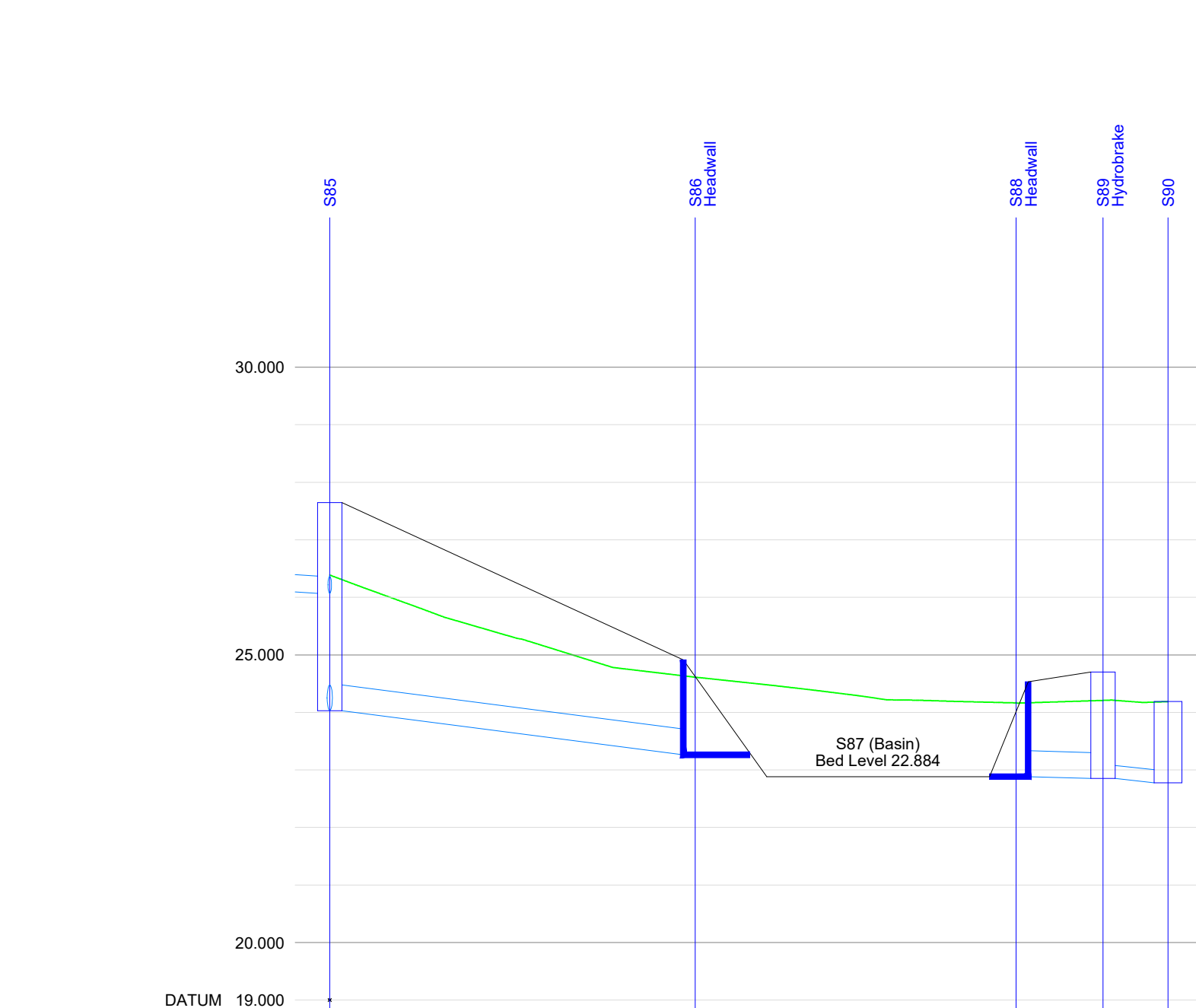
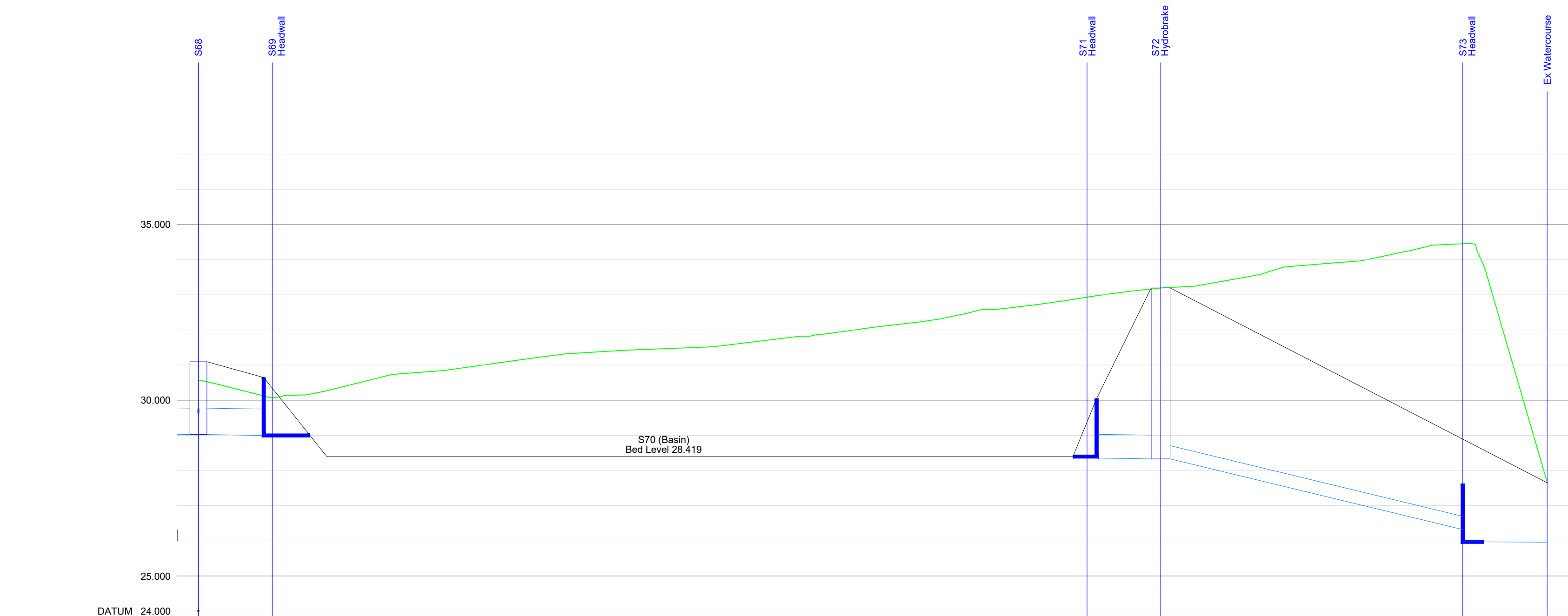


IF IN DOUBT - ASK



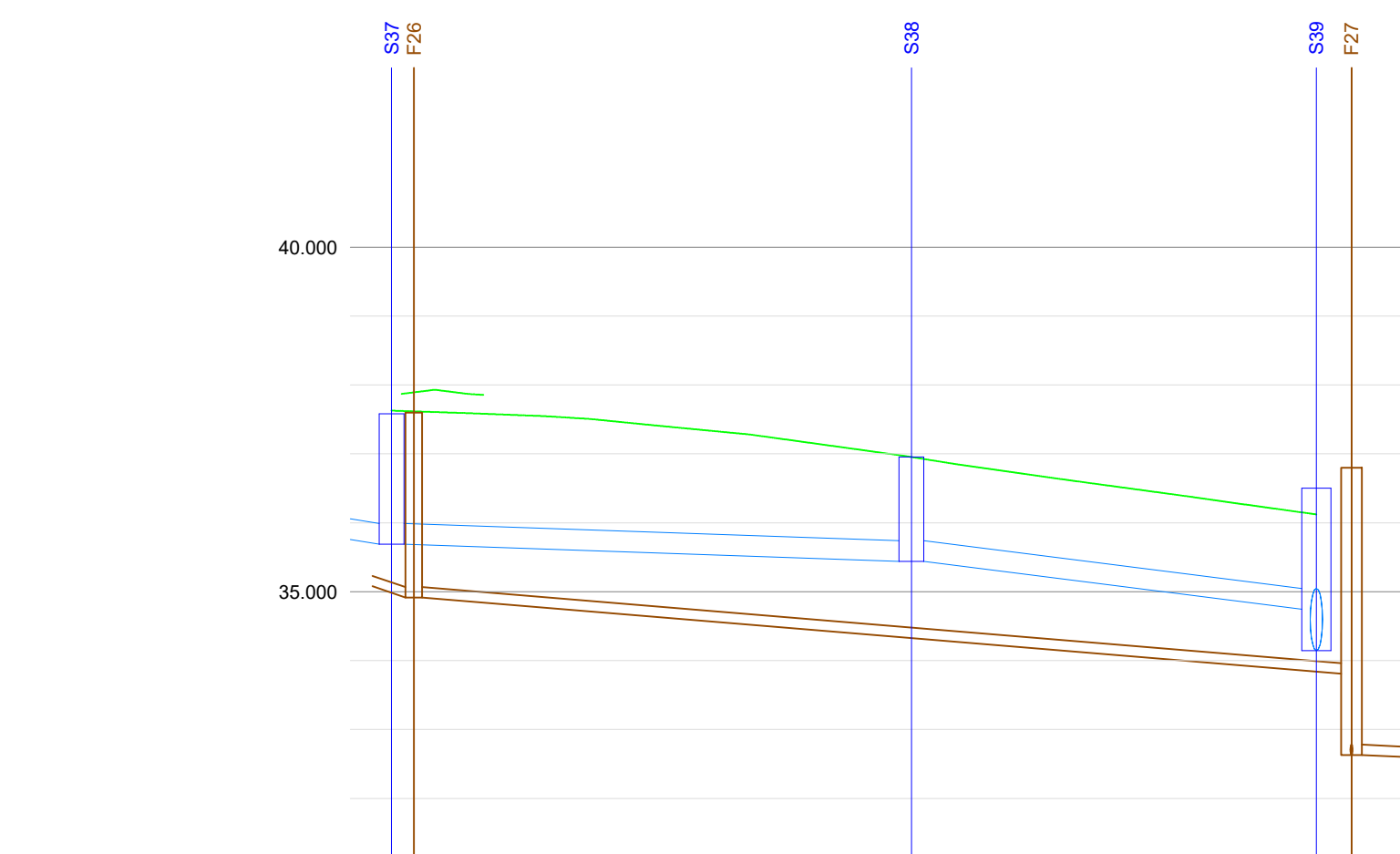
GROUND LEVEL	27.103	26.655	26.574	24.627	24.435	24.215	24.183	24.185
STORMWATER COVER LEVEL	27.646			24.612			24.700	24.185
STORMWATER INVERT	28.029	Pipe 1.005 Dia 400 CONC 1 in 34 25.722		23.362		Pipe 1.008 Dia 400 CONC 1 in 238 7.557	22.852	22.852

ALL PIPES TO HAVE CLASS 'S' BED SURROUND WHERE COVER EXCEEDS 1.2m,
WHERE COVER IS LESS THAN 1.2m, CONCRETE BED AND SURROUND TO BE USED



Eastern Basin to Outfall																				
GROUND LEVEL		30.575																		
		31.053																		
STORMWATER COVER LEVEL			31.000																	
										31.000										
STORMWATER INVERT	29.023	Pipe 8.012 Dia 750 CONC 1 in 400 10.489	28.397											28.419	Pipe 1.022 Dia 375 CONC 1 in 400 10.466	28.392		Pipe 1.023 Dia 375 CONC 1 in 32 65.220	28.392	Pipe 1.024 Dia 1000 CONC 1 in 1000 12.415
																			34.451	30.289

ALL PIPES TO HAVE CLASS 'S' BED SURROUND WHERE COVER EXCEEDS 1.2m,
WHERE COVER IS LESS THAN 1.2m, CONCRETE BED AND SURROUND TO BE USED



GROUND LEVEL	37.627	37.655	37.595	37.170	36.851	36.594	36.318
STORMWATER COVER LEVEL	37.565				36.864		36.505
STORMWATER INVERT	35.689	Pipe 7.004 Dia 300 ESVC 1 in 150 37.714		35.439	35.439	Pipe 7.005 Dia 300 ESVC 1 in 142 28.378	34.746
FOULWATER COVER LEVEL	37.601						36.800
FOULWATER INVERT	34.416			Pipe 4.002 Dia 60 ESVC 1 in 135 66.006			34.412

ALL PIPES TO HAVE CLASS 'S' BED SURROUND WHERE COVER EXCEEDS 1.2m,
WHERE COVER IS LESS THAN 1.2m, CONCRETE BED AND SURROUND TO BE USED

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 0230, 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 show 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 and structures.
- For legal site boundary see deeds plans in possession of client.
- All dimensions shown are in metres unless indicated otherwise.

L	Phase 2 redesigned to revised layout	CB	23.12.22
K	Sections labeled, duplicate information removed	CB	09.08.22
J	Eastern basin outfall amended	CB	09.08.22
H	Eastern basin amended	CB	26.07.22
G	Updated to amended design.	NL	17.05.22
F	S73 amended	CB	05.04.22
E	Amended design details added.	NL	14.01.22
D	West basin amended	CB	24.06.21
C	Extra sections added to show drainage in open space & private drives.	NL	05.03.21
B	Updated sections to suit updated layout & drainage design.	DW	07.01.20
A	Updated sections to suit updated layout & drainage design.	DW	21.11.18

Rev	Revision	By	Date
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Halsnead Garden Village
Whiston

Longitudinal Sections
Sheet 7 of 8

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Job No.	Drawing No.	Revision.
6238	02-04-07	L
Scale 1:1,500, 1:1,000 @ A0		
Date April 2018		
Drawn By	Designed By	Checked By
DW	DW	CB