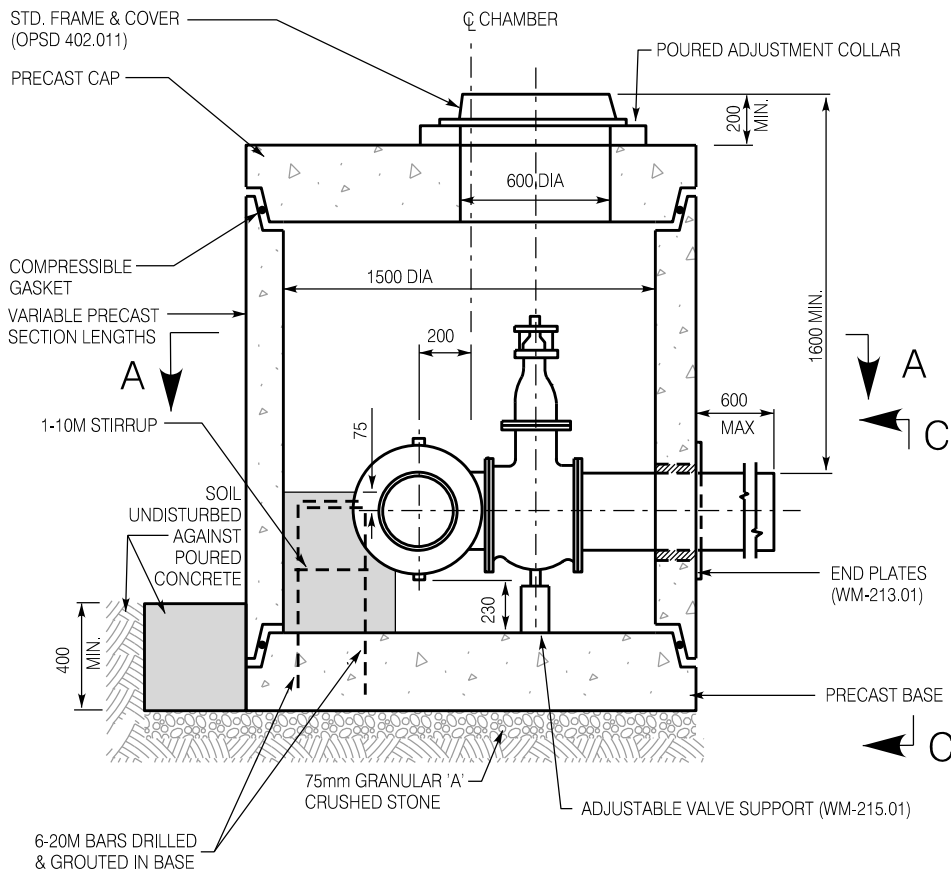


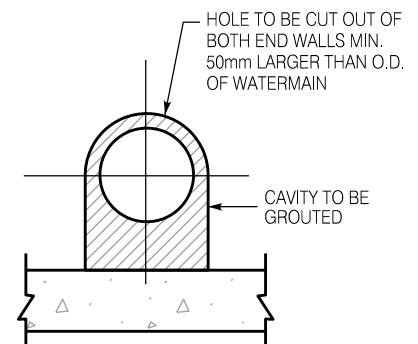
## SECTION A-A

### NOTES:

1. PRECAST SECTIONS TO BE MANUFACTURED TO ASTM C-478 AND CSA SPECIFICATIONS.
2. FILL ALL JOINTS AND LIFTING HOLES (INSIDE & OUT) 15mm THICK WITH 1:3 NON-SHRINK MORTAR MIX.
3. ALL ADJUSTMENTS TO CHAMBER AND KEY COVERS SHALL BE MADE WITH POURED CONCRETE.
4. ALL CONCRETE TO BE 30 MPa, TYPE 50 CEMENT.
5. ALL REINFORCING STEEL TO BE HIGH BOND STRUCTURAL GRADE MIN. 50mm OF CONCRETE COVER OVER REINFORCING.
6. DOGHOUSE OPENING TO BE CUT OUT MIN. 50mm LARGER THAN O.D. OF WATERMAIN. PIPE TO BE WRAPPED WITH MIN. 50mm THICK OF PLAST MASTIC MATERIAL. REMAINING CAVITY TO BE GROUTED. (SEE DOGHOUSE DETAIL).
7. ALL FLANGES TO BE IN ACCORDANCE WITH ANSI / AWWA.
8. ALL METAL COMPONENTS INSIDE VALVE CHAMBER, INCLUDING STAINLESS STEEL NUTS AND BOLTS, SHALL HAVE A PROTECTIVE CORROSION TAPE COATING SYSTEM (PRIMER, MASTIC AND TAPE). PROTECTIVE CORROSION TAPE COATING (PRIMER, MASTIC AND TAPE) IS NOT REQUIRED ON VALVE BODIES.
9. WALL THICKNESS FOR PRECAST CHAMBER SHALL BE 200mm MIN. CAP AND BASE TO BE 250mm MIN.



## SECTION B-B



## SECTION C-C

City of Hamilton  
Public Works Department

## TAPPING VALVE INSTALLATION FOR D.I. WATERMAINS 300mm DIA. AND SMALLER

DIMENSIONS SHOWN ARE IN MILLIMETRES  
UNLESS OTHERWISE NOTED (N.T.S.)

DATE  
June 2017

REV No  
1

FORMERLY: RWS-392

HAMILTON STD No

WM-201.02