TREE PLANTING, AS PER
T-850-026-1 AND TS 5.30

MIN. 5400 PUBLIC BOULEVARD WIDTH

MAINTAIN MIN. 2100 (VARIES)
PEDESTRIAN CLEARWAY

RAISED PLANTER CURB

PROPERTY LINE / PUBLIC
RIGHT-OF-WAY

MAINTAIN MIN. 1500 CLEARWAY
DURING CONSTRUCTION

PLANTER CURB
BEYOND

MIN. 460 CLEARANCE
TO ROADWAY

SLOPE
2% TO 4%

SURFACE
TREATMENT
AND BASE PER
CITY STANDARD

200

CONCRETE
CURB

ROADWAY

GEOTEXTILE &
GEOGRID (NOTE 2)

2
1

GRANULAR
SUBBASE

SOIL CELL
SYSTEM (NOTE 2)

MAX. 1600 GROWING
MEDIUM DEPTH

GROWING
MEDIUM, REFER
TO TS 5.10

2
1

ROADWAY
SUBDRAIN AS
PER T-216.02-8

GRANULAR A BACKFILL
OR AS SPECIFIED
(NOTE 2 & 8)

GEOTEXTILE
(NOTE 7)

20-10mm CLEAN WASHED HL 6
CHOKER LAYER, MIN. DEPTH 100mm

SUBGRADE PREPARATION
(NOTE 2)

40-20mm CLEAN WASHED STONE
MIN. 100mm DEPTH

200mm DIA. PERFORATED UNDERDRAIN
SURROUNDED BY 100mm MIN. OF 40-
20mm CLEAN WASHED STONE (NOTE 3)

NOTES:
1. SOIL VOLUME SHALL BE 30m^3 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		
WITH PLANTER CURB	**T-850.181-3**	
TYPICAL SECTION AT MID-BLOCK	1:30	SHEET 1

TORONTO