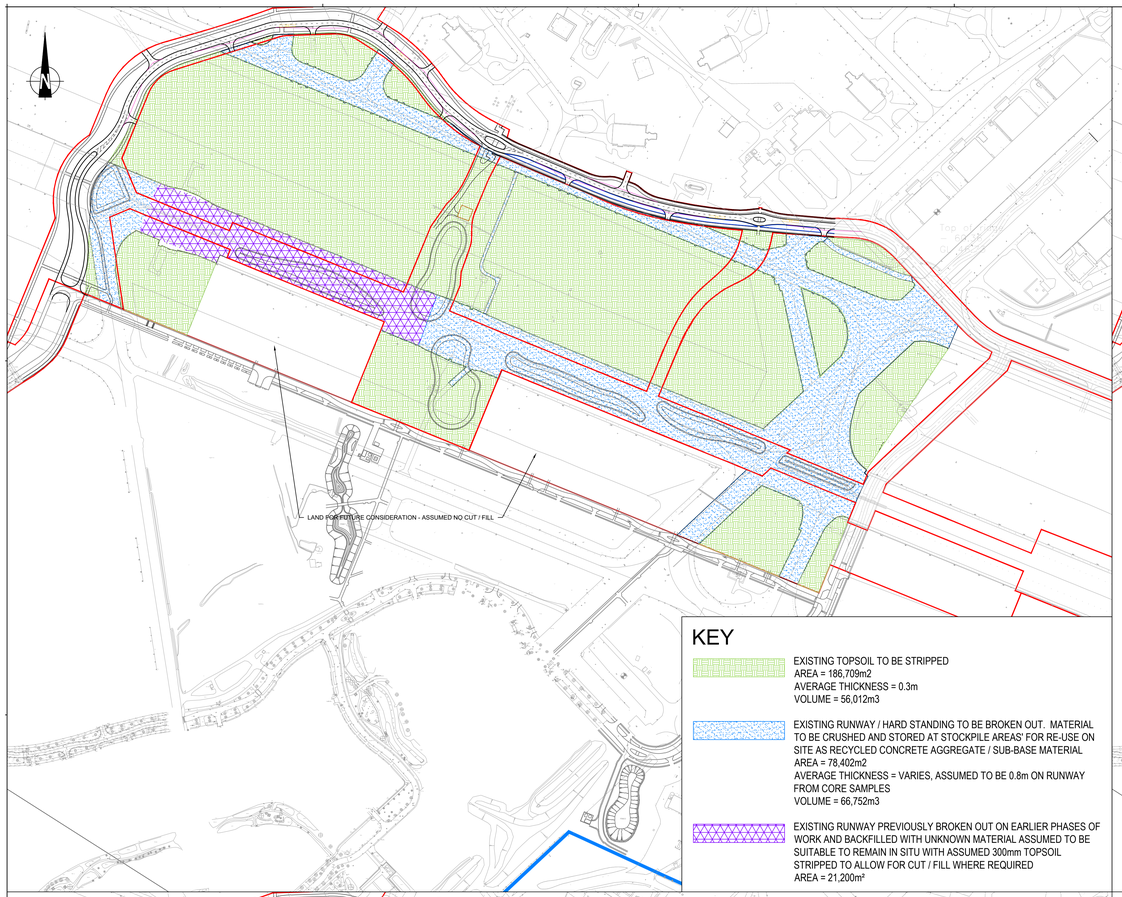
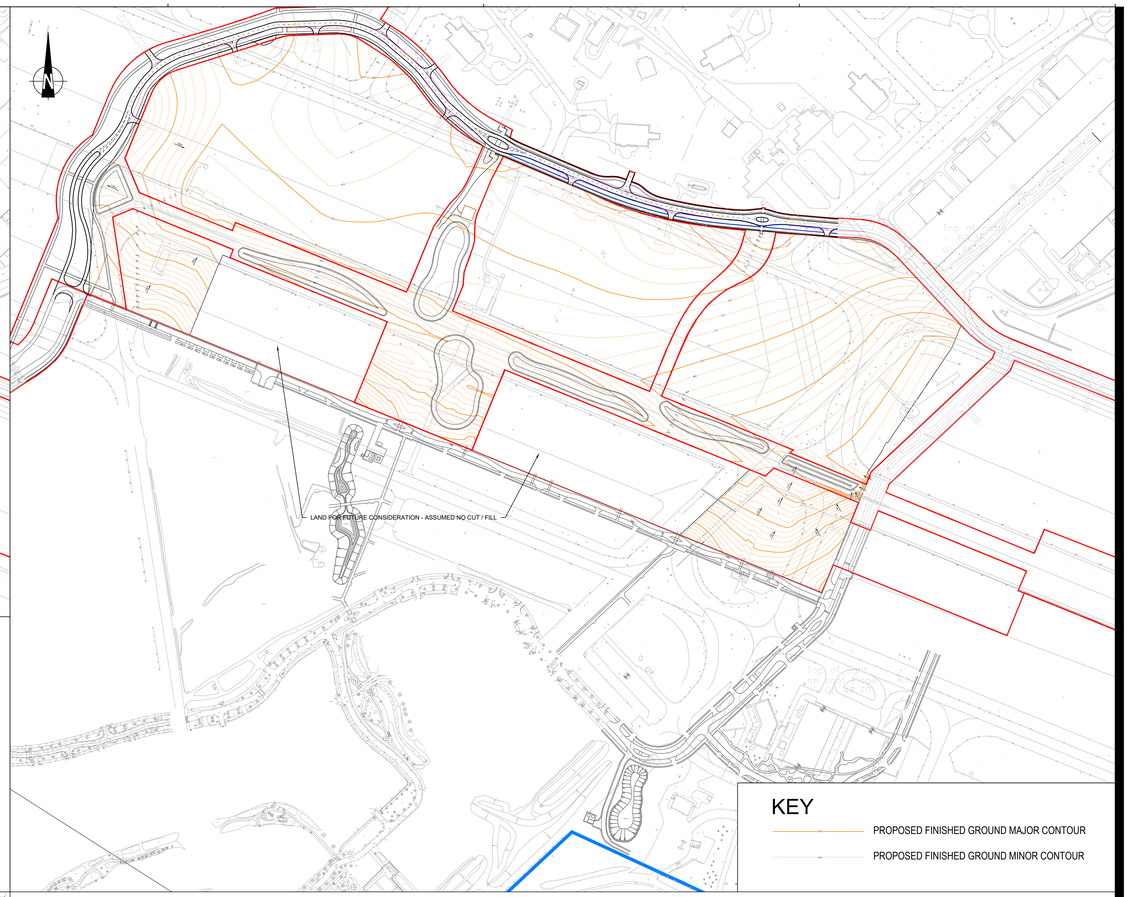


KEY

EXISTING TOPSOIL TO BE STRIPPED
AREA = 186,709m2
AVERAGE THICKNESS = 0.3m
VOLUME = 56,012m3

EXISTING RUNWAY / HARD STANDING TO BE BROKEN OUT. MATERIAL TO BE CRUSHED AND STORED AT STOCKPILE AREAS' FOR RE-USE ON SITE AS RECYCLED CONCRETE AGGREGATE / SUB-BASE MATERIAL
AREA = 78,402m2
AVERAGE THICKNESS = VARIES, ASSUMED TO BE 0.8m ON RUNWAY FROM CORE SAMPLES
VOLUME = 66,752m3

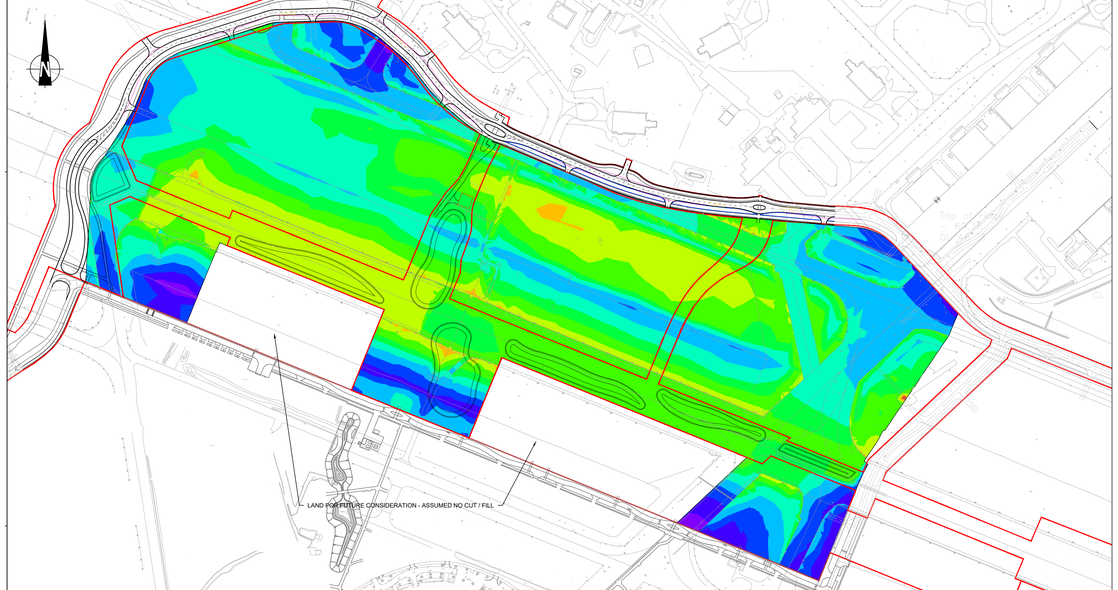
EXISTING RUNWAY PREVIOUSLY BROKEN OUT ON EARLIER PHASES OF WORK AND BACKFILLED WITH UNKNOWN MATERIAL ASSUMED TO BE SUITABLE TO REMAIN IN SITU WITH ASSUMED 300mm TOPSOIL STRIPPED TO ALLOW FOR CUT / FILL WHERE REQUIRED
AREA = 21,200m²



KEY

PROPOSED FINISHED GROUND MAJOR CONTOUR

PROPOSED FINISHED GROUND MINOR CONTOUR



Volume Summary				
Name	2d Area (sq.m)	Cut (Cu. M.)	Fill (Cu. M.)	Net (Cu. M.)
KP3 WEST Vol to -400mm from Proposed	284854.94	64687.01	55910.78	8776.23<Cut>

SURFACE LEVEL DATA

No.	MIN. LEVEL	MAX. LEVEL	COLOUR
1	-2.00	-1.65	
2	-1.65	-1.30	
3	-1.30	-0.95	
4	-0.95	-0.60	
5	-0.60	-0.25	
6	-0.25	0.00	
7	0.00	0.35	
8	0.35	0.70	
9	0.70	1.05	
10	1.05	1.40	
11	1.40	1.85	

50.0 0.0 100.0 200.0 300.0

Scale = 1 : 2,500

Stantec

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Notes

1. THIS EARTHWORKS STRATEGY IS BASED ON INFORMATION PROVIDED TO STANTEC BY GREEN HATCH SURVEY '15683_T_UG_REV_S_SEPT_2016'.
2. NO BULKING OR COMPACTION FACTORS HAVE BEEN APPLIED TO THE CUT FILL VOLUMES.
3. PROPOSED EARTHWORKS BASED ON A DIRECT COMPARISON BETWEEN THE EXISTING GROUND LEVELS MINUS TOPSOIL AND HARDSTANDING TO THE FINISHED GROUND LEVELS - 400mm TO ALLOW FOR ON PLOT ARISING. ASSUMED TOPSOIL DEPTH OF 300mm AND 800mm RUNWAY HANDSTANDING AVERAGE DEPTH.

KEY

KEY PHASE 3 INFRASTRUCTURE BOUNDARY

DL	BP	MH	
Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Issue Status

RMA

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Client/Project Logo

Urban&Civic

Client/Project
ALCONBURY WEALD
KP3 ADVANCED INFRASTRUCTURE

DRAFT

Title
PROPOSED KEY PHASE 3 (WEST) EARTHWORKS

Project No.
332210769

Scale
1:2500

Revision
-

Drawing No.
332210769/SK002