KEY

S.W.	Foul	
—O—	—●—	Proposed sewer
—o—	—•—	1200mm dia I.C
13.50		Proposed Plot Level
		Existing Foul sewer
		Existing S.W. sewer
		Proposed highway gully
		Proposed level
29.35		Existing Level
		Tactile Paving & Dropped Kerb
		Soakaway - refer to dwg.no 3887-13 for details
		Sewer Easement
		Porous Surfacing

NOTES

1. Setting out shall be undertaken using only the information given. Distances should not be scaled 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 (unless the site investigation report proves that sulphate attack from soils and groundwater will not occur to withstand a class 3 condition).
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 still be handled and laid in accordance with the specification and guidance issued by the High Performance Pipe Association.
11. A Class S Bed and surround must be used for such pipes. 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 cl. 4.3.4.
12. Slab levels shall not be varied without reference to the Engineer for guidance

320120273P

REVISIONS

REV.	DATE	INT.	DETAILS
A	Nov 11	JCM	Drag-out I.L's amended to suit domestic drainage
B	061211	JCM	easement amended and Plots 87-91 FFL amended.
C	081211	JCM	Soakaway details added.
D	040112	JCM	2m verge amended to 2m footpath to suit LCC comments.

North Point

Project: Barrow Bridge Clitheroe Phase 2

Client: Rowland Homes

Title: Highways & Drainage Layout

PRELIMINARY

IronsideFarrar
Environmental Consultants
Environmental Planners
Civil Engineers
Landscape Architects
Graphic Design
3 Worsley Court MANCHESTER M28 3NJ
Tel. 0161 703 8801 Fax. 0161 703 8279
manchester@ironsidefarrar.com
EDINBURGH BELLSHILL

Quality Ass.

Original Size	Copyright Acknowledgement	Drawn	Checked By	Drawing No.	Revision
A1	©Crown Copyright. All rights reserved. Licence No. AL1000117966.	JCM	SRG	3887/1	D
		Date: Nov 11	Scale: 1:500		