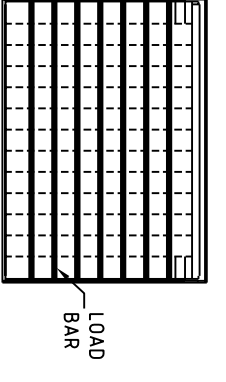
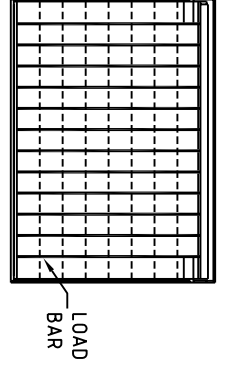


**GRATE DETAILS**



**NOTES**

1. THESE CHARTS ARE TO BE USED FOR STANDARD GCCC INLET GULLY DWG 05-03-001
2. A 10% BLOCKAGE FACTOR HAS BEEN APPLIED TO THIS CHART (REFER QUDM 5.10.2).
3. EXTRAPOLATION BEYOND THE LIMITS OF THE CHARTS SHOULD NOT BE UNDERTAKEN.
4. THE DATA IN THIS CHART WAS PRODUCED BY THE URBAN WATER RESOURCES CENTRE, UNIVERSITY OF SOUTH AUSTRALIA (REPORT JUL Y 2001).
5. TESTING WAS BASED ON CROSSFALLS OF 1 IN 30 AND 1 IN 40.
6. GULLY INLET FREEBOARD REQUIREMENTS:-

LONGITUDINAL GRADE	2400	3600	4800
≤ 3.0%	150mm	150mm	150mm
> 3.0%	150mm	350mm	350mm

**LEGEND**

- % KERB AND CHANNEL
- LONGITUDINAL SLOPE (S<sub>L</sub>)
- BASED ON ACTUAL DATA
- - - - - EXTRAPOLATED DATA

**STANDARD DRAWING**

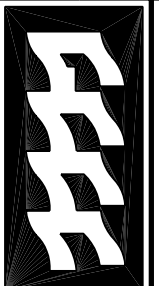
**HYDRAULIC CAPTURE CHARTS  
ROLL TOP KERB AND CHANNEL  
LIP IN LINE, 2400 LINTEL**

THIS DRAWING IS NOT TO BE AMENDED WITHOUT REFERENCE TO STANDARDS COMMITTEE

CONTROLLED DOCUMENT

DO NOT SCALE  
TAKE FIGURED DIMENSIONS ONLY  
DRAWN BY: TECHNICAL SERVICES BRANCH  
PASSED: 18/03/04  
APPROVED: 18/03/04

MICROFILMED



**Gold Coast City Council**  
GOLD COAST CITY COUNCIL  
PO BOX 5042  
GOLD COAST MC 9729

No.	AMENDMENT	APPROVED	DATE	ISSUED

No.	AMENDMENT	APPROVED	DATE	ISSUED

STANDARD DRAWING No.	ISSUE
<b>05-03-601</b>	2005 EDITION



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NO.	AMENDMENT	APPROVED	DATE	ISSUED

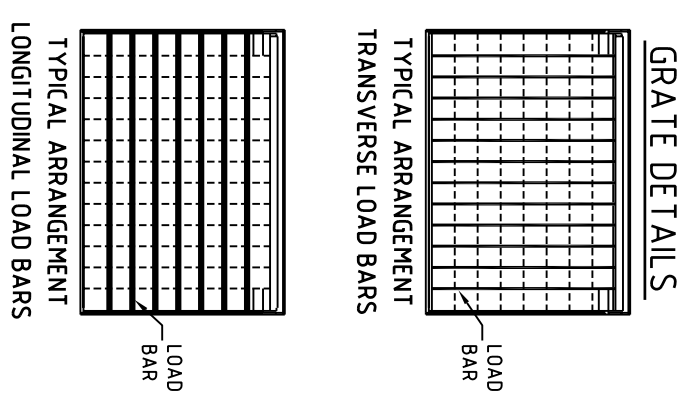
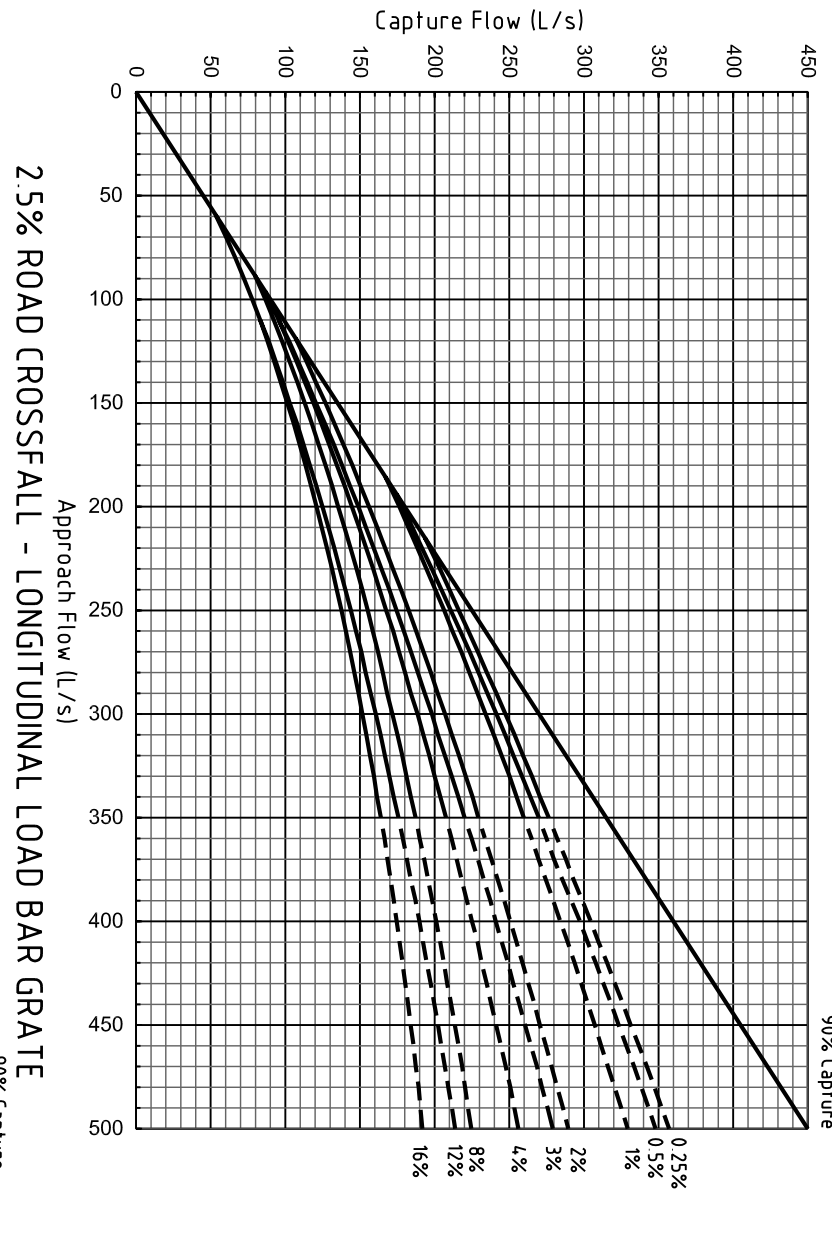
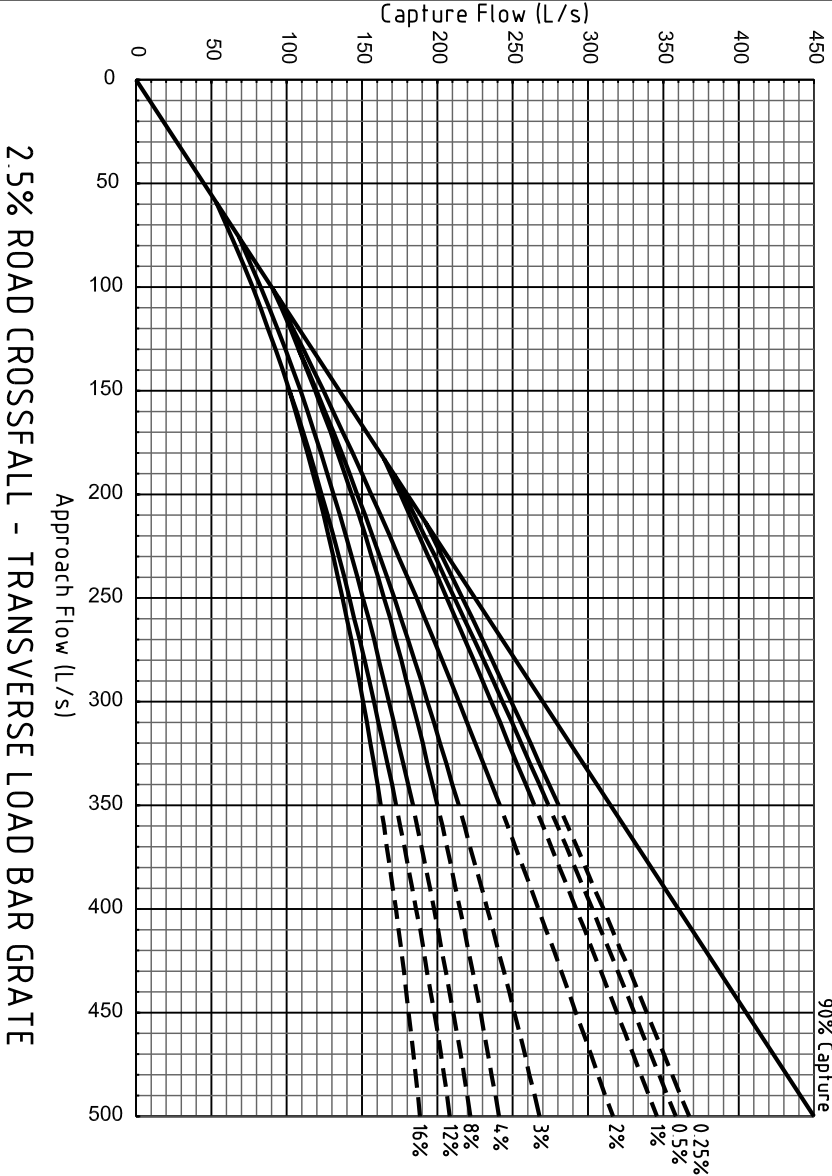
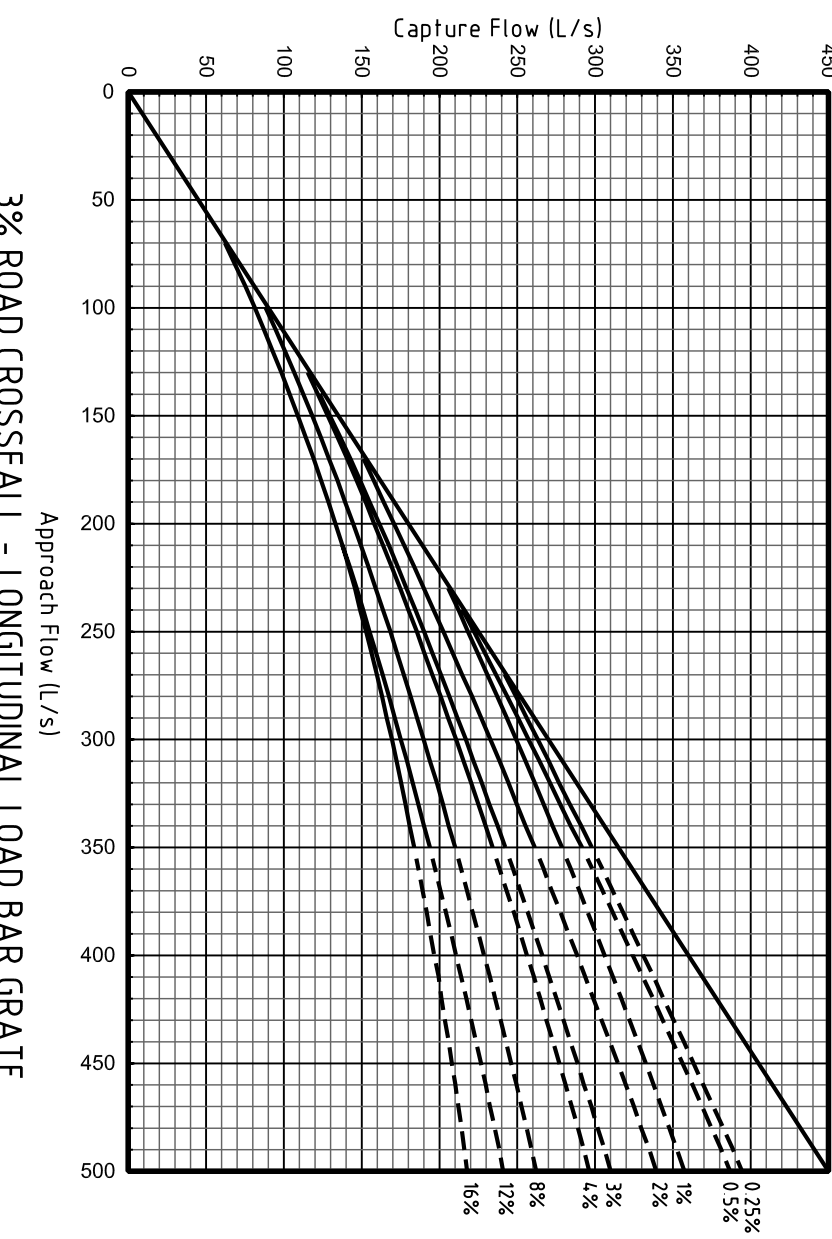
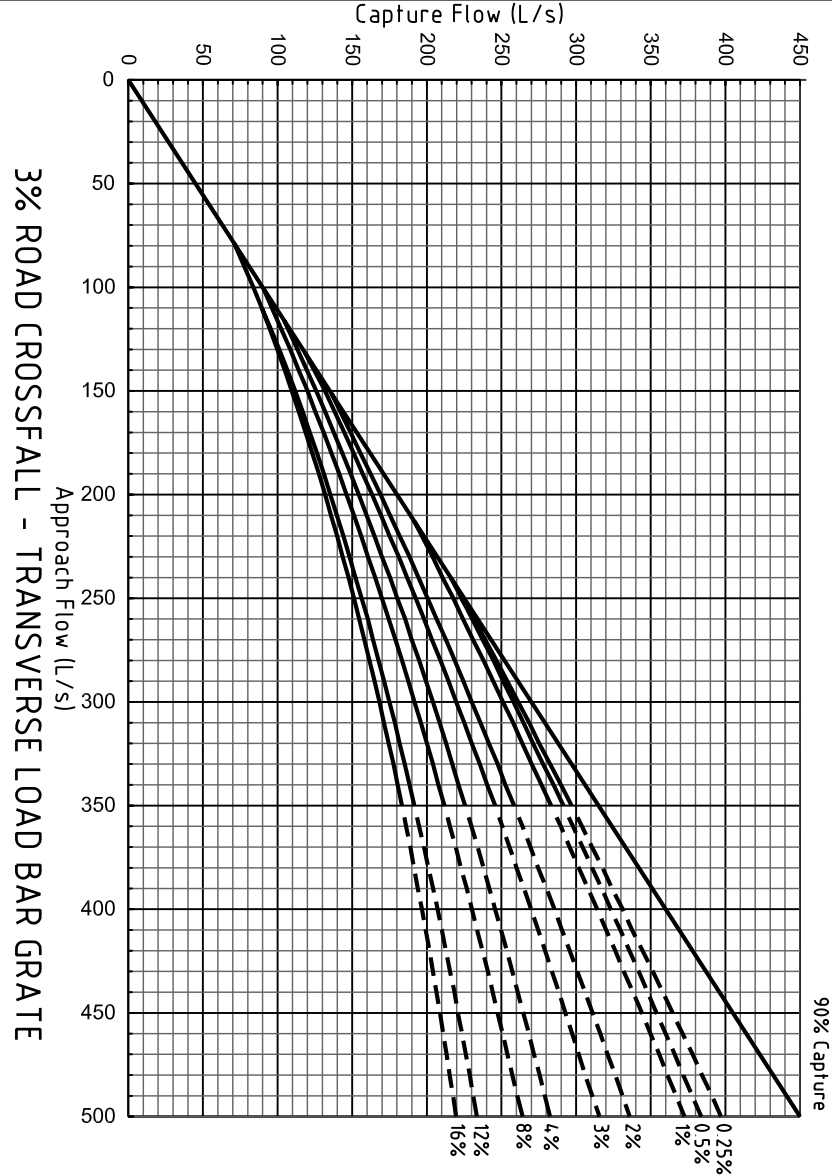
DO NOT SCALE TAKE FIGURED DIMENSIONS ONLY

DRAWN BY	TECHNICAL SERVICES BRANCH
PASSED	18/03/04
APPROVED	18/03/04

**STANDARD DRAWING**

**HYDRAULIC CAPTURE CHARTS**  
**ROLL TOP KERB AND CHANNEL**  
**LIP IN LINE, 4800 LINTEL**

MICROFILMED	STANDARD DRAWING No.	ISSUE
	<b>05-03-603</b>	2005 EDITION

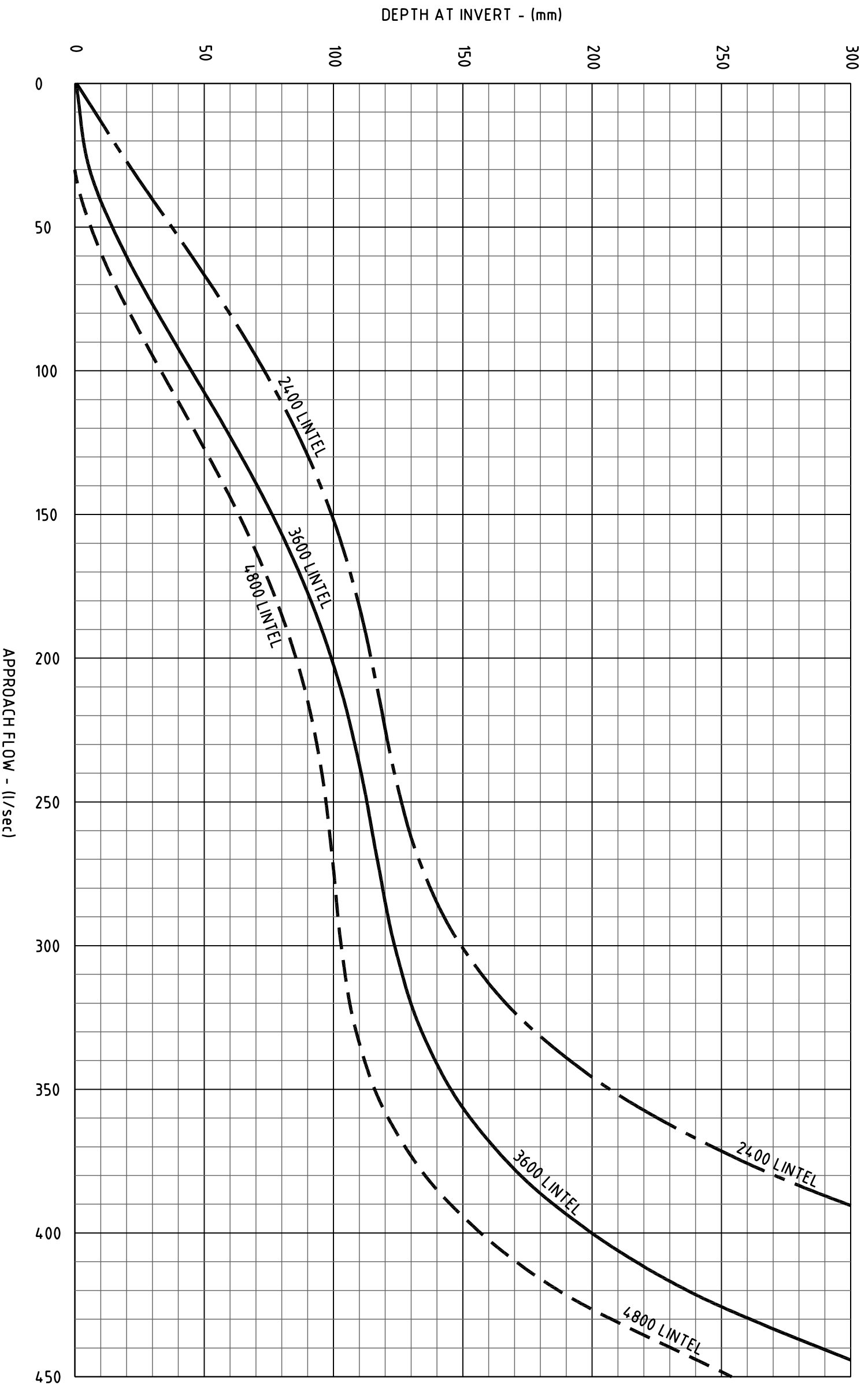


- NOTES**
1. THESE CHARTS ARE TO BE USED FOR STANDARD GCCC INLET GULLY DWG 05-03-001.
  2. A 10% BLOCKAGE FACTOR HAS BEEN APPLIED TO THIS CHART (REFER QUDM 5.10.2).
  3. EXTRAPOLATION BEYOND THE LIMITS OF THE CHARTS SHOULD NOT BE UNDERTAKEN.
  4. THE DATA IN THIS CHART WAS PRODUCED BY THE URBAN WATER RESOURCES CENTRE, UNIVERSITY OF SOUTH AUSTRALIA (REPORT JUL Y 2001).
  5. TESTING WAS BASED ON CROSSFALLS OF 1 IN 30 AND 1 IN 40.
  6. GULLY INLET FREEBOARD REQUIREMENTS:-

**LEGEND**

LONGITUDINAL GRADE	LINTEL
≤ 3.0%	2400 3600 4800
> 3.0%	150mm 150mm 350mm 350mm

— % KERB AND CHANNEL  
 — LONGITUDINAL SLOPE (S<sub>l</sub>)  
 — BASED ON ACTUAL DATA  
 - - - - - EXTRAPOLATED DATA



**NOTES**

1. THESE CHARTS ARE TO BE USED FOR STANDARD GCCC INLET GULLY DWG 05-03-001.
2. NO BLOCKAGE FACTOR HAS BEEN APPLIED TO THIS CHART. CAPTURE RESULTS IGNORE GRATE CAPTURE (REFER QUDM 5.10.2).
3. EXTRAPOLATION BEYOND THE LIMITS OF THE CHARTS SHOULD NOT BE UNDERTAKEN.
4. THE DATA IN THIS CHART WAS PRODUCED BY THE URBAN WATER RESOURCES CENTRE, UNIVERSITY OF SOUTH AUSTRALIA (REPORT JULY 2001).
5. THE RESULTS WERE OBTAINED USING A CHAMBER WATER LEVEL 150mm BELOW CHANNEL INVERT.



THIS DRAWING IS NOT TO BE AMENDED WITHOUT REFERENCE TO STANDARDS COMMITTEE

CONTROLLED DOCUMENT

DO NOT SCALE TAKE FIGURED DIMENSIONS ONLY  
 DRAWN BY TECHNICAL SERVICES BRANCH  
 PASSED  
 APPROVED

**STANDARD DRAWING**

MICROFILMED

No.	AMENDMENT	APPROVED	DATE	ISSUED

**HYDRAULIC CAPTURE CHARTS  
 ROLL TOP KERB AND CHANNEL  
 SAG, ALL LINTELS**

STANDARD DRAWING No. **05-03-604**  
 ISSUE 2005 EDITION