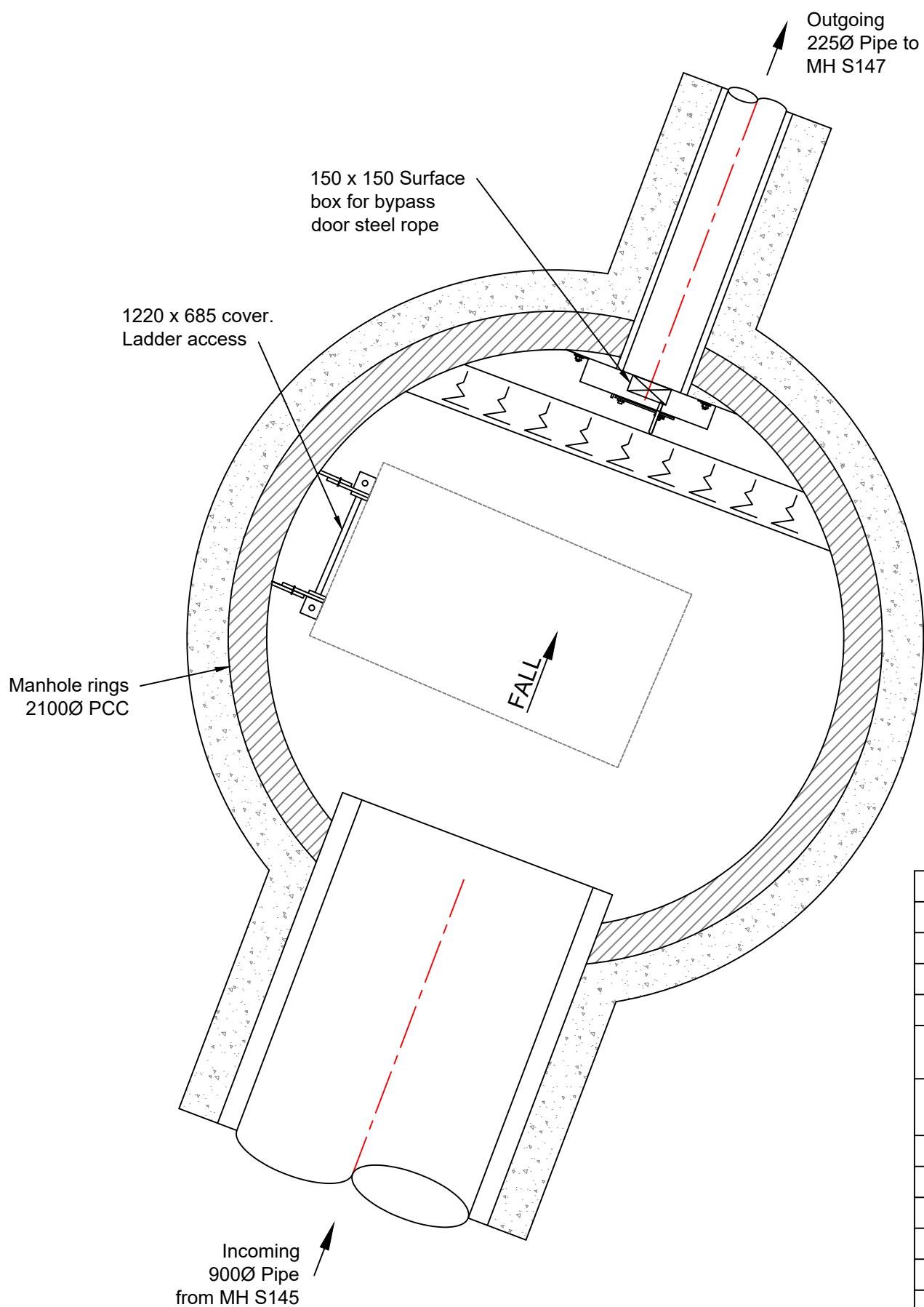
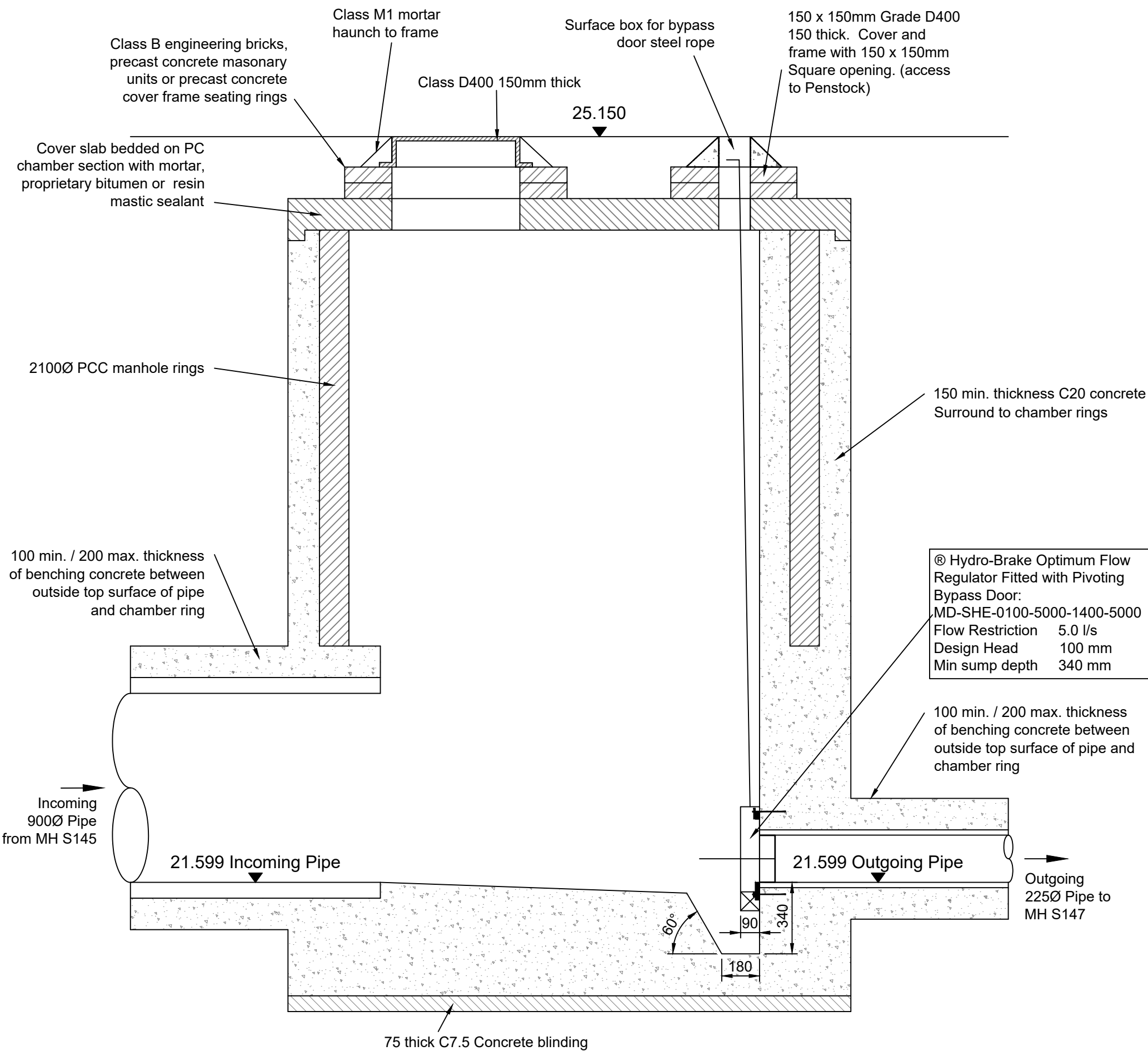


DO NOT SCALE



Manhole	S146
MH Diameter	2100mm
Cover Level	25.150
Invert Level	21.599
MH Type	Flow Control
Depth to Soffit (225Ø)	3.326
Depth to Soffit (900Ø)	2.651
Depth to Cut-Out Recess (SW storage MHs only)	N/A
Cover Size	1220 x 685mm
Cover Depth	150mm
Cover Spec.	D400
Ladder or Double Steps?	Ladder
Safety Chain	No
Safety Rails	No
Invert Access Steps	No
Hole Size in Cover Slab	1220 x 685mm



Notes

- All dimensions are in millimetres unless shown otherwise.
- All works shall be in accordance with Design and Construction Guidance (DCG) Standards and United Utilities Standard Guidelines / Details.
- Step Rungs shall be installed in accordance to BS EN 13101.
- Manholes shall be to United Utilities Standard Detail STND/19/001-012. Ladders, Safety chains and Hand railing shall be to Standard Detail STND/19/010. Back-drops shall be to Standard Detail STND/19/007.
- The flow control unit shall be manufactured by Hydro International
- The flow control units supplied shall pass a maximum flow of:
5.0 l/s at a design head of 3.247m
- The flow control units supplied shall be fitted in accordance with the manufacturers instructions.

Coopers Drawing List:

- 7778 / 01 Proposed S104 Drainage Layout
- 7778 / 02 Proposed Highway Setting Out
- 7778 / 03 Proposed Highway Layout
- 7778 / 04 Proposed Highway and Drainage Longsections
- 7778 / 05 Highway Construction Details
- 7778 / 06 Proposed Surface Finishes
- 7778 / 07 S38 Agreement Plan
- 7778 / 08 External Works Layout
- 7778 / 09 Private Drainage Layout
- 7778 / 10 Private Drainage Construction Details
- 7778 / 11 Manhole Schedules
- 7778 / 12 Flow Control Manhole Details
- 7778 / 13 Surface Water Catchment Areas
- 7778 / 14 Surface Water Attenuation Details
- 7778 / 15 Proposed Cut and Fill Earthworks
- 7778 / 16 Plot Setting Out
- 7778 / 17 Manhole Connection Plan

TENDER



Tel: 01244 684910
Email: admin@coopers.co.uk
Web: http://coopers.co.uk

Park House
Sandpiper Court
Chester Business Park
Chester
CH4 9QU

Client



**BARRATT
HOMES**



DAVID WILSON HOMES
WHERE QUALITY LIVES

Barratt/David Wilson Homes
North West
303 Bridgewater Place
2nd Floor
Warrington
Cheshire
WA3 6XF
TEL: 01925 846600

Project

**CHERRYFIELD DRIVE,
KIRKBY.**

Title

**Flow Control Manhole Details (S146)
Sheet 3 of 7**

DRAWING NUMBER

7778 / 12-3

SCALE at A2

1:20

DATE

09.05.25

DRAWN

PJN

CHECKED

AJ

REVISION

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