



NOTES:

THESE DETAILS REPRESENT A MINIMUM REQUIREMENT AND MAY BE VARIED, SUBJECT TO APPROVAL, TO SUIT PROJECT REQUIREMENTS. THEY ARE EXPECTED TO BE INCORPORATED AS TYPICAL DETAILS WHICH SHALL BE CHECKED AND APPROVED AS PART OF THE PROJECT DRAWING SET.

- ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.
- ALL INTERNAL AND EXTERNAL CONCRETE CORNER TO BE ROUNDED OR CHAMFERED.
- ALL CONCRETE TO BE CLASS B UNLESS OTHERWISE STATED.
- ALL EXTERNAL FACES OF CONCRETE BELOW GROUND TO BE TANKED.
- ALL INTERNAL FACES OF CONCRETE TO BE COATED WITH EPOXY COATING AS SPECIFIED.
- INLETS TO BE PROVIDED WITH SAND TRAP 500mm DEEP SUMP.
- THE MANHOLES AND CHAMBERS ARE DESIGNED USING FULL GROUND WATER LEVEL CONDITION WITH 1.1 FACTOR OF SAFETY FOR FLOATION AND BEARING PRESSURE NOT EXCEEDING 200kpa AT FORMATION LEVEL.
- DEWATERING OPERATIONS SHALL BE PROVIDED DURING CONSTRUCTION AND MAY ONLY BE TERMINATED AFTER FULL HEIGHT WALL CONSTRUCTION.
- THESE KERB DETAILS ONLY APPLY TO THE EXISTING KERBS. FOR NEW KERBS OF 5 CM HEIGHT, FLUSH INLETS TO BE USED.

LEGEND

- REINFORCED CONCRETE
- BLOCKWORK
- SOIL COMPACTED TO 95% MDD
- PLAIN CONCRETE
- FRL FINAL ROAD LEVEL
- EJ EXPANSION JOINT

REFERENCE DRAWINGS AND DOCUMENTS

STANDARD DRAWING - TANKING DETAILS	- 801
STANDARD DRAWING - CONSTRUCTION AND MOVEMENT JOINT	- 1001
STANDARD DRAWING - MISCELLANEOUS DETAILS FOR MANHOLES	- 207
STANDARD DRAWING - REINFORCEMENT DETAILS	- 1000 (SERIES)
STANDARD DRAWING - STORM WATER MANHOLE FRAME AND COVER DETAILS	- 213

No.	REVISIONS	APP'D	DATE
CLIENT			

TITLE

STANDARD DRAWINGS

STORM WATER WORKS

DRAWING TITLE

STANDARD DRAWING STORM WATER CATCH BASIN DETAILS ON PIPE LINES 300 - 500mm DIA. (DEPTH VARYING BETWEEN 2.0m AND 2.8m)

DRAWN	-	SCALE	AS SHOWN
CHECKED	-	DATE	-
APPROVED	-	SIZE	A1
PROJECT No.	-	DWG. No.	212