



PIV AND FDC VAULT DETAIL

NO SCALE

LEGEND

- ① FIRE LINE FROM CITY WATER SUPPLY (MINIMUM 5'-6" BURY)
- ② CONCRETE VAULT WITH OPEN BOTTOM
- ③ OS&Y CONTROL VALVE
- ④ SUPERVISORY SWITCH
- ⑤ DOUBLE CHECK BACKFLOW PREVENTION ASSEMBLY
- ⑥ NON RISING STEM GATE VALVE
- ⑦ POST INDICATOR
- ⑧ CORROSION RESISTANT ESCUTCHEON
- ⑨ VAULT LID (MINIMUM 27" DIAMETER)
- ⑩ STEEL FOOTHOLDS
- ⑪ 2-1/2" X 2-1/2" X 4" FREE STANDING F.D.C. COMPLETE WITH KNOX CAPS
- ⑫ IDENTIFICATION NAME PLATE
- ⑬ 1/2" LIQUID-TIGHT FLEXIBLE CONDUIT
- ⑭ WEATHER-PROOF JUNCTION BOX
- ⑮ 1/2" AUTOMATIC BALL DRIP VALVE (AT CHECK VALVE)
- ⑯ 4" SWING CHECK VALVE ON OFFSET
- ⑰ GRAVEL FLOOR
- ⑱ GRAVEL DRAIN FIELD TO BE SIZED TO ACCOMMODATE DRAINAGE
- ⑲ BURIED SCH 80 PVC CONDUIT
- ⑳ SUPPLY TO FIRE SPRINKLER RISER(S) IN BUILDING
- ㉑ PIPE STAND SUPPORT ON CONCRETE BLOCK
- ㉒ SEAL VAULT PENETRATIONS WITH WATERPROOF CAULKING
- ㉓ 4" UP TO FDC