

ALIGNMENT NEW SPN PHASE 1							
LOCATION	CHANGING	EASTING	NORTHING	RADIUS	BEARING	ANGLE	ARC LENGTH
SPN-1	0.000	344030.571	309644.208			92 42 21	
TPN-1a	1.971	344032.540	309644.115			7 14 60	37.980
TPN-1b	1.971	344031.523	309643.219	300.000			19.006
TPN-1c	38.831	344031.870	309644.724			65 27 21	
TPN-1d	41.168	344031.701	309644.802			60 27 21	
TPN-2	63.742	344032.960	309645.717	275.000		4 42 13	22.576
TPN-2a	76.358	344034.158	309646.552			80 45 8	
TPN-2b	76.358	344035.533	309646.800			80 45 8	
TPN-2c	88.446	344036.301	309647.200	23.000		9 47 29	3.376
TPN-2d	81.734	344037.184	309647.106			89 32 37	1.891
TPN-2e	88.446	344037.705	309647.200			89 32 37	
TPN-3	140.213	344038.473	309647.473	60.000		39 47 18	41.666
TPN-3a	152.395	344039.250	309647.371			49 45 19	
TPN-3b	152.395	344039.250	309647.371			10 31 19	27.179
TPN-3c	181.651	344040.133	309648.012	80.000		70 42 5	14.788
TPN-3d	181.651	344040.133	309648.012			70 42 5	
TPN-3e	181.651	344040.133	309648.012			70 42 5	
TPN-3f	238.552	344041.775	309648.662			81 13 24	
TPN-3g	238.552	344041.775	309648.662			81 13 24	
TPN-3h	238.552	344041.775	309648.662			81 13 24	
TPN-3i	238.552	344041.775	309648.662			81 13 24	
TPN-3j	238.552	344041.775	309648.662			81 13 24	
TPN-3k	238.552	344041.775	309648.662			81 13 24	
TPN-3l	238.552	344041.775	309648.662			81 13 24	
TPN-3m	238.552	344041.775	309648.662			81 13 24	
TPN-3n	238.552	344041.775	309648.662			81 13 24	
TPN-3o	238.552	344041.775	309648.662			81 13 24	
TPN-3p	238.552	344041.775	309648.662			81 13 24	
TPN-3q	238.552	344041.775	309648.662			81 13 24	
TPN-3r	238.552	344041.775	309648.662			81 13 24	
TPN-3s	238.552	344041.775	309648.662			81 13 24	
TPN-3t	238.552	344041.775	309648.662			81 13 24	
TPN-3u	238.552	344041.775	309648.662			81 13 24	
TPN-3v	238.552	344041.775	309648.662			81 13 24	
TPN-3w	238.552	344041.775	309648.662			81 13 24	
TPN-3x	238.552	344041.775	309648.662			81 13 24	
TPN-3y	238.552	344041.775	309648.662			81 13 24	
TPN-3z	238.552	344041.775	309648.662			81 13 24	
TPN-4	340.253	344042.425	309649.565	20.000		341 50 36	20.544
TPN-4a	440.259	344042.425	309649.565			341 50 36	

ALIGNMENT LANE 1							
LOCATION	CHANGING	EASTING	NORTHING	RADIUS	BEARING	ANGLE	ARC LENGTH
JP1-1	0.000	345020.690	309650.235			358 46 15	
JP1-1a	2.447	345020.985	309650.282			358 46 15	
JP1-1b	13.819	345021.471	309650.882	50.000		10 42 26	10.372
JP1-1c	25.176	345023.395	309651.070			348 3 49	6.201
JP1-2	25.176	345023.395	309651.070			348 3 49	
JP1-2a	43.209	345029.980	309651.046			325 28 48	
JP1-2b	62.430	345030.001	309651.074			325 28 48	
JP1-3	71.305	345030.334	309651.385	8.747		55 11 56	8.885
JP1-3a	98.477	345030.334	309651.385			55 11 56	
JP1-4	102.440	345031.183	309651.737	8.290		23 38 17	2.180
JP1-4a	102.440	345031.183	309651.737			23 38 17	
JP1-5	124.574	345031.987	309652.081			53 14 25	

ALIGNMENT LANE 1A							
LOCATION	CHANGING	EASTING	NORTHING	RADIUS	BEARING	ANGLE	ARC LENGTH
JP1A-1	0.000	345035.727	309679.243			325 28 48	
JP1A-1a	46.420	345035.421	309679.489			325 28 48	

ALIGNMENT LANE 2							
LOCATION	CHANGING	EASTING	NORTHING	RADIUS	BEARING	ANGLE	ARC LENGTH
JP2-1	0.000	345036.012	309700.825			162 0 41	
JP2-2	60.555	345036.697	309643.277			162 0 41	

ALIGNMENT LANE 3							
LOCATION	CHANGING	EASTING	NORTHING	RADIUS	BEARING	ANGLE	ARC LENGTH
JP3-1	0.000	345036.026	309731.682			161 37 33	
JP3-2	65.778	345036.708	309689.236			161 37 33	

ALIGNMENT LANE 4							
LOCATION	CHANGING	EASTING	NORTHING	RADIUS	BEARING	ANGLE	ARC LENGTH
JP4-1	0.000	345037.584	309637.076			72 1 33	
TP4-1a	39.283	345038.591	309645.193			72 1 33	
TP4-1b	52.270	345039.122	309651.291	124.000		6 0 38	13.007
TP4-1c	53.288	345039.653	309651.291			66 0 57	
TP4-2	70.696	345040.526	309651.291	84.250		11 53 34	8.775
TP4-2a	71.701	345041.057	309651.291			77 54 30	
TP4-2b	71.701	345041.057	309651.291			77 54 30	
TP4-3	83.050	345041.588	309651.291	103.000		6 16 58	11.340
TP4-3a	122.645	345042.119	309651.291			71 37 32	

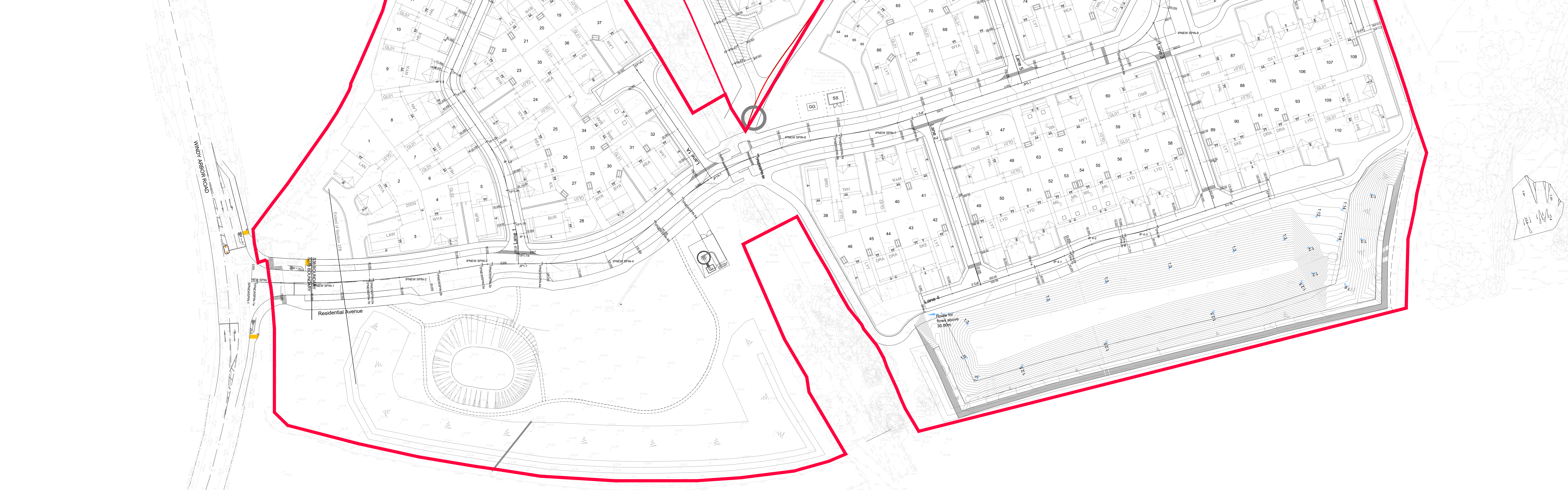
ALIGNMENT LANE 5							
LOCATION	CHANGING	EASTING	NORTHING	RADIUS	BEARING	ANGLE	ARC LENGTH
JP5-1	0.000	345039.581	309711.354			342 0 0	
TP5-1a	30.932	345040.000	309711.354			342 0 0	
TP5-1b	52.980	345040.531	309711.354	52.250		23 10 28	21.133
TP5-1c	61.883	345041.062	309711.354			318 49 32	
TP5-2	77.879	345041.593	309711.354	8.250		113 10 28	16.296
TP5-2a	123.023	345042.124	309711.354			72 0 0	

ALIGNMENT LANE 6							
LOCATION	CHANGING	EASTING	NORTHING	RADIUS	BEARING	ANGLE	ARC LENGTH
JP6-1	0.000	345042.442	309785.943			72 0 0	
JP6-2	60.853	345043.124	309785.943			72 0 0	

ALIGNMENT LANE 7							
LOCATION	CHANGING	EASTING	NORTHING	RADIUS	BEARING	ANGLE	ARC LENGTH
JP7-1	0.000	345043.760	309805.502			72 0 0	
TP7-1a	52.825	345044.291	309805.502			72 0 0	
TP7-1b	65.834	345044.822	309805.502	8.250		90 0 0	12.959
TP7-1c	211.434	345045.353	309805.502			162 0 0	

ALIGNMENT LANE 7TH							
LOCATION	CHANGING	EASTING	NORTHING	RADIUS	BEARING	ANGLE	ARC LENGTH
JP7TH-1	0.000	345046.100	309847.776			252 0 0	
JP7TH-2	18.124	345046.290	309847.776			252 0 0	

Station	Eastings	Northings	Level
S1	345426.577	309597.763	26.926
S2	345426.577	309597.763	26.926
S3	345419.909	309594.171	26.649
S4	345407.157	309542.302	25.164



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 the construction (design and management) regulations 2015.
- Construction details to be in accordance with Knowlsey 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/aparatus 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/aparatus.
 - The contractor must contact the relevant statutory undertakers and be in possession of the latest available drawings from the statutory undertakers which show details of their services/aparatus.
- Lees Roxburgh's appointment is restricted to the design of the permanent civil/structural works only and have no site role. The contractor is to be 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.

THE DETAILS PROVIDED ON THIS DRAWING ARE SUBJECT TO COMMENT BY ALL THE RELEVANT APPROVING AUTHORITIES UNTIL COMMENT BY ALL THE RELEVANT APPROVING AUTHORITIES IS INCORPORATED INTO 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.

N	Design amended for Phase 2	CB	23.12.22
M	Layout updated	NL	23.05.22
L	Amended design details added.	NL	14.01.22
K	Details for phase 2 grayed out.	NL	02.11.21
J	Lane 3 details added.	NL	13.10.21
H	Phase 1 Boundary amended & phase 2 details removed.	NL	12.10.21
G	West basin updated.	CB	24.06.21
F	Amended to only show phase 1, road references amended & site entrance amended to S275 design.	NL	24.03.21
E	Side fall to roads 1A,5,6,7,7A amended.	CB	14.12.20
D	Layout updated, information updated to suit.	CB	22.10.20
C	Road 1A added. Setting out information added to suit.	DW	19.02.20
B	Layout updated, information updated to suit.	DW	07.01.20
A	Road centreline information updated to suit updated layout.	DW	21.11.18

Rev	Revision	By	Date
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Halsmead Garden Village
Whiston

Phase 1
Road Centreline
Setting Out

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

01925 812898
office@leesroxburgh.co.uk
www.leesroxburgh.co.uk

Job No.	Drawing No.	Revision
6238	02-01-1	N
Scale: 1:500@A4	Date: April 2018	
Drawn By	Designed By	Checked By
DW	DW	CB