



## BENCHED FILL EARTHWORKS

Scale 1:50

**NOTES:**

1. All dimensions are in millimeters unless stated otherwise. All levels are in meters referenced to AOD.
2. This drawing should be read in conjunction with all relevant drawings (Architectural and Engineering).
3. Preparation of formation levels -
  - 3.1. Any soft spots should be excavated first and back-filled with suitable well-compacted Class 6F2 granular material in accordance with TII CC-SPW-00600. Where a membrane is to be installed the fill or capping layer must be blinded with fine material to protect the membrane.
  - 3.2. The subgrade, or original ground formation, should be prepared by stripping all vegetation and topsoil, trimming to level (at least 75mm deep) and compacting, in accordance with the 'Specification for Road Works' CC-SPW-00600 Clause 616, to a tolerance within +20mm to -30mm.
  - 3.3. California Bearing Ratios must be checked on site by completion of in-situ CBR tests prior to construction as redesign of pavement reinstatement may be necessary.
  - 3.4. Any filling should be carried out in layers not exceeding 150mm thickness, with each layer compacted before the next spread.
  - 3.5. The prepared formation shall be treated with a total weed-killer selected to minimise the risk of future weed growth within the construction.
4. This drawing indicates reinstatement depths for all pavements within the proposed site. The drawing should be read in conjunction with all respective Proposed Layout Drawings.
5. Should there be any discrepancy between details indicated on this drawing and those indicated on any Architect drawings this should be highlighted prior to construction.
6. If precast units are used, internal dimensions shown/specified may be varied to suit manufacturer's dimensions provided minimum dimensions are maintained.
7. All details illustrated are to be constructed in accordance with manufacturers specifications/ guidelines.
8. The Contractor shall confirm on site, the position and level of existing infrastructure including existing services prior to commencing any work.
9. Any significant difference in line and level that will affect the overall design shall be referred to the Project Manager at the earliest opportunity.
9. The Pavements Designs are based on the Specification for Road Works CC-SPW-00700, 00800 & 00900
10. No Allowance has been made for Construction Traffic. Contractor to ensure pavement structure not affected by Construction Traffic unless otherwise indicated.
11. All Pavement Construction Material Within 450mm of the Surface to be Non Frost Susceptible
12. Coarse Graded Aggregate (Storage Layer)  
To comply with IS EN 13242 - 'Aggregates for unbound and hydraulically bound materials for use in civil engineering work and construction', 4-20mm particle size coarse aggregate. Crushed and naturally occurring rounded gravels will not be suitable. Material to be washed free of fines

Rev	Issue Date	Description	App

Status	PLANNING
Client	Cavan County Council
Project	Cavan Regional Sports Campus
Drawing	Construction Details - Pavement Details
Scale	As Shown @ A1



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Drawn	PC	Checked	PA	Approved	PA
Date	14/02/2024	Date	14/02/2024	Date	14/02/2024

Project: CRSP - MCA - 00 - 00 - DR - C - 3002 - P1

Project Number	A2156	Status code & Description	S4
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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.