



NOTES

1. CHARTS TO BE USED TO DETERMINE THE HYDRAULIC CAPTURE OF BCC STANDARD TYPE 'A' GRATE ONLY INSTALLED IN LIP-IN-LINE CONFIGURATION. REFER BSD-8053 FOR GRATE DETAILS AND BSD-8051 FOR GULLY DETAILS.
2. FOR APPROVED PROPRIETARY PRODUCTS, MANUFACTURER/SUPPLIER TO SUPPLY FULL HYDRAULIC DESIGN DETAILS AND CAPTURE CHARTS.
3. DATA BASED ON TESTING UNDERTAKEN AT URBAN WATER RESOURCES CENTRE, UNIVERSITY OF SOUTH AUSTRALIA FOR BRISBANE CITY COUNCIL, GOLD COAST CITY COUNCIL AND QUEENSLAND DEPARTMENT OF MAIN ROADS, MARCH 2001 AND NOVEMBER 2002. (NO EXTRAPOLATION BEYOND THE LIMITS OF THE CHARTS SHOULD BE UNDERTAKEN.)
4. CAPTURE BASED ON MAXIMUM CHAMBER WATER LEVEL:
 - 150mm BELOW CHANNEL INVERT LEVEL FOR $S = 0.5\%$ TO 3%
 - 350mm BELOW CHANNEL INVERT LEVEL FOR $S > 3\%$.
5. CAPTURE CHARTS REFER TO STANDARD LIP-IN-LINE GULLY WITH 125mm THROAT OPENING. REFER BSD-8051, REVISION 'C' FOR DETAILS.
6. 10% BLOCKAGE APPLIED TO GRATE.

LEGEND

- XX%. KERB AND CHANNEL LONGITUDINAL SLOPE (S_0)
- BASED ON ACTUAL DATA
- EXTRAPOLATED DATA

ISSUE	AMENDMENT	DRAWN DATE	CHK'D DATE	APPR'D DATE
B	Drawing Title Amended	FEB '16	JUL '16	JUL '16
A	Drawing Converted from UMS Series April 2014	APR '14	APR '14	APR '14

DRAWING AUTHORISED FOR PUBLICATION
 B.BALL SIGNATURE ON ORIGINAL
 DATED 31/10/01

MAN INFRASTRUCTURE MANAGE - R.P.E.O. 3852

DESIGN APPROVED
 B.HANSEN SIGNATURE ON ORIGINAL
 DATED 31/10/01

PRINCIPAL ASSET OFFICER
 ROADS AND DRAINAGE

DESIGN	INFST MNGMT	DATE	OCT '01
DRAWN	INFST MNGMT	DATE	OCT '01
CHECKED	M.STEER	DATE	OCT '01
DRAWING FILENAME	BSD-8076 (B) Hydraulic capture charts, lip in line gully on grade, type 'E' K&C, 480mm lintel.dwg		
ASSOCIATED PLANS	SUPERSEDES UMS-386		



BRISBANE CITY COUNCIL STANDARD DRAWING	
HYDRAULIC CAPTURE CHARTS	
LIP IN LINE GULLY ON GRADE	
TYPE 'E' KERB AND CHANNEL	
4800mm LINTEL	
SCALE	NOT TO SCALE
DWG No.	BSD-8076
ORIGINAL SIZE	A3
REVISION	B