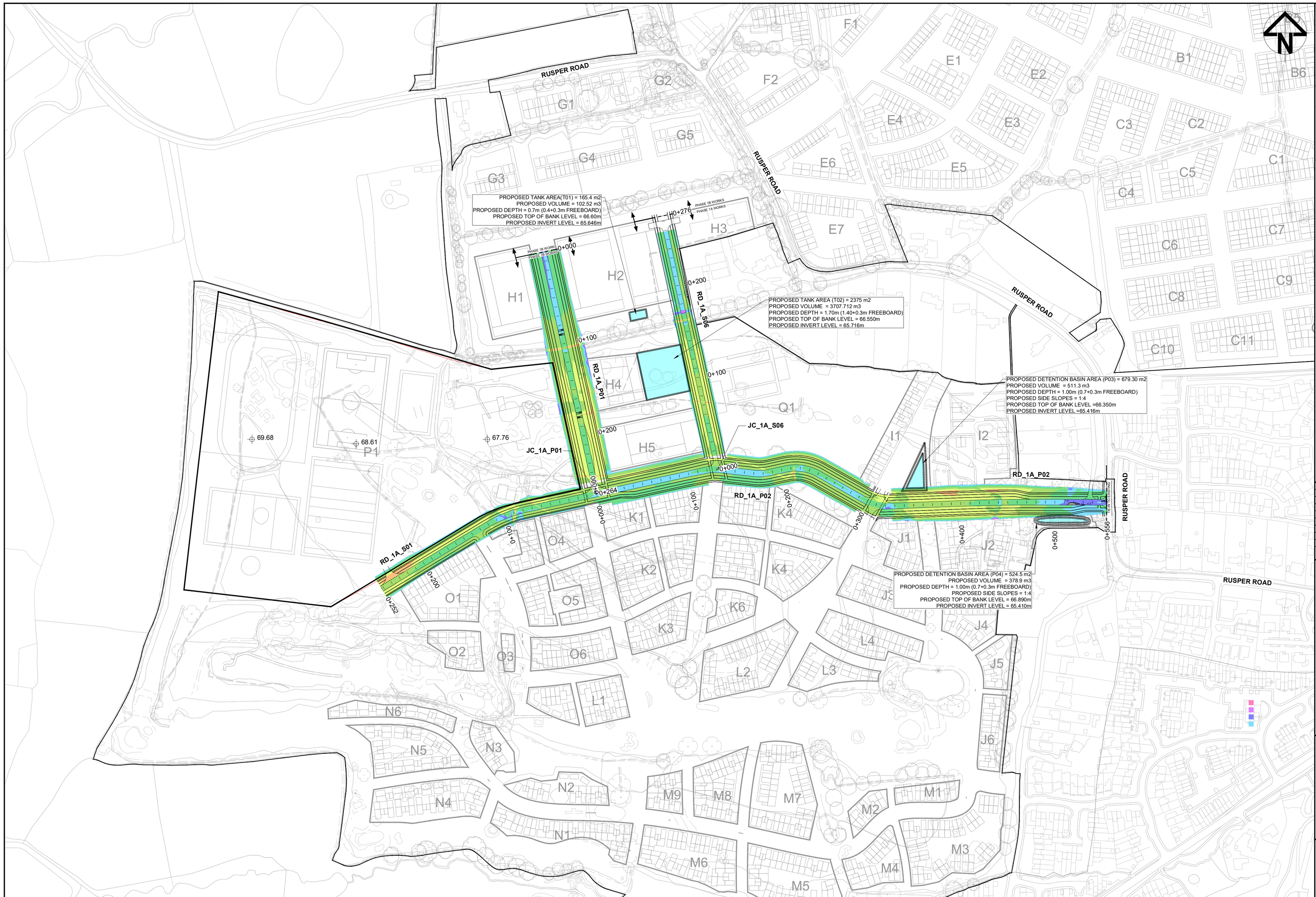
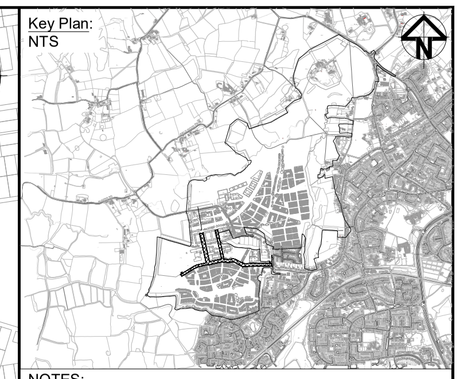


Key Plan:
NTS



NOTES:

1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
2. DO NOT SCALE FROM DRAWING, USE FIGURED DIMENSIONS ONLY.
3. ALL WORKS TO BE IN ACCORDANCE WITH WEST SUSSEX COUNCIL AND DMRB REQUIREMENTS.
4. VOLUMES ARE DETERMINED BY COMPARING THE CURRENT ASSUMED DEVELOPMENT FORMATION LEVELS AGAINST THE EXISTING SITE FOLLOWING A TOPSOIL STRIP.
5. TOPSOIL IN PHASE 1A IS BASED ON AN AVERAGE DEPTH OF 150mm BASED ON THE GOLF COURSE GROUND INVESTIGATION.
6. NO COMPACTION OR BULKING FACTORS HAVE BEEN USED TO DETERMINE FILL VOLUME. THIS WILL BE CONFIRMED FOLLOWING THE FUTURE GROUND INVESTIGATION.

LEGEND:

- RED LINE BOUNDARY
- EDUCATIONAL PARCEL
- XX.XX PROPOSED LEVEL
- INDICATIVE DETENTION BASINS & TANKS

Rev	Date	Description	Prod.	Chk.	Rev.	App.
P01	03/11/23	FIRST ISSUE	SS	MT	CH	SD

CUT						FILL					
NUMBER	MINIMUM LEVEL	MAXIMUM LEVEL	COLOUR	AREA	VOLUME	NUMBER	MINIMUM LEVEL	MAXIMUM LEVEL	COLOUR	AREA	VOLUME
1	-2.19	-1.50		3.503m2	0.538m3	5	0.00	0.50		11818.594m2	13924.215m3
2	-1.50	-1.00		15.689m2	4.932m3	6	0.50	1.00		12619.565m2	7375.747m3
3	-1.00	-0.50		534.425m2	66.326m3	7	1.00	1.50		8227.696m2	1915.634m3
4	-0.50	0.00		5023.766m2	1120.549m3	8	1.50	2.23		513.968m2	49.737m3
PONDS	-	-	-	-	9400.864m3	TOTAL	-	-	-	-	23265.333m3
TOTAL	-	-	-	-	10593.209m3						
TOPSOIL	-	-	-	-	5851.041m3						

TABLE 1: UNFACTORED CUT AND FILL VOLUMES AT 0.5m DEPTH BANDS AND LEGEND OF ISOPACHYTES

Homes England

Project:

West of Ifield

Site

Ifield, Crawley
West Sussex

Client

Homes England
Arpley House, 110 Birchwood Boulevard
Birchwood,
Warrington
WA3 7QH

ARCADIS

Registered office:
80 Fenchurch Street
London
EC3M 4BY

Coordinating office:
80 Fenchurch Street
London
EC3M 4BY
Tel: 44 (0)20 7812 2000

www.arcadis.com

© Copyright reserved

Drawing Title:

PHASE 1A EARTHWORKS STRATEGY OVERVIEW

Designed: K.Singh	Signed: Digitally Signed	Date: 01/11/23
Produced: S.Shetty	Signed: Digitally Signed	Date: 02/11/23
Checked: M.Towler	Signed: Digitally Signed	Date: 03/11/23
Reviewed: C.Higgins	Signed: Digitally Signed	Date: 03/11/23
Approved: S.Davies	Signed: Digitally Signed	Date: 03/11/23
Design Stage: Detailed Design		
Original Size: A1	Grid: OS	Datum: ODN
Suitability Code: S5	Scale: 1:2000	Project Number: 10051123

Suitability Description:

Suitable for Review and Acceptance

Drawing Number: 10051123-ARC-060-1A-DR-CE-00001

Revision: P01

0 50 100 200 METRES

SCALE 1:2000 (A1)
SCALE 1:4000 (A3)

Print Date: 2023-11-03 15:55:18

C:\bms\arcadis-uk-09\dms57346\10051123-ARC-060-1A-DR-CE-00001.dwg