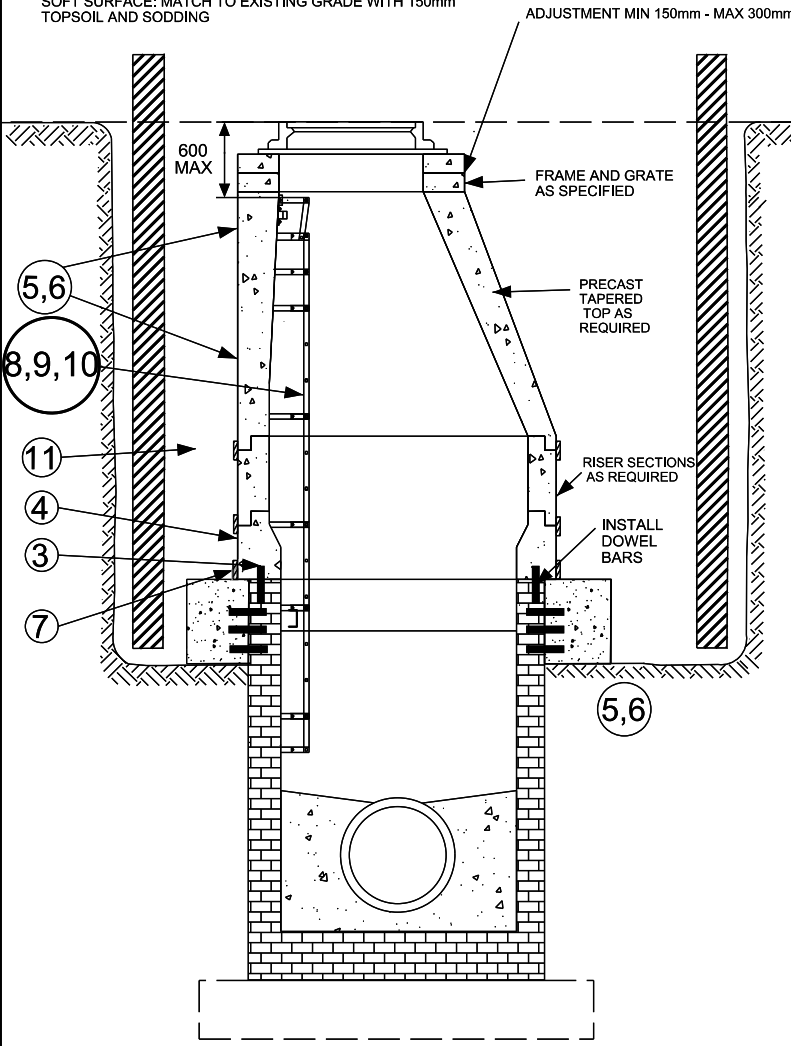


ROAD BASE/HARD SURFACE: MATCH TO EXISTING GRADE
SOFT SURFACE: MATCH TO EXISTING GRADE WITH 150mm
TOPSOIL AND SODDING



NOTES:

1. IF REQUIRED, CONSTRUCTION ACCESS PATH AS PER CONTRACT DRAWINGS AND PERMIT APPROVALS.
2. DEMOLITION AS PER DRAWING T-1120.04-2.
3. REPLACE DAMAGED BRICKS AND CAREFULLY DRILL HOLES TO INSTALL 300mm DOWELS AT 380mm SPACING. USE EPOXY TO PLACE DOWELS FIRMLY.
4. CAREFULLY INSTALL DOWEL BARS AT ALL AROUND EXISTING BRICK STRUCTURE UPON REMOVAL OF BRICK FRAME AND CHIMNEY. REPLACE DAMAGED BRICKS AND CAREFULLY DRILL HOLES TO INSTALL 32mm DIAMETER X 300mm LENGTH DOWEL BARS AT 380mm SPACING. USE EPOXY OR SUITABLE BONDING AGENT TO FIRMLY SECURE DOWELS.
5. BEDDING AS PER GEOTECHNICAL RECOMMENDATIONS. INSTALL CONCRETE PAD AS PER STRUCTURAL DESIGN, STAMPED AND APPROVED BY LICENSED PROFESSIONAL ENGINEER.
6. INSTALL POURED IN PLACE CHIMNEY TRANSITION PIECE
7. PRECAST CONCRETE COMPONENTS ACCORDING TO OPSD STANDARDS STATED SELECTED STANDARD DRAWINGS FOR MAINTENANCE HOLES. STEPS NOT TO BE INSTALLED ON PRECAST COMPONENTS AS FRP LADDERS AND LANDINGS TO BE INSTALLED PRIOR TO COMMISSIONING.
8. INSTALL PRECAST RISER COMPONENTS AS REQUIRED TO RAISE MAINTENANCE FRAME AND COVER TO EXISTING GRADE. MAINTENANCE FRAME AND COVER TO BE INSTALLED PER CITY STANDARD DRAWINGS T-1120.06-1, T-1120.06-2 AND T-1120.06-3.
9. WATERPROOF MEMBRANE BELOW GRADE TO BE "MEL-ROL" BY W.R. MEADOWS OF MILTON, ONTARIO OR APPROVED EQUIVALENT TO BE APPLIED IN 300 mm MINIMUM WIDTH TO ALL EXPOSED MAINTENANCE HOLE STRUCTURE JOINTS
10. INSTALL FRP LADDER, REMOVABLE FRP LADDER RUNG AND ACCESS HANDLE BRACKET AND FRP SAFETY LADDER (IF APPLICABLE). SEE T-1120.05-1, T-1120.05-2 AND T-1120.05-3.
11. STRUCTURES EXCEEDING 4.5m TO INCLUDE SAFETY PLATFORM EVERY 4.5m ACCORDING TO OPSD 404.020 EVEN IF EXISTING MAINTENANCE HOLE DOES NOT. PLATFORM SPACING IN ACCORDANCE WITH STANDARD DRAWING T-1120.05-2, NOTE 2.
12. FIRST STEP TO BE 75mm TO 450mm BELOW FRAME. LAST STEP TO END 400mm OR LESS FROM BENCHING.
13. 150 mm OF COMPACTED GRANULAR A OR UNSHRINKABLE FILL TO BE PLACED ALL AROUND THE MAINTENANCE HOLE.
14. ALL DIMENSIONS ARE NOMINAL.

All dimensions are in millimetres unless otherwise shown.



ENGINEERING & CONSTRUCTION SERVICES STANDARD DRAWING

**REPLACEMENT OF
BRICK MAINTENANCE HOLE CHIMNEY**

REV 0

SEP 2019

T-1120.04-5

NTS

SHEET 1