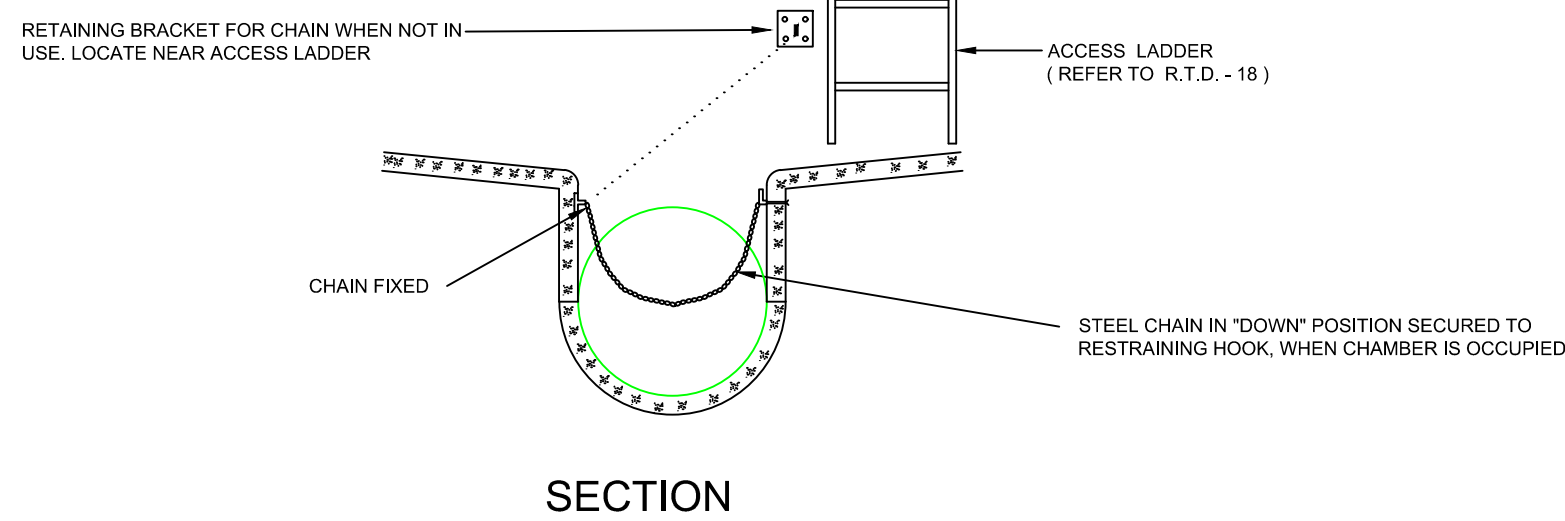


DETAIL OF SAFETY BAR DETAIL OF BACK-DROP TO MANHOLE



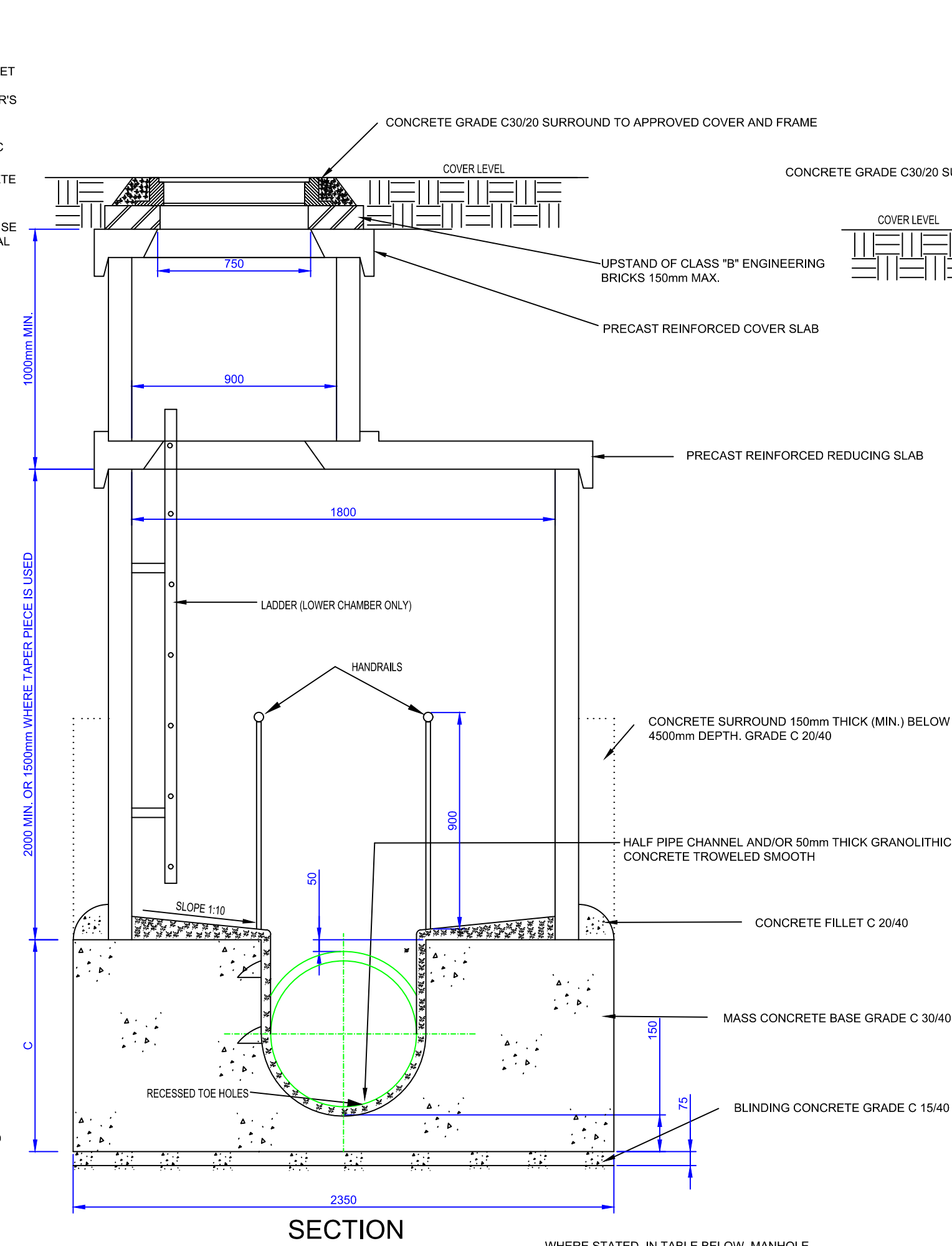
DETAIL OF SAFETY CHAIN

TABLE OF DIMENSIONS

MANHOLE TYPE NUMBER	EXIT PIPE DIAMETER	MAXIMUM DEPTH TO INVERT mm	MANHOLE CHANNEL CONFIGURATION	MANHOLE CHAMBER DIAMETER - A mm	MANHOLE BASE DIA - B mm	HEIGHT OF MH. BASE - C mm	NOTES
TYPE 1	A UP TO 350 DIA.	3650	ALL ARRANGEMENTS	1200 DIA.	1700 DIA.	EXIT PIPE DIA + 275	SEE DETAIL NOTES : 1-4
	B 375-800 DIA.	4100	1)STRAIGHT THROUGH 2)CURVED CHANNEL<45°	1500 DIA.	2000 DIA.	EXIT PIPE DIA + 325	DITTO : 1-7
	C 375-600 DIA.	3900	3)CURVED CHANNEL>45° 4)JUNCTION	1500 DIA.	2000 DIA.	EXIT PIPE DIA + 300	DITTO : 1-7
	D 675-1100 DIA.	4300	1)STRAIGHT THROUGH 2)CURVED CHANNEL<45°	1800 DIA.	2350 DIA.	EXIT PIPE DIA + 350	DITTO : 1-7
	E 675-900 DIA.	4200	3)CURVED CHANNEL>45° 4)JUNCTION	1800 DIA.	2350 DIA.	EXIT PIPE DIA + 350	DITTO : 1-7
TYPE 2	A UP TO 350 DIA.	3650 - 6350	ALL ARRANGEMENTS	1800 DIA.	2350 DIA.	EXIT PIPE DIA + 275	SEE DETAIL NOTES : 1-4 & 8
	B 375-800 DIA.	4100 - 6500	1)STRAIGHT THROUGH 2)CURVED CHANNEL<45°	1800 DIA.	2350 DIA.	EXIT PIPE DIA + 325	DITTO : 1-8
	C 375-600 DIA.	3900 - 6500	3)CURVED CHANNEL>45° 4)JUNCTION	1800 DIA.	2350 DIA.	EXIT PIPE DIA + 300	DITTO : 1-8
	D 675-1100 DIA.	4300 - 6850	1)STRAIGHT THROUGH 2)CURVED CHANNEL<45°	1800 DIA.	2350 DIA.	EXIT PIPE DIA + 350	DITTO : 1-8
	E 675-900 DIA.	4200 - 6750	3)CURVED CHANNEL>45° 4)JUNCTION	1800 DIA.	2350 DIA.	EXIT PIPE DIA + 350	DITTO : 1-8

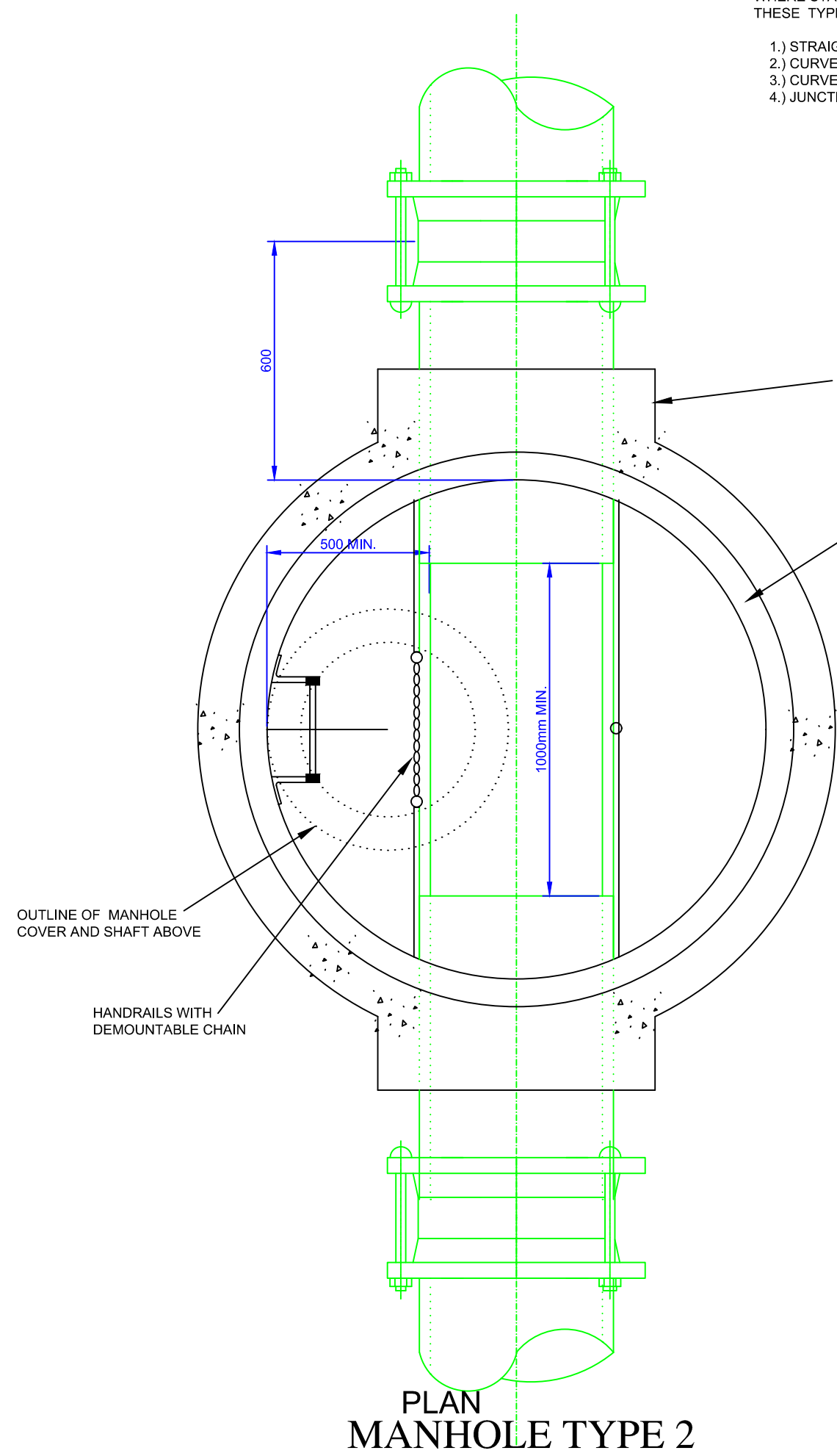
DETAIL NOTES

- 1.) FOR BEDDING AND SEALING OF CHAMBER RINGS - THE TOP RING (TO P.C. COVER SLAB) AND BOTTOM RING TO BE BEDDED WITH CEMENT MORTAR. FOR INTERMEDIATE RINGS, JOINTS TO BE SEALED WITH EITHER APPROVED PREFORMED JOINTING STRIP OR BY LIBERALLY COATING THE FACES OF THE JOINTS WITH APPROVED BITUMINOUS MATERIAL PRIOR TO BEING POSITIONED; SURPLUS MATERIAL TO BE NEATLY STRUCK OFF.
- 2.) ENTRY AND EXIT PIPES TO BE BUILT IN MONOLITHICALLY WITH THE MANHOLE AND THE MANHOLE MADE WATER TIGHT.
- 3.) BRANCH BENDS TO BE CURVED IN THE DIRECTION OF FLOW.
- 3.) THE DESIGN OF ALL DEEP MANHOLES (>3M DEEP) IS SUBJECT TO APPROVAL.
- 5.) PROVIDE RECESSED TOE HOLES IN CHANNELS OVER 450mm IN DEPTH. (SEE TYPE 2 MANHOLE)
- 6.) FOR 600mm DIA. EXIT PIPES AND OVER, A SAFETY BAR OR CHAIN IS TO BE PROVIDED. (BOTH AS DETAILED)
- 7.) FOR 600mm DIA. EXIT PIPES AND OVER, PROVIDE 25mm GALVANISED SOLID BAR HANDRAILS WITH CHAIN - ONE END DEMOUNTABLE - AT EDGES OF BENCHING. (SEE TYPE2 MANHOLE)

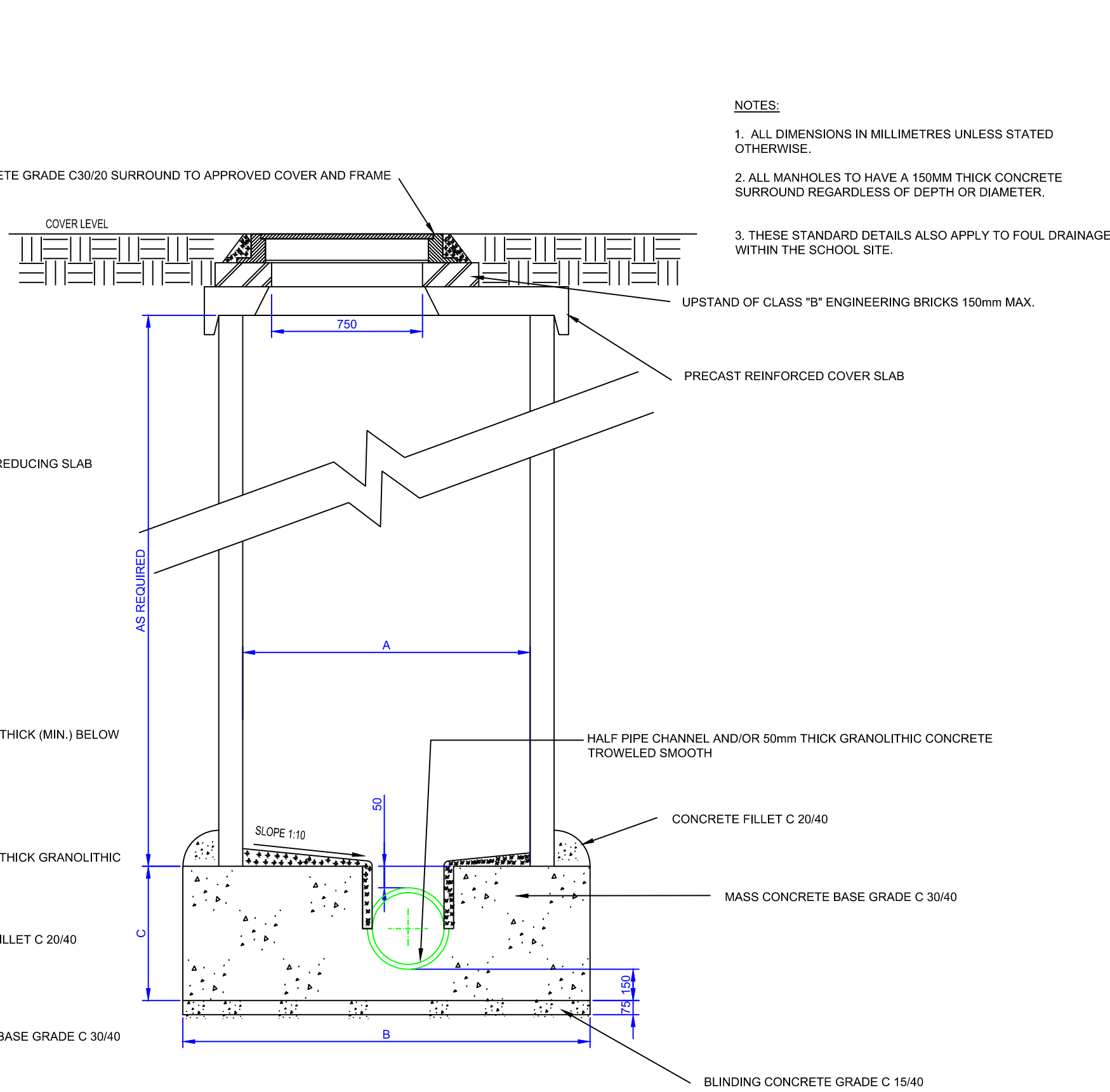


SECTION

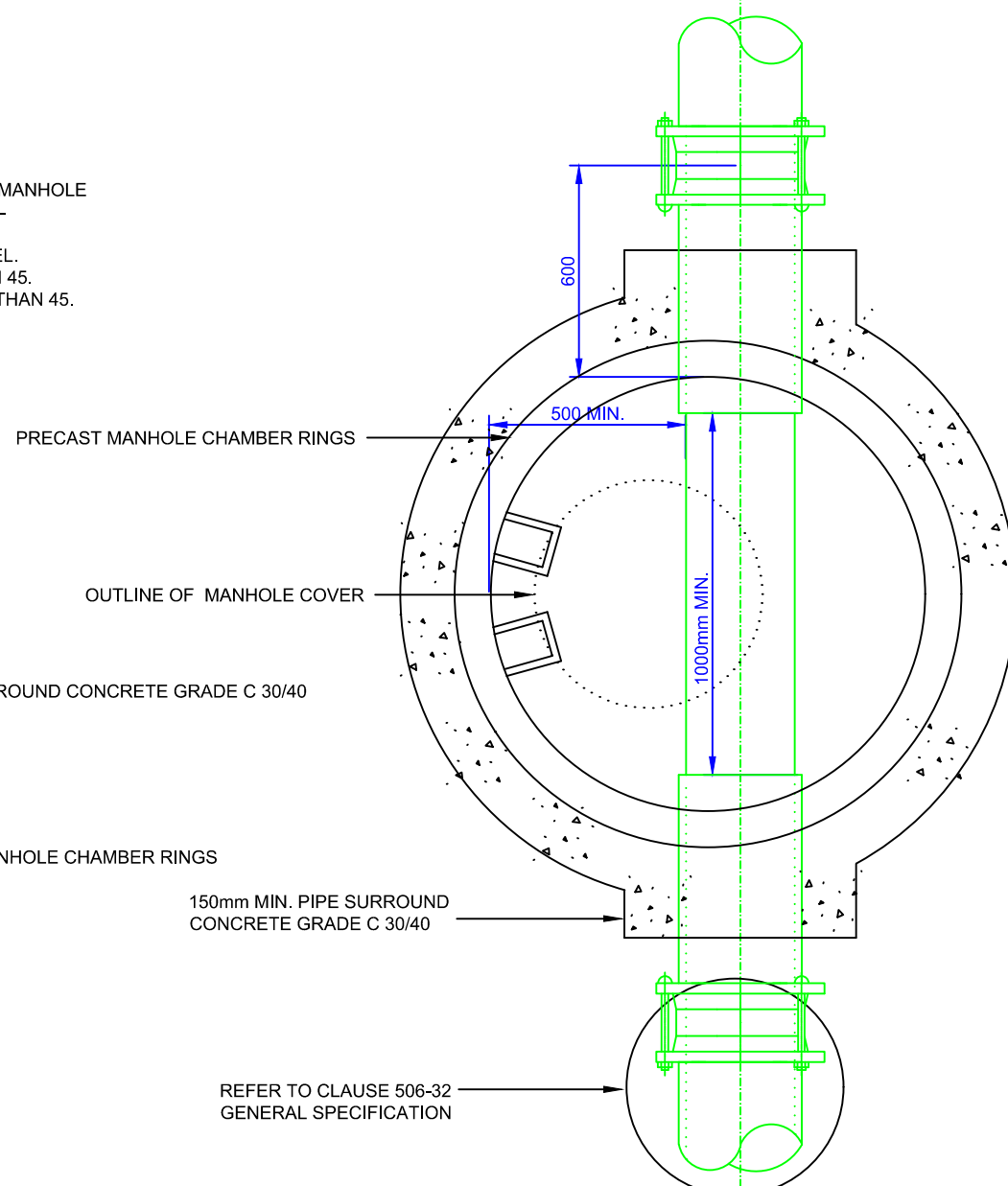
- WHERE STATED IN TABLE BELOW MANHOLE THESE TYPES ARE SUITABLE FOR -
- 1.) STRAIGHT THROUGH CHANNEL
 - 2.) CURVED CHANNEL LESS THAN 45.
 - 3.) CURVED CHANNEL GREATER THAN 45.
 - 4.) JUNCTION



PLAN MANHOLE TYPE 2

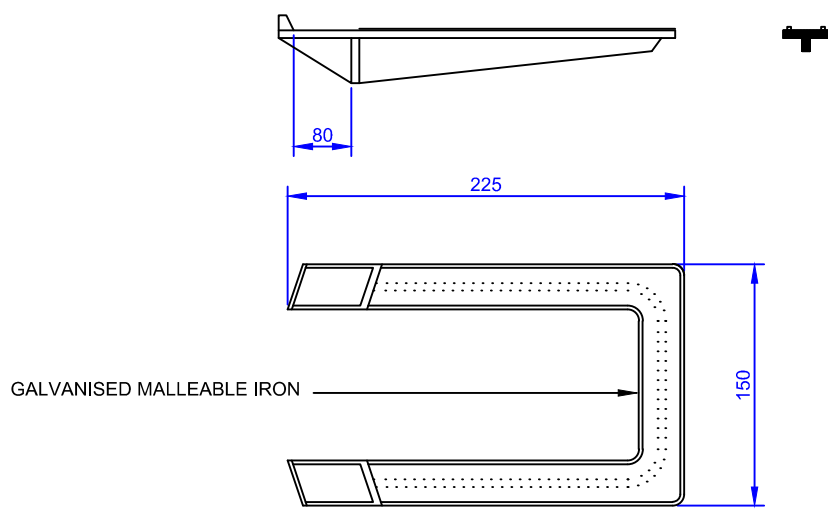


SECTION



PLAN MANHOLE TYPE 1

- NOTES :
- a) THE FALL ALONG THE CHANNEL IN THE MANHOLE IS DETERMINED FROM THE LONGITUDINAL SECTION OF THE PIPE.
 - b) FOR DEPTHS GREATER THAN 6000mm A SUITABLE RESTING PLATFORM WITH HINGED TRAP DOOR IS TO BE PROVIDED FOR THE LADDER.



DETAIL OF STEP IRON

- NOTES:
1. ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.
 2. ALL MANHOLES TO HAVE A 150MM THICK CONCRETE SURROUND REGARDLESS OF DEPTH OR DIAMETER.
 3. THESE STANDARD DETAILS ALSO APPLY TO FOUL DRAINAGE WITHIN THE SCHOOL SITE.

PLANNING				CLIENT		PROJECT		TITLE		SCALES	DRAWN	CHECKED	APPROVED
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07.07.2022 ISSUED FOR PLANNING.				07.07.2022		07.07.2022		07.07.2022		07.07.2022		07.07.2022	
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