

- BRICK SLIP OUTER LEAF BUILD-UP (TO PROVIDE 0.17W/m<sup>2</sup>K U-VALUE):
- 60mm GEBRIK BRICK SLIPS WITH POLYISOCYANURATE FOAM
  - 100mm KINGSPAN KOOLTHERM K12 INSULATION
  - BREATHER MEMBRANE
  - 12mm CEMBRIT CEMENT BOARD OR SIMILARLY APPROVED 150mm LIGHT STEEL FRAME SYSTEM WITH 150mm MINERAL WOOL INSULATION (0.038 THERMAL CONDUCTIVITY)
  - VCL
  - 15mm FIRELINE PLASTERBOARD
  - 12.5mm PLASTERBOARD - ALL JOINTS TO BE TAPED AND SEALED. SEAL ALL JUNCTIONS WITH INTUMESCENT SEALANT

- SKIRTING 25x100mm PENCIL ROUNDED PAINTED MDF
- 1.2mm X 200mm STEEL PLATE FIXED TO STUDS WITH NOMINAL 45mm PERIMETER INSULATION
- FLOOR BUILD-UP (TO PROVIDE 0.11W/m<sup>2</sup>K U-VALUE):
- 65mm CEMENT SCREED ON SEPARATING LAYER
  - 2 LAYERS OF 75mm INSULATION KINGSPAN KOOLTHERM K103
  - 1200 GAUGE DPM TO OVERLAP WITH DPC (DPM dependent on soil investigation)
  - BEAM AND BLOCK FLOORING TO SE'S DESIGN AND SPECIFICATION

- PPC FLASHING
- DPC
- TELESCOPIC VENT
- RiW SHEETSEAL 226 (300mm) MIN. 100mm OVERLAP TO DPC AT BOTTOM & AT TOP WITH BREATHER MEMBRANE. MECHANICAL FIXINGS PER RiW REQUIREM'TS
- INSULATION TO OVERLAP A MIN 75mm WITH THE 45mm PERIMETER INSULATION

- DPC TO WRAP AROUND END OF BLOCK AND TO BE WELL LAPPED WITH RiW SHEETSEAL 226 (300mm)
- LEAN CONCRETE SAND MIX
- FOUNDATION TO SE'S DESIGN AND SPECIFICATIONS
- 100mm CONCRETE OVERSITE

Rev.	Date	Description	Init.
B	26/01/2017	General Build up Amendments	CM
A	14/12/2016	General Build up Amendments	EHG/DW

Client

HADFRAME

Project Title

HADFRAME SYSTEM

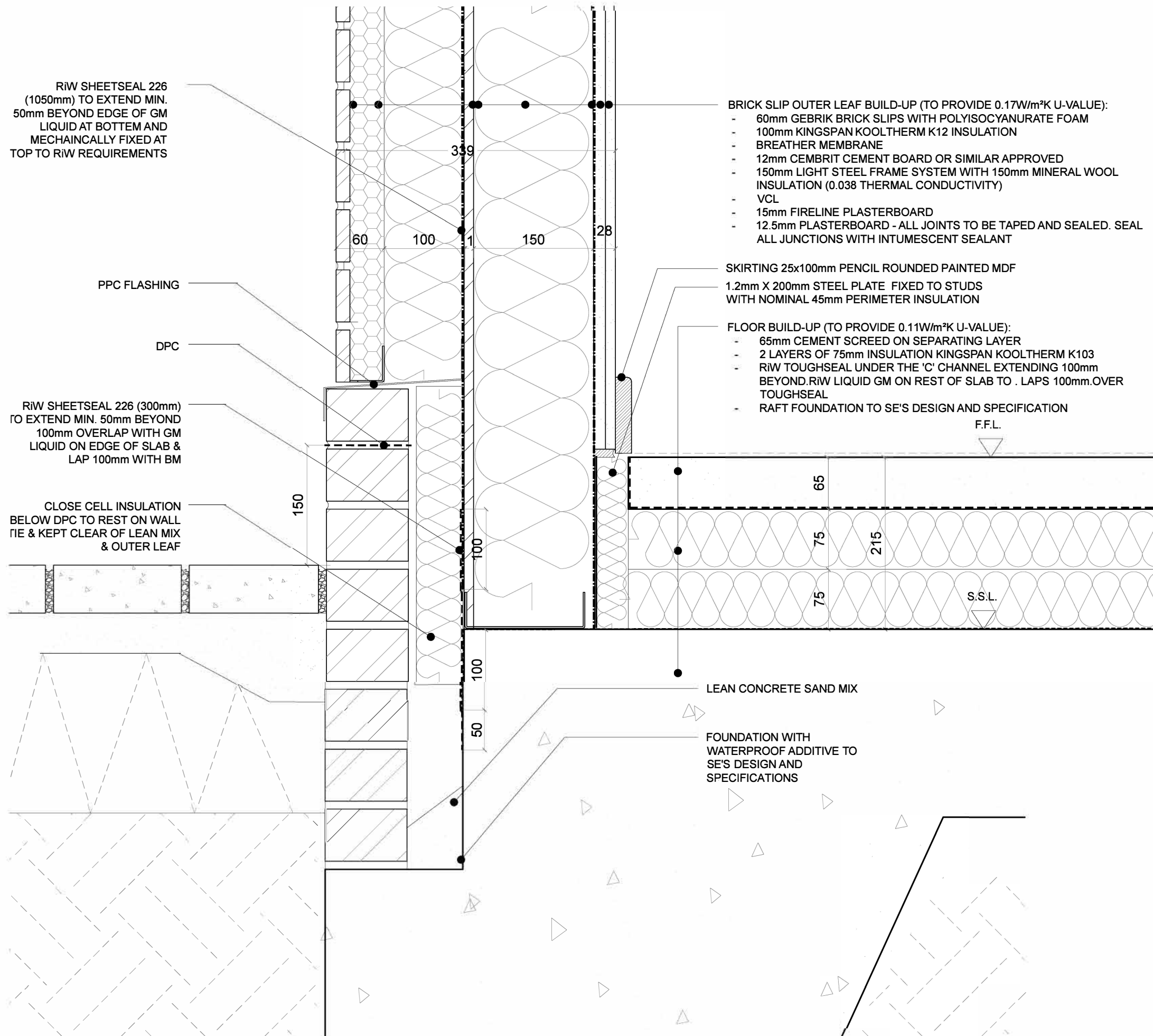
Drawing Title  
3B5P  
EXTERNAL WALL AND GROUND FLOOR JUNCTION  
INSULATED BRICK SLIPS (NO CAVITY)

Cad File	Sheet Size	Scale
1485_DETAILS SET B	A3	1:5
Drawn by	Drawing Date	Approved by
EHG	AUG 2016	DW
Project No.	Drawing No.	Revision
1485	D01B-3	B

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PERFECT COMMERCIAL AND RESIDENTIAL STEEL SECTIONS

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**PRELIMINARY**



RiW SHEETSEAL 226 (1050mm) TO EXTEND MIN. 50mm BEYOND EDGE OF GM LIQUID AT BOTTEM AND MECHANICALLY FIXED AT TOP TO RiW REQUIREMENTS

BRICK SLIP OUTER LEAF BUILD-UP (TO PROVIDE 0.17W/m<sup>2</sup>K U-VALUE):

- 60mm GEBRIK BRICK SLIPS WITH POLYISOCYANURATE FOAM
- 100mm KINGSPAN KOOLTHERM K12 INSULATION
- BREATHER MEMBRANE
- 12mm CEMBRIT CEMENT BOARD OR SIMILAR APPROVED
- 150mm LIGHT STEEL FRAME SYSTEM WITH 150mm MINERAL WOOL INSULATION (0.038 THERMAL CONDUCTIVITY)
- VCL
- 15mm FIRELINE PLASTERBOARD
- 12.5mm PLASTERBOARD - ALL JOINTS TO BE TAPED AND SEALED. SEAL ALL JUNCTIONS WITH INTUMESCENT SEALANT

SKIRTING 25x100mm PENCIL ROUNDED PAINTED MDF  
1.2mm X 200mm STEEL PLATE FIXED TO STUDS WITH NOMINAL 45mm PERIMETER INSULATION

FLOOR BUILD-UP (TO PROVIDE 0.11W/m<sup>2</sup>K U-VALUE):

- 65mm CEMENT SCREED ON SEPARATING LAYER
- 2 LAYERS OF 75mm INSULATION KINGSPAN KOOLTHERM K103
- RiW TOUGHSEAL UNDER THE 'C' CHANNEL EXTENDING 100mm BEYOND RiW LIQUID GM ON REST OF SLAB TO . LAPS 100mm.OVER TOUGHSEAL
- RAFT FOUNDATION TO SE'S DESIGN AND SPECIFICATION

PPC FLASHING

DPC

RiW SHEETSEAL 226 (300mm) TO EXTEND MIN. 50mm BEYOND 100mm OVERLAP WITH GM LIQUID ON EDGE OF SLAB & LAP 100mm WITH BM

CLOSE CELL INSULATION BELOW DPC TO REST ON WALL TIE & KEPT CLEAR OF LEAN MIX & OUTER LEAF

LEAN CONCRETE SAND MIX

FOUNDATION WITH WATERPROOF ADDITIVE TO SE'S DESIGN AND SPECIFICATIONS

Rev.	Date	Description	Int.
B	26/01/2017	General Build up Amendments	CM
A	14/12/2016	General Build up Amendments	EHG/DW

Client

HADFRAME

Project Title

HADFRAME SYSTEM

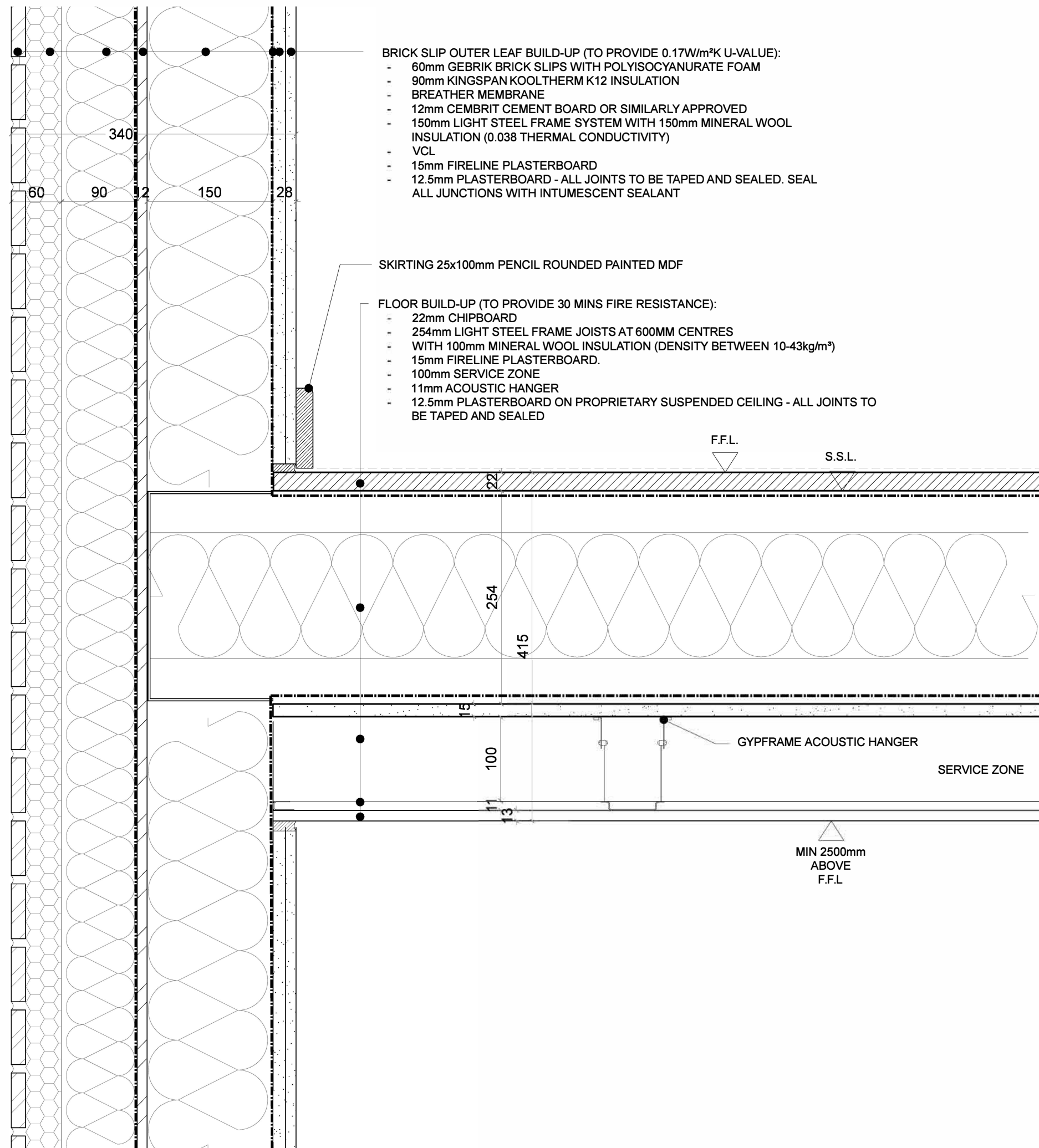
Drawing Title  
3B5P  
EXTERNAL WALL AND RAFT JUNCTION  
INSULATED BRICK SLIPS (NO CAVITY)

Cad File	Sheet Size	Scale
1485_DETAILS SET B	A3	1:5
Drawn by	Drawing Date	Approved by
EHG	AUG 2016	DW
Project No.	Drawing No.	Revision
1485	D01B-8	B

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PERFECT COMMERCIAL AND RESIDENTIAL STEEL SECTIONS

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**PRELIMINARY**



- BRICK SLIP OUTER LEAF BUILD-UP (TO PROVIDE 0.17W/m<sup>2</sup>K U-VALUE):**
- 60mm GEBRIK BRICK SLIPS WITH POLYISOCYANURATE FOAM
  - 90mm KINGSPAN KOOLTHERM K12 INSULATION
  - BREATHER MEMBRANE
  - 12mm CEMBRIT CEMENT BOARD OR SIMILARLY APPROVED
  - 150mm LIGHT STEEL FRAME SYSTEM WITH 150mm MINERAL WOOL INSULATION (0.038 THERMAL CONDUCTIVITY)
  - VCL
  - 15mm FIRELINE PLASTERBOARD
  - 12.5mm PLASTERBOARD - ALL JOINTS TO BE TAPED AND SEALED. SEAL ALL JUNCTIONS WITH INTUMESCENT SEALANT

- FLOOR BUILD-UP (TO PROVIDE 30 MINS FIRE RESISTANCE):**
- 22mm CHIPBOARD
  - 254mm LIGHT STEEL FRAME JOISTS AT 600MM CENTRES WITH 100mm MINERAL WOOL INSULATION (DENSITY BETWEEN 10-43kg/m<sup>3</sup>)
  - 15mm FIRELINE PLASTERBOARD.
  - 100mm SERVICE ZONE
  - 11mm ACOUSTIC HANGER
  - 12.5mm PLASTERBOARD ON PROPRIETARY SUSPENDED CEILING - ALL JOINTS TO BE TAPED AND SEALED

Rev.	Date	Description	Init.
B	26/01/2017	General Build up Amendments	CM
A	14/12/2016	General Build up Amendments	EHG/DW

Client

HADFRAME

Project Title

HADFRAME SYSTEM

Drawing Title  
**3B5P  
 EXTERNAL WALL AND FIRST FLOOR JUNCTION  
 INSULATED BRICK SLIPS (NO CAVITY)**

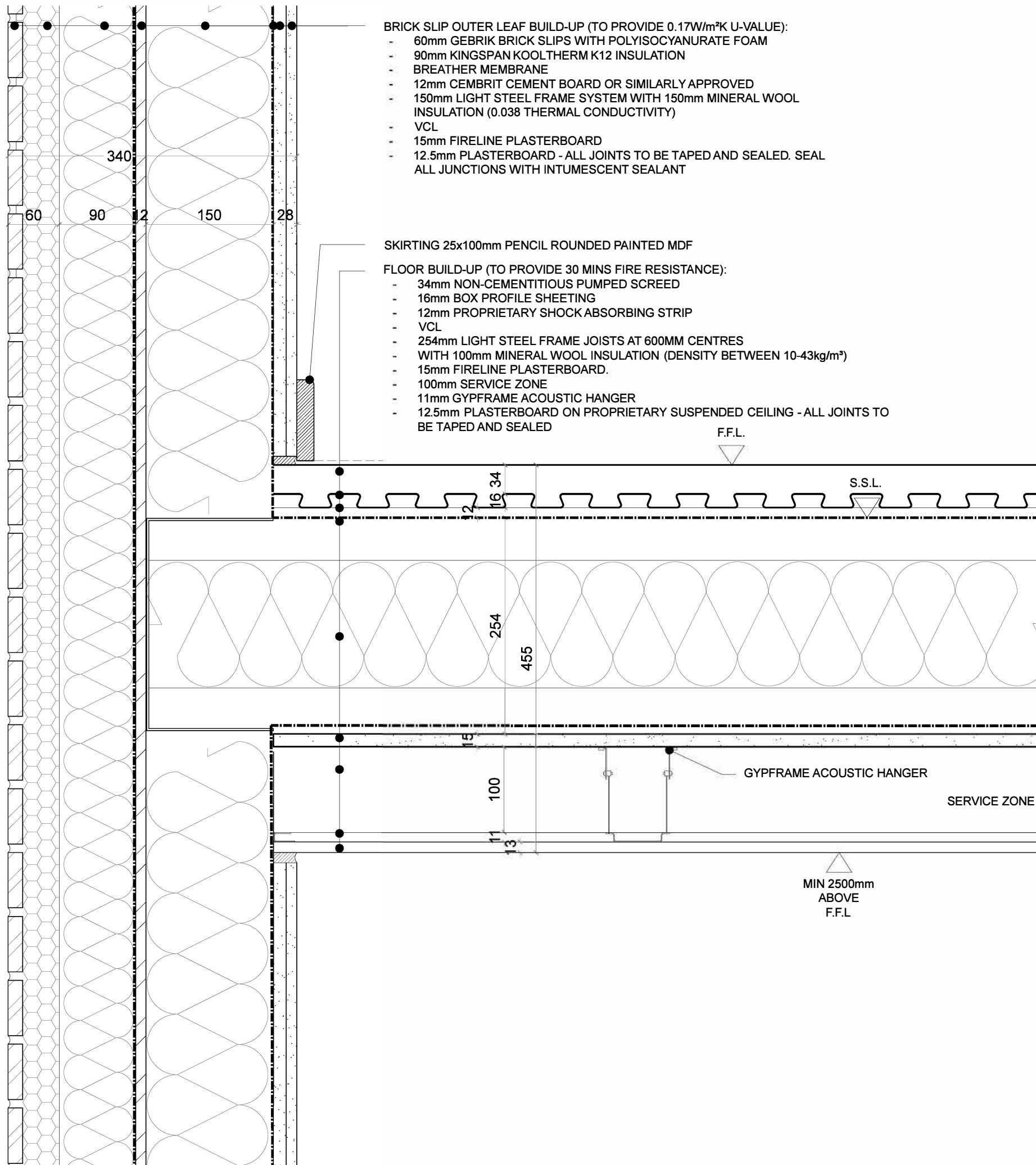
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1485_DETAILS SET B	A3	1:5
Drawn by	Drawing Date	Approved by
EHG	AUG 2016	DW
Project No.	Drawing No.	Revision
1485	D02B-3	B

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 PERFECT COMMERCIAL AND RESIDENTIAL STEEL SECTIONS

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**PRELIMINARY**





- BRICK SLIP OUTER LEAF BUILD-UP (TO PROVIDE 0.17W/m<sup>2</sup>K U-VALUE):**
- 60mm GEBRIK BRICK SLIPS WITH POLYISOCYANURATE FOAM
  - 90mm KINGSPAN KOOLTHERM K12 INSULATION
  - BREATHER MEMBRANE
  - 12mm CEMBRIT CEMENT BOARD OR SIMILARLY APPROVED
  - 150mm LIGHT STEEL FRAME SYSTEM WITH 150mm MINERAL WOOL INSULATION (0.038 THERMAL CONDUCTIVITY)
  - VCL
  - 15mm FIRELINE PLASTERBOARD
  - 12.5mm PLASTERBOARD - ALL JOINTS TO BE TAPED AND SEALED. SEAL ALL JUNCTIONS WITH INTUMESCENT SEALANT

- SKIRTING 25x100mm PENCIL ROUNDED PAINTED MDF**
- FLOOR BUILD-UP (TO PROVIDE 30 MINS FIRE RESISTANCE):**
- 34mm NON-CEMENTITIOUS PUMPED SCREED
  - 16mm BOX PROFILE SHEETING
  - 12mm PROPRIETARY SHOCK ABSORBING STRIP
  - VCL
  - 254mm LIGHT STEEL FRAME JOISTS AT 600MM CENTRES WITH 100mm MINERAL WOOL INSULATION (DENSITY BETWEEN 10-43kg/m<sup>3</sup>)
  - 15mm FIRELINE PLASTERBOARD.
  - 100mm SERVICE ZONE
  - 11mm GYPFRAME ACOUSTIC HANGER
  - 12.5mm PLASTERBOARD ON PROPRIETARY SUSPENDED CEILING - ALL JOINTS TO BE TAPED AND SEALED

Rev.	Date	Description	Init.
-	-	-	-

Client

HADFRAME

Project Title

HADFRAME SYSTEM

Drawing Title  
3B5P  
EXTERNAL WALL AND FIRST FLOOR JUNCTION  
BRICK SLIP (NO CAVITY)

Cad File	Sheet Size	Scale
1485_DETAILS SET B	A3	1:5

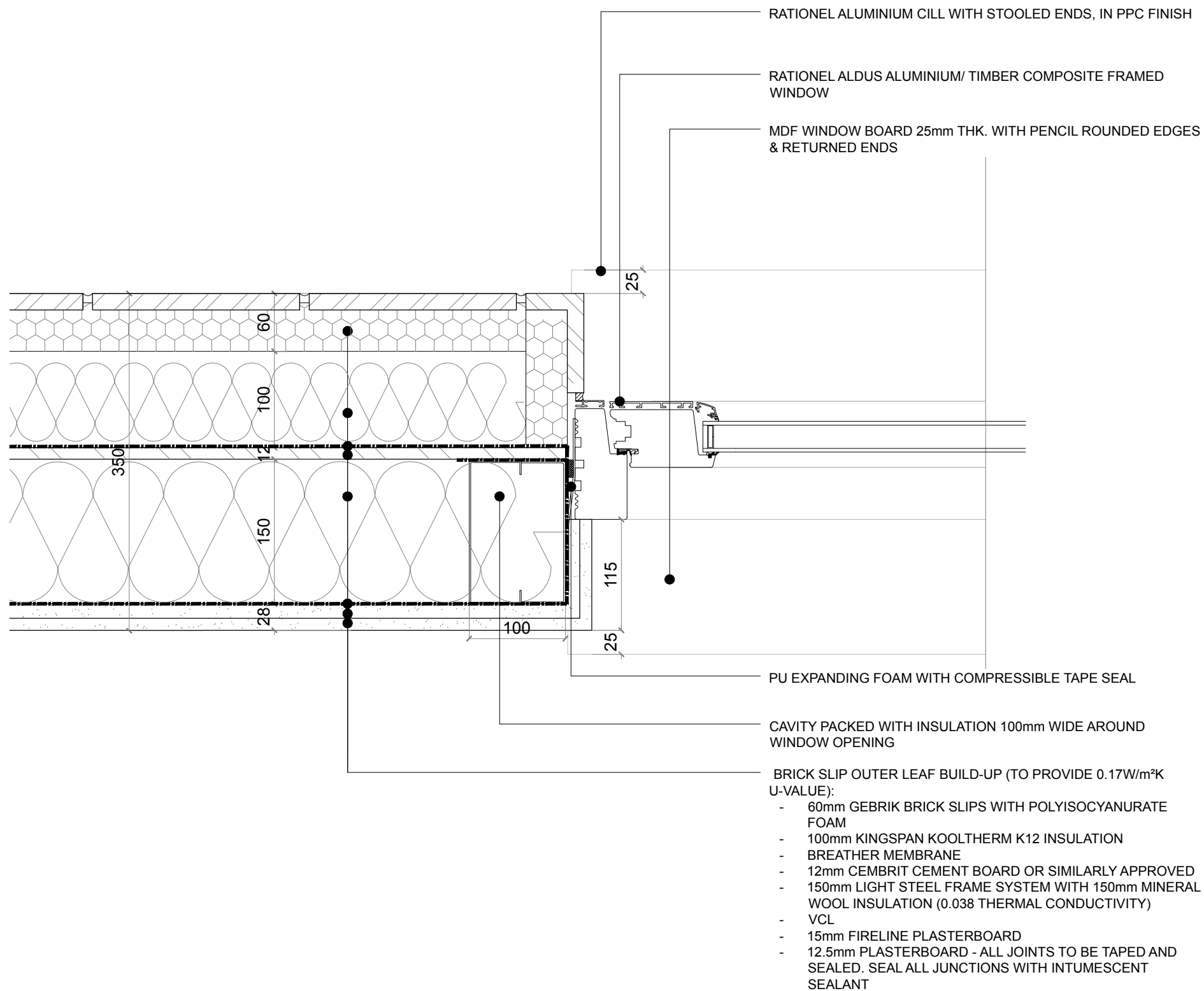
Drawn by	Drawing Date	Approved by
AM	AUG 2016	DW

Project No.	Drawing No.	Revision
1485	D02B-8	-

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PERFECT COMMERCIAL AND RESIDENTIAL STEEL SECTIONS

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Rev.	Date	Description	Init.
B	26/01/2017	General Build up Amendments	CM
A	14/12/2016	General Build up Amendments	EHG/DW

Client

HADFRAME

Project Title

HADFRAME SYSTEM

Drawing Title

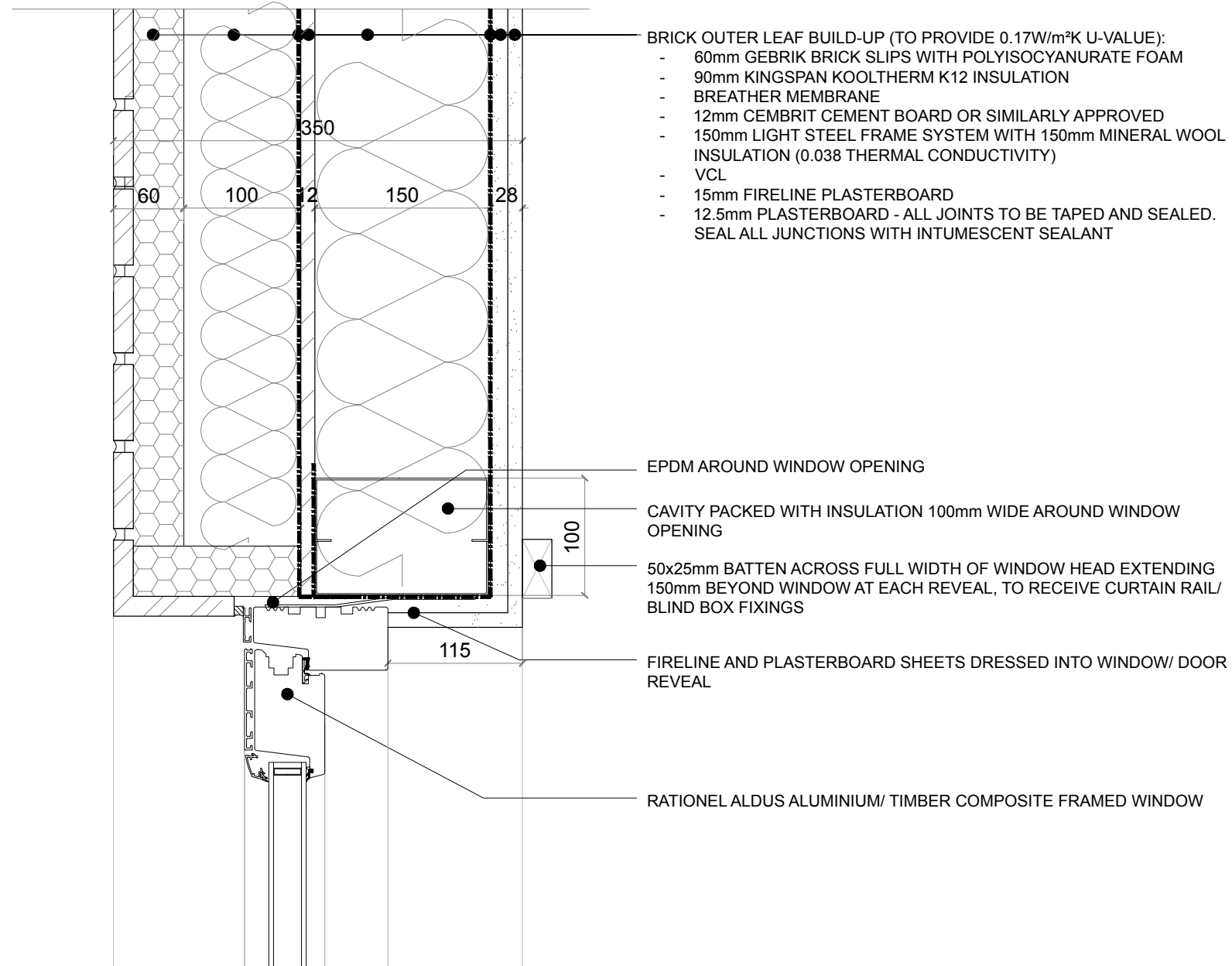
3B5P  
WINDOW JAMB DETAIL  
INSULATED BRICK SLIPS (NO CAVITY)

Cad File	Sheet Size	Scale
1485_DETAILS SET 03	A3	1:5
Drawn by	Drawing Date	Approved by
EHG	AUG 2016	DW
Project No.	Drawing No.	Revision
1485	D04B-9	B

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Rev.	Date	Description	Init.
B	26/01/2017	General Build up Amendments	CM
A	14/12/2016	General Build up Amendments	EHG/DW

Client

HADFRAME

Project Title

HADFRAME SYSTEM

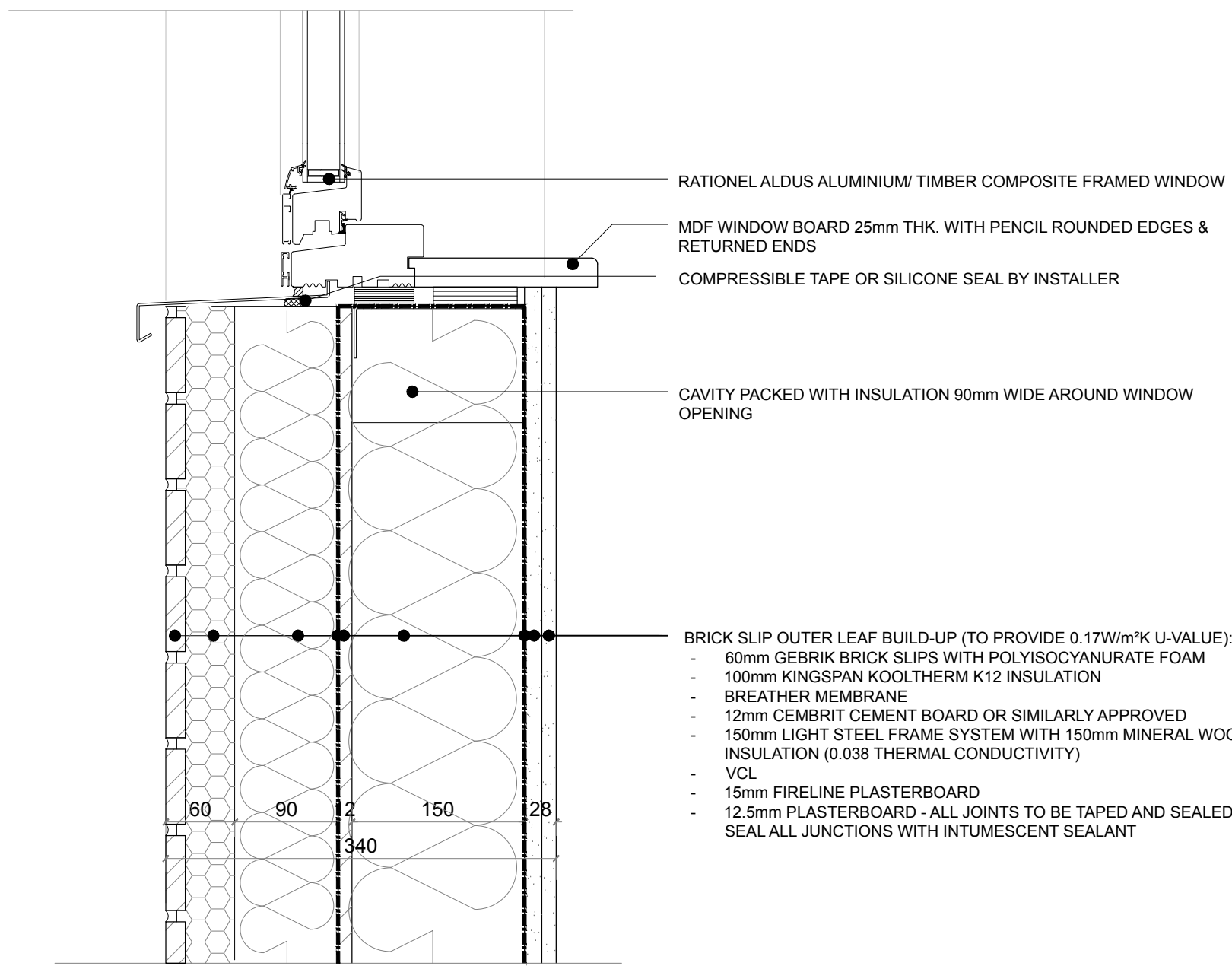
Drawing Title  
 3B5P  
 WINDOW HEAD DETAIL  
 INSULATED BRICK SLIPS (NO CAVITY)

Cad File	Sheet Size	Scale
1485_DETAILS SET 03	A3	1:5
Drawn by	Drawing Date	Approved by
EHG	AUG 2016	DW
Project No.	Drawing No.	Revision
1485	D04B-10	B

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Rev.	Date	Description	Init.
B	26/01/2017	General Build up Amendments	CM
A	14/12/2016	General Build up Amendments	EHG/DW

Client

HADFRAME

Project Title

HADFRAME SYSTEM

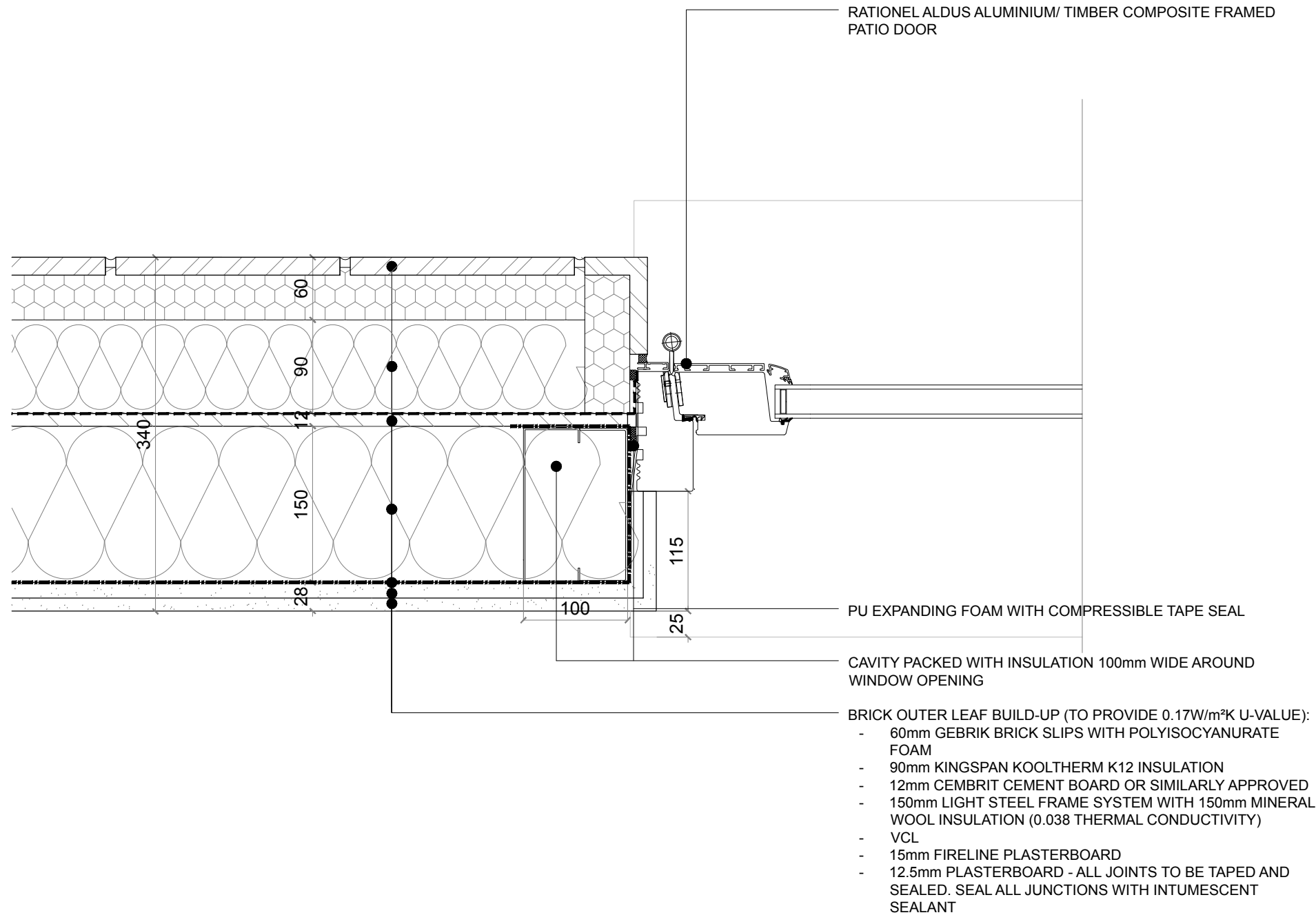
Drawing Title  
 3B5P  
 WINDOW CILL DETAIL  
 INSULATED BRICK SLIPS (NO CAVITY)

Cad File	Sheet Size	Scale
1485_DETAILS SET 03	A3	1:5
Drawn by	Drawing Date	Approved by
EHG	AUG 2016	DW
Project No.	Drawing No.	Revision
1485	D04B-11	B

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Rev.	Date	Description	Init.
B	26/01/2017	General Build up Amendments	CM
A	14/12/2016	General Build up Amendments	EHG/DW

Client

HADFRAME

Project Title

HADFRAME SYSTEM

Drawing Title  
3B5P  
DOOR JAMB DETAIL  
INSULATED BRICK SLIPS (NO CAVITY)

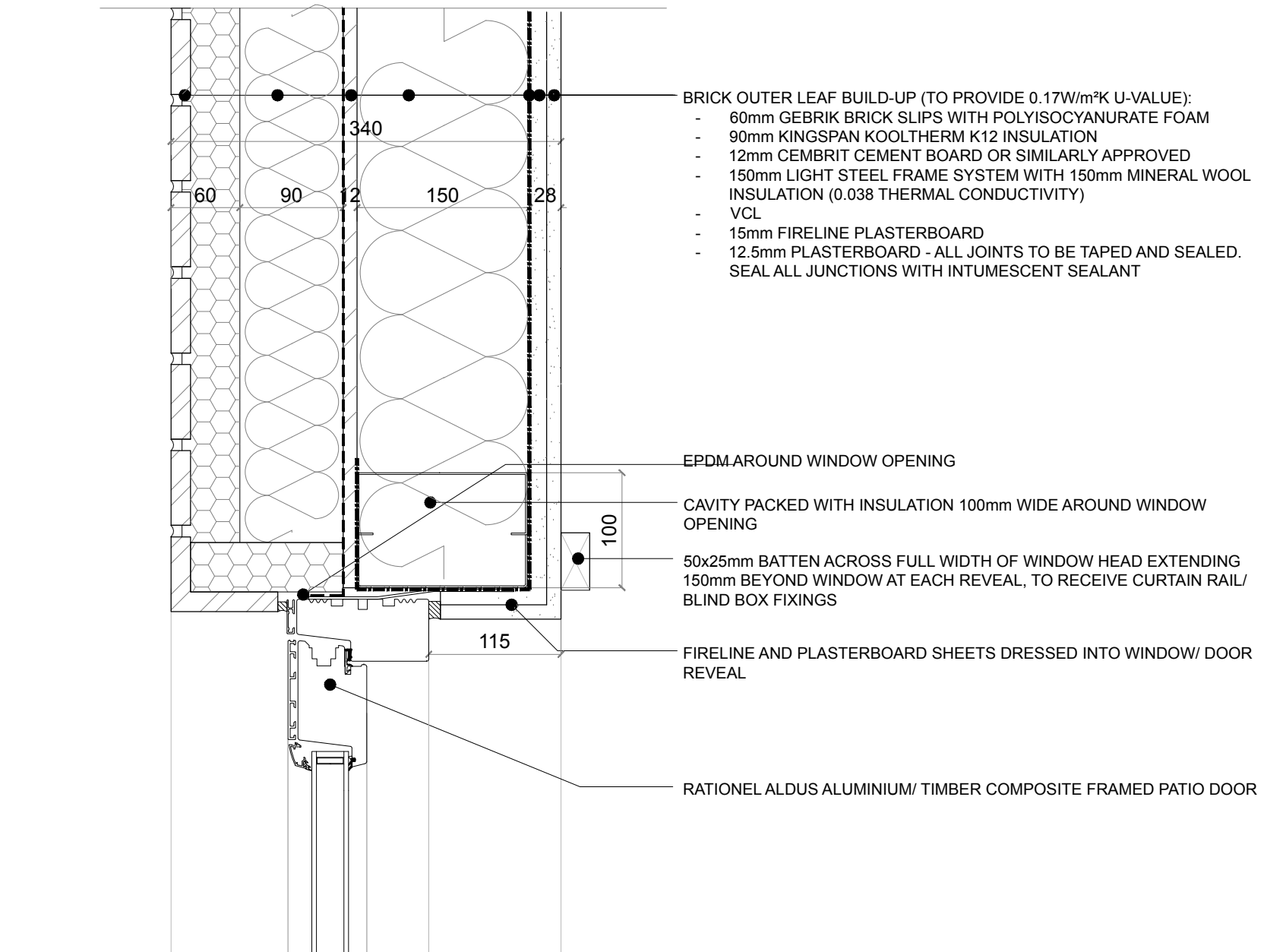
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Drawn by	Drawing Date	Approved by
EHG	AUG 2016	DW
Project No.	Drawing No.	Revision
1485	D04B-18	B

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Rev.	Date	Description	Init.
B	26/01/2017	General Build up Amendments	CM
A	14/12/2016	General Build up Amendments	EHG/DW

Client

HADFRAME

Project Title

HADFRAME SYSTEM

Drawing Title  
3B5P  
DOOR HEAD DETAIL  
INSULATED BRICK SLIPS (NO CAVITY)

Cad File	Sheet Size	Scale
1485_DETAILS SET 03	A3	1:5
Drawn by	Drawing Date	Approved by
EHG	AUG 2016	DW
Project No.	Drawing No.	Revision
1485	D04B-19	B

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PRELIMINARY

- CLAY TILE ROOF (TO PROVIDE 0.13W/m<sup>2</sup>K U-VALUE):
- CLAY ROOF TILES ON 25x38mm TREATED SW BATTEN
  - BREATHER MEMBRANE
  - 150mm LIGHT WEIGHT STEEL JOIST

- CEILING BUILD-UP (TO PROVIDE 30 MINS FIRE RESISTANCE):
- 100mm CELOTEX GA4000 OVER
  - 254mm LIGHT STEEL FRAME JOISTS AT 600MM CENTRES
  - FULL FILL MINERAL WOOL INSULATION BETWEEN JOISTS
  - VCL
  - 15mm FIRELINE PLASTERBOARD.
  - 100mm SERVICE ZONE
  - 11mm ACOUSTIC HANGER
  - 12.5mm PLASTERBOARD ON PROPRIETARY SUSPENDED CEILING - ALL JOINTS TO BE TAPED AND SEALED

- BRICK SLIP OUTER LEAF BUILD-UP (TO PROVIDE 0.17W/m<sup>2</sup>K U-VALUE):
- 60mm GEBRIK BRICK SLIPS WITH POLYISOCYANURATE FOAM
  - 90mm KINGSPAN KOOLTHERM K12 INSULATION
  - BREATHER MEMBRANE
  - 12mm CEMBRIT CEMENT BOARD OR SIMILARLY APPROVED
  - 150mm LIGHT STEEL FRAME SYSTEM WITH 150mm MINERAL WOOL INSULATION (0.038 THERMAL CONDUCTIVITY)
  - VCL
  - 15mm FIRELINE PLASTERBOARD
  - 12.5mm PLASTERBOARD - ALL JOINTS TO BE TAPED AND SEALED. SEAL ALL JUNCTIONS WITH INTUMESCENT SEALANT

NON HABITABLE ROOF VOID

VENTILATION TRAY

OVER FASCIA ROOF VENT

45mm CELOTEX GA4000  
 PROPRIETARY 19mm SOFFIT BOARD  
 PROPRIETARY FASCIA BOARD

ACOUSTIC HANGER

Rev.	Date	Description	Init.
B	26/01/2017	General Build up Amendments	CM
A	14/12/2016	General Build up Amendments	EHG/DW

Client

HADFRAME

Project Title

HADFRAME SYSTEM

Drawing Title

3B5P TRUSS ROOF EAVES DETAIL INSULATED BRICK SLIP (NO CAVITY)

Cad File Sheet Size Scale  
 1485\_DETAILS SET 03 1:5

Drawn by Drawing Date Approved by  
 EHG AUG 2016 DW

Project No. Drawing No. Revision  
 1485 D06B-3 B



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PRELIMINARY

# HABITABLE ROOF VOID

- CLAY TILE ROOF (TO PROVIDE 0.13W/m<sup>2</sup>K U-VALUE):
- CLAY ROOF TILES ON 25x38mm TREATED SW BATTEN
  - BREATHER MEMBRANE
  - 50mm COUNTER BATTEN
  - 100mm THICK ECOTHERM ECO-VERSAL INSULATION
  - 18mm WBP
  - 150mm LIGHT STEEL FRAME SYSTEM WITH 120mm ECOTHERM ECO-VERSAL INSULATION IN BETWEEN

- FLOOR BUILD-UP (TO PROVIDE 30 MINS FIRE RESISTANCE):
- 22mm CHIPBOARD ON VCL
  - 250mm LIGHT STEEL FRAME JOISTS AT 600MM CENTRES WITH 100mm MINERAL WOOL INSULATION (DENSITY BETWEEN 10-43kg/m<sup>3</sup>)
  - VCL
  - 15mm FIRELINE PLASTERBOARD.
  - 100mm SERVICE ZONE
  - 11mm ACOUSTIC HANGER
  - 12.5mm PLASTERBOARD ON PROPRIETARY SUSPENDED CEILING - ALL JOINTS TO BE TAPED AND SEALED

- STO "STO-THERM CLASSIC" INSULATED RENDER SYSTEM OUTER LEAF BUILD-UP, TO PROVIDE 0.17W/m<sup>2</sup>K U-VALUE:  
MOVEMENT JOINT LOCATION IN ACCORDANCE TO STO REQUIREMENTS
- RENDER BUILD-UP COMPRISING STO BASE COAT, REINFORCING MESH, STO ARMAT CLASSIC & STO FINISH COAT
  - 120mm STO INSULATION BOARD
  - 6mm STOLEVELL UNIADHESIVE
  - 12mm CEMBRIT CEMENT BOARD OR SIMILARLY APPROVED
  - 150mm LIGHT STEEL FRAME SYSTEM WITH 150mm MINERAL WOOL INSULATION (0.038 THERMAL CONDUCTIVITY)
  - VCL
  - 15mm FIRELINE PLASTERBOARD
  - 12.5mm PLASTERBOARD - ALL JOINTS TO BE TAPED AND SEALED. SEAL ALL JUNCTIONS WITH INTUMESCENT SEALANT

Rev.	Date	Description	Init.
B	26/01/2017	General Build up Amendments	CM
A	14/12/2016	General Build up Amendments	EHG/DW

Client

HADFRAME

Project Title

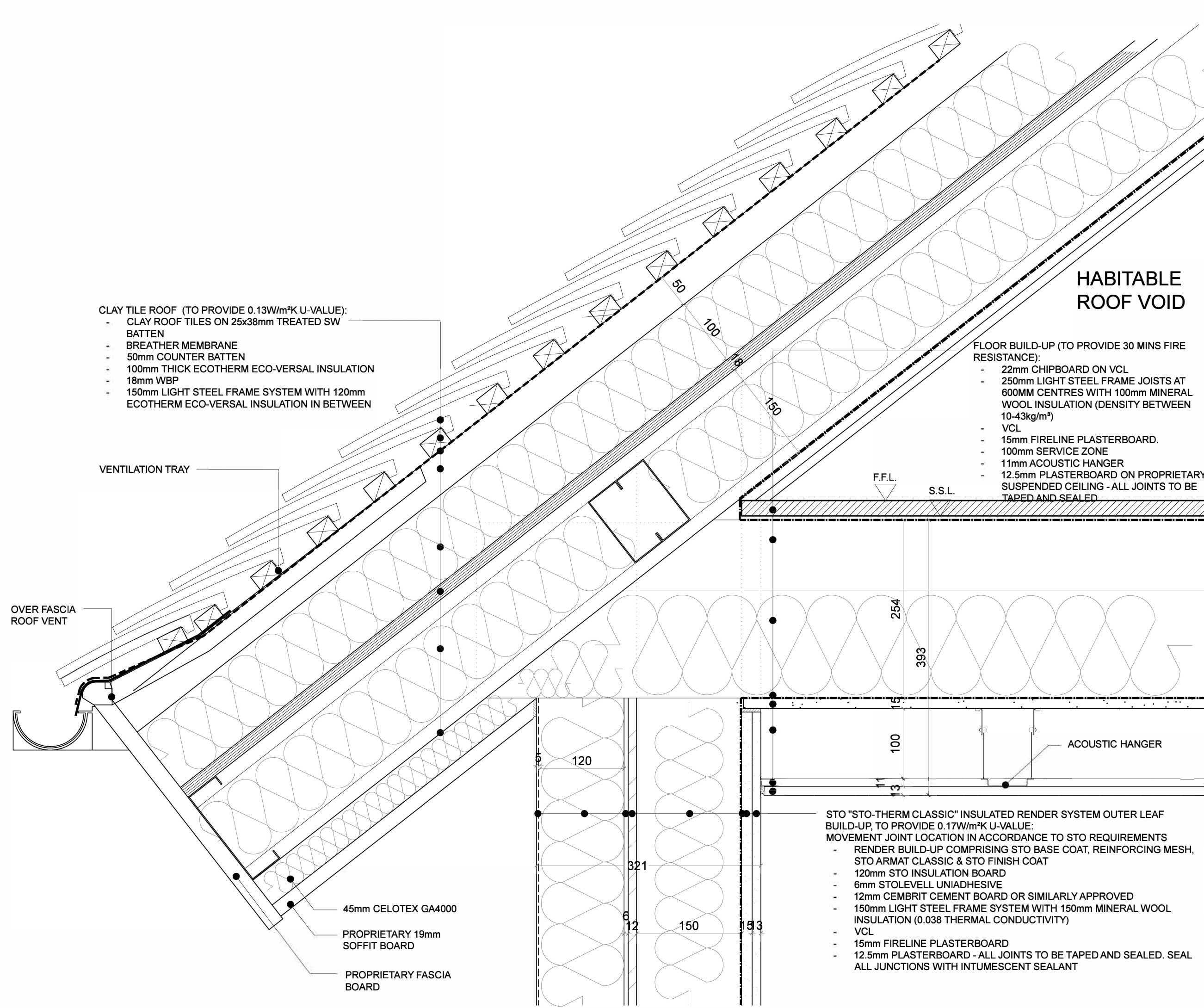
HADFRAME SYSTEM

Drawing Title		
3B5P FRAMED ROOF EAVES DETAIL INSULATED BRICK SLIP (NO CAVITY)		
Cad File	Sheet Size	Scale
1485_DETAILS SET 03	A3	1:5
Drawn by	Drawing Date	Approved by
EHG	AUG 2016	DW
Project No.	Drawing No.	Revision
1485	D06B-9	B

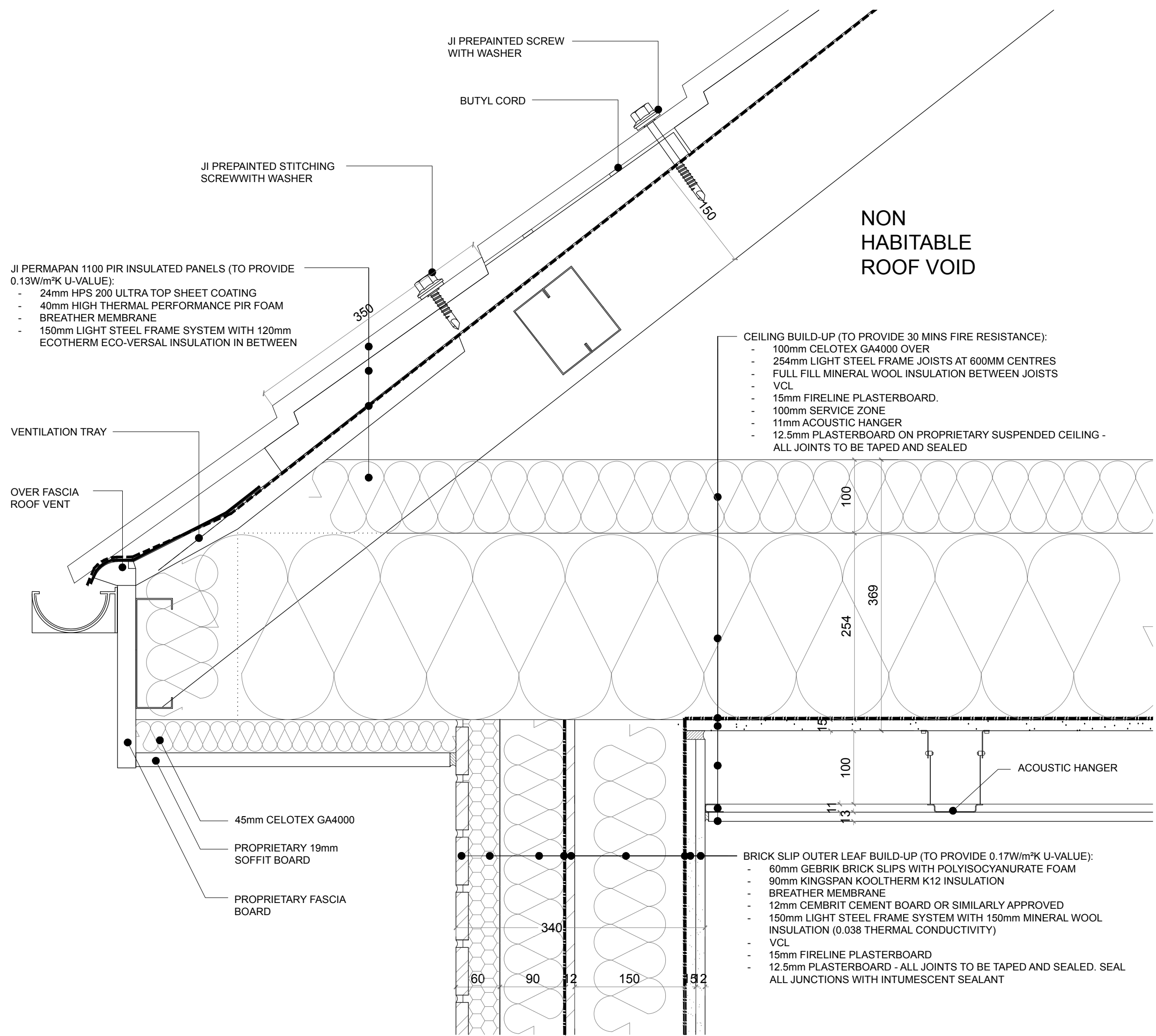
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PERFECT COMMERCIAL AND RESIDENTIAL STEEL SECTIONS

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**PRELIMINARY**







JI PERMAPAN 1100 PIR INSULATED PANELS (TO PROVIDE 0.13W/m<sup>2</sup>K U-VALUE):

- 24mm HPS 200 ULTRA TOP SHEET COATING
- 40mm HIGH THERMAL PERFORMANCE PIR FOAM
- BREATHER MEMBRANE
- 150mm LIGHT STEEL FRAME SYSTEM WITH 120mm ECOTHERM ECO-VERSAL INSULATION IN BETWEEN

CEILING BUILD-UP (TO PROVIDE 30 MINS FIRE RESISTANCE):

- 100mm CELOTEX GA4000 OVER
- 254mm LIGHT STEEL FRAME JOISTS AT 600MM CENTRES
- FULL FILL MINERAL WOOL INSULATION BETWEEN JOISTS
- VCL
- 15mm FIRELINE PLASTERBOARD.
- 100mm SERVICE ZONE
- 11mm ACOUSTIC HANGER
- 12.5mm PLASTERBOARD ON PROPRIETARY SUSPENDED CEILING - ALL JOINTS TO BE TAPED AND SEALED

BRICK SLIP OUTER LEAF BUILD-UP (TO PROVIDE 0.17W/m<sup>2</sup>K U-VALUE):

- 60mm GEBRIK BRICK SLIPS WITH POLYISOCYANURATE FOAM
- 90mm KINGSPAN KOOLTHERM K12 INSULATION
- BREATHER MEMBRANE
- 12mm CEMBRIT CEMENT BOARD OR SIMILARLY APPROVED
- 150mm LIGHT STEEL FRAME SYSTEM WITH 150mm MINERAL WOOL INSULATION (0.038 THERMAL CONDUCTIVITY)
- VCL
- 15mm FIRELINE PLASTERBOARD
- 12.5mm PLASTERBOARD - ALL JOINTS TO BE TAPED AND SEALED. SEAL ALL JUNCTIONS WITH INTUMESCENT SEALANT

Rev.	Date	Description	Init.
-	-	-	-

Client  
HADFRAME

Project Title  
HADFRAME SYSTEM

Drawing Title		
3B5P TRUSS ROOF EAVES DETAIL BRICK SLIP & COMPOSITE PANEL TILE (NO CAVITY)		
Cad File	Sheet Size	Scale
1485_DETAILS SET 03	A3	1:5
Drawn by	Drawing Date	Approved by
AM	NOV-2016	DW
Project No.	Drawing No.	Revision
1485	D06B-14	-

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PERFECT COMMERCIAL AND RESIDENTIAL STEEL SECTIONS

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PRELIMINARY



JI PERMAPAN 1100 PIR INSULATED PANELS (TO PROVIDE 0.13W/m<sup>2</sup>K U-VALUE):

- 24mm HPS 200 ULTRA TOP SHEET COATING
- 40mm HIGH THERMAL PERFORMANCE PIR FOAM
- BREATHER MEMBRANE
- 50mm COUNTER BATTEN
- 100mm THICK ECOTHERM ECO-VERSAL INSULATION
- 18mm WBP
- 150mm LIGHT STEEL FRAME SYSTEM WITH 120mm ECOTHERM ECO-VERSAL INSULATION IN BETWEEN
- VCL

JI PREPAINTED SCREW WITH WASHER

BUTYL CORD

JI PREPAINTED STITCHING SCREW WITH WASHER

VENTILATION TRAY

OVER FASCIA ROOF VENT

## HABITABLE ROOF VOID

FLOOR BUILD-UP (TO PROVIDE 30 MINS FIRE RESISTANCE):

- 22mm CHIPBOARD ON VCL
- 250mm LIGHT STEEL FRAME JOISTS AT 600MM CENTRES WITH 100mm MINERAL WOOL INSULATION (DENSITY BETWEEN 10-43kg/m<sup>3</sup>)
- 15mm FIRELINE PLASTERBOARD.
- 100mm SERVICE ZONE
- 11mm ACOUSTIC HANGER
- 12.5mm PLASTERBOARD ON PROPRIETARY SUSPENDED CEILING - ALL JOINTS TO BE TAPED AND SEALED

F.F.L.

S.S.L.

Rev.	Date	Description	Init.
-	-	-	-

Client

HADFRAME

Project Title

HADFRAME SYSTEM

Drawing Title  
3B5P  
FRAMED ROOF EAVES DETAIL  
BRICK SLIP & COMPOSITE PANEL TILE (NO CAVITY)

Cad File Sheet Size Scale

1485\_DETAILS SET A3 1:5

Drawn by Drawing Date Approved by

AM NOV 2016 DW

Project No. Drawing No. Revision

1485 D06B-19 -

**HADFRAME.co.uk**  
PERFECT COMMERCIAL AND RESIDENTIAL STEEL SECTIONS

BRICK SLIP OUTER LEAF BUILD-UP (TO PROVIDE 0.17W/m<sup>2</sup>K U-VALUE):

- 60mm GEBRIK BRICK SLIPS WITH POLYISOCYANURATE FOAM
- 90mm KINGSPAN KOOLTHERM K12 INSULATION
- BREATHER MEMBRANE
- 12mm CEMBRIT CEMENT BOARD OR SIMILARLY APPROVED
- 150mm LIGHT STEEL FRAME SYSTEM WITH 150mm MINERAL WOOL INSULATION (0.038 THERMAL CONDUCTIVITY)
- VCL
- 15mm FIRELINE PLASTERBOARD
- 12.5mm PLASTERBOARD - ALL JOINTS TO BE TAPED AND SEALED. SEAL ALL JUNCTIONS WITH INTUMESCENT SEALANT

45mm CELOTEX GA4000

PROPRIETARY 19mm SOFFIT BOARD

PROPRIETARY FASCIA BOARD

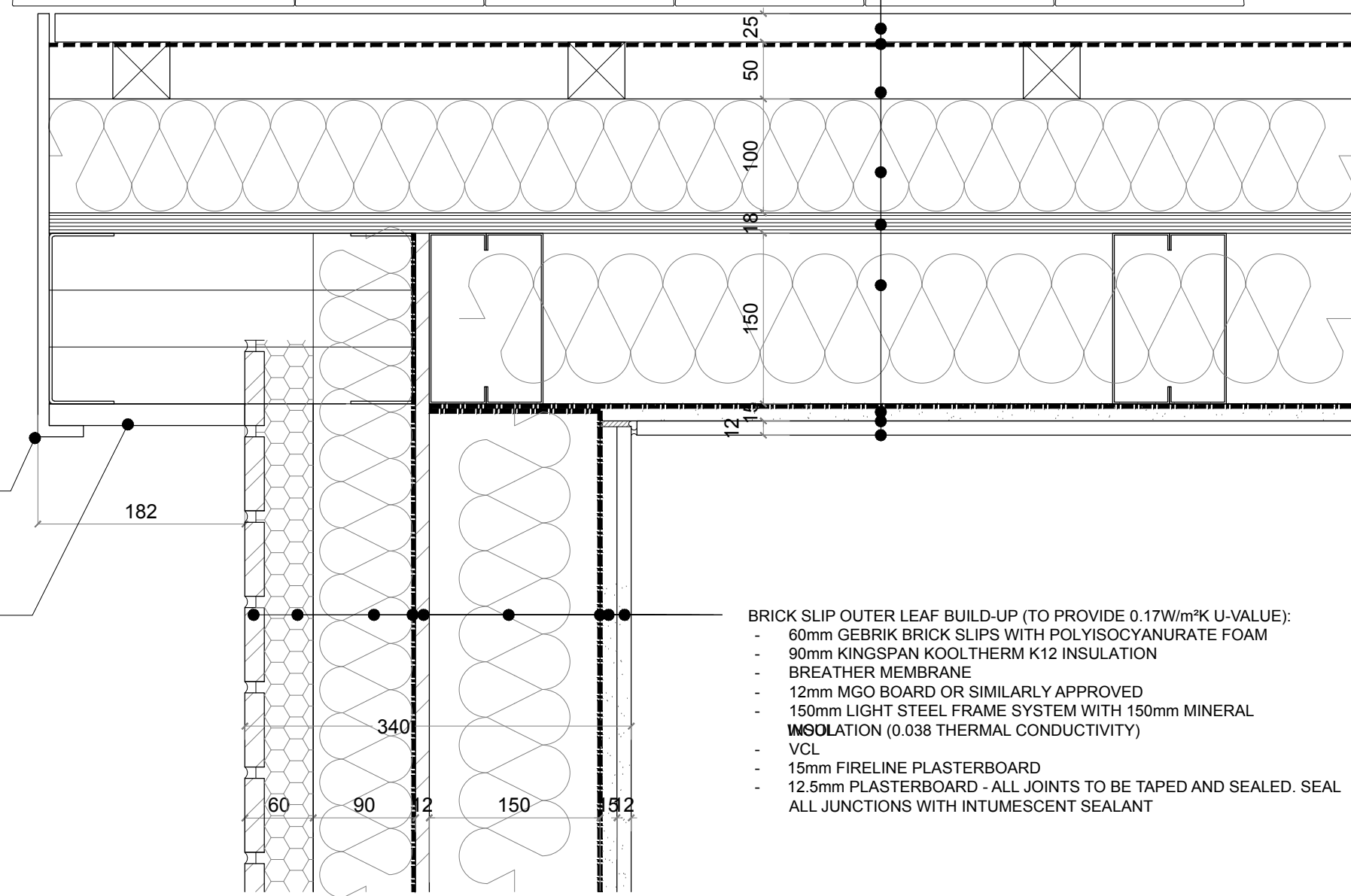
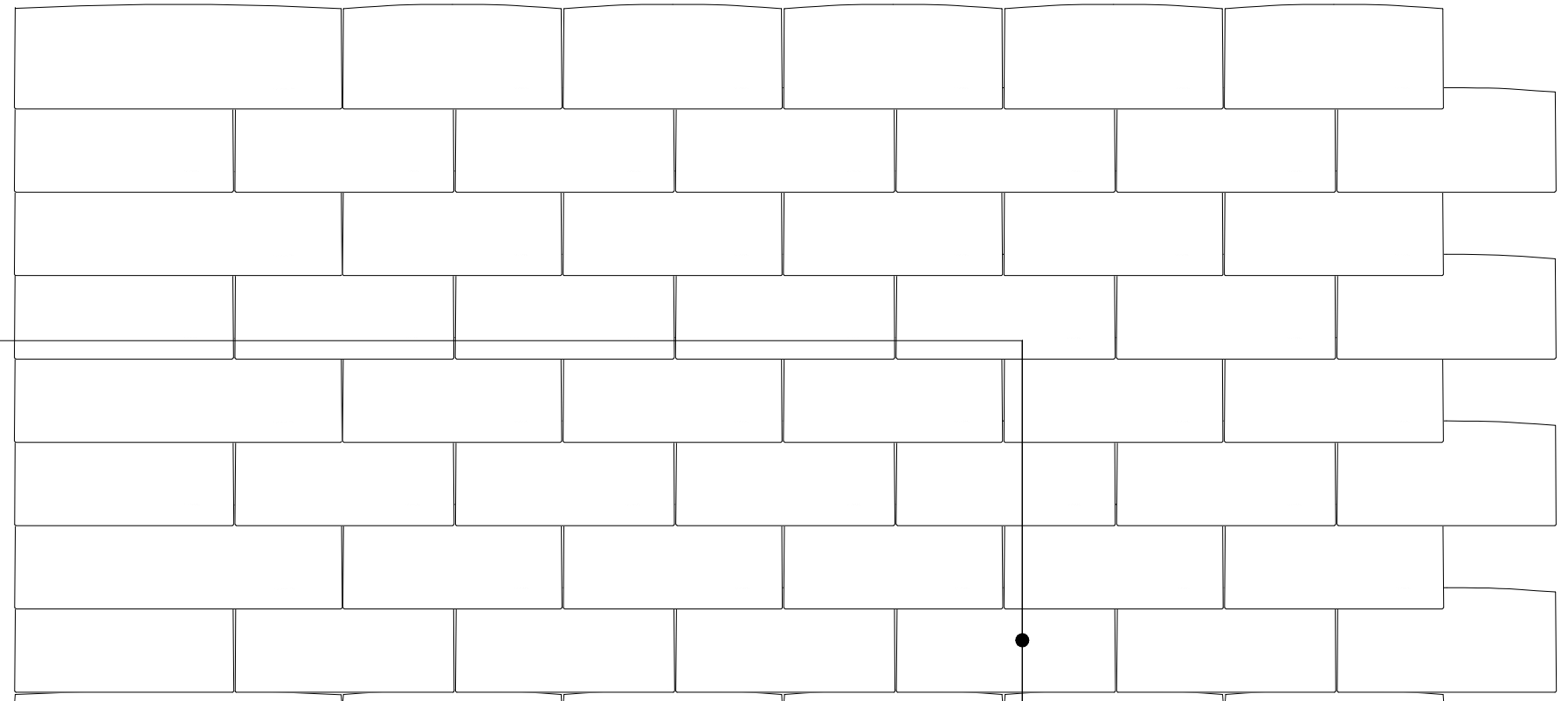
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# HABITABLE ROOF VOID

CLAY TILE ROOF (TO PROVIDE 0.13W/m<sup>2</sup>K U-VALUE):

- CLAY ROOF TILES ON 25x38mm TREATED SW BATTEN
- BREATHER MEMBRANE
- 50mm COUNTER BATTEN
- 100mm THICK ECOTHERM ECO-VERSAL INSULATION
- 18mm WBP
- 150mm LIGHT STEEL FRAME SYSTEM WITH 2 LAYERS OF 120mm ECOTHERM ECO-VERSAL INSULATION IN BETWEEN
- VCL
- 15mm FIRELINE PLASTERBOARD.
- 12.5mm PLASTERBOARD
- ALL JOINTS TO BE TAPED AND SEALED



PVC FASCIA BOARD

182

PROPRIETARY 19mm SOFFIT BOARD

BRICK SLIP OUTER LEAF BUILD-UP (TO PROVIDE 0.17W/m<sup>2</sup>K U-VALUE):

- 60mm GEBRIK BRICK SLIPS WITH POLYISOCYANURATE FOAM
- 90mm KINGSPAN KOOLTHERM K12 INSULATION
- BREATHER MEMBRANE
- 12mm MGO BOARD OR SIMILARLY APPROVED
- 150mm LIGHT STEEL FRAME SYSTEM WITH 150mm MINERAL INSULATION (0.038 THERMAL CONDUCTIVITY)
- VCL
- 15mm FIRELINE PLASTERBOARD
- 12.5mm PLASTERBOARD - ALL JOINTS TO BE TAPED AND SEALED. SEAL ALL JUNCTIONS WITH INTUMESCENT SEALANT

Rev.	Date	Description	Init.
-	-	-	-

Client

HADFRAME

Project Title

HADFRAME SYSTEM

Drawing Title

3B5P  
VERGE DETAIL - CLAY ROOF  
TILES INSULATED BRICK SLIP

Cad File Sheet Size Scale

1485\_DETAILS SET A3 1:5

Drawn by Drawing Date Approved by

AM NOV 2016 DW

Project No. Drawing No. Revision

1485 D06B-28 -

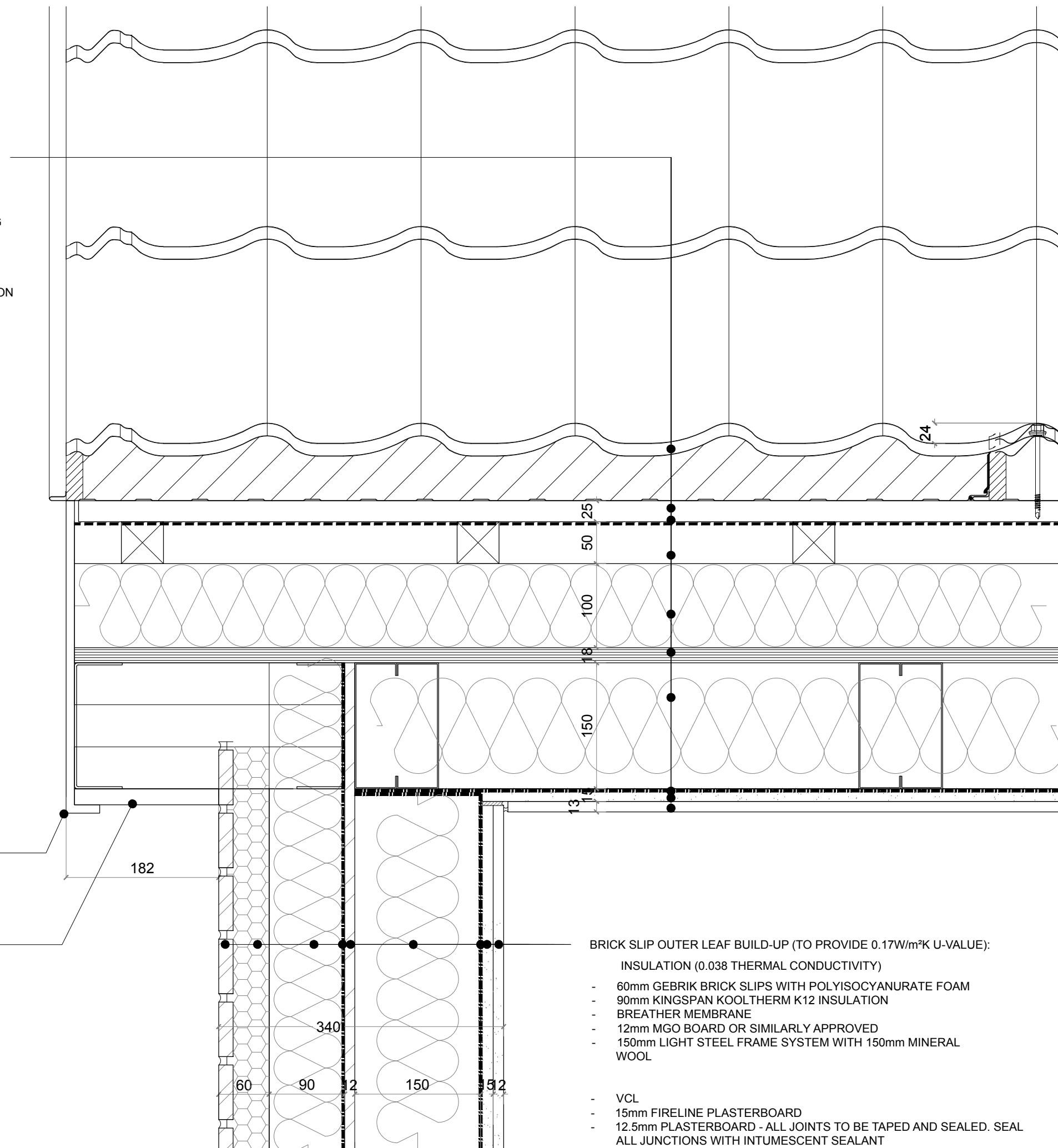


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PRELIMINARY

# HABITABLE ROOF VOID

- JI PERMAPAN 1100 PIR INSULATED PANELS (TO PROVIDE 0.13W/m<sup>2</sup>K U-VALUE):
- 24mm HPS 200 ULTRA TOP SHEET COATING
  - 40mm HIGH THERMAL PERFORMANCE PIR FOAM
  - BREATHER MEMBRANE
  - 150mm LIGHT STEEL FRAME SYSTEM WITH 120mm ECOTHERM ECO-VERSAL INSULATION IN BETWEEN
  - VCL
  - 15mm FIRELINE PLASTERBOARD.
  - 12.5mm PLASTERBOARD
  - ALL JOINTS TO BE TAPED AND SEALED



PVC FASCIA BOARD

182

PROPRIETARY 19mm SOFFIT BOARD

BRICK SLIP OUTER LEAF BUILD-UP (TO PROVIDE 0.17W/m<sup>2</sup>K U-VALUE):

- INSULATION (0.038 THERMAL CONDUCTIVITY)
- 60mm GEBRIK BRICK SLIPS WITH POLYISOCYANURATE FOAM
- 90mm KINGSPAN KOOLTHERM K12 INSULATION
- BREATHER MEMBRANE
- 12mm MGO BOARD OR SIMILARLY APPROVED
- 150mm LIGHT STEEL FRAME SYSTEM WITH 150mm MINERAL WOOL

- VCL
- 15mm FIRELINE PLASTERBOARD
- 12.5mm PLASTERBOARD - ALL JOINTS TO BE TAPED AND SEALED. SEAL ALL JUNCTIONS WITH INTUMESCENT SEALANT

Rev.	Date	Description	Init.
-	-	-	-

Client

HADFRAME

Project Title

HADFRAME SYSTEM

Drawing Title

3B5P  
VERGE DETAIL - COMPOSITE PANEL  
TILE INSULATED BRICK SLIP

Cad File Sheet Size Scale

1485\_DETAILS SET A3 1:5

Drawn by Drawing Date Approved by

AM NOV 2016 DW

Project No. Drawing No. Revision

1485 D06B-33 -

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PERFECT COMMERCIAL AND RESIDENTIAL STEEL SECTIONS

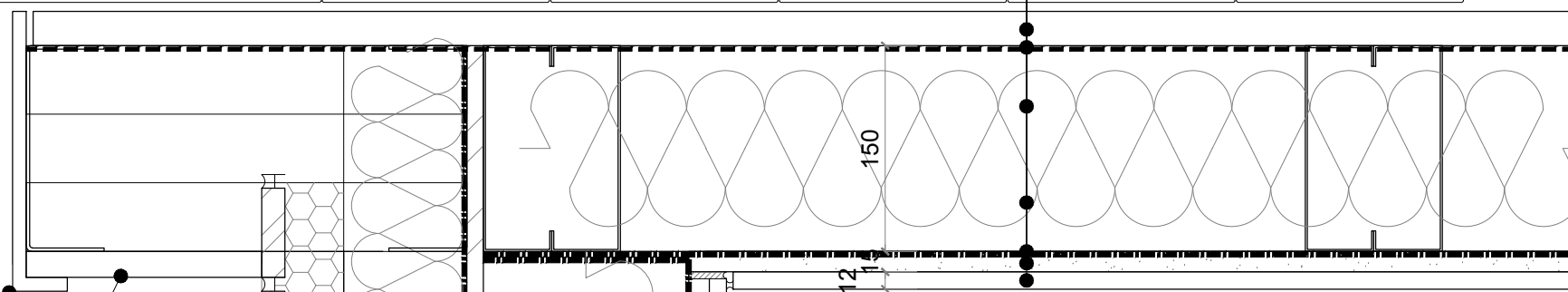
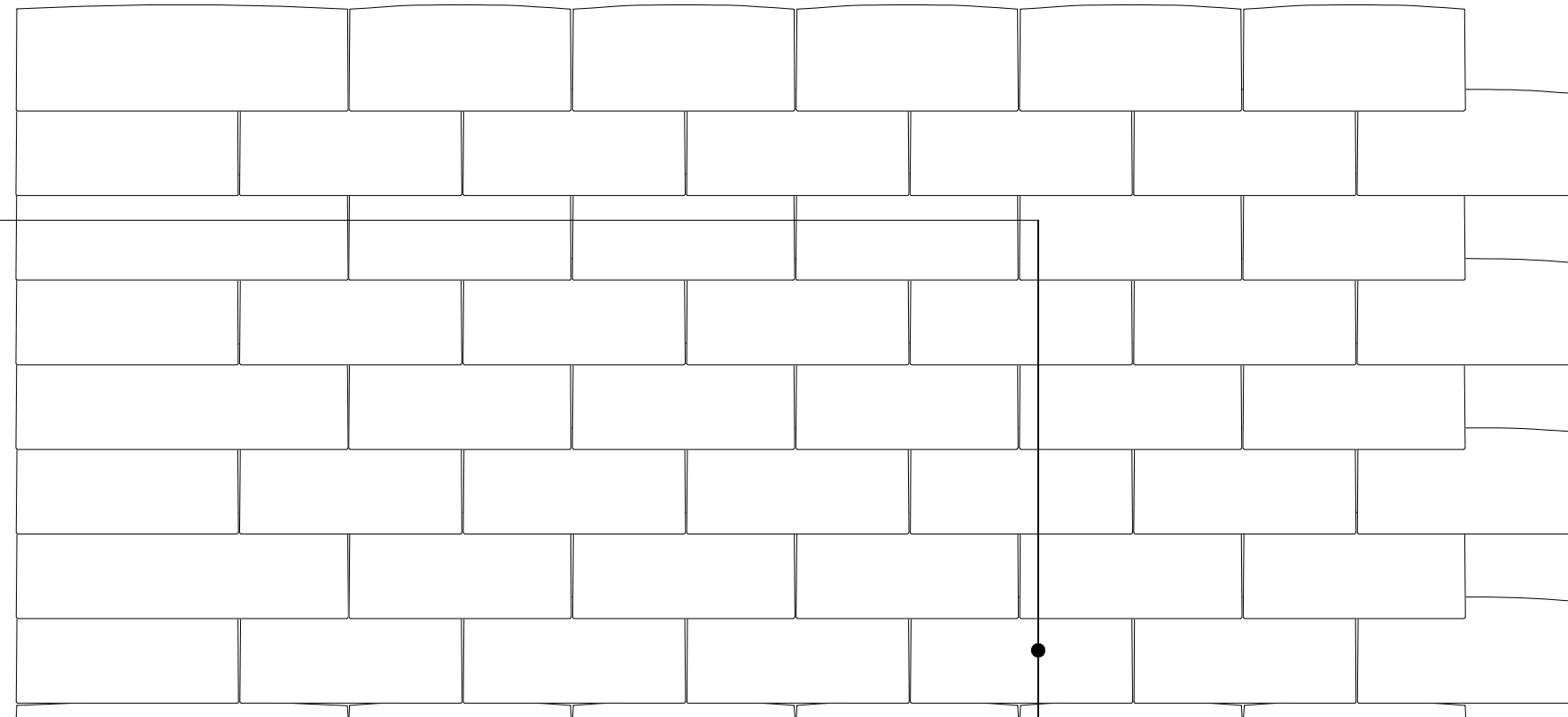
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PRELIMINARY

# NON-HABITABLE ROOF VOID

CLAY TILE ROOF (TO PROVIDE 0.13W/m²K U-VALUE):

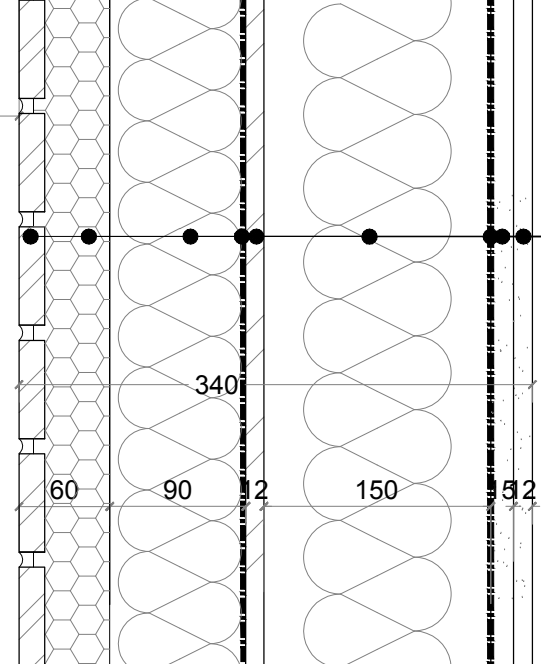
- CLAY ROOF TILES ON 25x38mm TREATED SW BATTEN
- BREATHER MEMBRANE
- 50mm COUNTER BATTEN
- 150mm LIGHT STEEL FRAME SYSTEM WITH 2 LAYERS OF 120mm ECOTHERM ECO-VERSAL INSULATION IN BETWEEN
- VCL
- 15mm FIRELINE PLASTERBOARD.
- 12.5mm PLASTERBOARD
- ALL JOINTS TO BE TAPED AND SEALED



PVC FASCIA BOARD

182

PROPRIETARY 19mm SOFFIT BOARD



BRICK SLIP OUTER LEAF BUILD-UP (TO PROVIDE 0.17W/m²K U-VALUE):

- 60mm GEBRIK BRICK SLIPS WITH POLYISOCYANURATE FOAM
- 90mm KINGSPAN KOOLTHERM K12 INSULATION
- BREATHER MEMBRANE
- 12mm MGO BOARD OR SIMILARLY APPROVED
- 150mm LIGHT STEEL FRAME SYSTEM WITH 150mm MINERAL WOOL INSULATION (0.038 THERMAL CONDUCTIVITY)
- VCL
- 15mm FIRELINE PLASTERBOARD
- 12.5mm PLASTERBOARD - ALL JOINTS TO BE TAPED AND SEALED. SEAL ALL JUNCTIONS WITH INTUMESCENT SEALANT

Rev.	Date	Description	Init.
-	-	-	-

Client

HADFRAME

Project Title

HADFRAME SYSTEM

Drawing Title

3B5P  
VERGE DETAIL - CLAY ROOF  
TILES INSULATED BRICK SLIP

Cad File	Sheet Size	Scale
1485_DETAILS SET 03	A3	1:5

Drawn by	Drawing Date	Approved by
AM	NOV 2016	DW

Project No.	Drawing No.	Revision
1485	D06B-38	-

Project No.	Drawing No.	Revision
1485	D06B-38	-

1485 D06B-38

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PERFECT COMMERCIAL AND RESIDENTIAL STEEL SECTIONS

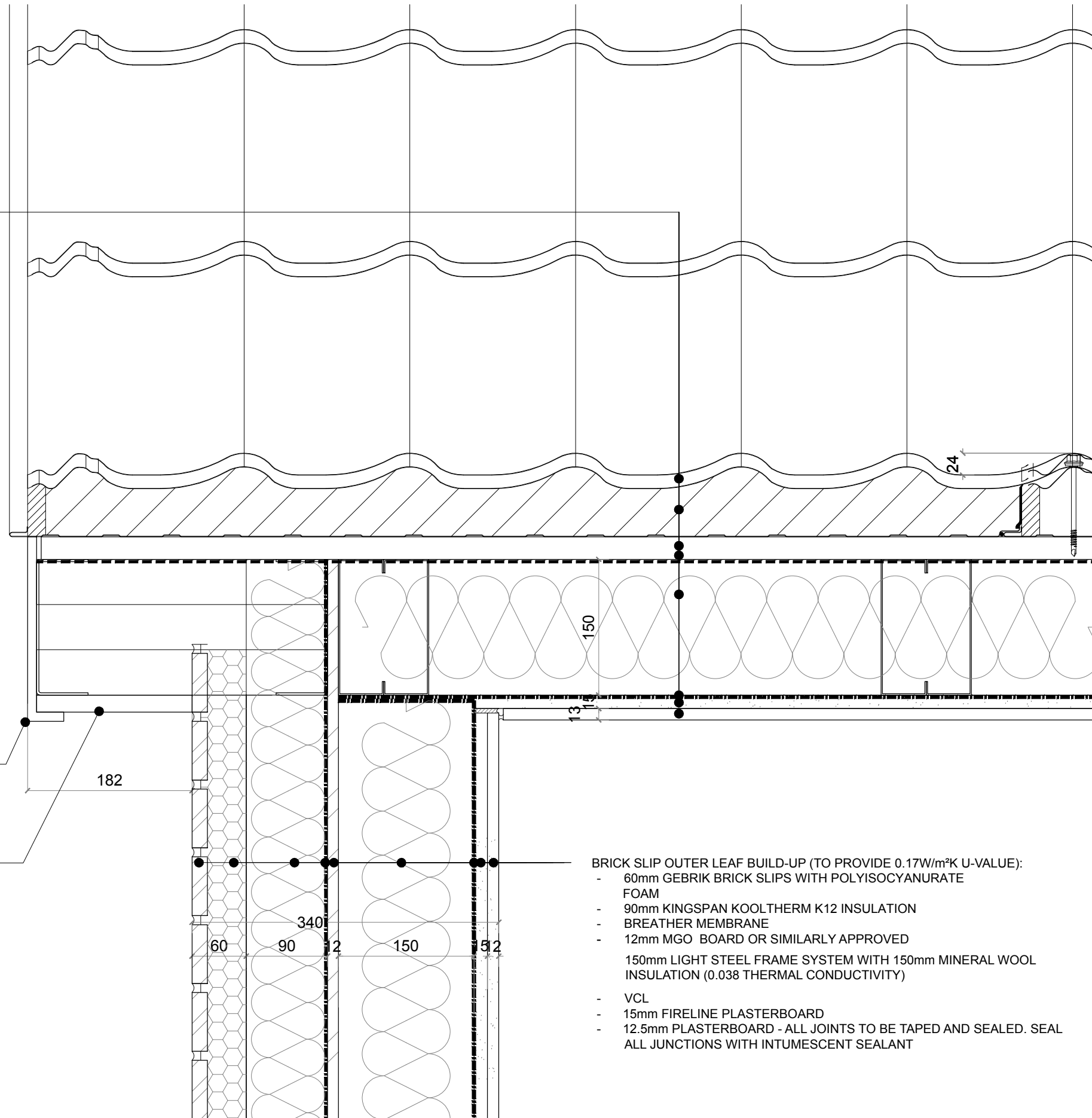
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PRELIMINARY



# NON-HABITABLE ROOF VOID

- JI PERMAPAN 1100 PIR INSULATED PANELS (TO PROVIDE 0.13W/m<sup>2</sup>K U-VALUE):
- 24mm HPS 200 ULTRA TOP SHEET COATING
  - 40mm HIGH THERMAL PERFORMANCE PIR FOAM
  - BREATHER MEMBRANE
  - 50mm COUNTER BATTEN
  - 150mm LIGHT STEEL FRAME SYSTEM WITH 120mm ECOTHERM ECO-VERSAL INSULATION IN BETWEEN
  - VCL
  - 15mm FIRELINE PLASTERBOARD.
  - 12.5mm PLASTERBOARD
  - ALL JOINTS TO BE TAPED AND SEALED



- BRICK SLIP OUTER LEAF BUILD-UP (TO PROVIDE 0.17W/m<sup>2</sup>K U-VALUE):
- 60mm GEBRIK BRICK SLIPS WITH POLYISOCYANURATE FOAM
  - 90mm KINGSPAN KOOLTHERM K12 INSULATION
  - BREATHER MEMBRANE
  - 12mm MGO BOARD OR SIMILARLY APPROVED
  - 150mm LIGHT STEEL FRAME SYSTEM WITH 150mm MINERAL WOOL INSULATION (0.038 THERMAL CONDUCTIVITY)
  - VCL
  - 15mm FIRELINE PLASTERBOARD
  - 12.5mm PLASTERBOARD - ALL JOINTS TO BE TAPED AND SEALED. SEAL ALL JUNCTIONS WITH INTUMESCENT SEALANT

Rev.	Date	Description	Init.
-	-	-	-

Client  
**HADFRAME**

Project Title  
**HADFRAME SYSTEM**

Drawing Title 3B5P VERGE DETAIL - COMPOSITE PANEL TILE <b>INSULATED BRICK SLIP</b>		
Cad File 1485_DETAILS SET 03	Sheet Size A3	Scale 1:5
Drawn by AM	Drawing Date NOV 2016	Approved by DW
Project No. 1485	Drawing No. D06B-43	Revision -



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