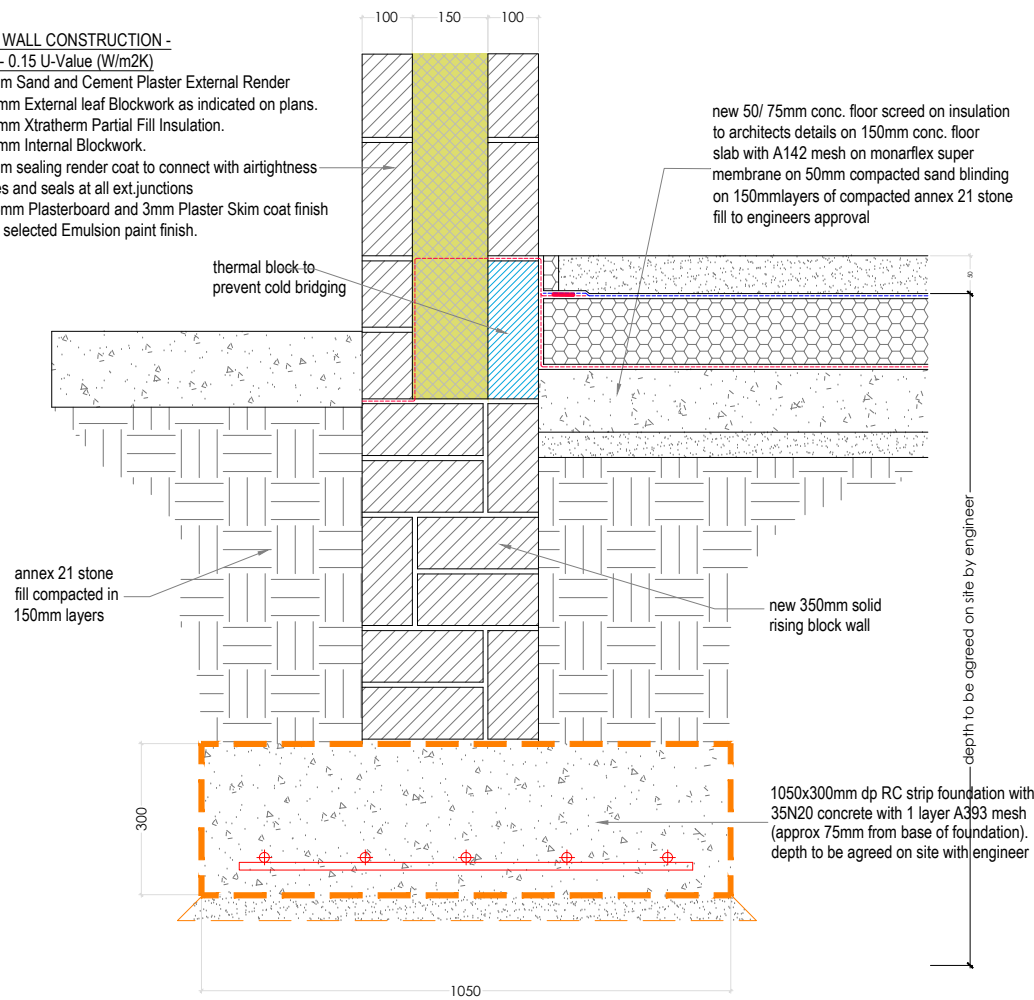


EXTERNAL WALL CONSTRUCTION -

To provide - 0.15 U-Value (W/m2K)

- 18mm Sand and Cement Plaster External Render
- 100mm External leaf Blockwork as indicated on plans.
- 150mm Xtratherm Partial Fill Insulation.
- 100mm Internal Blockwork.
- 10mm sealing render coat to connect with airtightness tapes and seals at all ext.junctions
- 12.5mm Plasterboard and 3mm Plaster Skim coat finish with selected Emulsion paint finish.



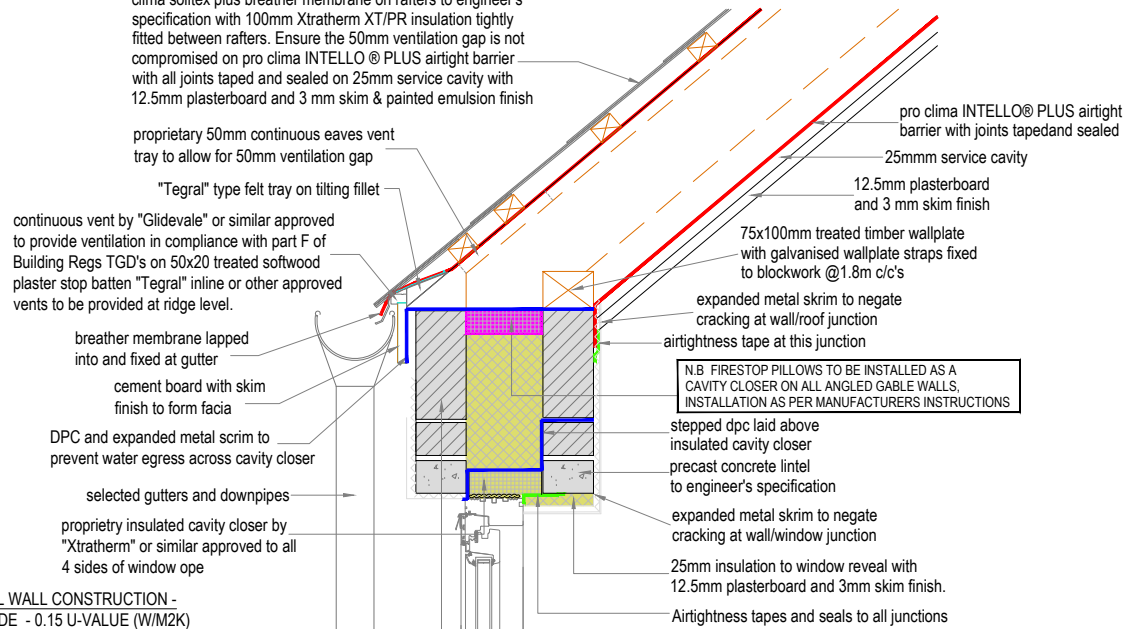
TYPICAL FOUNDATION DETAIL

SCALE 1:15

PITCHED ROOF (on slope) CONSTRUCTION -

To provide 0.16 U-Value (W/m2K)

blue/black or fibre cement slate on treated sw batten, on pro clima solitex plus breather membrane on rafters to engineer's specification with 100mm Xtratherm XT/PR insulation tightly fitted between rafters. Ensure the 50mm ventilation gap is not compromised on pro clima INTELLO® PLUS airtight barrier with all joints taped and sealed on 25mm service cavity with 12.5mm plasterboard and 3 mm skim & painted emulsion finish



EXTERNAL WALL CONSTRUCTION -

TO PROVIDE - 0.15 U-VALUE (W/M2K)

- 18mm sand and cement plaster external render
- 100mm external leaf blockwork as indicated on plans.
- 150mm xtratherm partial fill insulation.
- 100mm internal blockwork.
- 10mm sealing render coat to connect with airtightness tapes and seals at all ext.junctions
- 12.5mm plasterboard and 3mm plaster skim coat finish with selected emulsion paint finish.

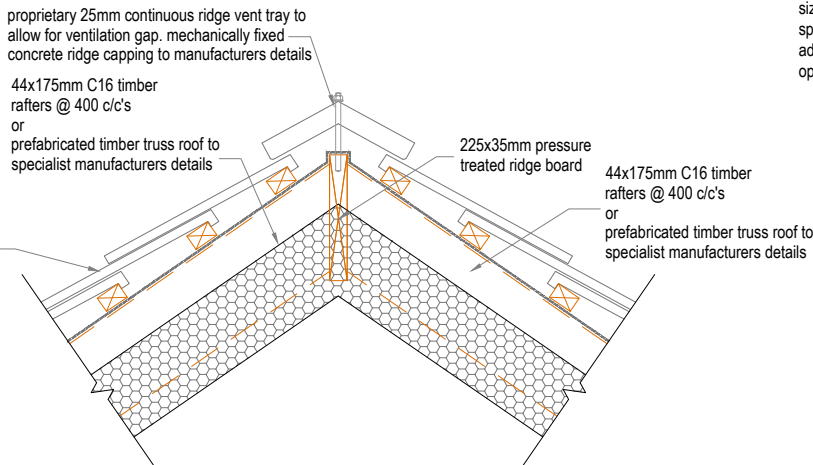
TYPICAL EAVES DETAIL

SCALE 1:15

PITCHED ROOF(on slope) CONSTRUCTION -

To provide 0.16 U-Value (W/m2K)

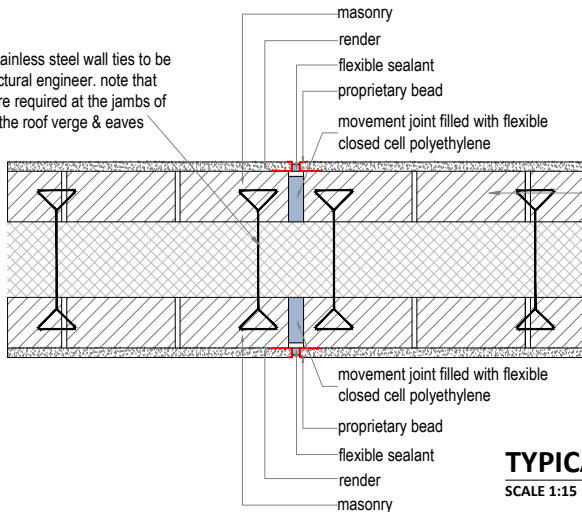
blue/black or fibre cement slate on treated sw batten, on pro clima solitex plus breather membrane on rafters to engineer's specification with 100mm Xtratherm XT/PR insulation tightly fitted between rafters. Ensure the 50mm ventilation gap is not compromised on pro clima INTELLO® PLUS airtight barrier with all joints taped and sealed on 25mm service cavity with 12.5mm plasterboard and 3 mm skim & painted emulsion finish



TYPICAL RIDGE DETAIL

SCALE 1:15

size & locations of stainless steel wall ties to be specified by the structural engineer. note that additional wall ties are required at the jambs of openings and along the roof verge & eaves



TYPICAL MOVEMENT JOINT DETAIL

SCALE 1:15

EXTERNAL WALL CONSTRUCTION -

TO PROVIDE - 0.15 U-VALUE (W/M2K)

- 18mm sand and cement plaster external render
- 100mm external leaf blockwork as indicated on plans.
- 150mm xtratherm partial fill insulation.
- 100mm internal blockwork.
- 10mm sealing render coat to connect with airtightness tapes and seals at all ext.junctions
- 12.5mm plasterboard and 3mm plaster skim coat finish with selected emulsion paint finish.

Rev: By: Amendments: Date:

GORDON MITCHELL

CONSULTING ENGINEERS
CIVIL, STRUCTURAL & PROJECT MANAGEMENT

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STRUCTURAL DESIGN PURPOSES ONLY

Client: **Saint Joseph's National School**

Job: **Extensions and Alterations to Existing School at Saint Joseph's National School, Church View Collooney, Co. Sligo, F91 A076**

Drawing title: **Typical Details Sheet 1**

Drawn By: AS Tech. Check: AS

Scale: 1:15 @ A3 Eng. Check: GM

Date: 05.06.2026 Approved: GM

Drawing No: **25-017-06**

Rev: **S0**