PRESSURE CONNECTION VAULT DETAIL

FRAME & COVER TO BE NEENAH R-1712 HEAVY DUTY OR EAST JORDAN IRON WORKS 1020A EXTRA HEAVY DUTY WITH "WATER" IMPRINTED ON THE COVER. NO OTHER FRAMES/LIDS WILL BE APPROVED!

PRECAST CONCRETE ADJUSTING RINGS TO BE USED IF NEEDED WITH A MAX OF 8-INCHES IN ADJUSTING RINGS. RINGS SHALL BE ADHERED TO THE FRAME AND TOP OF VAULT WITH BITUMINOUS ROPE SEALANT.

PRECAST CONCRETE CONSTRUCTION MEETING ASTM C-478 WITH TONGUE AND GROOVE JOINTS. ALL JOINTS TO BE SEALED WITH BITUMINOUS ROPE SEALANT.

BITUMINOUS ROPE SEALANT (TYP.)

USE MUELLER OR WATEROUS (AFC) RESILIENT WEDGE TAPPING GATE VALVE

MUELLER B–2500 Chlorination/ Sampling Tap With AWWA CC INLET THREADS

TAPPING SADDLE

MODEL FORD FC202 OR ROMAC 202N WITH AWWA CC THREADS

ALL OPENINGS IN VAULT TO BE SEALED WITH CONCRETE BLOCKS & MORTAR

ONE PIECE PRECAST BOTTOM SECTION

UNDISTURBED EARTH

CA–11 BEDDING STONE
(4" MIN. THICKNESS)

SOLID CONCRETE BLOCK SUPPORT & THRUST RESTRAINT

NOTES:
1. THE SIZE OF THE PRESSURE CONNECTION SHALL BE AT LEAST ONE SIZE SMALLER THAN THE MAIN LINE BEING TAPPED. NO SIZE–ON–SIZE PRESSURE CONNECTIONS WILL BE ALLOWED.
2. INSTALL A MINIMUM OF 4" OF CA–11 BEDDING STONE UNDER STRUCTURE BOTTOM AND FILL ENTIRE EXCAVATION AROUND STRUCTURE UP TO THE CENTERLINE OF THE WATER MAIN WITH CA–11.
3. PIPE OPENINGS SHALL BE PRECAST INTO STRUCTURE WALL.
4. FRAME, ADJUSTING RINGS, & ALL VAULT SECTION JOINTS TO BE SEALED WITH BITUMINOUS ROPE SEALANT.
5. ALL LIFTING HOLES TO BE SEALED WITH BITUMINOUS PLUGS.
6. A 3/4" SAMPLING TAP SHALL BE MADE ON THE PROPERTY SIDE OF THE TAPPING VALVE.
7. ALL BELOW GRADE FASTENERS TO BE STAINLESS STEEL:
   A. BOLTS & THREADED RODS – GRADE #304
   B. NUTS & WASHERS – GRADE #300