

Mineral capping sheet dressed over underlay as BS 6229

New PIR insulation laid to falls as specified to achieve 0.18W/m2K
Vapour control layer bonded to boarding

18mm OSB3 Structural board

C24 joists 47mm x 170mm at 600mm centres in accordance with A18 table for Flat Roofs minimum imposed roof loading 0.75KN/m2.
Secure on joist hangers to external all and all straps over existing all plate dressed don internal walls 1500mm. Plug and screw to all at 300mm centres.

New suspended ceiling at heights shown and as schedule of works.

New PVCu windows as schedule of works. Glazing to meet Regulations. Complete with self finished window boards internally.

Externally sill to project minimum 38mm from brickwork face.

Close off reveals with Catnic or Thermabate cavity closers.

New cavity walls - 100mm outer brick in facing bricks above dpc. Class B Engineering bricks below DPC to both leafs.
Internal leaf in Thermalite Block as specification.
Cavity 100mm partial filled with K108 Kootherm Foiled insulation board 50mm.
Internal wall finished in 37.5mm K116 board - all to meet 0.18W/m2K

Cavity wall ties to be vertical twist ties as specified.

Floor:
50mm screed reinforced with A98 mesh to engineers details.

150mm concrete slab with 1 layer of A252 mesh to engineers details.

75mm rigid Kootherm insulation board laid on 25mm finished level of sand blinding.

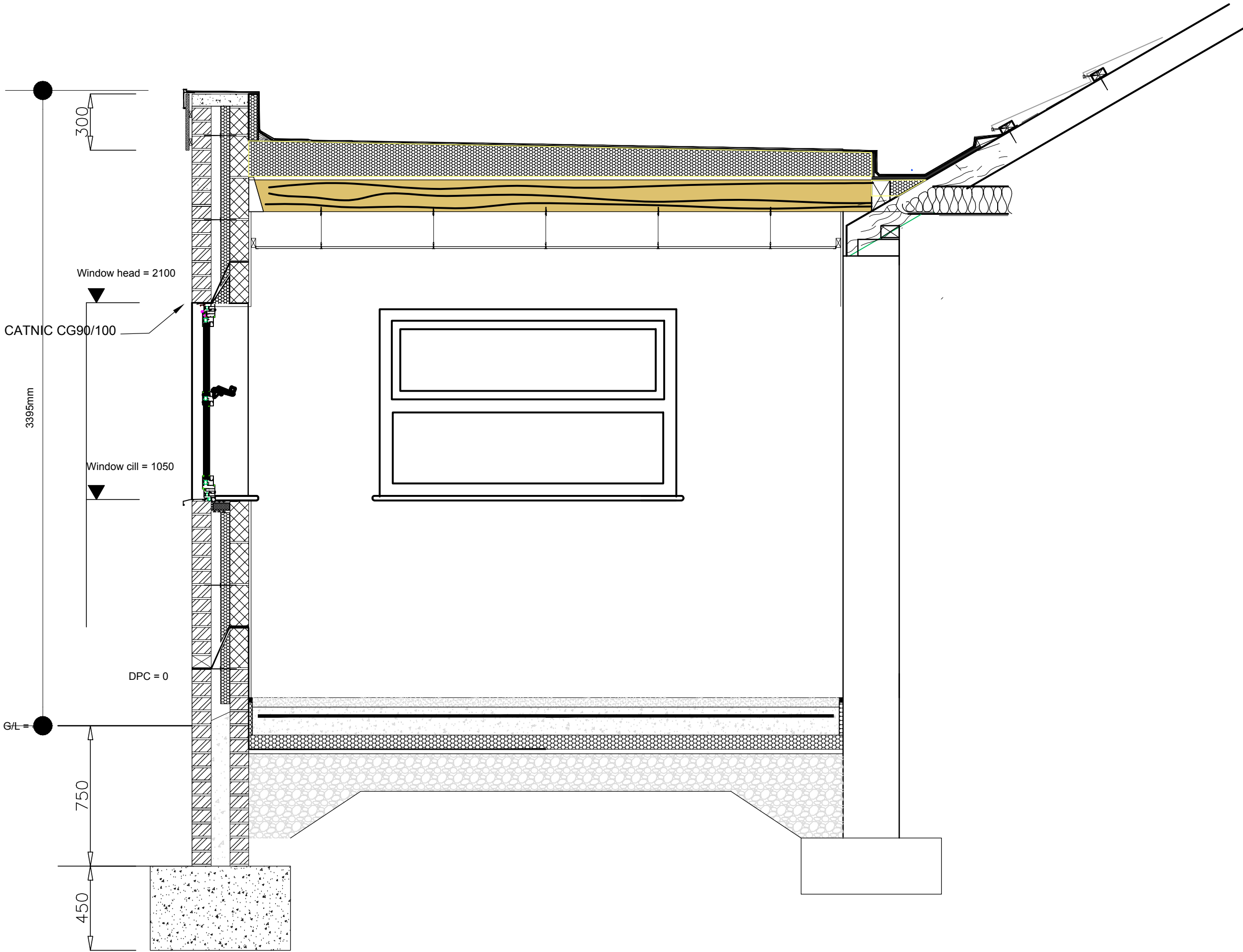
12000 gauge dpm lapped up at all sides and connect to dpc course.

Minimum 150mm hardcore levels and weed membrane cover as specified.

Foundation:

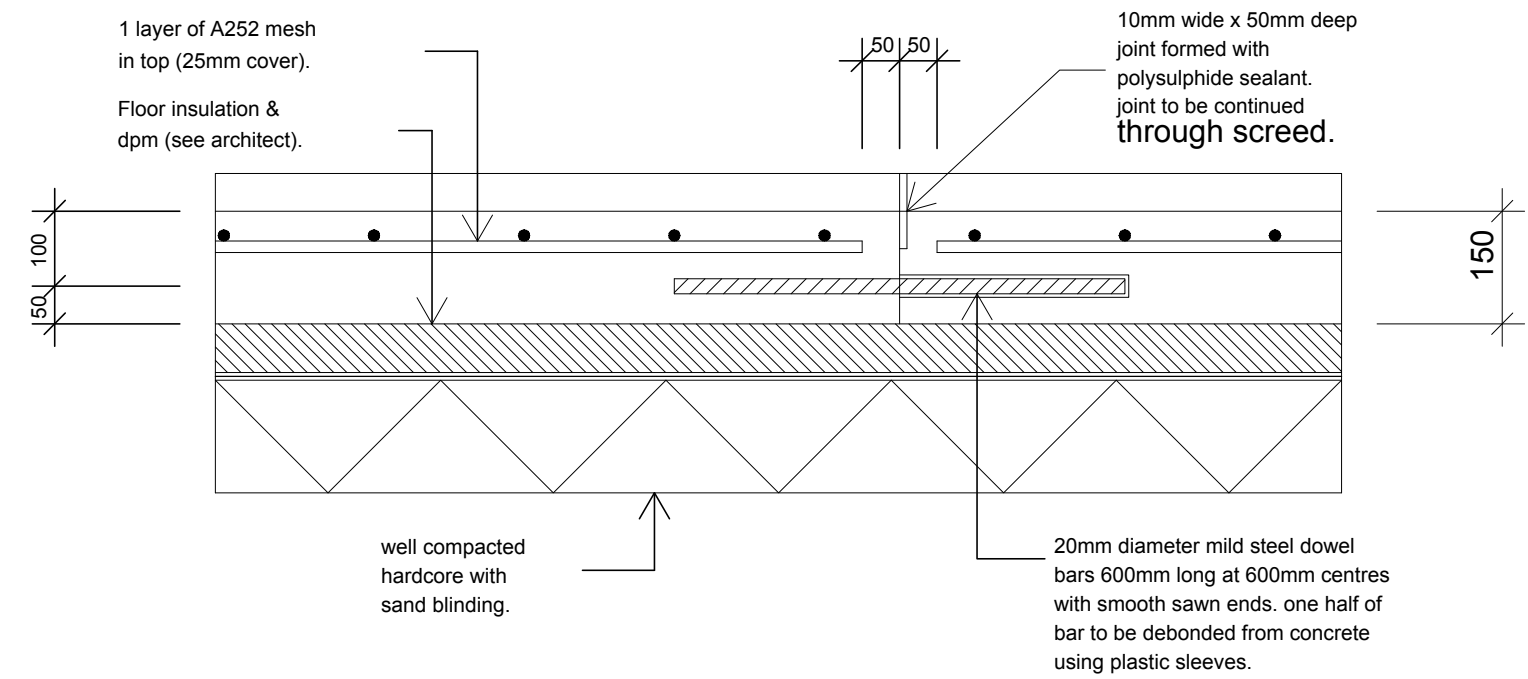
New foundation laid as engineers details. minimum 450mm deep x 600mm deep trench foundations in C35 concrete.

Dowel into existing foundations with minimum 3 nr 450mm long M20 dowel bars at 225mm centres and secure with resin into existing concrete foundations.



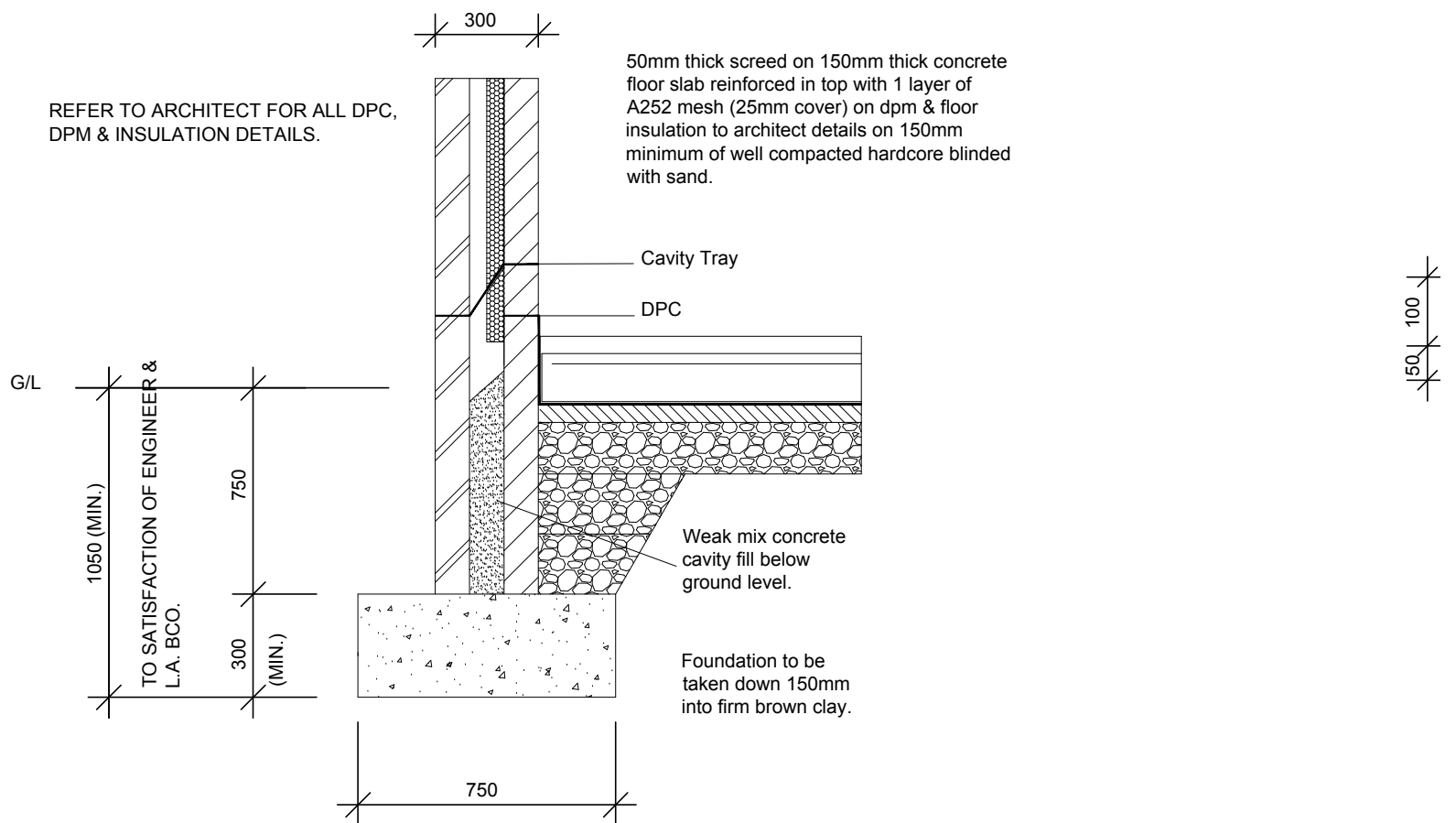
Proposed Section C - C New Extension

Scale 1:20 at A1



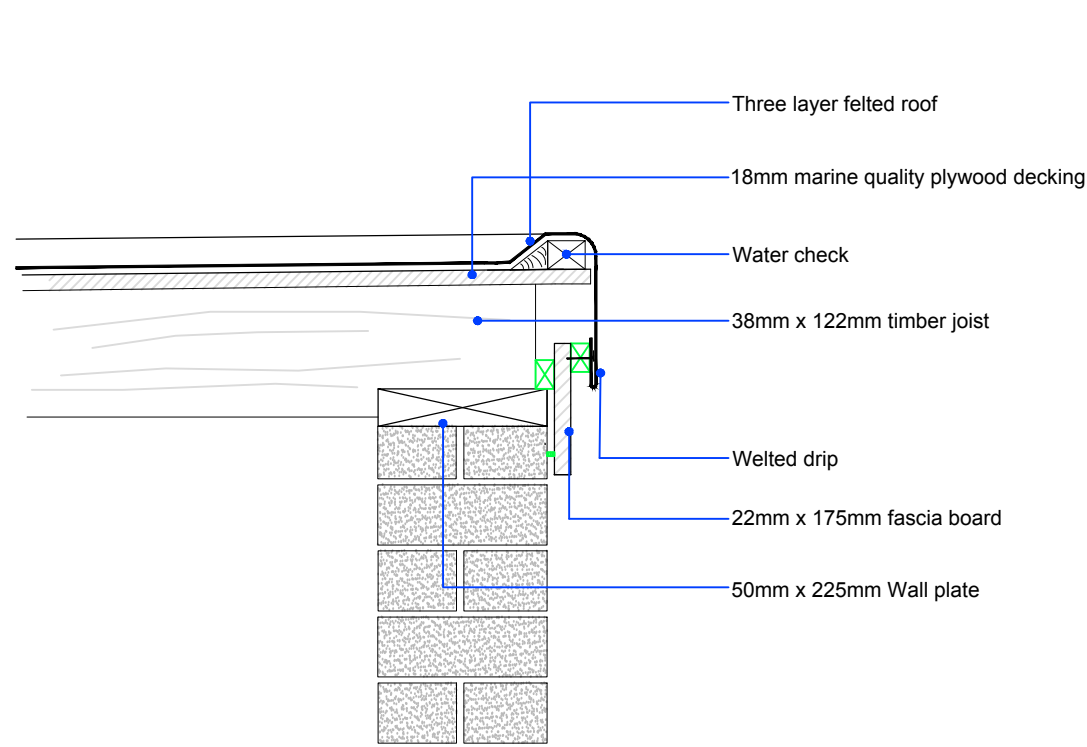
Typical Construction Detail

Scale 1:20 at A1



Typical Foundation Detail

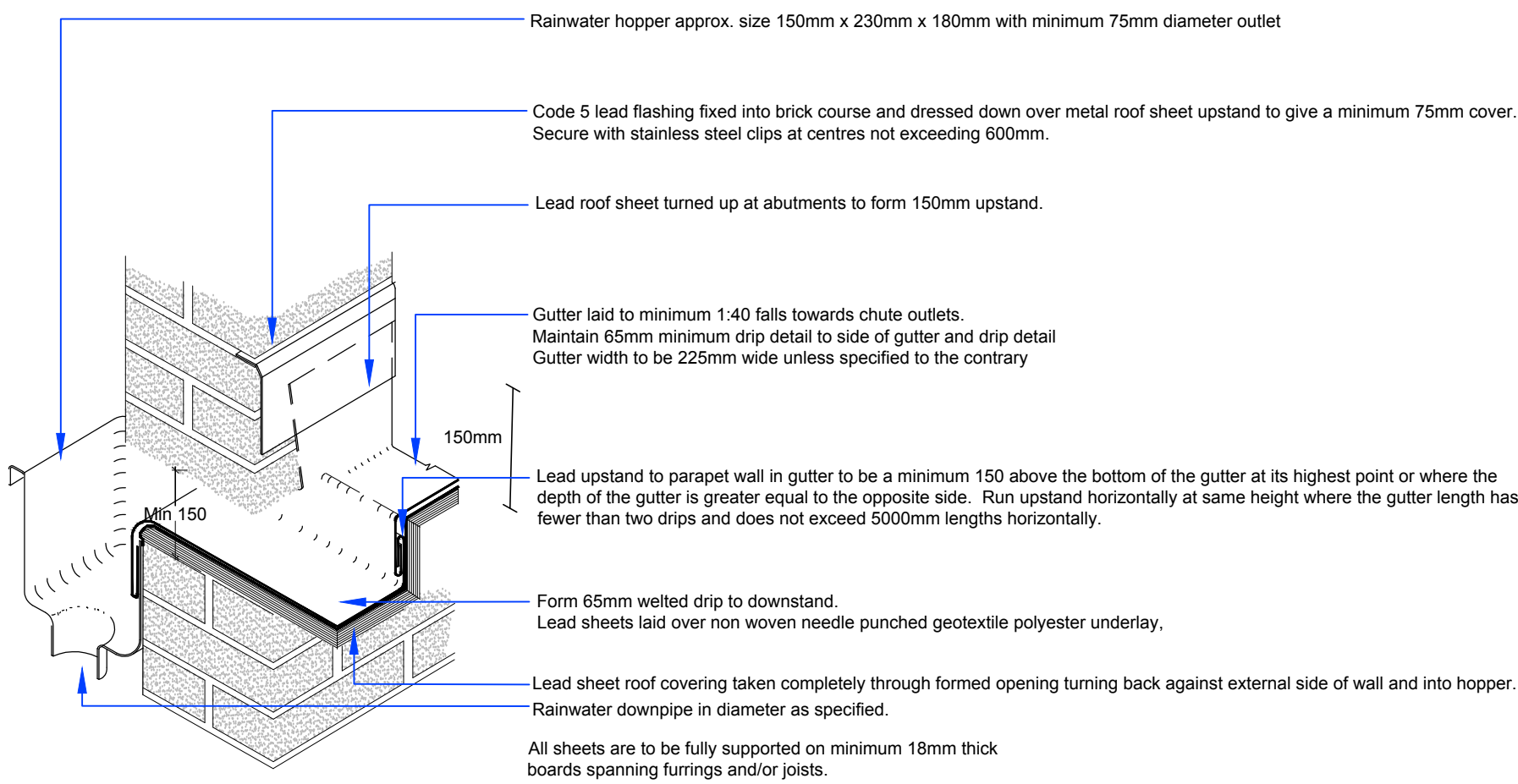
Scale 1:20 at A1



Detail 1

Typical Water Check Detail

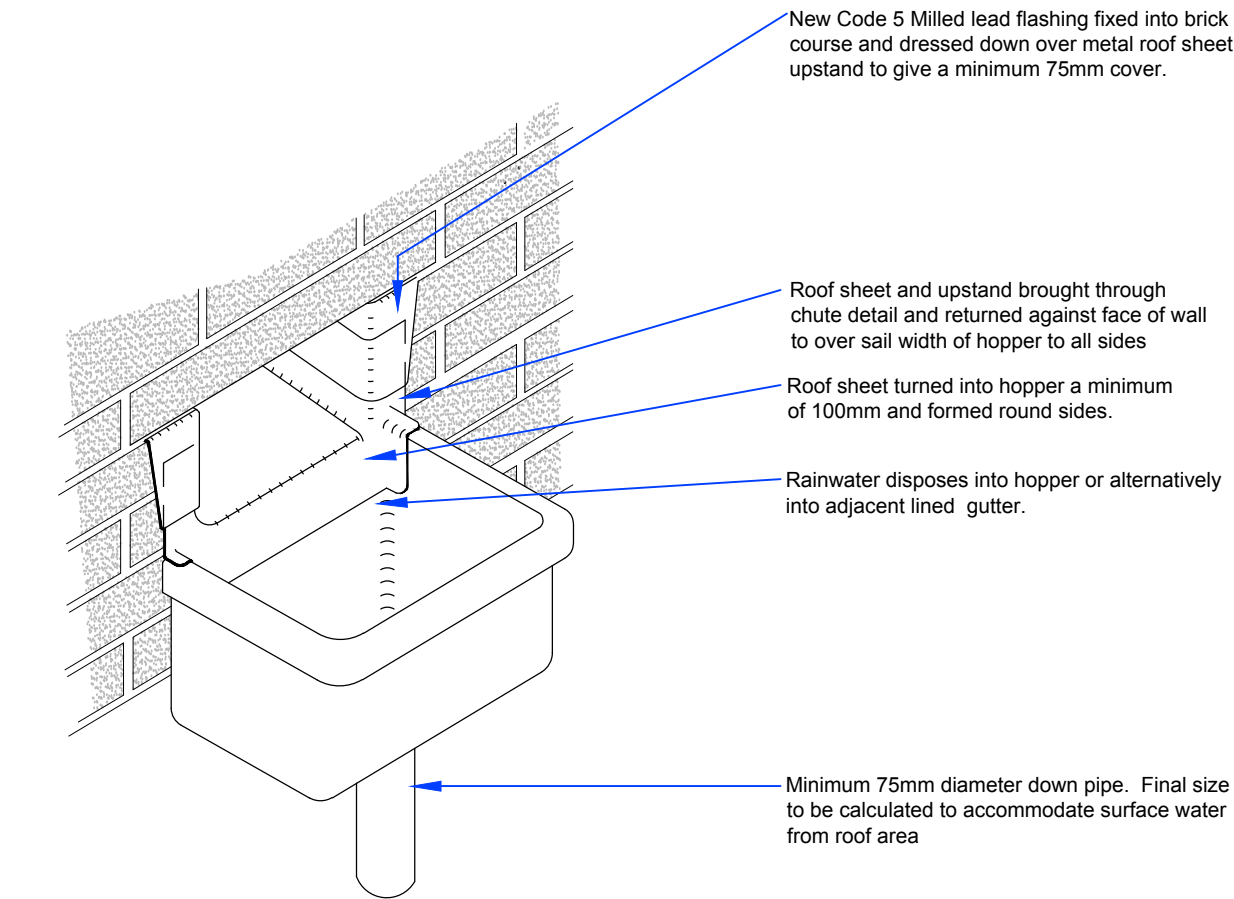
Scale 1:10 at A1



Detail 2

Typical Rainwater Chute Detail Internal View

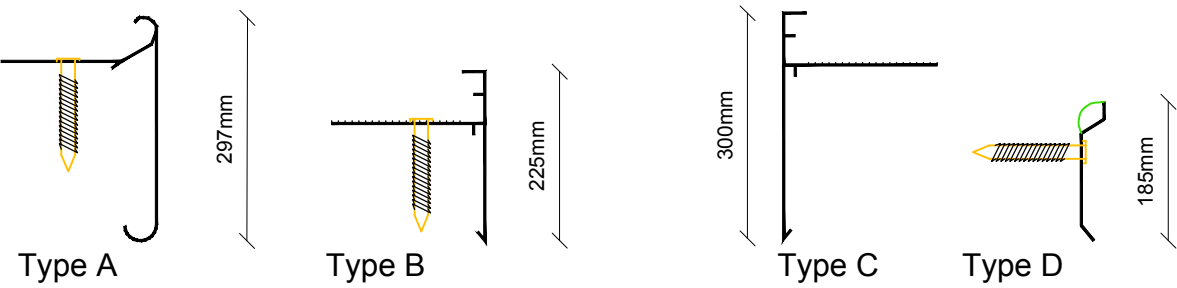
Scale 1:10 at A1



Detail 3

Typical Rainwater Chute Detail External View

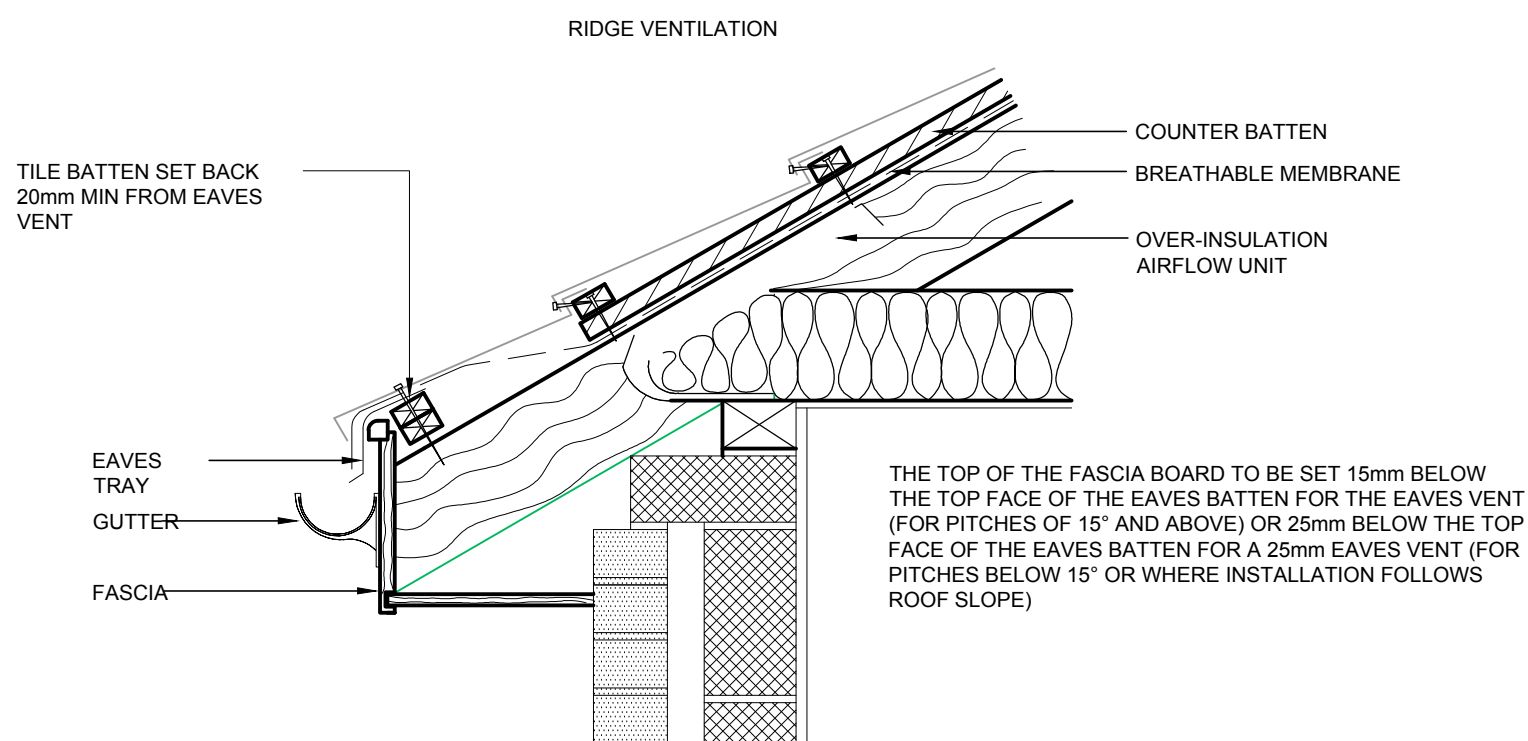
Scale 1:10 at A1



Detail 4

Typical Edge Trims Details

Scale 1:10 at A1



Detail 5

Typical Existing Metrotile Eaves Detail

Scale 1:10 at A1

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NOTES

Rev	Date	Comments	By

STATUS

TENDER

Client

Forward as One CE MAT
Gorsefield Primary School,
Robertson St, Radcliffe,
Manchester M26 4DW

Project Title

SBN Alterations & Associated
Works

Drawing Title

Detail Sheet 2

Scale 1:50 @A1	Drawn by SJ	Date April 2026
Job no. 2604-05	Drawing no. TA 06	Revision no. A

