300 mm

300 mm

SPRING LINE

300 mm
TYP.

NOTES:

1. IF REQUIRED, CONSTRUCTION ACCESS PATH AS PER CONTACT DRAWINGS AND PERMIT APPROVALS.

2. THIS DRAWING TO BE USED WITH DRAWING T-1120.01-2.

3. COMPLETE GEOTECHNICAL AND HYDROGEOLOGICAL ASSESSMENTS FOR BEDDING REQUIREMENTS AND FOR SLAB DESIGN

4. DETERMINE REQUIRED CIRCULAR MAINTENANCE HOLE SIZE. SEE T-701.021, FLOW CONFIGURATION No.5 - STRAIGHT THROUGH. SEE T-701.010, T-701.011, T-701-012-1, T-701.013 FOR MAINTENANCE HOLE SIZES AND CONFIGURATIONS.

5. 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.

6. INSTALL SHORING SIZED TO ACCOMMODATE INSTALLATION OF REQUIRED SLAB BASE, MAINTENANCE HOLE CHAMBER AND ASSOCIATED RISER COMPONENTS.

7. EXCAVATE TO 300mm ABOVE THE CROWN OF THE SEWER.

8. MANUALLY EXCAVATE/HYDROVACUUM SURROUDING SOIL TO THE SPRING LINE OF SEWER PIPE.

9. SUPPORT SEWER PIPE THE FULL LENGTH OF THE EXCAVATION.

10. MANUALLY EXCAVATE/HYDROVACUUM SURROUNDING SOIL TO APPROPRIATE DEPTH TO ACCOMMODATE INSTALLATION OF REQUIRED BEDDING AND BASE SLAB THICKNESS.

11. INSTALL BEDDING PER GEO-TECHNICAL AND HYDRO-GEOLOGICAL REPORT RECOMMENDATIONS

12. INSTALL 35MPA CONCRETE SUPPORT BASE.

13. INSTALL PRECAST DOGHOUSE CHAMBER SECTION. WHERE PIPES JOIN AT THE MAINTENANCE HOLE, JOINTS ARE TO BE WATERTIGHT WITH APPROVED SEAL.

14. FILL WITH 35 MPA CONCRETE TO SPRING LINE OF PIPE.

15. ALL DIMENSIONS NOMINAL.

16. FOR SUMP DETAL SEE DRAWING T-701.010.

All dimensions are in millimetres unless otherwise shown.

ENGINEERING & CONSTRUCTION SERVICES STANDARD DRAWING	REV 0	SEP 2019
TORONTO — **BASE DETAIL - NEW MAINTENANCE HOLE FOR EXISTING LARGE DIAMETER SEWER**	**T-1120.01-1**	
	NTS	SHEET 1