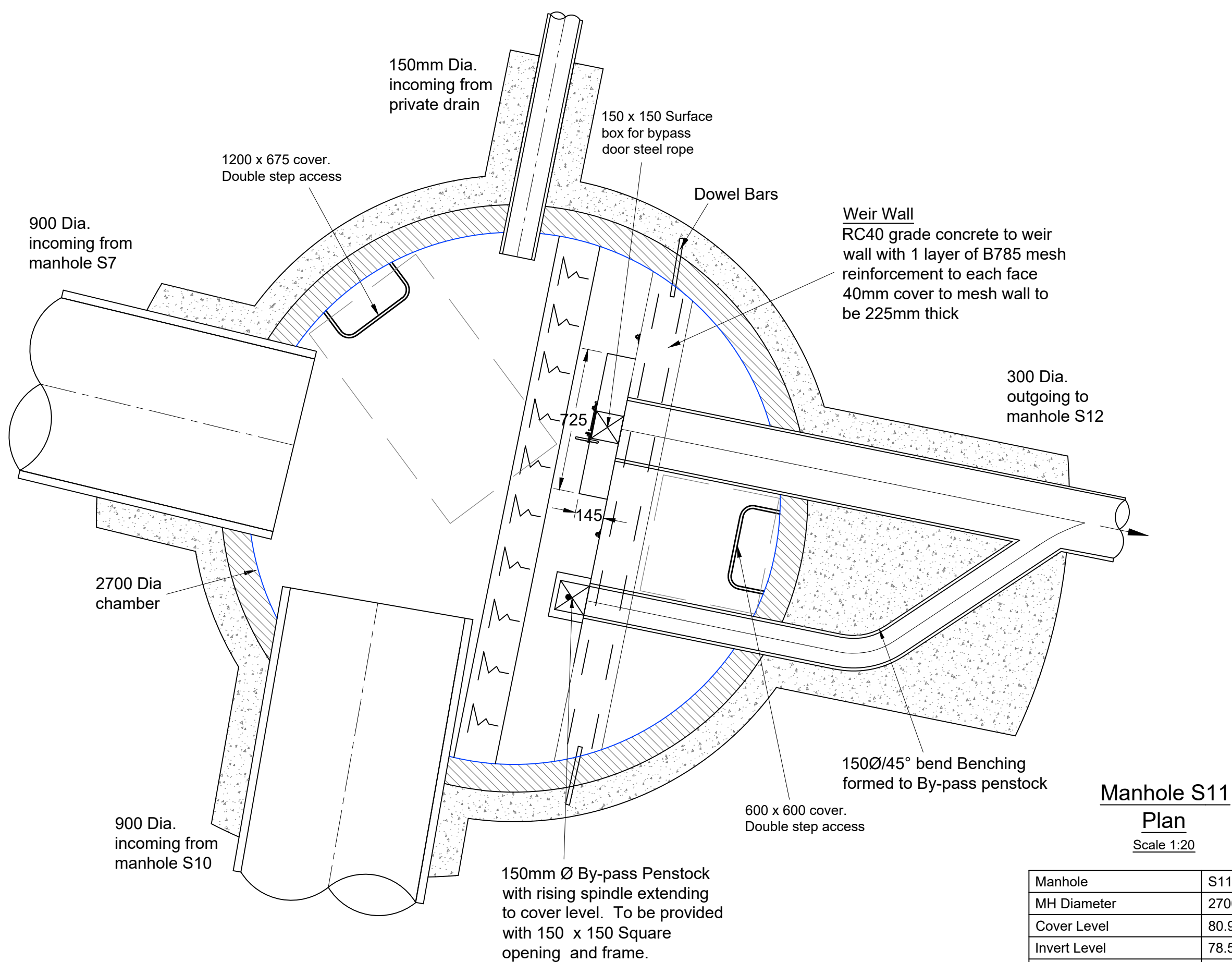


Notes

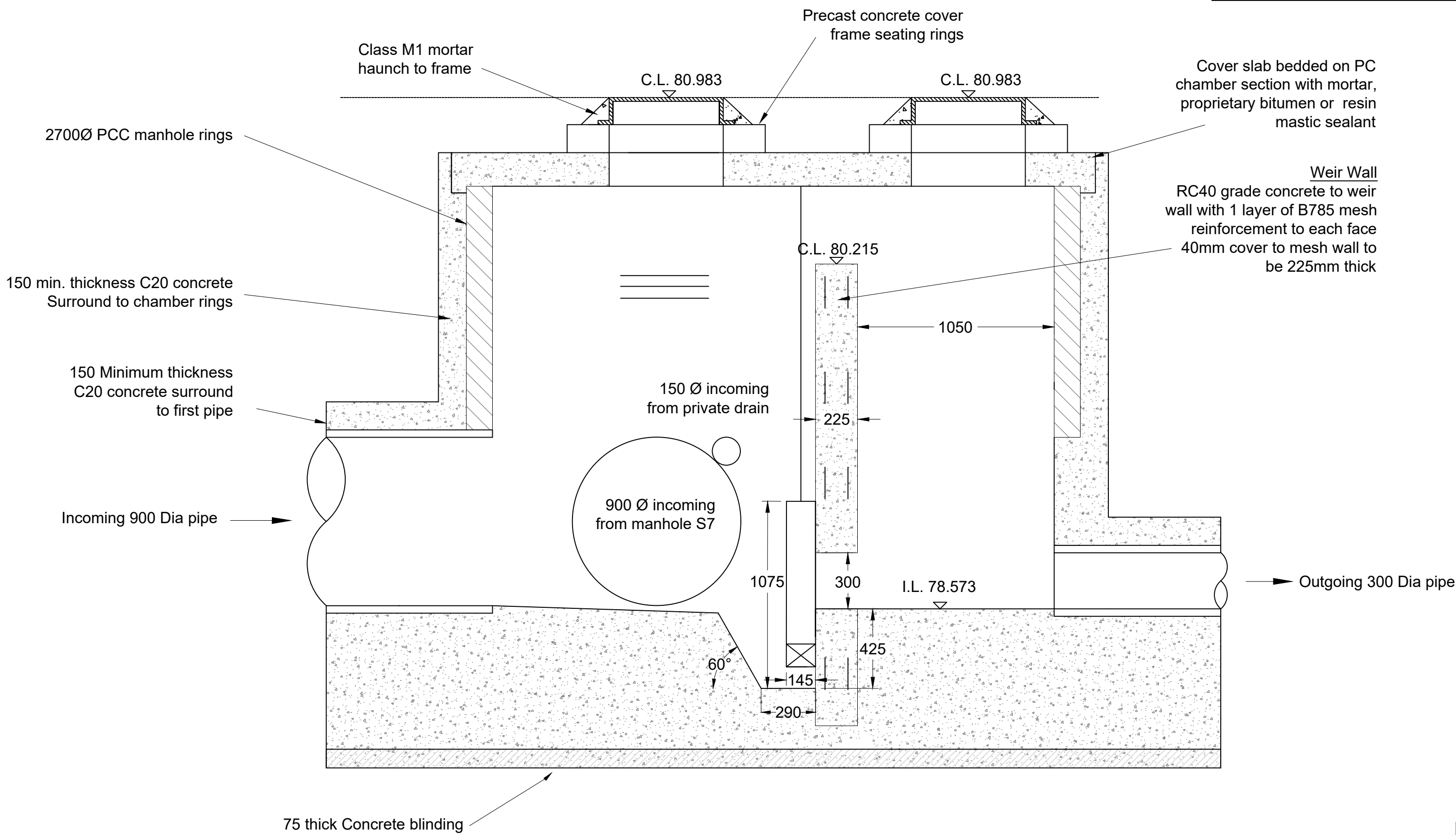
1. All dimensions are in millimetres unless shown otherwise.
2. All works shall be in accordance with Sewers for Adoption, 6th Edition and United Utilities Standard Guidelines/Details.
3. Step Rungs shall be installed in accordance to BS EN 13101.
4. Manholes shall be to United Utilities Standard Detail STND/01/001. Ladders, Safety chains and Hand railing shall be to Standard Detail STND/01/002. Back-drops shall be to Standard Detail STND/01/003.
5. The flow control unit shall be manufactured by Hydro International
6. The flow control units supplied shall pass a maximum flow of: 10 l/s at a design head of 1.6m
7. The flow control units supplied shall be fitted in accordance with the manufacturers instructions.
8. All lateral connections will be made at soffit level to the main channel.
9. Rocker pipes shall be provided in accordance with United Utilities Standard Details and referenced to variable features on STND/19/010.



Manhole S11
Plan
Scale 1:20

Manhole	S11
MH Diameter	2700mm
Cover Level	80.983
Invert Level	78.573
MH Type	Flow Control
Depth to Soffit	1.510
Depth to Invert/benching	2.410
Depth to Cut-Out Recess (SW storage MHs only)	N/A
Cover Size	1200 x 675mm
Cover Depth	150mm
Cover Spec.	D400
Ladder or Double Steps?	Double Step
Safety Chain	No
Safety Rails	No
Invert Access Steps	No
Hole Size in Cover Slab	1200 x 675mm

Hydro-Brake Optimum®
Control Fitted with Pivoting
Bypass Door:
SHE-0137-1000-1600-1000
Flow Restriction 10.0 l/s
Design Head 1.60m
Min sump depth 425mm



TYPICAL SECTION
Scale 1:20

APPROVAL

C	28.01.21	Updated to suit UU comments	LW	AJ
B	19.01.21	Updated to suit UU comments	PW	AJ
A	04.01.21	Updated to suit UU comments	LW	AJ
Rev.	Date	Revision	By	Appd.

coopers
chartered consulting engineers

Tel: 01244 684910
Fax: 01244 684911
Email: admin@coopers.co.uk
Web: http://coopers.co.uk

Park House
Sandpiper Court
Chester Business Park
Chester
CH4 9QU

Client

BRANLEY HOMES LTD

Project

White House Club, Middleton Road,
Manchester

Title

Flow Control Manhole Details
Sheet 2 of 2
S11

DRAWING NUMBER

7424 / 11-2

SCALE at A1 1:20

DATE	0709.20	REVISION
DRAWN	PW	C
CHECKED	AJ	