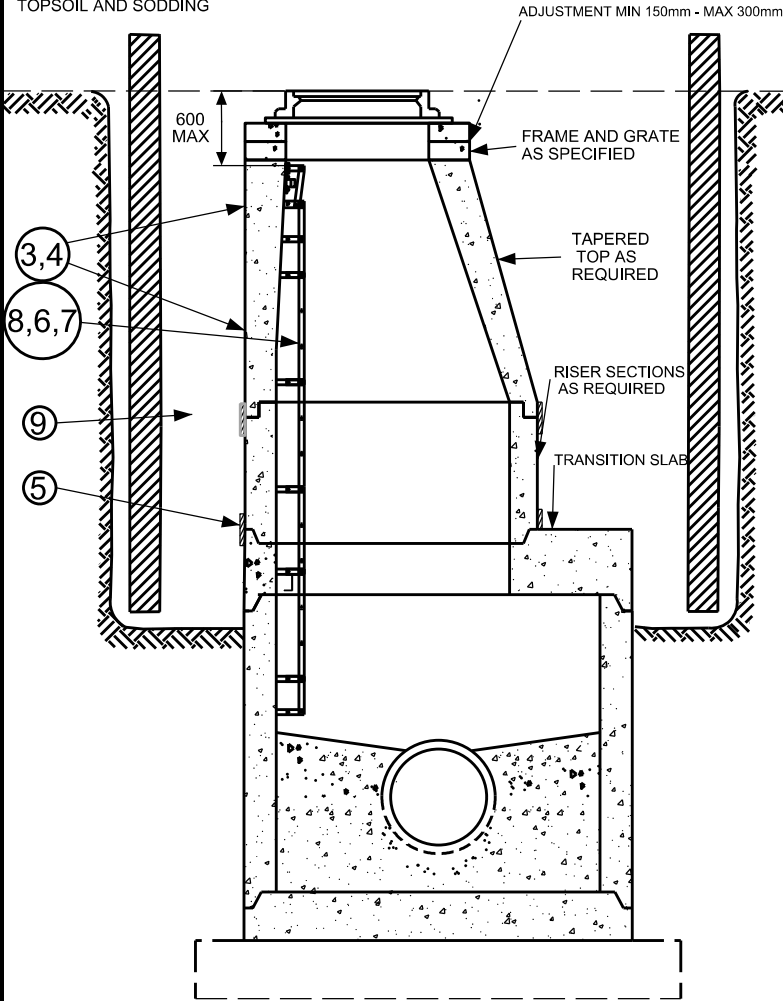


ROAD BASE/HARD SURFACE: MATCH TO EXISTING GRADE  
 SOFT SURFACE: MATCH TO EXISTING GRADE WITH 150mm  
 TOPSOIL AND SODDING



NOTES:

1. IF REQUIRED, CONSTRUCTION ACCESS PATH AS PER CONTRACT DRAWINGS AND PERMIT APPROVALS.
2. DEMOLITION AS PER DRAWING T-1120.04-1.
3. PRECAST CONCRETE COMPONENTS ACCORDING TO OPSD STANDARDS STATED ON STANDARD DRAWINGS FOR MAINTENANCE HOLES. RUNGS NOT TO BE INSTALLED ON PRECAST COMPONENTS AS FRP LADDERS AND LANDINGS TO BE INSTALLED PRIOR TO COMMISSIONING.
4. 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.
5. 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
6. INSTALL FRP LADDER, REMOVABLE FRP LADDER RUNG AND ACCESS HANDLE BRACKET AND FRP SAFETY LADDER (IF APPLICABLE). REFER TO DRAWING T-1120.05-1, T-1120.05-2 AND T-1120.05-3.
7. 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.
8. FIRST STEP TO BE 75mm TO 450mm BELOW FRAME. LAST STEP TO END 400mm OR LESS FROM BENCHING.
9. 150 mm OF COMPACTED GRANULAR A OR UNSHRINKABLE FILL TO BE PLACED ALL AROUND THE MAINTENANCE HOLE.
10. THE MAXIMUM DISTANCE FROM THE COVER TO THE TOP OF THE LADDER IS 600mm.
11. ALL DIMENSIONS ARE NOMINAL.

All dimensions are in millimetres unless otherwise shown.

ENGINEERING & CONSTRUCTION SERVICES STANDARD DRAWING

REV 0

SEP 2019

**REPLACEMENT OF  
 PRECAST MAINTENANCE HOLE CHIMNEY**

**T-1120.04-3**

NTS

SHEET 1

