



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.

CHAMBER SUB-TYPE			
Sub-Type	No. of Branches	Chamber ring dia.	Max. Pipe DN
11a	0	900	450
11b	0	1050	600
11c	1	1200	750
11d	1	1500	900

FOR PIPES 900 MAX DIAMETER

- NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETERS.
 2. Chamber walls and cover slab to be constructed in precast concrete to BS EN 1917 and BS 5911-3.
 3. See SHW regarding backfilling/surround to chamber.
 4. Benching width to be 300 for branch connection.
 5. Cruciform comprising 2 No. 76 x 51 x 6 angle to BS 970 - 1 700 long and protected by hot dip galvanizing in accordance with SHW Clause 1909. Cruciform built into brickwork across centre of access hole to prevent man entry.
 6. Inspection chambers are intended for use where maintenance is to be carried out using remotely operated equipment only. Deep inspection chambers impose limitations on these techniques and therefore should not be used in highways or other high use areas where excavation for repairs would be unacceptable.
 7. All ST concrete shall be to SHW Clause 2602.

S:\HIGHWAYS MAINTENANCE\SSOM\SSOM_CONTENT_ARCH\REVISED\ISSUED TO DETAIL\SSERIES 500\DRAINAGE & SERVICE DUCTS\DWG\BS-500-23 TYPE 11 CHAMBER DEEP INSPECTION CHAMBER.DWG

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

Southwark
Council
southwark.gov.uk
160 TOOLEY STREET LONDON SE1P 5LX

PROJECT:
SOUTHWARK STREETSCAPE DESIGN MANUAL STANDARD DETAILS

TITLE:
TYPE 11 CHAMBER (PRECAST CONCRETE DEEP INSPECTION CHAMBER)

STATUS:	DRAFT	DRAWN	SR
SCALE:	N.T.S.	CHECKED	GL
DRAWING NO:	LBS/500/23	APPROVED	REV R0
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