

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_0)
- BASED ON ACTUAL DATA
- EXTRAPOLATED DATA

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|-------|--|------------|------------|-------------|
| B | Drawing Title Amended | 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 |

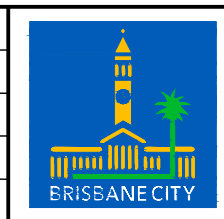
DRAWING AUTHORISED FOR PUBLICATION
 B.BALL SIGNATURE ON ORIGINAL
 DATED 31/10/01

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

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| DESIGN | INFST MNGMT | DATE | OCT '01 |
| DRAWN | INFST MNGMT | DATE | OCT '01 |
| CHECKED | M.STEER | DATE | OCT '01 |
| DRAWING FILENAME | BSD-8079(B) Hydraulic capture charts, kerb in line gully on grade, type 'D' & 'E' K&C, 240mm lintel.dwg | | |
| ASSOCIATED PLANS | SUPERSEDES UMS-389 | | |



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| BRISBANE CITY COUNCIL STANDARD DRAWING | |
| HYDRAULIC CAPTURE CHARTS | |
| KERB IN LINE GULLY ON GRADE | |
| TYPE 'D' & 'E' KERB AND CHANNEL | |
| 2400mm LINTEL | |
| SCALE | NOT TO SCALE |
| DWG No. | BSD-8079 |
| ORIGINAL SIZE | A3 |
| REVISION | B |