



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 UMS 332 FOR GRATE DETAILS AND UMS 331 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 UMS 331, REVISION 'B' FOR DETAILS

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
C	Curves revised, Notes Modified & Notes 2,5&8 Added	DL 07/07	BH 08/07	BH 08/07
B	Drawing Re-issue	DL 01/03	CD 02/03	BH 02/03
A	ORIGINAL ISSUE	Oct '01	Oct '01	Oct '01

DESIGN AUTHORIZED FOR ISSUE B. BALL SIGNATURE ON ORIGINAL DATED 31/10/01				DESIGN	INFST MNGMT	DATE	Oct '01
MAN INFRASTRUCTURE MANAGE - R.P.E.Q. 3 8 5 2				DRAWN	INFST MNGMT	DATE	Oct '01
DESIGN APPROVED B. HANSEN SIGNATURE ON ORIGINAL DATED 31/10/01				CHECKED	M. STEER	DATE	Oct '01
PRINCIPAL ASSET OFFICER ROADS & DRAINAGE				DRAWING FILENAME	UMS 391		
				ASSOCIATED PLANS	UMS 331 (Rev 'B'), SUPERSEDES QUDM-BCC-C2		



BRISBANE CITY COUNCIL - URBAN MANAGEMENT DIVISION	
KERB IN LINE GULLY HYDRAULIC CAPTURE CHARTS TYPE 'D'/'E' KERB AND CHANNEL ON GRADE, 4800mm LINTEL	
SCALE NOT TO SCALE	DWG No. UMS 391
ORIGINAL SIZE A3	REVISION C