

A STA - BIORETENTION TREE POD WITHIN TURF - TYPICAL SECTION
BSD-8338

NOTES:

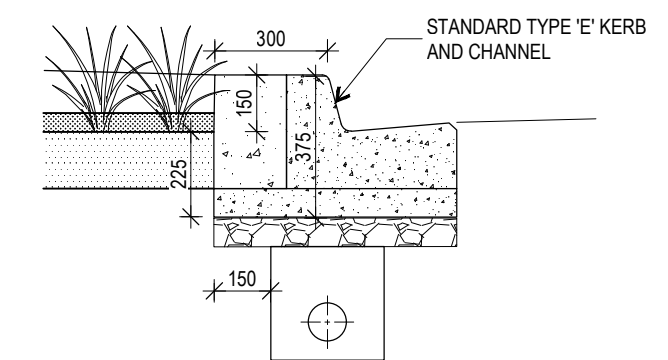
STREET TREE STANDARD NOTES

1. SYSTEM TO CONSTRUCTED IN ACCORDANCE WITH THE WATER BY DESIGN 'CONSTRUCTION AND ESTABLISHMENT GUIDELINES'.
2. STORMWATER KERB OPENING TO BE TEMPORARILY BLOCKED DURING CONSTRUCTION.
3. FILTER MEDIA, TRANSITION LAYER AND DRAINAGE LAYER IN ACCORDANCE WITH "APPENDIX C: GUIDELINES FOR FILTER MEDIA IN STORMWATER BIOFILTRATION SYSTEMS" PUBLISHED BY THE COOPERATIVE RESEARCH CENTRE FOR WATER SENSITIVE CITIES (CRC WSC).
4. UNDER-DRAIN, SLOTTED RIGID PIPE (uPVC/HDPE SIMILAR TO AS2439.1) OR APPROVED EQUIVALENT, 0.5% MINIMUM GRADE. DIAMETER TYPICALLY 100mm. PIPE JOINS SHALL BE GLUED WITH PLUMBING CEMENT. PIPE SHALL NOT BE INSTALLED WITH A SOCK SURROUNDING PIPE. UNDER-DRAINAGE PIPES SHALL BE SEALED INTO PITS USING GROUTS OR OTHER APPROVED WATERTIGHT SEAL. MINIMUM 50mm DRAINAGE LAYER OVER UNDER-DRAINAGE PIPE.
5. FILTER CLOTH - NON-WOVEN GEOTEXTILE. FILTER CLOTH NOT TO BE PLACED BETWEEN ANY FILTER LAYERS. IMPERVIOUS LINER MAY BE REQUIRED ADJACENT TO ROADS AND MAY ALSO BE REQUIRED SUBJECT TO SOIL TESTING REQUIREMENTS IN ACCORDANCE WITH THE "WATER SENSITIVE URBAN DESIGN TECHNICAL GUIDELINES" (WATER BY DESIGN).
6. VEGETATION: PLANT SPECIES STREET FURNITURE AND LAYOUT TO BE DETERMINED ON A PROJECT BY PROJECT BASIS. PLANT SPECIFICATION AND DENSITY SHALL BE IN ACCORDANCE WITH "BIORETENTION TECHNICAL DESIGN GUIDELINES" (WATER BY DESIGN) AND BRISBANE CITY COUNCIL'S 'INFRASTRUCTURE PLANNING SCHEME POLICY'. TREE SPECIES TO BE SELECTED AS PER THE INFRASTRUCTURE PLANNING SCHEME POLICY AND ALSO CONSIDERING THEIR SUITABILITY FOR WET AND DRY CONDITIONS. REFER TO NEW PLANTING STANDARDS DRAWING.
7. MULCH: 75mm MULCH LAYER TO BE ORGANIC AND FRIABLE, SUCH AS SUGARCANE MULCH. MULCH TO BE SECURED WITH JUTE MESH TO MANUFACTURER'S SPECIFICATIONS.
8. ALL DIMENSIONS IN MILLIMETRES (U.N.O.).

SECTION NOTES:

- S1. THIS PLAN TO BE READ IN CONJUNCTION WITH BSD-9034. REFER TO BSD-9034 FOR PLAN VIEW DETAILS AND NOTES.
- S2. PROVISION FOR SAFETY OF PEDESTRIANS AND OTHER USERS SHALL BE IN ACCORDANCE WITH AUSTRROADS REQUIREMENTS SUCH AS LIMITING DEPTH OF VERTICAL DROPS.
- S3. MAINTAIN 50-100mm RADIUS SEPARATION BETWEEN MULCH AND STEM OF TREE.
- S4. DROP FROM KERB BACKING STRIP TO FILTER SURFACE NOT TO EXCEED 250mm.
- S5. KERB ADAPTORS ARE NOT TO BE DIRECTLY PLUMBED INTO SYSTEM.
- S6. TREE PITS MAY BE LINKED VIA SUITABLY SIZED DRAINAGE PIPE WHERE DISTANCE TO NEAREST GULLY EXCEEDS 30m.

VERIFY LOCATION OF SERVICES PRIOR TO EXCAVATION.



B KERB BACKING STRIP DETAILS
BSD-8338

THE PURPOSE OF THIS STANDARD DRAWING IS TO PROVIDE TYPICAL DETAILS THAT SUPPORT THE DESIRED OUTCOMES OF THE BRISBANE CITY PLAN 2014 AND ASSOCIATED PLANNING SCHEME POLICIES. THE FITNESS FOR PURPOSE OF THIS STANDARD DRAWING FOR A SPECIFIC PROJECT SHOULD BE ASSESSED AND ACCEPTED BY AN APPROPRIATELY QUALIFIED DESIGNER AND/OR REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND (RPEQ).



BRISBANE CITY COUNCIL STANDARD DRAWING
STORMWATER TREATMENT ASSET (STA)
TREE WITHIN TURF
SECTION

PUBLISH DATE		JUN 2023
SCALE		NOT TO SCALE
DRAWING NUMBER		BSD-8340
ORIGINAL SIZE	REVISION	
A3	A	