

DO NOT SCALE

Notes

- 1. All dimensions are in millimetres unless shown otherwise.
- 2. All works shall be in accordance with Design and Construction Guidance (DCG) Standards 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/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.
- 5. The flow control unit shall be manufactured by Hydro International
- 6. The flow control units supplied shall pass a maximum flow of:
72.50 l/s at a design head of 3.70m
- 7. The flow control units supplied shall be fitted in accordance with the manufacturers instructions.

Manhole	S260
MH Diameter	2700mm
Cover Level	19.289
Invert Level	15.999
MH Type	Flow Control
Depth to Soffit (375Ø)	2.915
Depth to Soffit (1800Ø)	1.490
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?	Double Steps
Safety Chain	No
Safety Rails	No
Invert Access Steps	No
Hole Size in Cover Slab	1220 x 685mm

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 (S260)
Sheet 6 of 7**

DRAWING NUMBER

7778 / 12-6

SCALE at A2 1:20

DATE

13.05.25

DRAWN

PJN

CHECKED

AJ

REVISION

-

TENDER

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

© Hydro-Brake Optimum Flow
Regulator Fitted with Pivoting
Bypass Door:
MD-SHE-0307-7250-3700-7250
Flow Restriction 72.50 l/s
Design Head 3.70 m
Min sump depth 770 mm

100 min. / 200 max. thickness
of benching concrete between
outside top surface of pipe and
chamber ring

Outgoing
375Ø Pipe to
MH S261

15.999

Outgoing Pipe

15.999

Incoming Pipe

15.999

Incoming

1800Ø Pipe

from MH S259

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