

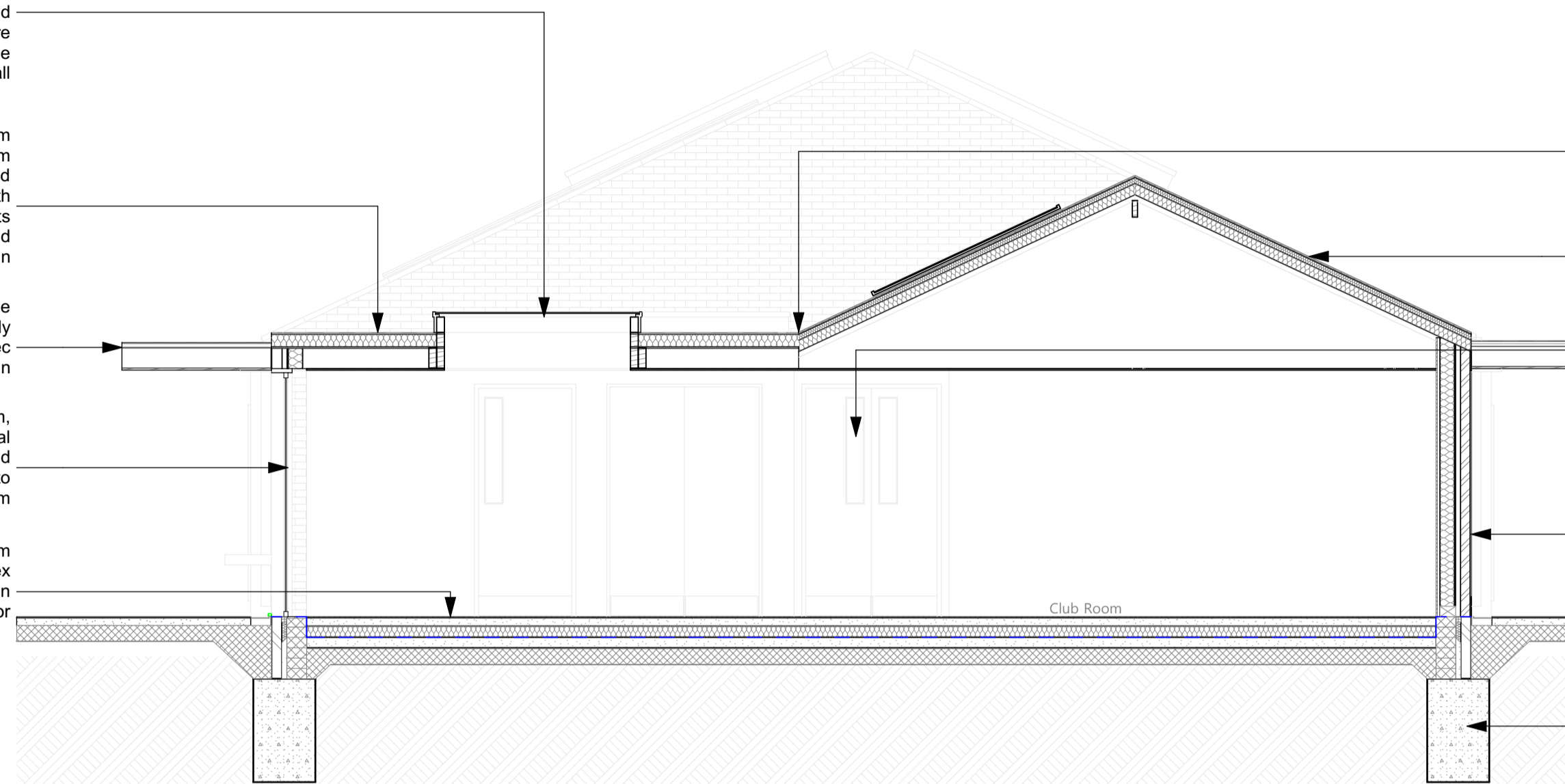
Rooflight to be rectangular flat roof light suitable for flat roof and installed in strict compliance with Manufacturer's instructions including fitting all relevant flashing kits etc. Rooflight to be positioned centrally within club room space below and to have min. 150mm upstand. Contractor to double up joists and trimmers around openings and to ensure selected rooflights are suitable for the flat roof. Glazing to achieve a minimum U-value of 1.1W/m<sup>2</sup>K and have a minimum G-Value of 0.42. Allow for all trims and flashings within manufacturer's standard details.

Roof to be warm roof construction to achieve minimum 0.18W/m<sup>2</sup>K. Sika Trocal single ply roofing membrane on 120mm insulation on vapour barrier on 22mm roofing plywood on treated sw firings, timber joists as specified by timber company, with 12.5mm gyproc duplexboard & skim to underside. Joists doubled-up either side of roof light opening (see spec and elevations for details). Allow for all trims and flashings within manufacturer's standard details.

Roof structure to be designed and specified by timber frame manufacturer. Flat roof canopy to be finished with single ply membrane to timber frame company's specification (see spec and elevations for details). Allow for all trims and flashings within manufacturer's standard details.

Sliding doors to be dark grey powder coated aluminium, incorporating double glazed units and vents. Glazing in critical locations (up to 1500mm above floor levels) to be toughened glass in accordance with Approved Document N. Glazing to achieve a minimum U-value of 1.1W/m<sup>2</sup>K and have a minimum G-Value of 0.42.

New floor to be finished to Client's specification on min. 75mm sand/cement screed, laid on a vapour barrier on 100mm Celotex floor insulation on 100mm concrete floor slab on 1200g visqueen damp proof membrane min 150mm sand blinded hardcore. Floor construction to achieve minimum 0.10W/m<sup>2</sup>K.



Ensure continuity of weathering between roof materials.

Roof structure to be designed and specified by timber frame manufacturer. Pitched roof to be finished with Kingspan Standing Seam Roof Panel KS1000Zip, PPC dark grey steel, fixed through breather membrane with 100mm additional insulation between rafters (see spec and elevations for details). Pitched roof to achieve a minimum U-value of 0.14W/m<sup>2</sup>K. Allow for all trims and flashings within manufacturer's standard details.

All door to be painted timber with protective kickplate.

Timber wall build up to be either steel cassette system on proprietary framing fixed back to blockwork or red facing brick externally with 50mm cavity, on Thermo breather membrane on 9mm OSB Sheathing. Timber stud filled with minimum 150mm insulation (100mm rigid Insulation and min 50mm site fixed flexible insulation). Finished internally with plasterboard and skim on vapour control layer. External cavity walls to be designed and specified by timber frame manufacturer. Walls to be clad with either red facing brick work or dark grey steel (see spec and elevations for details). Wall to achieve min U-Value of 0.20W/m<sup>2</sup>K. If brick externally, bricks to be anchored to timber frame using galvanised timber frame-to-brick wall ties as supplied by timber company. If steel cassette system, contractor to allow for all trims and flashings within manufacturer's standard details.

Foundations are indicative only. Foundation to be constructed to SE's design and recommendations.

Proposed Section CC  
1:50

Timber wall build up to be either steel cassette system on proprietary framing fixed back to blockwork or red facing brick externally with 50mm cavity, on Thermo breather membrane on 9mm OSB Sheathing. Timber stud filled with minimum 150mm insulation (100mm rigid Insulation and min 50mm site fixed flexible insulation). Finished internally with plasterboard and skim on vapour control layer. External cavity walls to be designed and specified by timber frame manufacturer. Walls to be clad with either red facing brick work or dark grey steel (see spec and elevations for details). Wall to achieve min U-Value of 0.20W/m<sup>2</sup>K. If brick externally, bricks to be anchored to timber frame using galvanised timber frame-to-brick wall ties as supplied by timber company. If steel cassette system, contractor to allow for all trims and flashings within manufacturer's standard details.

Splayed bulkhead wall to rooflight above.

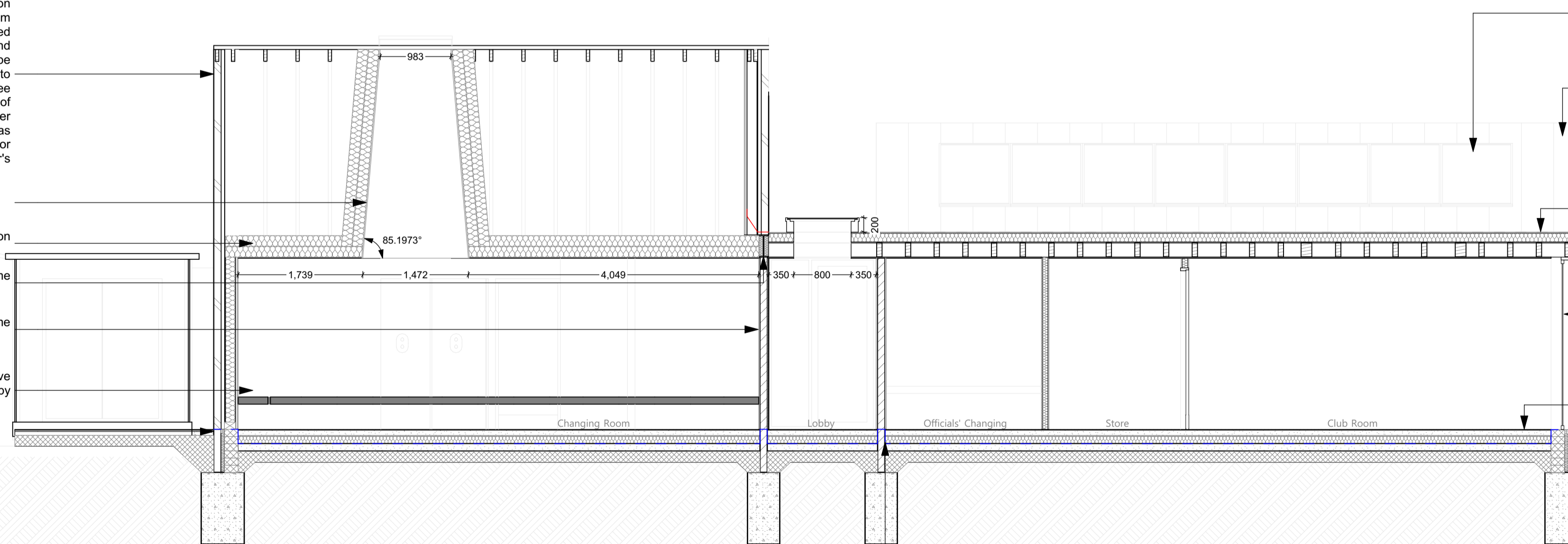
Flat ceiling under pitched roof to have 300mm insulation laid on top.

Structural beam to be specified and designed by timber frame company.

Load bearing walls to be specified and designed by timber frame company.

Timber benching in changing rooms to be built in and to have storage compartments underneath. Finish to be selected by client.

Damp proof course to underside of all primary soleplates.



Solar panels to be specified by M and E engineer.

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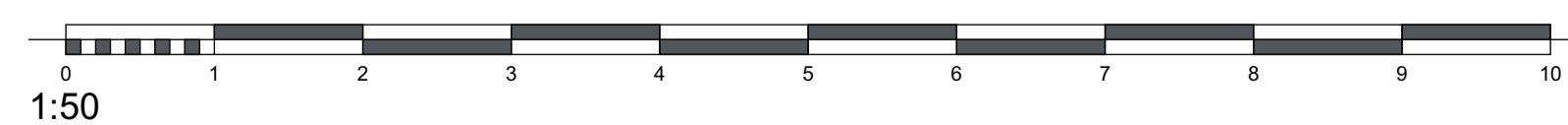
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DPC lapped and sealed with DPM.

Proposed Section BB  
1:50



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Checked by:

EW

Revisions:

Layout	Change Name	Issue Date
		25/04/2021
	Notes Amendments	27/05/2021

This drawing is for Building Regulation purposes only. This is not a Construction Issue drawing.

RevID	Issue Name	Issue Date	Issued By
01	WIP BR Issue	20/04/2021	MarkBranch
02	Building Regs 01	27/05/2021	MarkBranch

ArchCAD

Project:  
Proposed Pavilion  
Bishop's Itchington Sports Pavilion  
Chapel Street  
Bishop's Itchington  
Client:  
Bishop's Itchington Parish Council

Drawing Title:  
Proposed Sections CC and DD

Date:  
27/05/2021

Purpose of Issue:  
Building Control

Drawn by: MLB 1:50 Size: A1

Drawing No: 1485-0604-02 Rev:



Building Control