

FRAME & GRATE  
AS SPECIFIED

15 mm PARGING  
MAX. 300 mm OF  
BRICK OR PRECAST  
ADJUSTMENT UNITS

TAPERED TOP  
SEE ALTERNATIVE  
C AND D

RUBBER GASKET  
IN RISER JOINTS

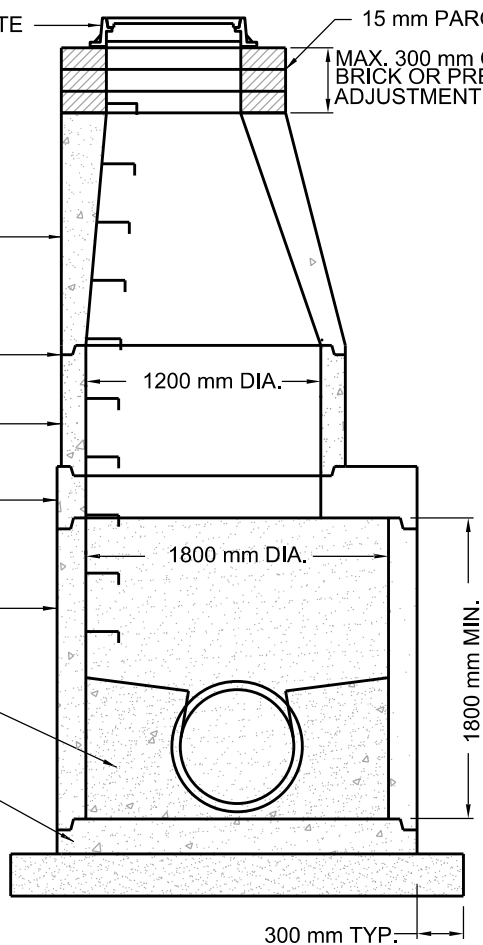
RISER SECTIONS  
AS REQUIRED

TRANSITION SLAB  
SEE ALTERNATIVE B

RISER SECTIONS  
AS REQUIRED

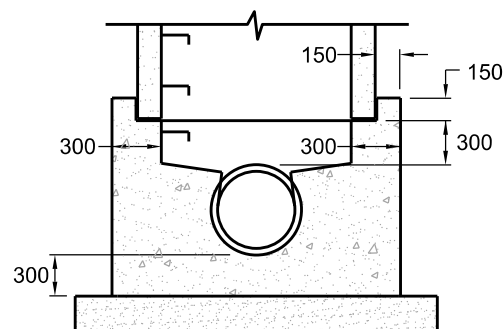
BENCHING OR SUMP  
NOTE 1

PRECAST SLAB BASE  
SEE ALTERNATIVE A

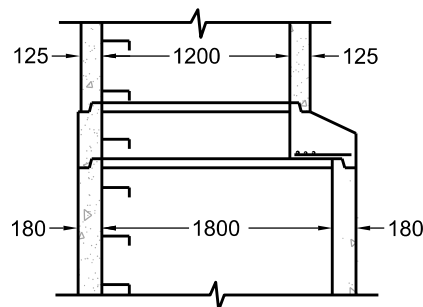


## ALTERNATIVES

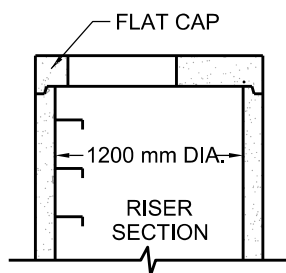
### A CAST IN PLACE BASE



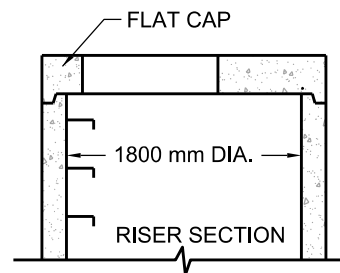
### B TAPERED TRANSITION SLAB



### C 1200 mm PRECAST FLAT CAP



### D 1800 mm PRECAST FLAT CAP



#### NOTES:

1. FOR SUMP DETAIL SEE T-701.010.
2. 150 mm OF COMPACTED GRANULAR A OR UNSHRINKABLE FILL TO BE PLACED ALL AROUND THE MAINTENANCE HOLE.
3. PRECAST CONCRETE COMPONENTS ACCORDING TO OPSD 701.050, OPSD 701.051, OPSD 703.012 AND OPSD 703.022
4. STRUCTURES EXCEEDING 5.0m IN DEPTH TO INCLUDE SAFETY PLATFORM ACCORDING TO OPSD 404.020.
5. PIPE SUPPORT ACCORDING TO T-708.020.
6. FOR BENCHING DETAILS, MAXIMUM PIPE HOLE DIAMETERS AND FLOW CONFIGURATIONS, SEE T-701.021.

All dimensions are in millimetres unless otherwise shown.

7. ALL DIMENSIONS ARE NOMINAL.
8. PARGING SHALL BE 1:3 MORTAR MIX.
9. WATERPROOFING OVER PARGING TO BE TWO HEAVY COATS OF BITUMEN.
10. WHERE PIPES JOIN AT MAINTENANCE HOLE, JOINTS ARE TO BE WATERTIGHT WITH THE APPROVED SEAL.
11. FIRST STEP TO BE 75 mm TO 300 mm BELOW FRAME. LAST STEP TO BE 300 mm ABOVE BENCHING OR 600 mm ABOVE INVERT IF NO BENCHING.



ENGINEERING AND CONSTRUCTION SERVICES STANDARD DRAWING

REV 3

APR 2014

PRECAST MAINTENANCE HOLE  
1800 mm DIAMETER

T-701.012-1

NTS

SHEET 1