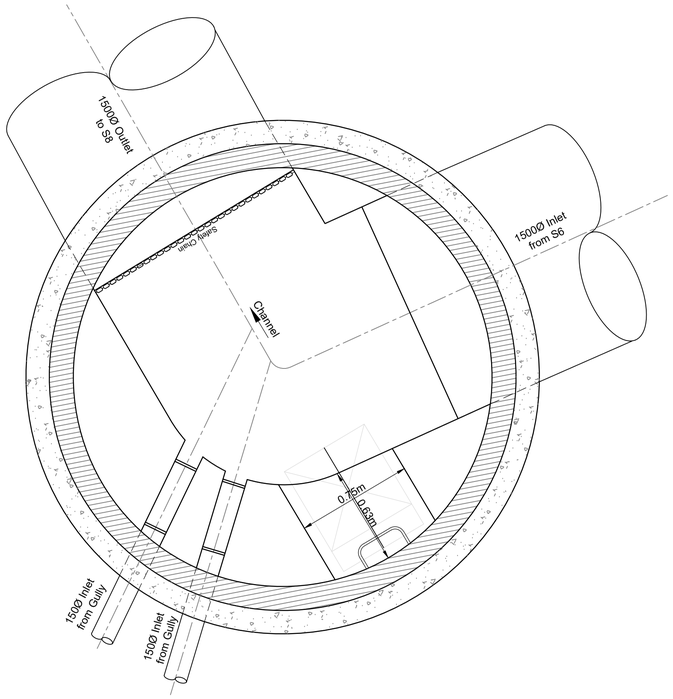
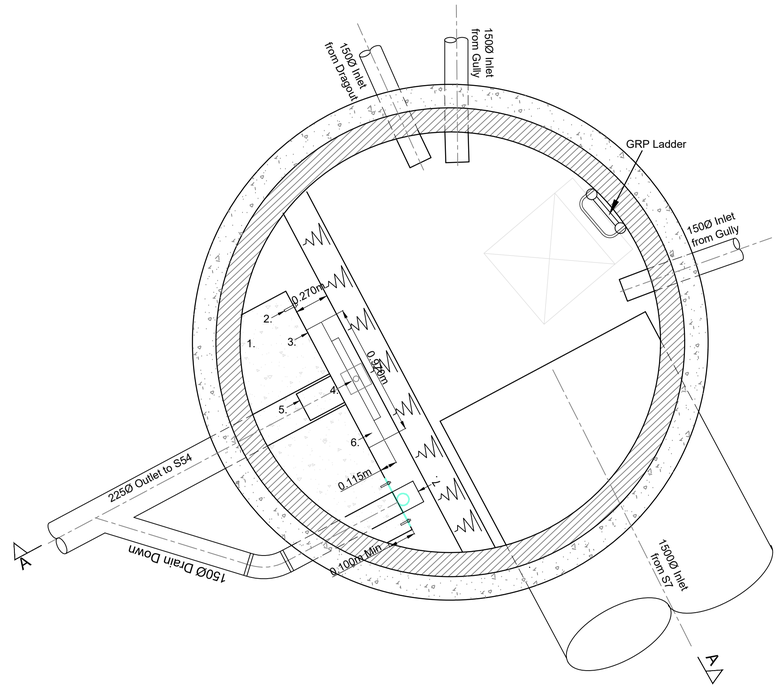
Manhole Number	Cover Level	Connections	Pipe				Manhole Size	Types	
Coordinates	Depth To Soffit		Code	Inverts	Diams			Manhole	Cover
S7	67.635	1	1 1.004	64.358	1500		2400	DCG Type B Figure B10 Double Step Rungs	600 x 600 D400 750 x 600 Clear opening in cover slab
E. 386108.570	1.777	0	0 1.005	64.358	1500				
N. 400106.441									

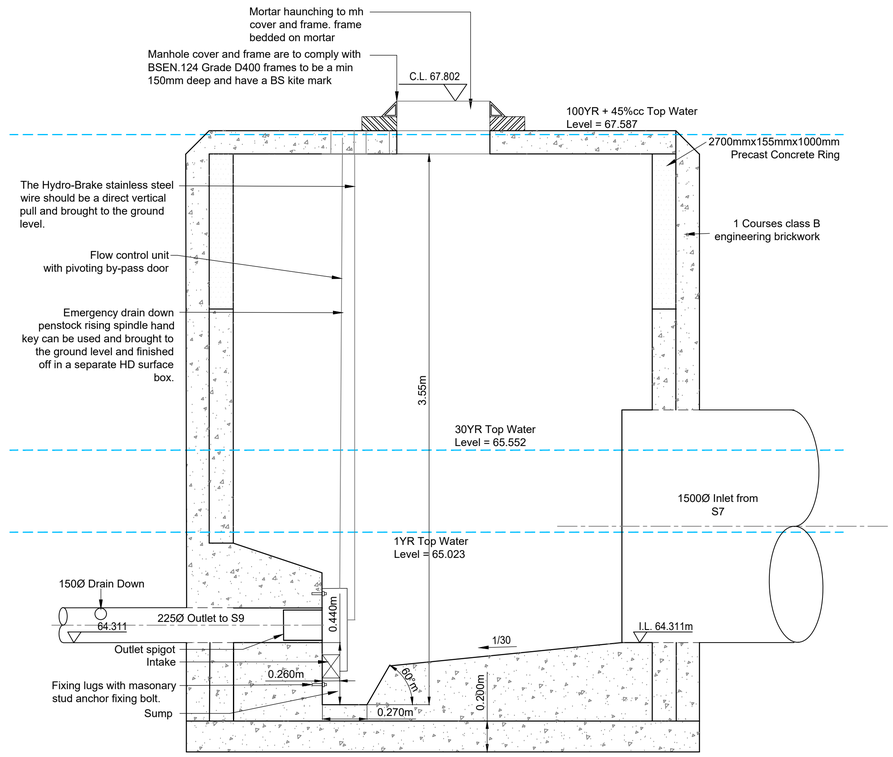


Manhole Number	Cover Level	Connections	Pipe				Manhole Size	Types	
Coordinates	Depth To Soffit		Code	Inverts	Diams			Manhole	Cover
S8 HYDROBRAKE 11 l/s	67.802	1	1 1.005	64.311	1500		2700	Design head = 3.10m Max. flow = 11 L/s Plastic Encapsulated Type A2 GRP Ladder	600 x 600 Clear Opening D400
E. 386099.119	3.266	0	0 1.006	64.311	225			**Reference must be made to Hydro-International details. Product Code: MD-SHE-0124-1100-3100-1100	
N. 400122.545									



Key:
1. Concrete Mounting Block.
2. Fixing lugs with masonry stud anchor fixing bolts.
3. Neoprene Rubber Gasket.
4. 150 x 150 access hatch to operate spindle for Hydro-Brake.
5. Spigot.
6. Hydro-Brake Optimum flow control fitted with pivoting bypass door.
7. Access hatch to operate 150ø emergency drain down.

Hydro-Brake Optimum®
Max Flow Discharge
11.5 L/sec
Head 3.100m
126mmØ HydroBrake Orifice
225mm HydroBrake Outlet ø For Hydrobrake details refer to Hydro International PLC details SHE-0126-1150-3100-1150



Notes

This drawing is to be read in conjunction with the construction (Design and Management) regulations 2015.

1. This drawing is to be read in conjunction with:- Lees Roxburgh drawing series 6710, architects and designers drawings and details.

2. Construction details to be in accordance with Manchester Councils 'Highways developer design guide'.

3. The contractor shall comply with the following:-
a. All operations should be carried out in accordance with the general health and safety policy of Bellway Homes Ltd and all relevant health and safety legislation.
b. The local authority and service companies are to be notified prior to commencement of work on site.
c. Prior to construction the actual positions and depths of services likely to be affected by the works should be established by means of hand dig in close liaison with the service companies. the contractor shall immediately advise Lees Roxburgh of any services exposed which may affect the design.
d. The location and depth of any services/apparatus shown is approximate only and has been based on plans received from the statutory undertakers.
e. Lees Roxburgh ltd do not accept any responsibility for the accuracy of this or any other drawings which indicate the position and/or depth of services/apparatus.
f. The contractor must contact the relevant statutory undertakers and be in possession of the latest available drawings from the statutory undertakers which shows details of their services/apparatus.

4. All sewerage works to be in accordance with the Design and Construction Guidance (DCG) and United Utilities standard details.

5. Lees Roxburgh's appointment is restricted to the design of the permanent civil/structural works only and have no site role. the contractor is thus entirely responsible for compliance with the health and safety at work act. He shall be specifically responsible for all temporary works and for the stability of the affected land and structures.

6. For legal site boundary see deeds plans in possession of client.

7. All dimensions shown are in metres unless indicated otherwise.

8. Use of appropriate rocker pipe lenghts to be confirmed and reference to variable features on STND/19/010 (if applicable) to be made.

9. All lateral connections are to be made at soffit level to the main channel.

The details provided on this drawing are subject to comment by all the relevant approving authorities. Until such time as all comments have been received and incorporated onto the drawings, all the information provided and associated costings, are used at Bellway Homes Ltd risk and no liability will be accepted by Lees Roxburgh Ltd. Scheme based on Bellway Homes layout received 11.10.24

Note:
Co-ordinates refer to pipe centreline intersections and not manhole centres. Refer to 1:20 manhole schedules for alignment of manholes relative to pipe positions.

Rocker pipes will be provided in accordance with Sewers for Adoption detail (Figure B.14 and Clause E6.6.2).

Rev	Revision	By	Date

Bellway (MANCHESTER)
(a member of Bellway Plc Group of Companies)
Bellway Homes Ltd
304 Bridgewater Place, Birchwood
Warrington, Cheshire, WA3 6XG

Pitsford Road
Manchester

Surface Water
1:20 Manhole Schedules
Sheet 2 of 4

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Job No.	Drawing No.	Revision.
6710	02-13-02	

Scale 1:20 @ A1 | Date October 2024

Drawn By	Designed By	Checked By
AN	AN	CB