



CHAMBER SUB-TYPE						
Sub- Type	Minimum Chamber Ring Dia.	Max. Pipe DN	W	Guardrail Required	Safety Chain Required	Toe Hold Required
4a	1500	450	625	No	No	No
4b	1500	550	625	No	No	Yes
4c	2100	900	875	Yes	Yes	Yes

FOR PIPES 300 TO 900 DIAMETER. DEPTHS 3000+ TO 6000 + PIPE DIAMETER

NOTES

- All dimensions are in millimetres.
- Chamber walls and cover slab to be constructed in precast concrete to BS EN 1917 and BS 5911-3.
- Mortar to be designed to SHW Series 2400 (i)
- Safety chain and guardrail required where outfall pipe is 600 diameter or greater. Toe hold and handhold required where outfall pipe is 500 diameter or greater. For details of ladder, safety chain and handhold see Drawing Number LBS-500-09. For details of the toe hold see Drawing Number LBS-500-27
- See SHW, sub-Clause 507.7 regarding backfilling/surround to chamber.
- All ST concrete shall be to SHW, Clause 2602.

REV	DATE	REVISION DESCRIPTION / DETAILS	DRN BY	CHKD BY	APRVD BY



PROJECT: SOUTHWARK STREETSCAPE DESIGN MANUAL STANDARD DETAILS			
TITLE: TYPE 4 CHAMBER (PRECAST CONCRETE MANHOLE)			
STATUS:	DRAFT	DRAWN	SR
SCALE:	N.T.S.	CHECKED	GL
DRAWING NO:	LBS/500/06	REV	R0
DATE DRAWN:	JULY 2017	DATE ISSUED:	19 Feb 2019

S:\HIGHWAYS MAINTENANCE\SSM\02_SSDM_CONTENT_ARCH\REVISED\SSM\TECH\BRN\STD DETAILS\SERIES 500\DRAINAGE & SERVICE DUCTS\G/LBS-500-06 TYPE 4 CHAMBER PRECAST CONCRETE MANHOLE.DWG