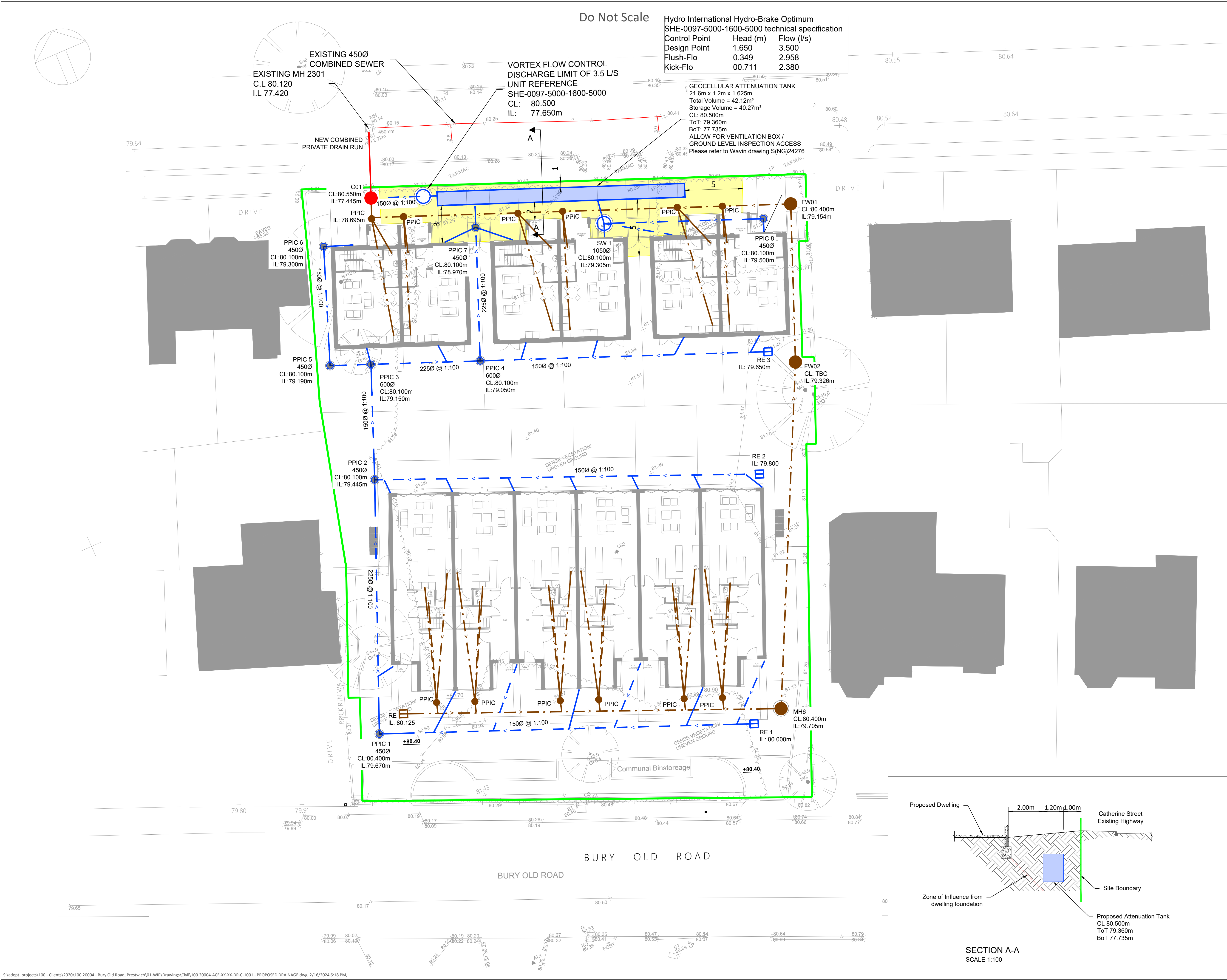




Do Not Scale

Hydro International Hydro-Brake Optimum		
SHE-0097-5000-1600-5000 technical specification		
Control Point	Head (m)	Flow (l/s)
Design Point	1.650	3.500
Flush-Flo	0.349	2.958
Kick-Flo	00.711	2.380

VORTEX FLOW CONTROL
DISCHARGE LIMIT OF 3.5 L/S
UNIT REFERENCE
SHE-0097-5000-1600-5000
CL: 80.500
IL: 77.650m

GEOCELLULAR ATTENUATION TANK
21.6m x 1.2m x 1.625m
Total Volume = 42.12m³
Storage Volume = 40.27m³
CL: 80.500m
ToT: 79.360m
BoT: 77.735m
ALLOW FOR VENTILATION BOX /
GROUND LEVEL INSPECTION ACCESS
Please refer to Wavin drawing S(NG)24276

DESIGN REVIEW

Design review by:	**	Checked by:	**
-------------------	----	-------------	----

Residual hazards:

- Refer to risks noted on drawing

Health, Safety & Environmental Notes

LEGEND

PROPOSED STORM WATER SEWER & MANHOLE

PROPOSED FOUL WATER SEWER & MANHOLE

PROPOSED COMBINED SEWER & MANHOLE

EXISTING COMBINED SEWER

PROPOSED PPIC

RODDING EYE

PROPOSED ATTENUATION TANK

PROPOSED EASEMENT

SITE BOUNDARY

NOTES

- The proposed foul and SW networks to remain private and be maintained privately under contract in the future
- It is assumed at this stage infiltration is not viable due to proximity of other buildings
- There are no watercourses in the vicinity of the site.
- It is proposed to restrict surface water discharge from the site to 3.5 l/s for storm events upto the 1 in 100 year storm event with 40% climate change allowance.
- Discharge rates and location to be agreed with local council and United Utilities; it is proposed that surface water discharge to the combined sewer to the north of the site.
- Proposed levels shown indicatively, to be determined by architect
- Further survey required to determine existing drainage networks on site for suitability of re-use.
- Drainage channels and gullies for driveways/ hardstanding areas not currently shown. Run off from hardstanding areas to discharge to new private surface water drainage network and be attenuated prior to discharge off site.

16.02.24	Updated following LLFA comments	JBW	NB	P06
02.11.23	Revised Tank Size	JBW	NB	P05
15.03.23	Updated Drainage Layout	JBW	JS	P04
12.09.22	Attenuation Tank Size Updated	JBW	JS	P03
26.08.22	Drainage Layout Updated	JBW	NB	P02
15.05.20	Initial Issue	BA	NB	P1

Date	Description	By	Chk	Rev

CIVIL AND STRUCTURAL CONSULTING ENGINEERS

Web: www.adeptcsce.com

Email: inbox@adeptcsce.com

Tel: 0113 239 4518 (Leeds)

Tel: 0161 974 3620 (Manchester)

Originating Office

Project

BURY OLD ROAD
MANCHESTER

Title

PROPOSED DRAINAGE
PLAN

Client

MAYFAIR & CO
DEVELOPERS

Scale @ A1	Initial author	Initial checker	Approver	Initial Date
1:150	BA	NB	NB	13.05.2020

Status	S4	Purpose	Preliminary
--------	----	---------	-------------

Project Number	Originator	Volume	Level	Type	Role	Drig. No.	Rev.
100.20004-ACE-XX-XX-DR-C-1001							P06

