

23" MAX.
SURFACE TO
FLARE OF CONE

5'-0" MINIMUM
(OR MEET EXIST. CONDITIONS)

2'-0"

NEENAH R-1713, TYPE B. SEE
STD COVER DETAIL FOR LID.

TWO (2) MAX. PRECAST CONC.
ADJUSTING RINGS MORTARED
(8" MAX.)

VALVE VAULT SHALL BE
CONSTRUCTED WITH
PRECAST REINFORCED
CONCRETE SECTIONS

STEEL REINFORCED (14" WIDE)
POLYURETHANE STEPS (TYPICAL)

TWO (2) BUTYL RUBBER
STRIPS (TYPICAL)

11"
7"
16" O.C.

TAPPING
VALVE

WATERMAIN

SEE NOTE 1

TAPPING
SLEEVE

RUBBER BOOT (TYP)

MORTAR

BUTYL RUBBER
STRIPS (TYP)
6" REINFORCED
CONCRETE SLAB

CONCRETE SUPPORTS

4" MIN.
SAND CUSHION

NOTES:

1. 60" (MIN) INSIDE DIA. FOR ALL PRESSURE CONNECTION VAULTS.
2. ALL NON-PRECAST PIPE OPENINGS TO BE CORED AND RUBBER BOOTED.
3. BACKFILL MATERIAL SHALL BE IDOT CA-7 VIRGIN CRUSHED LIMESTONE.
4. a) MECHANICAL JOINT BOLTS & NUTS SHALL BE COMPOSED OF CORE-TEN.
b) ALL OTHER HEXAGONAL BOLTS, NUTS & WASHERS SHALL BE COMPOSED OF 304 GRADE STAINLESS STEEL.
5. USE ECCENTRIC CONE ONLY.
6. VALVE VAULT MUST CONFORM TO ASTM C-478.
7. ALL SECTIONS TO BE TONGUE AND GROOVED.
8. BLOCKING SHALL NOT INTERFERE WITH BOLT MAINTENANCE OR REPLACEMENT.
9. PRIOR TO THE PLACEMENT OF FINAL LAYER OF ROADWAY, FRAMES AND ADJUSTING RINGS LOCATED WITHIN PAVED AREAS SHALL BE SET IN AN IDOT APPROVED CONCRETE "SI" MIXTURE.

NOT TO SCALE

**PRESSURE
CONNECTION
DETAIL**

DATE: 7-27-10