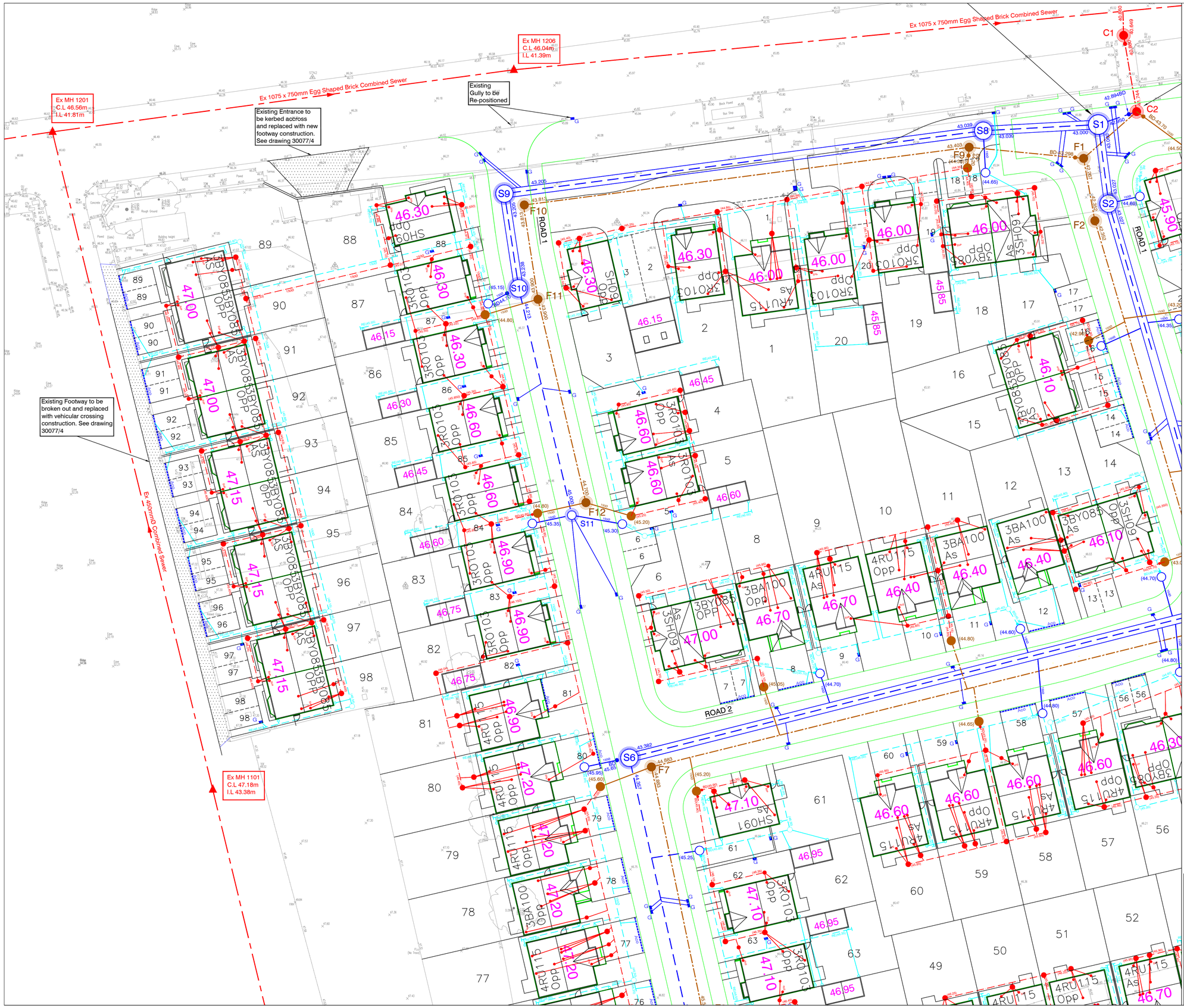

NOTES

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
46.60		Proposed Plot Level
MH		Existing Foul sewer
MH		Existing S.W. sewer
		Direct Foul Connection Point
SVP		S.V.P.
		R.W.P.
G		Proposed Yard Gully (225mm dia, 585mm deep or similar approved)
RE		Rodding Eye
ACO		ACO Drain or similar approved.

REVISIONS

REV.	DATE	INT.	DETAILS
A	010715	DAP	Amended to latest Arch layout/ Drainage Design

North Point

Quality Ass.

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

Project
Newsham Gardens
Prescot Road, Liverpool

Client
Bellway Homes Limited
North West Division

Title
Domestic Drainage Layout
Sheet 2 of 3

IronsideFarrar
EnvironmentalConsultants
EnvironmentalPlanners
CivilEngineers
LandscapeArchitects
GraphicDesign
3 Worsley Court MANCHESTER M28 3NJ
Tel. 0161 703 8801 Fax. 0161 703 8279
manchester@ironsidefarrar.com
EDINBURGH BELLSHILL

Original Size: A1

Copyright Acknowledgement
Ordnace Survey©
©Crown Copyright.
All rights reserved.
Licence No. AL100017966.

Drawn	Checked By
ME	SAP
Date	Scale
APR 2015	1:250

Drawing No. 30077/9/2

Revision A