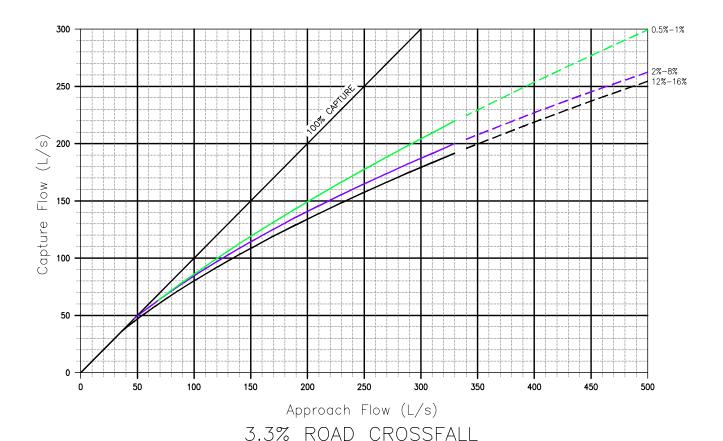


## 2.5% ROAD CROSSFALL



## NOTES

- 1. CHARTS TO BE USED TO DETERMINE THE HYDRAULIC CAPTURE OF BCC STANDARD TYPE 'A' GRATE ONLY INSTALLED IN KERB IN LINE CONFIGURATION. REFER BSD-8053 FOR GRATE DETAILS AND BSD-8052 FOR GULLY DETAILS.
- 2. FOR APPROVED PROPRIETY 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, MAY 2005. (NO EXTRAPOLATION BEYOND THE LIMITS OF THE CHARTS SHOULD BE UNDERTAKEN.)
- 4. CAPTURE BASED ON MINIMUM CHAMBER WATER LEVEL 150mm
  BELOW CHANNEL INVERT LEVEL WHERE THE WATER SURFACE IS
  SIGNIFICANTLY BELOW THIS (ie. >450mm); CAPTURE MAY BE
  ADJUSTED FOR LONGITUDINAL SLOPES AS FOLLOWS:
  0% TO AND INCLUDING 1% NIL

1% TO AND INCLUDING 6% - INCREASE BY 6% 6% TO AND INCLUDING 16% - INCREASE BY 10%

- 5. TO USE CURVES, SELECT APPROPRIATE SLOPE ON CHART. DO NOT INTERPOLATE BETWEEN RANGES/CURVES.
- 6. 10% BLOCKAGE APPLIED TO GRATE.
- 7. TYPE 'E' AND TYPE 'D' KERB CONDITIONS WERE TESTED. TYPE 'D' RESULTS HAVE BEEN ADOPTED ON THESE CHARTS.
- 8. CAPTURE CHARTS REFER TO STANDARD KERB-IN-LINE GULLY WITH 125mm THROAT OPENING. REFER BSD-8052, REVISION 'B' FOR DETAILS

## **LEGEND**

XX%. KERB AND CHANNEL LONGITUDINAL SLOPE (S.)

---- EXTRAPOLATED DATA

B.BALL SIGNATURE ON ORIGINAL DATED 31/10/01  MAN INFRASTRUCTURE MANAGE - R.P.E.Q: 3 8 5 2  B. Drawing Title Amended  A. Drawing Converted from UMS Series April 2014  A. Drawing Converted from UMS Series April 2014  B. BALL SIGNATURE ON ORIGINAL DATED OCT '01  MAN INFRASTRUCTURE MANAGE - R.P.E.Q: 3 8 5 2  CHECKED  M.STEER  DATE  OCT '01  DRAWING  CHECKED  DATE  OCT '01  DRAWING  FILENAME  B. MANSEN SIGNATURE ON ORIGINAL DATED 31/10/01  DRAWING  CHECKED  DRAWING  FILENAME  B. MANSING  FILENAME  FIL	ISSUE	AMENDMENT	DRAWN DATE	CHK'D DATE	APPR'D DATE	PRINCIPAL ASSET OFFICER ROADS AND DRAINAGE	ASSOCIATED PLANS	SUPERSEDES UMS-391			
B Drawing Title Amended    DATED 31/10/01	А	Drawing Converted from UMS Series April 2014	APR '14	APR '14	APR '14		DRAWING FILENAME	BSD-8081 (B) Hydraulic capture charts, kerb in line gully on grade, type 'D'12' E' K12', 4000mn lintel.dwg			
DATED 31/10/01	В	Drawing Title Amended	FEB '16	JUL '16	JUL '16		LHECKED	M.STEER	DATE	OLT 701	ı
DARLE SIGNATOR A 100 O RIGINAL  DATE DE 1/10/01 Fig. 10 O O RIGINAL	1					MAN INFRASTRUCTURE MANAGE - R.P.E.Q: <u>3 8 5 2</u>	511551155		5.75	0.57 104	ı
B.DALL SIGNATORE ON ORIGINAL						DATED 31/10/01	DRAWN	INFST MNGMT	DATE	OCT '01	ı
							DESIGN	INFST MNGMT	DATE	OCT '01	

BRISBANE CITY COUNCIL STANDARD DRAWING

HYDRAULIC CAPTURE CHARTS
KERB IN LINE GULLY ON GRADE
TYPE 'D'&'E' KERB AND CHANNEL
4800mm LINTEL

	SCALE	NOT	TO	SCALE				
ı	DWG No.							
		BSD-8081						
ı	ORIGINAL SI	ZE		REVISION				
		Δ3		R				