



STA BIORETENTION SWALE INLET LAYOUT

NOTES:

- REFER TO BSD-8301 FOR GENERAL SWALE NOTES.
- REFER TO BSD-8335 FOR BIORETENTION SWALE NOTES.
- FIELD INLETS: FIELD INLETS TO BE LOCATED WITHIN SWALE CHANNEL UPSTREAM OF ROAD CROSSINGS AND/OR TO CONVEY FLOWS ABOVE SWALE CAPACITY TO PIPED DRAINAGE. FIELD INLETS AND PIPES SHALL BE DESIGNED TO THE REQUIRED CAPACITY IN ACCORDANCE WITH QUDM. MAXIMUM FIELD INLET SPACING TO BE DETERMINED BASED ON SWALE MAXIMUM FLOW/DEPTH REQUIREMENTS (REFER NOTE ON BSD-8301) BUT NOT TO EXCEED 60m. 'TYPE 2' FIELD INLETS ARE PREFERRED (REFER BSD-8091) EXCEPT WHERE LOCAL FLOODING IS CRITICAL.
- FIELD INLETS TO BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAILS PROVIDED IN BSD-8091. LANDSCAPING (e.g. DENSE GROUND COVER PLANTING) SHOULD BE PROVIDED AROUND FIELD INLETS TO REDUCE ACCESS TO FIELD INLETS BY PUBLIC.
- INLET GRATES MAY BE DESIGNED TO COMPLIMENT A PARTICULAR STREETScape OR PUBLIC ART THEME. DESIGNERS MUST CONSIDER PEDESTRIAN AND BICYCLE SAFETY AS WELL AS HYDRAULIC EFFICIENCY AND MAINTENANCE ACCESS.
- CONCRETE: N25 IN ACCORDANCE WITH AS1379 AND AS3600.
- STAMP CONCRETE WITH THE FOLLOWING TEXT: "THIS GARDEN FILTERS STORMWATER AND PROTECTS OUR WATERWAYS". TEST TO BE 50 HIGH AND FONT STYLE 'AVENIR' (SAND SERIF) OR 'ARIAL' (SANS SERIF) IN LINE WITH BRISBANE CITY COUNCIL'S CORPORATE STYLE GUIDE.
- DIMENSIONS IN MILLIMETRES (U.N.O.).

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)
BIORETENTION SWALE
FIELD INLET DETAILS

PUBLISH DATE		JUN 2023
SCALE		NOT TO SCALE
DRAWING NUMBER		BSD-8336
ORIGINAL SIZE	REVISION	
A3	A	