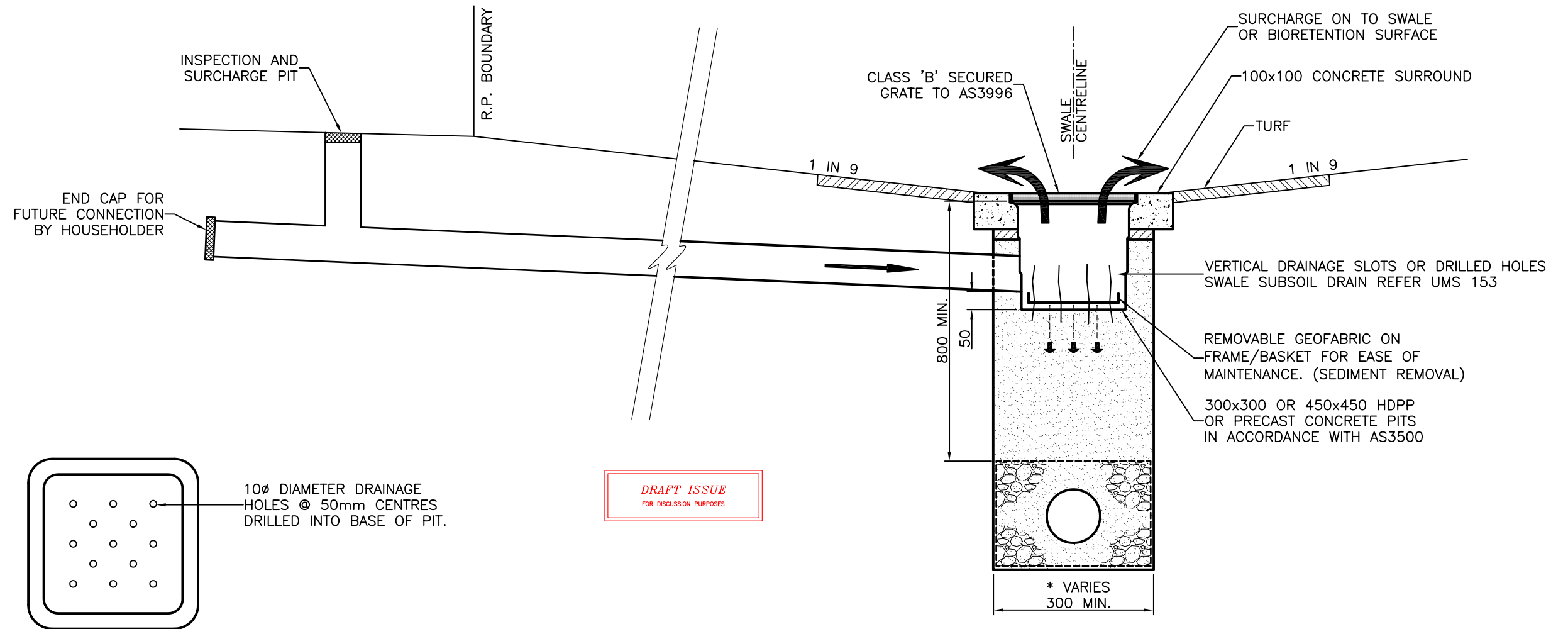


DRAFT ISSUE  
FOR DISCUSSION PURPOSES

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FOR DISCUSSION PURPOSES



**SURCHARGE PIT**  
(PLAN VIEW)

**SURCHARGE PIT DETAIL**  
(ELEVATION)

DRAFT ISSUE  
FOR DISCUSSION PURPOSES

**NOTES:**

1. ROOFWATER SURCHARGE PITS ARE TO BE CONSTRUCTED OVER SWALE SUBSOIL DRAINS OR BIORETENTION SYSTEMS.
2. PIT SIZES AND/OR VARYING PIPE CONNECTION DIAMETERS ARE AS FOLLOWS:  
 < 100mm $\phi$  - 300x300mm  
 < 225mm $\phi$  - 450x450mm  
 > 225mm $\phi$  - NOT SUITABLE FOR SURCHARGE PITS IN FOOTPATHS
3. DIMENSIONS IN MILLIMETRES (U.N.O.).

DRAFT ISSUE  
FOR DISCUSSION PURPOSES

DRAFT DESIGN APPROVED FOR ISSUE

SIGNATURE : P Cotton signature on original DATE : 09/03/05  
MANAGER INFRASTRUCTURE MANAGEMENT - R.P.E.Q. : 2546

DRAFT ISSUE  
FOR DISCUSSION PURPOSES

DRAFT	DRAFT ISSUE FOR DISCUSSION	FEB '05	MAR '05	MAR '05
ISSUE	AMENDMENT	DRAWN	CHK'D DATE	APPR'D DATE

DESIGN AUTHORISED FOR ISSUE					
MANAGER INFRASTRUCTURE MANAGEMENT					
R.P.E.Q.:					
DESIGN APPROVED					
PRINCIPAL ENGINEER					
STRATEGIC INFRASTRUCTURE MANAGEMENT					
DESIGN	CD/UMD	DATE	Feb '05		
DRAWN	CD/UMD	DATE	Feb '05		
CHECKED	IMB (KP)	DATE	Mar '05		
DRAWING FILENAME	UMS 158 (DRAFT)				
ASSOCIATED PLANS					



**BRISBANE CITY COUNCIL - URBAN MANAGEMENT DIVISION**

**WATER SENSITIVE URBAN DESIGN  
SWALE SUBSOIL DRAIN SECTIONS  
TO GRASSED SWALES**

SCALE	NOT TO SCALE
DWG No.	<b>UMS 158</b>
ORIGINAL SIZE	A3
REVISION	DRAFT