Fire Department Connection (FDC) - Vault Detail

(As required by the Fire Code Official)

[Diagram of Fire Department Connection (FDC) - Vault Detail]
Fire Department Connection (FDC) - Wall Mount Detail
Fire Department Connection (FDC) – Free Standing Detail

LEGEND

1. FREE STANDING FIRE DEPARTMENT CONNECTION WITH KNOX CAPS.
2. IDENTIFICATION NAME PLATE.
3. 4" SCHEDULE 40 GALVANIZED PIPE.
4. CORROSION RESISTANT ESCUTCHEON.
5. 4" GALVANIZED PIPING BURIED BELOW GRADE TO BE TARRED AND WRAPPED.
6. CEMENT THRUST BLOCK TO BE SIZED PER NFPA #24.
7. GRAVEL DRAIN FIELD TO BE SIZED TO ADEQUATELY ACCOMMODATE DRAINAGE.
8. AUTOMATIC BALL DRIP DRAIN VALVE LOCATED AT LOWEST POINT IN PIPING.
9. RUN 4" GALVANIZED PIPING INTO BUILDING BELOW FOOTING AND UP THROUGH FLOOR. DO NOT RUN EXPOSED OUT THROUGH WALL.

FREE STANDING FIRE DEPARTMENT CONNECTION
NO SCALE
Post Indicator Valve (PIV) - Detail

INDICATOR POST, NBICO NIP-HJ, OR APPROVED EQUAL

NOTE: MAINTAIN 3 CLEARANCE IN ALL DIRECTIONS AND PROVIDE BOLLARD PROTECTION

FINISH GRADE

NOTE: PROVIDE TAMPER SWITCH ON PIV, COORDINATE CONNECTION WITH ELECTRICAL DRAWINGS

POST INDICATOR VALVE, WATTS PIV G/F, OR APPROVED EQUAL

POST INDICATOR VALVE
SCALE: NTS

32" to 40"