Flow control to limit discharge to a maximum of 8 l/sec for all storm events

CPM 1
Control chamber
CL4.750
IL2.878(300)
IL2.928(225)

SW2
CL4.640
IL3.506(225)

SW2A
CL4.546
IL3.558(225)

F5
CL4.708
IL2.911(150)

F4
CL4.23
IL2.731(150)

SWS26
CL4.229
IL2.796(300)

ExSMH 7954
CL4.250
IL2.590(450)
IL2.740(300)
IL2.815(225)

SWS27
CL4.210
IL2.540(450)

F3
CL4.210
IL2.527(150)

ExSMH 7952
CL4.150
IL2.400(450)

ExSMH 7056
CL4.470
IL3.130(150)

ExFMH 7007
CL4.500
IL2.200(225)

ExSMH 7951
CL4.070
IL2.290(450)

ExSMH 7051
CL4.190
IL2.660(150)

ExFMH 8003
CL4.100
IL1.930(225)

Existing Storm Water Manhole to be reconstructed to adoptable standards

F1
CL3.730
IL1.850(225)
IL1.930(150)

SWS28
CL3.850
IL2.360(450)

F2
CL3.730
IL2.046(150)

ExSMH 8051
CL3.730
IL2.650(150)
IL2.200(600)
IL2.350(450)

ExFMH 8006
CL3.720
IL1.800(225)

NEWBARN LANE

Road 1

ACO LINEAR CHANNEL

27.1m DN150 FWS 1:150 V.C.

8.9m DN225 SWS 1:170 V.C.

8.6m DN300 SWS 1:250 V.C.

30.7m DN150 FWS 1:150 V.C.

16.1m DN450 SWS 1:400 CONC

71.1m DN450 SWS 1:400 CONC

72.2m DN150 FWS 1:150 V.C.

DN300 SWS TO BE ABANDONED

DN225 SWS

DN225 FWS

DN150 SWS

DN450 SWS

DN150 FWS

DN600 SWS

NOTES:

1. Do not scale from this drawing.
2. All dimensions in metres and all levels relate to Ordnance Datum.
3. This drawing is to be read in conjunction with all other engineering drawings. Any discrepancies shall be reported to MJA Consulting Engineer's.
4. The level and location of all existing services shall be verified on site by the Contractor before commencing any construction work.
5. All section 104 work shall be in accordance with the document 'Sewers for Adoption' 6th Edition as published by WRc plc together with relevant Water Authority requirements.
6. All adoptable works to be checked by the Water Authority Inspector.
7. All adoptable pipework up to DN225 shall be Extra Strength Vitrified Clay, DN300 or above shall be concrete. All adoptable pipes to be Strength Class 120. If the contractor wishes to use structural wall plastic pipe, then approval must be gained from the Adopting Water Authority.
8. Sewers and drains of different diameters should be laid soffit to soffit unless otherwise specified.
9. All covers and frames shall be 150mm deep to BS.EN.124.
10. Contractor must comply with all current legislation relating to CDM, Health and Safety and COSHH.

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KEY:

Proposed Adoptable Sewers:

Proposed Storm sewer

Sewer to be abandoned

Existing Sewer

Fall Arrows

Existing Levels 47.00

Site Boundary

PRELIMINARY - FOR APPROVAL

REV. No.	DATE	DESCRIPTION	INITIALS

Client: Linden HOMES

Project: New Barn lane
North Bersted

Title: S185
Sewer Diversion Plan

MJA CONSULTING
CIVIL AND STRUCTURAL ENGINEERS
Monarch House, Barton Lane,
Abingdon, Oxon, OX14 3NB
Tel: 01235 555173
Fax: 01235 523226

Scale	Date	Drawing No.	Rev
1:200@A1	Oct'18	LHS232–10506	—
Checked KTG	Drawn JRV		

ARUN DISTRICT COUNCIL REF/211/18/DOC