

SURFACE LEVEL DATA					
NO.	COLOUR	MINIMUM LEVEL	MAXIMUM LEVEL	VOLUME	AREA
1	Red	-2.00	-1.50	0.005	0.246
2	Orange	-1.50	-1.00	14.912	108.844
3	Light Orange	-1.00	-0.50	170.571	722.323
4	Light Green	-0.50	0.00	997.304	2664.855
5	Yellow	0.00	0.50	8694.677	4354.583
6	Light Green	0.50	1.00	6391.187	4446.985
7	Green	1.00	1.50	4560.639	3126.454
8	Light Green	1.50	2.00	2787.448	3642.928
9	Green	2.00	2.50	1372.853	2137.229
10	Light Green	2.50	3.00	528.820	1423.037
11	Green	3.00	3.50	54.651	316.562
12	Dark Green	3.50	4.00	1.420	14.302

SURFACE TO SURFACE BULK CUT/FILL SUMMARY	
NAME	EXISTING SURFACE vs PROPOSED SURFACE
2D AREA	22,958,350 sqm
CUT	1,182,793 cu.
FILL	24,391,694 cu.
NET	23,208,901 cu.<FILL>



DO NOT SCALE

- KEY**
- MAJOR CONTOUR 0.5m INTERVALS
  - MINOR CONTOUR 0.1m INTERVALS
  - CUT/FILL 0.00 LEVEL

**CUT AND FILL NOTES:**

- DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT PROJECT DRAWINGS
- THIS BULK EARTHWORKS EXERCISE INDICATES THE POTENTIAL EARTHWORKS RESULT BASED ON A SIMPLIFIED SURFACE COMPARISON BASIS ONLY
- THIS PLAN SHOWS A CUT AND FILL VOLUME COMPARISON BETWEEN THE FOLLOWING TWO SURFACES:  
21883-HYD-XX-XX-M3-C-0800 EXISTING SURFACE DESIGN &  
21883-HYD-XX-XX-M3-C-0820 PROPOSED SURFACE DESIGN
- THIS IS GEOMETRIC VOLUME ANALYSIS AND THEREFORE NO ALLOWANCE HAS BEEN MADE FOR BULKING AND SHRINKING OF ANY MATERIAL OR GEOTECHNICAL SUITABILITY OF MATERIAL REUSE IN THE FINAL CONSTRUCTION. CONTRACTOR TO CONSULT THE GROUND INVESTIGATION AND INSTRUCT A DETAILED EARTHWORKS STRATEGY AND MATERIALS MANAGEMENT PLAN, BASED ON THE FINAL CUT AND FILL VOLUME ASSESSMENT TO DETERMINE FINAL SOLUTION.
- NO REFERENCE HAS BEEN MADE TO INTERPRETATIVE OR FACTUAL

GROUND INVESTIGATION AND NO CONSIDERATION HAS BEEN MADE IN RELATION TO THE GEOTECHNICAL ACCEPTABILITY OF EXISTING EXCAVATED MATERIALS FOR REUSE IN FILL AREAS  
CUT/FILL VOLUMES HAVE BEEN DERIVED BETWEEN EXISTING GROUND LEVELS AND FINISHED GROUND LEVELS TAKING NO ALLOWANCE FOR TOP SOIL, DEMOLITION OR ANY OTHER CONSTRUCTION VOLUMES (INCLUDING BUT NOT LIMITED TO FEATURES SUCH AS SOFT SPOTS, BURIED OBSTRUCTIONS, CONSTRUCTION MAKE-UP, FOUNDATIONS, DRAINAGE, ARISING ETC.)  
ALL EXCAVATED MATERIALS SHOULD BE DISPOSED OF BY A SUITABLY LICENSED WASTE CARRIER WITH APPROPRIATE TESTING. IF EXCAVATED MATERIALS ARE TO BE RE-USED ON SITE THEN A MATERIALS MANAGEMENT PLAN MIGHT BE REQUIRED.

**REVISIONS**

Rev.	First Issue	18/09/24	AS	ML   ML
	Revision Notes	Date	Drawn By	Checked   Approved

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CLIENT  
**POBL HOMES AND COMMUNITIES**

PROJECT  
**RESIDENTIAL DEVELOPMENT  
AT GWYNFAEN (PHASE 2)**

TITLE  
**CUT AND FILL**

HYDROCK PROJECT NO.  
**C-21883**

SCALE @ A1  
**NTS**

STATUS DESCRIPTION  
**SUITABLE FOR INFORMATION**

DRAWING NO.  
**21883-HYD-XX-XX-DR-C-1200**

STATUS  
**S2**

REVISION  
**P01**

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