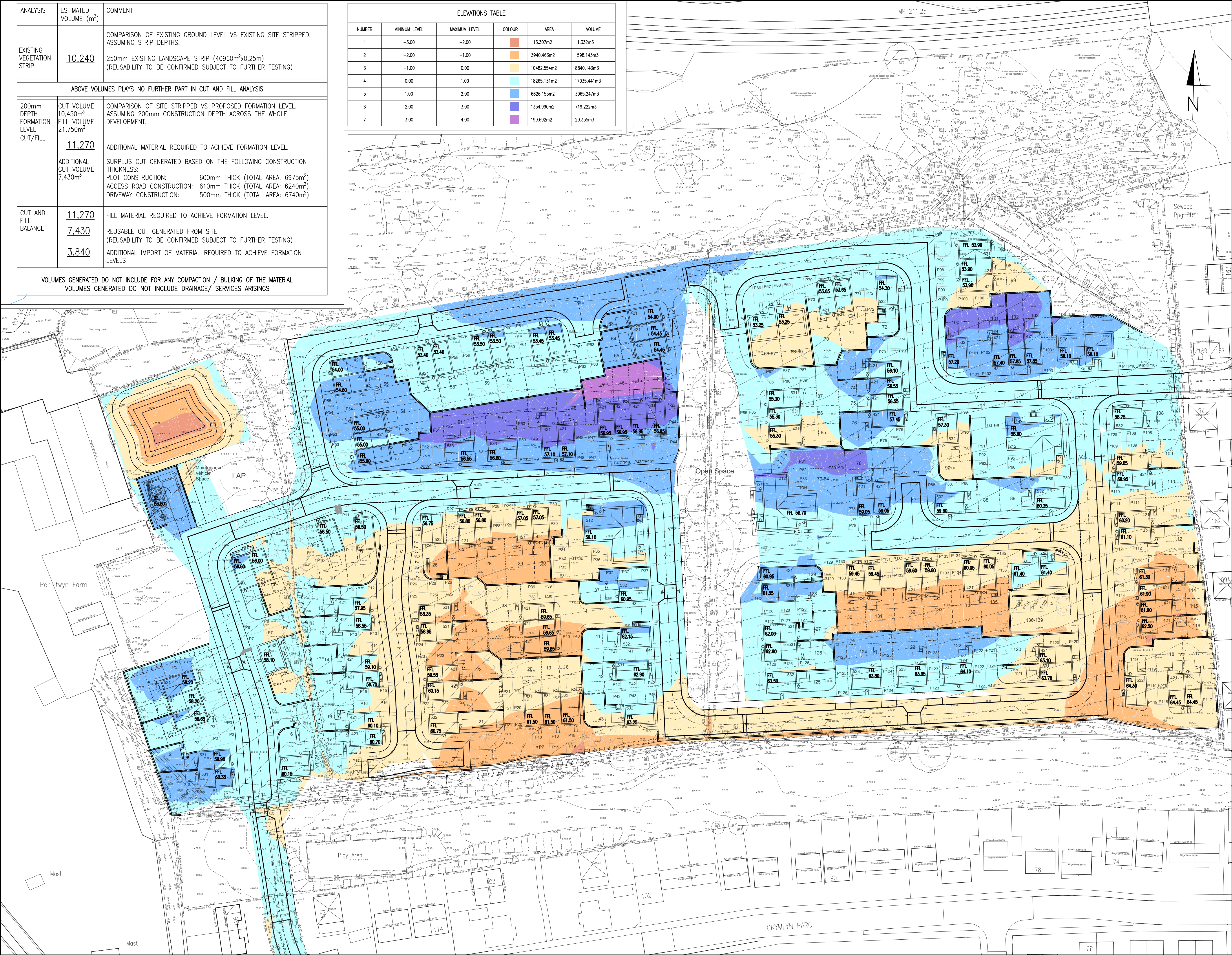


ANALYSIS	ESTIMATED VOLUME (m³)	COMMENT
EXISTING VEGETATION STRIP	10,240	COMPARISON OF EXISTING GROUND LEVEL VS EXISTING SITE STRIPPED, ASSUMING STRIP DEPTHS: 250mm EXISTING LANDSCAPE STRIP (40960m²x0.25m) (REUSABILITY TO BE CONFIRMED SUBJECT TO FURTHER TESTING)
ABOVE VOLUMES PLAYS NO FURTHER PART IN CUT AND FILL ANALYSIS		
200mm DEPTH FORMATION LEVEL CUT/FILL	CUT VOLUME 10,450m³ FILL VOLUME 21,750m³ 11,270	COMPARISON OF SITE STRIPPED VS PROPOSED FORMATION LEVEL, ASSUMING 200mm CONSTRUCTION DEPTH ACROSS THE WHOLE DEVELOPMENT. ADDITIONAL MATERIAL REQUIRED TO ACHIEVE FORMATION LEVEL.
CUT AND FILL BALANCE	ADDITIONAL CUT VOLUME 7,430m³	SURPLUS CUT GENERATED BASED ON THE FOLLOWING CONSTRUCTION THICKNESS: PLOT CONSTRUCTION: 600mm THICK (TOTAL AREA: 6975m²) ACCESS ROAD CONSTRUCTION: 610mm THICK (TOTAL AREA: 6240m²) DRIVEWAY CONSTRUCTION: 500mm THICK (TOTAL AREA: 6740m²)
	11,270	FILL MATERIAL REQUIRED TO ACHIEVE FORMATION LEVEL.
	7,430	REUSABLE CUT GENERATED FROM SITE (REUSABILITY TO BE CONFIRMED SUBJECT TO FURTHER TESTING)
	3,840	ADDITIONAL IMPORT OF MATERIAL REQUIRED TO ACHIEVE FORMATION LEVELS
VOLUMES GENERATED DO NOT INCLUDE FOR ANY COMPACTION / BULKING OF THE MATERIAL VOLUMES GENERATED DO NOT INCLUDE DRAINAGE/ SERVICES ARISING		

ELEVATIONS TABLE					
NUMBER	MINIMUM LEVEL	MAXIMUM LEVEL	COLOUR	AREA	VOLUME
1	-3.00	-2.00		113.307m2	11.332m3
2	-2.00	-1.00		3940.463m2	1598.143m3
3	-1.00	0.00		10482.554m2	8840.143m3
4	0.00	1.00		18265.131m2	17035.441m3
5	1.00	2.00		6626.155m2	3965.247m3
6	2.00	3.00		1334.990m2	719.222m3
7	3.00	4.00		199.692m2	29.335m3



GENERAL NOTES

- DO NOT SCALE THIS DRAWING.
- CONTRACTOR TO CHECK ALL DIMENSIONS AND REPORT ALL ERRORS AND OMISSIONS TO THE ENGINEER.
- ANY DISCREPANCY TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, SUBCONTRACTORS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS.

FILL CUT

THIS CUT/FILL ANALYSIS IS A COMPARISON OF EXISTING SITE STRIP VS PROPOSED FORMATION LEVEL, ASSUMING VARIED DEPTH OF STRIP AND VARIED CONSTRUCTION MAKEUP ACROSS THE SITE

CUT AND FILL ANALYSIS WITH 500mm DEPTH TO FORMATION PRESENTED

NOTES:

- HIGHWAY FORMATION IS BASED ON A CBR PERCENTAGE OF BETWEEN 2-5%. IN-SITU CBR TESTS TO BE CARRIED OUT AT FORMATION LEVEL TO HIGHWAY REQUIREMENTS

Rev.	Detail	By	Date
D	REVISED TO SUIT UPDATED LAYOUT	MK	21.05.26
C	ENGINEERING PLAN AMENDED TO REFLECT UPDATED ARCHITECT LAYOUT.	MK	12.11.25
B	ENGINEERING PLAN AMENDED TO REFLECT UPDATED ARCHITECT LAYOUT.	MK	17.09.25
A	ENGINEERING PLAN AMENDED TO REFLECT UPDATED ARCHITECT LAYOUT.	DH	14.12.22

Reinforcement schedules nos.

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Hale

Project

PHASE 5 RESIDENTIAL DEVELOPMENT AT CRYMLYN GROVE, SKEWEN

Drawing Title

CUT AND FILL ANALYSIS

Project No. C1600

Drawing No. C-SK05

Scales 1:500

Date 20.05.21

Revision

Drawn CH

Checked DH

Sheet Size A1

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