NOTES

1. CHARTS TO BE USED TO DETERMINE THE HYDRAULIC CAPTURE OF
   NON-SLOTTED TYPE ‘E’ KERBS AS Installed IN KERBS IN LINE
   CONFIGURATION. REFER BSD-8023 FOR GRATE DETAILS AND
   BSD-8032 FOR GULLY DETAILS.

2. FOR APPROVED PROFESSIONAL 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 CHANNEL WATER LEVEL 150mm
   BELOW CHANNEL INVERT LEVEL WHERE THE WATER SURFACE IS
   SIGNIFICANTLY BELOW THE (i.e. >400mm), CAPTURE MAY BE
   ADJUSTED FOR LONGITUDINAL SLOPES AS FOLLOWS:
   1% TO AND INCLUDING 15% = NIL
   1% TO AND INCLUDING 6% = INCREASE BY 5%
   6% TO AND INCLUDING 10% = 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 CLEARING. REFER BSD-8023, REVISION ‘E’ FOR
   DETAILS

LEGEND

XX%  KERBS AND CHANNEL
LONGITUDINAL SLOPE (S)

- BASED ON ACTUAL DATA
- EXTRAPOLATED DATA

BRISBANE CITY COUNCIL STANDARD DRAWING
HYDRAULIC CAPTURE CHARTS
KERB IN LINE GULLY ON GRADE
TYPE ‘D’ & ‘E’ KERB AND CHANNEL
2400mm Lintel

BSD-8079
A3