DO NOT SCALE

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SCALE BAR (m) 0 1 2 4 6 8 10 15 20

NORTH

S11 (2.7 Dia Flow control manhole)
Hydrobrake Optimum
(by Hydro International)
MD-SHE-0137-1000-1600-1000
CL: 80.983
IL: 78.573
Design: 10 l/s @ 1.60m design head
Weir Wall IL= 80.215

Future Development (Phase 3)

Constructed (Phase 1)

FFL 80.70
FFL 80.80
FFL 80.95
FFL 80.95
FFL 81.05
FFL 81.20
FFL 80.85
FFL 81.10
FFL 81.15
FFL 81.60
FFL 81.25
FFL 81.25
FFL 81.55
FFL 81.85
FFL 82.10
FFL 82.20
FFL 81.20
FFL 81.70
FFL 81.65
FFL 81.70
FFL 82.15
FFL 82.15
FFL 82.10
FFL 82.25
FFL 82.55
FFL 82.45
FFL 78.15
FFL 76.70
FFL 76.50

MH 5001
MH 5002
Dia. 225

MH3
CL: 75.97
IL: 72.82

Apartment car parking to drain through Macro pervious paving system providing at source storage/filtering of oil and suspended solids before entering pipe network.

Club house car parking to drain through Macro pervious paving system providing at source storage/filtering of oil and suspended solids before entering pipe network.

Connection to 300dia public combined sewer. Subject to UU Approval
IL=71.925

S20 (2.4 Dia Flow control manhole)
Hydrobrake Optimum
(by Hydro International)
MD-SHE-0146-1500-3000-1500
CL: 76.457
IL: 72.287
Design: 15 l/s @ 3.00m design head

Drag out to run under ground beam

MH2
CL: 76.03
IL: 74.01

MH1
CL: 76.17
IL: 74.57

MH4
CL: 76.17
IL: 74.57

MH5
CL: 76.28
IL: 75.08

SW
CL: 76.67
IL: 74.77

MH 4907
CL: 78.02
IL: 75.77

MH 4908
CL: 78.02
IL: 75.37

'StormMaster' attenuation tank providing storage for a 100yr + 40% CC storm event (114cu.m.)
Base Level = 74.300
100m² x 1.2m deep

MH
CL: 76.75
IL: 74.71

MH
CL: 78.06
IL: 74.28

MH 5900
CL: 77.77
IL: 74.12

MH 5000A
CL: 76.
IL: 71.9

Middleton Road

B.D.74.01

C1
C2

Tarnside House

Legend

- Private Surface Water Drain (225Ø IC, 450Ø IC, 450Ø Lateral MH)
- Private Foul Drain
- SVP
- BIG
- RWP
- Rodding Eye
- Linear Drainage Channel
- Fin Drain
- Private Road Gully
- FFL 67.80 — Plot Slab Level
- 100yr Attenuation
- Macro Pervious Paving
- ACO Kerb Detail

Notes

1. All SVP and RWP connections are indicative and shall be confirmed by architect.
2. Pipe gradients out of the building to connecting manhole to be laid at 1:40 in accordance with Building Regulations, Part H, Table 6.
3. Where pipe sizes are not indicated 100Ø to be used for surface and foul unless stated otherwise.
4. Minimum surface water gradients shall be:
   100Ø laid at 1:100
   150Ø laid at 1:150
5. Minimum 100Ø foul drainage gradient to be 1:80 with the exception of the first connection which shall be maximum 1:40.
6. Manhole covers to be marked FWS or SW as appropriate.
7. All manhole covers and frames shall comply with BS EN124. Covers in roads to be grade D400 and be 150mm deep. Manhole covers in car parking areas and drives to be grade B125 and covers in landscaping ares to be grade A15. All to be sized in accordance with Building Regulations Part H, Tables 11 & 12.
8. Precast concrete rings to be reinforced.
9. Backdrops in private manholes / inspection chambers to be internal
10. Private drains laid under adopted / private roads to be Class S granular bed and surround with a minimum of 1.2m cover, where this cannot be achieved a Class Z concrete bed and surround shall be provided.
11. Private drains located under landscape areas or driveways / car parking bays to be Class F granular bed and surround with a minimum 0.6m cover, where this cannot be achieved a Class Z concrete bed and surround shall be provided.
12. All Lateral Manholes to be 1050Ø Precast concrete rings

Rev.	Date	Revision	By	Appd.
E	22.01.26	Revised to As-Built	OB	AJ
D	28.03.22	Private drainage updated to avoid service duct	LW	AJ
C	16.02.22	Updated to sho drainage for Whitehouse Club	PW	AJ
B	29.06.21	Updated to suit revised design	PW	AJ
A	09.06.21	Updated to suit updated layout and levels	PW	AJ

AS-BUILT

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Email: admin@coopers.co.uk
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Client
BRANLEY HOMES LTD

Project
White House Club, Middleton Road, Manchester

Title
Private Drainage Layout Phase 2

DRAWING NUMBER
7424 / 07

SCALE at A0	1:250	REVISION
DATE	JAN 20	E
DRAWN	LW	
CHECKED	AJ	