Note:
Manholes S1 and F3 form the limit of the adopted drainage under S104 Agreement.

Proposed S.W. connection to Existing UU Manhole 5501.

Existing 150mmØ connection to be investigated and diverted into F1 if required.

Proposed Site access to be the subject of a S278 Agreement with Liverpool C.C.

Proposed Site Access road to remain private.

NOTES

1. Setting out shall be undertaken using only the information given. Distances should not be scaled from this drawing.
2. 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
3. Existing flows in watercourses, sewers and land drains shall be maintained at all times
4. Only trained personnel shall be permitted to enter confined spaces, with adequate PPE.
5. All materials to bear the relevant B.S. Kitemark and comply fully with the specifications. All concrete & concrete products must use Sulphate resistant cement (unless the site investigation report proves that sulphate attack from soils and groundwater will not occur to withstand a class 3 condition).
6. 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.
7. Pipes for Private/Domestic drainage shall be:-
   UPVC Pipes - BS4660 and BSEN1401
   Clay Pipes - Extra Strength to BSEN295 and BS65
   Concrete Pipes - Class H to BS591
8. Private/Domestic drainage shall be constructed in accordance with the Typical Drainage Details. A Class S Bed and Surround must be used for UPVC Pipes, Clay and Concrete Pipes may use a Class B Bed.
9. Slab levels shall not be varied without reference to the Engineer for guidance
10. Domestic Drainage shall be to Building Regulations Approved Document H. 100mm U.P.V.C. pipes laid to the following minimum falls unless otherwise shown.

	Foul	S.W.
Head Run	1 in 40	1 in 60
Elsewhere	1 in 80	1 in 100

KEY

S.W. / Foul
- Proposed sewer
- 1200mm dia I.C
- Non entry - For depth up to 1.2m min access opening 430mmØ or 430mm x 430mm. For depth greater than 1.2m upto 3m max access opening 350mmØ or 350mm x 350mm.
- Non entry - Max Access Opening 350mmØ or 350mm x 350mm Min Internal Dims 190mm dia or 225mm x 100mm UPVC I.C. Max depth 0.6m cover to soffit

50.15 Proposed Plot Level

MH Existing S.W. sewer

S.V.P.

B.I.G.

R.W.P.

Rodding Eye

G Proposed highway gully

43.270 Proposed level

North Point

Quality Ass.
UKAS 005
Quality Assurance
ISO 9001:2008
SGS Certificate GB02/54539

Original Size A1

Project: Acrefield Road Woolton

Client: Macbryde Homes

Title: Domestic Drainage Layout

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Drawn: NB | Checked By: SRG
Date: Sep 15 | Scale: 1:200

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