



Station	Easting	Northing	Level
S1	436663.521	406692.949	63.862
S2	436650.528	406712.205	64.243
S3	436678.830	406731.761	64.932
S4	436622.528	406744.303	65.920
S5	436690.811	406729.769	64.775
S6	436701.938	406728.043	64.240
S7	436722.018	406726.713	63.015
S4A	436622.309	406727.277	64.561
S6A	436704.538	406699.993	63.376
X1	436763.477	406744.268	60.516

GENERAL:-

All below ground drainage in 100mm diameter plastic pipework laid to falls of not less than 1 in 80 (PW) or 1 in 80 (SW) except main run between F7 and F19 to G1 outfall in 150mm dia pipework. Drainage to be bed and surround in 150mm free-flowing gravel followed by suitable selected as dug material or surround in 150mm concrete then selected as dug material in traffic areas where cover to crown of pipe is less than 900mm. All gullies to be access gullies for maintenance and cleaning purposes. Provisional drainage levels scheduled below subject to verification on site.

Inspection chambers generally upto 1.1m deep to be constructed in proprietary polypropylene inspection chambers with ductile iron covers and frames and concrete surround, if req'd, to suit potential loadings. Any inspection chambers over 1.1m deep to be constructed in 215mm class B eng brickwork off 150mm concrete base with heavy duty ductile iron cover and frame.

Any drainage passing under building within 300mm of soffit of any floor slab to be encased in concrete with movement joints at each pipe junction. Drains passing through walls, foundations etc., to be lintelled over and opening around pipes to be sealed with inert material to prevent ingress of fill or vermin.

Any drainage within 1.0m of buildings where below foundation level to be back filled with concrete up to the level of the foundation.

All surface water drains to run above foul.

Foul water from dwellings to be collected by new drainage system shown and discharge to existing foul water outfall as per original dwelling off-site.

Surface water from Dwellings to be collected by drainage system shown and discharge to soakways (SA) at positions indicated and comprising at least 1m³ clean rubble below incoming pipe invert in excavation pit lined with geotextile prior to filling and covering with matching material prior to completing backfilling with selected as-dug material. Surface Water from Access to Highway Soakways (HSA) via road gullies to 1.2m dia perforated conc ring soakways with HD ductile iron covers and frames giving min 1.5M³ capacity below incoming pipe inverts. Soakways subject to ground porosity test to BRE 365 and any ABC requirements.

DRAINAGE SCHEDULE:		
Position	Cover	Invert
F0	65.15	64.55
F1	64.80	63.80
F2	64.70	63.70
F3	64.00	63.40
F4	64.00	63.40
F5	64.00	63.28
F6	64.05	63.20
F7	64.10	63.15
F8	64.10	63.08
F9	64.10	63.00
F10	64.00	63.20
F11	64.00	63.08
F12	64.00	63.01
F13	64.10	62.88
F14	64.10	62.81
F15	64.00	62.86
F16	64.00	62.84
F17	64.00	62.77
F18	64.00	62.67
F19	64.10	62.60
S1	64.80	64.20
S2	64.80	64.00
S3	64.10	63.50
S4	64.10	63.44
S5	67.00	63.31
S6	64.10	63.50
S7	64.10	63.45
S8	64.00	63.30
S9	64.10	63.50
S10	64.00	63.44
S11	64.00	63.30
S12	64.00	63.40
S13	64.00	63.25

Revision	Date	Description

**PROPOSED RESIDENTIAL DEVELOPMENT,
52 ROTHERHAM ROAD, MONK BRETTON,
BARNSELY, S71 5YQ.**

**DESIGN PROPOSALS 5
DRAINAGE LAYOUT.**

Mr J Mayes.

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Scale: 1:200@A1 Date: JAN 2023
Ref: 202212 Drwg No: 06

Haycock+Todd
Land Survey Consultants Architectural Surveyors

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Site Survey

**52 Rotherham Road
Monk Bretton
BARNSELY**

Sheet 1 of 1	Surveyed by PF
Datum	Drawn by PF
GRID: Related to Ordnance Survey using One Point Localisation on Station X1. Orientation at OS Grid North.	Date of Survey October 2022
LEVEL: Related to Ordnance Survey by connection to the OS Active Network by G.P.S	Scale 1/200
LEGEND	Survey Job No. S10407
Manhole shown thus Inspection Cover Gully Lamp Post Telegraph Post Electricity Poles Road Traffic Signs Telecom Box British Telecom Post Office Telephones Fire Hydrant Safety Valve Stop top Water Stopcock Gas Unknown Service	Rockery Spot Level Kerb Line Fence Line Hedge Line Contours 1m interval Contours 0.5m interval Tree Spread Grith Invert Level Foul Drain Surface Water Survey Station