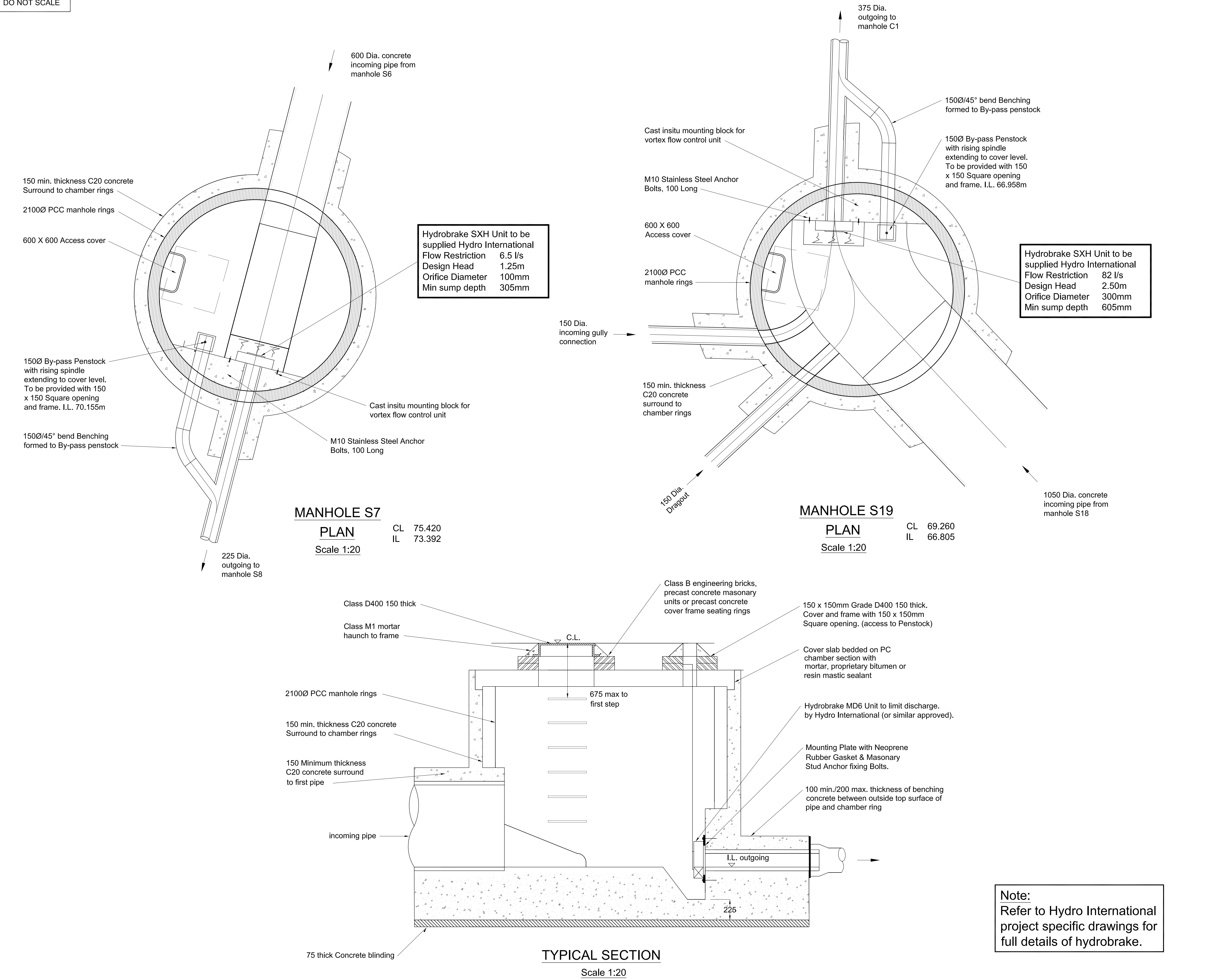




- Notes**
- All dimensions are in millimetres unless shown otherwise.
 - All works shall be in accordance with Sewers for Adoption, 6th Edition and United Utilities Standard Guidelines/Details.
 - Step Rungs shall be installed in accordance to BS EN 13101.
 - Manholes shall be to United Utilities Standard Detail STND/01/001. Ladders, Safety chains and Handrailing shall be to Standard Detail STND/01/002. Back-drops shall be to Standard Detail STND/01/003.
 - The flow control unit shall be manufactured by Hydro International.
 - The flow control units supplied shall pass a maximum flow of :
S9 45l/s at a design head of 3.35m
S19 82l/s at a design head of 2.55m
 - The flow control units supplied shall be fitted in accordance with the manufacturers instructions.

Coopers Drawing List:

5454/01	Proposed Drainage Layout
5454/02	Proposed Drainage Longsections
5454/03	Proposed Highway Setting Out
5454/04	Proposed Highway Layout
5454/05	Proposed Highway Levels
5454/06	Highway Construction Details
5454/07	S39 Agreement Layout
5454/08	Private Drainage Layout
5454/09	Drainage Construction Details
5454/10	Manhole Schedules
5454/11	External Works Layout
5454/12	Surface Water Manhole Details
5454/13	Foul Manhole Details
5454/14	Flow Control Manhole Details
5454/15	Surface Water Catchment Areas
5454/16	100yr Extreme Flood Routing Plan

APPROVAL

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

Park House
Sandpiper Court
Chester Business Park
Chester
CH4 9QU

Client **Miller Homes**
Miller Homes Limited - North West Region

Project **Primrose Mill, Woone Lane Clitheroe**

Title **Flow Control Manhole Details**

DRAWING NUMBER	SCALE at A1	1:20	REVISION
5454/14	DATE	July 2012	A
	DRAWN	AJ	
	CHECKED	DTC	

Note:
Refer to Hydro International project specific drawings for full details of hydrobrake.