

TYPICAL DETAILS OF PRECAST CONCRETE MANHOLES TO BS 5911

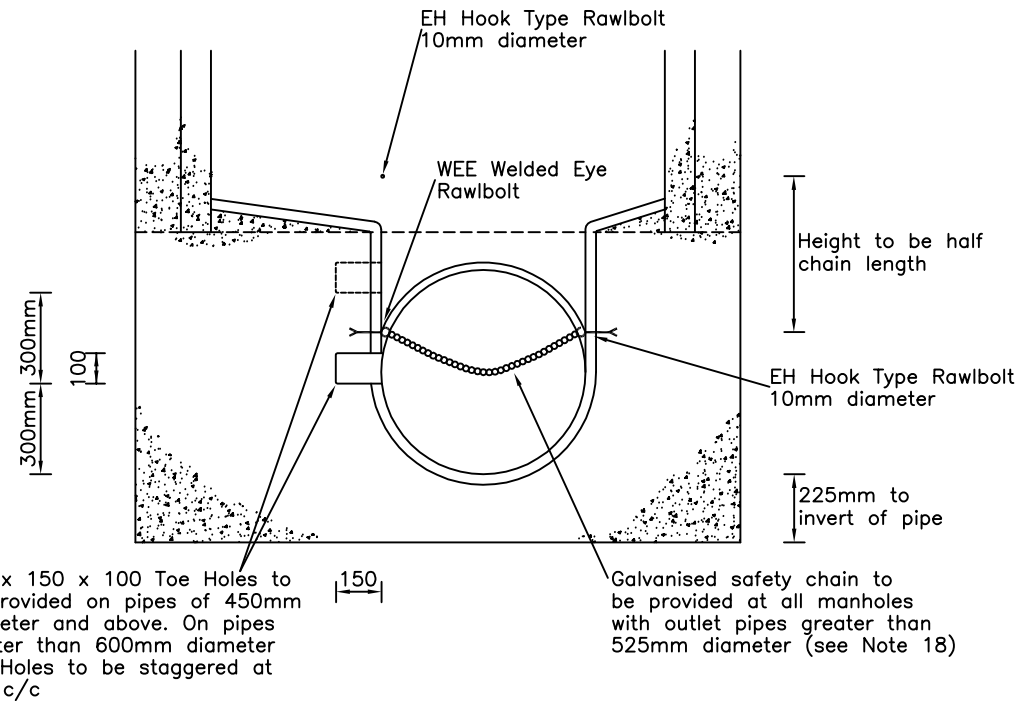
NOTES:  
1. For Notes see Drg No [SD/5/16.]



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		1.675	3.275	3.300		
450	1350	1.750	3.350	3.375		45 – 90
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*		2.025	3.625	3.650		
1125*	2100	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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<p>DEPARTMENT OF HIGHWAYS TRANSPORTATION AND WASTE MANAGEMENT</p>	TITLE:	STANDARD DRAWING	DRAINAGE	DRAWING NUMBER	DATE			
	MANHOLES GROUP MH1	PRECAST CONCRETE MANHOLES		SD/5/22 <sup>A</sup>	SEPTEMBER 1999			
				AUTOCAD REF	SCALE			
				K:\GENERAL\ID9997\STD\DRG\SD522A	NOT TO SCALE	Rev	Date	Notes on Revision
						A	DEC 2003	Additional pipe sizes added