

EARTHWORKS NOTES

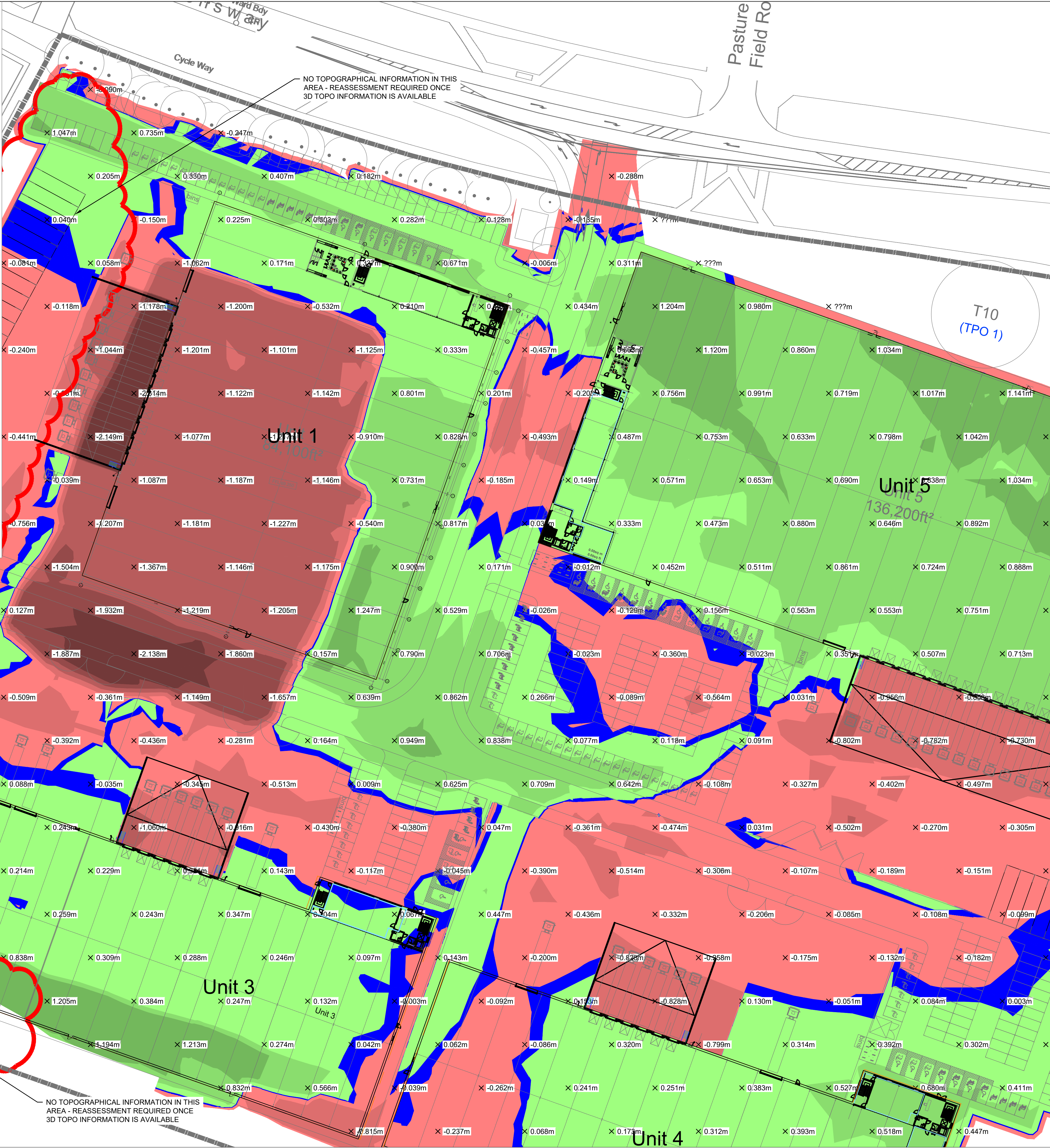
1. EXISTING SITE LEVELS HAVE BEEN TAKEN FROM SUMO SERVICES TOPOGRAPHICAL SURVEY DATED OCTOBER 2022.
2. IT IS ASSUMED THAT A SITE STRIP OF APPROXIMATELY 200mm WILL BE REQUIRED ACROSS SITE - CIRCA 14,400m³ OF STRIPPED TOPSOIL WOULD BE GENERATED. **A FULL SITE INVESTIGATION WILL BE REQUIRED TO CONFIRMED TOPSOIL DEPTH.**
3. OUTLINE PROPOSED FINISHED LEVELS HAVE BEEN DESIGNED BY RIDGE AND PARTNERS. THESE LEVELS ARE INDICATIVE. THE SITE LAYOUT SUPPLIED BY THE CLIENT.
4. AT PRESENT A BUILD UP DEPTH OF:
A 600mm BUILD UP HAD BEEN ASSUMED ACROSS THE SITE. THIS ASSUMPTION WITH BE REVISITED ON RECEIPT OF A PHASE 2 SITE INVESTIGATION.
5. NO BULKING FACTORS HAVE BEEN TAKEN INTO ACCOUNT IN THIS EARTHWORKS ASSESSMENT.
6. MATERIAL PRESENT IN ON SITE STOCKPILES PRESENTS A RISK - MATERIAL SHOULD BE INVESTIGATED AS PART OF THE PHASE 2 SITE INVESTIGATION.
7. NO ALLOWANCE HAS BEEN MADE FOR UNACCEPTABLE MATERIALS EXPOSED DURING EXCAVATIONS.
8. IT HAS BEEN ASSUMED THAT MATERIAL EXCAVATED, ONCE SORTED, WILL BE SUITABLE FOR RE-USE.
9. THE EARTHWORKS QUANTITIES OUTLINE BELOW ARE FOR GUIDANCE ONLY.

INDICATIVE EARTHWORKS VOLUMES

1. BULK CUT/FILL EARTHWORKS
THE BULK EARTHWORKS REQUIRED TO REACH FORMATION ARE:
CUT: 17,000m³
FILL: 21,200m³
NET: 4,200m³ DEFICIT OF MATERIAL. THIS MATERIAL MUST EITHER BE IMPORTED OR GENERATED THROUGH ARSINGS. BASED ON AN APPROXIMATE ARISING RATE OF 0.150 CU.M /SQ. M, APPROXIMATELY 10,800CU.M OF ARSINGS WITH BE GENERATED, RESULTING IN A SURPLUS OF 6,600CU.M
2. CONCLUSION

6,600m³ SURPLUS OF MATERIAL

A TOTAL OF 14,400 CU.M TOP SOIL HAS BEEN ASSUMED . IF TOPSOIL IS FOUND TO BE SUITABLE FOR REUSE, 2,600CU.M CAN BE REUSED ON SOFT LANDSCAPING THE REMAINING 11,800 CU.M TOPSOIL IS TO BE REMOVED FROM SITE.



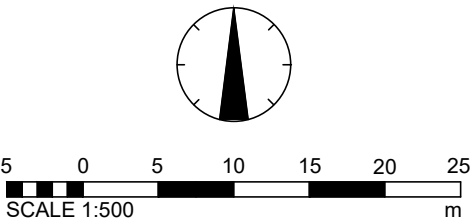
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DRAWING NOTES:

CDM REGULATIONS 2015
SIGNIFICANT OR NON-OBVIOUS RISKS AND RISKS WHICH ARE DIFFICULT TO MANAGE ARE IDENTIFIED ON THIS DRAWING USING THE FOLLOWING SYMBOL. IDENTIFIED TO THE RIGHT WITH BRIEF ACCOMPANYING TEXT. FOR FURTHER DETAILS OF THE RISKS IDENTIFIED BY DESIGNERS, REFERENCE SHOULD BE MADE TO CDM HAZARD REGISTER.



SURFACE LEVEL DATA			
NUMBER	MINIMUM LEVEL	MAXIMUM LEVEL	COLOR
1	-3.80	-2.50	
2	-2.50	-2.00	
3	-2.00	-1.50	
4	-1.50	-1.00	
5	-1.00	-0.50	
6	-0.50	-0.05	
7	-0.05	0.05	
8	0.05	0.50	
9	0.50	1.00	
10	1.00	1.50	
11	1.50	2.00	
12	19.00	20.00	



P03	CUT/FILL FIGURES UPDATED TO SUIT REVISED LEVELS.	22.06.23	LMc	PB
P02	CYCLE ROUTE INCLUDED AND RETAINING ADDED.	06.12.22	AP	PB
P01	PRELIMINARY ISSUE	28.09.22	AP	PB
REV	DESCRIPTION	DATE	BY	CHKD

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TEL: 0161 833 9579

WWW.RIDGE.CO.UK

AVIVA

IN ASSOCIATION WITH:

PROJECT:
ATLAS PARK

TITLE:
CUT AND FILL
SHEET 1 OF 2

ENGINEER:	CSE:	ICSE:	SCALE: 1:500 @ A1				
AP	PB	PB	STATUS ISSUE: S1				
STATUS: PRELIMINARY							
"UNLESS ISSUED FOR CONSTRUCTION - WORKS AT CLIENT/CONTRACTORS RISK"							
SUITABILITY: SO - Initial Status or WIP							
PROJECT:	ORG:	ZONE:	LEVEL:	TYPE:	ROLE:	NUMBER:	REV:
5017477	RDG	XX	XX	DR	C	0603	P03