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NORTH

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

Future Residential Phase 3

Phase 2

FFL 78.15

Phase 1

FFL 76.70

Private combined sewer assumed to discharge into combined public sewer on Whitehouse Avenue. To be abandoned.

New manhole constructed on line of existing combined sewer. Point of connection subject to UU S104 approval.

Counthill Drive

Middleton Road

ROAD 1

Tarnside House

195

24

20

31

35

S1 81.887 · S2 81.852 · S3 81.230 · S4 80.791 · S5 81.011 · S6 80.817 · S7 80.637 · S8 82.019 · S9 81.572 · S10 81.165 · S11 80.983 · S12 80.184 · S13 79.820 · S14 79.568 · S15 78.782 · S16 77.726 · S17 76.356 · S18 75.565 · S19 76.132 · S20 76.457

F1 81.915 · F2 81.638 · F3 81.389 · F4 80.938 · F5 80.842 · F6 80.922 · F7 82.037 · F8 81.481 · F9 81.046 · F10 81.031 · F11 80.196 · F12 79.805 · F13 79.239 · F14 78.705 · F15 77.496 · F16 76.181 · F17 75.997 · F18 76.139 · F19 76.427

MH 5001 · MH 5002 · MH3 CL: 75.97 IL: 72.82 · MH2 CL: 76.00 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 · 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: 76.72 IL: 71.90 · C1 76.580 · C2 76.650

Dia. 225 · Dia. 300 · Dia. 525 · BD 74.01

Notes

1. Setting out shall be undertaken using only the information given. Distances should not be scalled from this drawing.
2. All sewers shall be constructed in accordance with Sewers for Adoption 6th Edition and United Utilities Details & Guidelines.
3. The minimum gravity pipe diameter under adoptable highways shall be 150mm
4. It is the responsibility of the Contractor to verify all information given with regards to existing services and drainage connections etc. prior to commencing the works. The rates shall include for hand dig around services where necessary. The Contractor shall adhere to the CDM Regulations at all times
5. The outsides of all sewers shall be a minimum of 1.0m from kerb lines and the outside of manholes shall be a minimum of 0.5m from kerb lines
6. Existing flows in watercourses, sewers and land drains shall be maintained at all times
7. Only trained personnel shall be permitted to enter confined spaces
8. All materials to bear the relevant B.S. Kitemark and comply fully with the specifications. All concrete & concrete products must use Sulphate resistant cement to withstand Class 3 condition (unless the site investigation report proves that sulphate attack from soils and groundwater will not occur).
9. All opening notices etc. as required under Highways Acts etc. are to be obtained prior to commencement of works. All works are to be inspected by L.A., NHBC or the Network Operator as applicable.
10. Where "Ultra Rib" UPVC pipes (or similar approved) are used in adoptable drainage they shall be handled and laid in accordance with the manufacturers instructions and will be subject to post installation deformation testing prior to adoption.
    A Class S Bed and Surround must be used for "Ultra Rib" pipes
11. Trench backfill in highways to within 1m of highway shall, as directed by the Highway Authority be a suitable granular material all in accordance with Sewers for Adoption.
12. Slab levels shall not be varied without reference to the Engineer for guidance.
13. Pipes have not been designed to accommodate construction traffic loading. The contractor is responsible for providing adequate protection to the pipes during construction.
14. Environment Agency consent will be obtained before any work is undertaken in, over or near any existing watercourses and land drains.

ROAD 1

Layout Plan

Legend

- Site Boundary (Phase 1)
- Site Boundary (Phase 2)

Existing

- Existing Foul Sewer
- Existing Surface Water Sewer
- Exisitng Private Combined Sewer (to be abandoned)

Proposed

- F01 — Adoptable Foul Sewer
- C01 — Adoptable Combined Sewer
- S01 — Adoptable Surface Water Sewer
- Flow Control Manhole
- FFL 0.00 — Proposed Slab Levels
- Highway Gully
- F01 — Adoptable Foul Sewer (Phase 3)
- S01 — Adoptable Surface Water Sewer (Phase 3)

Rev.	Date	Revision	By	Appd.
G	19.06.26	Drainage revised to As-Built levels	OB	AJ
F	06.06.24	S12-S15 pipes changed to PVC-U	PJN	AJ
E	29.05.24	F11-F15 & S12-S15 added to Agreement	PJN	AJ
D	13.10.23	Updated to suit UU comments	AJ	AJ
C	08.12.23	S15 added	AJ	AJ
B	10.10.23	Phase 1 As-Built	PW	AJ
A	22.09.23	Phase 2 layout added	PW	AJ

AS-BUILT

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Client: BRANLEY HOMES LTD

Project: White House Club, Middleton Road, Manchester

Title: Propsoed Drainage Layout Phases 1 and 2

DRAWING NUMBER	SCALE at A0	1:250	
7424 / P1 / 01	DATE	DEC 22	REVISION
	DRAWN	PW	G
	CHECKED	AJ	