NOTES:

1. For Notes see Drg No ***SD/500/16***.

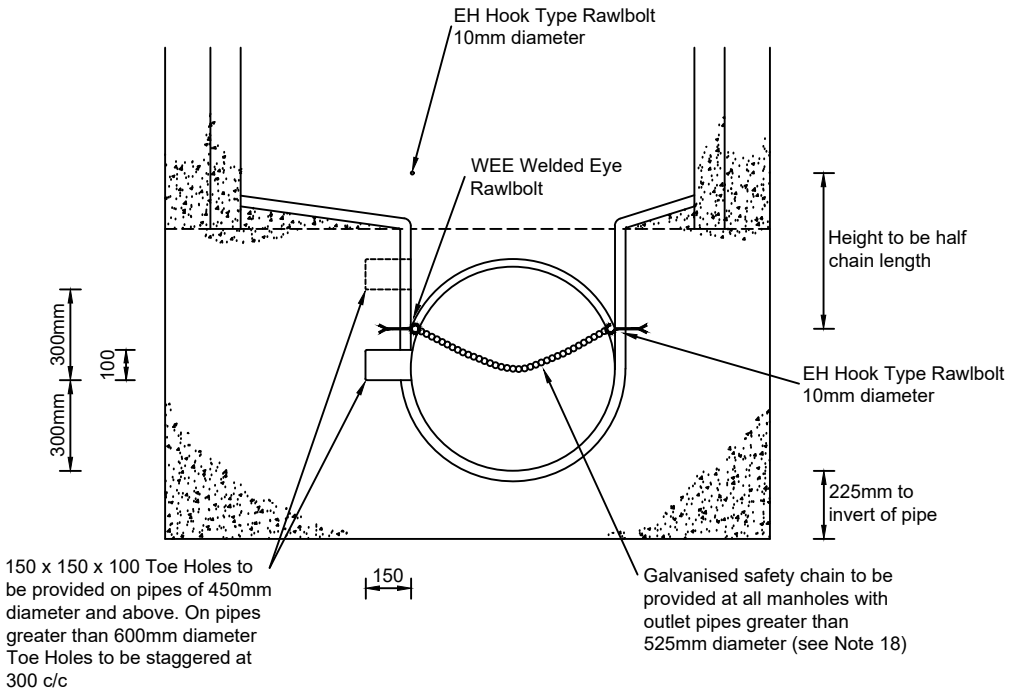
TYPICAL DETAILS OF PRECAST CONCRETE MANHOLES TO BS 5911-3 AND BS EN 1917

TABLE 2 - Concrete Manholes

OUTLET PIPE DIA mm	CHAMBER DIA - D mm	DEPTH OF INVERT OF MAIN CHANNEL				PERMISSABLE ANGLE BETWEEN INLET AND JUNCTION SEWER
		SHALLOW MH (M)		DEEP MH (D)		
		MIN +	MAX	MIN	MAX	
100	1200	1.400	3.000	3.025	6M TO SOFFIT OF OUTLET PIPE	
150		1.450	3.050	3.075		
225		1.525	3.125	3.150		
300		1.600	3.200	3.225		
375	1350	1.675	3.275	3.300		45 - 90
450		1.750	3.350	3.375		
525	1500	1.775	3.375	3.400		50 - 90
600*		1.775	3.375	3.400		
675*		1.775	3.375	3.400		
750*	1800	1.825	3.425	3.450		60 - 90
825*		1.875	3.475	3.500		
900*		1.925	3.525	3.550		
975*		1.975	3.575	3.600		
1050*	2100	2.025	3.625	3.650		
1125*		2.075	3.675	3.700		
1200*		2.125	3.725	3.750		

* Safety chain to be fitted across outlet pipe

\+ See Note 9



TYPICAL SECTION OF BASE

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ENVIRONMENT AND TRANSPORT DEPARTMENT

TITLE:

DRAINAGE

PRECAST CONCRETE MANHOLES - SIZING & BENCHING

DRAWING NUMBER	DATE
SD/500/22	APRIL 2024
AUTOCAD REF	SCALE
K:\GENERAL\D9997STDDRG\STD DRGS 2015	NOT TO SCALE

Rev	Date	Notes on Revision
0	01.04.2024	Supersedes Dwg. SD/5/22A - September 2002