

- NOTES:**
1. This drawing should be read in conjunction with all relevant drawings (Architectural and Engineering).
 2. This drawing is provided to illustrate the excavation depths required from existing ground to formation levels throughout the site. Existing levels indicated taken from Topographical Survey provided by the client.
 3. All measurements shown are in metres, and all levels are to ordnance datum unless otherwise indicated.
 4. All Coordinates are to Irish Grid, unless otherwise noted.

LEGEND:

- Existing Primary Contours
- Existing Secondary Contours
- Complete Development Site Boundary
- Fill Area - Area for deposition for the excavation materials.

CUT Depth Bands

- Band 1 -0.00 - -0.50
- Band 2 -0.50 - -1.00
- Band 3 -1.00 - -5.00
- Band 4 -5.00 - -11.00

FILL Depth Bands

- Band 1 0.00 - 0.50
- Band 2 0.50 - 1.00
- Band 3 1.00 - 5.00
- Band 4 5.00 - 8.00

Deposition / Fill Area 1
 Total volume available for deposition / fill approximately 15848m³.
 Deposition / Fill to be graded to formation level of completed site infrastructure / pavements


Deposition / Fill Area 2
 Total volume available for deposition / fill approximately 20492m³.
 Deposition / Fill to be graded to formation level of completed site infrastructure / pavements

Deposition / Fill Area 3
 Total volume available for deposition / fill approximately 65907m³.
 Deposition / Fill to be graded to formation level of completed site infrastructure / pavements. Area of grading to remain with site works area of completed development and not extent beyond

This drawing illustrates the areas of deposition / fill that would be achievable for the surplus excavated material from the Phase 1 construction. As illustrated there are 3 areas of deposition / fill potentially available for the fill. These areas would be raised to formation levels of the completed scheme pavements / infrastructure allowing for minimized future earthworks / grading / excavation of material.

Total volume potentially available to pavement / infrastructure formation levels across the three areas approx 102147m³

Cavan Regional Sports Campus RIBA STAGE 2 - CIVIL - CUT/FILL CALCS (FOR COSTING) PHASE 1				
	ITEM		m ³	NOTES
1	CUT (IN-SITU)	General formation level dig: (excl. road, pavements, utilities)	118,318	Applicable to all Road / Pavement / Hardplay area
		Externals - Pavement dig including foundation dig of 1m for pad: (includes roads, pavements & hard play)	39,909	
		TOTAL CUT INCREASED BY 15%	181,961	
2	FILL (IN-SITU)	General: (for re-distribution of levels)	71,644	
		TOTAL FILL INCREASED BY 15%	82,391	

Rev	Issue Date	Description	App
Status FOR PLANNING			
Client Cavan County Council			
Project Cavan Regional Sports Campus			
Drawing Proposed Earthworks Layout Phase 1 - Overview			
Scale 1:2000 @ A1			
 McAdam <small>ENHANCING LOCAL COMMUNITIES</small>			
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Drawn	PC	Checked	PA
Date	27/02/2024	Date	27/02/2024
Project		Organisation	Zone
CRSP		MCA	00
Project Number		Level	Type
A2156		DR	C
Status code & Description		Number	Revision
S4		1801	P1

All dimensions are in metres. Figured dimensions to be taken in preference to scale dimensions. Dimensions to be checked on site. © 2021 McAdam Design Ltd.