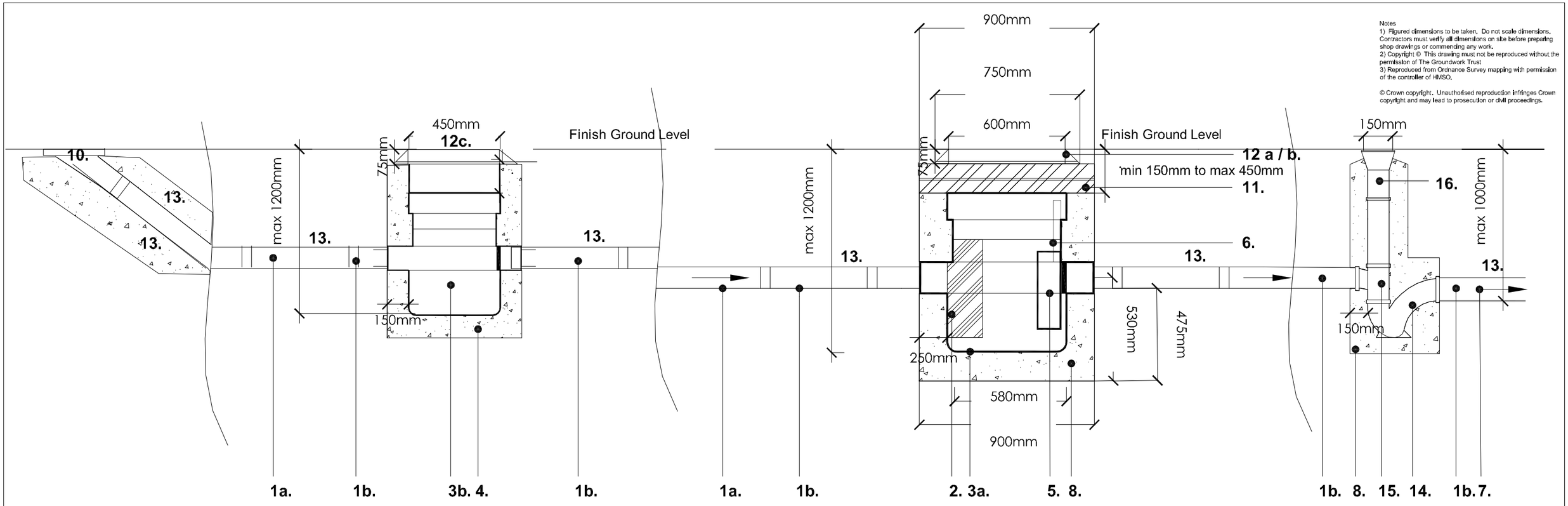

Notes
1) Figured dimensions to be taken. Do not scale dimensions. Contractors must verify all dimensions on site before preparing shop drawings or commencing any work.
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Rodding Eye

Notes:

1a. 110mm dia HDPE/Polypropylyne non- perforated inlet pipe, from gravel 'soaker' or porous sub base.

1b. 110mm dia 600mm long flexible 'Rocker' pipe.

2. Proprietary inlet filter box (Integral to flow control unit).

3a. Proprietary HDPE/Polypropylyne 600mm dia 'silt trap' chamber, max 1.2m depth.

3b. Proprietary HDPE/Polypropylyne 450mm dia 'silt trap' chamber, max 1.2m depth.

4. 150mm GEN 1 / ST2 concrete bed and surround.

450mm Silt Trapping Inspection Chamber Section

5. Proprietary 'orifice plate' flow regulator, size to be determined (generally 15mm for 250sq m catchment - see schedule for regulator sizes), with flow controller withdrawal handle (Integral to Flow Control Unit).

6. HDPE/Polypropylyne non- perforated overflow pipe, height to finish 300mm below surround ground level.

7. 110mm dia HDPE/Polypropylyne non- perforated outlet pipe, to mains system.

8. 250mm/150mm GEN 1 / ST2 concrete surrounds to chamber.

9. 450mm proprietary polypropylene riser to 450mm IC as required

10 Angled oval cast metal B125 rated screw-locked rodding eye

900- 1200mm deep 600mm dia flow control Inspection Chamber Section

11. Min two course brickwork, 1 brick thick Class B F2 S2 engineering brick (215 x 102.5 x 65mm) with 10mm SR mortar joints.

12. Ductile iron inspection chamber cover & frame, secured with 100mm haunch motar & nominal bed of class (i) SR mortar.

12a. Covers for Parking bays: - Class B125 75mm deep 600mm square

12b. Covers for Driveways and Apron areas - Class DN400 100mm deep 600mm square opening

12c Covers for other garden areas Class B125 450mm diameter to 450mm Ic

13. Backfill and bedding see drawing 1611-062

Outlet Trap prior to connection into existing combined drainage system

14. 110mm dia proprietary polypropylene / PVCu Lowback P Trap with SBR rubber sealing rings to joints.

15. 110mm dia proprietary polypropylene / PVCu Equal junction triple socket, 87.5* inlet angle with SBR rubber sealing rings to joints, connecting to inlet from system, P trap and sealed hopper.

16. 110mm dia proprietary polypropylene / PVCu 'sealed hopper' with SBR rubber sealing rings to joints and screwed & sealed metal blanking plate, 150 x 150mm opening or rodding eye (see note 10). 110mm riser sections and joints as required to connect to equal junction. NOT TO BE SITED IN AREAS CAPABLE OF OVERRUN.

rev'd	description:	drwn:	checked	date:
C	Outlet trap added	AP	PH	
B	1.2 max depth to 600mm chamber, 450mm chamber and rodding eye added	PH	PH	

Southway Housing Trust

GROUNDWORK

CHANGING PLACES CHANGING LIVES

Project: Southway Housing Trust Driveway Improvements

Drawing Title: Inspection Chamber Details

SCALE	DATE	DRAWING NO.	REV	DRAWN BY	CHECKED BY
1:15 @ A3	01.12.10	1612-061	C	AP	PH

Groundwork in Manchester, Salford, Stockport, Tameside & Trafford.
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