

Site Managers Report

Drainage Installation

Project Name	Old Market Street
Project Address	1 Domett Street Blackley Manchester M9 8DF
Drainage Designer	Simon Berry Bell Munro Consulting Limited Turing House Archway Manchester M15 5RL
Subcontractor	GNL Construction Limited 324 Styal Road Heald Green Cheadle SK8 3UA



Attenuation tank install and capping off



BBA approved
Compressive strength of 44 tonnes/m²
Integrated inlet and outlet
3D flow throughout the structure
95% void ratio, 100% recyclable
50 years creep limited life expectancy
Creates bridging zone
Control movement
High water flow



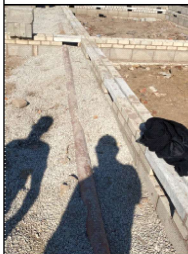
Capped off with Type 1 stone

Hydrobreak

New chamber in carpark for surface water and attenuation tank



SW from SWMH03 to external chamber at front of building

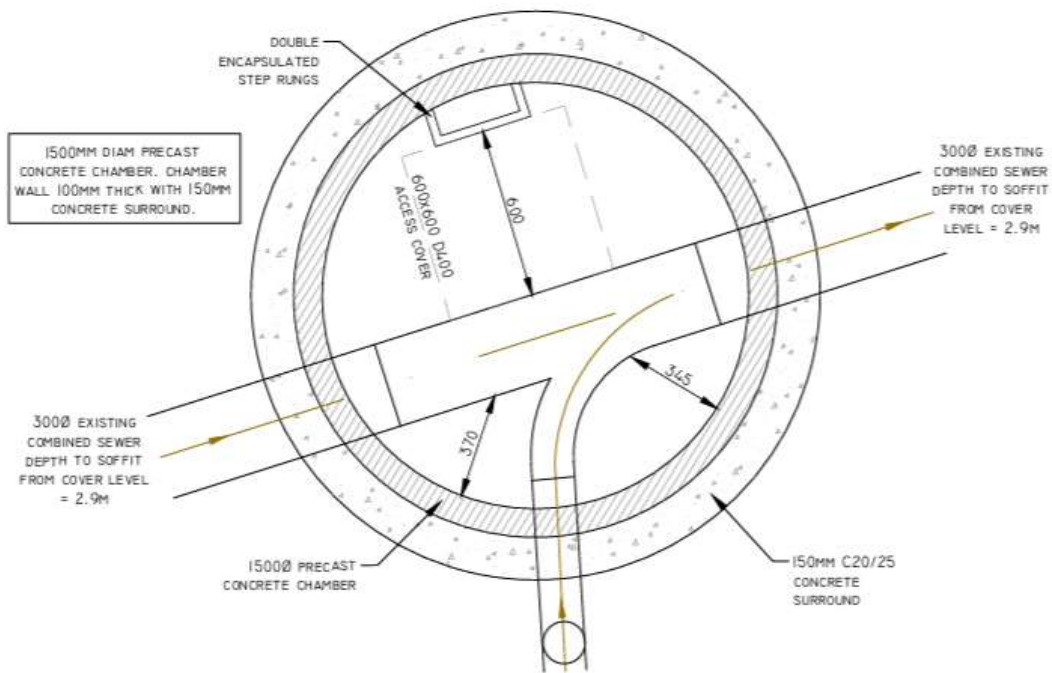


PVC drainage pipe
laid to falls on pipe
bedding

Foul pop ups			
			
FWD6	FWD5 & FWD6 and SW run (FWMH04 to SWMH01)	FWD12	FWD16

Foul waste pipe
popping up on a
slow radius bend

Verifying correct falls			
			
Foul drain	Foul drain	FWD2	FWD2
			
			
	FWD7	FWD9	FWD11
			
FWD17		FWD14	FWD15
			
FWD17			



A FULL HEIGHT (NO ACCESS SHAFT) CONSTRUCTION IS TO BE USED.

750 X 600 E.O. HOLE SIZE IN COVER SLAB

COVER FRAME SEATING RING ON COVER SLAB

DOUBLE STEP ACCESS TYPE I - 600 X 600 E.O

E.O. = ECCENTRIC OPENING

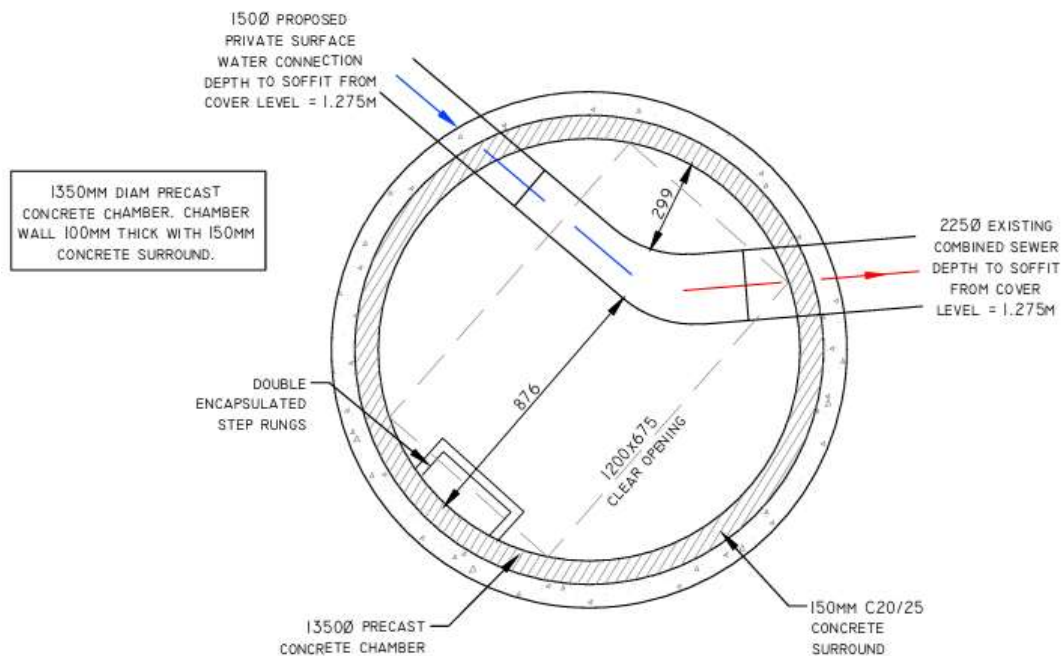
REDUCING SLAB NOT USED

ROCKER PIPE EFFECTIVE LENGTH : 600 MINIMUM

VITRIFIED CLAY CHANNEL FITTINGS

**PROPOSED ADOPTED COMBINED MANHOLE DETAIL
FOR NEW FOUL CONNECTION IN DOMETT STREET
1:20 @ A4**

MANHOLE TO BE CONSTRUCTED TO
MANHOLE TYPE I DETAIL



A FULL HEIGHT (NO ACCESS SHAFT) CONSTRUCTION IS TO BE USED.

1200 X 675 C.O. HOLE SIZE IN COVER SLAB

COVER FRAME SEATING RING ON COVER SLAB

DOUBLE STEP ACCESS - 1200 X 675 C.O.

C.O. = CENTRAL OPENING

REDUCING SLAB NOT USED

ROCKER PIPE EFFECTIVE LENGTH : 600 MINIMUM

VITRIFIED CLAY CHANNEL FITTINGS

PROPOSED ADOPTED COMBINED MANHOLE DETAIL
FOR NEW FOUL CONNECTION IN DOMETT STREET
1:20 @ A4

MANHOLE TO BE CONSTRUCTED TO
MANHOLE TYPE 4 DETAIL