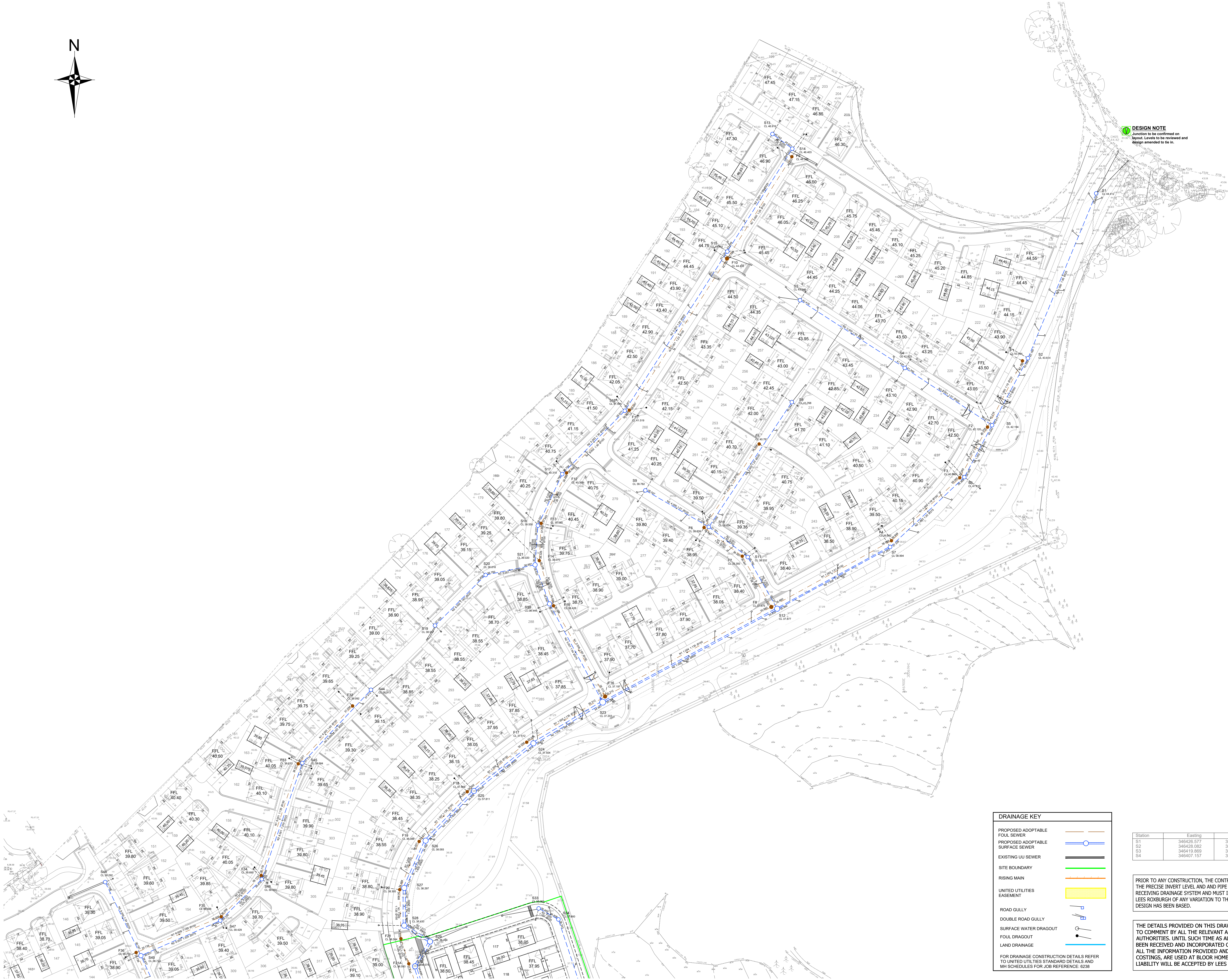
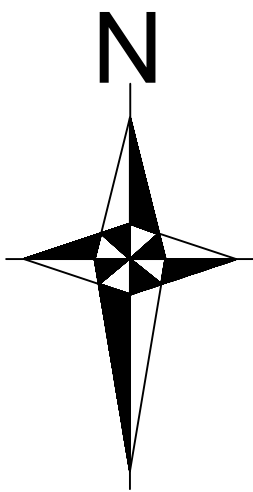


IF IN DOUBT - ASK



DESIGN NOTE
Junction to be confirmed on layout. Levels to be reviewed and design amended to tie in.

DRAINAGE KEY	
PROPOSED ADOPTABLE FOUL SEWER	
PROPOSED ADOPTABLE SURFACE SEWER	
EXISTING UU SEWER	
SITE BOUNDARY	
RISE MAIN	
UNITED UTILITIES EASEMENT	
ROAD GULLY	
DOUBLE ROAD GULLY	
SURFACE WATER DRAUGHT	
FOUL DRAUGHT	
LAND DRAINAGE	
FOR DRAINAGE CONSTRUCTION DETAILS REFER TO UNITED UTILITIES STANDARD DETAILS AND MH SCHEDULES FOR JOB REFERENCE: 6238	

Station	Easting	Northing	Level
S1	346426.577	388597.763	26.926
S2	346426.082	388652.441	26.109
S3	346419.889	388694.171	26.640
S4	346407.157	388742.392	28.164

PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR MUST CONFIRM THE PRECISE INVERT LEVEL AND AND PIPE DIAMETER OF THE RECEIVING DRAINAGE SYSTEM AND MUST IMMEDIATELY ADVISE LEES ROXBURGH OF ANY VARIATION TO THAT UPON WHICH THE DESIGN HAS BEEN BASED.

THE DETAILS PROVIDED ON THIS DRAWING ARE SUBJECT TO COMMENT BY ALL THE RELEVANT APPROVING AUTHORITIES. UNTIL SUCH TIME AS ALL COMMENTS HAVE BEEN RECEIVED AND INCORPORATED ONTO THE DRAWINGS, ALL THE INFORMATION PROVIDED AND ASSOCIATED COSTINGS, ARE USED AT BLOOR HOMES RISK AND NO LIABILITY WILL BE ACCEPTED BY LEES ROXBURGH LTD.

- Notes**
- This drawing is to be read in conjunction with the construction (design and management) regulations 2015.
- This drawing is to be read in conjunction with:- Lees Roxburgh drawing series 6238, architects and designers drawings and details.
 - Construction details to be in accordance with Knowsley Council's design guide.
 - The contractor shall comply with the following:-
 - All operations should be carried out in accordance with the general health and safety policy of Bloor Homes Ltd and all relevant health and safety legislation.
 - The local authority and service companies are to be notified prior to commencement of work on site.
 - Prior to construction the actual positions and depths of services likely to be affected by the works should be established by means of hand dig in close liaison with the service companies, the contractor shall immediately advise Lees Roxburgh of any services exposed which may affect the design.
 - The location and depth of any services/apparatus shown is approximate only and has been based on plans received from the statutory undertakers.
 - Lees Roxburgh Ltd do not accept any responsibility for the accuracy of this or any other drawings which indicate the position and/or depth of services/apparatus.
 - The contractor must contact the relevant statutory undertakers and be in possession of the latest available drawings from the statutory undertakers which shows details of their services/apparatus.
 - All gravity sewerage works to be in accordance with "Sewers for Adoption" 6th Edition and United Utilities standard details. Pump station to be designed to "Sewers for Adoption" 7th Edition and United Utilities standard details.
 - Lees Roxburgh's appointment is restricted to the design of the permanent civil/structural works only and have no site role. The contractor is thus entirely responsible for compliance with the Health and Safety at Work Act. They shall be specifically responsible for all temporary works and for the stability of the affected land and structures.
 - For legal site boundary see deeds plans in possession of client.
 - All dimensions shown are in metres unless indicated otherwise.

H	Revised to show latest FFL's	AN	11.03.23
G	Phase 2 redesign to revised layout	CB	23.12.22
F	Drainouts & Gully's amended.	NL	13.05.22
E	Drainouts amended	CB	28.10.21
D	Drainage amended to suit updated layout.	CB	22.10.21
C	Drainage amended to suit updated layout.	DW	07.01.20
B	Manhole sizes amended to suit 1-20 manhole schedules.	DW	03.12.18
A	Drainage amended to suit updated layout.	DW	21.11.18

Rev	Revision	By	Date
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Halshead Garden Village
Whiston

Adoptable Drainage
Layout
Sheet 2 of 2

Lees Roxburgh
Consulting Engineers
The Genesis Centre
Science Park South
Birkwood
Warrington
WA3 7BH

Job No.	Drawing No.	Revision.
6238	02-03-2	H
Scale 1:500@A3	Date April 2018	
Drawn By	Designed By	Checked By
DW	DW	CB