



NOTES:

1. SOIL VOLUME SHALL BE 30m³ MINIMUM PER TREE.
2. SEE MANUFACTURER'S DETAILS AND SPECIFICATIONS FOR SOIL CELL SYSTEM, GEOTEXTILE, GEOGRID, TRENCH AND SUBGRADE PREPARATION, AND BACKFILL MATERIALS.
3. UNDERDRAIN SHALL BE 200mm DIA. SMOOTH INTERIOR WALLED PERFORATED PIPE, INSTALLED 100mm MIN. ABOVE BASE OF EXCAVATION.
4. FOR STORMWATER DISTRIBUTION DETAILS REFER TO T-850.184-1 AND T-850.184-2.
5. FOR TREE HEALTH, LOCATE INLETS AWAY FROM ROOT BALLS TO MINIMIZE POTENTIAL DAMAGE. FOR INLET DETAILS, REFER TO T-850-104.
6. GRAVEL USED FOR DRAINAGE LAYER TO BE 40-20mm UNIFORMLY GRADED, CLEAN (MAXIMUM WASH LOSS OF 0.5%), CRUSHED ANGULAR STONE THAT HAS A POROSITY OF 0.4.
7. THE ENGINEER SHALL SPECIFY GEOTEXTILE REQUIREMENTS FOR FULL COMPATIBILITY WITH SOIL CELL MANUFACTURER'S DETAILS AND SPECIFICATIONS, IN ALL CASES ENSURING PROTECTION OF THE GROWING MEDIUM AND DRAINAGE LAYERS FROM FINES CONTAMINATION FROM IN-SITU SOILS.
8. WHERE POSSIBLE, SOIL TRENCHES SHALL BE DESIGNED TO ALLOW SHARED SOIL VOLUME WITH ADJACENT PROPERTIES.

All dimensions are in millimetres unless otherwise shown.

	ENGINEERING & CONSTRUCTION SERVICES STANDARD DRAWING	REV 0	APR 2022
	CONTINUOUS SOIL TRENCH WITH SOIL CELLS	T-850.182-2	
	WITH TREE FENCE		
	TYPICAL SECTION AT TREE OPENING	1:30	SHEET 1