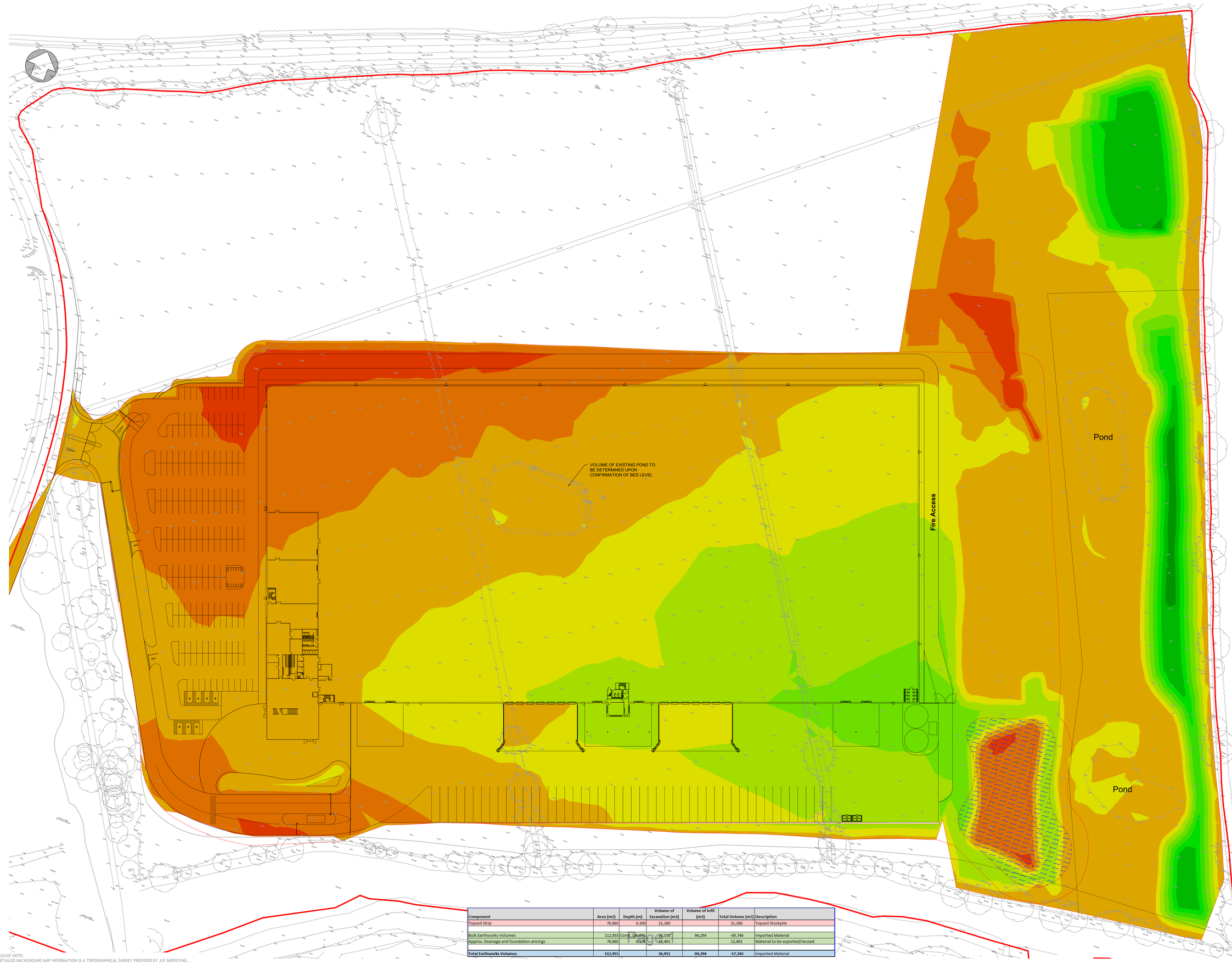
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Component	Area (m2)	Depth (m)	Volume of Excavation (m3)	Volume of Infil (m3)	Total Volume (m3)	Description
Topsoil Strip	70,865	0.300	21,260		21,260	Topsoil Stockpile
Bulk Earthworks Volumes	112,955	Const. Depths	26,550	94,294	-69,744	Imported Material
Approx. Drainage and foundation arisings	70,865	0.175	12,401		12,401	Material to be exported/reused
Total Earthworks Volumes	**112,955**		**38,951**	**94,294**	**-57,343**	Imported Material

PLEASE NOTE:
DETAILED BACKGROUND MAP INFORMATION IS A TOPOGRAPHICAL SURVEY PROVIDED BY JLP SURVEYING.

Notes

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTS, ENGINEERS AND SPECIALISTS DRAWINGS TOGETHER WITH THE APPROPRIATE SPECIFICATIONS.
- IT IS THE CONTRACTORS RESPONSIBILITY TO CHECK ALL DIMENSIONS ON SITE. DIMENSIONS MUST NOT BE SCALED FROM THIS DRAWING. ANY DISCREPANCIES TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT IN WRITING.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- ALL LEVELS ARE IN METRES, UNLESS NOTED OTHERWISE

Earthworks Notes

1. Levels shown on this drawing are based upon topographical survey 'S20-639 Topographical Survey 3D' undertaken by JLP Surveying, received 02.06.2021.
2. Levels shown on this drawing are based upon Architects Layout '19153-C4P-XV-ZZ-DR-A-0010_P4_Site Plan as Proposed' undertaken by C4, received on 19.05.2021.
3. Where 3D topographical survey information is not available, Environmental Agency LiDAR survey has been used, which has an accuracy of +/- 150mm.
4. 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.
5. No allowance for unsuitable site strip material has been made in this model. Existing hard standing areas are assumed to be excavated, crushed and set aside for reuse.
6. Formation levels have been taken as an overall thickness of 450mm at this stage and are dependant upon site investigation results.
7. No bulking factors have been taken into account in calculating the earthworks quantities.
8. No allowance has been made for unacceptable materials being exposed during excavation.
9. The earthworks quantities provided below are for guidance only.
10. 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.

Legend

SURFACE LEVEL DATA

NUMBER	MINIMUM LEVEL	MAXIMUM LEVEL	COLOUR
1	-2.50	-1.50	
2	-1.50	-0.50	
3	-0.50	0.50	
4	0.50	1.50	
5	1.50	2.50	
6	2.50	3.50	
7	3.50	4.50	
8	4.50	5.50	
9	5.50	6.50	
10	6.50	7.50	

NOTE
CONSTRUCTION DEPTHS INCORPORATED;

- CAR PARKS 450mm
- ROAD 450mm
- SERVICE YARD AND ACCESS ROAD 550mm
- BUILDING SLAB 550mm

- CUT AND FILL ANALYSIS IS BASED ON FORMATION LEVEL OF SURFACE BUILD UP INDICATED ABOVE.
- NO BULKING HAS BEEN ALLOWED FOR IN THE CALCULATIONS. CONTRACTOR TO REVIEW SITE INVESTIGATION AND AND MAKE OWN ASSESSMENT.
- 150mm STRIP HAS BEEN TAKEN ACROSS THE ENTIRE DEVELOPMENT BOUNDARY.

Rev	Date	By	Description	Chk	App
F1	29.07.2024	WNL	UPDATE WITH AS BUILT INFO	JH	PJB
P2	17.09.2021	WNL	FUTURE EXTENSION ALLOWED FOR	JH	PJB
P1	16.08.2021	WNL	ISSUED FOR INFORMATION	JH	PJB

Status
FINAL CONSTRUCTION ISSUE

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Title
PROPOSED EARTHWORKS LAYOUT.

Scale	Drawn	Revision
1:500@A0	W.LLOYD	F1
Date	Checked	
25.05.2021	J.HALE	

Drawing No
T_21_2412-60-02

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