NOTES

1. CHARTS TO BE USED TO DETERMINE THE HYDRAULIC CAPTURE OF BCC STANDARD TYPE 'D' KERB ONLY INSTALLED IN KERB IN LINE
   CONFIGURATION. REFER BCD-8003 FOR GRADE DETAILS AND
   BCD-8002 FOR GULLY DETAILS.

2. FOR APPROVED PROPRIETARY PRODUCTS, MANUFACTURER/SUPPLIER TO
   SUPPLY FULL MORRIS MILL 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 50{\text{mm}}
   BELOW CHANNEL INVERT LEVEL WHERE THE WATER SURFACE IS
   SIGNIFICANTLY BELOW THIS (i.e. >450{\text{mm}}). 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 10% = INCREASE BY 10%

5. TO USE CURVES, SELECT APPROPRIATE SLOPE ON CHART. DO NOT
   INTERPOLATE BETWEEN RANGES/CURVES.

6. 10% BLOCKAGE APPLIED TO GRADE.

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-ON-LINE GULLY WITH
   125{\text{mm}} THROAT CROWNING. REFER BCD-8002, REVISION 'B'
   FOR DETAILS.

LEGEND

XX{\text{%}} KERB AND CHANNEL
LONGITUDINAL SLOPE (S{\text{L}})

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BRISBANE CITY COUNCIL STANDARD DRAWING
HYDRAULIC CAPTURE CHARTS
KERB IN LINE GULLY ON GRADE
TYPE 'D'&'E' KERB AND CHANNEL
3600{\text{mm}} LINTEL

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