



LEGEND

- IM CONTOUR
- 20CM CONTOUR
- GABION WALL (DESIGNED BY OTHERS)

Change in Elevation			
Number	Minimum Elevation	Maximum Elevation	Colour
1	-1.90	-1.80	
2	-1.80	-1.60	
3	-1.60	-1.40	
4	-1.40	-1.20	
5	-1.20	-1.00	
6	-1.00	-0.80	
7	-0.80	-0.60	
8	-0.60	-0.40	
9	-0.40	-0.20	
10	-0.20	-0.02	
11	-0.02	0.02	
12	0.02	0.20	
13	0.20	0.40	
14	0.40	0.60	
15	0.60	0.80	
16	0.80	1.00	
17	1.00	1.20	
18	1.20	1.40	
19	1.40	1.60	
20	1.60	1.80	
21	1.80	2.00	
22	2.00	2.03	

NOTES:

1) EXISTING LEVELS, PITCH LAYOUT AND BACKGROUND DETAIL TAKEN FROM DRAWING 1003 (03) 21 P PROPOSED SITE PLAN, BY THE SPORTS CONSULTANCY.

2) EARTHWORKS VOLUMES SYNTHETIC PITCHES (NORTHERN PLATEAU)

TOP SOIL STRIP (INC BATTER SLOPES)
2213m² (AREA) X 0.3m (DEPTH) = 6634m³

SUBSOIL FORMATION LEVEL
CUT = 8055m³, FILL = 7283m³, NET = 772m³ (CUT)

BUILD UP MATERIAL IMPORT (PLATEAU ONLY)
20205m² (AREA) X 0.3m (DEPTH) = 6061m³

TOPSOIL REPLACEMENT (BATTER SLOPES ONLY)
1908m² (AREA) X 0.3m (DEPTH) = 572m³

3) EARTHWORKS VOLUMES CAR PARK / ROAD

TOP SOIL STRIP (INC BATTER SLOPES)
3740m² (AREA) X 0.3m (DEPTH) = 1122m³

SUBSOIL FORMATION LEVEL
CUT = 158m³, FILL = 149m³, NET = 11m³ (FILL)

BUILD UP MATERIAL IMPORT (PLATEAU ONLY)
3740m² (AREA) X 0.3m (DEPTH) = 1122m³

TOPSOIL REPLACEMENT (INC BATTER SLOPES)
32m² (AREA) X 0.3m (DEPTH) = 9.6m³

4) NATURAL TURF PITCHES (SOUTHERN PLATEAU)

TOP SOIL STRIP (INC BATTER SLOPES)
21543m² (AREA) X 0.3m (DEPTH) = 6463m³

SUB SOIL FORMATION LEVEL
CUT = 2323m³, FILL = 8951m³, NET = 6628m³ (FILL)

TOPSOIL REPLACEMENT (INC BATTER SLOPES)
21543m² (AREA) X 0.3m (DEPTH) = 6463m³

P5 30/04/24	BACKGROUND MAPPING AND CLIENT LAYOUT UPDATED. NATURAL TURF PLATEAU AND ATTENUATION POND VOLUMES RECALCULATED.
P4 05/12/23	BACKGROUND MAPPING AND CLIENT LAYOUT UPDATED. CAR PARK REVISED AND VOLUMES RECALCULATED.
P3 05/12/23	BACKGROUND MAPPING AND CLIENT LAYOUT UPDATED. CAR PARK EXTENDED AND VOLUMES RECALCULATED.
P2 30/10/23	BACKGROUND MAPPING AND CLIENT LAYOUT UPDATED. TOPSOIL STORAGE BUND EXTENDED, ATTENUATION SWALE ADDED.
P1 05/07/23	RELEASED FOR COMMENT

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TITLE
ISOPACHYTES

CLIENT
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NORTHERN ARC, BURGESS HILL

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SCALE 1:750_AI DRAWN OM CHECKED JW