



STA BIORETENTION POD (VERGE TYPE) - TYPICAL LAYOUT

NOTES

1. THIS PLAN IS TO BE READ IN CONJUNCTION WITH BSD-8332.
2. FOR BIORETENTION SYSTEM NOTES AND DIMENSIONS REFER TO BSD-8332.
3. GENERAL DESIGN: STA BIORETENTION SYSTEM TO BE DESIGNED IN ACCORDANCE WITH "BIORETENTION TECHNICAL DESIGN GUIDELINES" (WATER BY DESIGN).
4. CONSTRUCTION: STA BIORETENTION SYSTEM TO BE CONSTRUCTION IN ACCORDANCE WITH "CONSTRUCTION AND ESTABLISHMENT GUIDELINES" (WATER BY DESIGN).
5. VEGETATION: PLANT SPECIES, 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 DESIGN PLANNING SCHEME POLICY. TREE SPECIES TO BE SELECTED AS PER THE CENTRES DETAIL DESIGN MANUAL AND ALSO CONSIDERING THEIR SUITABILITY FOR WET AND DRY CONDITION. VEGETATION TO BE INSTALLED ON 300MM MINIMUM TOP SOIL LAYER.
6. DETAIL TO BE INCORPORATED IN DEVELOPMENTS WHERE SERVICES/PERMITS/GRADES ENABLE THE CONSTRUCTION OF THE BIORETENTION SYSTEM AND WHERE THE UNDER-DRAIN CAN BE CONNECTED TO GULLY.
7. SELECTION OF APPROPRIATE PLAN LAYOUT IS BASED ON SITE SPECIFIC DETAILS INCLUDING SPACE, SERVICES, DRAINAGE, TOPOGRAPHY, TRAFFIC CONDITIONS ETC.
8. APPROVAL FOR VARIATIONS TO EXISTING ROADS/VERGES SHALL BE OBTAINED FROM COUNCIL.
9. IF THERE IS A GRADE UP FROM THE ROAD TO THE FOOTPATH, A RETAINING WALL AND FENCE MAY BE REQUIRED AND A STREETScape BIORETENTION SYSTEM IN THE VERGE MAY BE LESS FEASIBLE.
10. STREETScape BIORETENTION MAY NOT BE SUITABLE ADJACENT TO CAR PARKING DUE TO ACCESS CONSTRAINTS.
11. MULTIPLE KERB INLETS MAY BE REQUIRED DEPENDING ON CONTRIBUTING CATCHMENT, GRADE, LENGTH AND INFLOWS.
12. KERB FRONTAGE OF 1 METRE PER BIN FOR THE ALLOTMENT SHALL BE PROVIDED WITH A MINIMUM CLEAR KERB OF 2 METRES FOR SINGLE DWELLINGS.
13. CONSIDER PLACEMENT OF BIORETENTION POD AT DIVIDING BOUNDARY TO PREVENT IMPINGING ON AVAILABLE PROPERTY ACCESS.
14. BIORETENTION PODS ARE GENERALLY NOT SUITABLE ON ROADS WITH LONGITUDINAL GRADE LESS THAN 0.5% OR GREATER THAN 5%.

VERIFY LOCATION OF SERVICES PRIOR TO EXCAVATION.

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)
POD (VERGE TYPE)
LAYOUT

PUBLISH DATE		JUN 2023	
SCALE		NOT TO SCALE	
DRAWING NUMBER		BSD-8331	
ORIGINAL SIZE	REVISION	A3	E