

Wetherby Building Systems

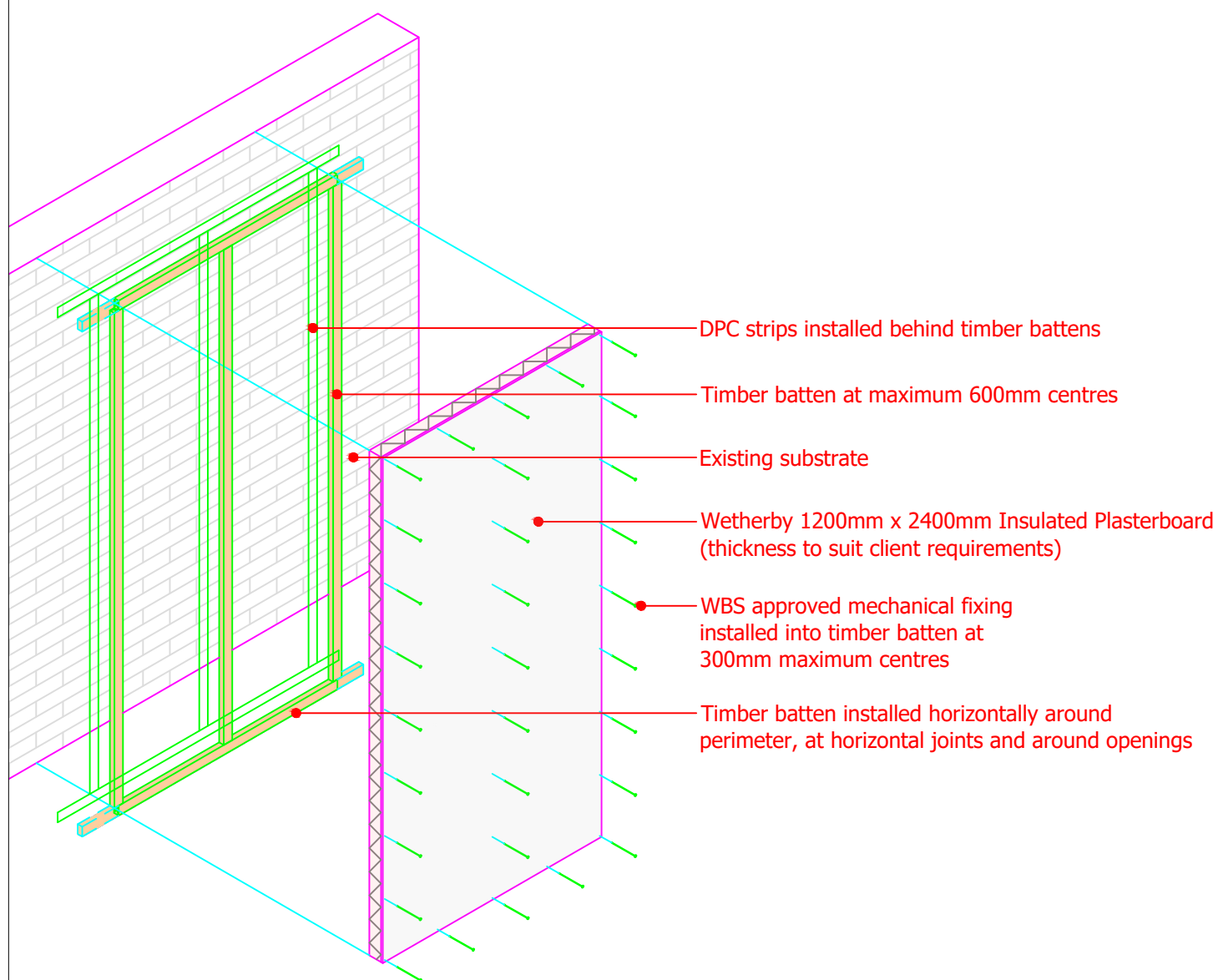
Internal Wall Insulation Detail Drawings (Timber Batten Application)



The following Wetherby IWI details illustrate good practice for the design and construction of interfaces only in respect to ensuring thermal performance and air barrier continuity.

Wetherby Building Systems Ltd reserves the right to amend product specifications and thicknesses without prior notice. The information, technical details and fixing instructions etc. included in this document are given in good faith and apply to uses described.

Recommendations for use should be verified for suitability and compliance with actual requirements, specifications and any applicable laws and regulations.



drawing description.
Isometric - System Build Up Detail

drawing no.
TB-IWI-01

project name.
Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

dwg set. 10

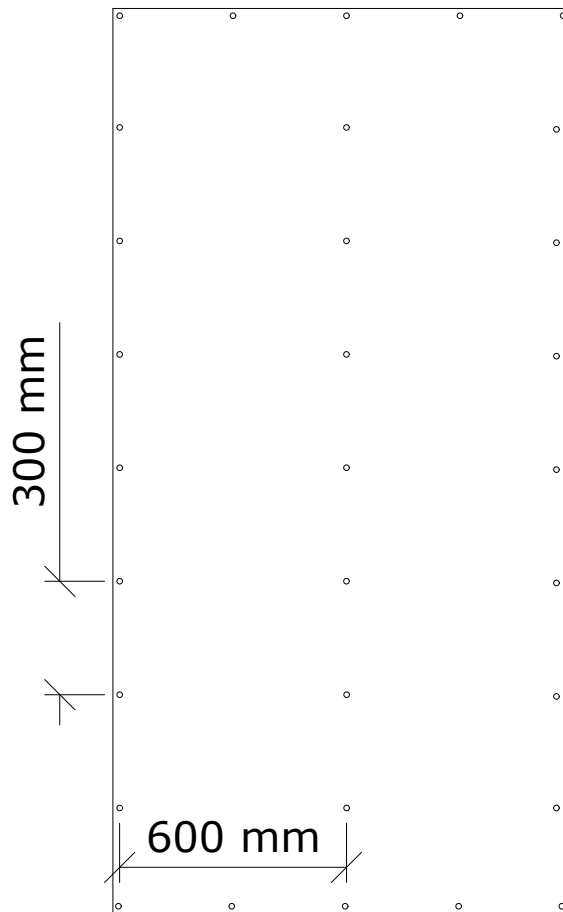
Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
 Golborne, Greater Manchester, WA3 3GS
 Tel: 01942 717100 Fax: 01942 717101
 Web: www.wbs-ltd.co.uk
 E-mail: technical@wbs-ltd.co.uk
 © WBS-LTD 1998-2020. All rights reserved

WETHERBY INSULATED PLASTERBOARD

FIXING THE BOARD

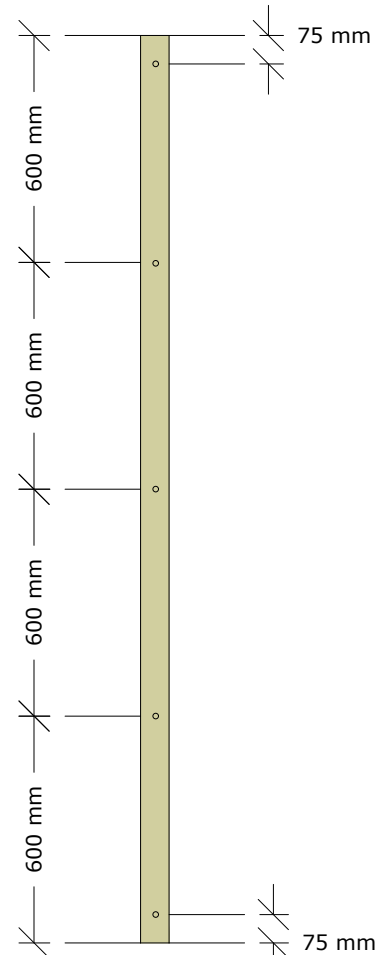


This is based upon the board installed vertically onto battens fixed at 600 mm centres with horizontal batten at bottom and head of wall. Illustration using dry wall screws.

Type of fixing - Zinc electroplated or black phosphate oiled steel self drilling and tapping drywall screws having trumpet countersunk and cross punch heads. Thread diameter nominally 3.5 mm to 5 mm.

If using plasterboard nails the fixing centres should be reduced to 150 mm

FIXING THE BATTEN



Fixing should be made at approximately 75 mm from the ends of each timber batten and positioned no more than 600 mm centres apart. For example, a 2.4 m batten would equate to a minimum of 5 fixings as illustrated above.

Type of fixing - countersunk wood screws and universal wall plugs or all in one hammer fixings

When using metal framing systems, floor and ceiling tracks should be fixed 50 mm from the ends and fixings are to be positioned no more than 600 mm centres apart.

drawing description.
Fixing Arrangement

drawing no.
TB-IWI-02

project name.
Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

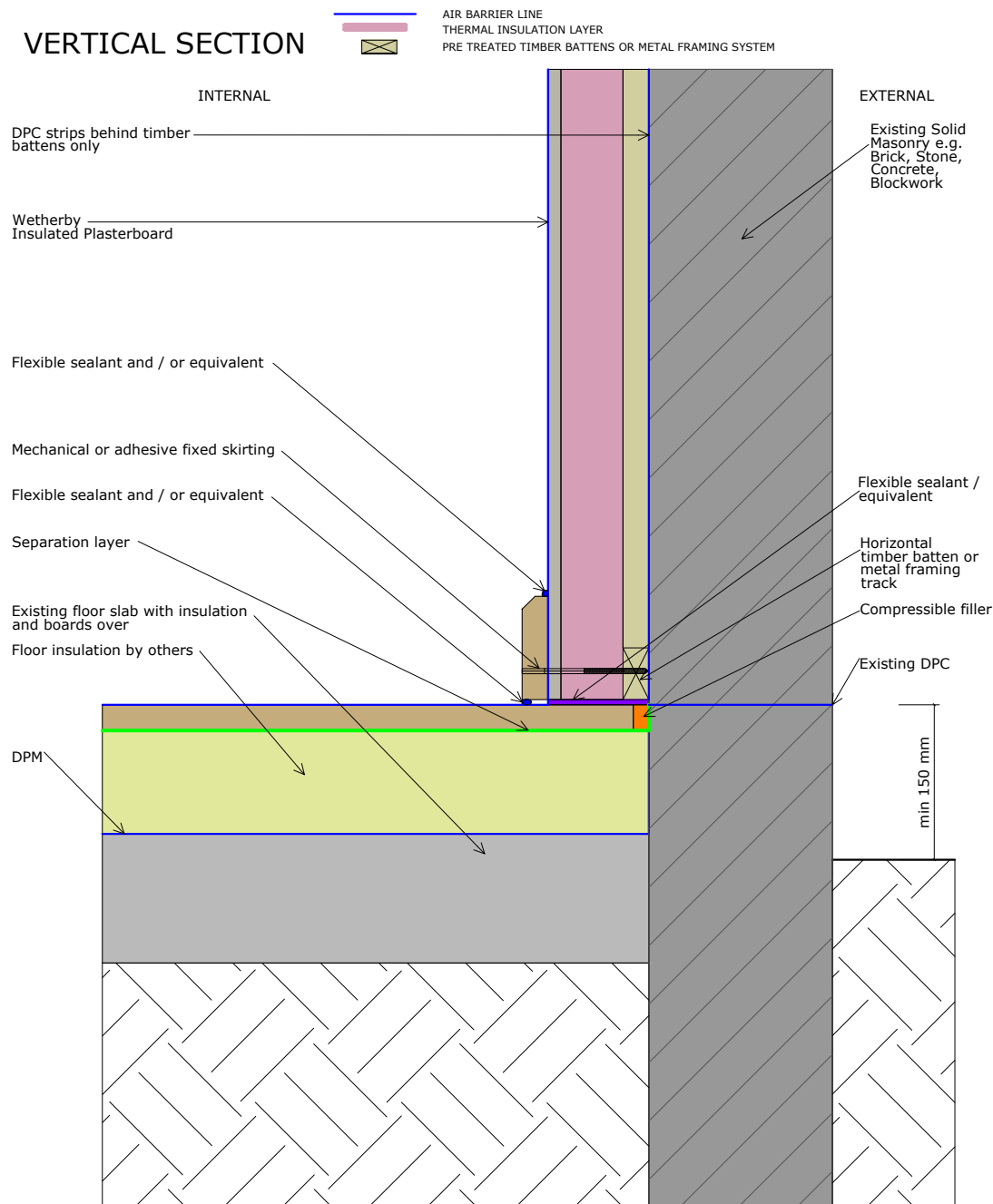
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

VERTICAL SECTION



drawing description.
Ground Floor Base Detail (1 of 5)

drawing no.
TB-IWI-03A

project name.
Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

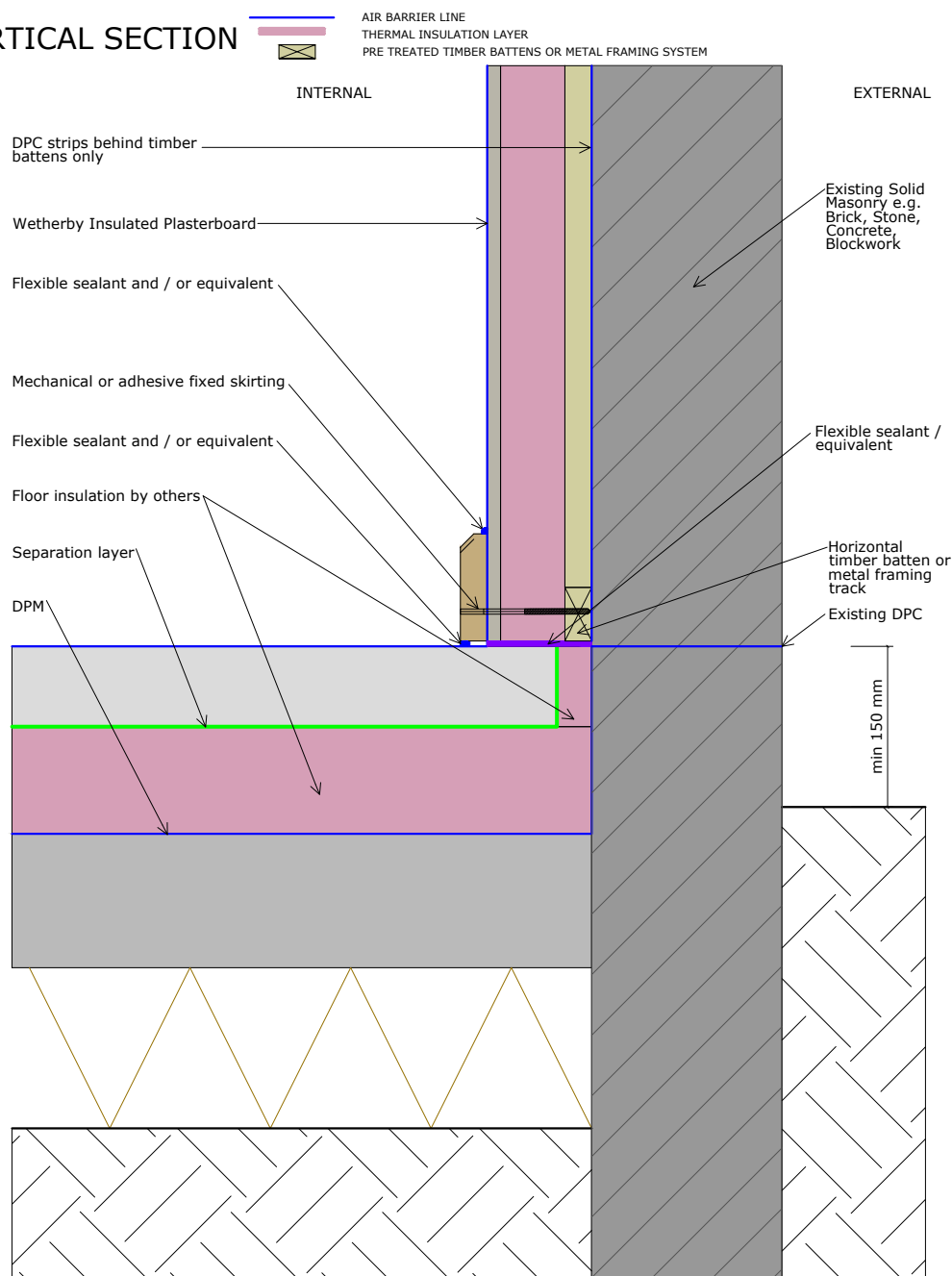
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

VERTICAL SECTION



drawing description.
Ground Floor Base Detail (2 of 5)

drawing no.
TB-IWI-03B

project name.
Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

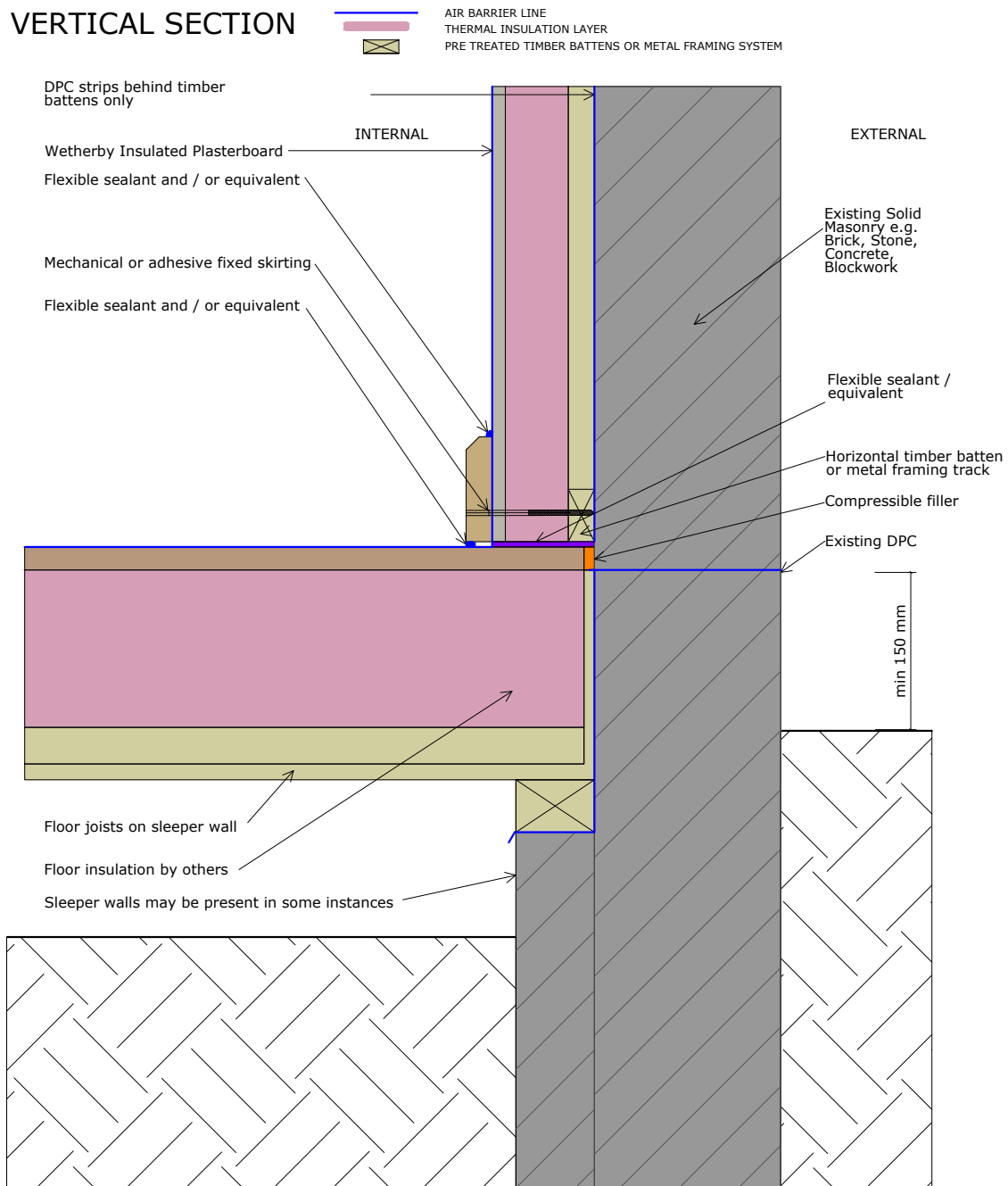
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

VERTICAL SECTION



drawing description.
Ground Floor Base Detail (3 of 5)

drawing no.
TB-IWI-03C

project name.
Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

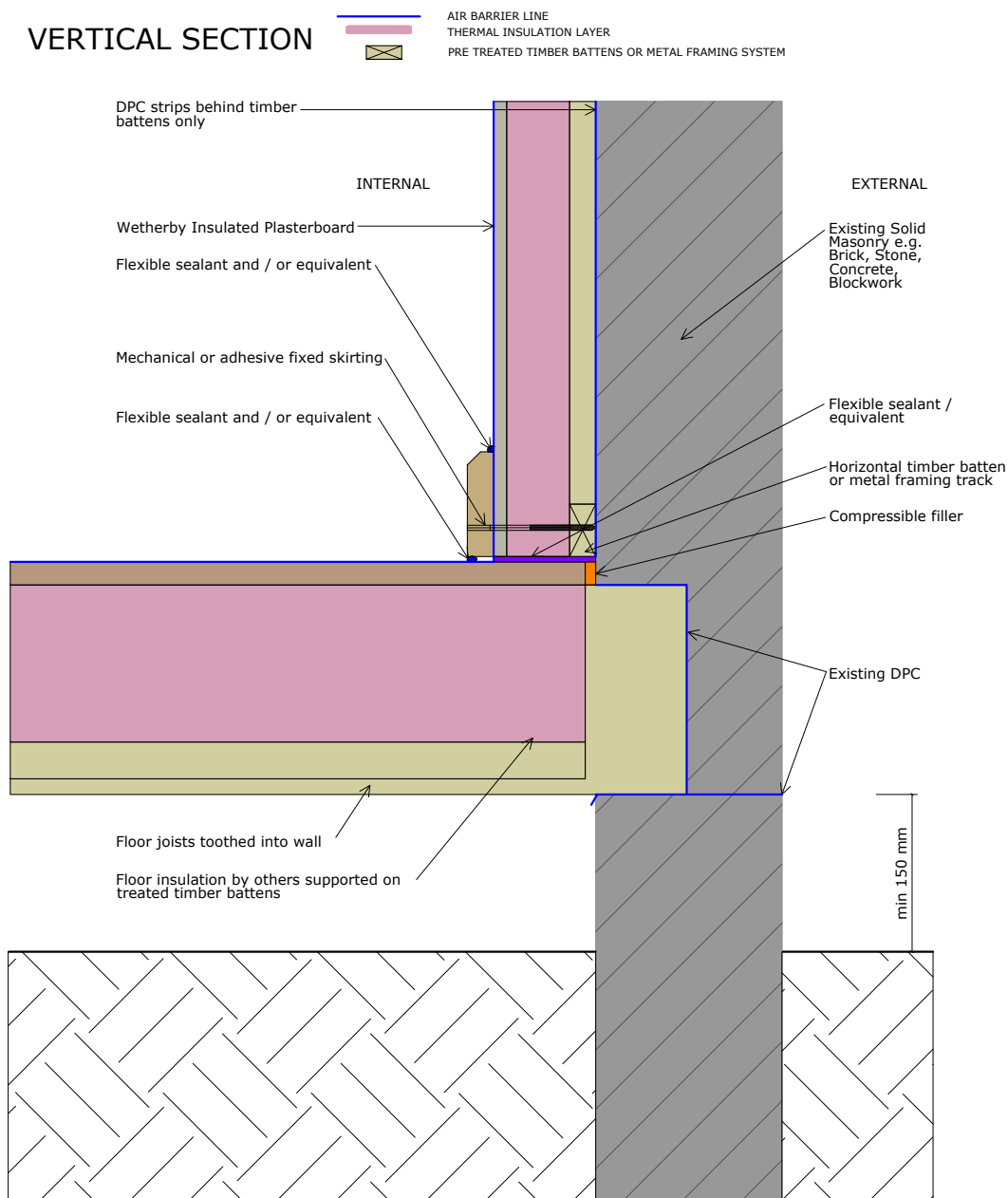
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

VERTICAL SECTION



drawing description.

Ground Floor Base Detail (4 of 5)

drawing no.

TB-IWI-03D

project name.

Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

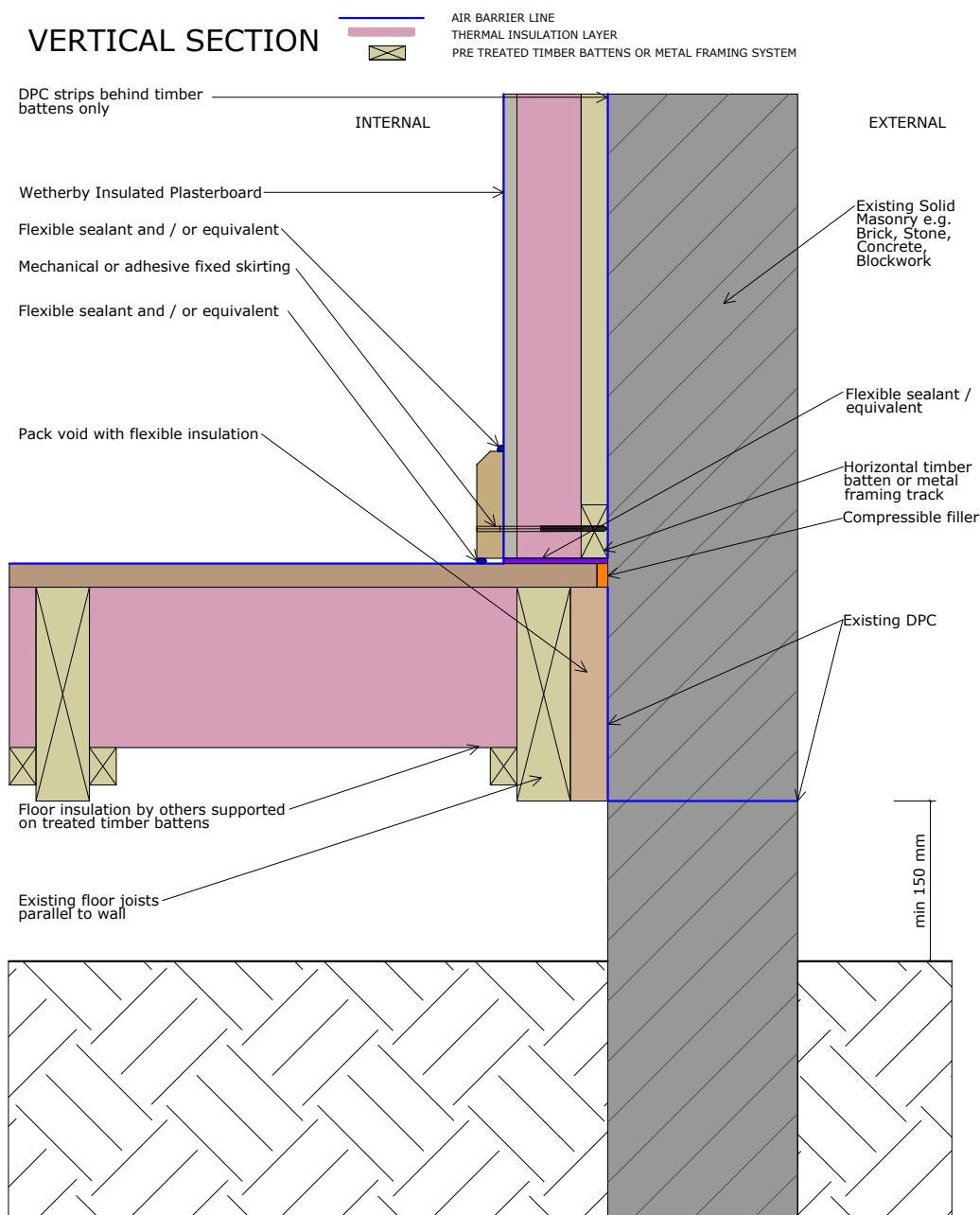
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

VERTICAL SECTION



drawing description.

Ground Floor Base Detail (5 of 5)

drawing no.

TB-IWI-03E

project name.

Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

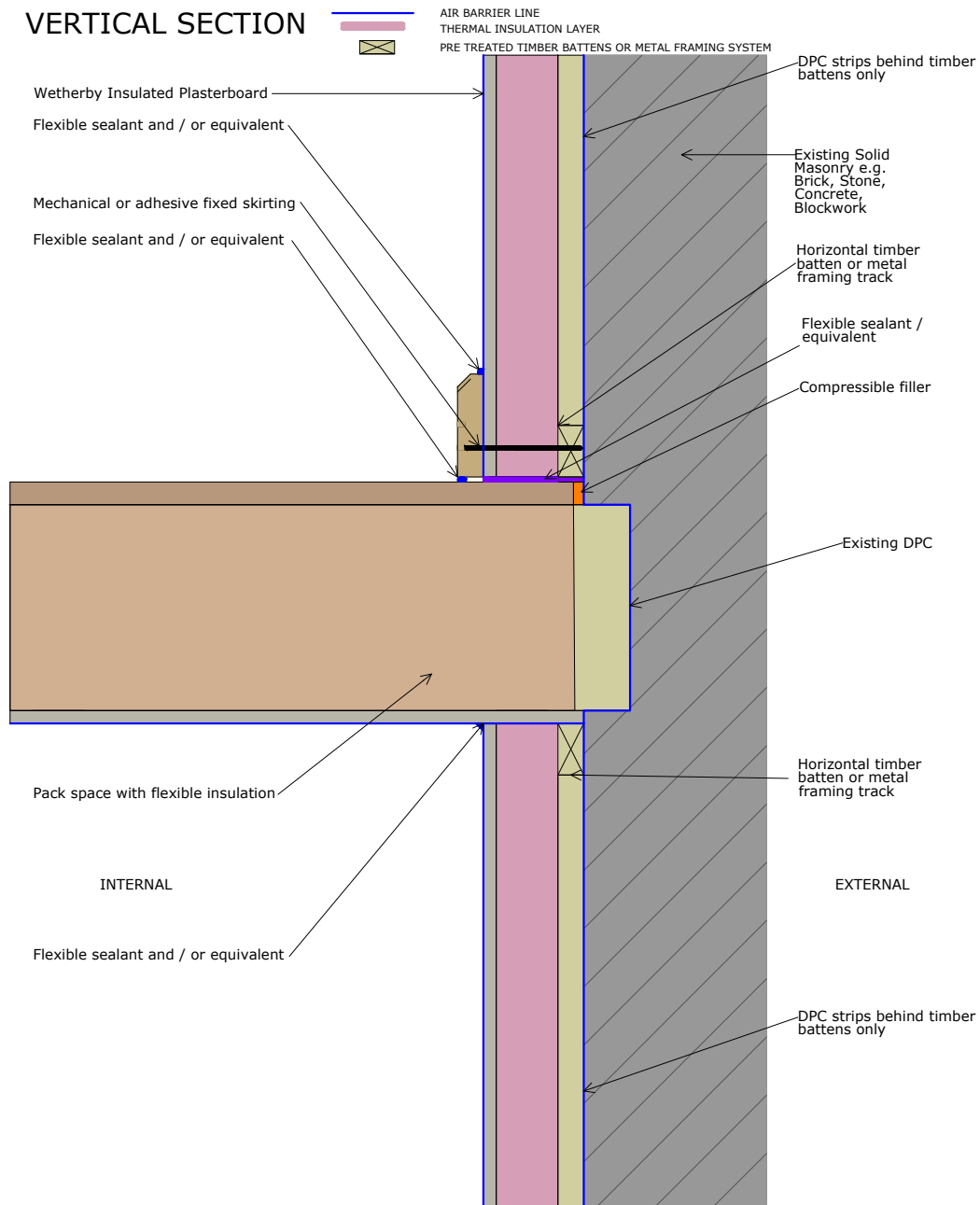
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

VERTICAL SECTION



drawing description.

Intermediate Floor Abutment Detail (1 of 4)

drawing no.

TB-IWI-04A

project name.

Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

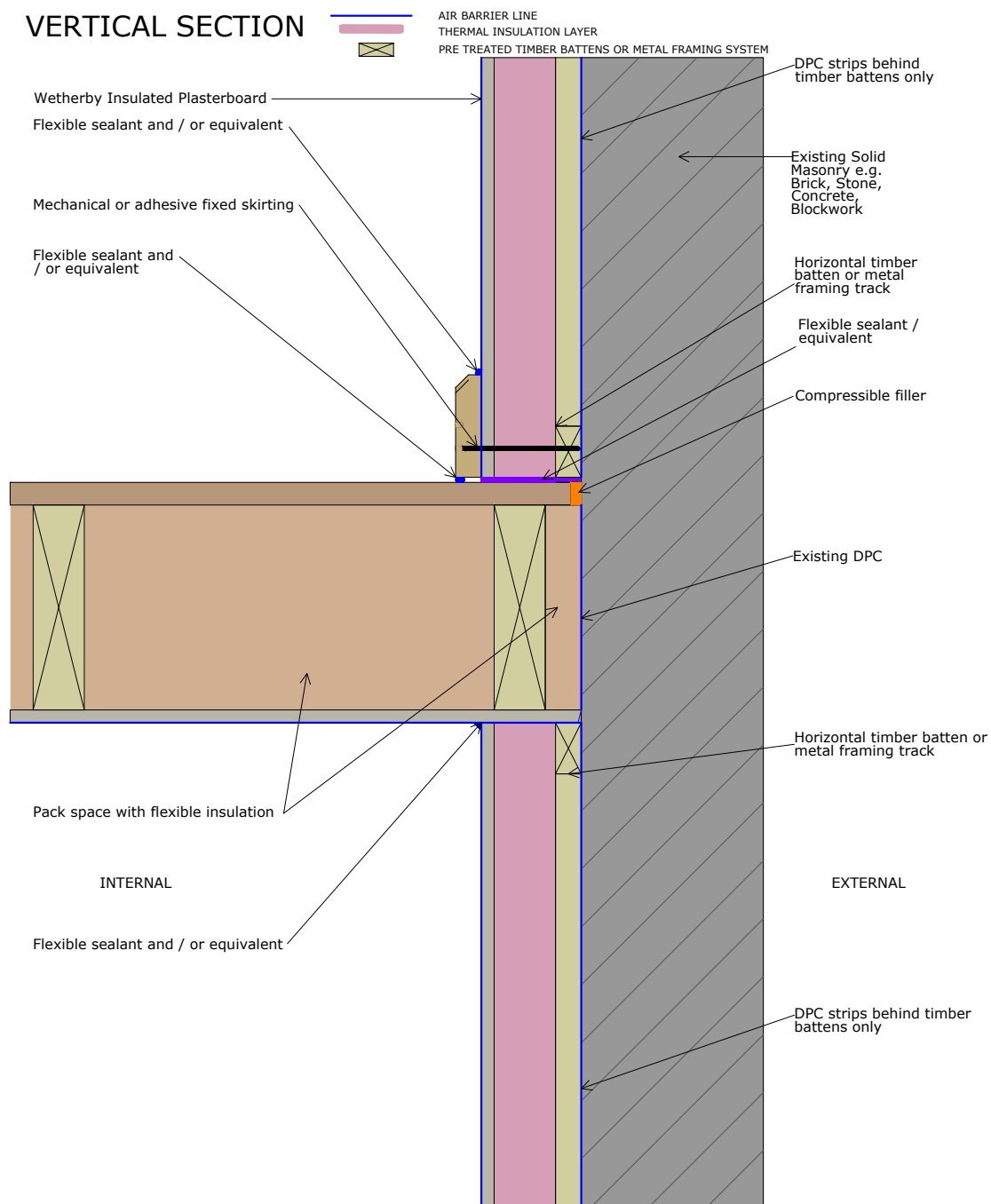
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

VERTICAL SECTION



drawing description.

Intermediate Floor Abutment Detail (2 of 4)

drawing no.

TB-IWI-04B

project name.

Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

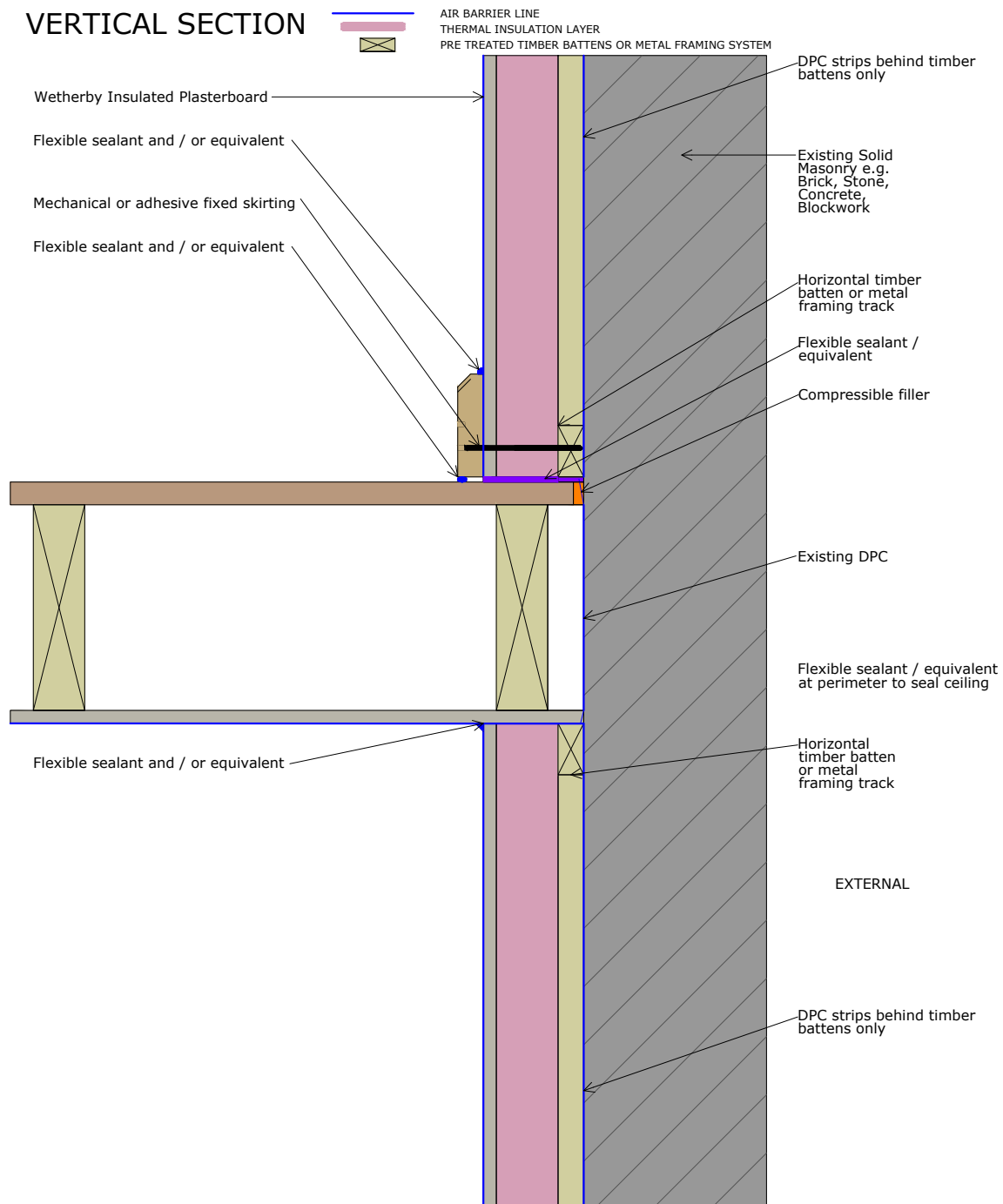
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

VERTICAL SECTION



N.B. Wetherby advise insulating all areas and reducing cold bridging wherever possible.

In areas where cold bridging occurs, there is an increased risk of interstitial condensation.

drawing description.

Intermediate Floor Abutment Detail (3 of 4)

drawing no.

TB-IWI-04C

project name.

Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

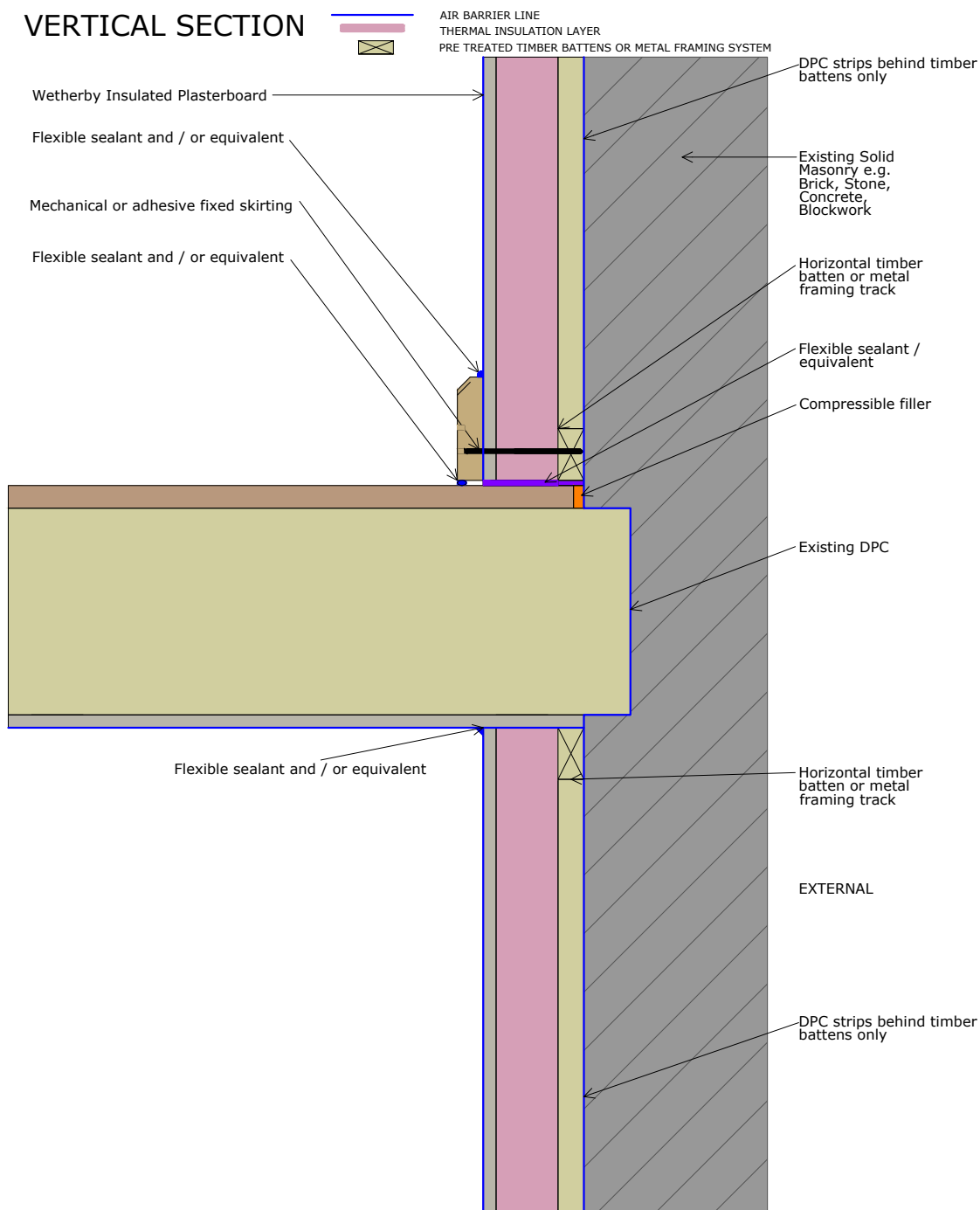
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

VERTICAL SECTION



N.B. Wetherby advise insulating all areas and reducing cold bridging wherever possible.

In areas where cold bridging occurs, there is an increased risk of interstitial condensation.

drawing description.

Intermediate Floor Abutment Detail (4 of 4)

drawing no.

TB-IWI-04D

project name.

Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

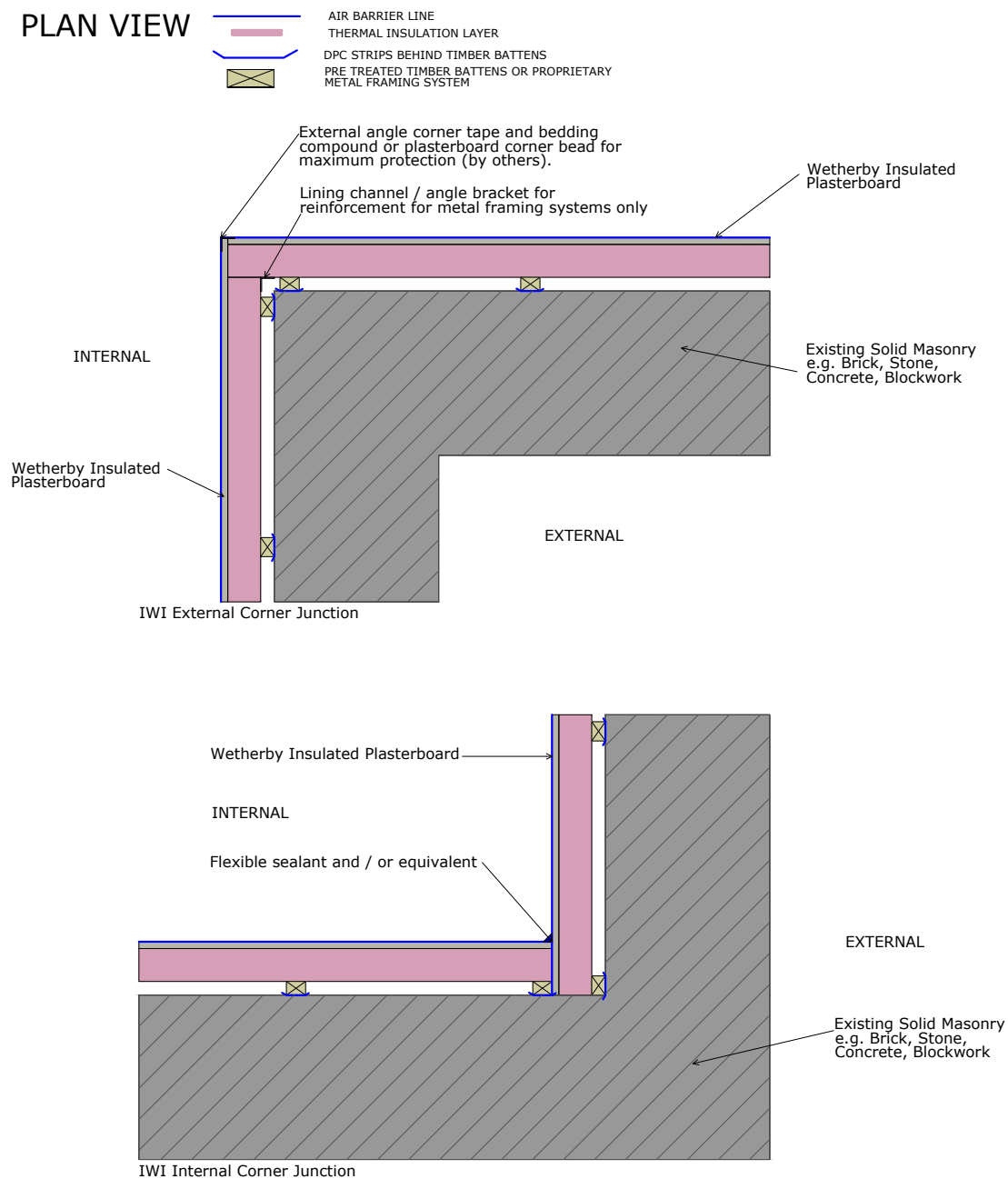
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

PLAN VIEW



drawing description.

Corner Junction Details

drawing no.

TB-IWI-05

project name.

Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

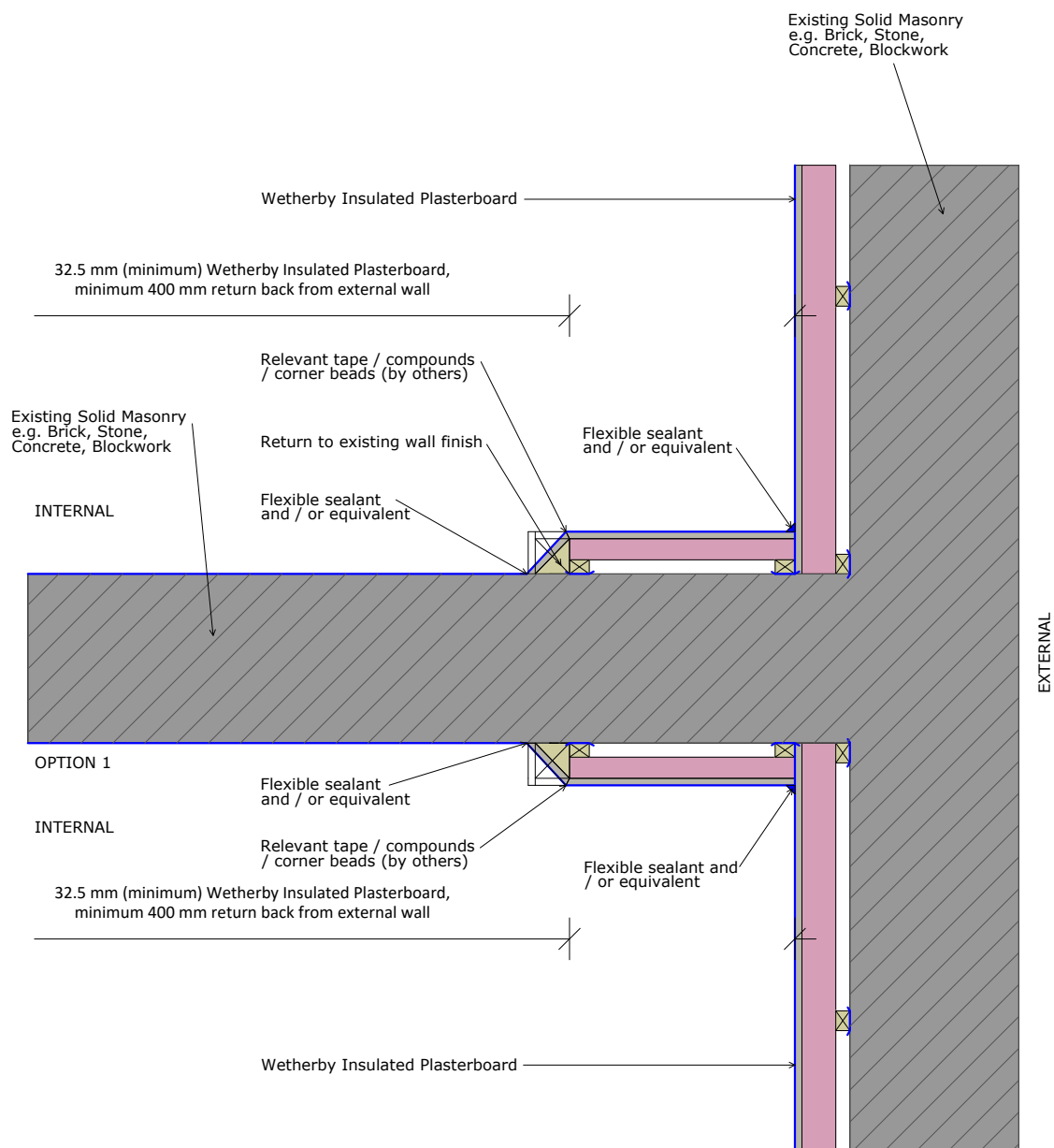
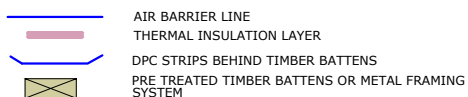
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

PLAN VIEW



drawing description.

Separating Wall Junction Detail (1 of 5)

drawing no.

TB-IWI-06A

project name.

Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

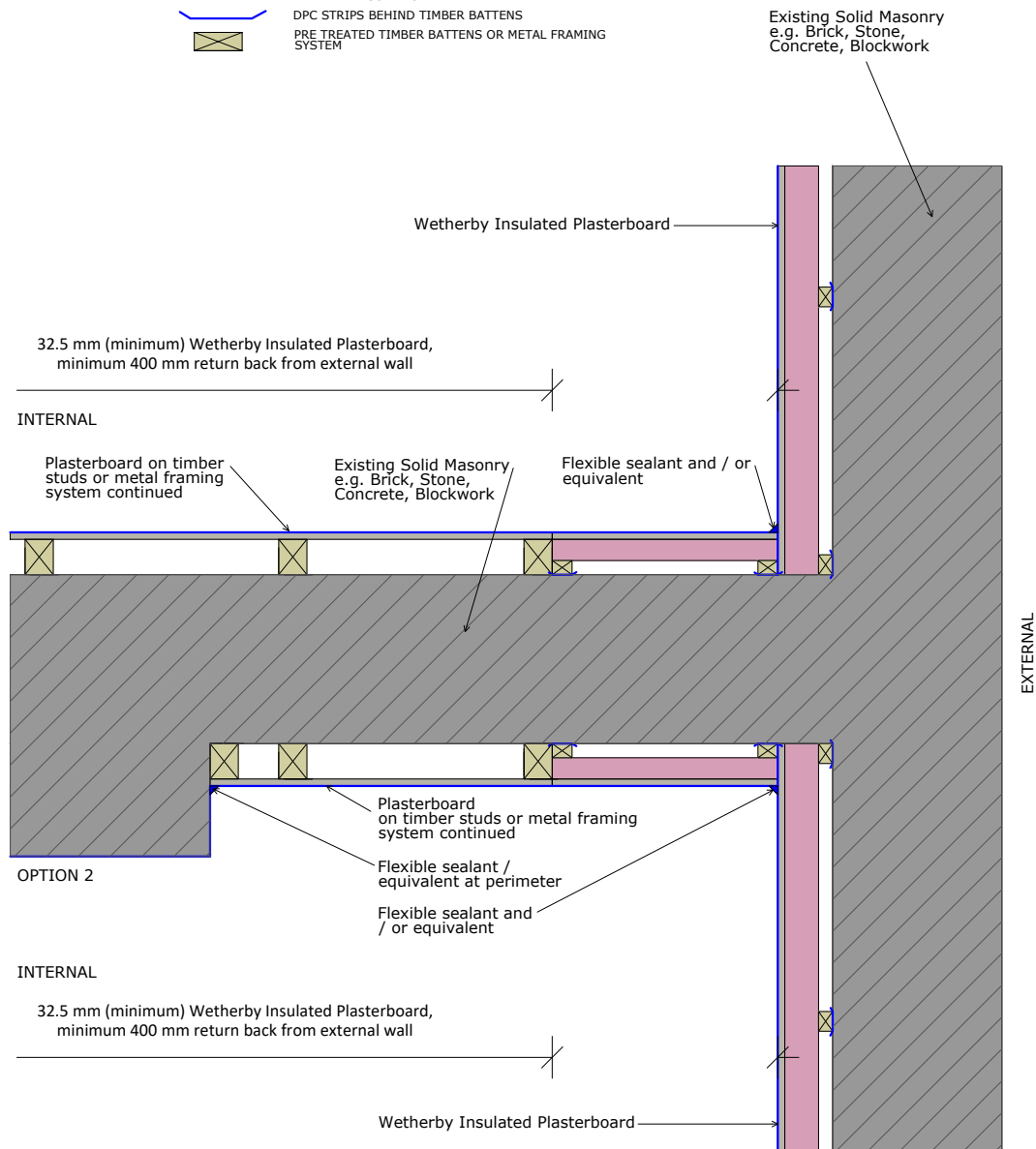
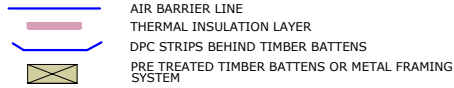
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

PLAN VIEW



drawing description.
Separating Wall Junction Detail (2 of 5)

drawing no.
TB-IWI-06B

project name.
Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

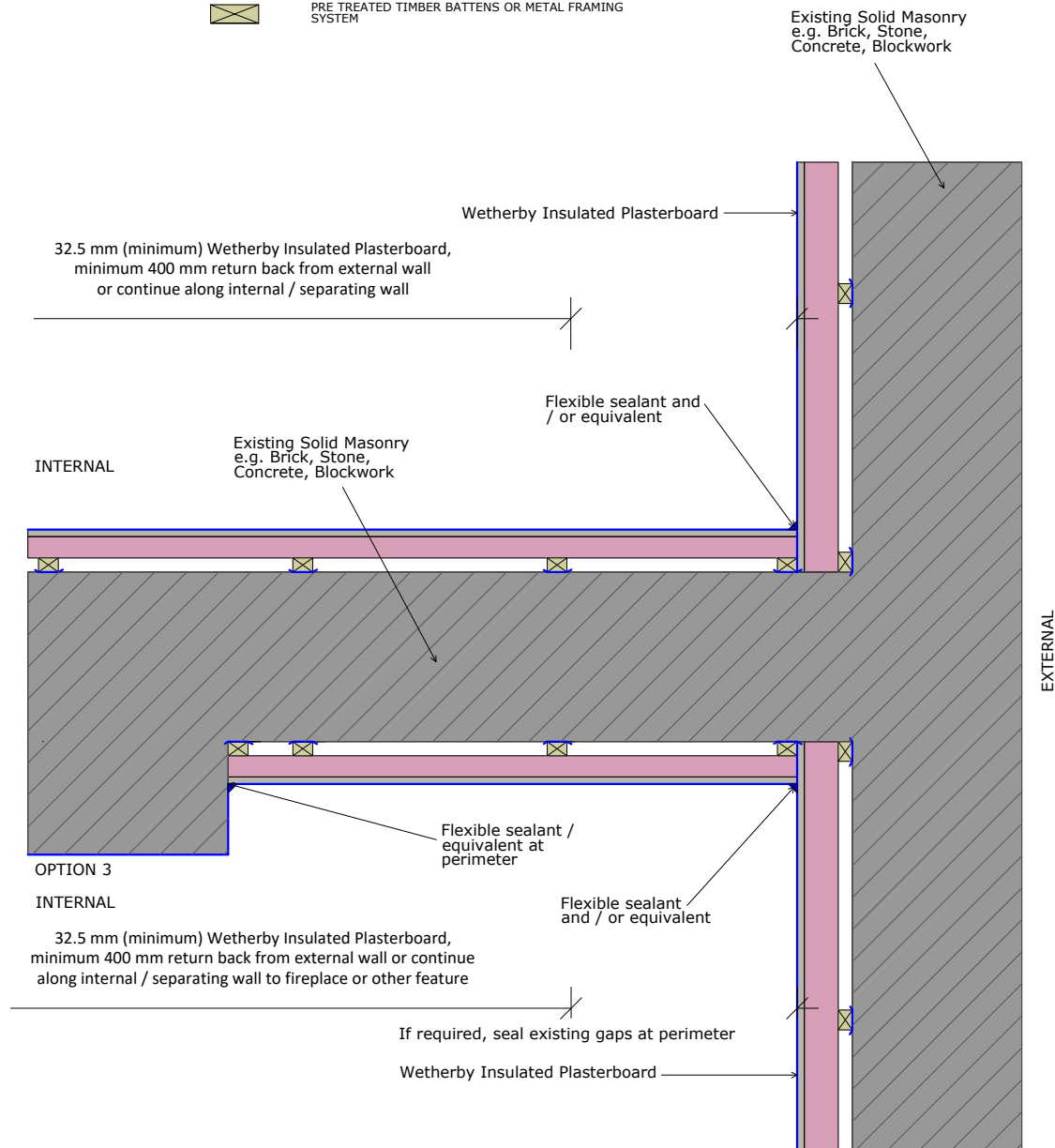
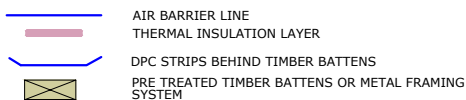
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

PLAN VIEW



drawing description.

Separating Wall Junction Detail (3 of 5)

drawing no.

TB-IWI-06C

project name.

Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

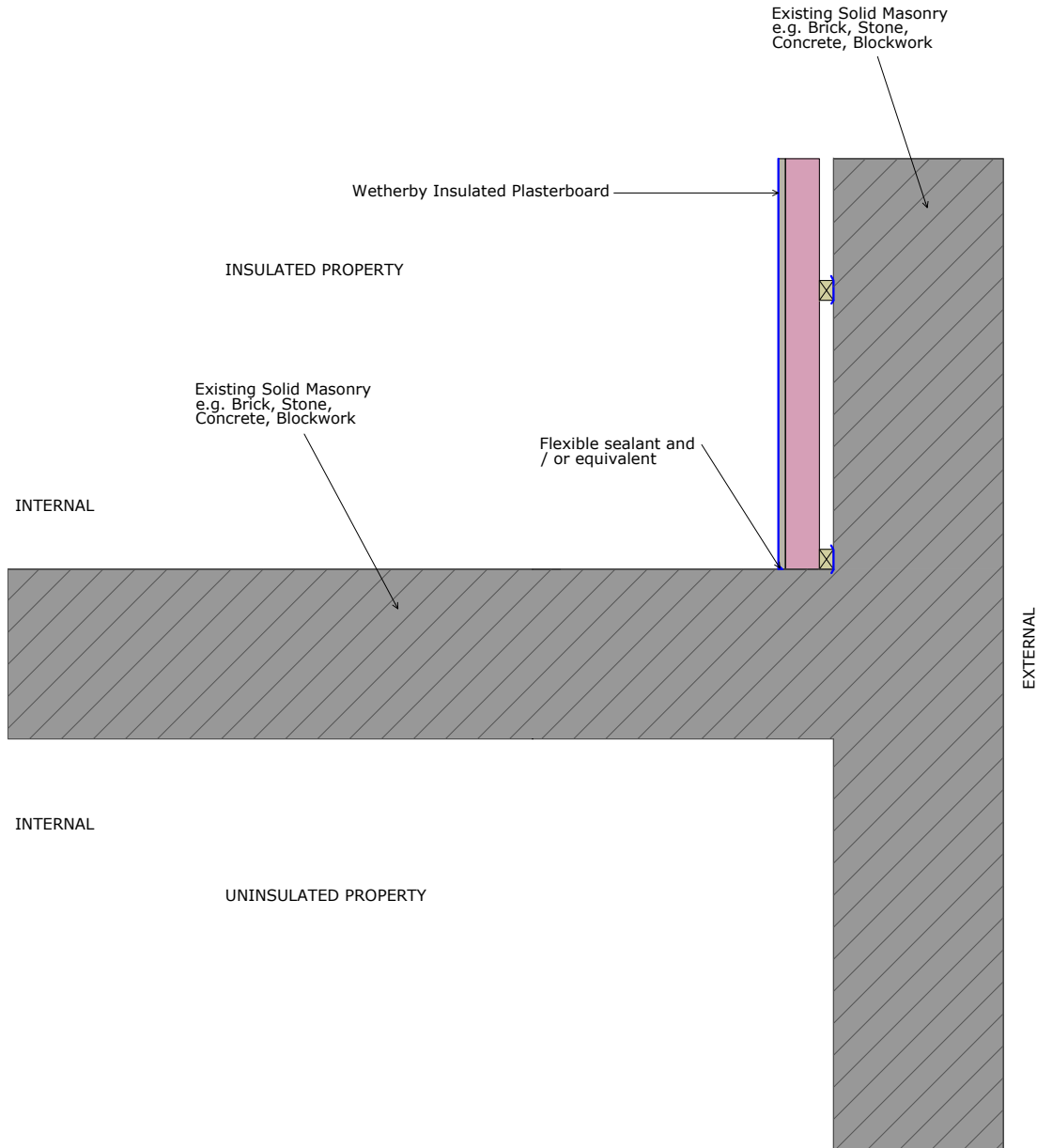
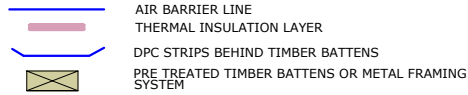
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

PLAN VIEW



N.B. Wetherby advise insulating all areas and reducing cold bridging wherever possible.

In areas where cold bridging occurs, there is an increased risk of interstitial condensation.

There is an increase to surface temperature above the critical temperature factor by not insulating the separating wall, therefore no / less risk of surface condensation forming in the corner of the adjacent room or property if the external walls to the property or room next door are not to be insulated.

drawing description.
Separating Wall Junction Detail (4 of 5)

drawing no.
TB-IWI-06D

project name.
Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

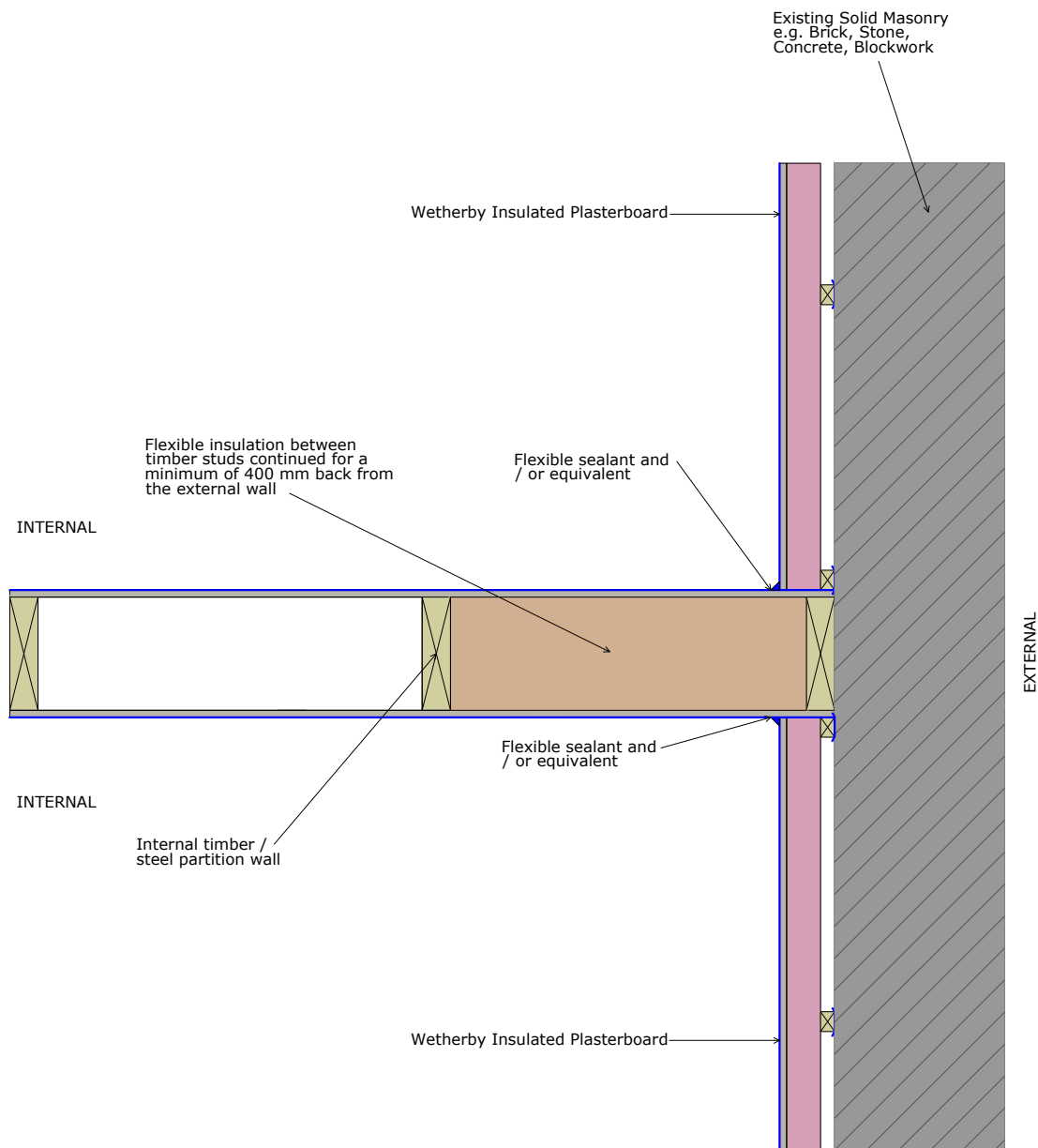
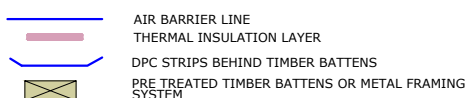
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

PLAN VIEW



drawing description.

Separating Wall Junction Detail (5 of 5)

drawing no.

TB-IWI-06E

project name.

Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

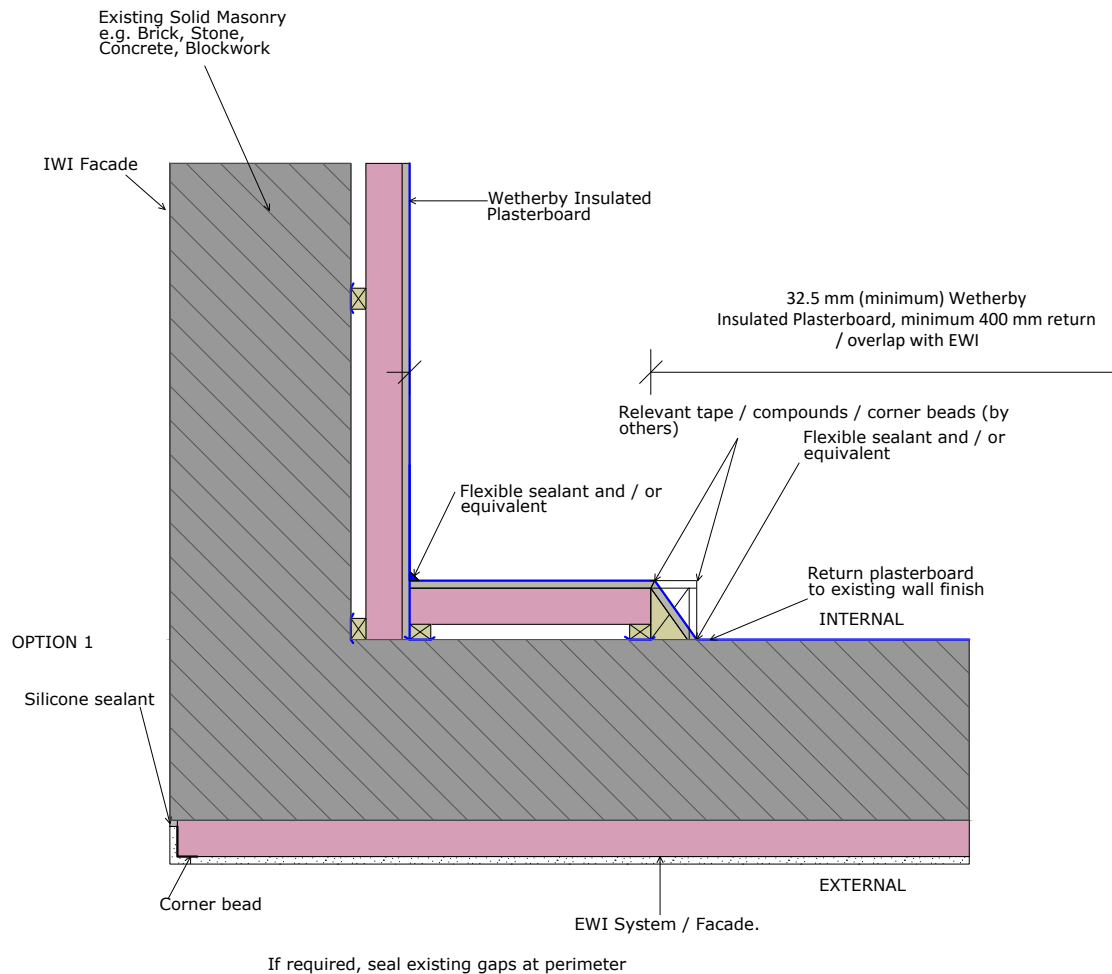
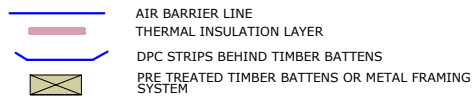
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

PLAN VIEW



drawing description.
EWI / IWI Junction Detail (1 of 3)

drawing no.
TB-IWI-07A

project name.
Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

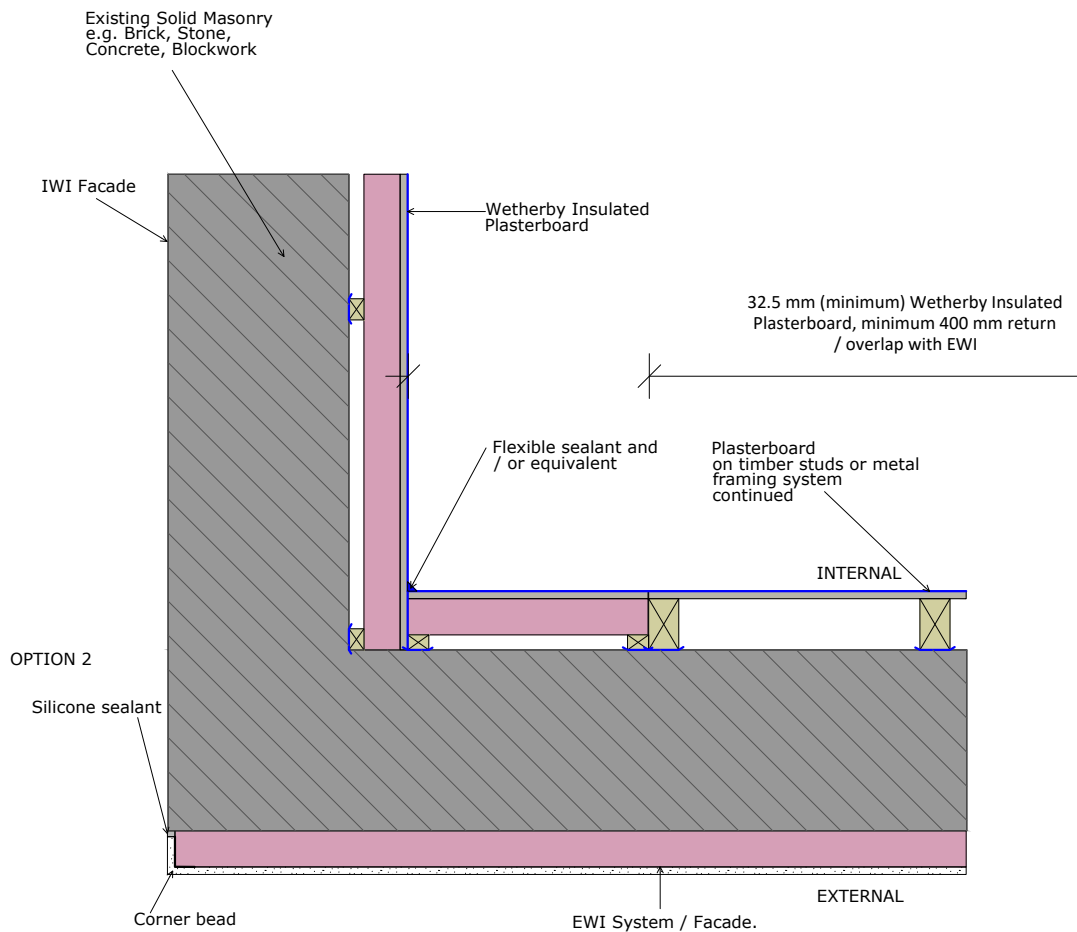
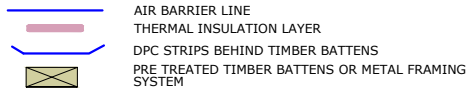
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

PLAN VIEW



drawing description.
EWI / IWI Junction Detail (2 of 3)

drawing no.
TB-IWI-07B

project name.
Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

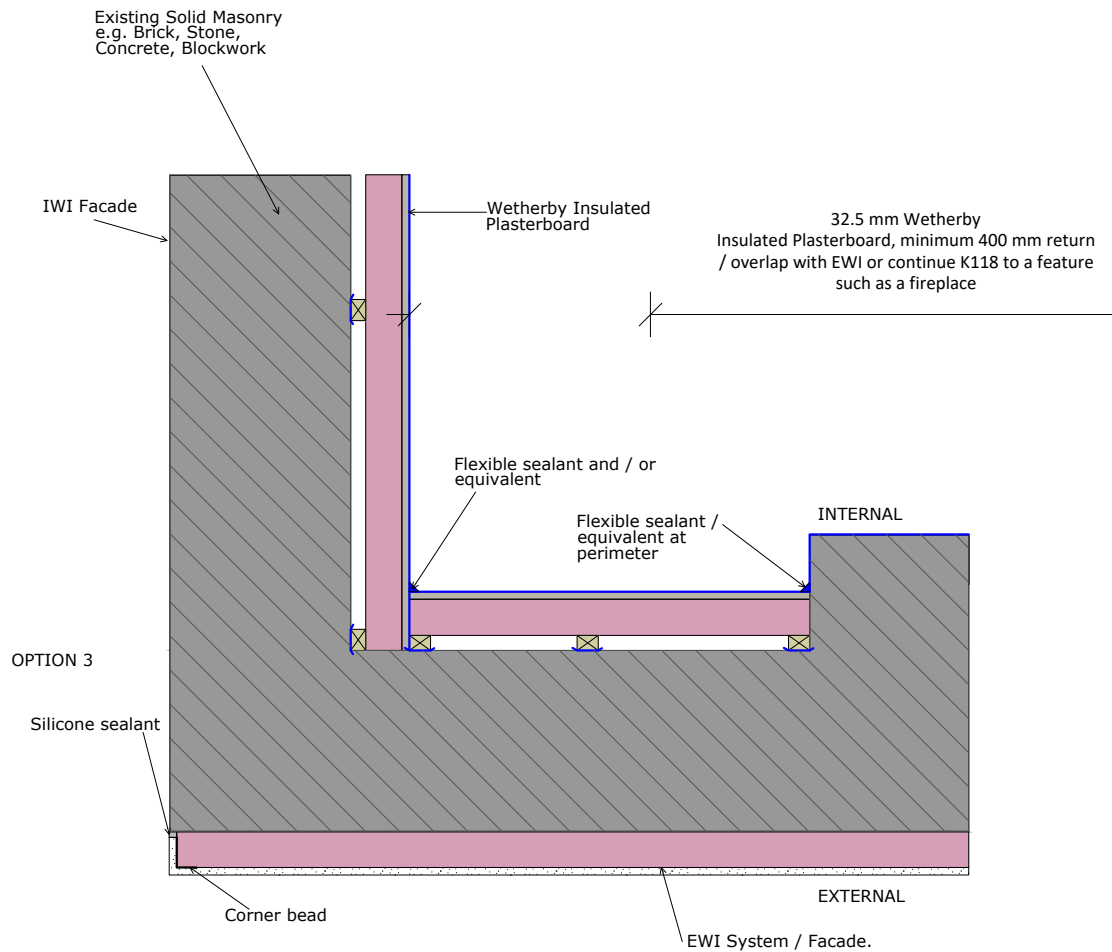
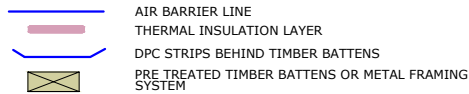
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

PLAN VIEW



drawing description.
EWI / IWI Junction Detail (3 of 3)

drawing no.
TB-IWI-07C

project name.
Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

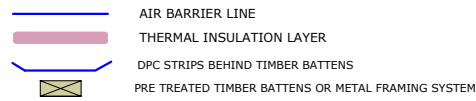
dwg set. 10

Wetherby Building Systems Ltd

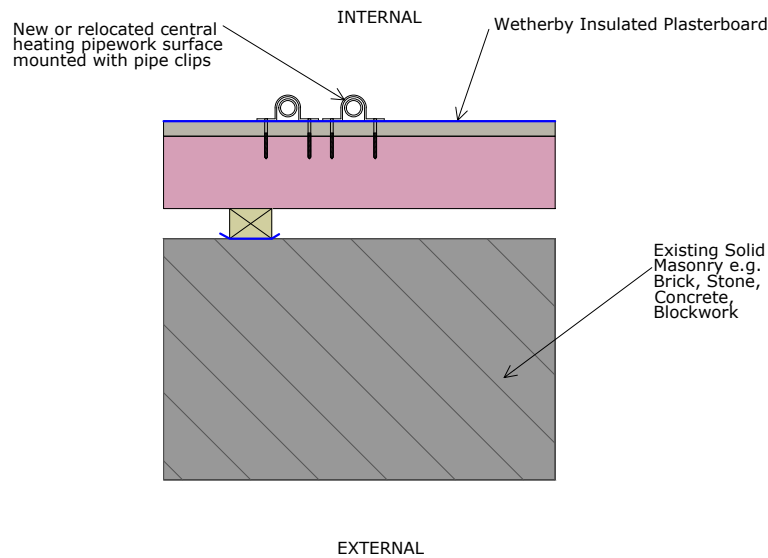
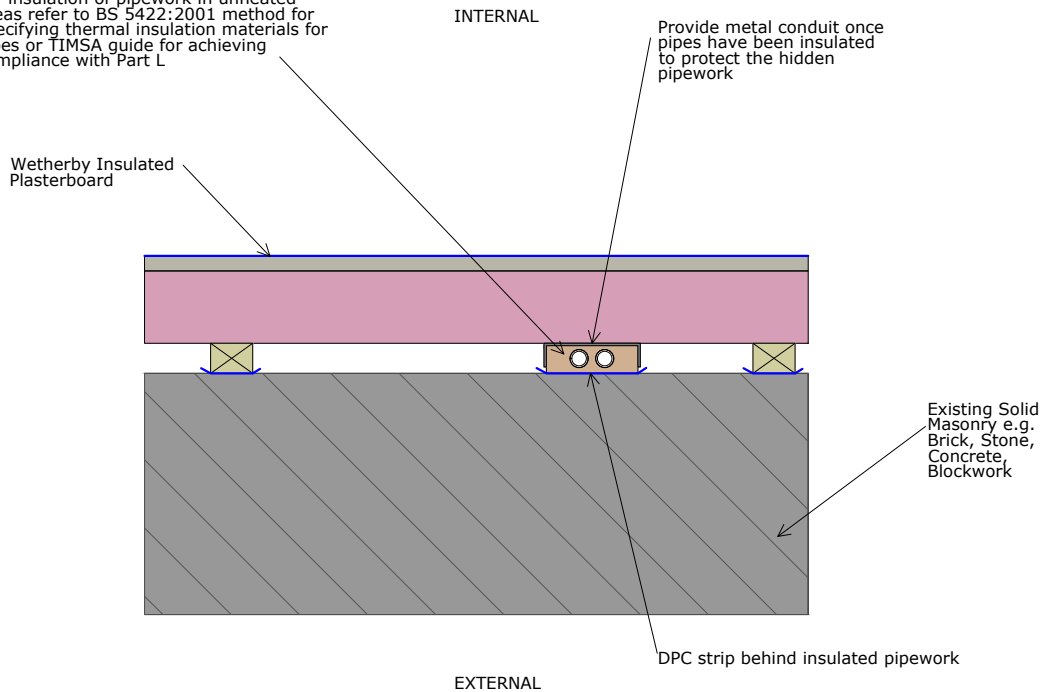


1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

PLAN VIEW



For insulation of pipework in unheated areas refer to BS 5422:2001 method for specifying thermal insulation materials for pipes or TIMSA guide for achieving compliance with Part L



drawing description.

Central Heating Pipework Detail

drawing no.

TB-IWI-08

project name.

Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

INTERNAL

Flexible sealant and / or equivalent

External angle corner tape or plasterboard corner bead for maximum protection (by others).

✓ 32.5 mm (minimum) Wetherby Insulated Plasterboard

-18 mm Plywood

- SW timber studwork with flexible insulation between

- SVP service duct wrapped in flexible insulation

Wetherby Insulated Plasterboard

Existing Solid
Masonry e.g.
Brick, Stone,
Concrete,
Blockwork

EXTERNAL

Flexible sealant and / or equivalent

checked by. BS

revision. -

scale. nts

date. 16.07.2020

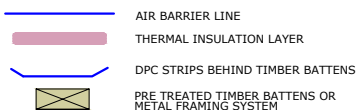
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

VERTICAL SECTION



Existing Solid Masonry
e.g. Brick, Stone,
Concrete, Blockwork

Wetherby Insulated
Plasterboard

Curtain rail batten
fixed through
Wetherby Insulated
Plasterboard to
timber battens or
metal framing
channel / noggins
between timber
battens or metal
framing channel

EXTERNAL

INTERNAL

Existing Solid Masonry
e.g. Brick, Stone,
Concrete, Blockwork

DPC strips behind timber
battens only

drawing description.

Fixtures and Fittings Detail (1 of 3)

drawing no.

TB-IWI-10A

project name.

Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

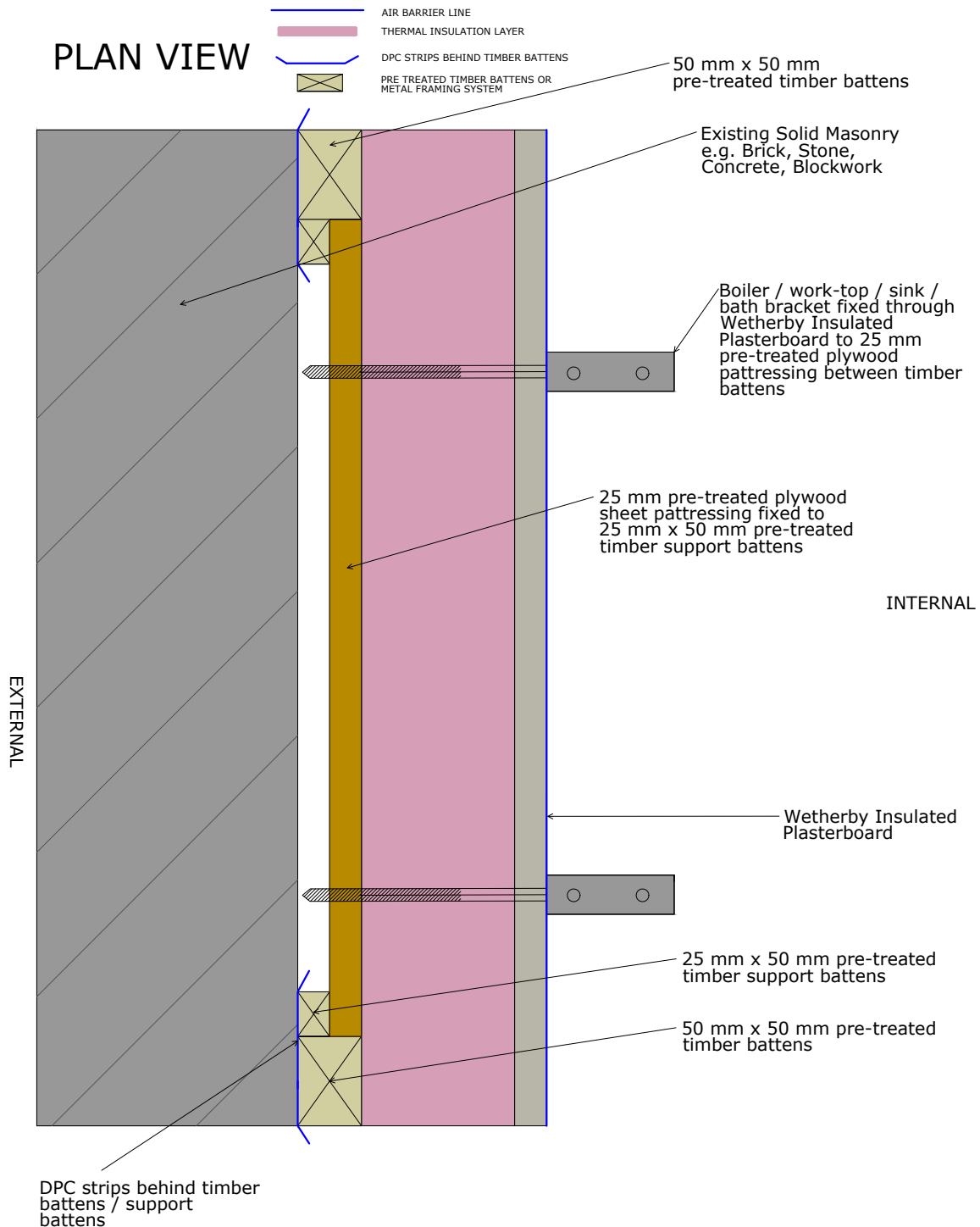
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

PLAN VIEW



drawing description.

Fixtures and Fittings Detail (2 of 3)

drawing no.

TB-IWI-10B

project name.

Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

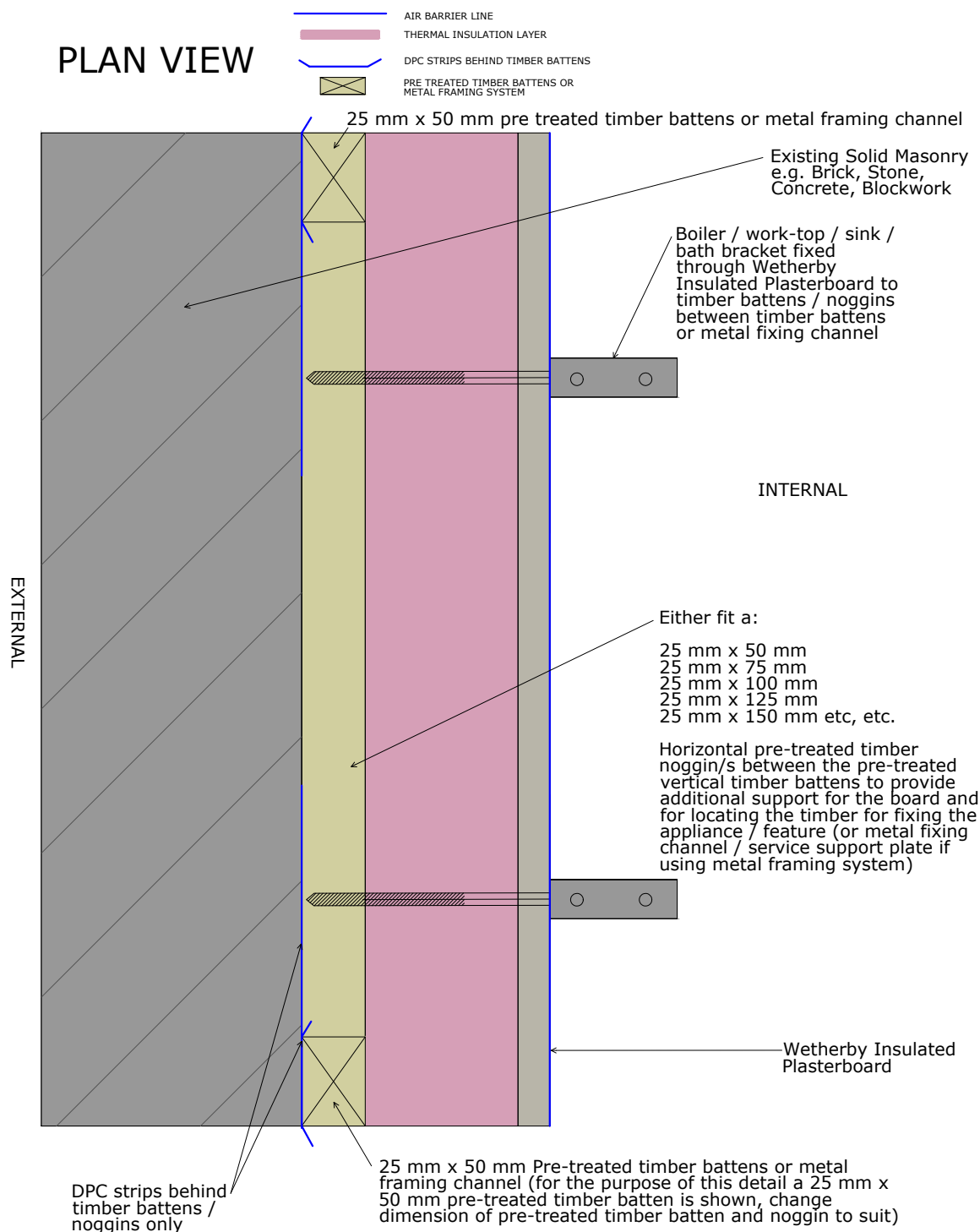
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

PLAN VIEW



drawing description.

Fixtures and Fittings Detail (3 of 3)

drawing no.

TB-IWI-10C

project name.

Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

dwg set. 10

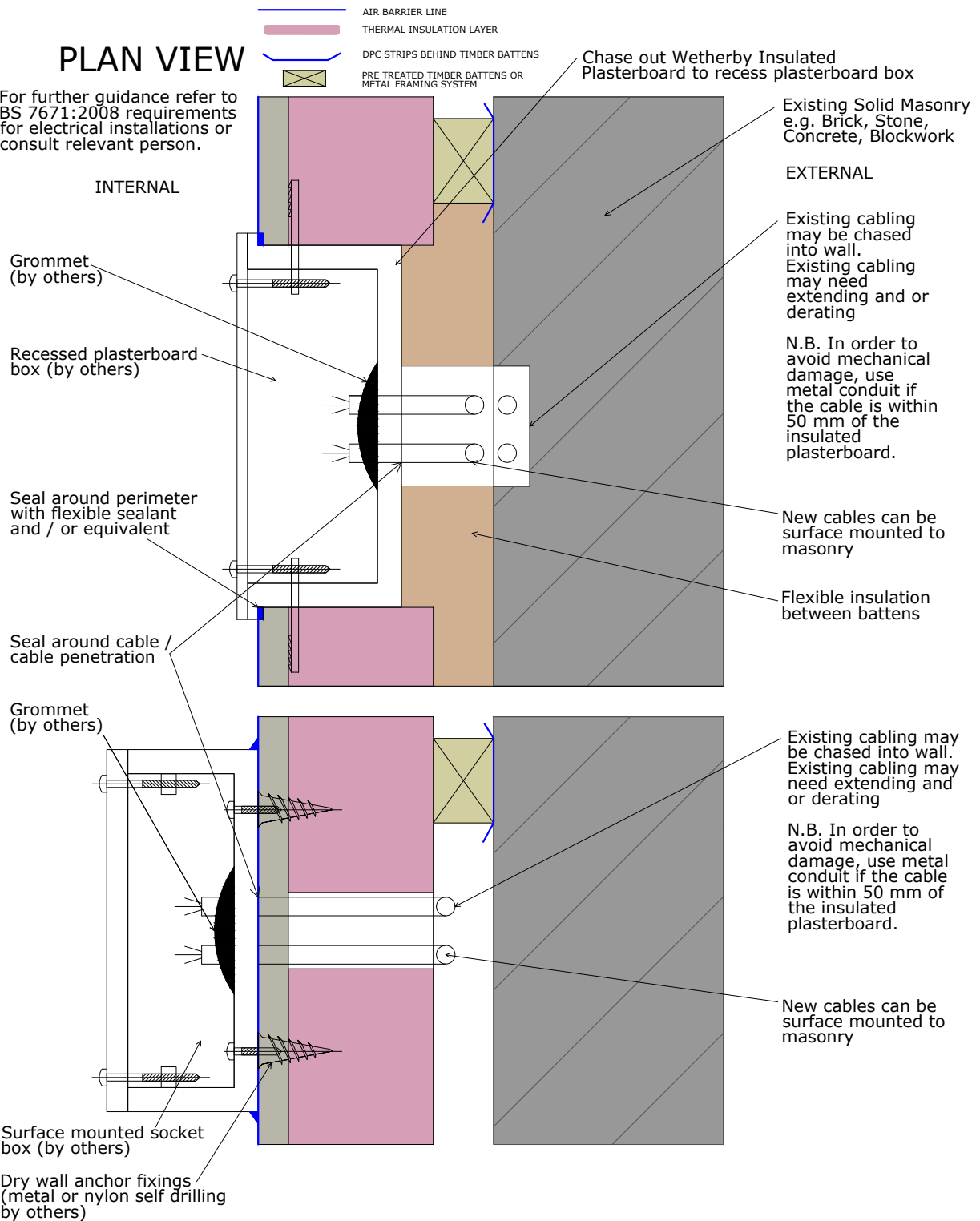
Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

PLAN VIEW

For further guidance refer to BS 7671:2008 requirements for electrical installations or consult relevant person.



drawing description.

Recessed / Surface Mounted Socket Detail

drawing no.

TB-IWI-11

project name.

Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

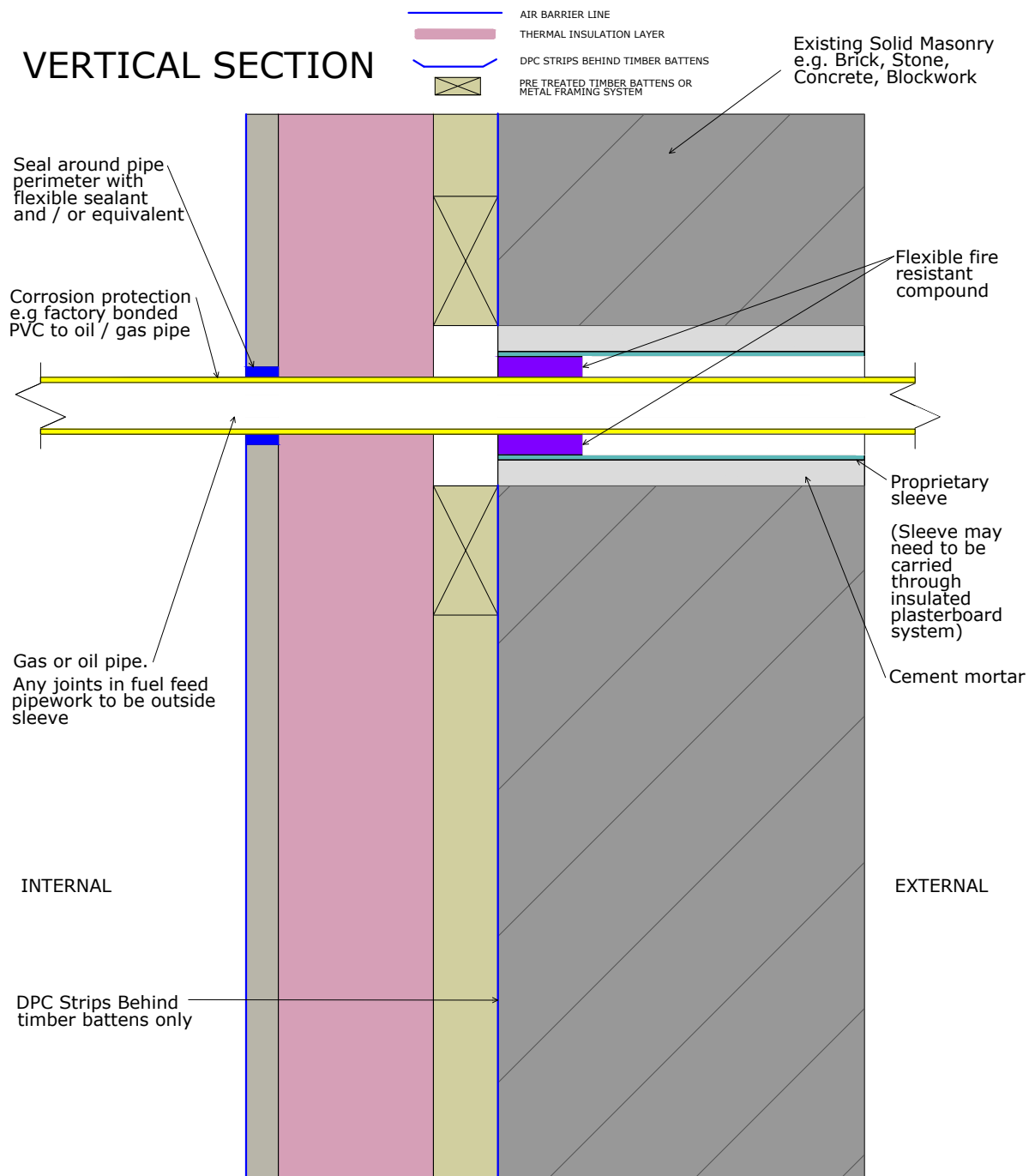
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

VERTICAL SECTION



Refer to BS 5410 parts 1 & 2 for Oil or
BS 6891:2005 + A2 2008 installation of low pressure gas pipework.
For further guidance consult relevant competent person.

drawing description.
Gas / Oil Pipe Detail

drawing no.
TB-IWI-12

project name.
Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

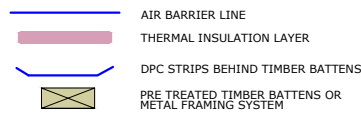
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

PLAN VIEW



Refer to BS 5410 parts 1 & 2 for Oil or
BS 6891:2005 + A2 2008 installation of low pressure gas pipework.
For further guidance consult relevant competent person.

Existing Solid Masonry
e.g. Brick, Stone,
Concrete, Blockwork

Corrosion protection e.g factory
bonded PVC to oil / gas pipe

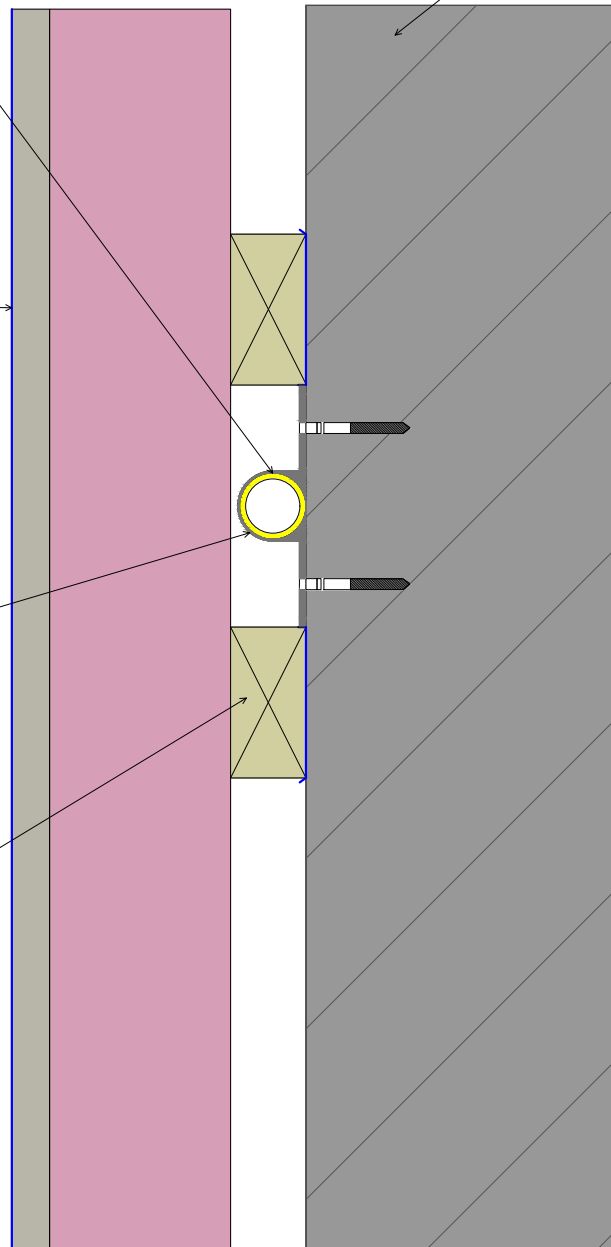
Wetherby Insulated
Plasterboard

Protective steel cover to
protect hidden pipework

Building material i.e
timber battens or
continuous ribbons of
adhesive to encase gas /
oil pipe

INTERNAL

EXTERNAL



drawing description.

Vertical Gas / Oil Pipe Detail

drawing no.

TB-IWI-13

project name.

Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

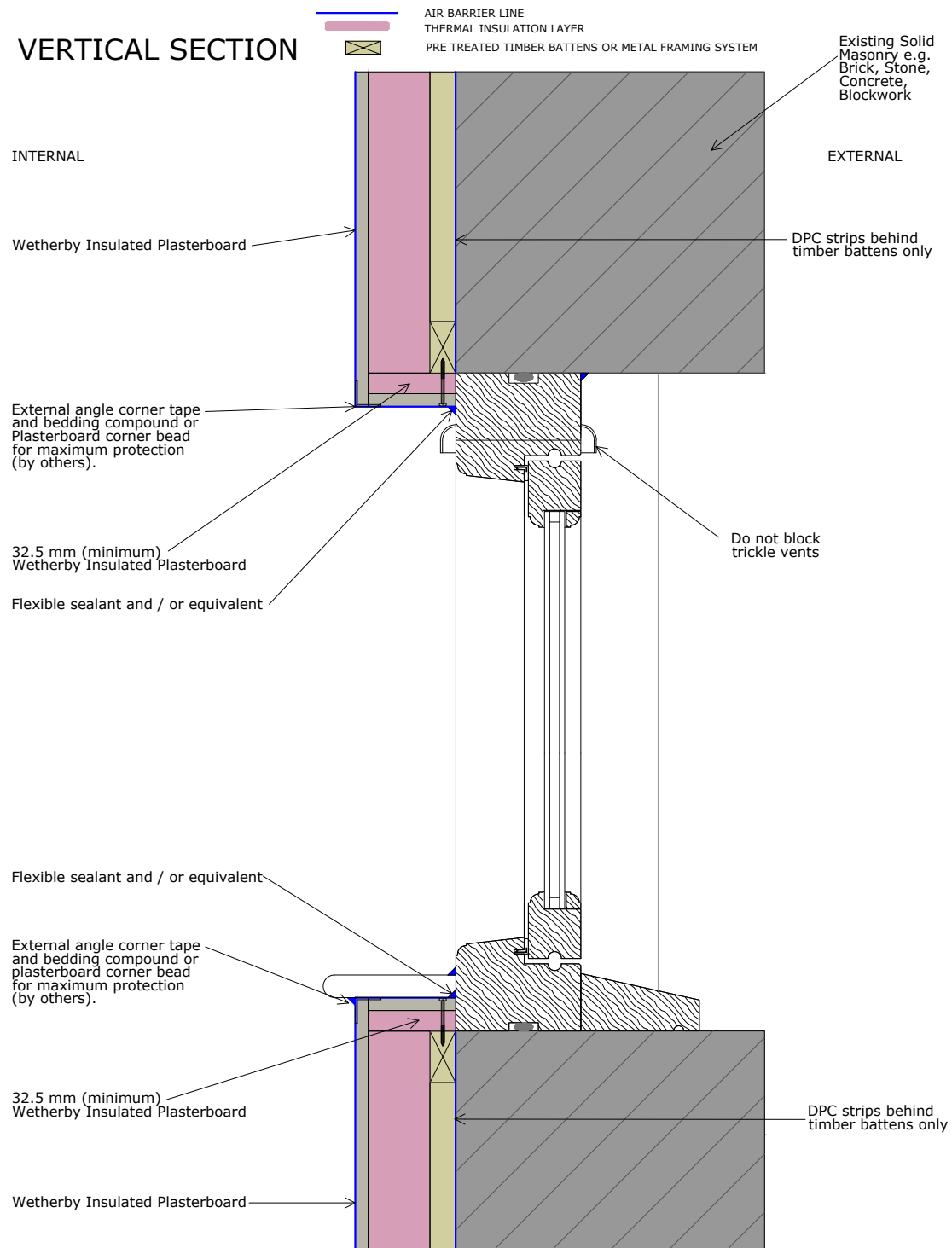
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

VERTICAL SECTION



drawing description.
Window Cill / Head Detail (1 of 3)

drawing no.
TB-IWI-14A

project name.
Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

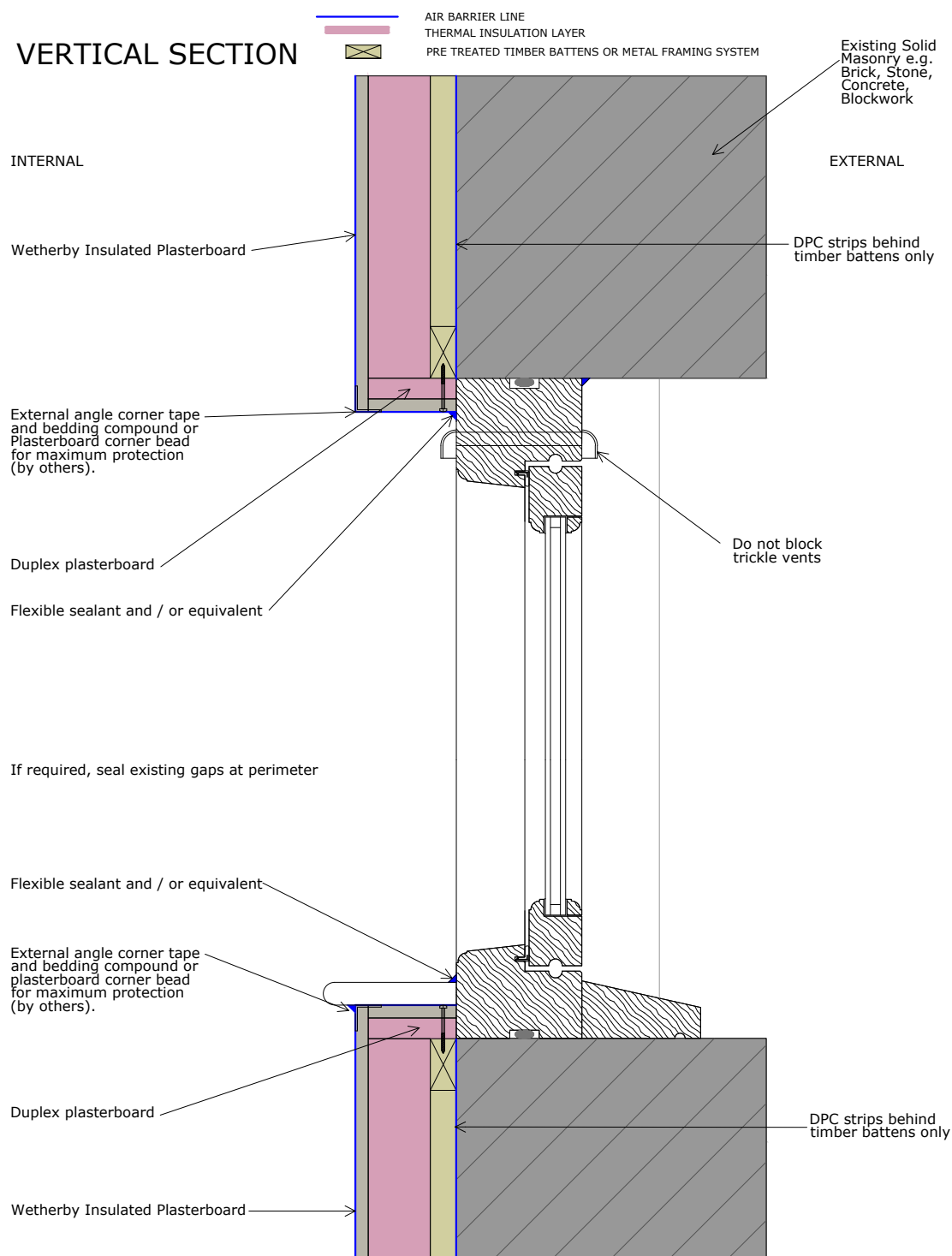
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

VERTICAL SECTION



N.B. Wetherby advise insulating all areas and reducing cold bridging wherever possible.

In areas where cold bridging occurs, there is an increased risk of interstitial condensation.

drawing description.
Window Cill / Head Detail (2 of 3)

drawing no.
TB-IWI-14B

project name.
Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

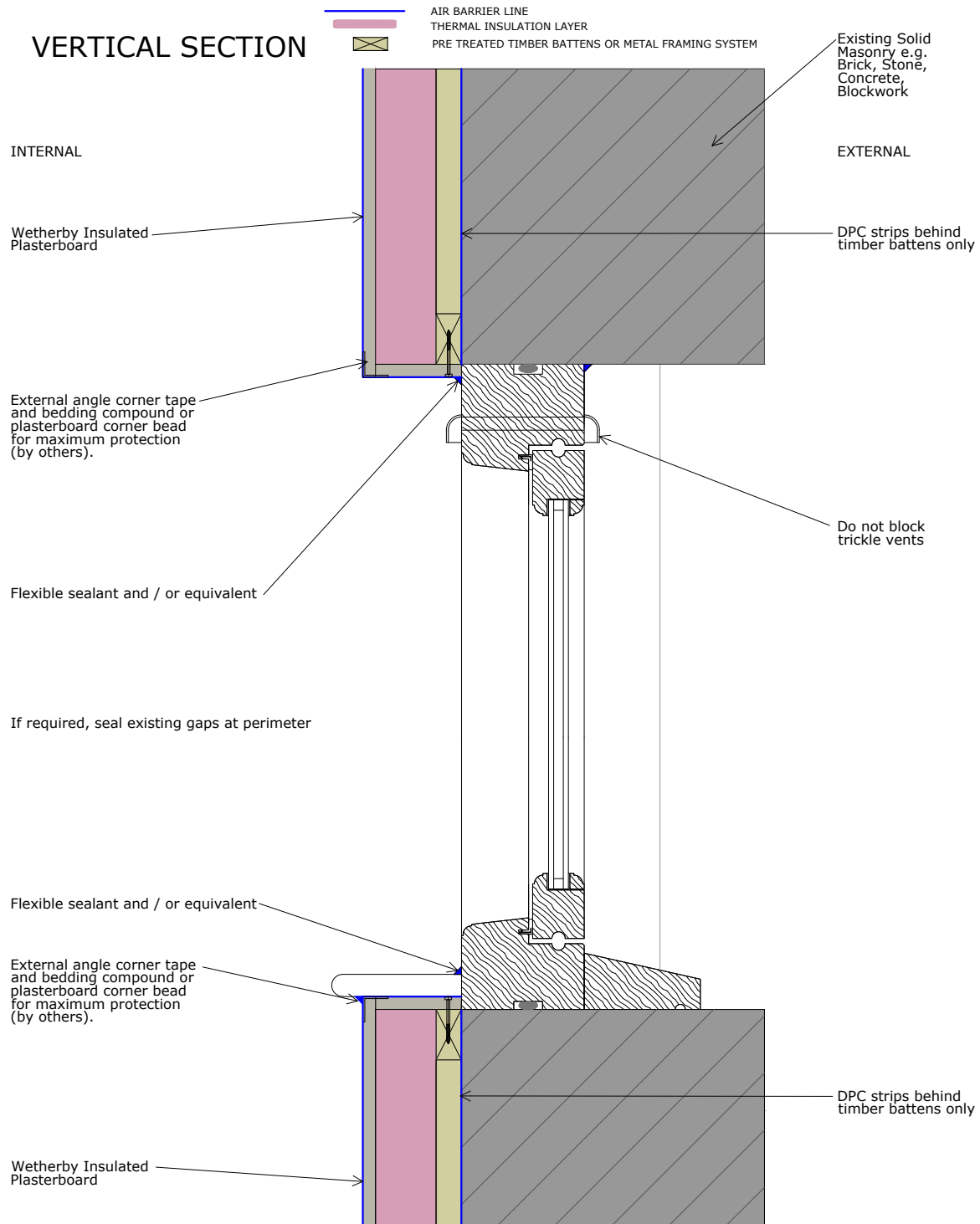
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

VERTICAL SECTION



N.B. Wetherby advise insulating all areas and reducing cold bridging wherever possible.

In areas where cold bridging occurs, there is an increased risk of interstitial condensation.

drawing description.
Window Cill / Head Detail (3 of 3)

drawing no.
TB-IWI-14C

project name.
Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

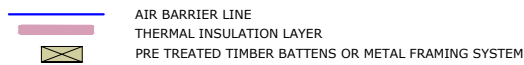
dwg set. 10

Wetherby Building Systems Ltd

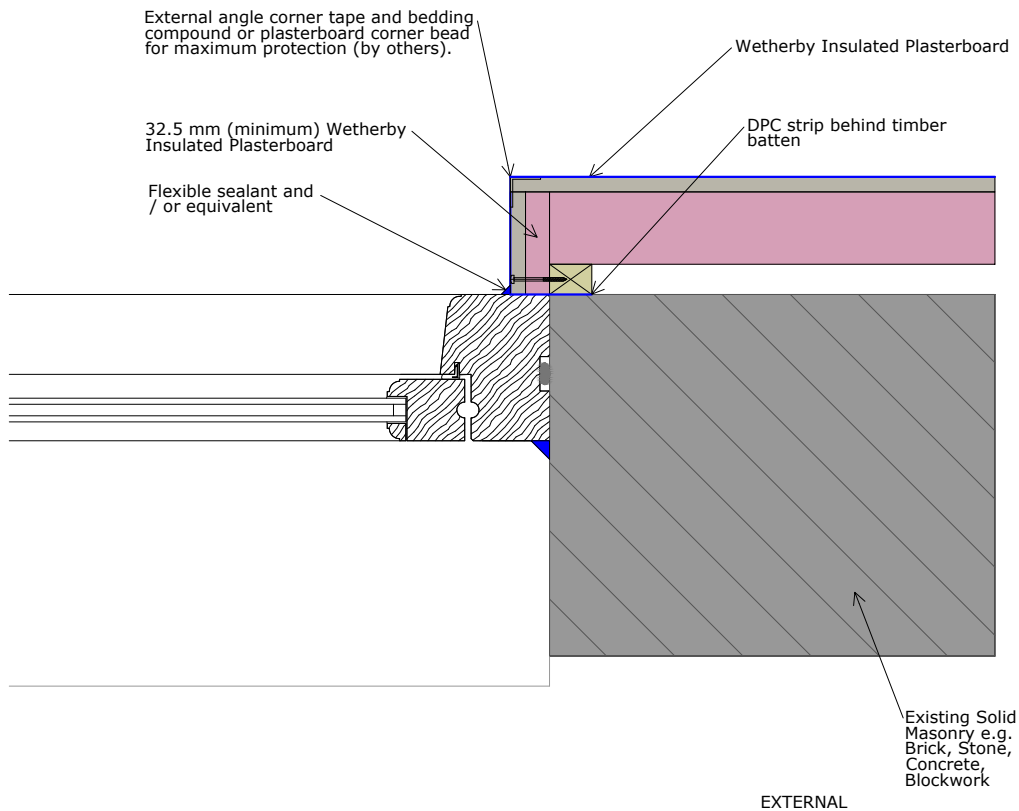


1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

PLAN VIEW



INTERNAL

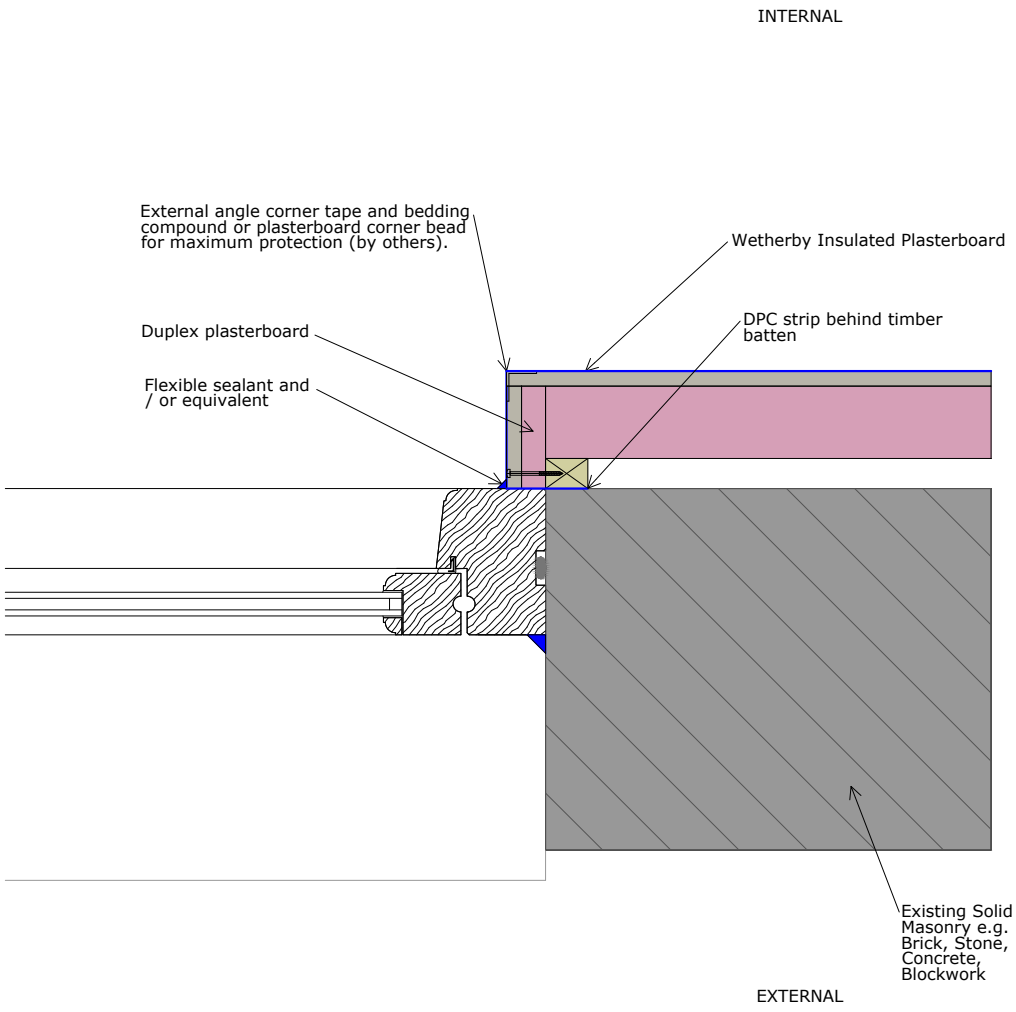
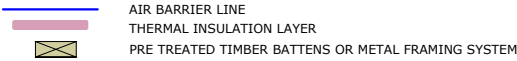


EXTERNAL

drawing description. Window Jamb Detail (1 of 3)	drawn by. LS	 1 Kid Glove Road, Golborne Enterprise Park, Golborne, Greater Manchester, WA3 3GS Tel: 01942 717100 Fax: 01942 717101 Web: www.wbs-ltd.co.uk E-mail: technical@wbs-ltd.co.uk © WBS-LTD 1998-2020. All rights reserved
drawing no. TB-IWI-15A	checked by. BS	
project name. Generic Detail Drawings	revision. -	
	scale. nts	
	date. 16.07.2020	
	dwg set. 10	

Wetherby Building Systems Ltd

PLAN VIEW

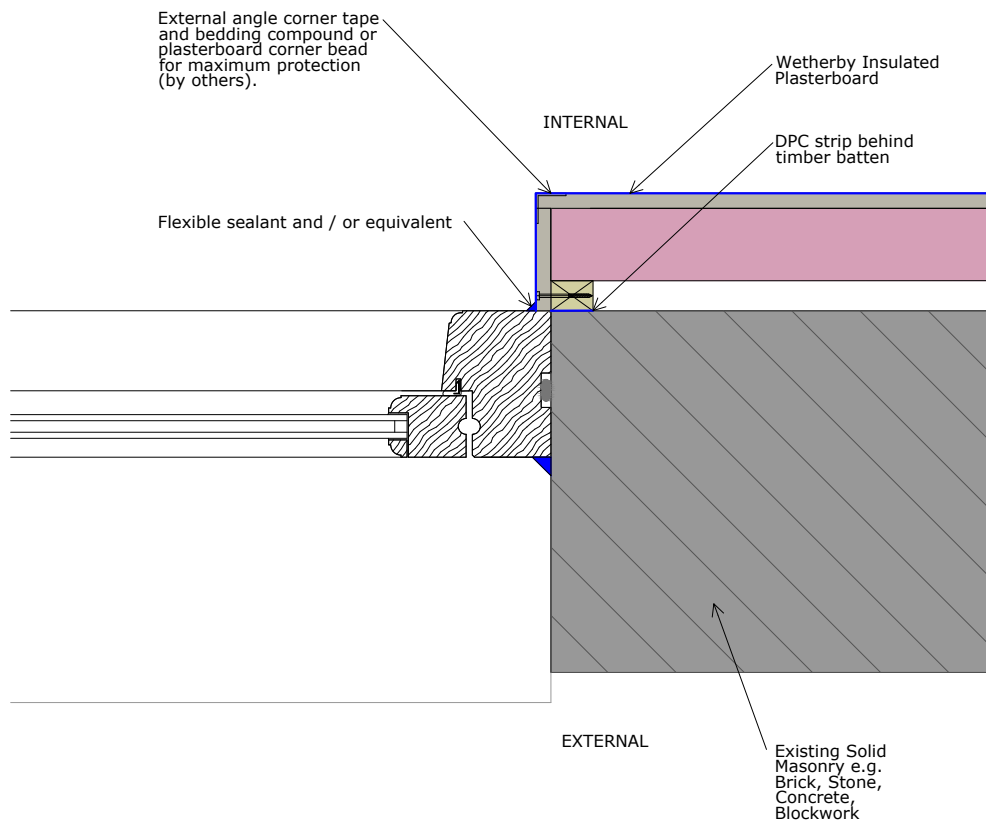
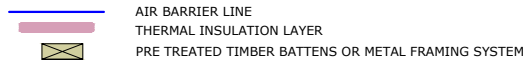


N.B. Wetherby advise insulating all areas and reducing cold bridging wherever possible.

In areas where cold bridging occurs, there is an increased risk of interstitial condensation.

drawing description. Window Jamb Detail (2 of 3)	drawn by. LS	 1 Kid Glove Road, Golborne Enterprise Park, Golborne, Greater Manchester, WA3 3GS Tel: 01942 717100 Fax: 01942 717101 Web: www.wbs-ltd.co.uk E-mail: technical@wbs-ltd.co.uk © WBS-LTD 1998-2020. All rights reserved
	checked by. BS	
drawing no. TB-IWI-15B	revision. -	
	scale. nts	
project name. Generic Detail Drawings	date. 16.07.2020	
	dwg set. 10	

PLAN VIEW



N.B. Wetherby advise insulating all areas and reducing cold bridging wherever possible.

In areas where cold bridging occurs, there is an increased risk of interstitial condensation.

drawing description.
Window Jamb Detail (3 of 3)

drawing no.
TB-IWI-15C

project name.
Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

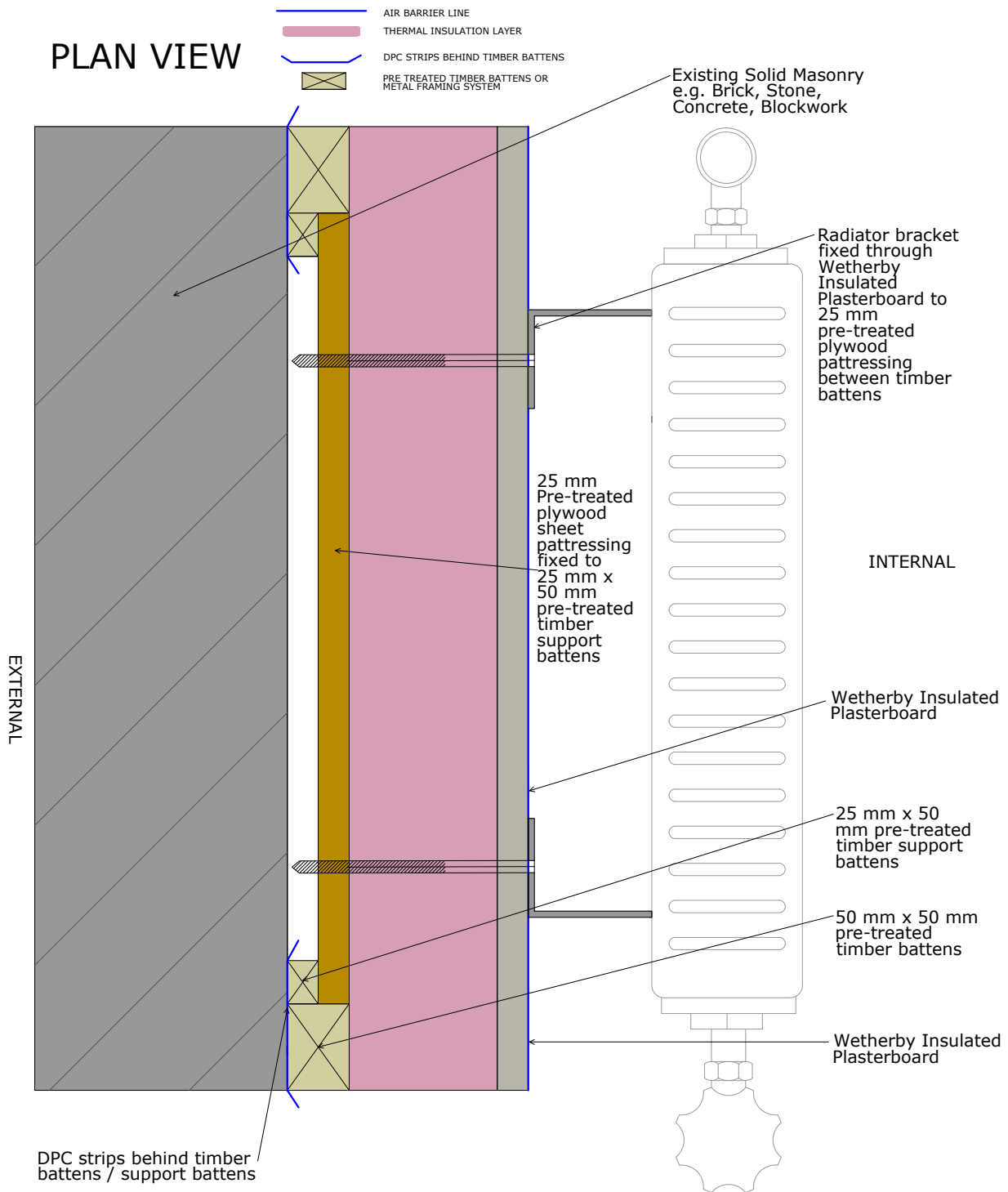
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

PLAN VIEW



drawing description.
Radiator Detail (1 of 2)

drawing no.
TB-IWI-16A

project name.
Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

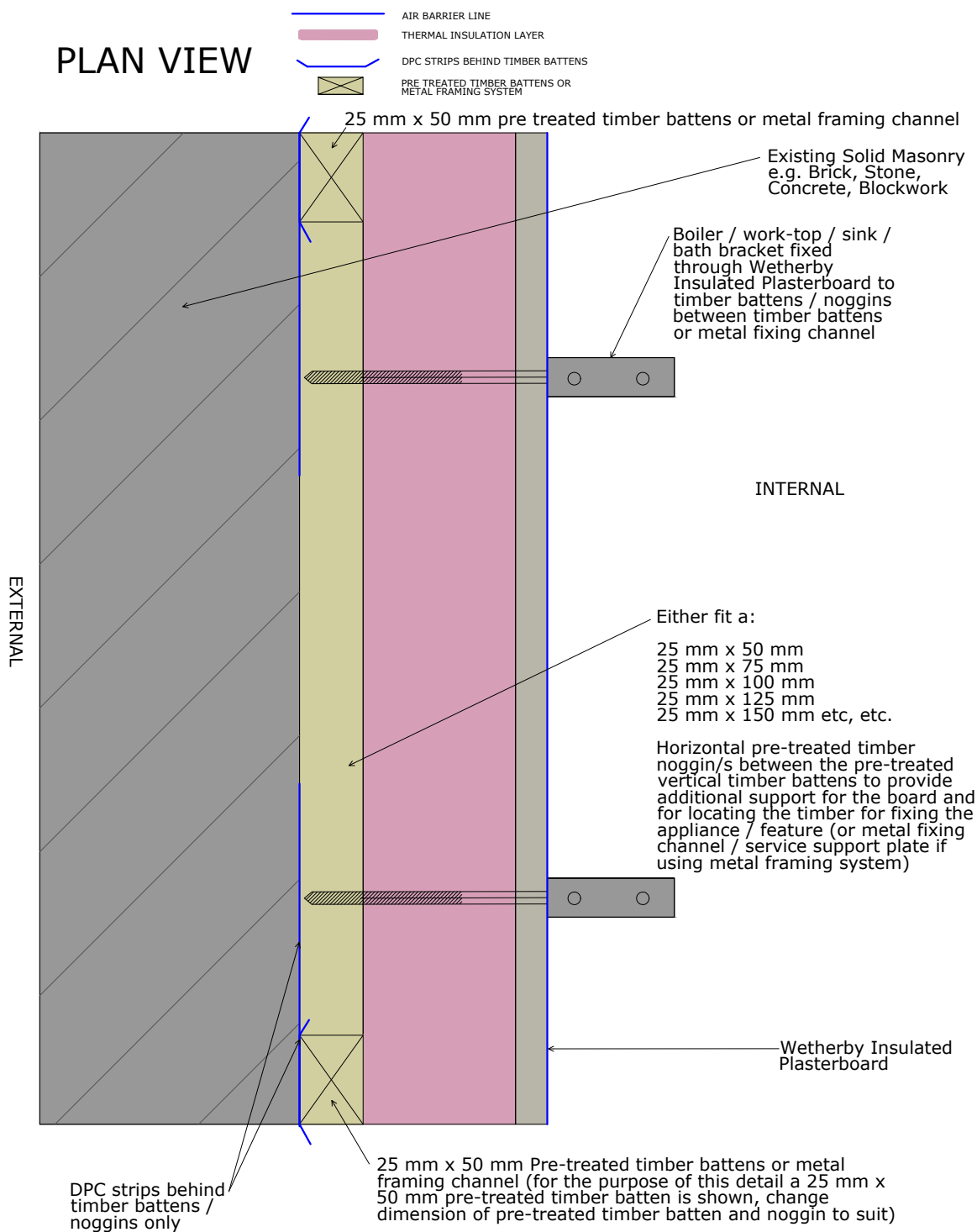
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

PLAN VIEW



drawing description.
Radiator Detail (2 of 2)

drawing no.
TB-IWI-16B

project name.
Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

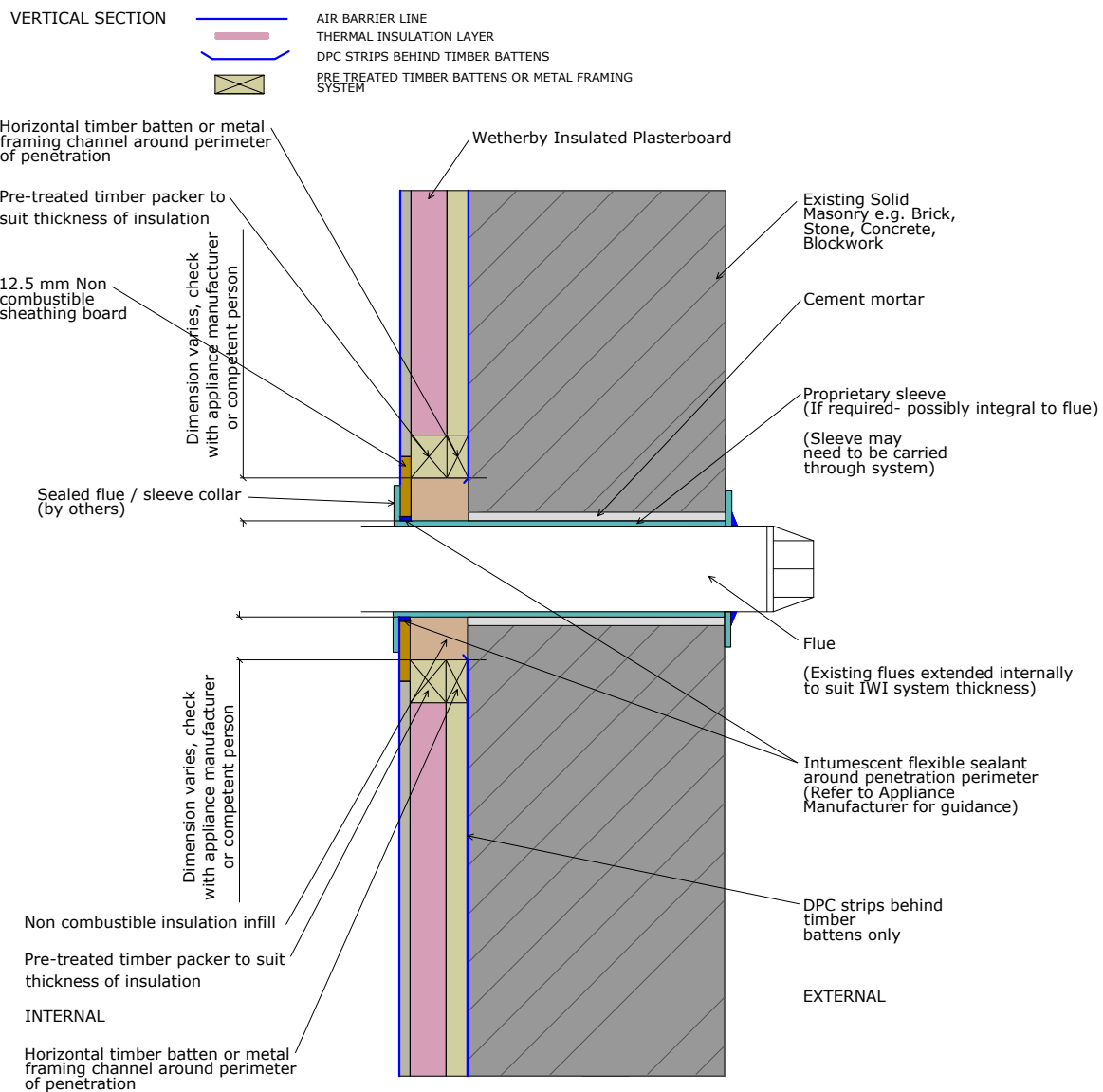
date. 16.07.2020

dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved



- This detail illustrates when separation from the flue / air duct and combustible material is required.
- The appliance manufacturer's instructions must be sought, which may detail a specific clearance from the flue / air supply duct (s) and combustible materials, irrespective of flue-gas or duct temperature.
- The dimension of non-combustible insulation around flue pipes / terminal can vary, for example, all flues serving oil fired boilers require a 300 mm minimum area around the flue pipe / terminal free from combustible material.
- Always refer to the manufacturer of the heating system and obtain guidance from a competent person (Gas safe, OFTEC, HETAS or equivalent) to determine the requirements.

drawing description.
Flue Detail (1 of 2)

drawing no.
TB-IWI-17A

project name.
Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

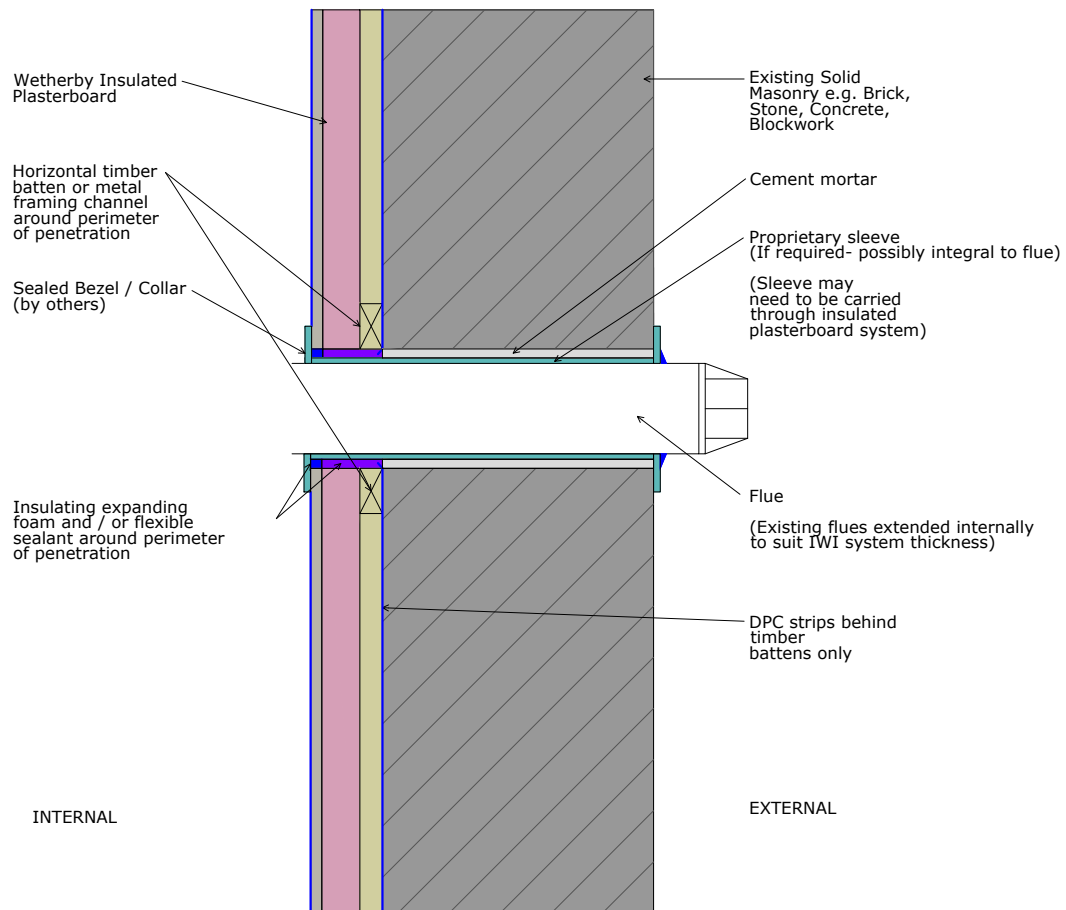
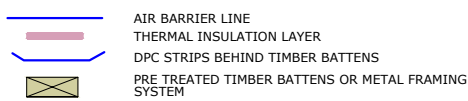
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

VERTICAL SECTION



- This detail may be used where a separation between the flue / air duct and combustible material is not required, for example plastic flues serving appliances that operate under 100°C .
- Always refer to the manufacturer of the heating system and obtain guidance from a competent person (Gas safe, OFTEC, HETAS or equivalent) to determine the requirements.
- Manufacturer's instructions may detail a specific clearance from the flue / air supply duct (s) and combustible materials, irrespective of flue-gas or duct temperature, therefore see flue (built in, separation) detail on page 60.

drawing description.
Flue Detail (2 of 2)

drawing no.
TB-IWI-17B

project name.
Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

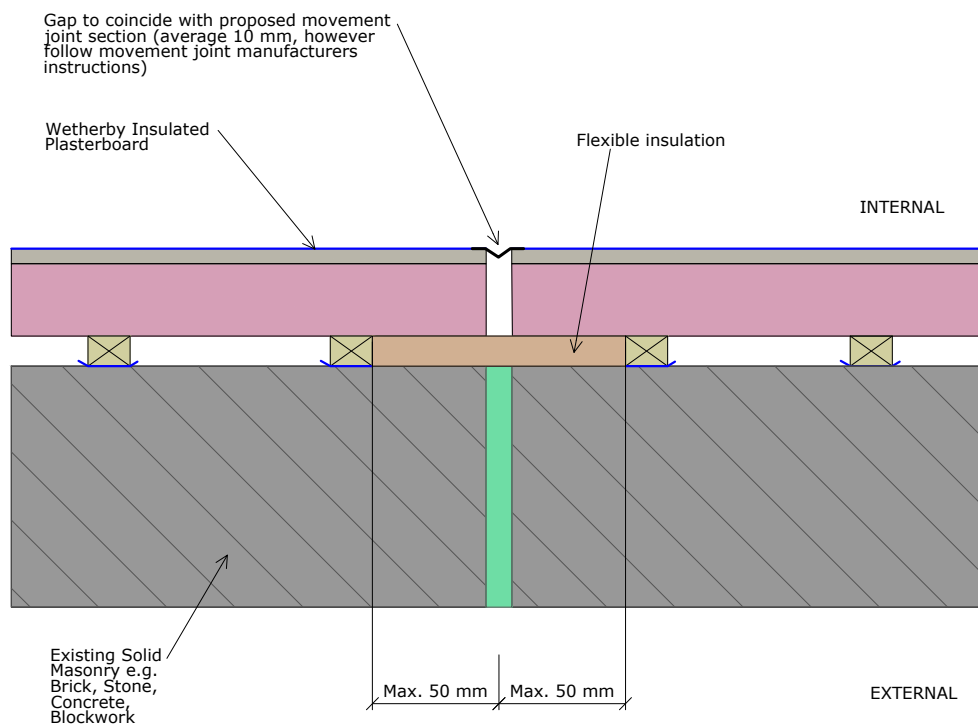
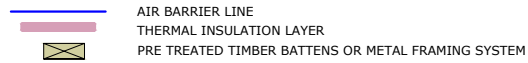
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

PLAN VIEW



- Form movement control joints at maximum 10 m intervals in the Kooltherm K118 Insulated Plasterboard lining run
- Form movement control joints where the lining crosses a structural movement joint
- The movement joint section should be applied and secured with 13 mm galvanized stainless steel staples at 150 mm centres (or follow movement joint manufacturers instructions)

drawing description.
Movement Joint Detail

drawing no.
TB-IWI-18

project name.
Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

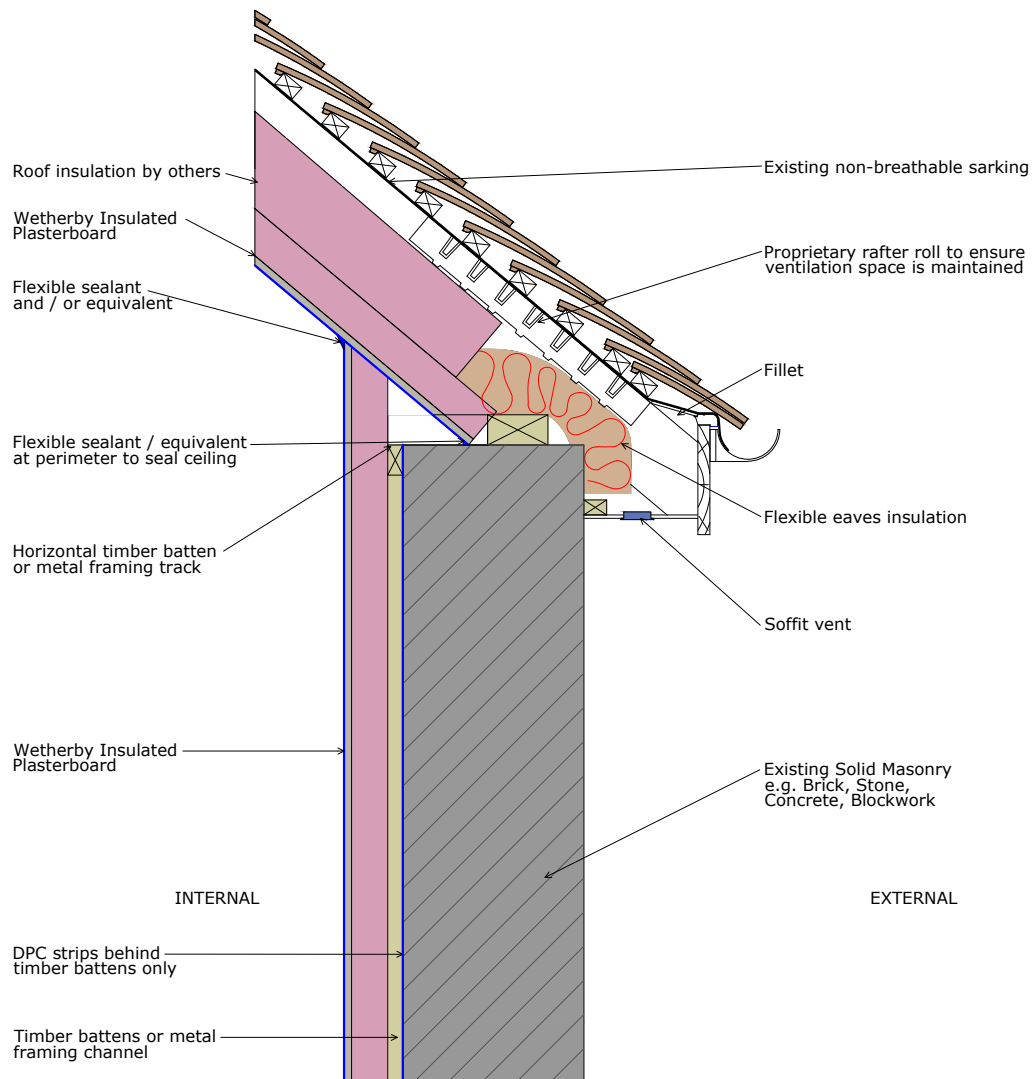
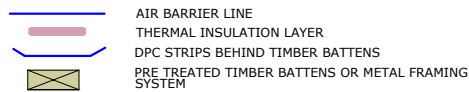
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

VERTICAL SECTION



drawing description.

Roof Abutment Detail (1 of 4)

drawing no.

TB-IWI-19A

project name.

Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

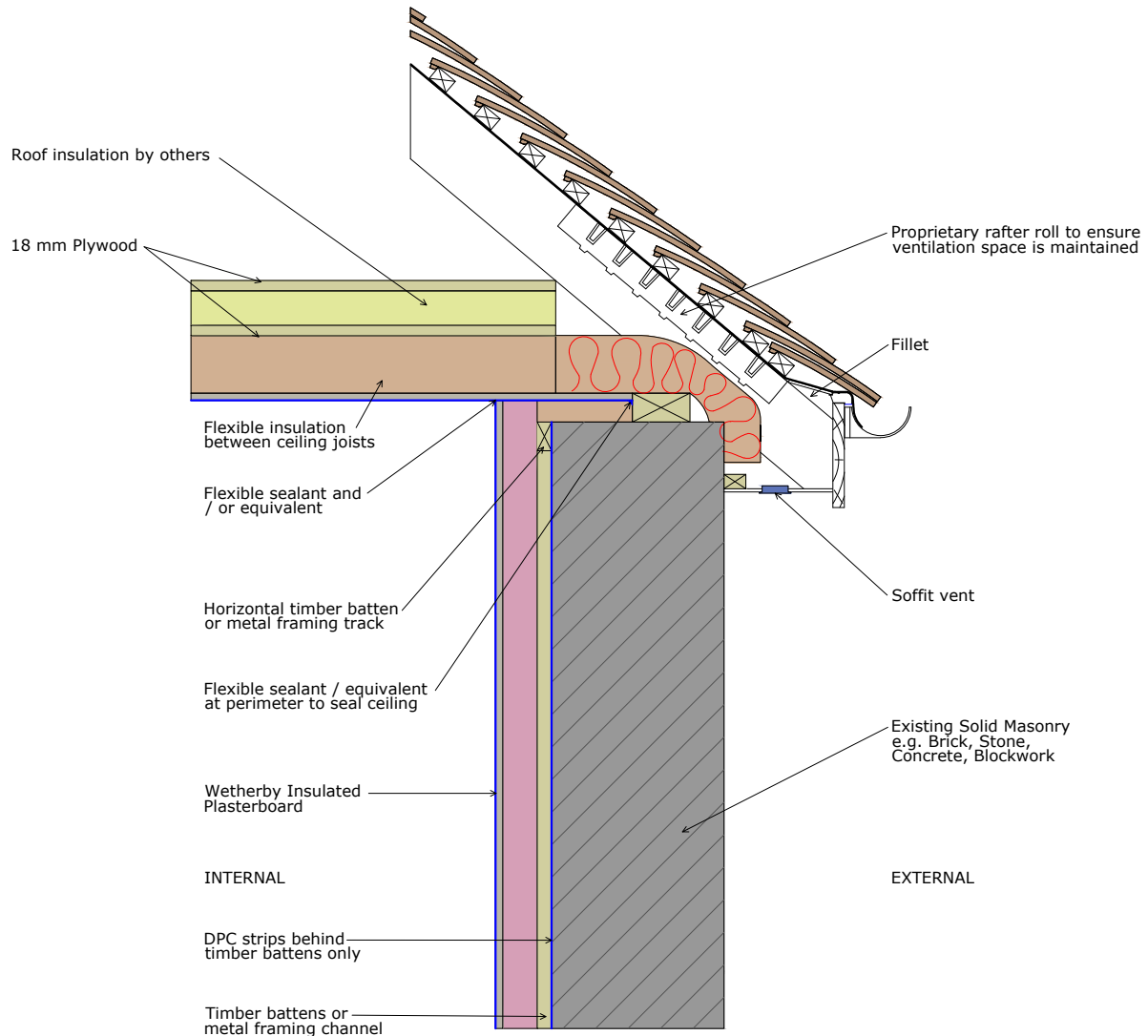
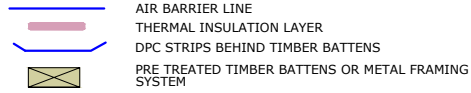
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
 Golborne, Greater Manchester, WA3 3GS
 Tel: 01942 717100 Fax: 01942 717101
 Web: www.wbs-ltd.co.uk
 E-mail: technical@wbs-ltd.co.uk
 © WBS-LTD 1998-2020. All rights reserved

VERTICAL SECTION



drawing description.

Roof Abutment Detail (2 of 4)

drawing no.

TB-IWI-19B

project name.

Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

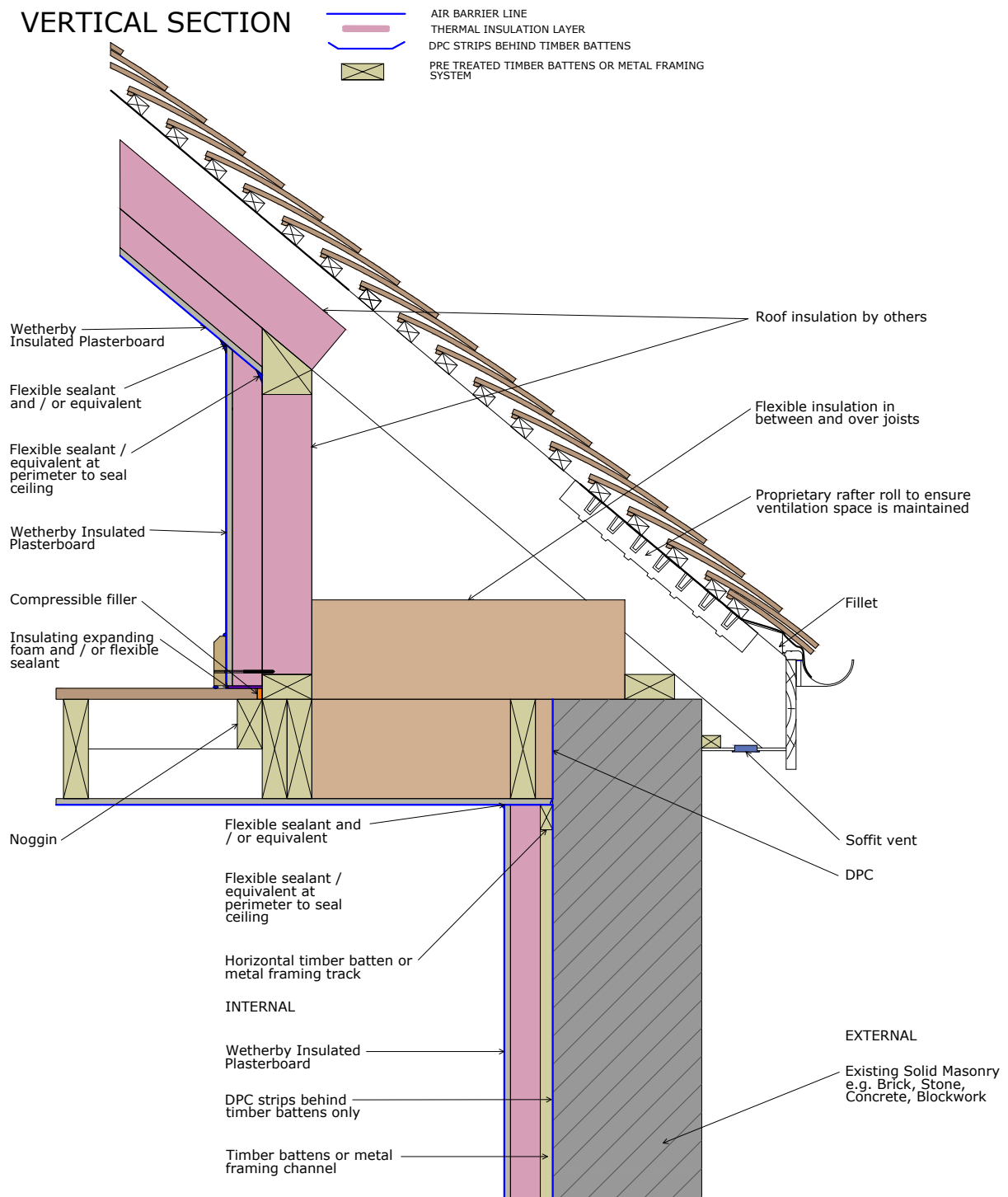
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

VERTICAL SECTION



drawing description.

Roof Abutment Detail (3 of 4)

drawing no.

TB-IWI-19C

project name.

Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

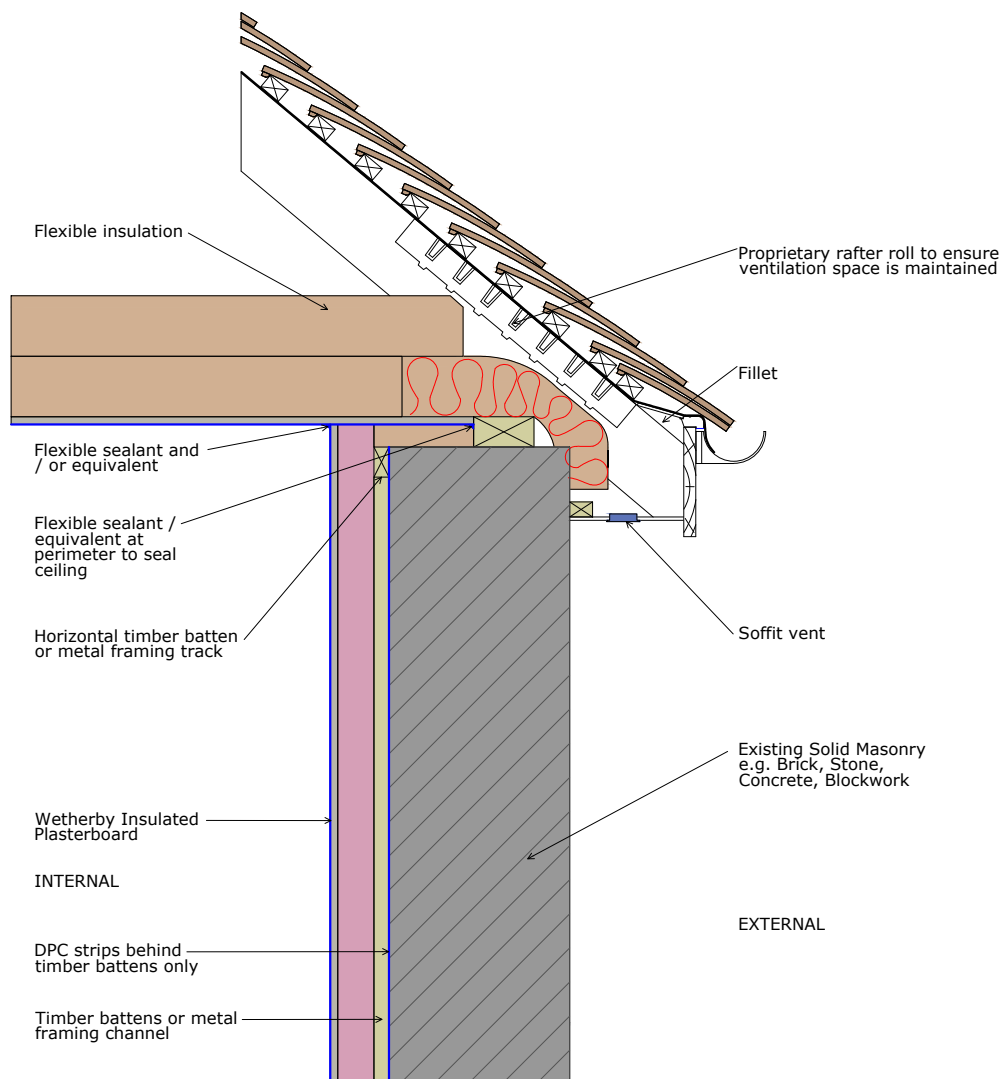
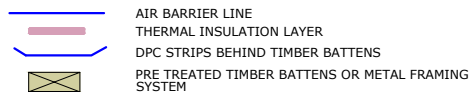
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

VERTICAL SECTION



drawing description.

Roof Abutment Detail (4 of 4)

drawing no.

TB-IWI-19D

project name.

Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

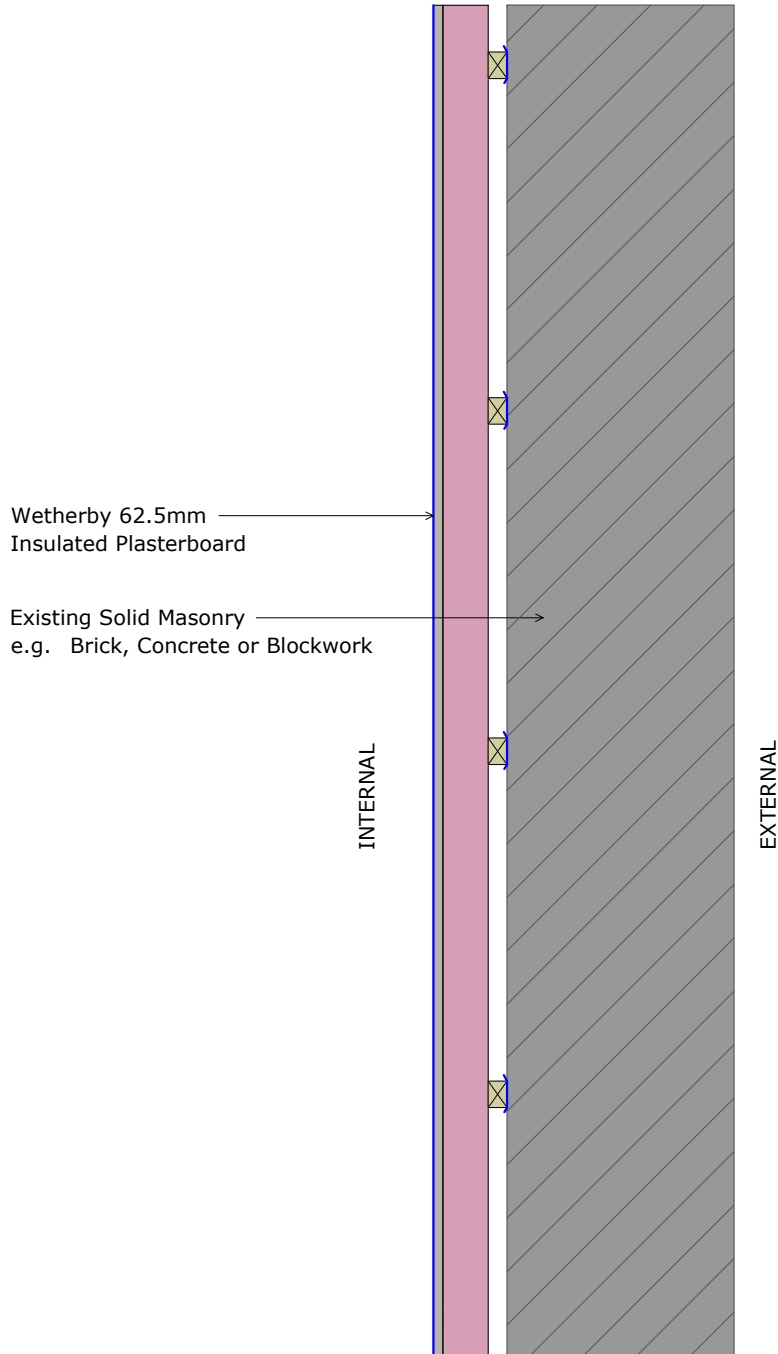
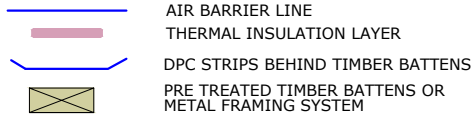
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
 Golborne, Greater Manchester, WA3 3GS
 Tel: 01942 717100 Fax: 01942 717101
 Web: www.wbs-ltd.co.uk
 E-mail: technical@wbs-ltd.co.uk
 © WBS-LTD 1998-2020. All rights reserved

PLAN VIEW



drawing description.
Section Through Detail (1 of 2)

drawing no.
TB-IWI-20A

project name.
Generic Detail Drawings

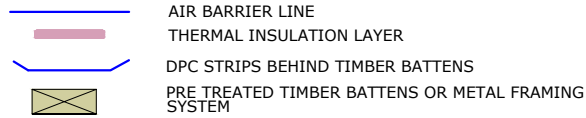
drawn by. LS
checked by. BS
revision. -
scale. nts
date. 16.07.2020
dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved

PLAN VIEW



Wetherby 32.5mm
Insulated Plasterboard

Existing Solid Masonry
e.g. Brick, Concrete or Blockwork

INTERNAL

EXTERNAL

drawing description.

Section Through Detail (2 of 2)

drawing no.

TB-IWI-20B

project name.

Generic Detail Drawings

drawn by. LS

checked by. BS

revision. -

scale. nts

date. 16.07.2020

dwg set. 10

Wetherby Building Systems Ltd



1 Kid Glove Road, Golborne Enterprise Park,
Golborne, Greater Manchester, WA3 3GS
Tel: 01942 717100 Fax: 01942 717101
Web: www.wbs-ltd.co.uk
E-mail: technical@wbs-ltd.co.uk
© WBS-LTD 1998-2020. All rights reserved