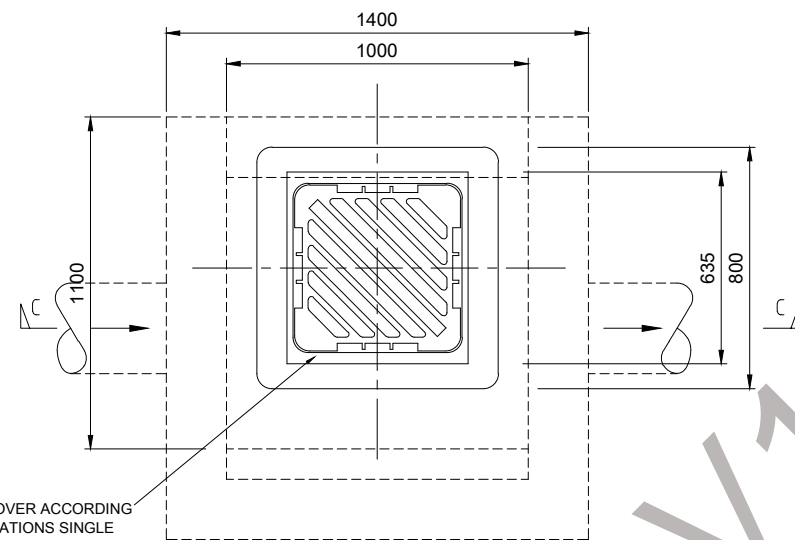
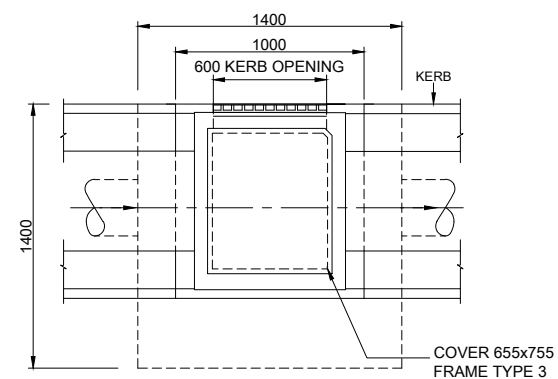


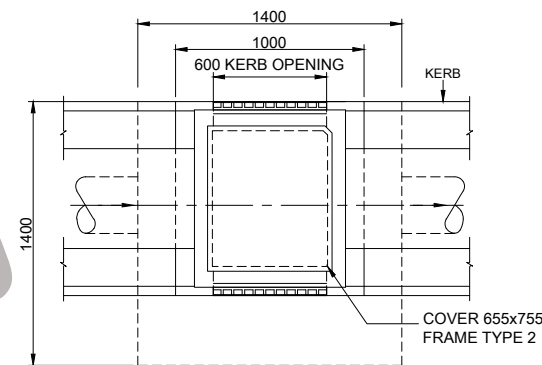
PLAN ON INLET TYPE-1
ONE KERB OPENING PIPES IN LINE



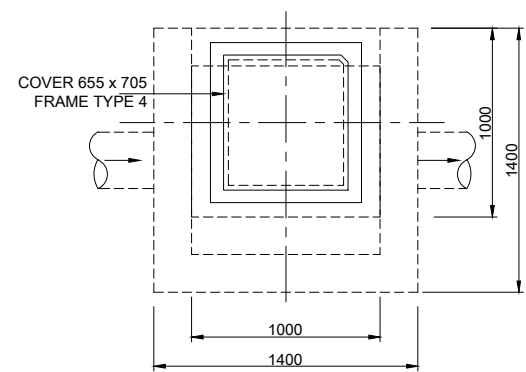
PLAN ON TOP ENTRY INLET GRATE



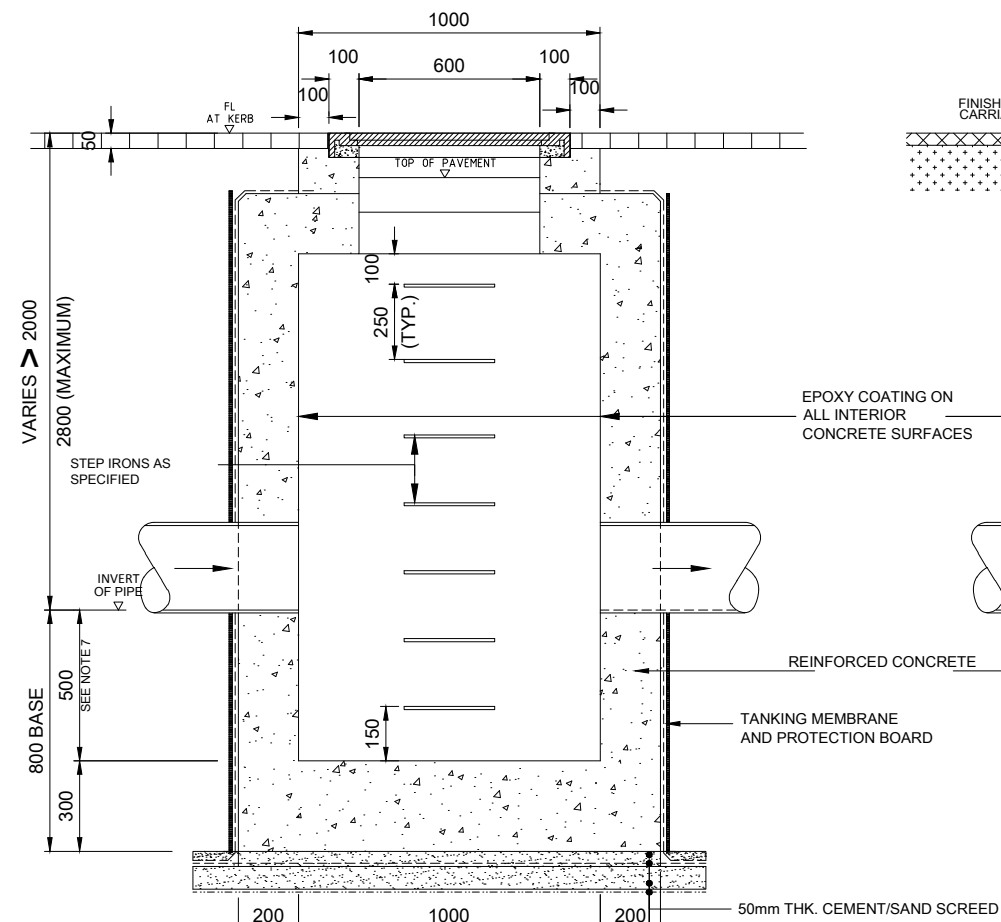
PLAN ON INLET TYPE-2
KERBS ON TWO SIDES - ONE KERB OPENING
(SCALE 1:40)



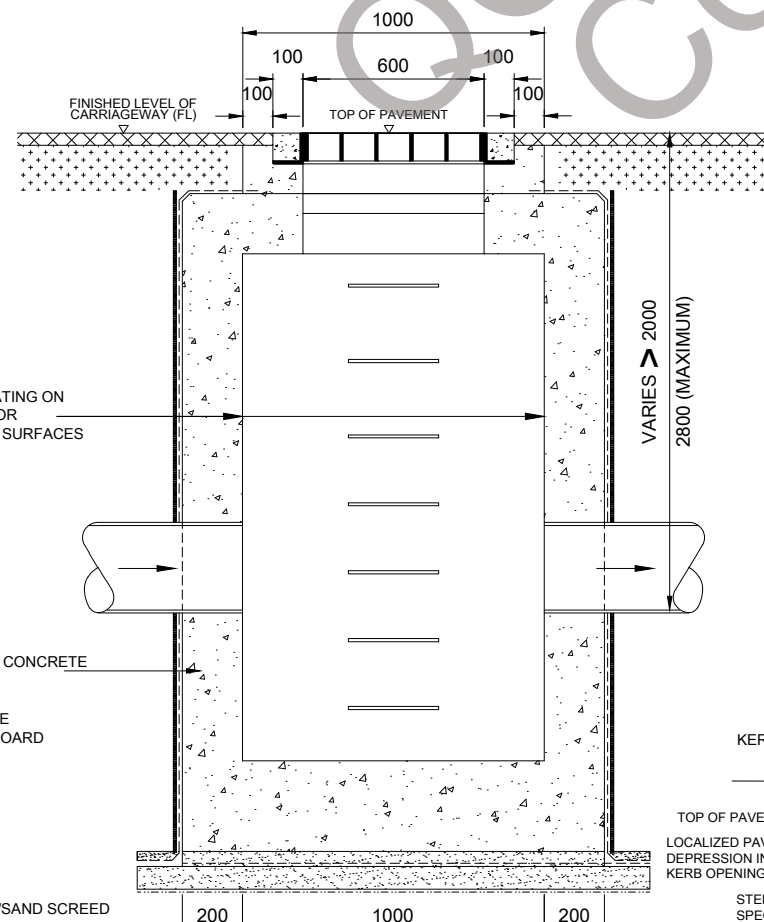
PLAN ON INLET TYPE-3
TWO KERB OPENING PIPE IN LINE
(SCALE 1:40)



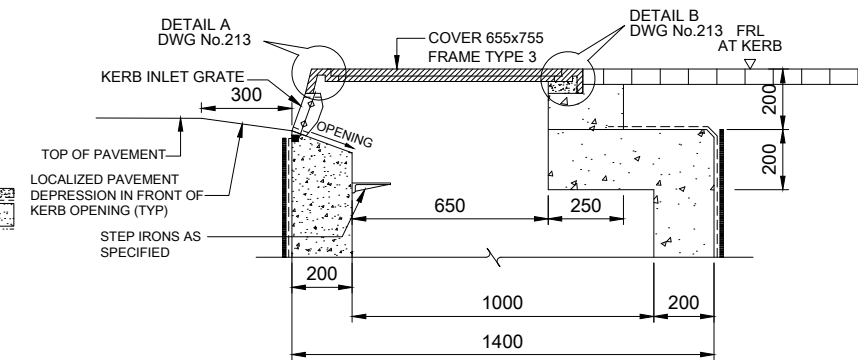
PLAN ON INLET TYPE-4
CLOSED INLET WITH NO KERB OPENING NOR TOP ENTRY INLET
(SCALE 1:40)



SECTION A-A
SIDE ENTRY INLET



SECTION C-C
TOP ENTRY INLET



SECTION B-B
ON SIDE ENTRY INLET
(SCALE 1:20)

MAXIMUM DEPTH OF INLETS WITH 1000x1000
INTERNAL DIMENSIONS SHOULD NOT EXCEED 2800.
DEPTH IS MEASURED FROM TOP OF COVER SLAB TO
THE INVERT LEVEL OF DOWNSTREAM PIPE.

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.
- UNLESS OTHERWISE STATED ALL INLET AND OUTLET PIPES OF INLETS SHALL BE LAID SOFFIT TO SOFFIT.
- 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 FLOATATION AND BEARING PRESSURE NOT EXCEEDING 200kpa AT FORMATION LEVEL.
- DEWATERING OPERATIONS SHALL BE PROVIDED DURING CONSTRUCTION AND MAY ONLY BE TERMINATED AFTER ROOF SLAB HAS BEEN INSTALLED.
- THESE KERB DETAILS ONLY APPLY TO THE EXISTING KERBS, FOR NEW KERBS OF 5 CM HEIGHT, FLUSH INLETS TO BE USED.

LEGEND

	REINFORCED CONCRETE
	SOIL COMPACTED TO 95% MDD
	PLAIN CONCRETE
	FINAL GROUND LEVEL
	FINAL ASPHALT / INTERLOCKED TILE LEVEL
	DIAMETER

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
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CLIENT

TITLE

STANDARD DRAWINGS STORM WATER WORKS

DRAWING TITLE
STANDARD DRAWING STORM WATER
INLET 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.	210