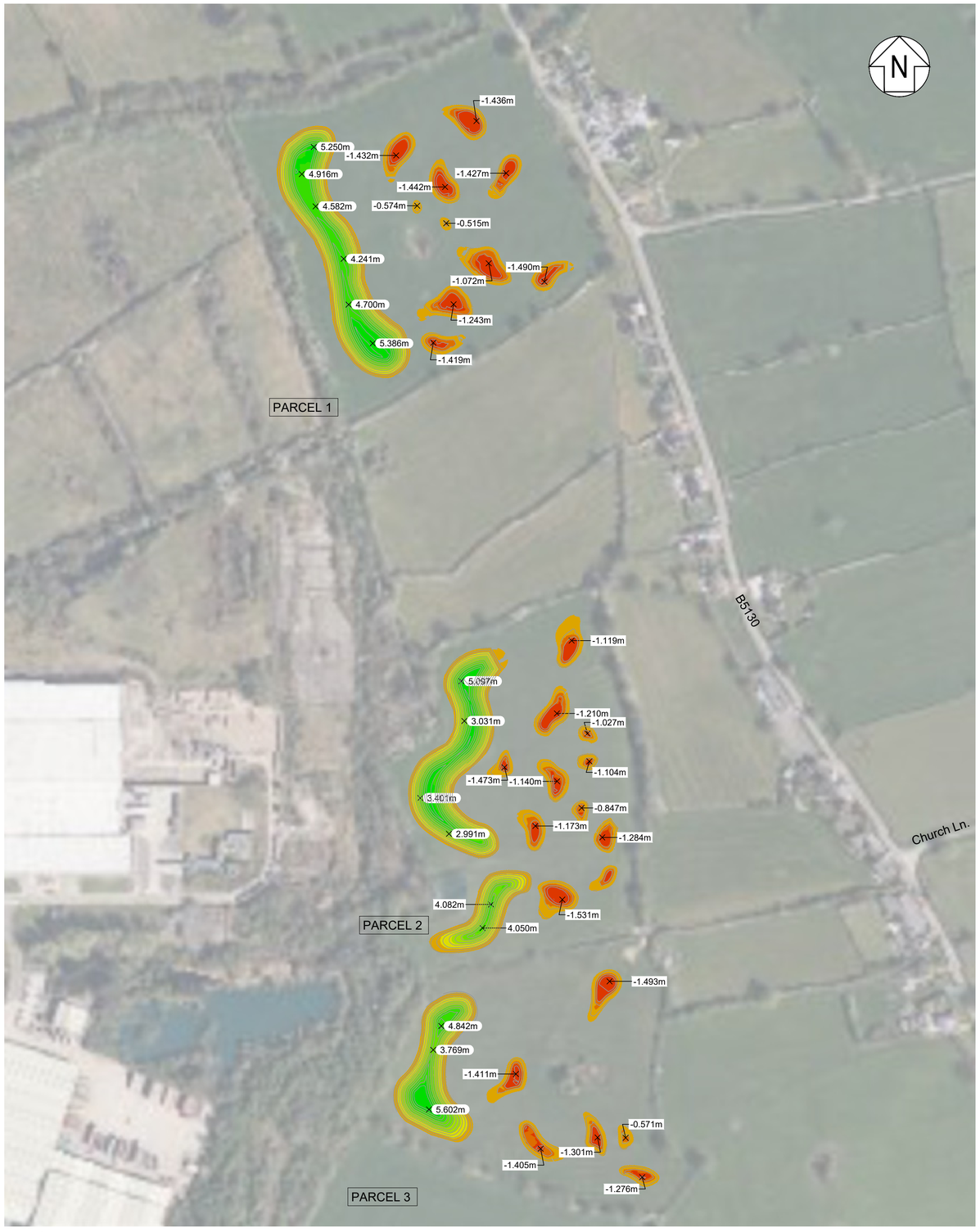
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Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
0601 - Earthworks Analysis Ponds Francis Lane	**1.000**	**1.000**	5229.277sq.m	2470.514 Cu. M.	1.206 Cu. M.	2469.309 Cu. M.<Cut>
Totals			5229.277sq.m	2470.514 Cu. M.	1.206 Cu. M.	2469.309 Cu. M.<Cut>



Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
0600 - Earthworks Analysis Ponds.1	**1.000**	**1.000**	4961.387sq.m	3134.517 Cu. M.	1.855 Cu. M.	3132.663 Cu. M.<Cut>
0600 - Earthworks Analysis Bunds.1	**1.000**	**1.000**	7747.135sq.m	0.689 Cu. M.	21373.777 Cu. M.	21373.088 Cu. M.<Fill>
Totals			12708.521sq.m	3135.206 Cu. M.	21375.631 Cu. M.	18240.425 Cu. M.<Fill>

Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
0600 - Earthworks Analysis Bunds.2	**1.000**	**1.000**	8803.175sq.m	3.234 Cu. M.	20843.017 Cu. M.	20839.783 Cu. M.<Fill>
0600 - Earthworks Analysis Ponds.2	**1.000**	**1.000**	4547.254sq.m	2479.432 Cu. M.	32.331 Cu. M.	2447.101 Cu. M.<Cut>
Totals			13350.429sq.m	2482.666 Cu. M.	20875.348 Cu. M.	18392.682 Cu. M.<Fill>

Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
0600 - Earthworks Analysis Bunds.3	**1.000**	**1.000**	4466.083sq.m	29.771 Cu. M.	10431.108 Cu. M.	10401.338 Cu. M.<Fill>
0600 - Earthworks Analysis Ponds.3	**1.000**	**1.000**	2714.281sq.m	1577.515 Cu. M.	0.150 Cu. M.	1577.365 Cu. M.<Cut>
Totals			7180.364sq.m	1607.286 Cu. M.	10431.258 Cu. M.	8823.972 Cu. M.<Fill>

Notes

Earthworks Notes

1. Existing ground levels shown on this drawing are based upon Lidar data.
2. Levels shown on this drawing are based upon Landacape Architects Layout "1059-1-NLA.109.3 Strategic Ecology Plan (OS Annonation) v7".
3. The presented isopachyte represents the earthworks elevation ranges for an indicative analysis between the existing ground levels and the proposed levels of the bunds and ponds.
4. Where 3D topographical survey information is not available, Environmental Agency LiDAR survey has been used, which has an accuracy of +/- 150mm.
5. Level and earthworks shown on this drawing are indicative and for information only. Proposed finished levels are based on achieving an approximate cut and fill balance and will change following receipt of further information and detailed design.
6. No top soil strip has been allowed for.
7. As the proposals are earthworks only with no hardscapes, no formation depths are allowed for.
8. No bulking factors have been taken into account in calculating the earthworks quantities.
9. No allowance has been made for unacceptable material being exposed during excavation.
10. The earthworks quantities provided below are for guidance only.
11. It should be noted that the earthworks volumes provided are accurate to 5%. This margin takes account of the variations that may result through the use of Civil 3D. Further inaccuracies will be present through the use of LiDAR information
12. Material used to construct the bunds is to be advised following Phase 2 ground investigation works.
13. Ponds indicated at 1.33m deep with 1 in 3 slopes and are subject to detailed design by landscape architect and ecologist.
14. Bunds indicated with 1 in 6 gradient slopes.

Bund Elevations Legend

Surface Bands			
Number	Minimum Elevation	Maximum Elevation	Color
1	0.000	1.000	
2	1.000	2.000	
3	2.000	3.000	
4	3.000	4.000	
5	4.000	5.000	
6	5.000	6.000	

Pond Elevations Legend

Surface Bands			
Number	Minimum Elevation	Maximum Elevation	Color
1	-1.652	-1.000	
2	-1.000	-0.500	
3	-0.500	0.000	

Rev	Date	By	Description	Chk	App
P5	16.05.2025	WNL	Bunds updated	JCB	PJB
P4	24.03.2025	WNL	Northern ecology area included	JCB	PJB
P3	06.03.2025	WNL	Pond profiles updated in line with ecology and landscape profiles	JCB	PJB
P2	13.02.2025	WNL	Bund heights updated to circa 5.5m	JCB	PJB
P1	17.01.2025	WNL	Prelimnary issue	JCB	PJB

Status
Preliminary

TIER CONSULT GROUP.
Unit 5 Office Village,
Sandpiper Court,
Chester Business Park,
Chester,
CH4 9QZ
T: 01244 684 900

Client:
NET WORLD SPORTS

Project Title:
Net World Sport, Wrexham
Ecological Land

Drawing Title:
Ecological Area
Proposed Earthworks

Drawing Scale:	Drawn By:	Drawing Start Date:
1:2000 @ A1	WNL	Jan'25

TIER Project Number:
T_25_2894

Drawing No:
2894-TCG-XX-XX-DR-C-5201

Revision:
P5

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