



TURFED SWALE INLET DETAIL

NOTES:

1. TYPE 2 FIELD INLET PREFERRED TO CAPTURE GROSS POLLUTANTS. TYPE 1 FIELD INLET SHALL BE INSTALLED WHERE MITIGATING LOCAL FLOODING IS CRITICAL, AND ON MOST DOWNSTREAM FIELD INLET. INLET TO BE IN ACCORDANCE WITH BSD-8091. DOME COVERS IN ACCORDANCE WITH BSD-8092 WHERE USE IS DESIRED.
2. VERGE OR MEDIAN SHOULD BE ASSESSED FOR LIKELY PEDESTRIAN TRAFFIC AND IF NECESSARY, BOLLARDS OR SAFETY BARRIERS SHOULD BE INSTALLED AROUND RAISED GRATES WHERE LANDSCAPED BUFFERS ARE NOT PROVIDED. ADEQUATE PROVISION IS TO BE PROVIDED FOR THE PASSAGE OF PEDESTRIANS AROUND OBSTRUCTION (TYPICALLY 1.8m MIN. CLEARANCE).
3. STRUCTURAL SOIL: SELECTED SPALLS 50-75 mm DIA VOIDS FILLED WITH SOIL MEDIA. SOIL LENMD CONFORMING TO AS4419, WITH NO MORE THAN 5% SCREENED COMPOSTED ORGANIC MATTER, MINIMUM HYDRAULIC CONDUCTIVITY OF 5-25 cm/hr AND A MINIMUM CEC (CATHION EXCHANGE CAPACITY) OF 20meq/100g, AND PH RANGE OF 5-6.5.
4. TURFED SWALE UNDER-DRAIN AS PER UMS BSD-8305.
5. CONCRETE N25 IN ACCORDANCE WITH AS1379 AND AS3600.
6. DIMENSIONS IN MILLIMETRES (U.N.O.).

DESIGN REVIEWED & CERTIFIED FOR ISSUE
 NAME: MARK R. GIBSON RPEQ: 6722
 SIGNATURE: SIGNATURE ON ORIGINAL DATE: 03/04/14

B	NOTES UPDATED	Feb '15	Feb '15	Feb '15
A	ORIGINAL ISSUE	Apr '14	Apr '14	Apr '14
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ASSET ENGINEERING MANAGER STRATEGIC ASSET MANAGEMENT			
DESIGN APPROVED			
PETER KURAS SIGNATURE ON ORIGINAL DATED APRIL '14			
PRINCIPAL PROGRAM OFFICER NATURAL ENVIRONMENT WATER & SUSTAINABILITY			
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ASSOCIATED PLANS	SUPERSEDES UMS-157		



BRISBANE CITY COUNCIL STANDARD DRAWING	
GRASS SWALE - FIELD INLET DETAILS	
SCALE	NOT TO SCALE
DWG No.	BSD-8306
ORIGINAL SIZE	A3
REVISION	B