALVE

WATER FLOW SWITCH (MUST TIE INTO A U.L. LISTED CENTRAL STATION)

FDC CHECK VALVE

MINIMUM 3/4" ROD WITH BITUMINOUS COATING ON BOLTS.

CONCRETE THRUST BLOCK

PERMANENTLY CONNECTED HEAT CONNECT TO BUILDING FACP

HEAD BOX

NOTE: SEE NFPA 13 FOR CONNECTIONS PASSING THROUGH OR UNDER FOUNDATION WALLS.

SPRINKLER RISER

NOT TO SCALE

DUCTILE IRON

CONCRETE THRUST BLOCK

THRU BLOCK DETAIL W-7

WET SYSTEM RISER SHOW ALL TRIM ITEMS

RALEIGH APPROVED BACKFLOW PREVENTER ASSEMBLY WITH METERED BYPASS IN C.F. (18" CLEARANCE ON SIDES) (MOUNT PER C.O.R. SPEC.S)

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PERMANENTLY CONNECTED HEAT CONNECT TO BUILDING FACP

HEAD BOX

NOTE: SEE NFPA 13 FOR CONNECTIONS PASSING THROUGH OR UNDER FOUNDATION WALLS.

SPRINKLER RISER

NOT TO SCALE