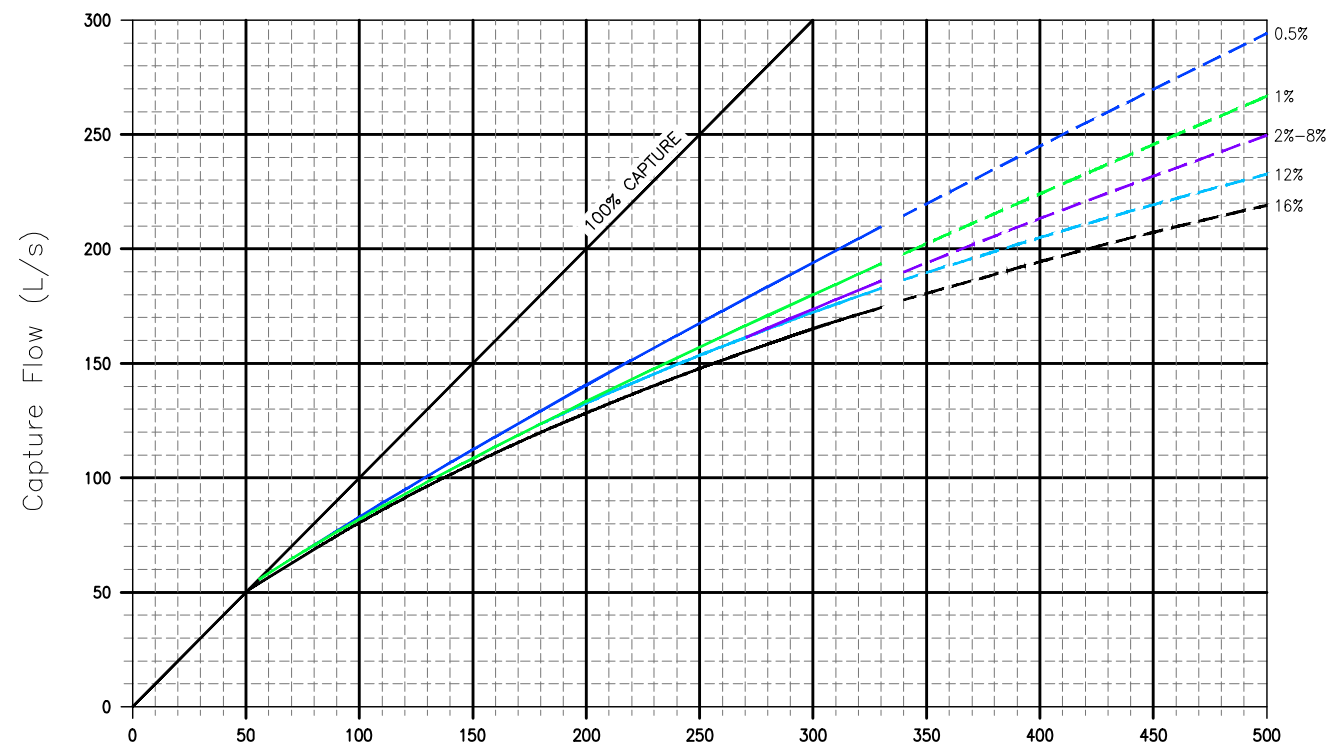


2.5% ROAD CROSSFALL



3.3% 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.

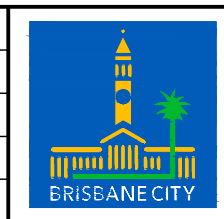
### LEGEND

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

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

B.BALL SIGNATURE ON ORIGINAL DATED 31/10/01  
 MAN INFRASTRUCTURE MANAGE - R.P.E.Q. 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-8080 (B) Hydraulic capture charts, kerb in line gully on grade, type 'D' & 'E' K&C, 360mm lintel.dwg		
ASSOCIATED PLANS	SUPERSEDES UMS-390		



BRISBANE CITY COUNCIL STANDARD DRAWING	
HYDRAULIC CAPTURE CHARTS KERB IN LINE GULLY ON GRADE TYPE 'D' & 'E' KERB AND CHANNEL 3600mm LINTEL	
SCALE	NOT TO SCALE
DWG No.	<b>BSD-8080</b>
ORIGINAL SIZE	A3
REVISION	B