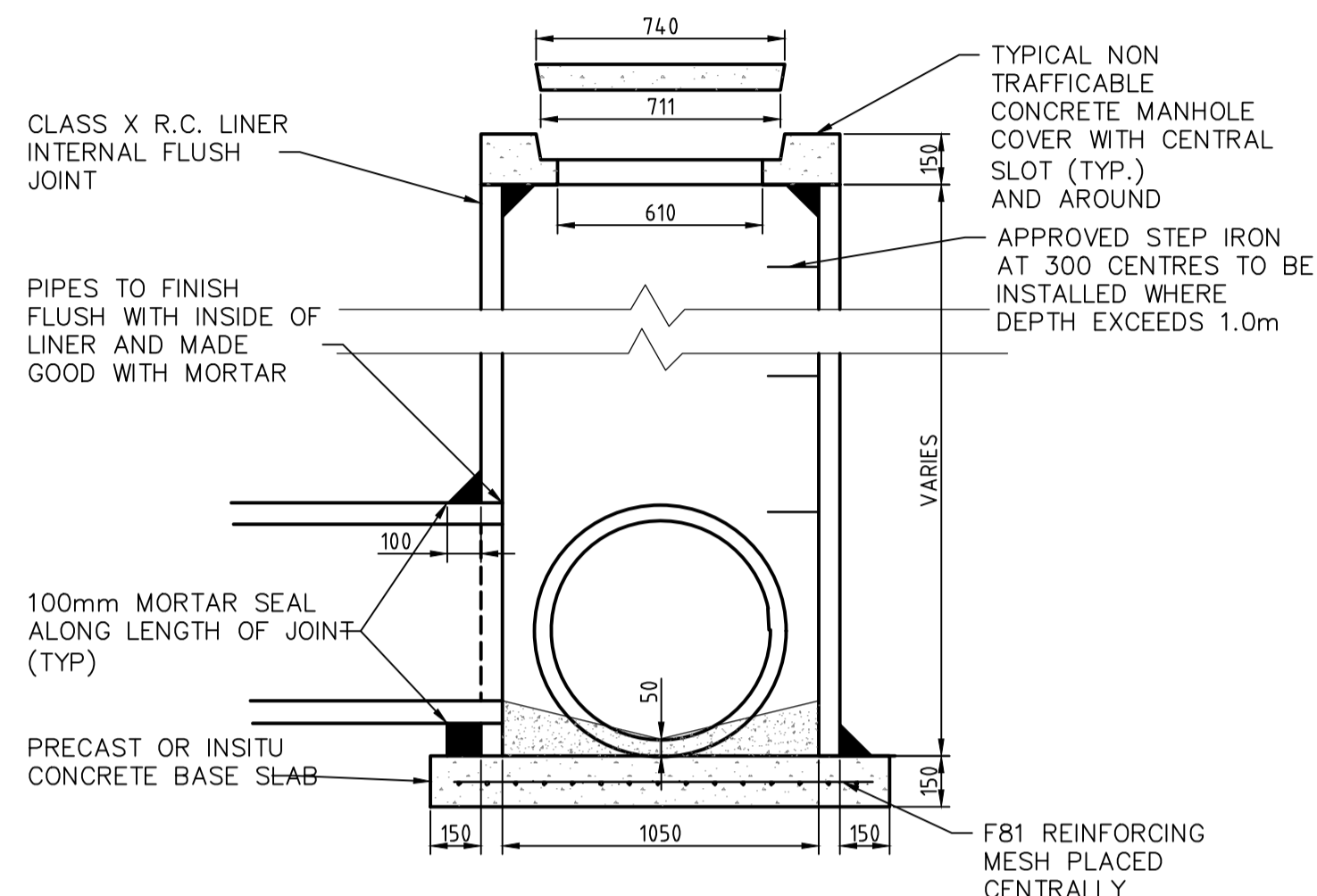
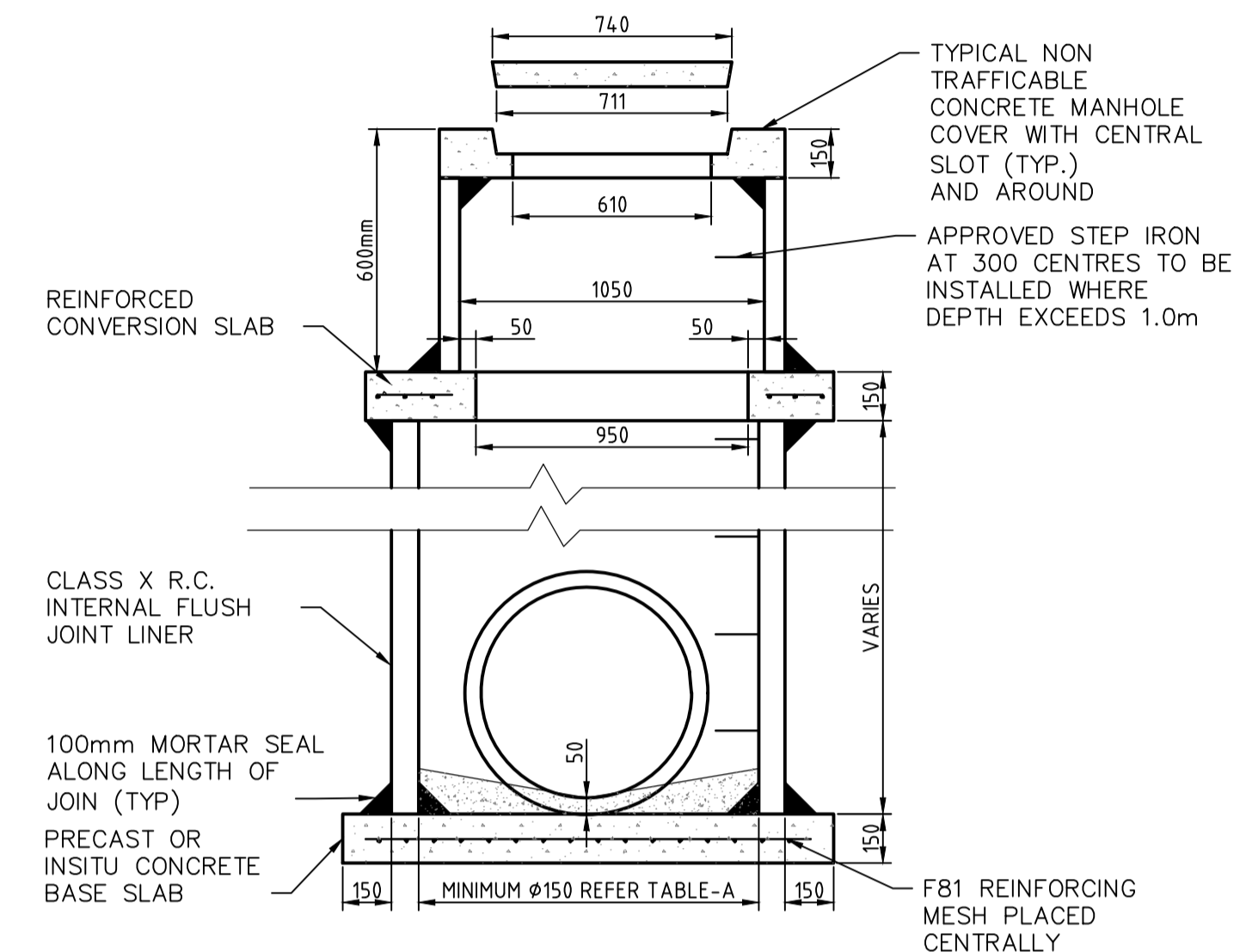


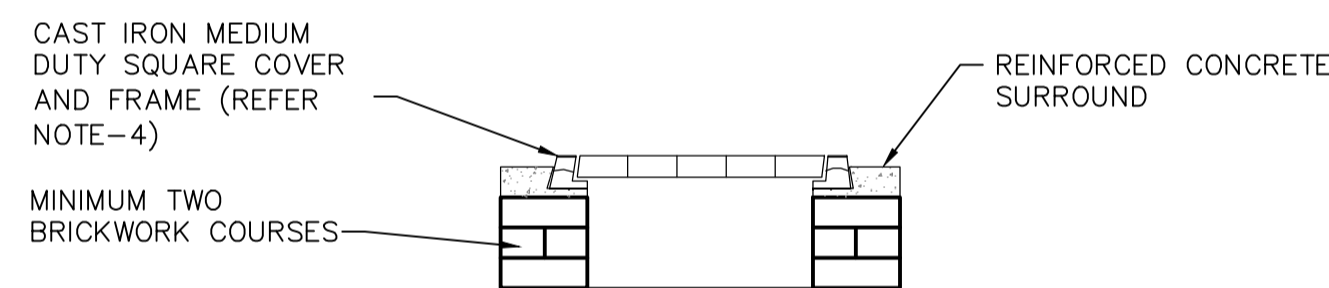
STANDARD BRICK MANHOLE
N.T.S



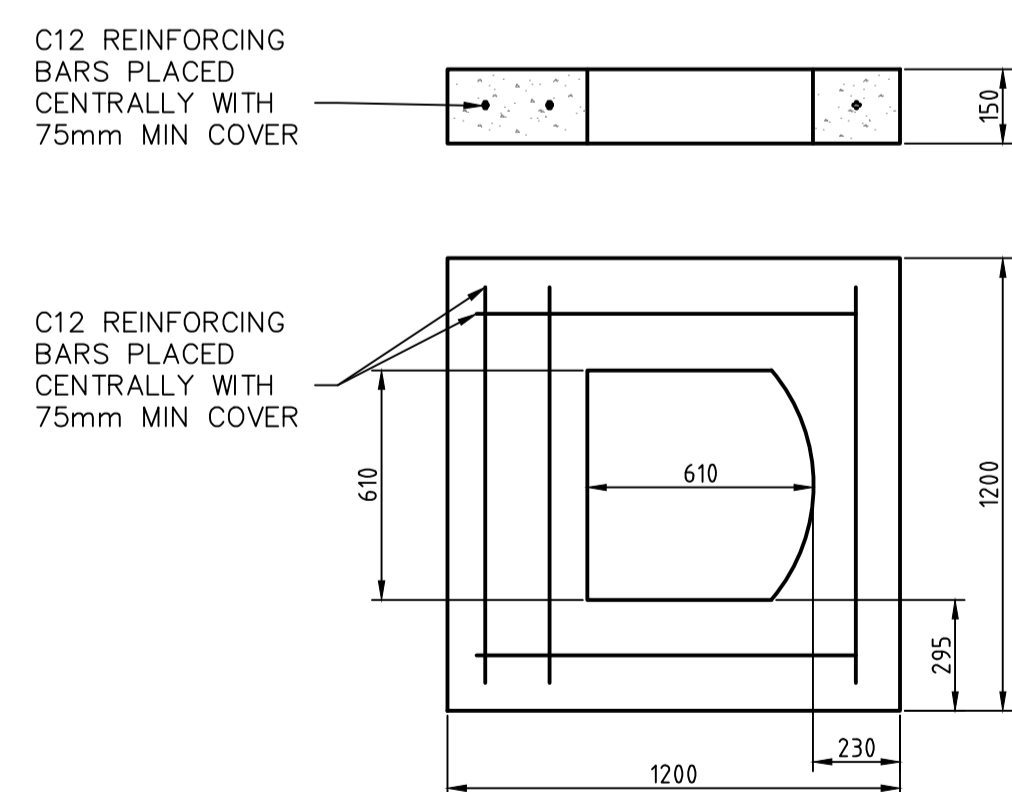
STANDARD LINER MANHOLE
(225 ϕ - 600 ϕ THROUGH PIPES)



STANDARD LINER MANHOLE
(GREATER THAN 600 ϕ THROUGH PIPES)



TYPICAL TRAFFICABLE MANHOLE COVER & SURROUND
N.T.S



CONVERSION SLAB FOR SQUARE GATIC FROM LINER MANHOLE
N.T.S

LINER SIZE (mm)	PIPE SIZE MAX. (mm)	MAXIMUM LATERAL PIPE SIZE	
		THROUGH PIPE	LATERAL PIPE
1050	600	525	525
		600	450
1200	750	600	600
		675	525
		750	450
1500	900	750	750
		900	675
1800	1200	1050	900
		1200	750

NOTE:
THE ABOVE CHART IS APPLICABLE WHERE PIPES INTERSECT AT CENTRE TO CENTRE AND AT 90° OTHER ANGLES OF INTERSECTION MUST BE DISCUSSED WITH THE ENGINEER

NOTES :

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
- ALL CONCRETE TO BE IN ACCORDANCE WITH AS3600-1994, 20MPa AT 28 DAYS
- WHERE MANHOLES ARE CONSTRUCTED IN ROAD PAVEMENT, A CONVERSION SLAB SHALL BE USED TO BRING THE OPENING BACK TO A 610x610 OPENING WITH A MINIMUM OF TWO COURSES OF BRICK WORK UNDER COVER AND SURROUND
- WHERE MANHOLES ARE CONSTRUCTED IN ROAD PAVEMENT A TRAFFICABLE LID SHALL BE FITTED. TRAFFICABLE LID TO CONFIRM TO AS3996.
- MORTAR SHALL BE 4 SAND : 1 CEMENT.
- IN WET CONDITIONS MANHOLE SHALL BE CONSTRUCTED IN BRICK TO TOP OF OUTLET PIPE
- ALL MANHOLES TO BE SEALED TO PREVENT WATER INFILTRATION.
- ALL PRECAST CONCRETE COMPONENTS TO BE APPROVED MANUFACTURER.

Engineering Standard Details DWG STD-D12 - STANDARD MANHOLE DETAILS.dwg

Amendments	No	Date	Issued For Review	Revision	By	Approved
A	30/11/23		ISSUED FOR REVIEW		BV	NS

Scale	AS SHOWN
Datum	N/A



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Drawn	BC	Date	30/11/23	Signet	
Designed	BV	Date	30/11/23	Signet	
Checked	VB	Date	30/11/23	Signet	

Project		SHIRE OF SERPENTINE JARRAHDALE STANDARD DRAWINGS	
Title		DRAINAGE - STANDARD MANHOLE DETAILS	
Sheet No.	1 OF 1	Revision No.	A
DWG No.	STD-D12		