

23" MAX.  
SURFACE TO  
FLARE OF CONE

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

TWO (2) BUTYL RUBBER  
STRIPS (TYPICAL)

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

6"

SEE NOTE 1

TAPPING  
VALVE

TAPPING  
SLEEVE

WATERMAIN

MORTAR

RUBBER BOOT (TYP)

12" MIN.

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: 11-12-13