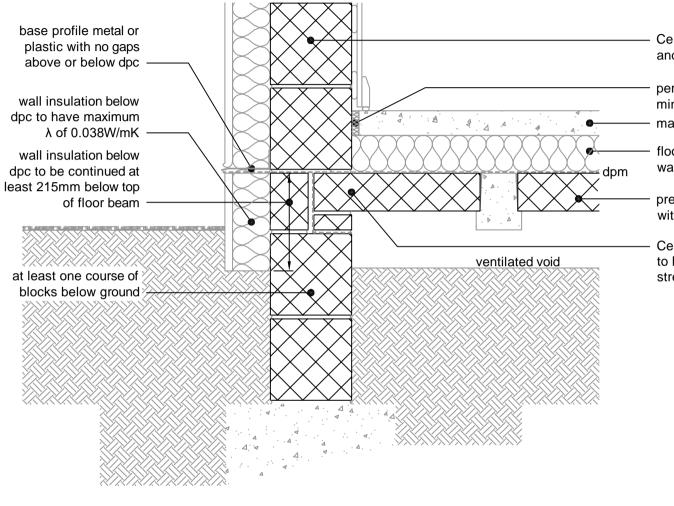
Detail Ref.	Detail Title
HH-SW-01	Solid External Masonry Wall, Externally Insulated - Suspended Beam And Block Floor, Insulation Above Slab
HH-SW-02	Solid External Masonry Wall, Externally Insulated - Suspended In-Situ Concrete Floor, Insulation Below Slab
HH-SW-03	Solid External Masonry Wall, Externally Insulated - Concrete Ground Bearing Floor, Insulation Below Slab
HH-SW-04	Solid External Masonry Wall, Externally Insulated - Solid Wall Lintel
HH-SW-05	Solid External Masonry Wall, Externally Insulated - Sill
HH-SW-06	Solid External Masonry Wall, Externally Insulated - Jamb
HH-SW-07	Solid External Masonry Wall, Externally Insulated - Intermediate Timber Floor Within A Dwelling
HH-SW-08	Solid External Masonry Wall, Externally Insulated - Precast Concrete Separating Floor Between Dwellings
HH-SW-09	Solid External Masonry Wall, Externally Insulated - Pitched Roof, Gable, Insulation At Ceiling Level, Ventilated Loft
HH-SW-10	Solid External Masonry Wall, Externally Insulated - Pitched Roof, Gable, Insulation At Rafter Level, Unventilated Rafter Void
HH-SW-11	Solid External Masonry Wall, Externally Insulated - Pitched Roof, Eaves, Insulation At Ceiling Level, Ventilated Loft
HH-SW-12	Solid External Masonry Wall, Externally Insulated - Pitched Roof, Eaves, Insulation At Rafter Level, Unventilated Rafter Void
HH-SW-13	Solid External Masonry Wall, Externally Insulated - Normal Corner
HH-SW-14	Solid External Masonry Wall, Externally Insulated - Inverted Corner
HH-SW-15	Solid External Masonry Wall, Externally Insulated - Party Wall Between Dwellings

В	08/2023	REFERENCES TO CONSTRUCTIVE AND REGISTERED CONSTRUCT- ION DETAILS REMOVED. INSULATION REVISED FOR HH-SW-09	SJB
А	11/2015	LABC NOTE ADDED.	SJB
REV.	DATE.	DESCRIPTION.	BY.



Standard Junction Details (solid wall with external insulation)

DWG No. INDEX					
DRAWN BY SJB		CHECKE	BY	AHR	
Nov 2013	SCAL N	E .T.S.	REV	.NO. B	



Celcon blocks above and below dpc

perimeter insulation to provide minimum resistance of 0.8m2K/W max, screed thickness 75mm

floor insulation to tightly abut wall blockwork

precast beam and block floor with Celcon Standard infill blocks

Celcon infill blocks built into walls to have the same compressive strength as wall blocks

В	08/2023	REFERENCES TO CONSTRUCTIVE AND REGISTERED CONSTRUCTION DETAILS REMOVED	SJB
Α	11/2015	LABC NOTE ADDED.	SJB
REV.	DATE.	DESCRIPTION.	BY.

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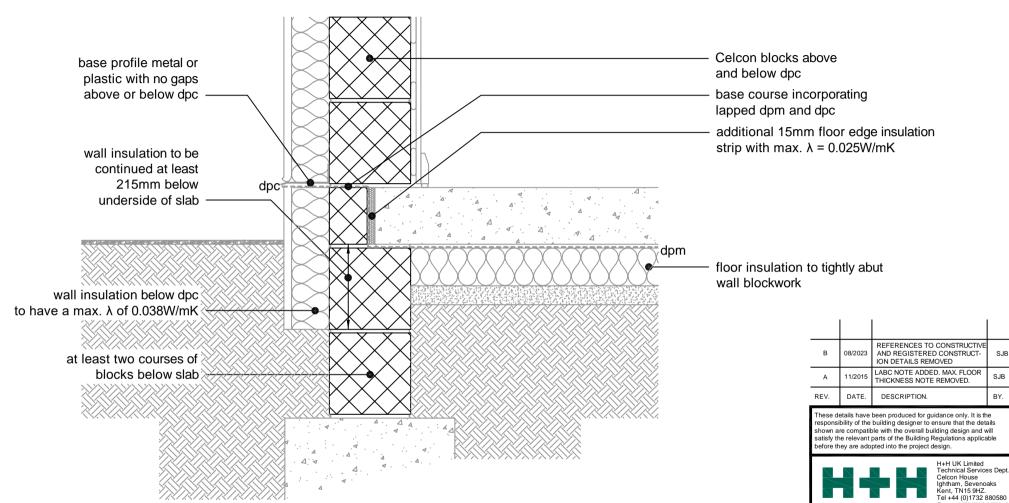
AHR

TITLE Solid External Masonry Wall, Externally Insulated - Suspended Beam And Block Floor, Insulation Above Slab

DWG No. HH-SW-01 DRAWN BY CHECKED BY SJB

DATE Nov 2013

SCALE 1:100 @ A4



This junction detail has been assessed by H+H UK Ltd. for thermal performance based on various Celcon blocks and insulation combinations. Applicable Ψ-values and minimum temperature factors compatible with the latest Building Regulations can be found in our 'H+H Calculated Ψ-values' document, available to download from our website www.hhcelcon.co.uk.

В	08/2023	REFERENCES TO CONSTRUCTIVE AND REGISTERED CONSTRUCT- ION DETAILS REMOVED	SJB
А	11/2015	LABC NOTE ADDED. MAX. FLOOR THICKNESS NOTE REMOVED.	SJB
REV.	DATE.	DESCRIPTION.	BY.



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TITLE Solid External Masonry Wall, Externally Insulated - Suspended In-Situ Concrete Floor, Insulation Below Slab

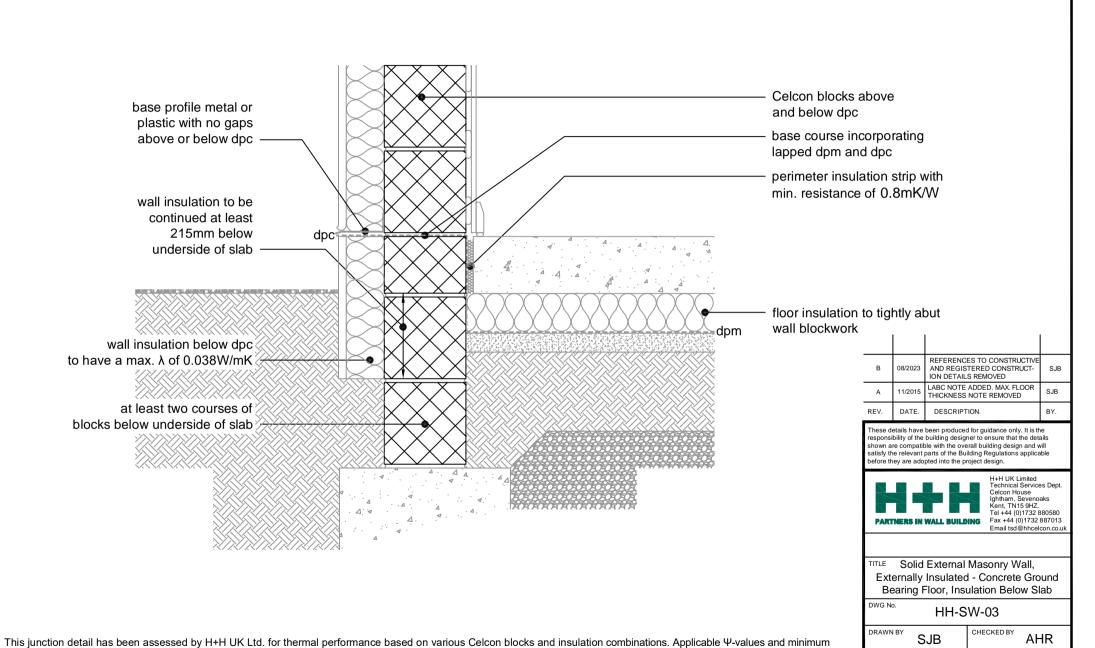
DWG No. HH-SW-02 DRAWN BY

SJB

CHECKED BY **AHR**

DATE Nov 2014

SCALE 1:100 @ A4



DATE

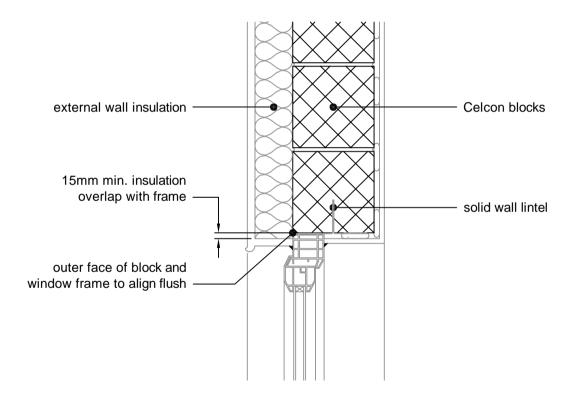
Nov 2013

SCALE

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temperature factors compatible with the latest Building Regulations can be found in our 'H+H Calculated Ψ-values' document, available to download from our website

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В	08/2023	REFERENCES TO CONSTRUCTIVE AND REGISTERED CONSTRUCT- ION DETAILS REMOVED	SJB
Α	11/2015	LABC NOTE ADDED.	SJB
REV.	DATE.	DESCRIPTION.	BY.

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Solid External Masonry Wall,
Externally Insulated - Solid Wall Lintel

DWG No. HH-SW-04

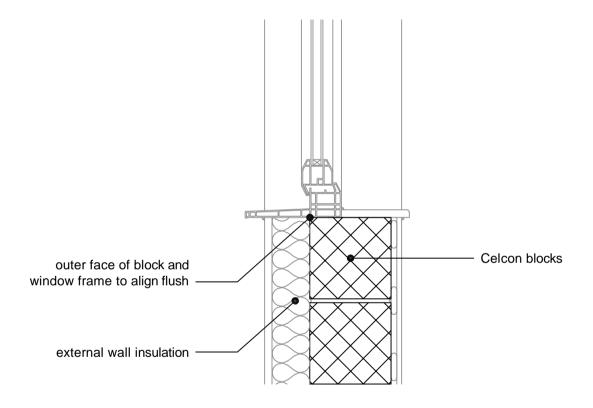
DRAWN BY SJB

CHECKED BY AHR

Nov 2013

SCALE 1:100 @ A4

REV.NO.



	В	08/2023	REFERENCES TO CONSTRUCTIVE AND REGISTERED CONSTRUCT- ION DETAILS REMOVED	SJB
	Α	11/2015	LABC NOTE ADDED.	SJB
	REV.	DATE.	DESCRIPTION.	BY.
- 1				



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TITLE

Solid External Masonry Wall, Externally Insulated - Sill

DWG No.

HH-SW-05

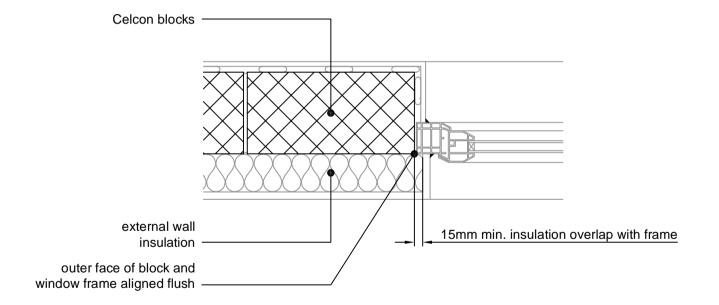
DRAWN BY SJB

CHECKED BY AHR

Nov 2013

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A4 REV.NO. B



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В	08/2023	REFERENCES TO CONSTRUCTIVE AND REGISTERED CONSTRUCT- ION DETAILS REMOVED	SJB
Α	11/2015	LABC NOTE ADDED.	SJB
REV.	DATE.	DESCRIPTION.	BY.

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Technical Services Dept.
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TITL

Solid External Masonry Wall, Externally Insulated - Jamb

DWG No.

HH-SW-06

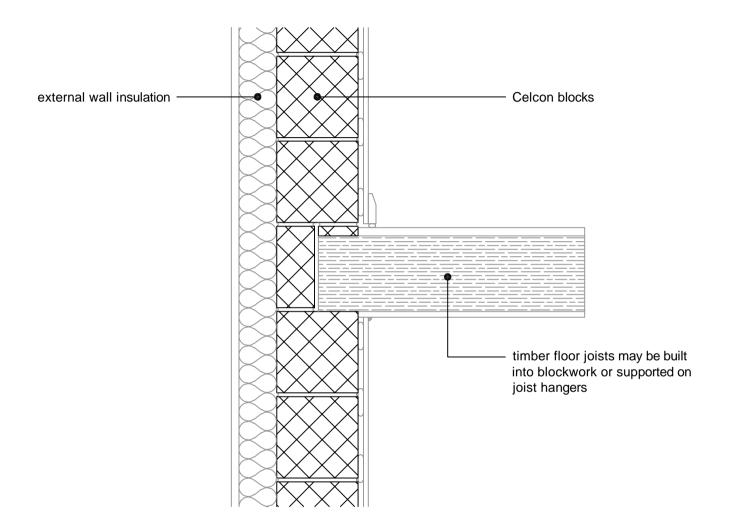
DRAWN BY SJB

CHECKED BY AHR

Nov 2013

SCALE 1:100 @ A4

REV.NO.



В	08/2023	REFERENCES TO CONSTRUCTIVE AND REGISTERED CONSTRUCTION DETAILS REMOVED	SJB
А	11/2015	LABC NOTE ADDED.	SJB
REV.	DATE.	DESCRIPTION.	BY.



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TITLE Solid External Masonry Wall, Externally Insulated - Intermediate Timber Floor Within A Dwelling

DWG No.

HH-SW-07

DRAWN BY

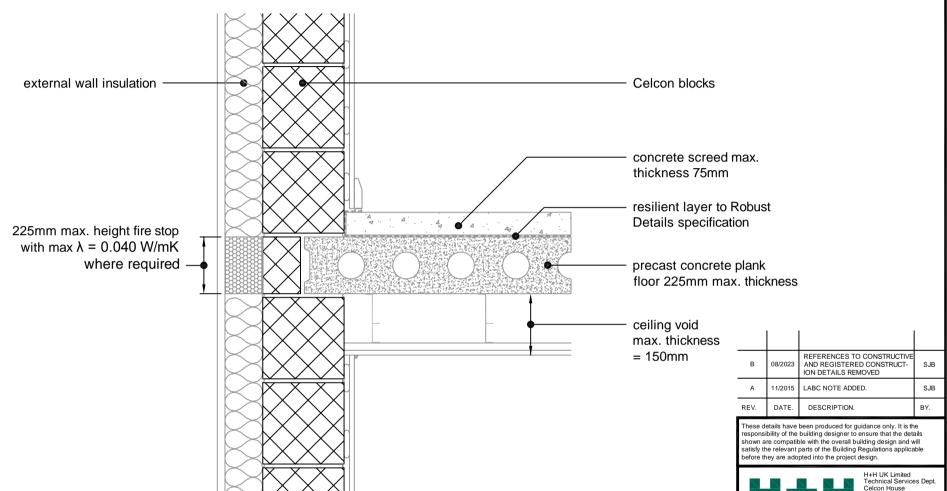
CHECKED BY AHR

Nov 2013

SCALE 1:100 @ A4

SJB

REV.NO.



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ITLE Solid External Masonry Wall,
Externally Insulated - Precast Concrete
Separating Floor Between Dwellings

DWG No. HH-SW-08

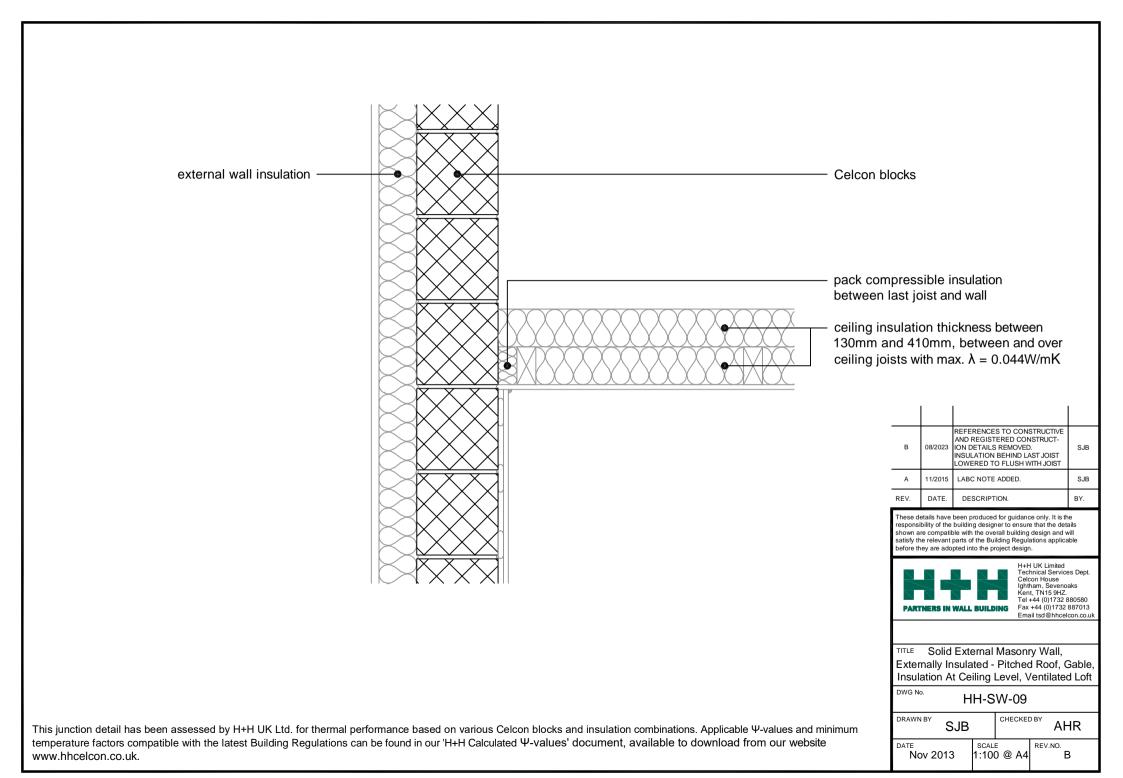
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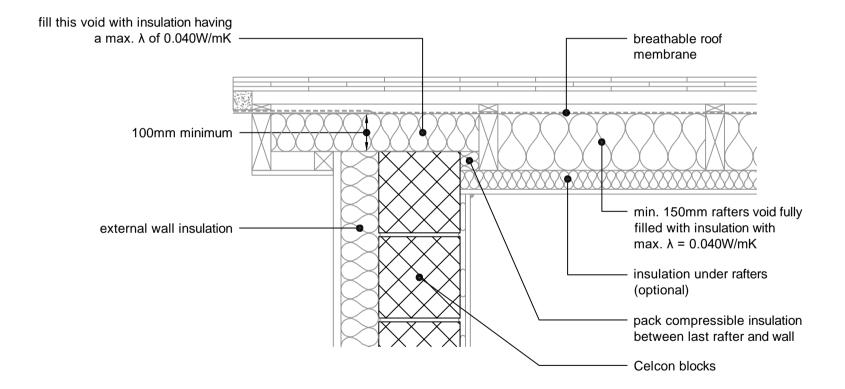
CHECKED BY AHR

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В	08/2023	REFERENCES TO CONSTRUCTIVE AND REGISTERED CONSTRUCT- ION DETAILS REMOVED	SJB
Α	11/2015	LABC NOTE ADDED.	SJB
REV.	DATE.	DESCRIPTION.	BY.



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Solid External Masonry Wall, Externally Insulated - Pitched Roof, Gable, Insulation At Rafter Level, Unventilated Rafter Void

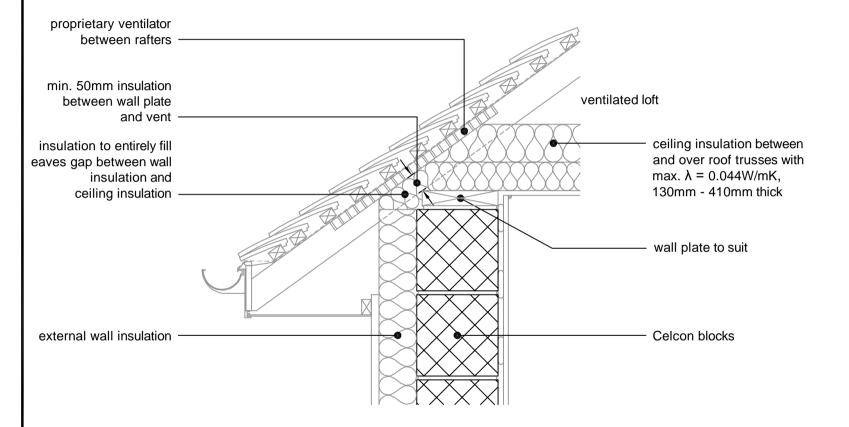
DWG No.

HH-SW-10

DRAWN BY SJB CHECKED BY **AHR**

DATE

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В	08/2023	REFERENCES TO CONSTRUCTIVE AND REGISTERED CONSTRUCT- ION DETAILS REMOVED	SJB
Α	11/2015	LABC NOTE ADDED.	SJB
REV.	DATE.	DESCRIPTION.	BY.



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Solid External Masonry Wall, Externally Insulated - Pitched Roof, Eaves, Insulation At Ceiling Level, Ventilated Loft

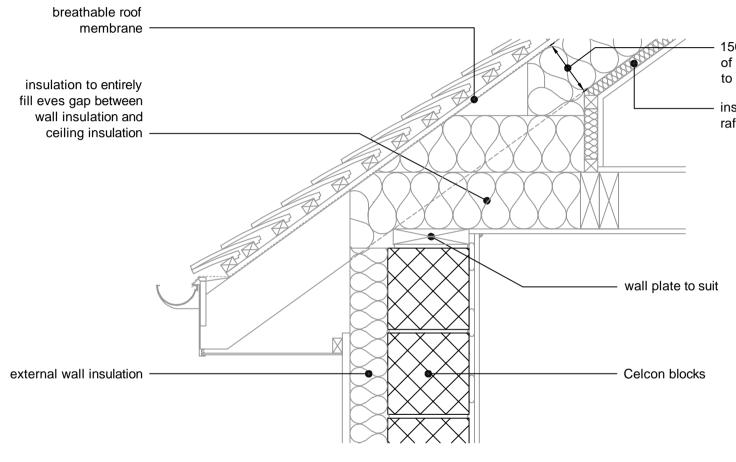
DWG No. HH-SW-11 DRAWN BY CHECKED BY

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SCALE Nov 2013 1:100 @ A4



150mm min. rafters with insulation of max. $\lambda = 0.040$ W/mK between, to sloping ceiling section

insulation under rafters (optional)

В	08/2023	REFERENCES TO CONSTRUCTIVE AND REGISTERED CONSTRUCT- ION DETAILS REMOVED	SJB
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ITLE Solid External Masonry Wall,
Externally Insulated - Pitched Roof, Eaves, Insulation
At Rafter Level, Unventilated Rafter Void

DWG No.

HH-SW-12

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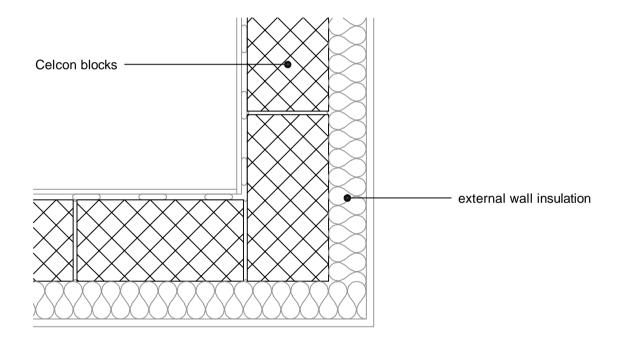
CHECKED BY AHR

Nov 2013

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REV.NO.



В	08/2023	REFERENCES TO CONSTRUCTIVE AND REGISTERED CONSTRUCT- ION DETAILS REMOVED	SJB
Α	11/2015	LABC NOTE ADDED.	SJB
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TITLE

Solid External Masonry Wall, Externally Insulated - Normal Corner

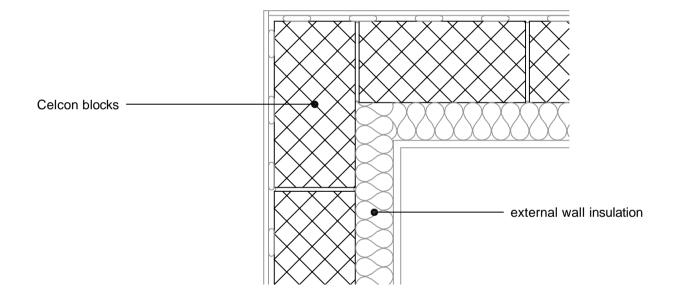
DWG No.

HH-SW-13

DRAWN BY SJB CHECKED BY **AHR**

DATE

SCALE 1:100 @ A4 Nov 2013



В	08/2023	REFERENCES TO CONSTRUCTIVE AND REGISTERED CONSTRUCT- ION DETAILS REMOVED	SJB
Α	11/2015	LABC NOTE ADDED.	SJB
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TITLE

Solid External Masonry Wall,
Externally Insulated - Inverted Corner

DWG No.

HH-SW-14

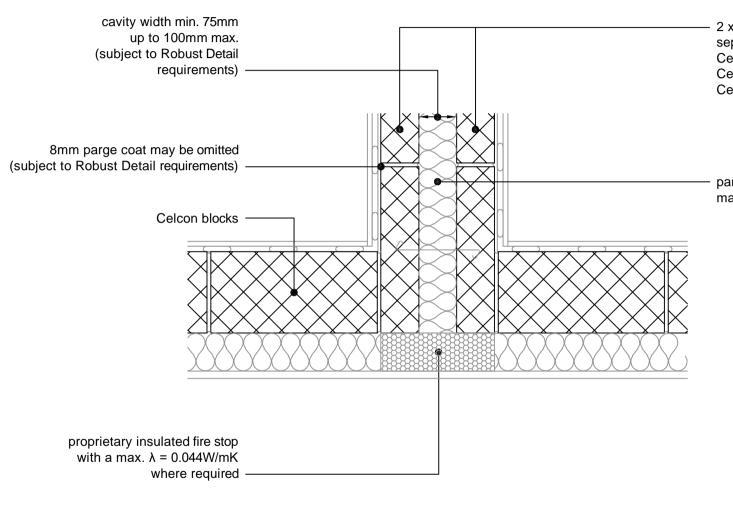
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Nov 2013

SCALE 1:100 @ A4

REV.NO.



2 x 100mm min. leaves to separating walls: Celcon Standard (3.6N/mm²) Celcon High Strength (7.3N/mm³) Celcon Super Strength (8.7N/mm²)

party wall insulation with max. $\lambda = 0.044$ W/mK

В	08/2023	REFERENCES TO CONSTRUCTIVE AND REGISTERED CONSTRUCT- ION DETAILS REMOVED	SJB
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TITLE Solid External Masonry Wall, Externally Insulated - Party Wall Between **Dwellings**

DWG No.

HH-SW-15

DRAWN BY SJB CHECKED BY **AHR**

DATE

SCALE Nov 2013 1:100 @ A4