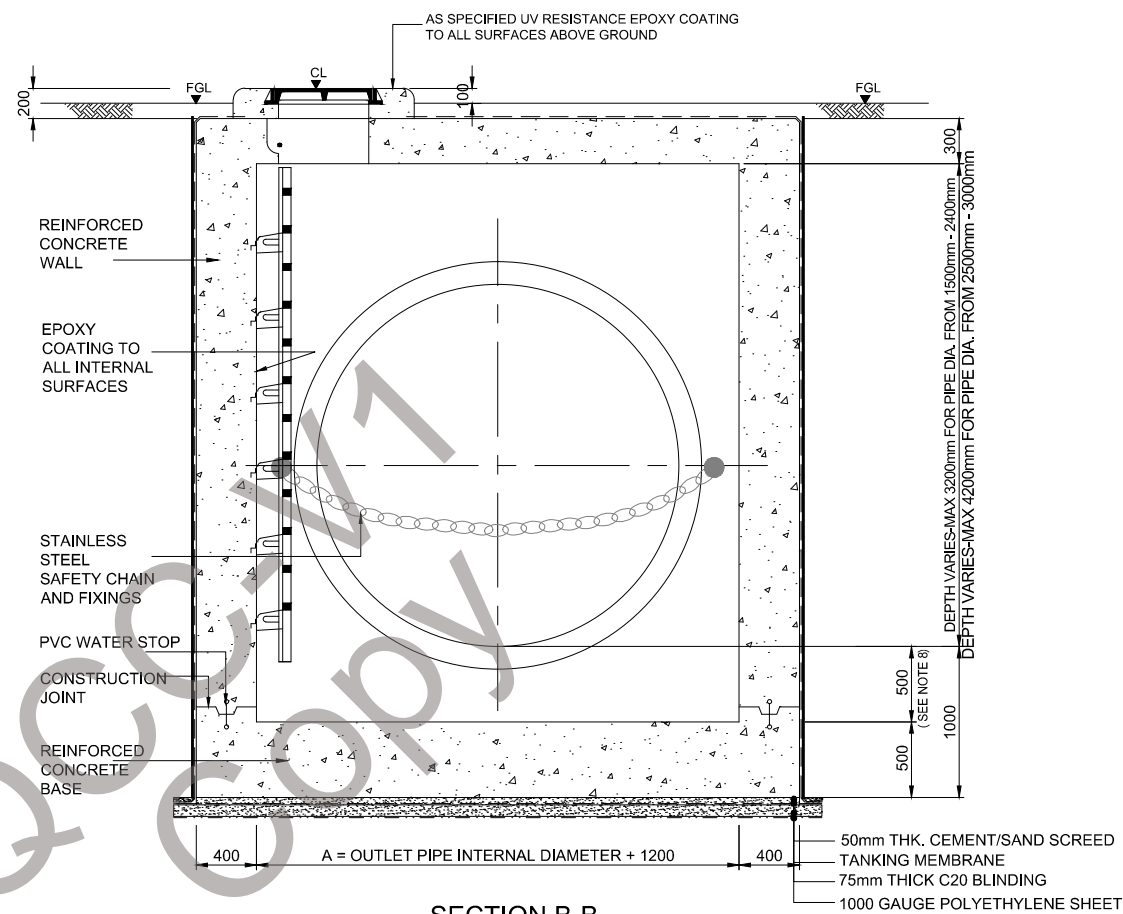


SECTION A-A

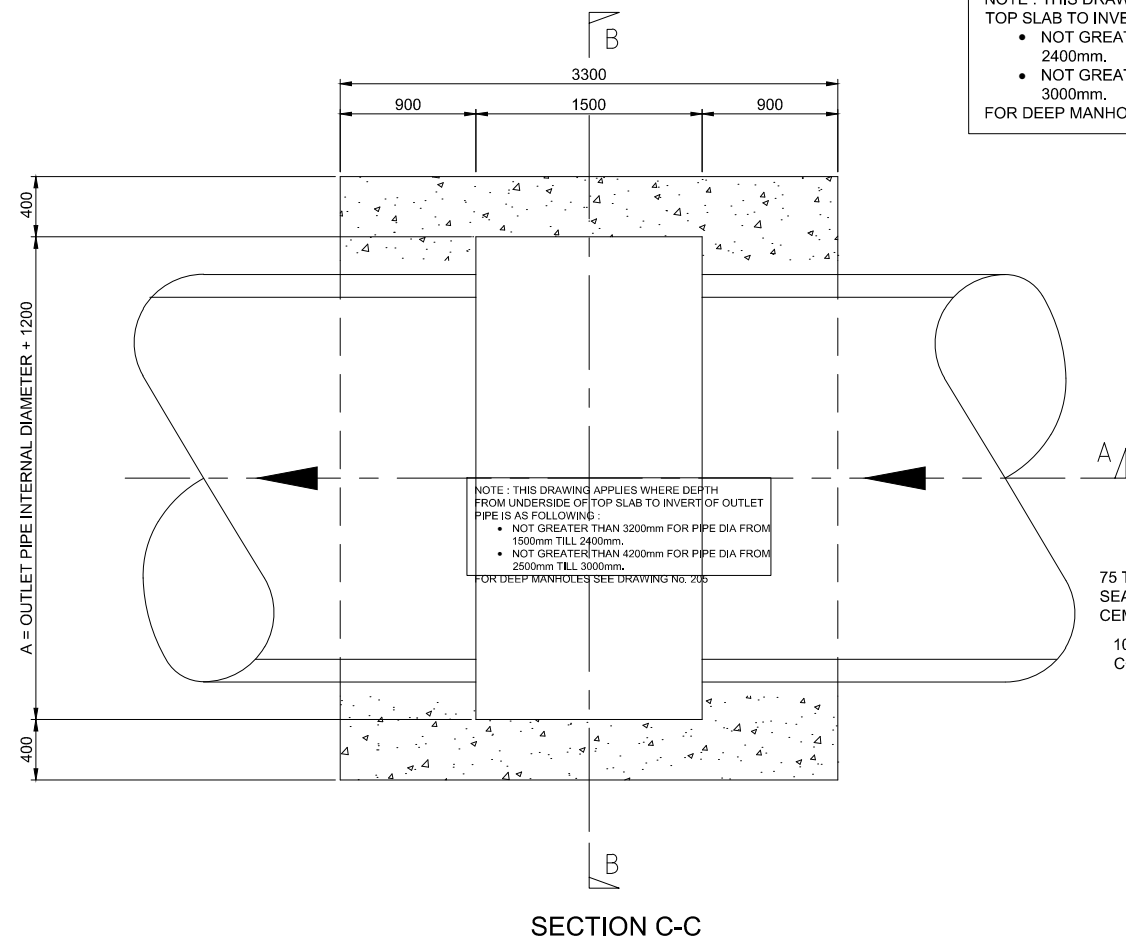


SECTION B-B

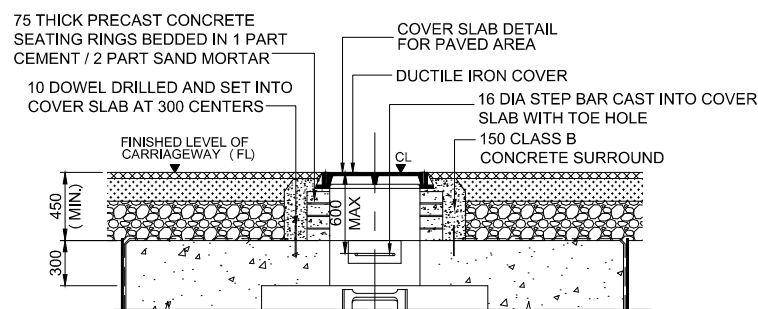
NOTE : THIS DRAWING APPLIES WHERE DEPTH FROM UNDERSIDE OF TOP SLAB TO INVERT OF OUTLET PIPE IS AS FOLLOWING :

- NOT GREATER THAN 3200mm FOR PIPE DIA FROM 1500mm TILL 2400mm.
- NOT GREATER THAN 4200mm FOR PIPE DIA FROM 2500mm TILL 3000mm.

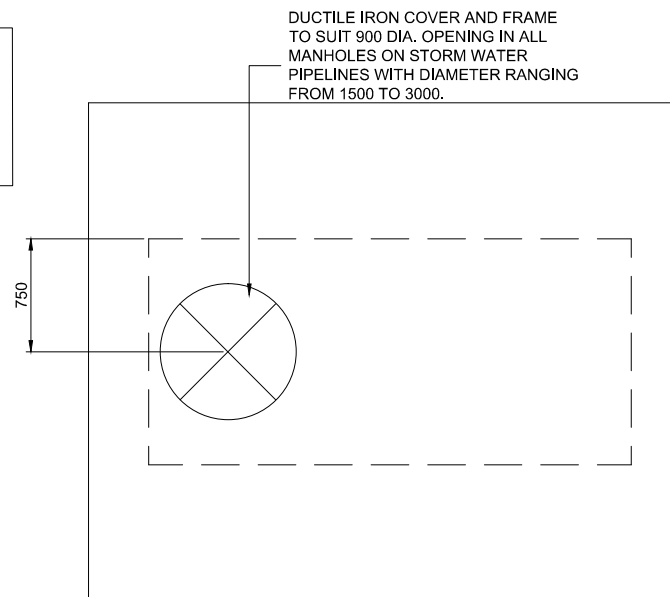
FOR DEEP MANHOLES SEE DRAWING No. 205



SECTION C-C



COVER SLAB DETAIL FOR CARRIAGEWAY & PARKING AREAS



PLAN AT COVER LEVEL

## 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.

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE
2. ALL CONCRETE TO BE CLASS B UNLESS OTHERWISE STATED.
3. ALL EXTERNAL FACES OF CONCRETE BELOW GROUND TO BE
4. ALL INTERNAL FACES OF CONCRETE TO BE COATED WITH EPOXY COATING AS SPECIFIED.
5. UNLESS OTHERWISE STATED ALL INLET AND OUTLET PIPES OF MANHOLES SHALL BE LAID SOFFIT TO SOFFIT.
6. ALL COVERS IN OPEN AREA TO BE PROVIDED WITH 1No. GRAB
7. MANHOLES SHALL BE PROVIDED WITH REINFORCED CONCRETE RINGS (2Nos. AS MINIMUM) . THE LOWER RING SHALL BE 250mm HEIGHT AND THE UPPER RING TO VARY ACCORDING TO FINAL GROUND LEVEL.
8. MANHOLES TO BE PROVIDED WITH SAND TRAP 500mm DEEP
9. 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.
10. DEWATERING OPERATIONS SHALL BE PROVIDED DURING CONSTRUCTION AND MAY ONLY BE TERMINATED AFTER ROOF SLAB HAS BEEN INSTALLED.
11. ALL STRUCTURAL DETAILS TO BE VERIFIED BY DESIGNERS / CONSULTANTS.

## LEGEND

	REINFORCED CONCRETE
	SOIL COMPACTED TO 95% MDD
	PLAIN CONCRETE
FGL	FINAL GROUND LEVEL
FL	FINAL ASPHALT / INTERLOCKED TILE LEVEL
DIA	DIAMETER
CL	COVER LEVEL
IL	INVERT LEVEL OF OUTLET PIPE
GA	GENERAL ARRANGEMENT

## 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 G.A. OF SHALLOW STORM WATER MANHOLE ON PIPELINES 1500 - 3000mm DIA.

DRAWN	-	SCALE	1 : 50
CHECKED	-	DATE	-
APPROVED	-	SIZE	A1
PROJECT No.	-	DWG. No.	204