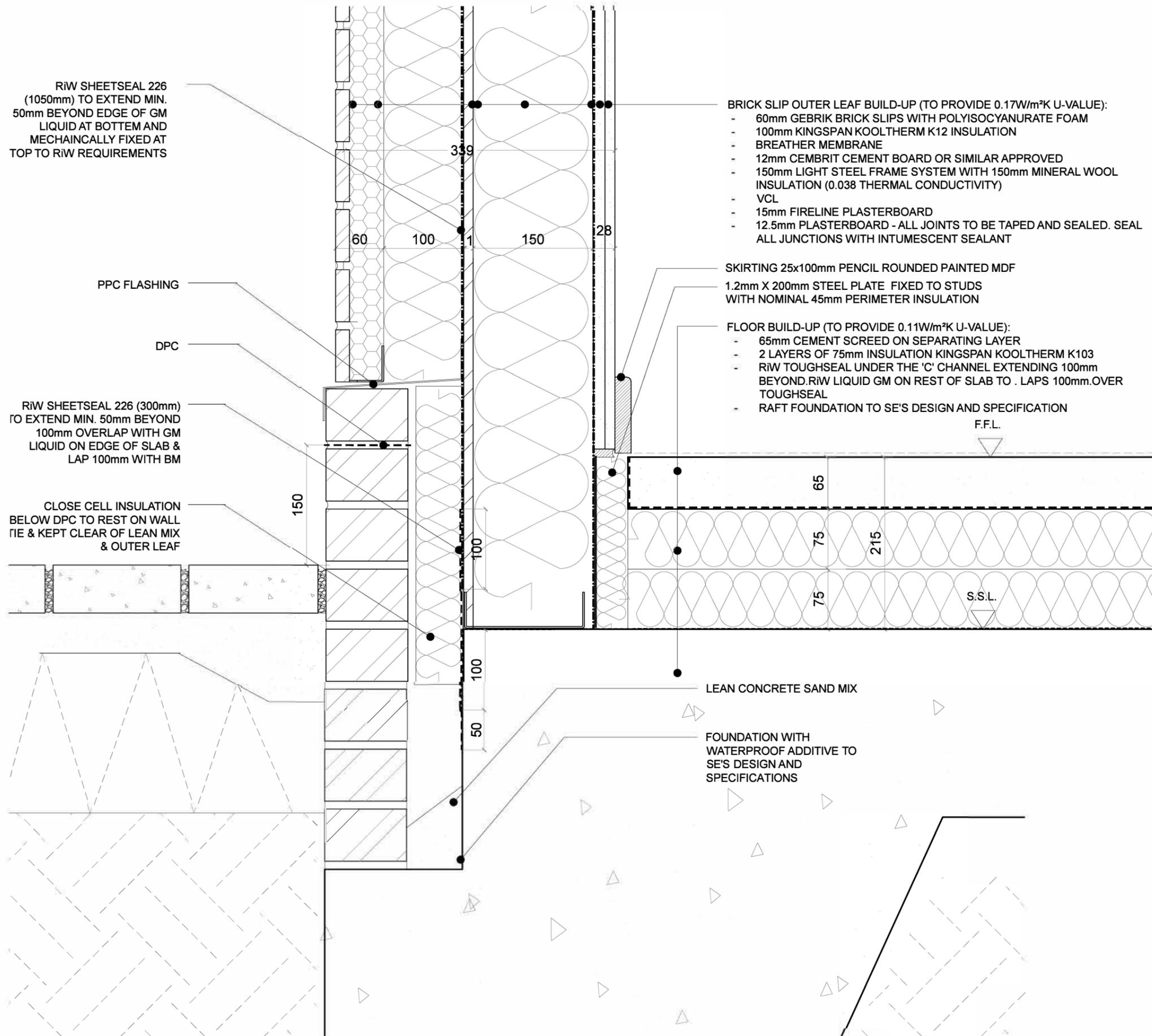


C	2018/03/09	VCL added & Composite Panel Roof replaced	AM
B	2017/01/26	General Build up Amendments	CM
A	2016/12/14	General Build up Amendments	EHG/DW
rev.	date	description	issued by

HADFRAME.CO.UK
PERFECT COMMERCIAL STEEL SECTIONS

Job:	drawn by:	date:
DWELLING HOUSE EXTERNAL WALL AND RAFT JUNCTION INSULATED BRICK SLIP (IN CAVITY) SECTION	1:5	1485
note: all dimensions to be checked before commencement of the work. If the drawing exceeds the quantities in any way the architects are to be informed before the work is commenced. for all other purposes other than planning application purposes do not scale. use dimensions. this drawing is copyright.	drawing no.	rev.
	D01B_8	C

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BRICK SLIP OUTER LEAF BUILD-UP (TO PROVIDE 0.17W/m²K 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/m²K 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 LAP 100mm OVER TOUGHSEAL
- RAFT FOUNDATION TO SE'S DESIGN AND SPECIFICATION

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

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

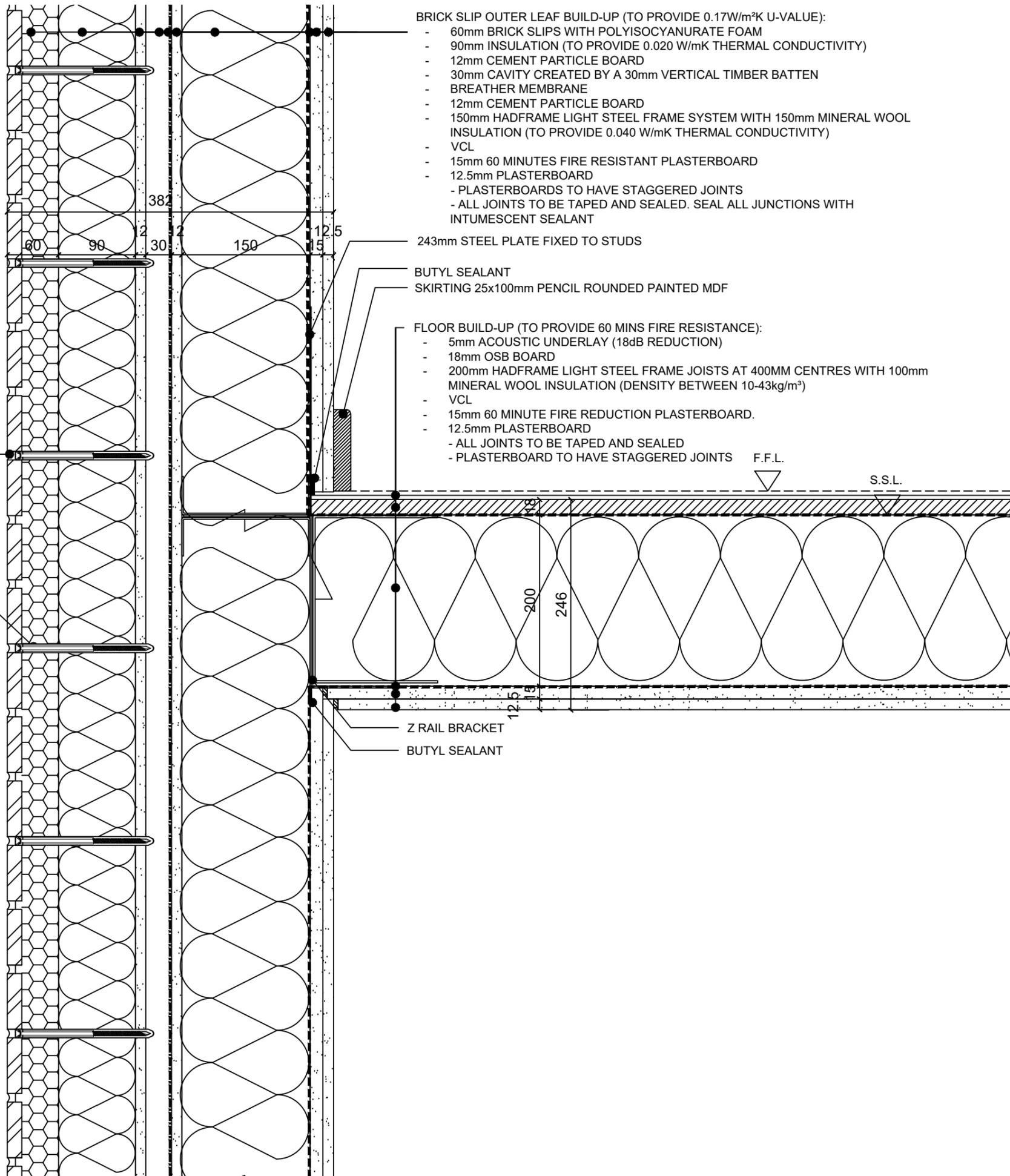
Drawing Title
 3B5P
 EXTERNAL WALL AND RAFT JUNCTION
 INSULATED BRICK SLIPS (NO CAVITY)

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/m²K U-VALUE):
- 60mm BRICK SLIPS WITH POLYISOCYANURATE FOAM
 - 90mm INSULATION (TO PROVIDE 0.020 W/mK THERMAL CONDUCTIVITY)
 - 12mm CEMENT PARTICLE BOARD
 - 30mm CAVITY CREATED BY A 30mm VERTICAL TIMBER BATTEN
 - BREATHER MEMBRANE
 - 12mm CEMENT PARTICLE BOARD
 - 150mm HADFRAME LIGHT STEEL FRAME SYSTEM WITH 150mm MINERAL WOOL INSULATION (TO PROVIDE 0.040 W/mK THERMAL CONDUCTIVITY)
 - VCL
 - 15mm 60 MINUTES FIRE RESISTANT PLASTERBOARD
 - 12.5mm PLASTERBOARD
 - PLASTERBOARDS TO HAVE STAGGERED JOINTS
 - ALL JOINTS TO BE TAPED AND SEALED. SEAL ALL JUNCTIONS WITH INTUMESCENT SEALANT

- 243mm STEEL PLATE FIXED TO STUDS
- BUTYL SEALANT
- SKIRTING 25x100mm PENCIL ROUNDED PAINTED MDF

- FLOOR BUILD-UP (TO PROVIDE 60 MINS FIRE RESISTANCE):
- 5mm ACOUSTIC UNDERLAY (18dB REDUCTION)
 - 18mm OSB BOARD
 - 200mm HADFRAME LIGHT STEEL FRAME JOISTS AT 400MM CENTRES WITH 100mm MINERAL WOOL INSULATION (DENSITY BETWEEN 10-43kg/m³)
 - VCL
 - 15mm 60 MINUTE FIRE REDUCTION PLASTERBOARD.
 - 12.5mm PLASTERBOARD
 - ALL JOINTS TO BE TAPED AND SEALED
 - PLASTERBOARD TO HAVE STAGGERED JOINTS

MORTAR APPLIED AFTER FIXING TO SUBSTRATE

SCREW & PLUG (LENGTH & TYPE DEPENDENT ON SUBSTRATE)

F.F.L.

S.S.L.

- Z RAIL BRACKET
- BUTYL SEALANT

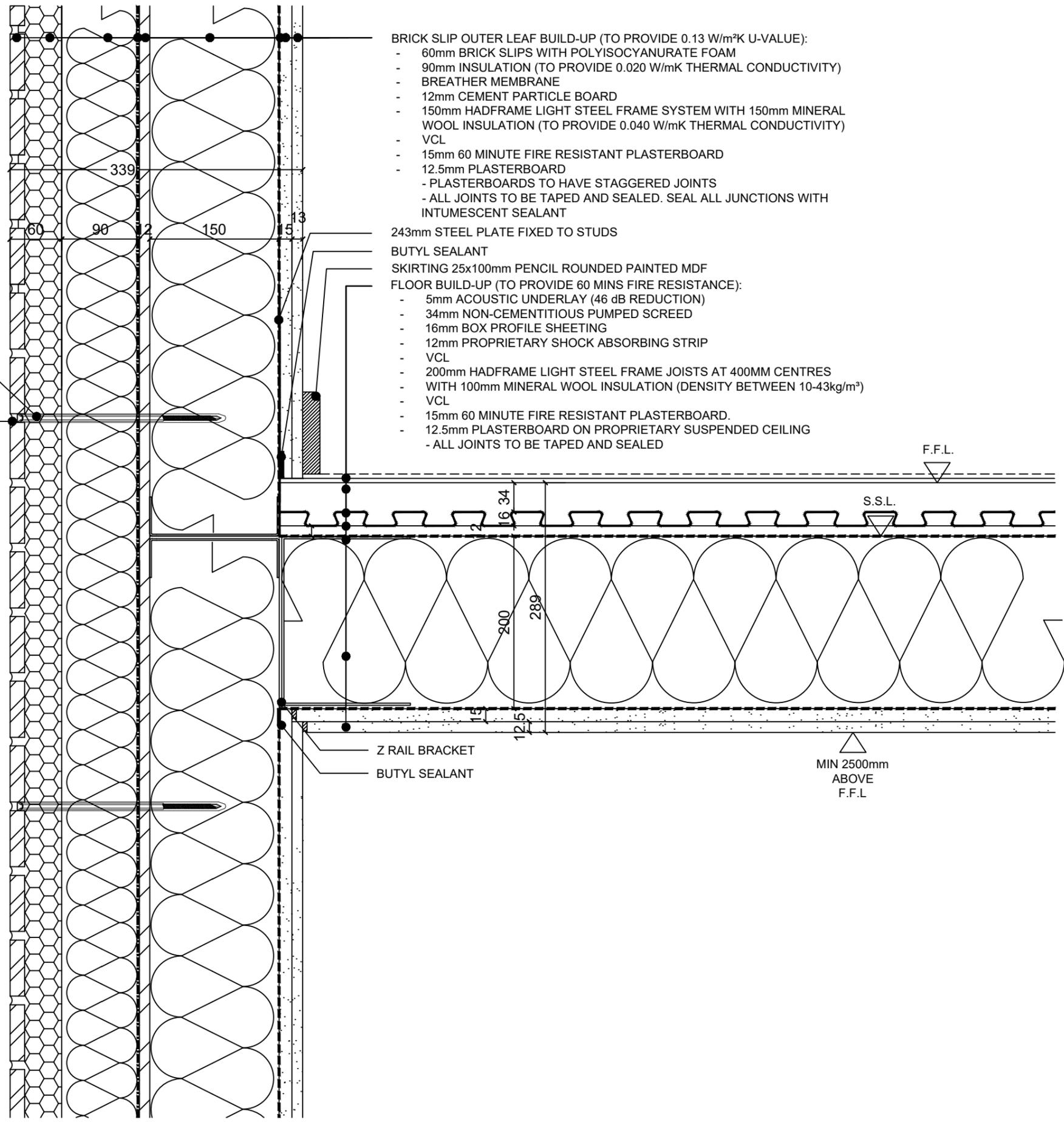
C	2018/03/09	VCL added & Composite Panel Roof replaced	AM
B	2017/01/26	General Build up Amendments	CM
A	2016/12/14	General Build up Amendments	EHG/DW
rev.	date	description	issued by

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PERFECT COMMERCIAL STEEL SECTIONS

job:	drawn by:	date:
DWELLING HOUSE EXTERNAL WALL AND FIRST FLOOR JUNCTION INSULATED BRICK SLIPS - SECTION	EHG/DW	08/2018
scale:	job no:	
1:5	1485	
drawing no.	rev.	
D02A_3	C	

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- BRICK SLIP OUTER LEAF BUILD-UP (TO PROVIDE 0.13 W/m²K U-VALUE):
- 60mm BRICK SLIPS WITH POLYISOCYANURATE FOAM
 - 90mm INSULATION (TO PROVIDE 0.020 W/mK THERMAL CONDUCTIVITY)
 - BREATHER MEMBRANE
 - 12mm CEMENT PARTICLE BOARD
 - 150mm HADFRAME LIGHT STEEL FRAME SYSTEM WITH 150mm MINERAL WOOL INSULATION (TO PROVIDE 0.040 W/mK THERMAL CONDUCTIVITY)
 - VCL
 - 15mm 60 MINUTE FIRE RESISTANT PLASTERBOARD
 - 12.5mm PLASTERBOARD
 - PLASTERBOARDS TO HAVE STAGGERED JOINTS
 - ALL JOINTS TO BE TAPED AND SEALED. SEAL ALL JUNCTIONS WITH INTUMESCENT SEALANT

- 243mm STEEL PLATE FIXED TO STUDS
- BUTYL SEALANT
- SKIRTING 25x100mm PENCIL ROUNDED PAINTED MDF
- FLOOR BUILD-UP (TO PROVIDE 60 MINS FIRE RESISTANCE):

- 5mm ACOUSTIC UNDERLAY (46 dB REDUCTION)
- 34mm NON-CEMENTITIOUS PUMPED SCREED
- 16mm BOX PROFILE SHEETING
- 12mm PROPRIETARY SHOCK ABSORBING STRIP
- VCL
- 200mm HADFRAME LIGHT STEEL FRAME JOISTS AT 400MM CENTRES
- WITH 100mm MINERAL WOOL INSULATION (DENSITY BETWEEN 10-43kg/m³)
- VCL
- 15mm 60 MINUTE FIRE RESISTANT PLASTERBOARD.
- 12.5mm PLASTERBOARD ON PROPRIETARY SUSPENDED CEILING
- ALL JOINTS TO BE TAPED AND SEALED

SCREW & PLUG (LENGTH & TYPE DEPENDENT ON SUBSTRATE)

MORTAR APPLIED AFTER FIXING TO SUBSTRATE

Z RAIL BRACKET

BUTYL SEALANT

MIN 2500mm ABOVE F.F.L.

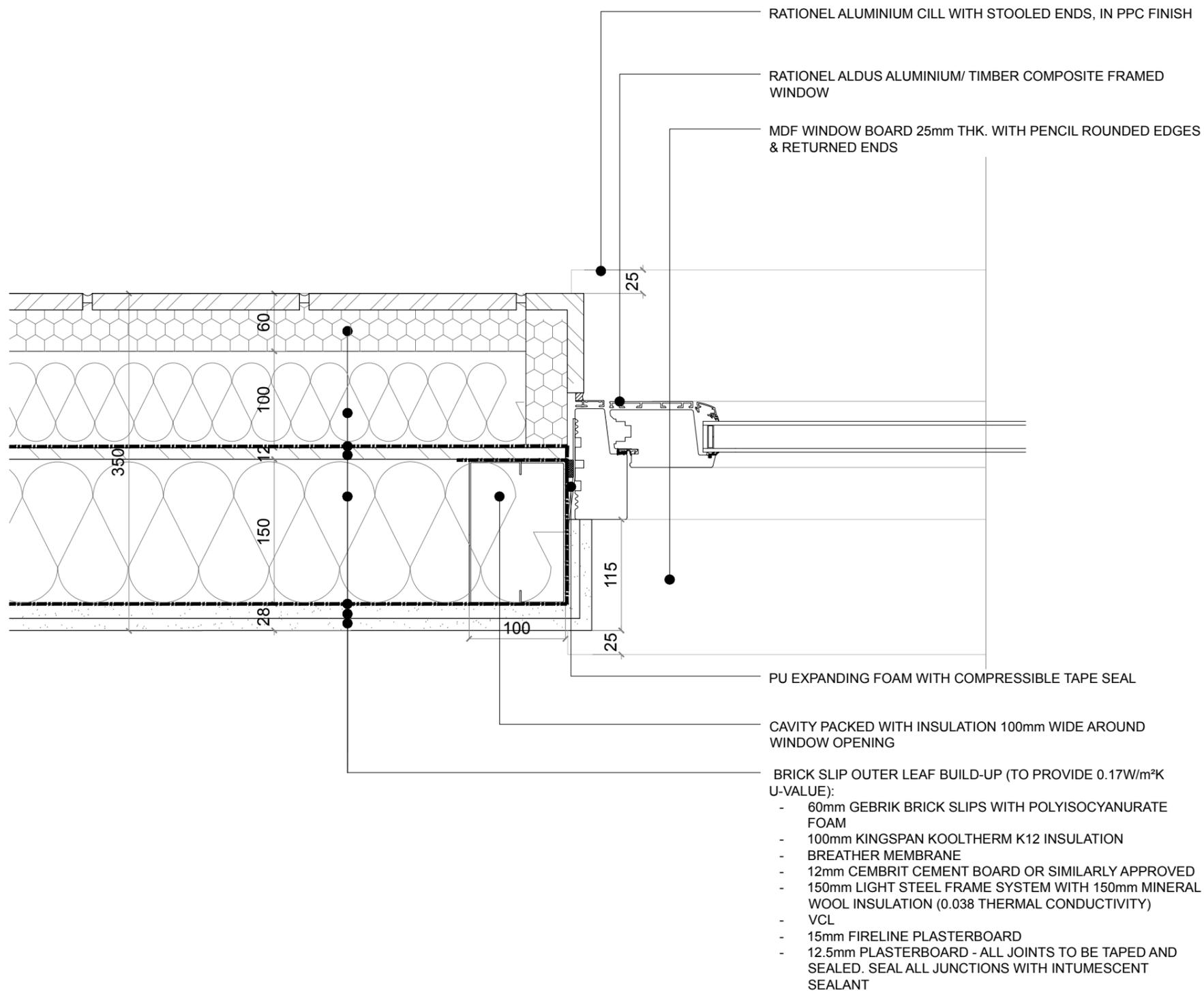
A	2018/03/09	VCL added & Composite Panel Roof replaced	AM
rev.	date	description	issued by

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PERFECT COMMERCIAL STEEL SECTIONS

job:	drawn by:	date:
DWELLING HOUSE EXTERNAL WALL AND GROUND FLOOR JUNCTION INSULATED BRICK SLIP (NO CAVITY) - SECTION	1:5	1485
drawing no.	rev.	
D02B_8	A	

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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

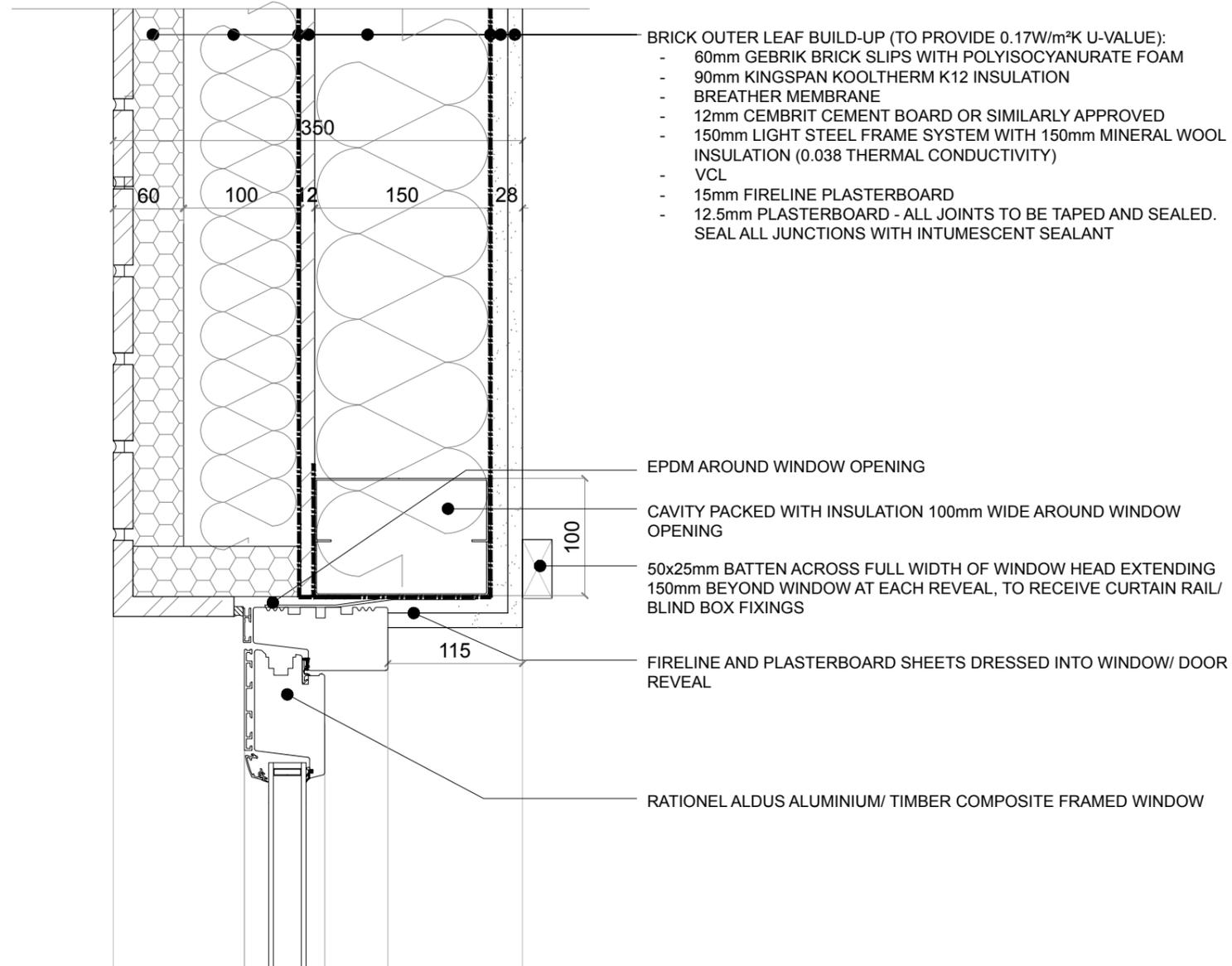
3B5P
WINDOW JAMB DETAIL
INSULATED BRICK SLIPS (NO CAVITY)

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

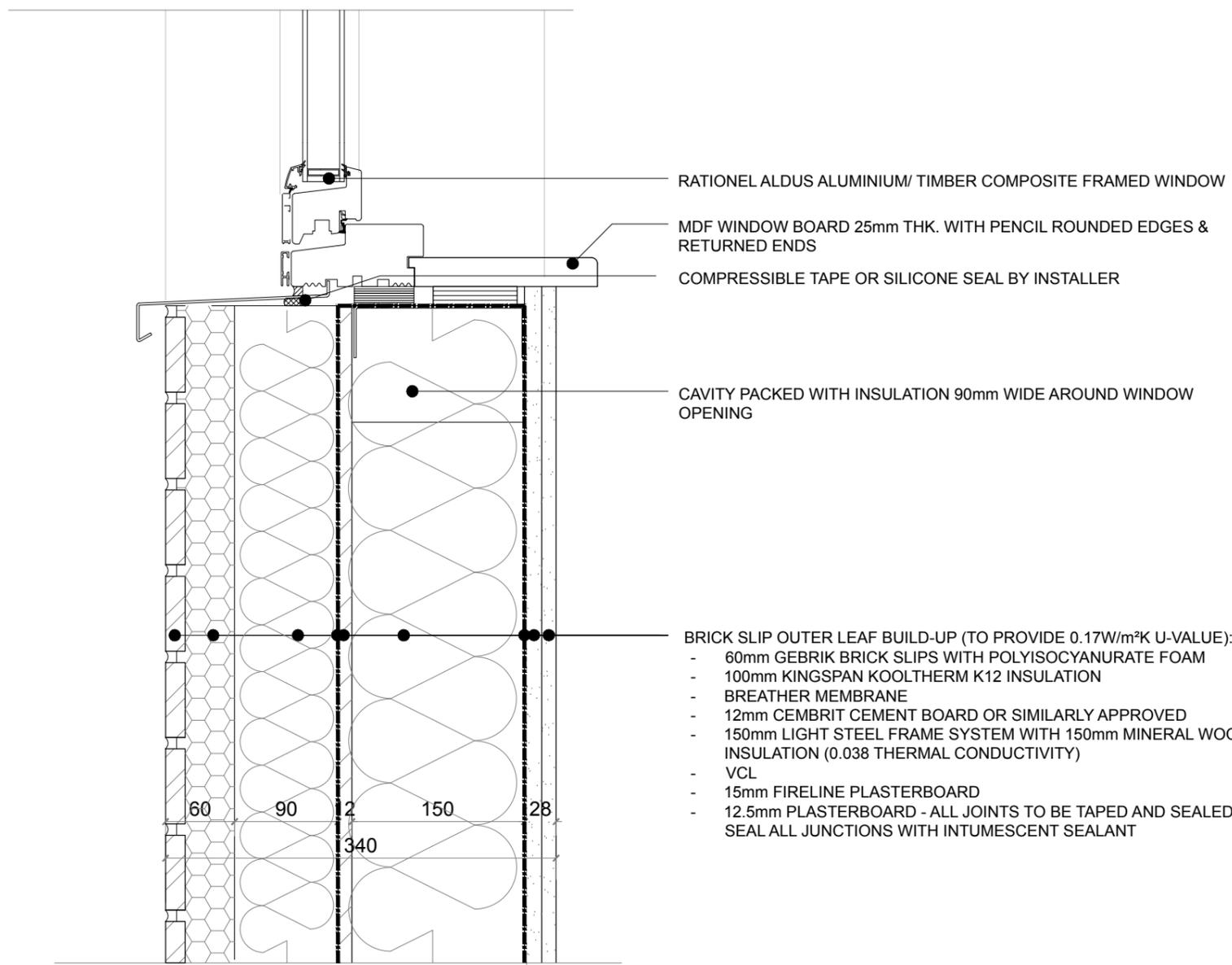
Drawing Title
 3B5P
 WINDOW HEAD DETAIL
 INSULATED BRICK SLIPS (NO CAVITY)

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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PRELIMINARY



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

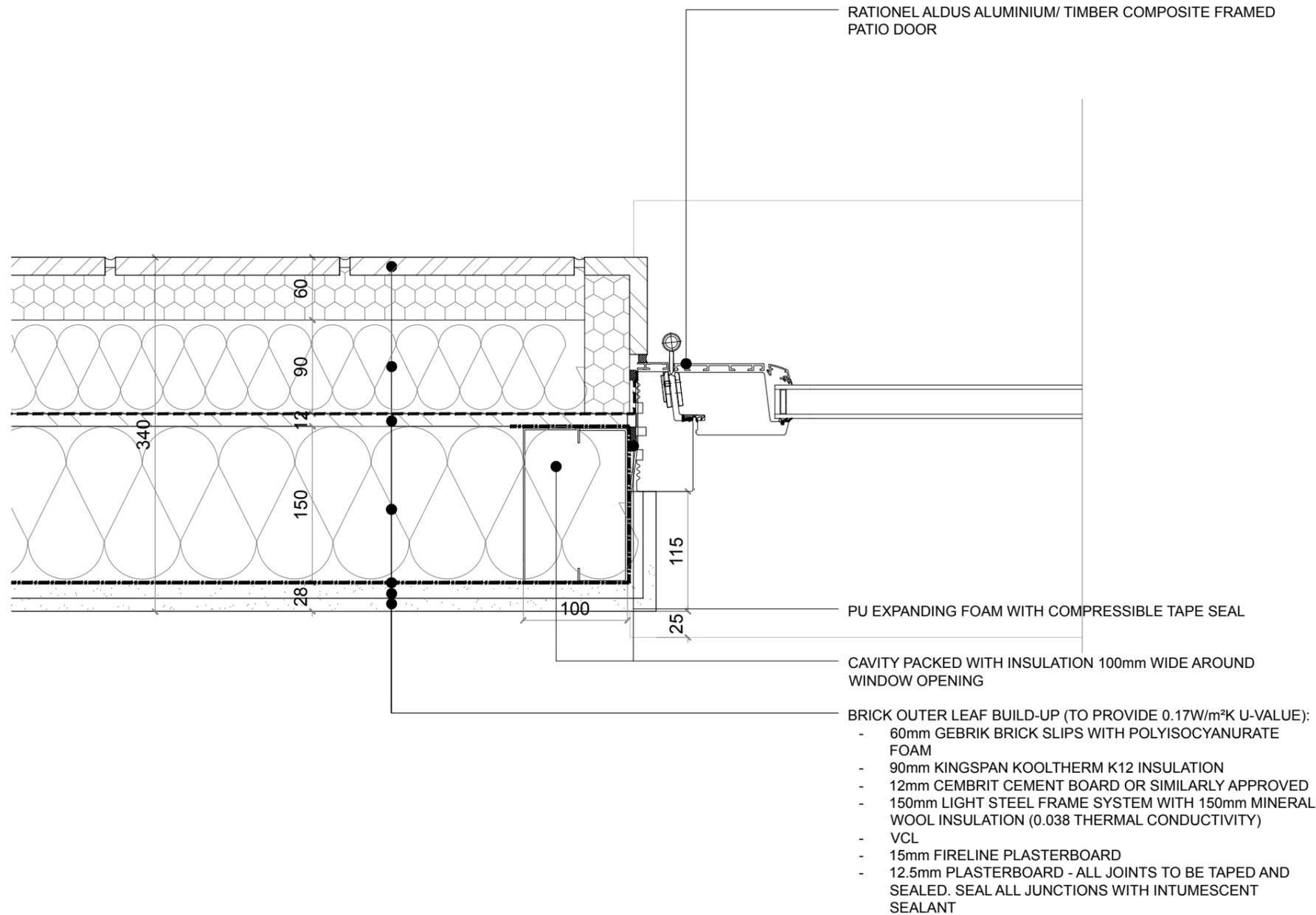
Drawing Title
 3B5P
 WINDOW CILL DETAIL
 INSULATED BRICK SLIPS (NO CAVITY)

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

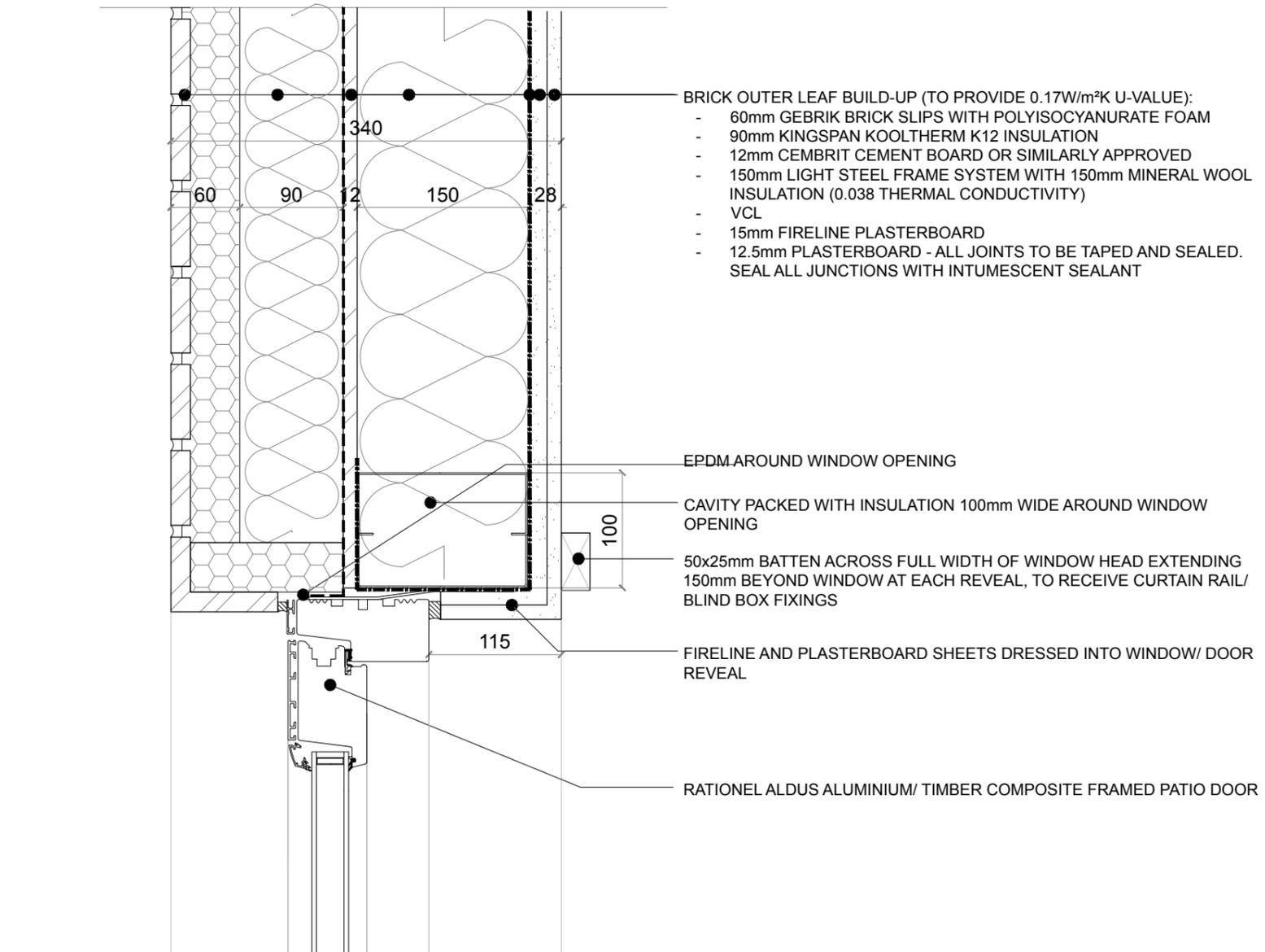
Drawing Title
3B5P
DOOR JAMB DETAIL
INSULATED BRICK SLIPS (NO CAVITY)

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-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

NON HABITABLE ROOF VOID

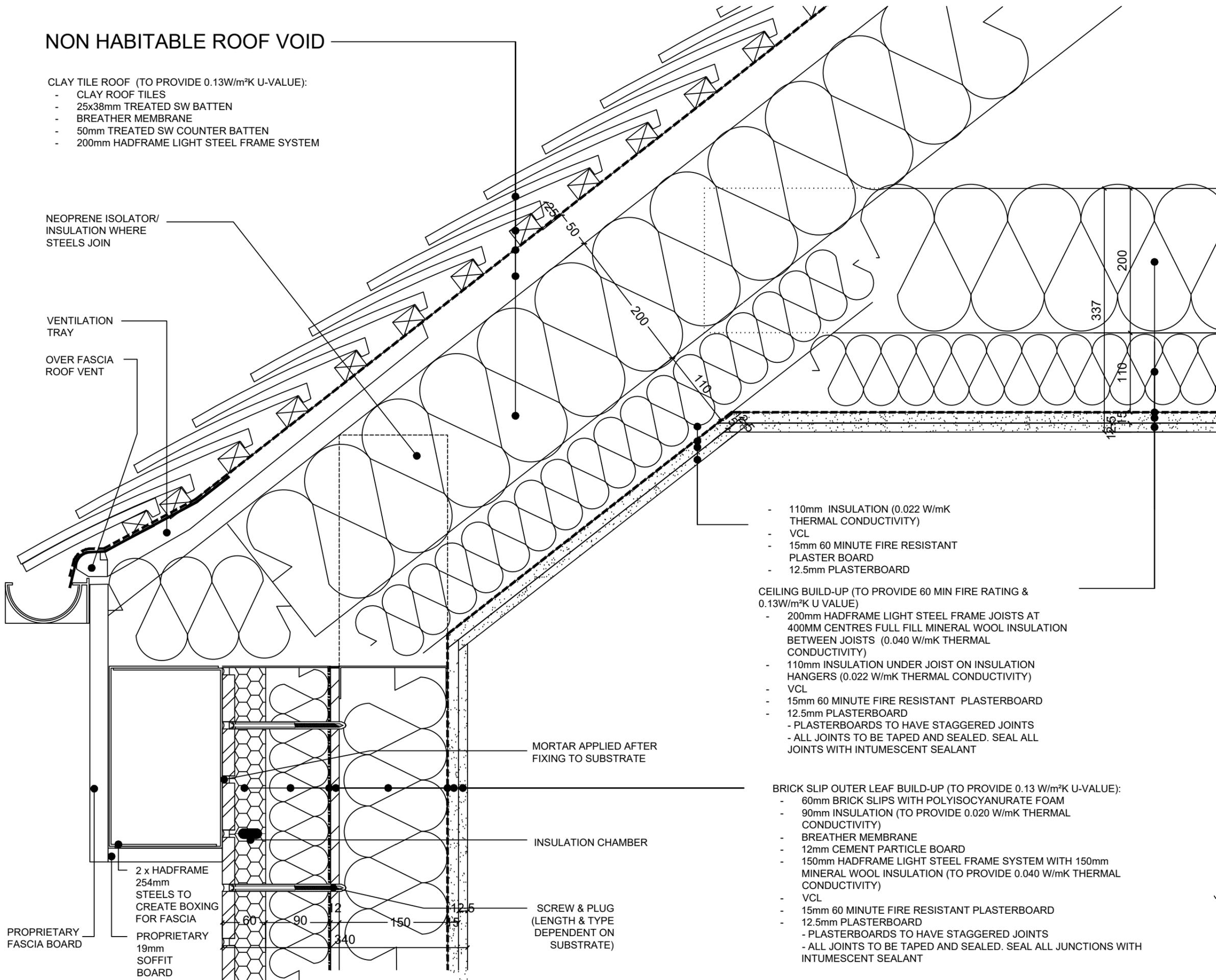
CLAY TILE ROOF (TO PROVIDE 0.13W/m²K U-VALUE):

- CLAY ROOF TILES
- 25x38mm TREATED SW BATTEN
- BREATHER MEMBRANE
- 50mm TREATED SW COUNTER BATTEN
- 200mm HADFRAME LIGHT STEEL FRAME SYSTEM

NEOPRENE ISOLATOR/
INSULATION WHERE
STEELS JOIN

VENTILATION
TRAY

OVER FASCIA
ROOF VENT



- 110mm INSULATION (0.022 W/mK THERMAL CONDUCTIVITY)
- VCL
- 15mm 60 MINUTE FIRE RESISTANT PLASTER BOARD
- 12.5mm PLASTERBOARD

CEILING BUILD-UP (TO PROVIDE 60 MIN FIRE RATING & 0.13W/m²K U VALUE)

- 200mm HADFRAME LIGHT STEEL FRAME JOISTS AT 400MM CENTRES FULL FILL MINERAL WOOL INSULATION BETWEEN JOISTS (0.040 W/mK THERMAL CONDUCTIVITY)
- 110mm INSULATION UNDER JOIST ON INSULATION HANGERS (0.022 W/mK THERMAL CONDUCTIVITY)
- VCL
- 15mm 60 MINUTE FIRE RESISTANT PLASTERBOARD
- 12.5mm PLASTERBOARD
- PLASTERBOARDS TO HAVE STAGGERED JOINTS
- ALL JOINTS TO BE TAPED AND SEALED. SEAL ALL JOINTS WITH INTUMESCENT SEALANT

BRICK SLIP OUTER LEAF BUILD-UP (TO PROVIDE 0.13 W/m²K U-VALUE):

- 60mm BRICK SLIPS WITH POLYISOCYANURATE FOAM
- 90mm INSULATION (TO PROVIDE 0.020 W/mK THERMAL CONDUCTIVITY)
- BREATHER MEMBRANE
- 12mm CEMENT PARTICLE BOARD
- 150mm HADFRAME LIGHT STEEL FRAME SYSTEM WITH 150mm MINERAL WOOL INSULATION (TO PROVIDE 0.040 W/mK THERMAL CONDUCTIVITY)
- VCL
- 15mm 60 MINUTE FIRE RESISTANT PLASTERBOARD
- 12.5mm PLASTERBOARD
- PLASTERBOARDS TO HAVE STAGGERED JOINTS
- ALL JOINTS TO BE TAPED AND SEALED. SEAL ALL JUNCTIONS WITH INTUMESCENT SEALANT

rev.	date	description	issued by
C	2018/03/09	VCL added & Composite Panel Roof replaced	AM
B	2017/01/26	General Build up Amendments	CM
A	2016/12/14	General Build up Amendments	EHG/DW

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Job:	drawn by:	date:
DWELLING HOUSE TRUSS ROOF EAVES DETAIL INSULATED BRICK SLIP (NO CAVITY) - SECTION	scale:	job no:
note: all dimensions to be checked on site before commencement of the work. If this drawing exceeds the quantities in any way the architects are to be informed before the work is commenced. for all other purposes other than planning application purposes do not scale. use dimensions. this drawing is copyright.	1:5	1485
	drawing no:	rev.
	D06B_3	C

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HABITABLE ROOF VOID

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

- CLAY ROOF TILES
- 25x38mm TREATED SW BATTEN
- BREATHER MEMBRANE
- 50mm SW COUNTER BATTEN
- 100mm THICK INSULATION (THERMAL CONDUCTIVITY 0.022W/mK)
- 18mm WBP
- 254mm HADFRAME LIGHT STEEL FRAME SYSTEM WITH 150mm INSULATION IN BETWEEN (THERMAL CONDUCTIVITY 0.022W/mk)
- VCL
- 15mm 60 MINUTE FIRE RESISTANT PLASTERBOARD
- 12.5mm PLASTERBOARD
- PLASTERBOARDS TO HAVE STAGGERED JOINTS

NEOPRENE ISOLATOR/
INSULATION WHERE
STEELS JOIN

VENTILATION TRAY

OVER
FASCIA
ROOF VENT

PROPRIETARY
FASCIA BOARD 45mm INSULATION
(0.022 W/mK
THERMAL
CONDUCTIVITY)

PROPRIETARY
19mm SOFFIT
BOARD

MORTAR APPLIED AFTER
FIXING TO SUBSTRATE

BRICK SLIP OUTER LEAF BUILD-UP (TO PROVIDE 0.13 W/m²K U-VALUE):

- 60mm BRICK SLIPS WITH POLYISOCYANURATE FOAM
- 90mm INSULATION (TO PROVIDE 0.020 W/mK THERMAL CONDUCTIVITY)
- BREATHER MEMBRANE
- 12mm CEMENT PARTICLE BOARD
- 150mm HADFRAME LIGHT STEEL FRAME SYSTEM WITH 150mm MINERAL WOOL INSULATION (TO PROVIDE 0.040 W/mK THERMAL CONDUCTIVITY)
- VCL
- 15mm 60 MINUTES FIRE RESISTANT PLASTERBOARD
- 12.5mm PLASTERBOARD
- PLASTERBOARDS TO HAVE STAGGERED JOINTS
- ALL JOINTS TO BE TAPED AND SEALED. SEAL ALL JUNCTIONS WITH INTUMESCENT SEALANT

FLOOR BUILD-UP (TO PROVIDE 60 MIN FIRE RATING)

- 18mm OSB BOARD ON VCL
- 200mm HADFRAME LIGHT STEEL FRAME JOISTS AT 400MM CENTRES WITH 100mm MINERAL WOOL INSULATION BETWEEN JOISTS (DENSITY BETWEEN 10-43kg/m³; THERMAL CONDUCTIVITY 0.040 W/mK)
- VCL
- 15mm 60 MINUTE FIRE RESISTANT PLASTERBOARD
- 12.5mm PLASTERBOARD
- PLASTERBOARDS TO HAVE STAGGERED JOINTS
- ALL JOINTS TO BE TAPED AND SEALED. SEAL ALL JOINTS WITH INTUMESCENT SEALANT

INSULATION CHAMBER

SCREW & PLUG
(LENGTH & TYPE
DEPENDENT ON
SUBSTRATE)

rev.	date	description	issued by
C	2018/03/09	VCL added & Composite Panel Roof replaced	AM
B	2017/01/26	General Build up Amendments	CM
A	2016/12/14	General Build up Amendments	EHG/DW

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PERFECT COMMERCIAL STEEL SECTIONS

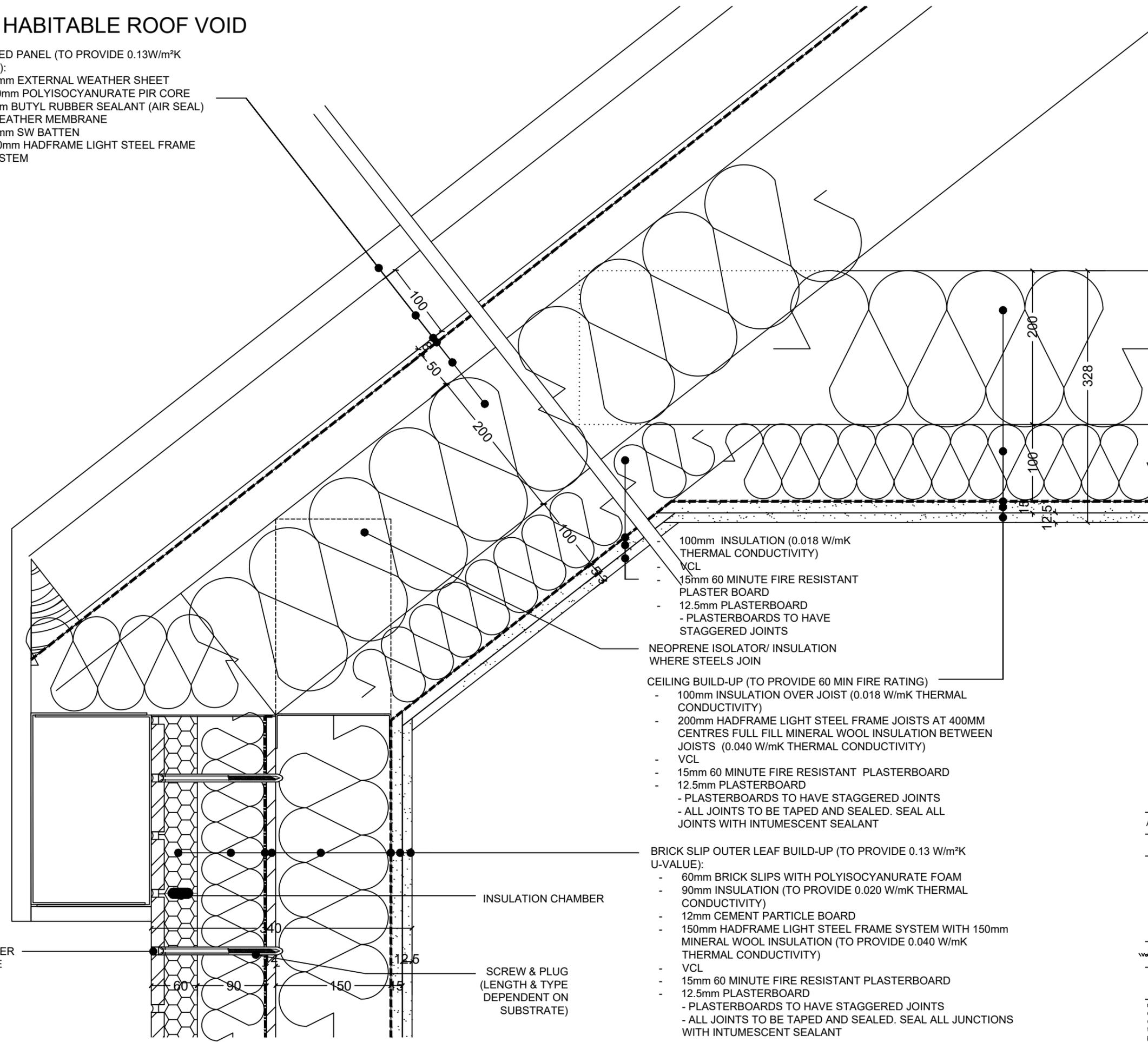
Job:	drawn by:	date:
DWELLING HOUSE FRAMED ROOF EAVES DETAIL INSULATED BRICK SLIP (NO CAVITY) - SECTION	scale:	job no:
note: all dimensions to be checked on site before commencement of the work. If this drawing exceeds the quantities in any way the architects are to be informed before the work is commenced. for all other purposes other than planning application purposes do not scale. use dimensions. this drawing is copyright.	1:5	1485
	drawing no.	rev.
	D06B_9	C

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NON HABITABLE ROOF VOID

INSULATED PANEL (TO PROVIDE 0.13W/m²K U-VALUE):

- 42mm EXTERNAL WEATHER SHEET
- 100mm POLYISOCYANURATE PIR CORE
- 8mm BUTYL RUBBER SEALANT (AIR SEAL)
- BREATHER MEMBRANE
- 50mm SW BATTEN
- 200mm HADFRAME LIGHT STEEL FRAME SYSTEM



- 100mm INSULATION (0.018 W/mK THERMAL CONDUCTIVITY)
- VCL
- 15mm 60 MINUTE FIRE RESISTANT PLASTER BOARD
- 12.5mm PLASTERBOARD
- PLASTERBOARDS TO HAVE STAGGERED JOINTS
- NEOPRENE ISOLATOR/ INSULATION WHERE STEELS JOIN
- CEILING BUILD-UP (TO PROVIDE 60 MIN FIRE RATING)
- 100mm INSULATION OVER JOIST (0.018 W/mK THERMAL CONDUCTIVITY)
- 200mm HADFRAME LIGHT STEEL FRAME JOISTS AT 400MM CENTRES FULL FILL MINERAL WOOL INSULATION BETWEEN JOISTS (0.040 W/mK THERMAL CONDUCTIVITY)
- VCL
- 15mm 60 MINUTE FIRE RESISTANT PLASTERBOARD
- 12.5mm PLASTERBOARD
- PLASTERBOARDS TO HAVE STAGGERED JOINTS
- ALL JOINTS TO BE TAPED AND SEALED. SEAL ALL JOINTS WITH INTUMESCENT SEALANT

- BRICK SLIP OUTER LEAF BUILD-UP (TO PROVIDE 0.13 W/m²K U-VALUE):
- 60mm BRICK SLIPS WITH POLYISOCYANURATE FOAM
- 90mm INSULATION (TO PROVIDE 0.020 W/mK THERMAL CONDUCTIVITY)
- 12mm CEMENT PARTICLE BOARD
- 150mm HADFRAME LIGHT STEEL FRAME SYSTEM WITH 150mm MINERAL WOOL INSULATION (TO PROVIDE 0.040 W/mK THERMAL CONDUCTIVITY)
- VCL
- 15mm 60 MINUTE FIRE RESISTANT PLASTERBOARD
- 12.5mm PLASTERBOARD
- PLASTERBOARDS TO HAVE STAGGERED JOINTS
- ALL JOINTS TO BE TAPED AND SEALED. SEAL ALL JUNCTIONS WITH INTUMESCENT SEALANT

MORTAR APPLIED AFTER FIXING TO SUBSTRATE

INSULATION CHAMBER

SCREW & PLUG (LENGTH & TYPE DEPENDENT ON SUBSTRATE)

A	2018/03/09	VCL added & Composite Panel Roof replaced	AM
rev.	date	description	issued by

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PERFECT COMMERCIAL STEEL SECTIONS

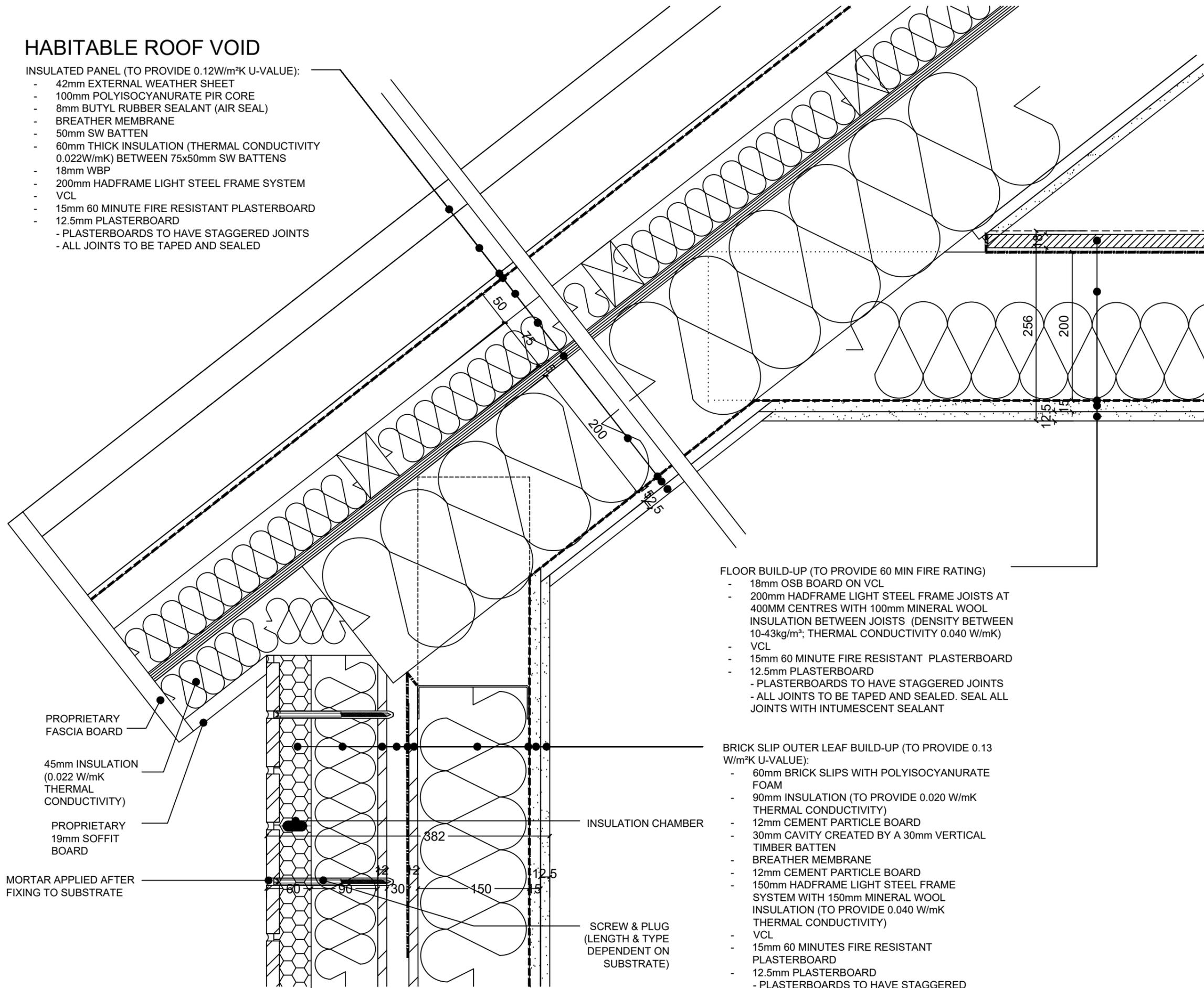
Job:	dwelling house	drawn by:	date:
Volume:	1	AW	11/2018
drawing:	DWELLING HOUSE TRUSS ROOF EAVES DETAIL INSULATED BRICK SLIP & COMPOSITE PANEL (EAVE CAVITY) - SECTION	scale:	job no:
		1:5	1485
note: all dimensions to be checked on site before commencement of the work. If this drawing exceeds the quantities in any way the architects are to be informed before the work is commenced. for all other purposes other than planning application purposes do not scale. use dimensions. this drawing is copyright.	drawing no.	rev.	
	D06B_14	A	

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HABITABLE ROOF VOID

INSULATED PANEL (TO PROVIDE 0.12W/m²K U-VALUE):

- 42mm EXTERNAL WEATHER SHEET
- 100mm POLYISOCYANURATE PIR CORE
- 8mm BUTYL RUBBER SEALANT (AIR SEAL)
- BREATHER MEMBRANE
- 50mm SW BATTEN
- 60mm THICK INSULATION (THERMAL CONDUCTIVITY 0.022W/mK) BETWEEN 75x50mm SW BATTENS
- 18mm WBP
- 200mm HADFRAME LIGHT STEEL FRAME SYSTEM
- VCL
- 15mm 60 MINUTE FIRE RESISTANT PLASTERBOARD
- 12.5mm PLASTERBOARD
- PLASTERBOARDS TO HAVE STAGGERED JOINTS
- ALL JOINTS TO BE TAPED AND SEALED



FLOOR BUILD-UP (TO PROVIDE 60 MIN FIRE RATING)

- 18mm OSB BOARD ON VCL
- 200mm HADFRAME LIGHT STEEL FRAME JOISTS AT 400MM CENTRES WITH 100mm MINERAL WOOL INSULATION BETWEEN JOISTS (DENSITY BETWEEN 10-43kg/m³; THERMAL CONDUCTIVITY 0.040 W/mK)
- VCL
- 15mm 60 MINUTE FIRE RESISTANT PLASTERBOARD
- 12.5mm PLASTERBOARD
- PLASTERBOARDS TO HAVE STAGGERED JOINTS
- ALL JOINTS TO BE TAPED AND SEALED. SEAL ALL JOINTS WITH INTUMESCENT SEALANT

BRICK SLIP OUTER LEAF BUILD-UP (TO PROVIDE 0.13 W/m²K U-VALUE):

- 60mm BRICK SLIPS WITH POLYISOCYANURATE FOAM
- 90mm INSULATION (TO PROVIDE 0.020 W/mK THERMAL CONDUCTIVITY)
- 12mm CEMENT PARTICLE BOARD
- 30mm CAVITY CREATED BY A 30mm VERTICAL TIMBER BATTEN
- BREATHER MEMBRANE
- 12mm CEMENT PARTICLE BOARD
- 150mm HADFRAME LIGHT STEEL FRAME SYSTEM WITH 150mm MINERAL WOOL INSULATION (TO PROVIDE 0.040 W/mK THERMAL CONDUCTIVITY)
- VCL
- 15mm 60 MINUTES FIRE RESISTANT PLASTERBOARD
- 12.5mm PLASTERBOARD
- PLASTERBOARDS TO HAVE STAGGERED JOINTS
- ALL JOINTS TO BE TAPED AND SEALED. SEAL ALL JUNCTIONS WITH INTUMESCENT SEALANT

PROPRIETARY FASCIA BOARD

45mm INSULATION (0.022 W/mK THERMAL CONDUCTIVITY)

PROPRIETARY 19mm SOFFIT BOARD

MORTAR APPLIED AFTER FIXING TO SUBSTRATE

INSULATION CHAMBER

SCREW & PLUG (LENGTH & TYPE DEPENDENT ON SUBSTRATE)

A	2018/03/09	VCL added & Composite Panel Roof replaced	AM
rev.	date	description	issued by

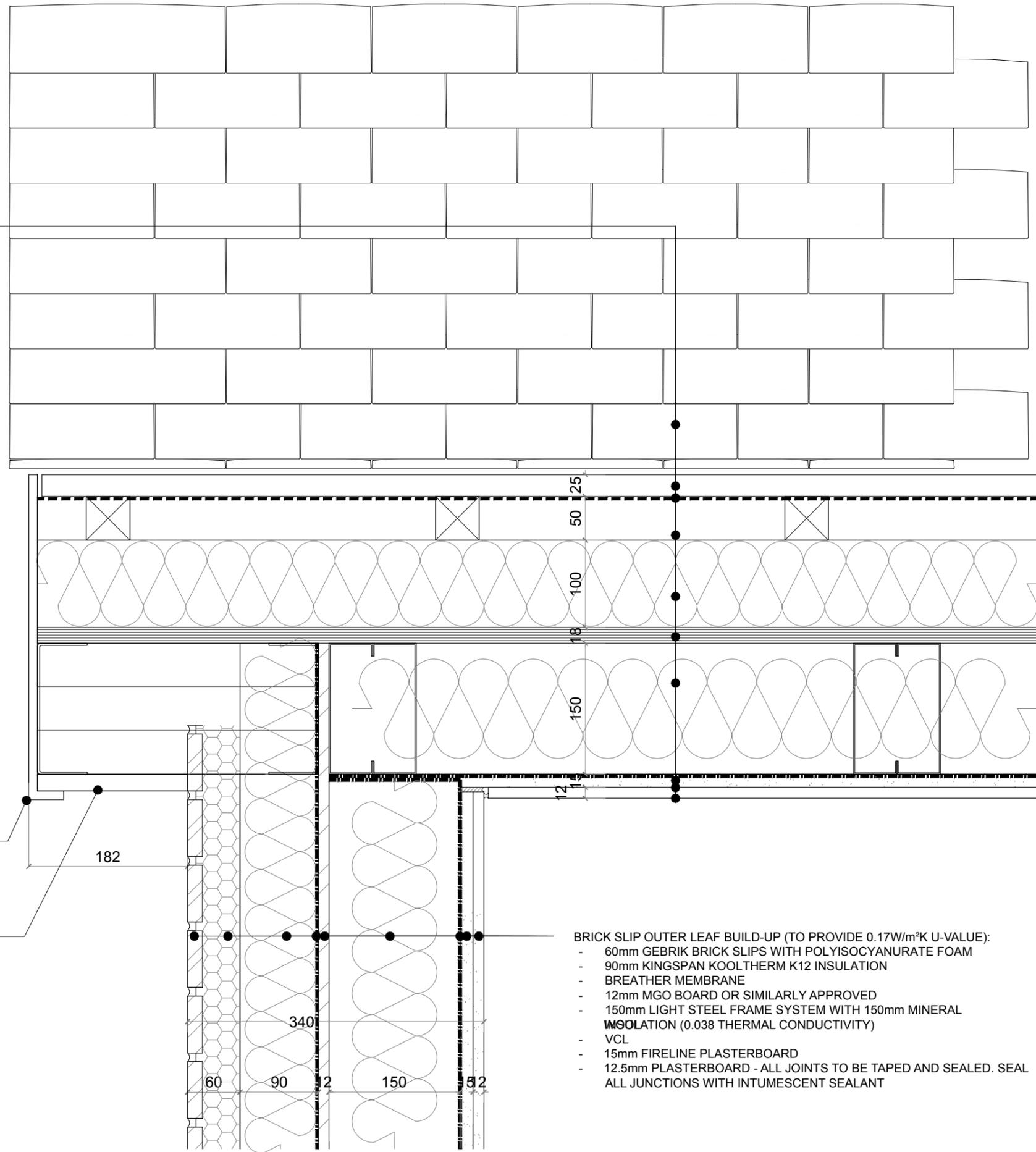
HADFRAME.CO.UK
PERFECT COMMERCIAL STEEL SECTIONS

Job:	drawn by:	date:
DWELLING HOUSE FRAMED ROOF EAVES DETAIL BRICK SLIPS & COMPOSITE PANEL TILE SECTION	AM	06/2019
drawing:	scale:	job no:
DWELLING HOUSE FRAMED ROOF EAVES DETAIL BRICK SLIPS & COMPOSITE PANEL TILE SECTION	1:5	1485
note: all dimensions to be checked on site before commencement of the work. If this drawing exceeds the quantities in any way the architects are to be informed before the work is commenced. for all other purposes other than planning application purposes do not scale. use dimensions. this drawing is copyright.	drawing no:	rev.
	D06A_19	A

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
- 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



- 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 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	A3	1:5

Drawn by	Drawing Date	Approved by
AM	NOV 2016	DW

Project No.	Drawing No.	Revision
1485	D06B-28	-

1485 D06B-28

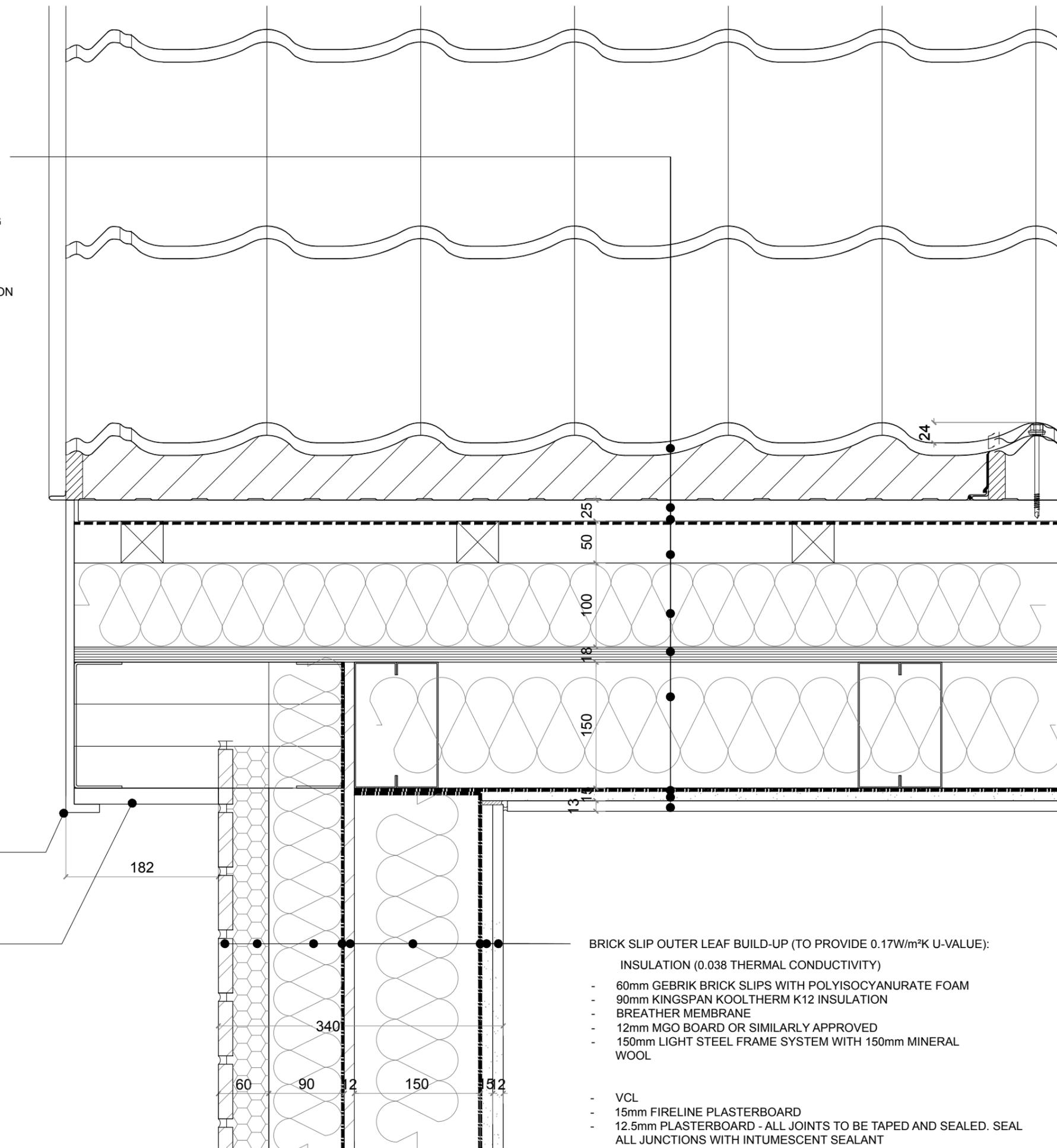


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PRELIMINARY

HABITABLE ROOF VOID

- JI PERMAPAN 1100 PIR INSULATED PANELS (TO PROVIDE 0.13W/m²K 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



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 03	A3	1:5

Drawn by	Drawing Date	Approved by
AM	NOV 2016	DW

Project No.	Drawing No.	Revision
1485	D06B-33	-

1485 D06B-33

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PERFECT COMMERCIAL AND RESIDENTIAL STEEL SECTIONS

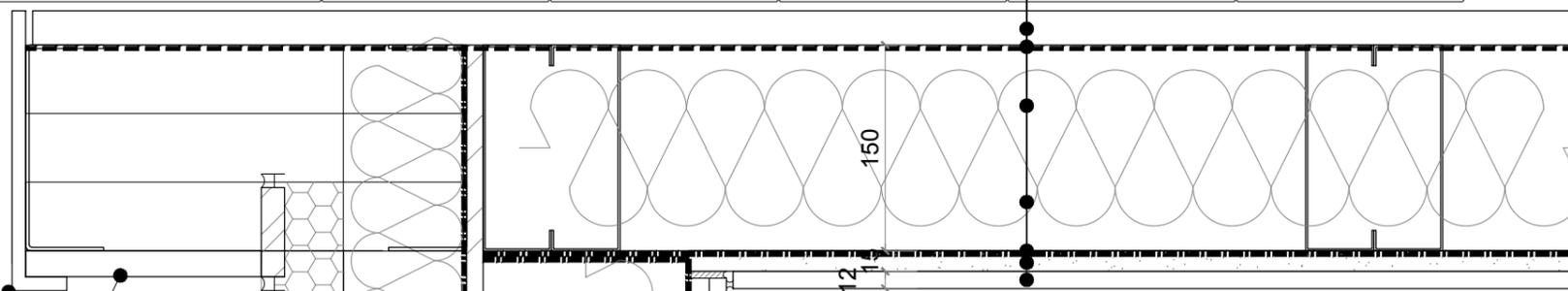
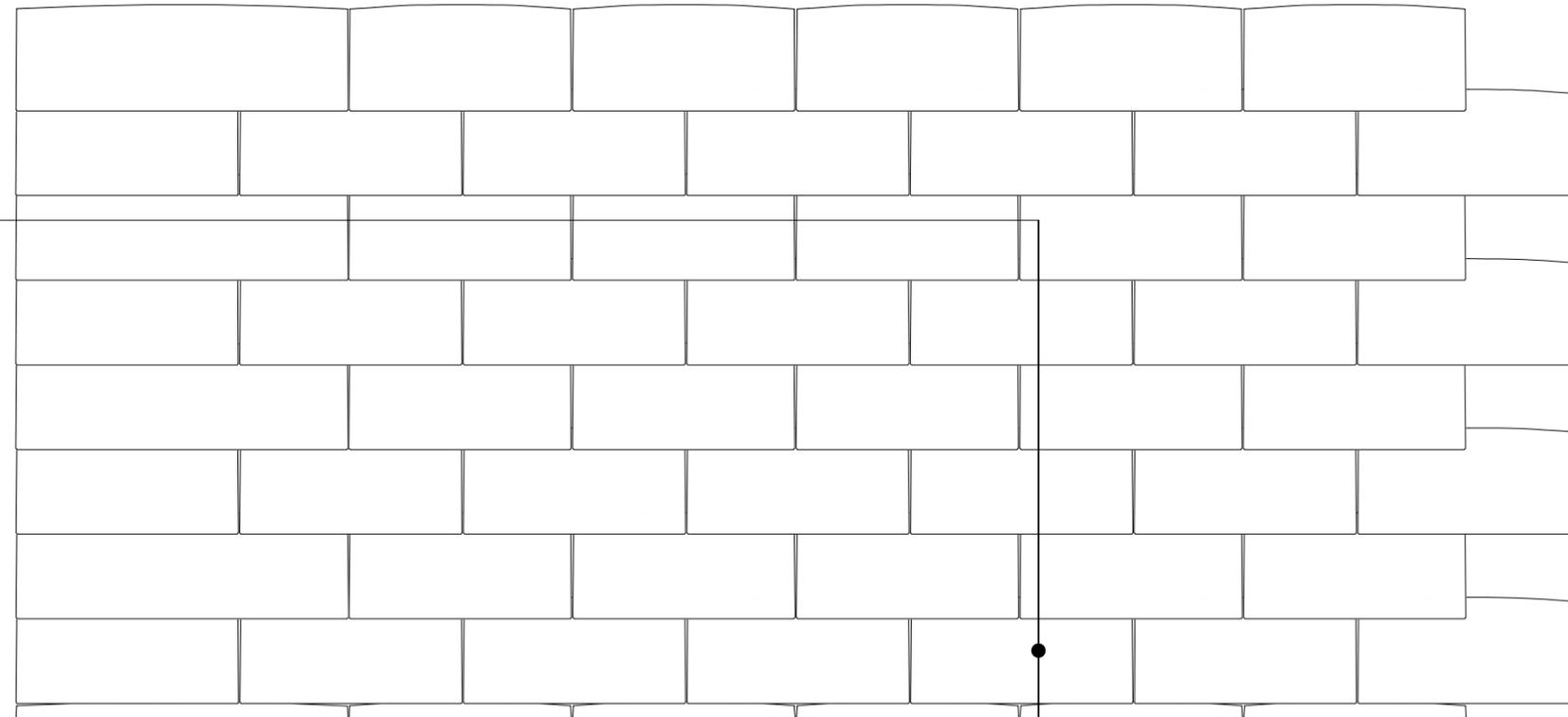
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PRELIMINARY

NON-HABITABLE ROOF VOID

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

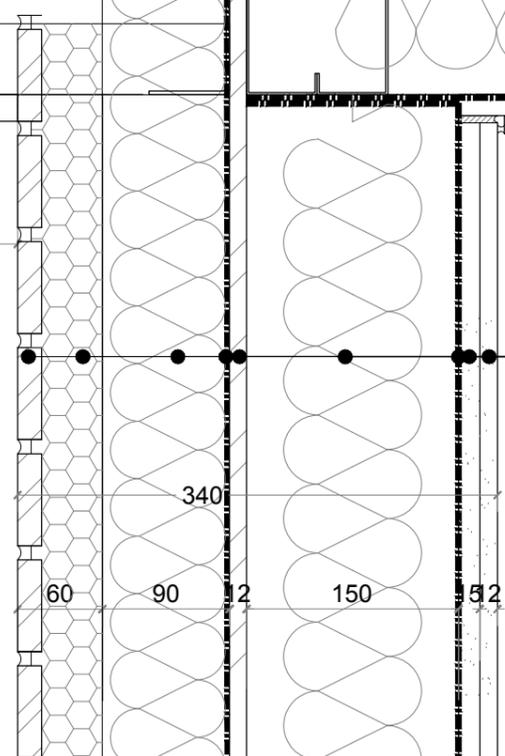
- CLAY ROOF TILES ON 25x38mm TREATED SW BATTEN
- BREATHER MEMBRANE
- 50mm COUNTER BATTEN
- 150mm LIGHT STEEL FRAME SYSTEM WITH 2 LAYERS OF 120mm ECOTHERM ECO-VERSAL INSULATION IN BETWEEN
- VCL
- 15mm FIRELINE PLASTERBOARD.
- 12.5mm PLASTERBOARD
- ALL JOINTS TO BE TAPED AND SEALED



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

340

60

90

12

150

52

12

150

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 1:5

Drawn by Drawing Date Approved by

AM NOV 2016 DW

Project No. Drawing No. Revision

1485 D06B-38 -

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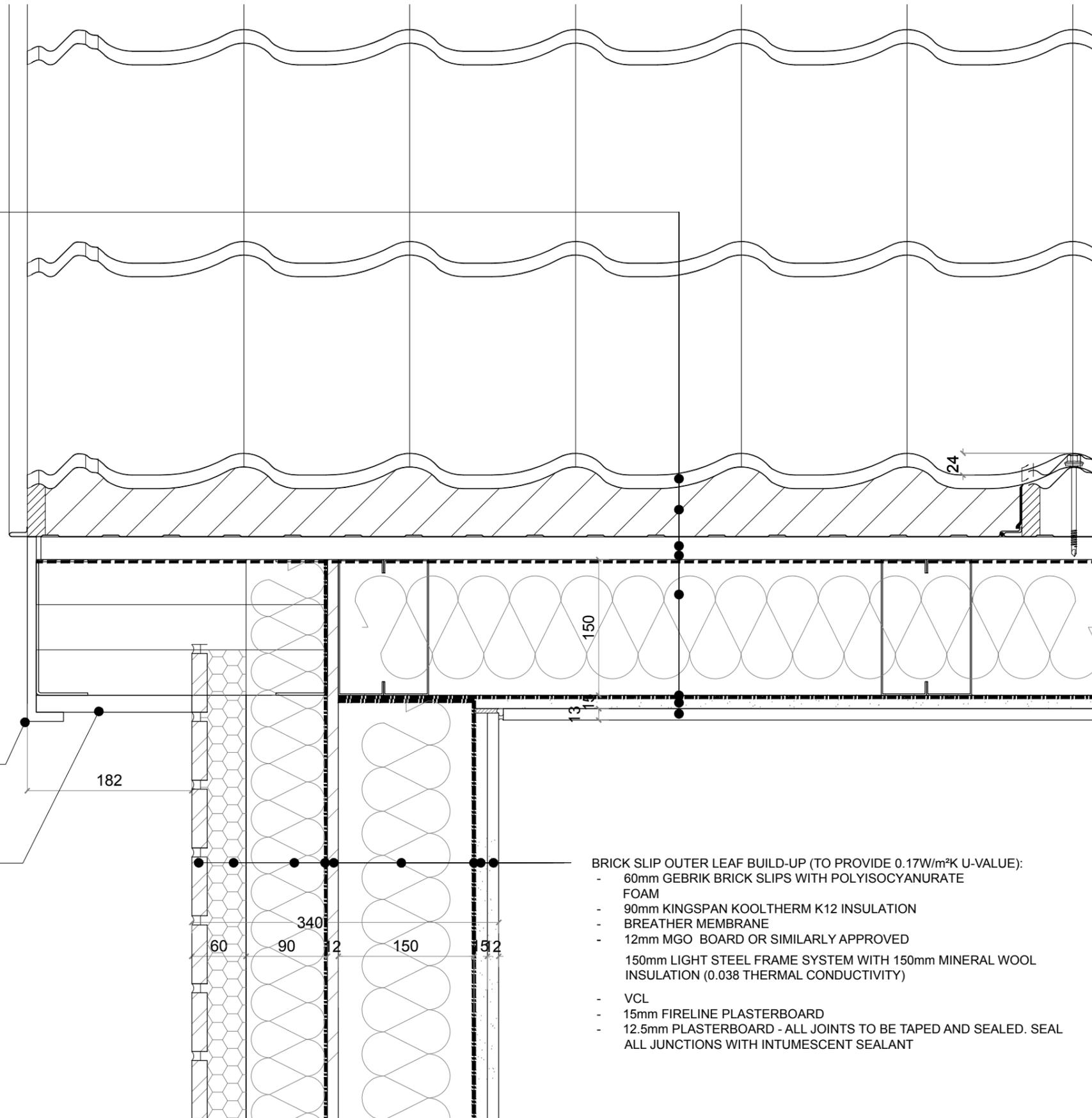
PERFECT COMMERCIAL AND RESIDENTIAL STEEL SECTIONS

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PRELIMINARY

NON-HABITABLE ROOF VOID

- JI PERMAPAN 1100 PIR INSULATED PANELS (TO PROVIDE 0.13W/m²K 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



PVC FASCIA BOARD

182

PROPRIETARY 19mm SOFFIT BOARD

60

90

340

12

150

52

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

- 60mm GEBRIK BRICK SLIPS WITH POLYISOCYANURATE FOAM
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- 12mm MGO BOARD OR SIMILARLY APPROVED
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- VCL
- 15mm FIRELINE PLASTERBOARD
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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 03	A3	1:5
Drawn by	Drawing Date	Approved by
AM	NOV 2016	DW
Project No.	Drawing No.	Revision
1485	D06B-43	-

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PRELIMINARY