

TYPICAL DETAILS OF PRECAST CONCRETE MANHOLES TO BS 5911

NOTES:

1. For Notes see Drg No **SD/5/16.**

DEEP MANHOLE (D)

For depths see Table 2 (Drg No **SD/5/22A**)

Maximum 4 courses, minimum 2 courses Class B engineering bricks. Mortar and bedding material as stated on Drg No **SD/5/18**

Cover slab, reducing slab and sections bedded and jointed in Class 1 mortar to Clause 2404

Galvanised ladder (BS 4211) minimum distance from wall 150mm. Maximum 675mm from cover level to first ladder rung (see Notes 13 & 17)

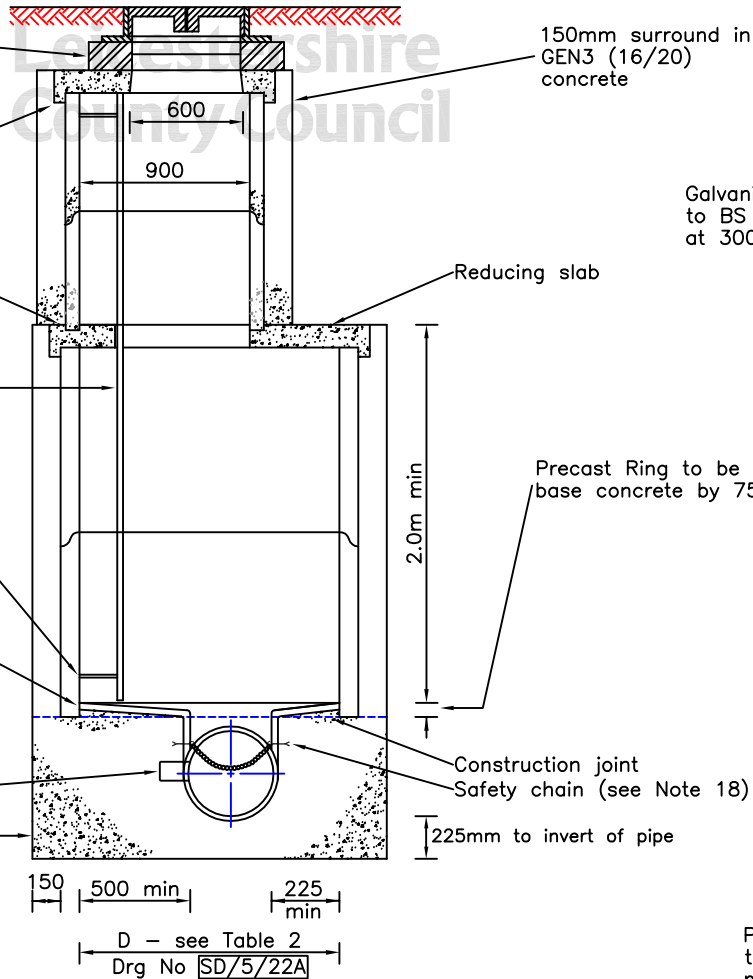
At least 2 stays to be provided for ladder. Maximum spacing of stays 3m.

35mm Grano concrete benching to be brought up to a dense smooth face neatly shaped and finished to all branch connections. Bench slope to be no flatter than 1 in 30.

Distance between top of pipe and underside of PC Ring to be 50mm

Toe Hole (see Drg No **SD/5/22A**)

Base slab in GEN3 (16/20) concrete



SHALLOW MANHOLE (M)

For depths see Table 2 (Drg No **SD/5/22A**)

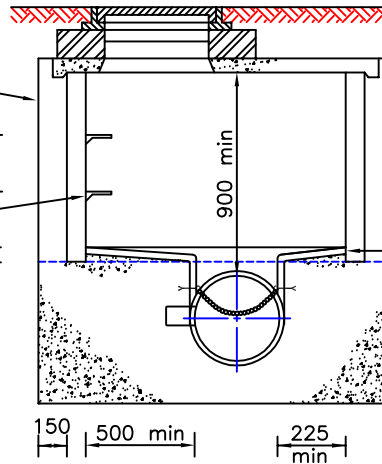
150mm surround in GEN3 (16/20) concrete

Galvanised step irons to BS 1247 staggered at 300 φ c

675

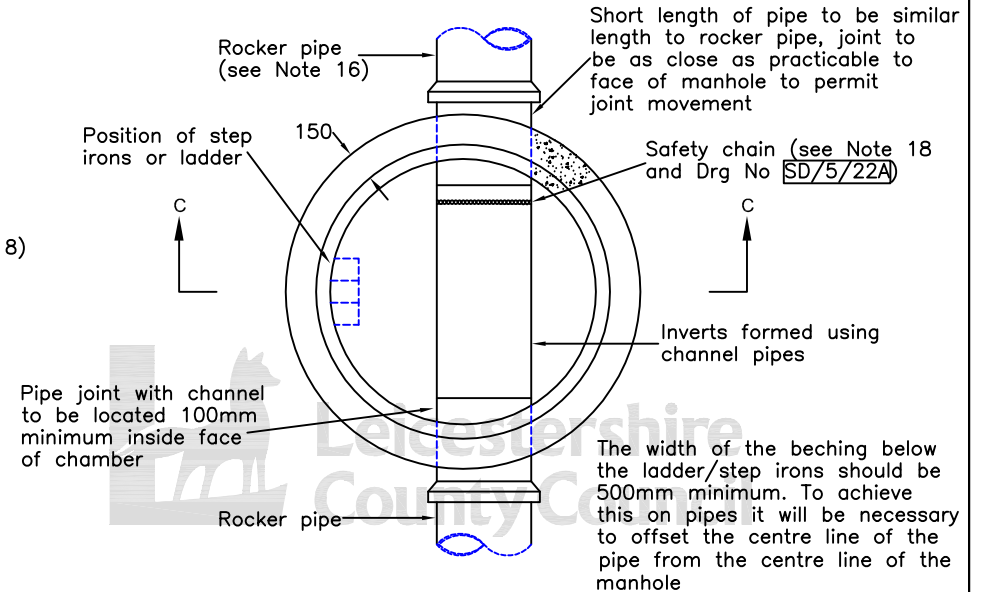
35mm Grano concrete as deep manhole

Base slab in concrete Class C20P



SECTION C-C

Precast Ring to be built into base concrete by 75mm min



SECTIONAL PLAN FOR (D) & (M) MANHOLES

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TITLE:	STANDARD DRAWING	DRAINAGE
	MANHOLES GROUP MH1	PRECAST CONCRETE MANHOLES

DRAWING NUMBER	DATE		
SD/5/21 ^A	SEPTEMBER 2002		
AUTOCAD REF	SCALE		
K:\GENERAL\ID9997\STDDRG\SD521	NOT TO SCALE		
Rev	Date	A	OCT 2007
			Tapered rings replaced with standard rings
			Notes on Revision