SURFACE WATER CHAMBER SCHEDULE

Manhole No.	Cover Level (m) #	Invert Level (m)	Depth to Invert (m)	Main Channel Size (mm)	Chamber Type	Chamber Size (mm)	Cover Size (mm)	Min Cover Loading	Comments	Rev
S1	60.500	In 58.885 Out 58.805 In 58.885	1.695 + 450 sump	160	PPC	1200	600 x 600	D400	Catchpit chamber. Low flow channel outgoing through tank into S2	
S2	60.500	In 58.750 Out 58.750	1.750 + 450 sump	160	PPC	1200	600 x 600	D400	Catchpit chamber	
S3	61.150	Out 59.800	1.350	160	PPIC	600	600 x 600	D400		
S4	61.150	In 58.694 Out 58.694 In 59.726	2.456	160	PPC	1200	600 x 600	D400		
S5	61.100	In 58.582 Out 58.582	2.518	160	PPC	1200	600 x 600	D400		
S6	61.100	Out 59.750	1.350	160	PPIC	600	600 x 600	D400		
S7	61.100	In 58.424 Out 58.424 In 59.569	2.676 +450 sump	160	PPC	1200	600 x 600	D400	Flow control chamber	
S8	61.000	In 58.400 Out 58.400	2.600	160	PPC	1200	600 x 600	D400		
S9	60.400	In 58.279	2.121	160	PPC	1200	600 x 600	D400	Invert level dependant on existing public sewer levels - to be confirmed on site	

PPIC - Polypropylene Inspection Chamber
Branch connections of 160mm or less to discharge into main channel at half pipe height
cover levels are indicative
All surface water pipework to be structured wall PVC-U construction

Refer to drawing 382-LST-XX-XX-DR-D-0100 for location of chambers.

ATTENUATION TANK SCHEDULE

Ref.	Manufacturer & type	Overall length (m)	Width / diameter (m)	Height (mm)	Base of Tank level (m)	Pipe in/out size/invert (m)	Comments	Rev
ATTEN1	Polypipe Polystorm-R	12	4	2 No Crates 800mm	58.780	160/ 58.800 160/ 58.760	Min 95% void ratio Vent pipe to downstream chamber Minimum 45m^{3}of storage required for 1 in 100 + 45%	

Refer to drawing 382-LST-XX-XX-DR-D-0100 for location of attenuation tank and DR-D-0401 for details of surround and bedding
Attenuation tank to be installed in accordance with manufacturers instructions.

FLOW CONTROL SCHEDULE

Manhole ref	Type	Reference	Outlet Pipe (mm)	Flow Control (l/s)	Rev
S7	Hydro-brake Flow Control	CTL-SHE-0097-5000-1600-5000	160	5	

Refer to general arrangement drawing 382-LST-XX-XX-DR-D-0100 for location of flow control and detail on drawing 382-LST-XX-XX-DR-D-0400.

Notes

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2. This drawing is to be read in conjunction with all relevant surveys, structural engineering and architectural drawings.
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4. Refer to drawing 382-LST-XX-XX-DR-D-0100 for locations

Revision	Date	Description	Drawn	Apprvd.
P01	27.04.26	Issued for Approval	AW	LS

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Client: Wythenshawe Community Housing Group

Project: Greenbrow Road Wythenshawe

Drg Title: Proposed Surface Water Drainage Schedules

Created on	Created by	Approved by
09.03.26	AW	LS

Scale	Size	Workstage
1:100	A1	Stage 4

LandStudio

Drg No.	Suitability	Revision
382-LST-XX-XX-DR-D-0200	S4	P01

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