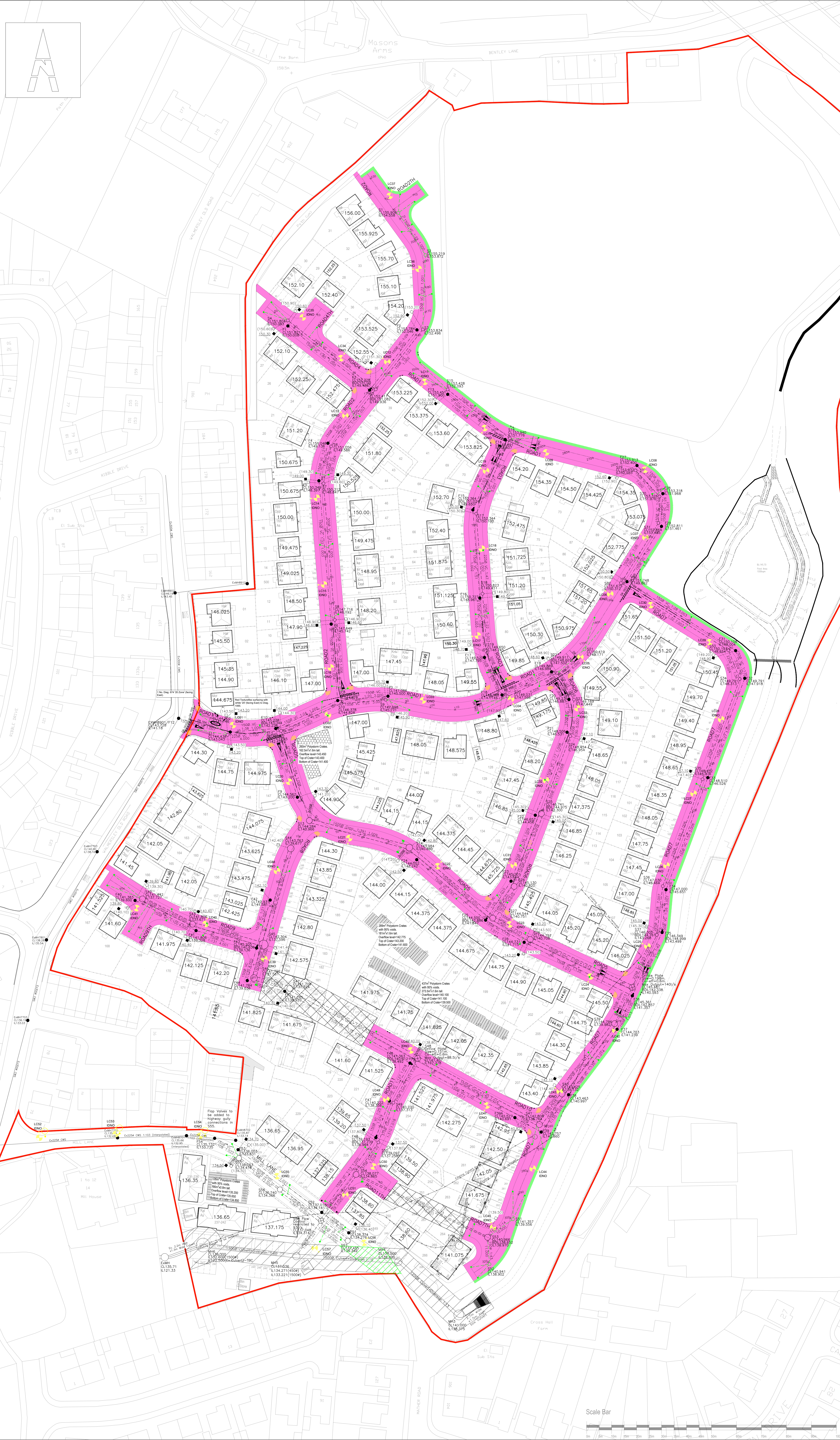




WARNING TO HOUSE-PURCHASERS
Property Information Act 1991
Buyers are warned that this is a working drawing and is not intended to be treated as descriptive material describing, in relation to any particular property or development, any of the specific matters prescribed by any Order made under the above Act. The contents of this drawing may be subject to change at any time and alterations and variations may occur during the progress of the work without revision of the drawing. Consequently the layout, form, content and dimensions of the finished construction may differ materially from those shown. Nor do the contents of this drawing constitute a contract, part of any contract or warranty.

LIGHTING APPARATUS LEGEND

Lighting Column: Proposed galvanneal tubular steel lighting column of 6.0 metre nominal height with a planted base as supplied by Mallette to Bury Metropolitan Council Street Lighting Specification.
Manufacturer Reference: 0106MDPT
Luminaire: Proposed post top mounted Philips DigiStreet luminaire
Manufacturer Ref: BGP780 20LED DW50
Lumen Output: 6,000lm
Colour Temperature: Neutral White
Luminaire Tilt Inclination: 0°
Control Gear: DALI enabled driver
Control Type: Philips CityTouch node 35lux (10.5 ratio)
Dimming Profile: SEE SCHEDULE
Supply: IDNO
Primary Isolator: IDNO Approved Double Pole
Secondary Isolator: N/A
Internal Wiring: Wiring to luminaire shall be 1.5mm² PVC insulated flexible cable
Door Orientation: Side Road - Facing road

Lighting Column: Existing lighting column to be replaced.

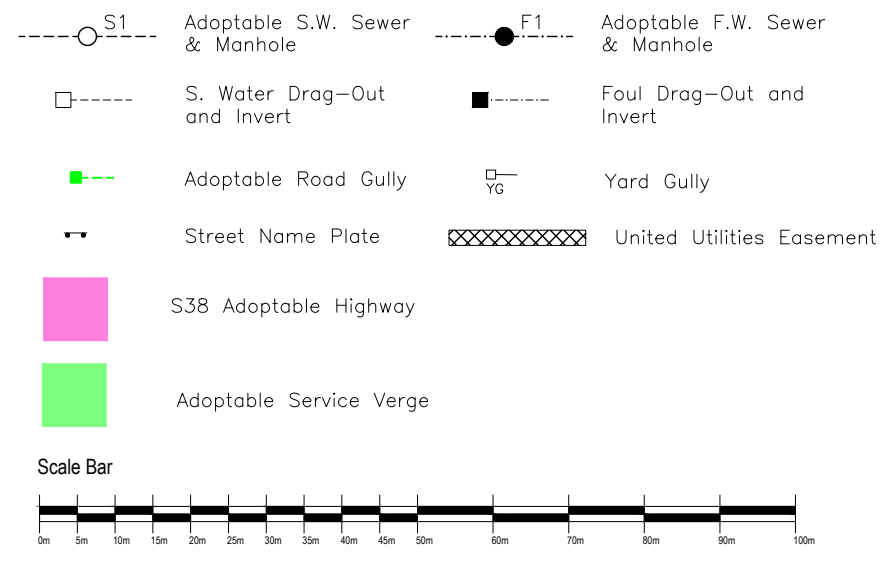
Manufacturer Reference: N/A
Luminaire: N/A
Manufacturer Ref: N/A
Lumen Output: N/A
Colour Temperature: N/A
Luminaire Tilt Inclination: N/A
Control Gear: N/A
Control Type: N/A
Dimming Profile: N/A
Supply: DNO
Primary Isolator: IDNO Approved Double Pole
Secondary Isolator: N/A
Internal Wiring: Wiring to luminaire shall be 1.5mm² PVC insulated flexible cable
Door Orientation: Side Road - Facing road

- NOTES.**
1. THIS DESIGN HAS BEEN PREPARED IN ACCORDANCE WITH THE CDM REGULATIONS 2015 REGULATION 9.
 2. NO ACCOUNT IS TAKEN FOR THE BLOCKING EFFECT CAUSED BY BUILDINGS, TREES ETC.
 3. THE CALCULATION SHOWN BY THIS DRAWING ASSUMES THAT THE WHOLE AREA BEING CONSIDERED IS IN THE SAME PLANE, I.E. THERE ARE NO CHANGES IN GRADIENT OR ELEVATION.
 4. ALL NEW UNITS TO HAVE INDIVIDUAL DNO SERVICE CONNECTIONS WITH DOUBLE POLE CUT OUTS.
 5. ALL EQUIPMENT TO BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH BURY COUNCIL SPECIFICATION.
 6. ALL COLUMN POSITIONS TO BE AGREED WITH SITE ENGINEER.
 7. UNIT REFERENCES FOR INSTALLATION USE ONLY.

- ENGINEERING LAYOUT NOTES**
1. All adoptable drainage works have been designed and are to be constructed in accordance with "Sewers for Adoption, 6th Edition", and United Utilities "Guidelines for Sewer for Adoption 6th Edition", where specific conditions, 30 guidelines shall take precedence.
 - United Utilities Standard details to be used are:
270/75/1024 Manhole Type 1
270/75/1024 Manhole Type 2 and Invert Access Detail
270/75/1024 Street Manhole Detail for Small Diameter Pipes (Type 4)
270/10/1004 Street Surface Water Manhole Detail - Horizontal Inversion (less than 2.0m) - For Pipe Sizes 400mm and Above
270/75/1024 New Control Manhole Detail
270/75/1024 External Bypassing Detail
270/75/1024 Pipe Bedding Detail
270/10/1004 Manhole Manhole - Guidance Notes
270/75/1014 Inverted Type 1 and Typical Street Side Detail
270/10/1014 Special Outlet Detail Type 2, Type 3

2. All clay pipe work shall be Extra Strength Clayware to BS 205 and BS 65 (SA pipe only).
3. All precast concrete pipework shall be to Class 120 in accordance with BS5911 Part 1, BS EN 1916 and have the BS Mark.
4. All adoptable drainage to be bedded in Class 5 granular surround unless otherwise stated.
5. All concrete manholes and soakaway risers, concrete cover slabs and Gullies to be manufactured to BS EN 1917 and BS 5911 Part 1.
6. Rising Mains to be Black Polyethylene Pipes complying to BS EN 12244-1 Polyethylene Ropes, welding fusion joints, and electro-fusion fittings shall comply with BS EN 12244-2.
7. All tests relate to Outfall Station. Contractor to ensure that this drawing is read in conjunction with the site specific Topographic Survey provided by Barratt Manchester and the Benchmark Station provided.
8. This drawing is to be read in accordance with all other relevant drawings.
9. The contractor shall be responsible for ensuring that any existing invert levels indicated on the drawings are correct before work commences.
10. All proposed connections to the sewer shall be 150mm unless stated otherwise.
11. All private house drainage shall be 150mm and all drop out connections shall be 150mm of a minimum gradient of 1:80 unless otherwise stated and laid in accordance with BS5911 Part 1, BS EN 1916 and the BS Mark.
12. Sewer from private houses shall not discharge across the Highway, Gullies or channels shall be provided as appropriate to prevent Flooding.
13. Prawn crossings shall be provided at the inner tangent points of all junctions.
14. Pipes shall be protected from concentrated loading by construction traffic during the construction period when insufficient cover to the pipe may make them vulnerable to damage.
15. In situ QRT tests of the road formation level are to be carried out to determine the depth of pavement construction required. This is to be approved by the relevant authority prior to construction of the road pavement.
16. Groundwater to ensure that joint drainage be within the cartilage of the joint they serve where possible and inspection covers kept within handiwork where possible.
17. Contractor to provide United Utilities with sufficient notice prior to commencement of Sewer works on their inspection. Inspection number, for DNO 002.
18. Contractor to obtain all necessary Highway opening notices from the relevant Local Authority, obtain approval to work on United Utilities Sewerage Systems, obtain approval to method statement from the Environment Agency for any works affecting a watercourse.

ENGINEERING KEY



H	Changed pipe code 12.001's typo from 900a to 1200a	21.12.23	LB
G	The land agreement with Anywl Homes did not go through, so we reverted back to the original, S38 highways design, including the drainage design changes made due to some problems with the design and areas of the site already being constructed.	9.12.23	LB
F	Superseded reservoir profile removed from background.	23.06.23	RB
E	Amended the S38 Hatch to Anywl Homes latest planning layout.	05.09.22	LB
D	I updated the FFL's to match Anywl Homes' latest external level plan. I added the latest street lighting plan, AP1363 Rev C.	05.09.22	LB
C	Amended to show white lining and signage.	13.10.20	LB
B	Amended to latest planning layout rev L.	29.06.20	DK
A	Street Lighting design added.	14.01.20	DK
REV	DESCRIPTION	DATE	DRAWN



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MANCHESTER
Barratt Homes Manchester
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Didsbury
Manchester
M20 2YU
Tel: 0161 447 9800

Job	Tetrosyl Bury
Title	Section 38 Layout
Design By	DK
Date	02.04.15
Drawing Number	456/ED/02
Rev	H
CAD By	DK
Scale	As A0 1:500

