NOTES

1. CHARTS TO BE USED TO DETERMINE THE HYDRAULIC CAPTURE OF KERBS IN LINE GULLY INSTALLED IN KERBS IN LINE CONFIGURATION. REFER BSD-8003 FOR GRATE DETAILS AND BSD-8002 FOR GULLY DETAILS.

2. FOR APPROVED PROPRIETARY 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 (ie: >400mm); CAPTURE MAY BE ADJUSTED FOR LONGITUDINAL SLOPES AS FOLLOWS:
   0% TO AND INCLUDING 1% - NIL
   1% TO 2% 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 DRAINING. REFER BSD-8002, REVISION 'H' FOR DETAILS.

LEGEND

XX% LONGITUDINAL SLOPE (S_l)

- 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
4800mm LINTEL