

Brickwork to SHW Series 2400 or precast concrete adjusting unit conforming to BS EN 1917 and BS 5911-3

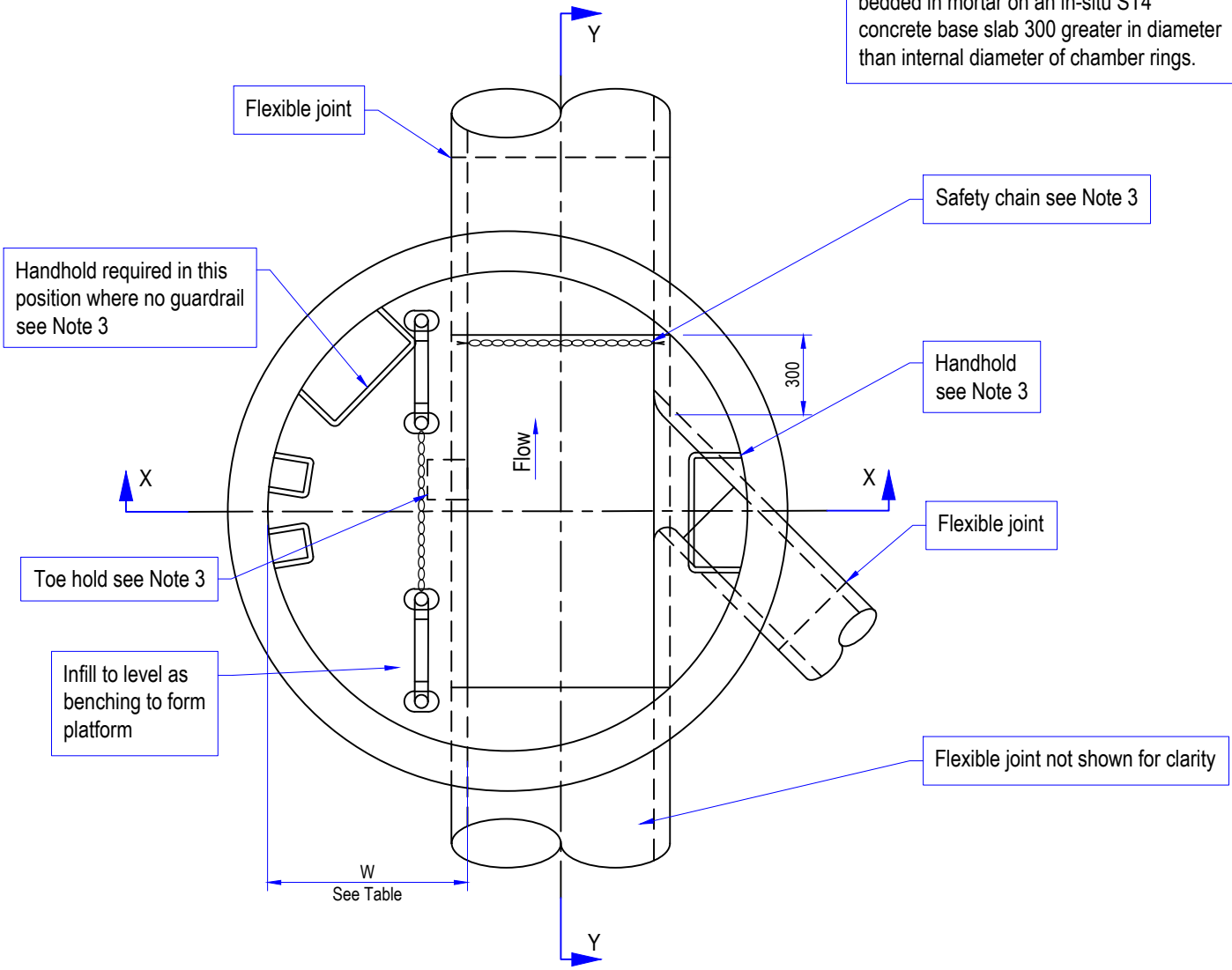
Precast cover slab bedded on 10 min mortar bed designation (i) to SHW Series 2400

Precast concrete chamber rings see table for ring diameter/pipe diameter details

Integral in-situ ST4 concrete base walls benching & base slab with precast channel as shown or in-situ formed invert as alternative. Walls to extend 50 beyond outer faces of chamber ring. Alternatively precast concrete chamber rings may be bedded in mortar on an in-situ ST4 concrete base slab 300 greater in diameter than internal diameter of chamber rings.

Benching slope to be in the range of 1:10 to 1:30

Toe hold see Note 3

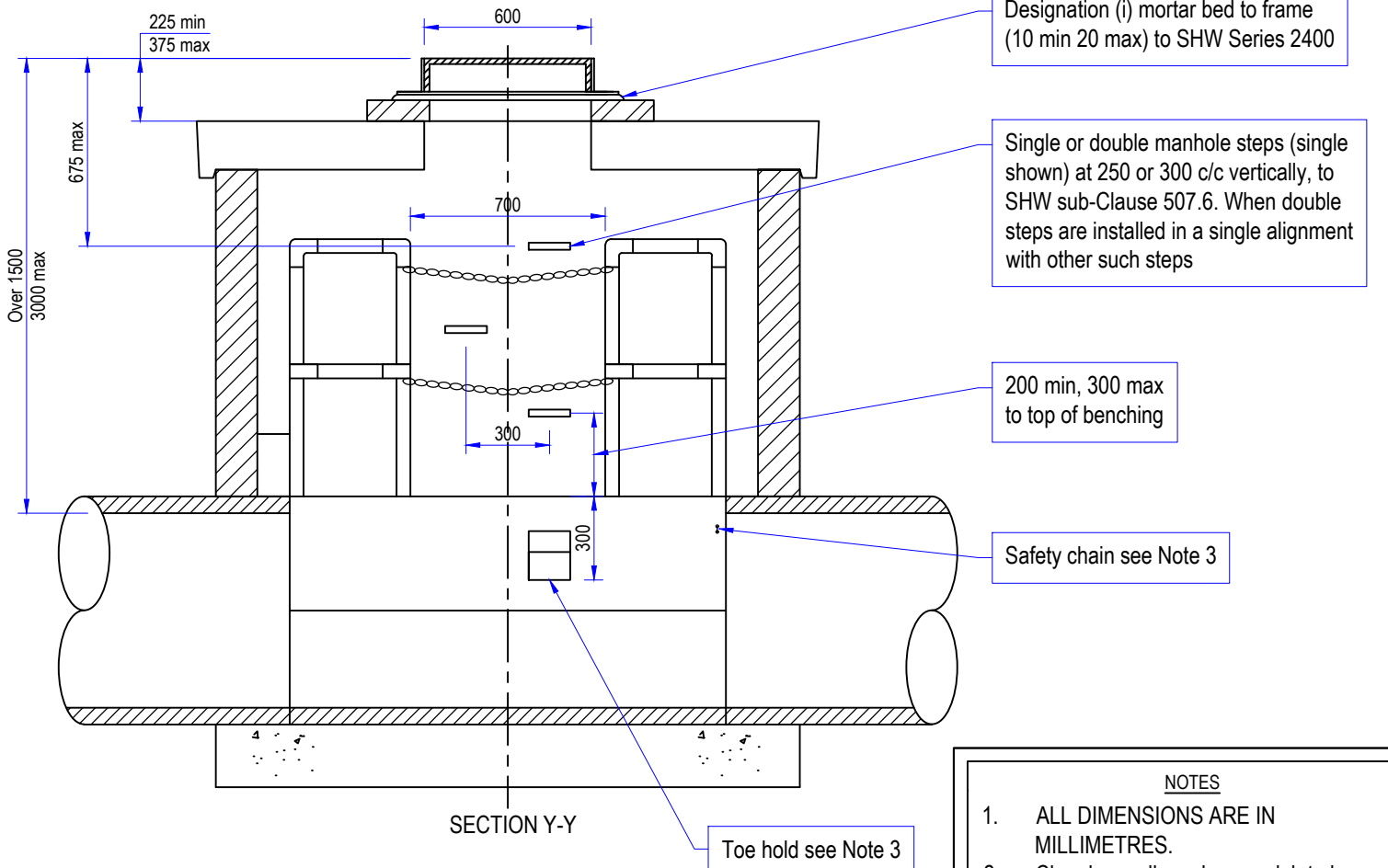


Safety chain see Note 3

Handhold see Note 3

Flexible joint

Flexible joint not shown for clarity



Designation (i) mortar bed to frame (10 min 20 max) to SHW Series 2400

Single or double manhole steps (single shown) at 250 or 300 c/c vertically, to SHW sub-Clause 507.6. When double steps are installed in a single alignment with other such steps

200 min, 300 max to top of benching

Safety chain see Note 3


Toe hold see Note 3

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.
- 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 safety chain and handhold see Drawing Number LBS-500-09. For details of the toe hold see Drawing Number LBS-500-27.
- See SHW regarding backfilling/surround to chamber.
- All ST concrete shall be to SHW, Clause 2602.

CHAMBER SUB-TYPE				
Sub- Type	Minimum Chamber Ring Dia.	Max. Pipe DN	Max. No. of Branches	W
3a	1200	300	1	575
3b	1500	450	1	575
3c	1800	700	1	775
3d	2100	900	1	875

FOR PIPES 900 MAX. DIAMETER. DEPTH 1500+ TO 3000+ PIPE DIAMETER

REV	DATE	REVISION DESCRIPTION / DETAILS	DRN BY	CHKD BY	APRVD BY
 <p>160 TOOLEY STREET LONDON SE1P 5LX</p>					
PROJECT: SOUTHWARK STREETSCAPE DESIGN MANUAL STANDARD DETAILS					
TITLE: TYPE 3 CHAMBER (PRECAST CONCRETE MANHOLE)					
STATUS:	DRAFT			DRAWN	SR
SCALE:	N.T.S.			CHECKED	GL
DRAWING NO:	LBS/500/05			APPROVED	R0
DATE DRAWN:	JULY 2017		DATE ISSUED:	XX MONTH 20XX	