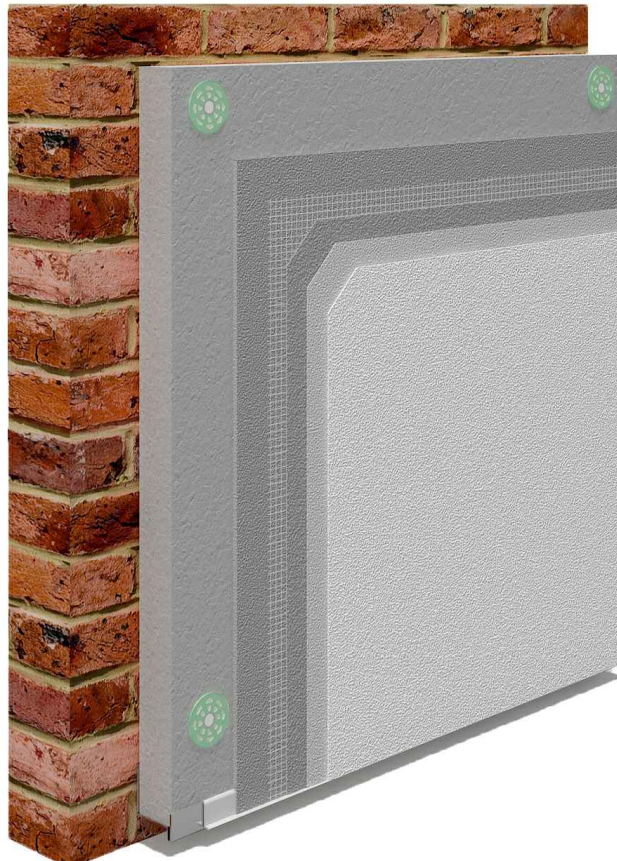




Wetherby Building Systems

External Wall Insulation Detail Drawings Insulation & Silicone Render Finish



The following Wetherby EWI detail drawing set is generic and is not be used for a specific project. Please contact Wetherby Technical to obtain a project specific detail drawing set.

Existing substrate

WBS approved mechanical fixing

WBS approved insulation board
(thickness to suit client requirements)

WBS scrim adhesive coat 4-6mm min

WBS alkali resistant glass
fibre reinforcing mesh

WBS scrim adhesive levelling
coat 2-3mm min finished smooth

WBS silicone primer
(colour to match silicone topcoat)

WBS silicone finish coat
(grain size and colour to clients approval)



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drawing. **Isometric - System build up**

date. Nov 2019

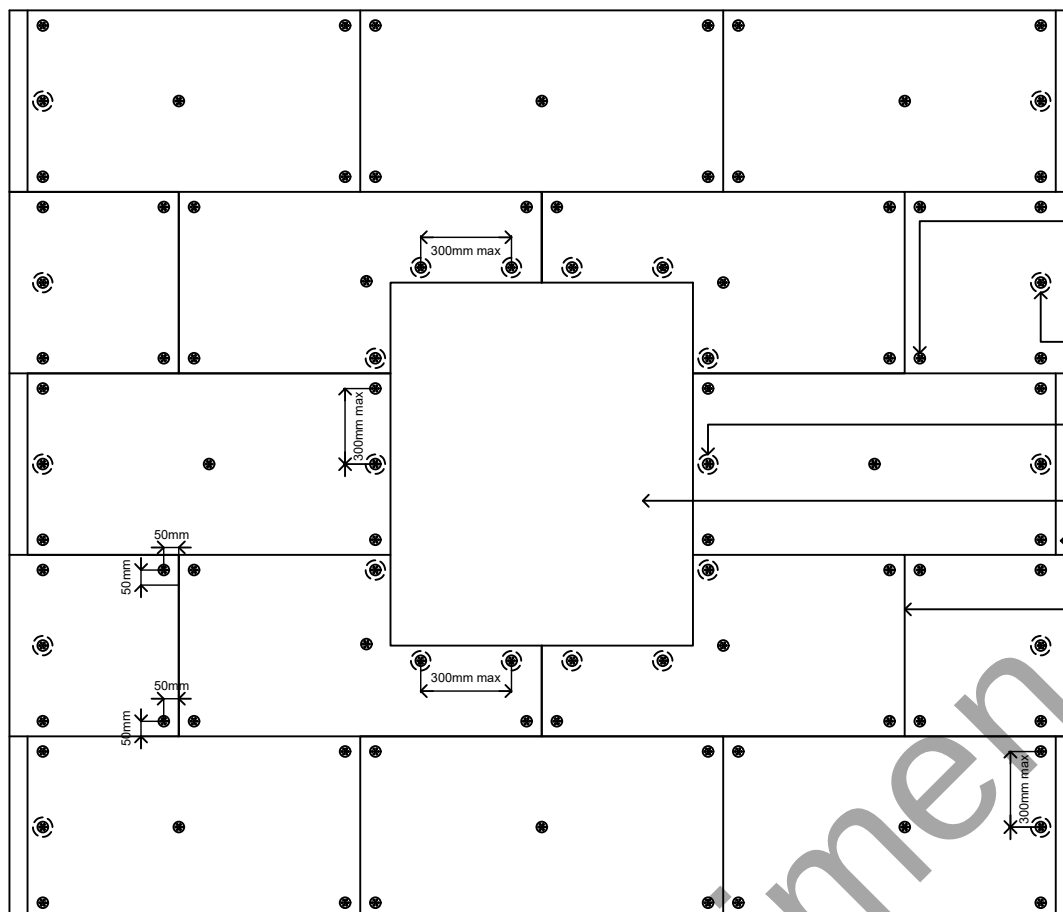
revision. -

drawn by. LS

scale. nts

drawing no. **EWI-SILICONE-01**

drawing set. 04



WBS approved insulation fixings
1 in each corner of the board set
in 50mm in each direction and 1
in the centre of each board

Fixings at a maximum of 300mm
centres at building corner

Fixings at a maximum of 300mm
centres around all openings

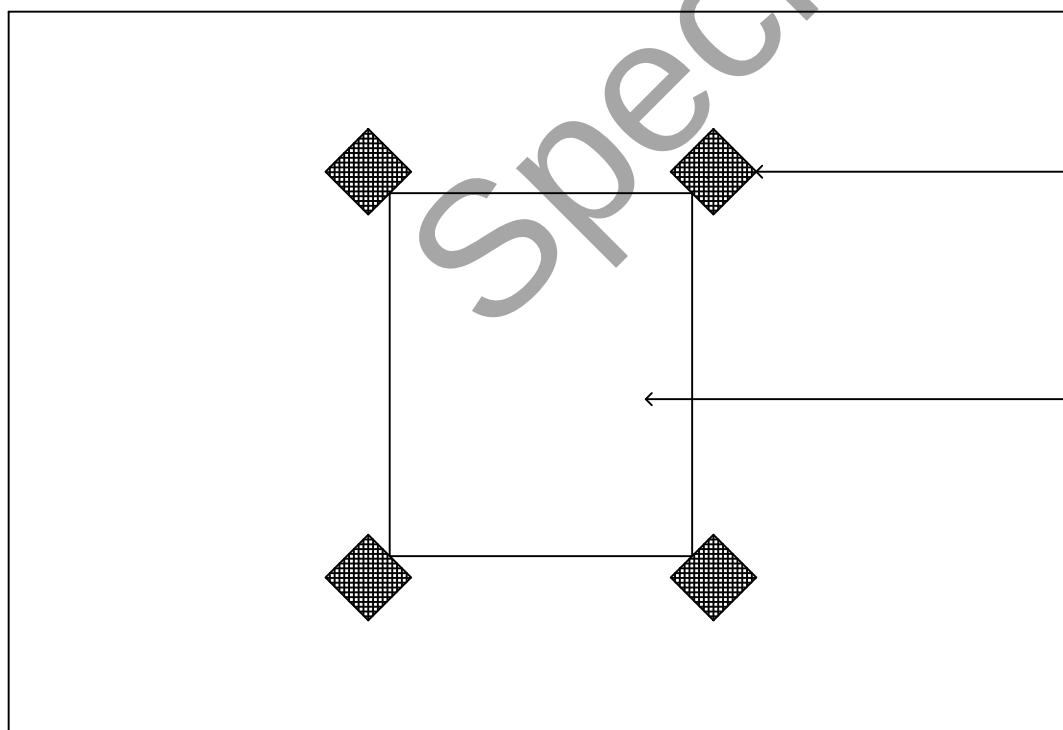
Window / door opening

Staggered insulation board
joints at building corner

1200x600mm WBS
approved insulation boards

N.B. 1 fixing per m² must be installed
through the glass fibre mesh where
mineral fibre is the chosen insulant.
100 x 100mm scrim patch to be
applied over fixing head

Stainless steel secondary fixings are
required on all buildings 3 storeys
and above



200x200mm glass fibre reinforcing
mesh scrim bedded in adhesive to
all window/door corners on top of
main reinforcing coat

Window / door opening

drawing. Fixing arrangement

date. Nov 2019

revision. -

drawn by. LS

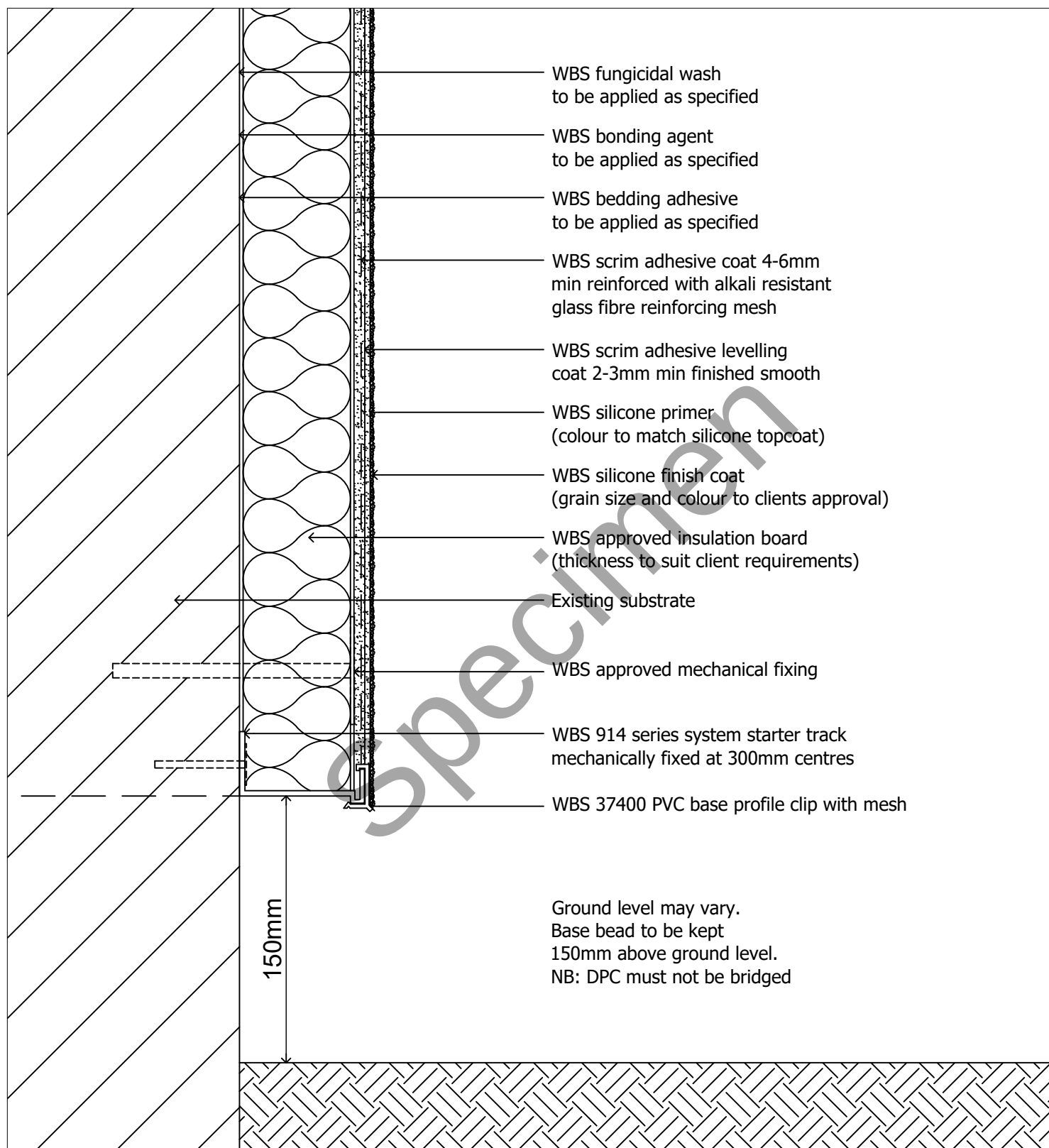
scale. nts

drawing no. **EWI-SILICONE-02**

drawing set. 04



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drawing. **Base bead detail**

date. **Nov 2019**

revision. -

drawn by. **LS**

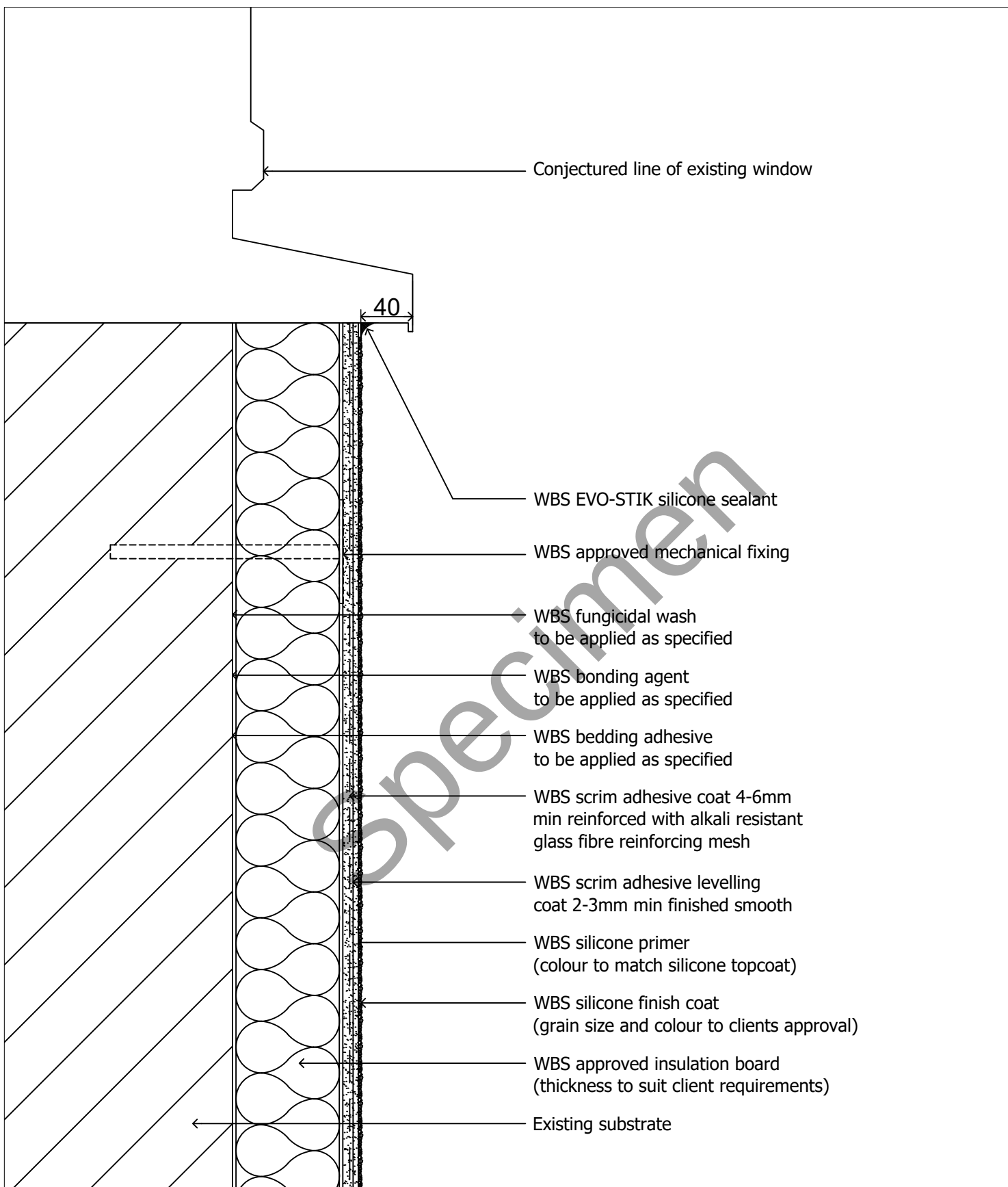
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drawing no. **EWI-SILICONE-03**

drawing set. **04**



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drawing. **Window cill detail**

date. **Nov 2019**

revision. -

drawn by. LS

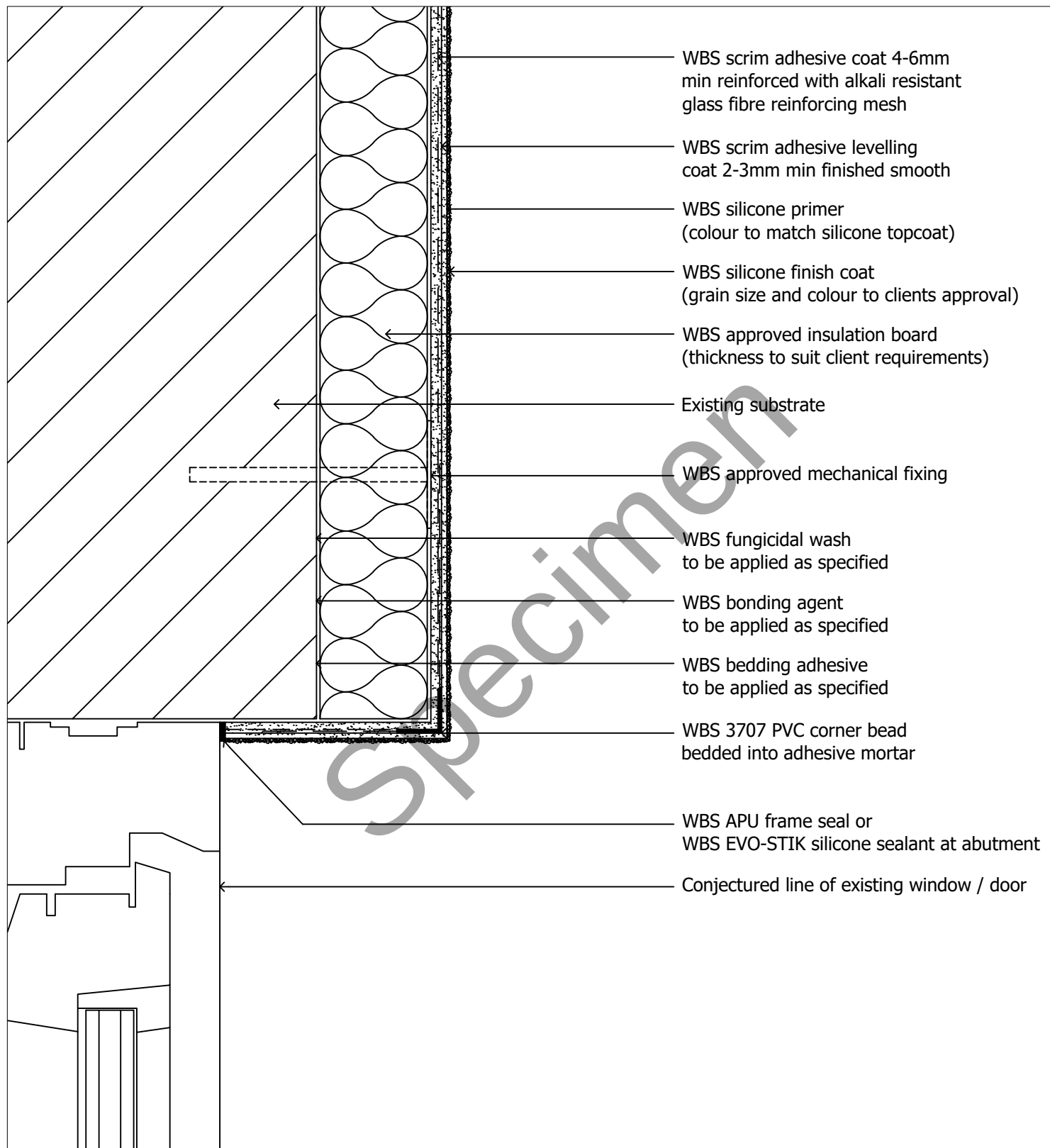
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drawing no. **EWI-SILICONE-04**

drawing set. **04**



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drawing. **Window / Door head detail 1 of 2**

date. Nov 2019

revision. -

drawn by. LS

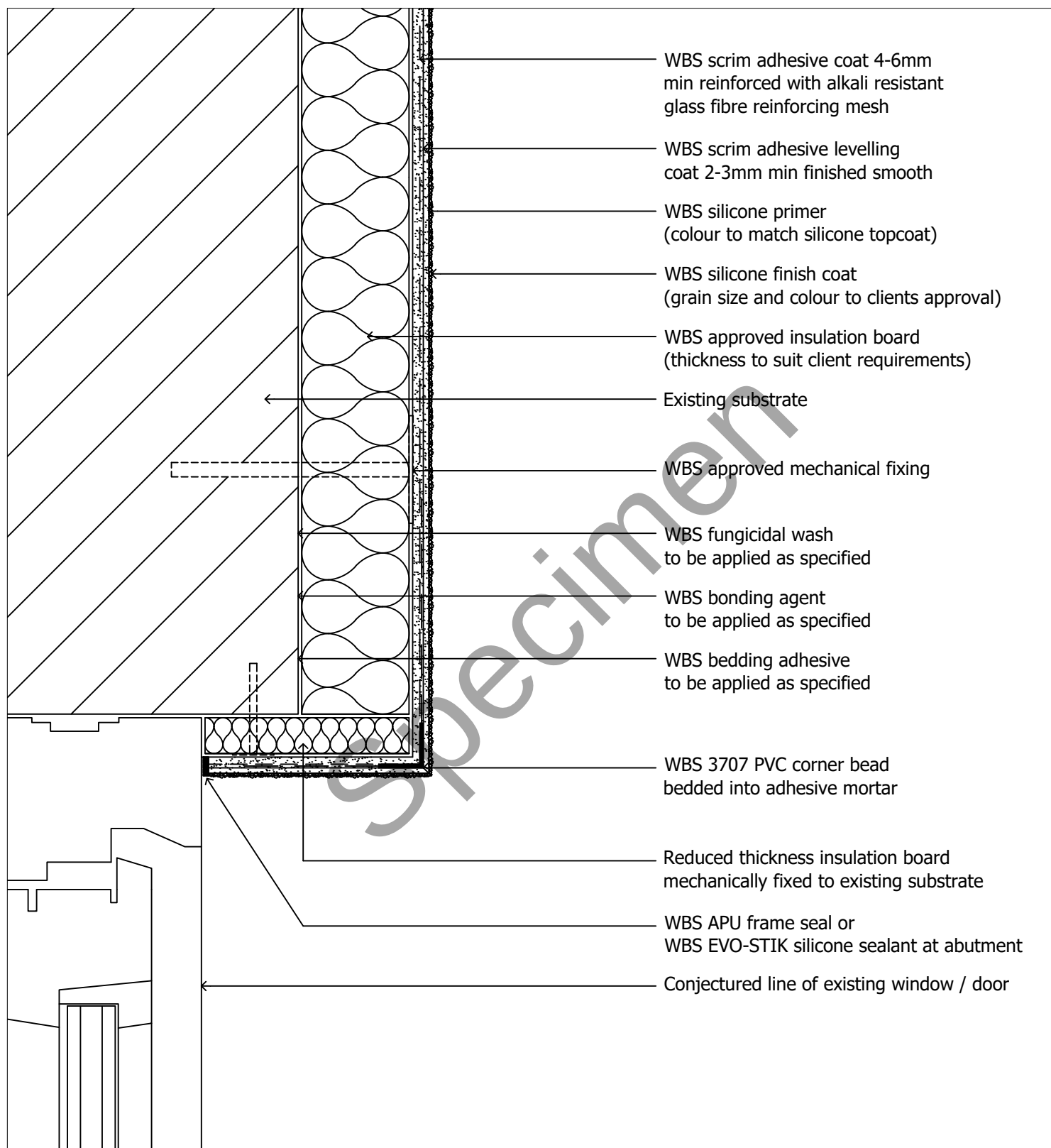
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drawing no. **EWI-SILICONE-05A**

drawing set. 04



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drawing. **Window / Door head detail 2 of 2**

date. Nov 2019

revision. -

drawn by. LS

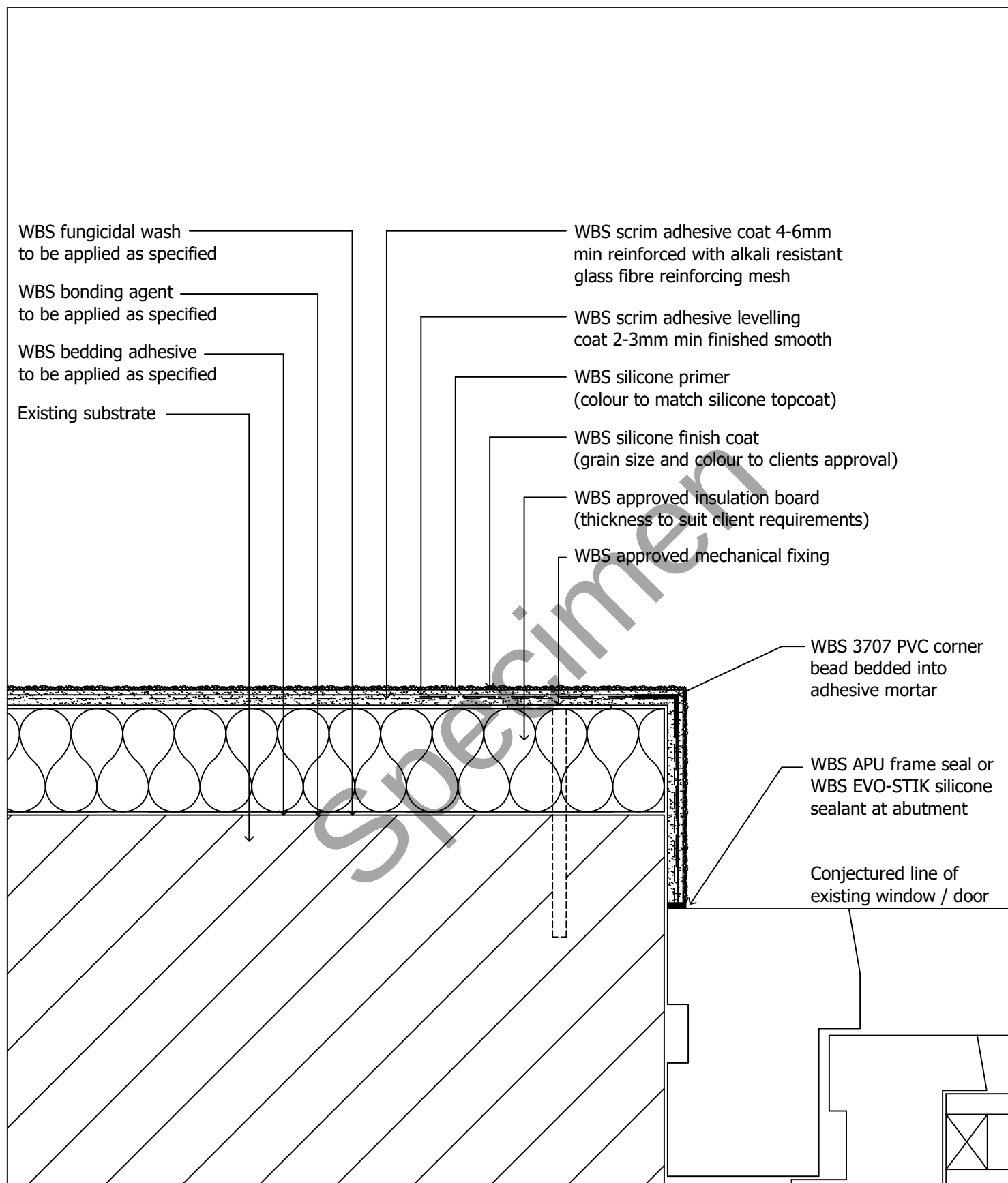
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drawing no. **EWI-SILICONE-05B**

drawing set. 04



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drawing. **Window / Door jamb detail 1 of 2**

date. Nov 2019

revision. -

drawn by. LS

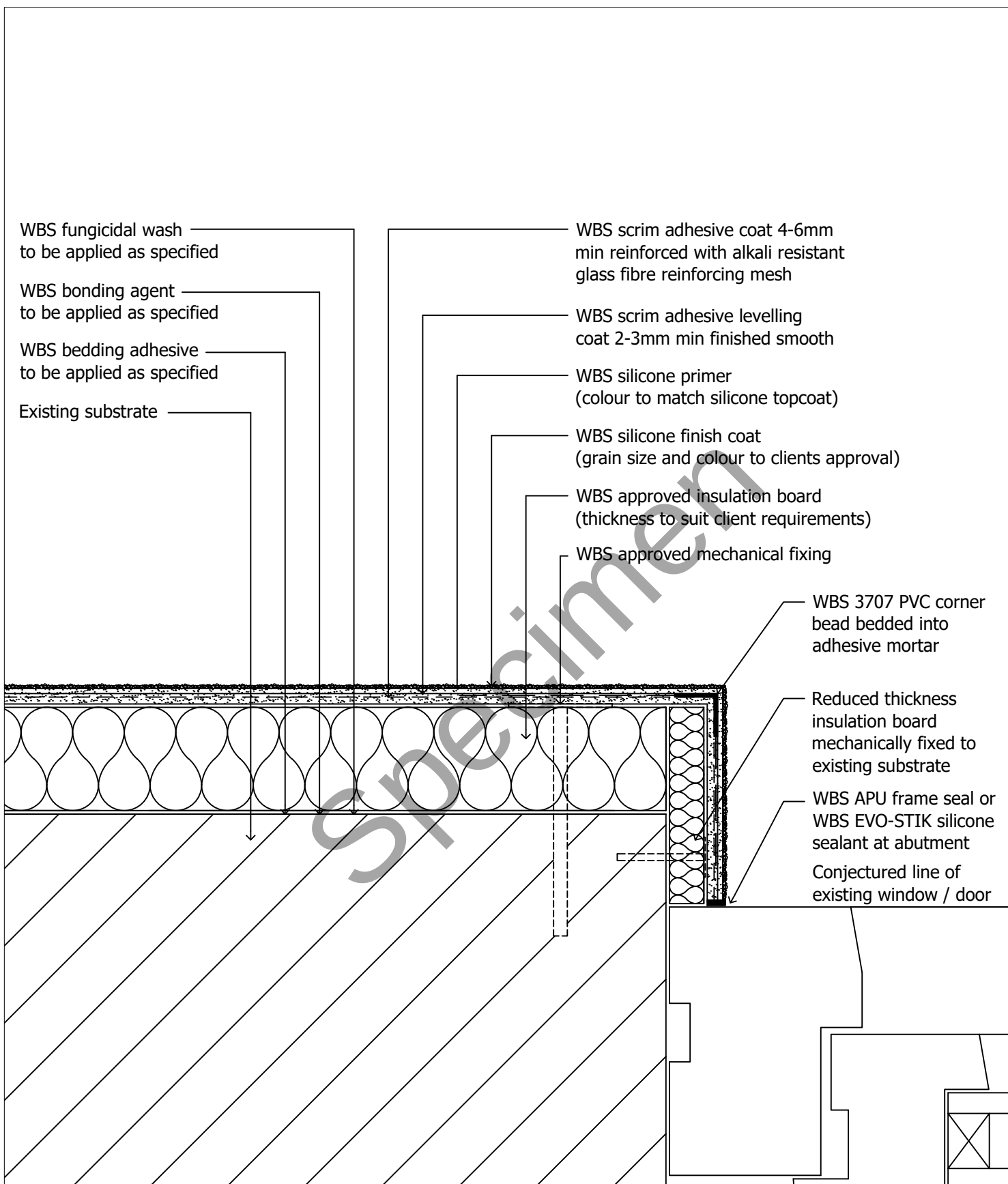
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drawing no. **EWI-SILICONE-06A**

drawing set. 04



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drawing. **Window / Door jamb detail 2 of 2**

date. Nov 2019

revision. -

drawn by. LS

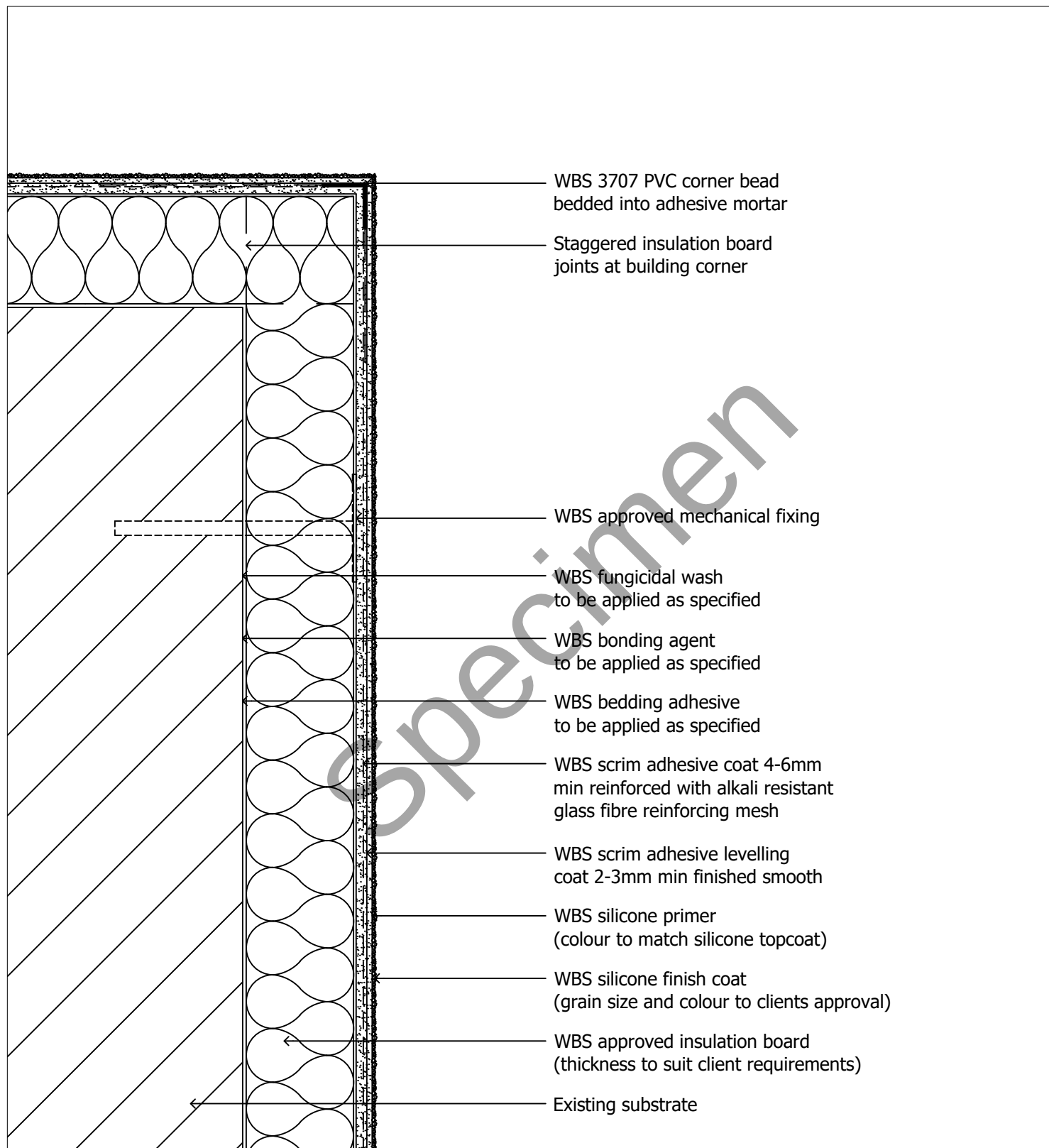
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drawing no. **EWI-SILICONE-06B**

drawing set. 04



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drawing. **Building corner detail**

date. **Nov 2019**

revision. -

drawn by. **LS**

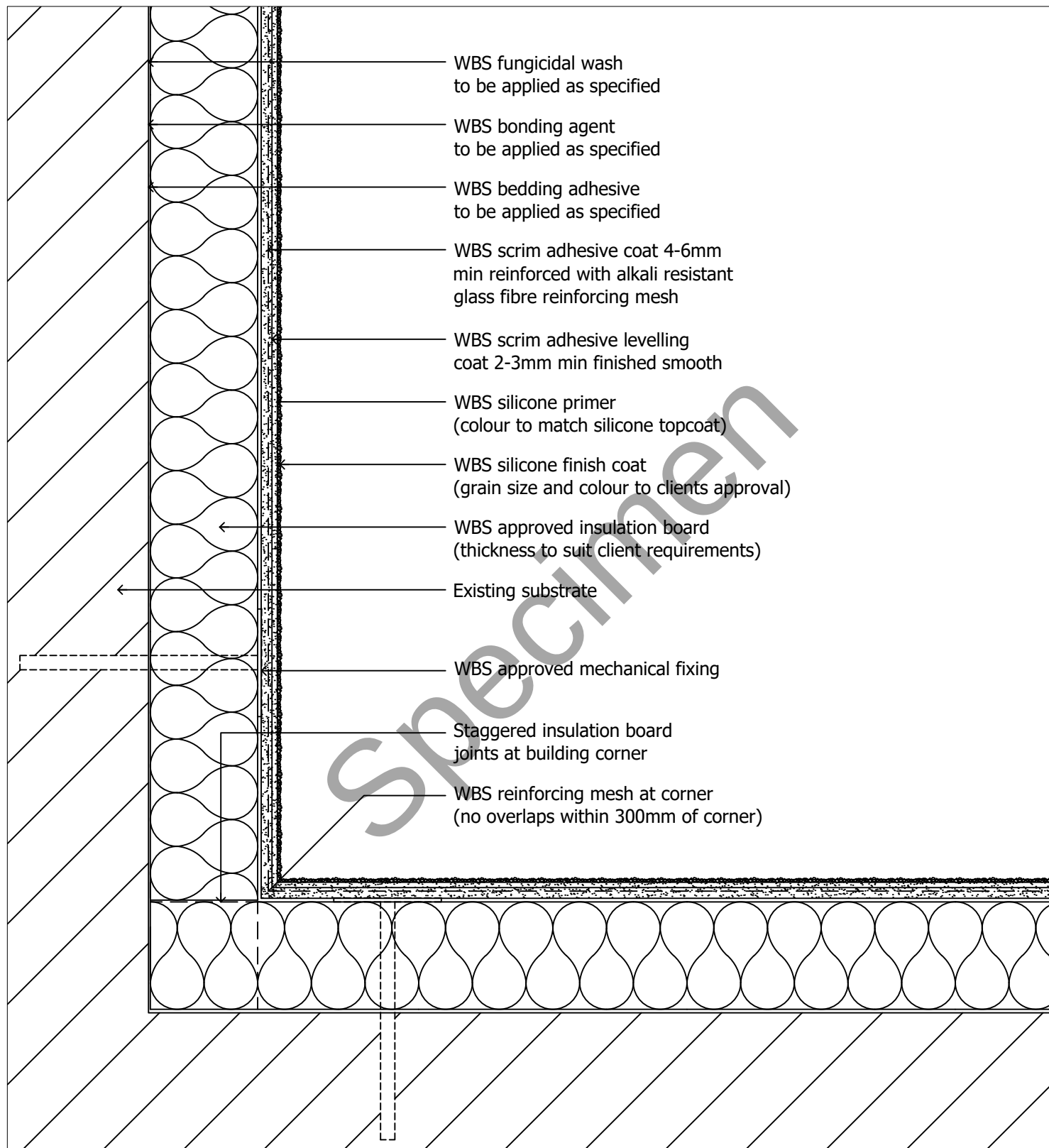
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drawing no. **EWI-SILICONE-07A**

drawing set. **04**



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drawing. **Internal building corner detail**

date. Nov 2019

revision. -

drawn by. LS

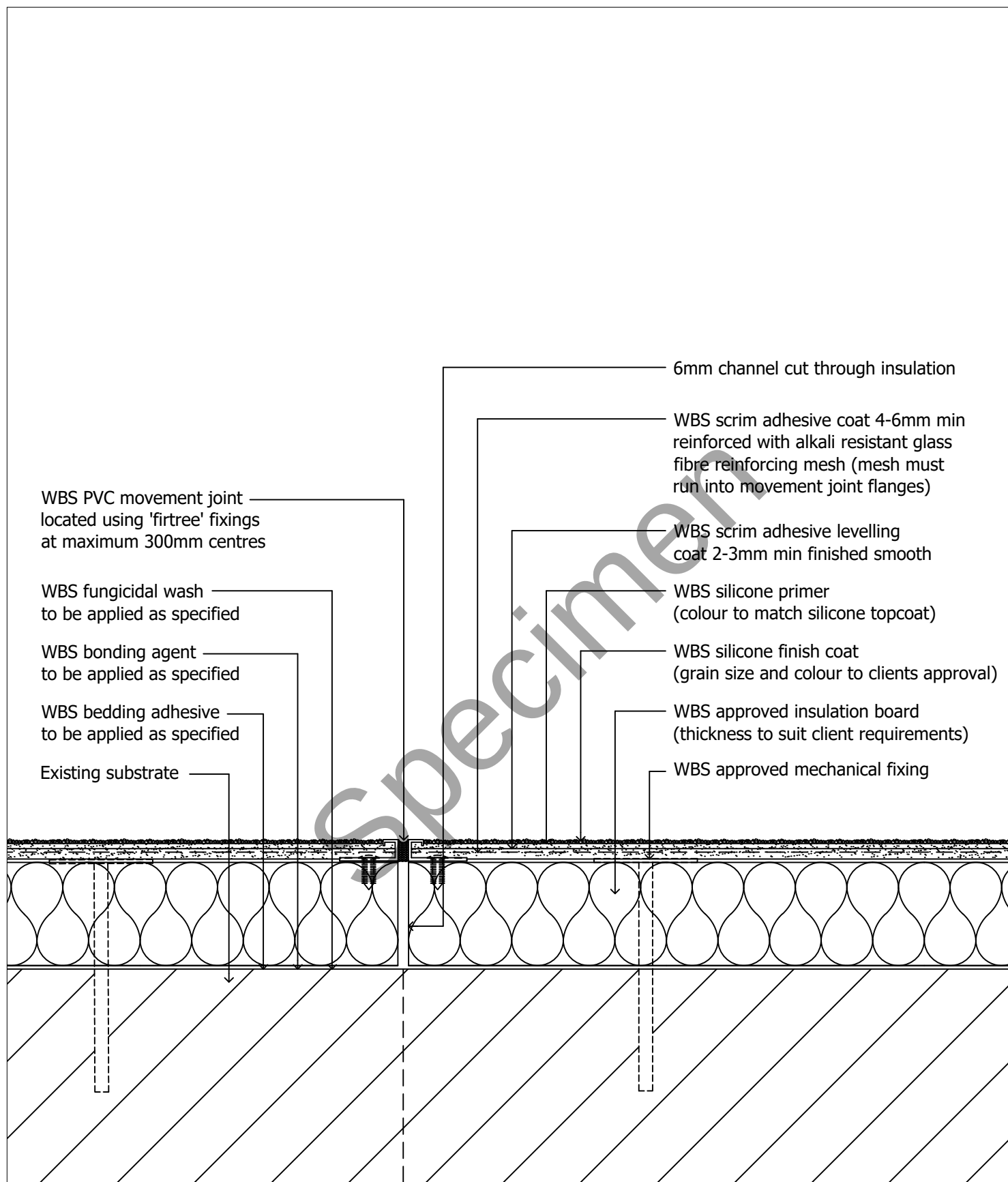
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drawing no. **EWI-SILICONE-07B**

drawing set. 04



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drawing. **Movement joint detail**

date. **Nov 2019**

revision. -

drawn by. LS

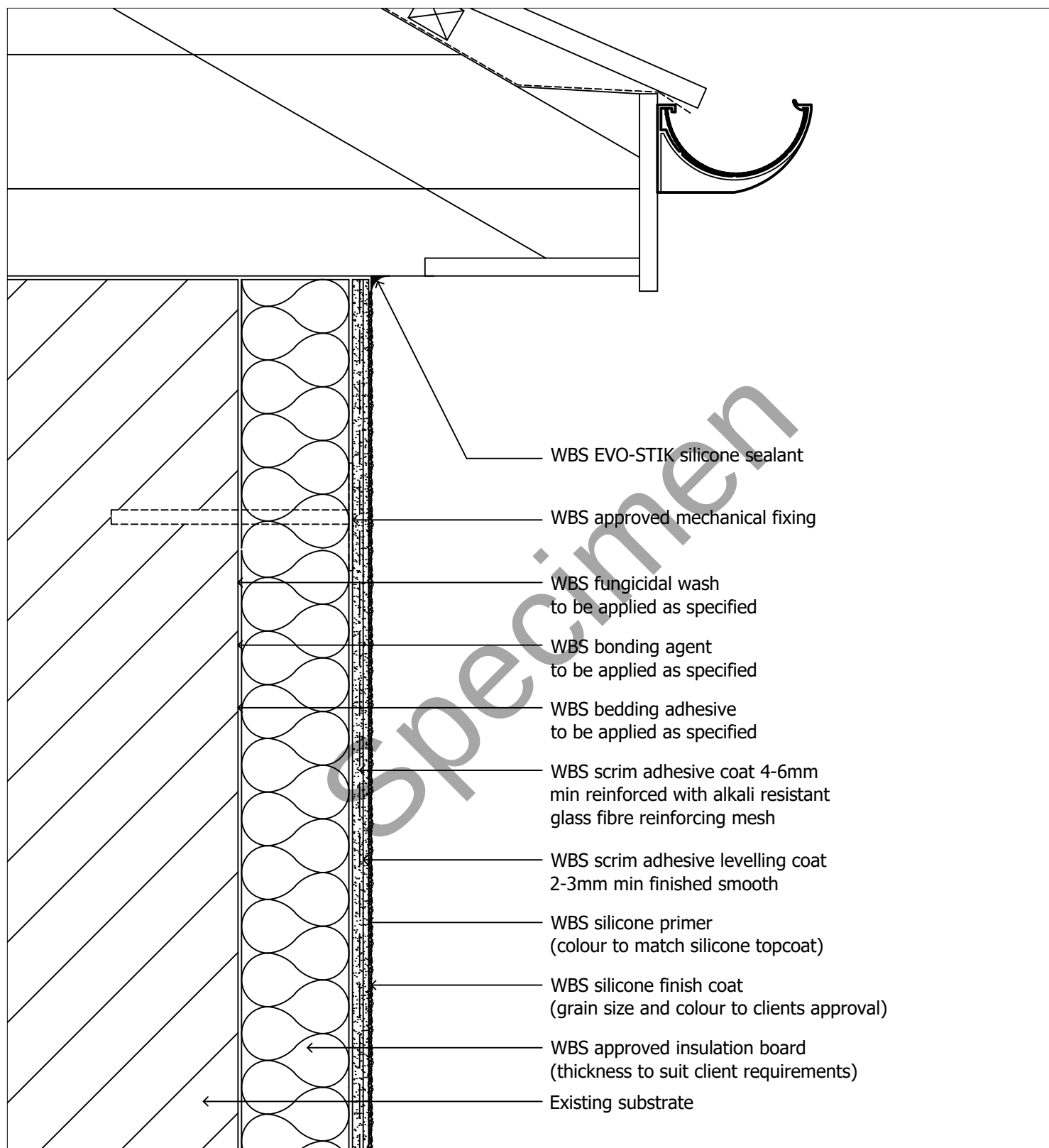
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drawing no. **EWI-SILICONE-08**

drawing set. **04**



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drawing. **Roof abutment detail**

date. **Nov 2019**

revision. -

drawn by. **LS**

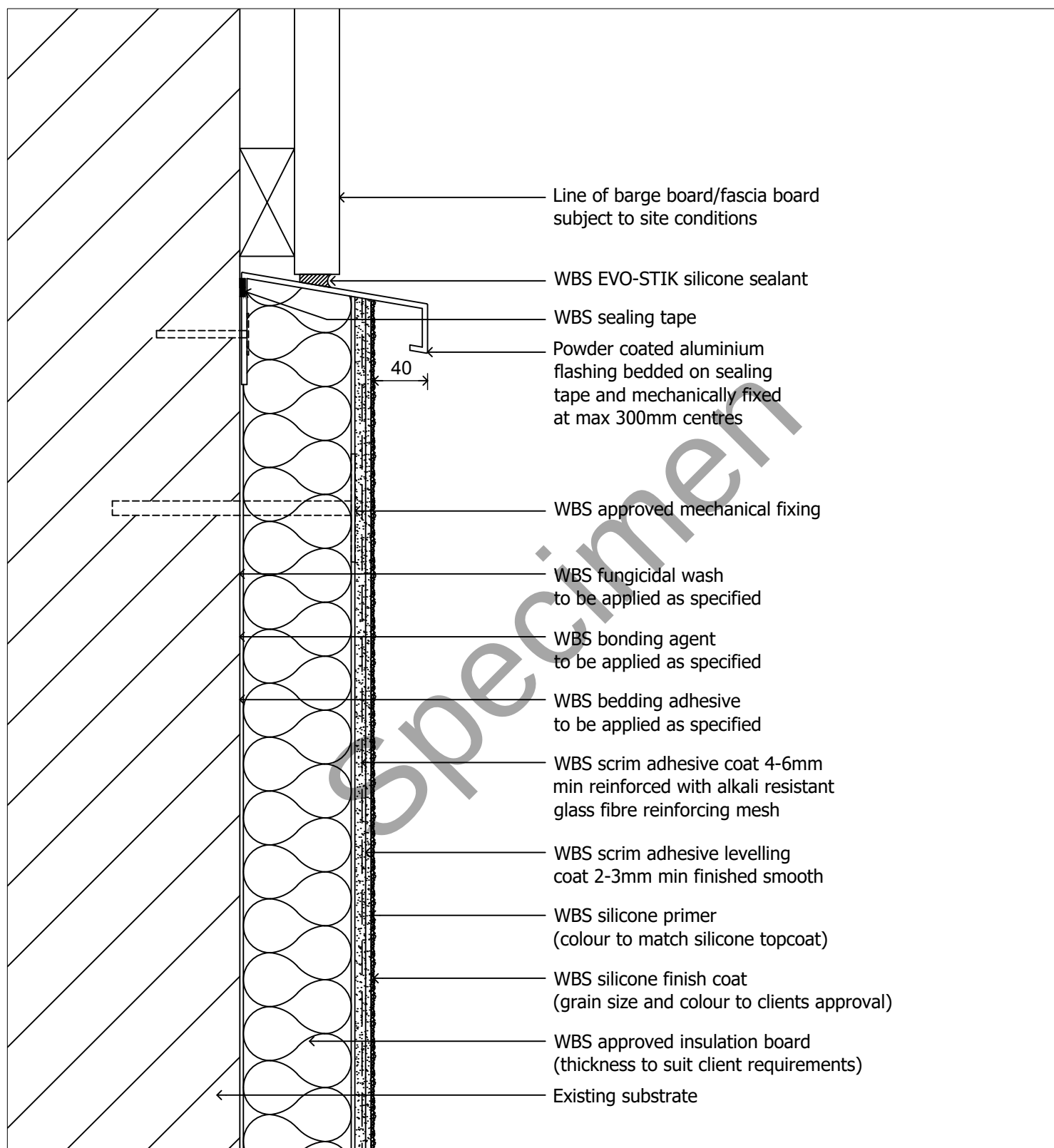
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drawing no. **EWI-SILICONE-09**

drawing set. **04**



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drawing. **Verge trim detail 1 of 2**

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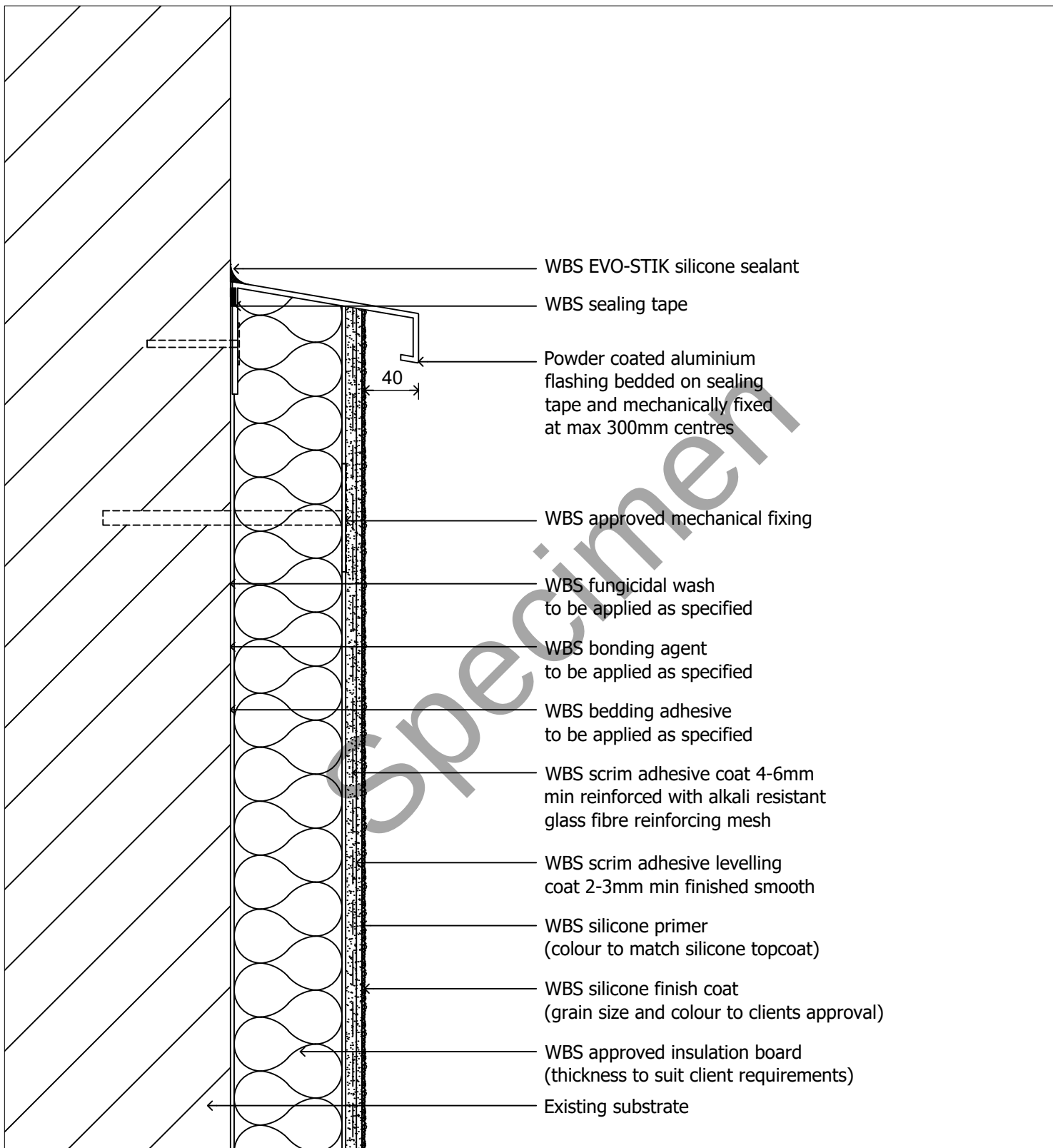
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drawing no. **EWI-SILICONE-10A**

drawing set. **04**



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drawing. **Verge trim detail 2 of 2**

date. **Nov 2019**

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drawn by. **LS**

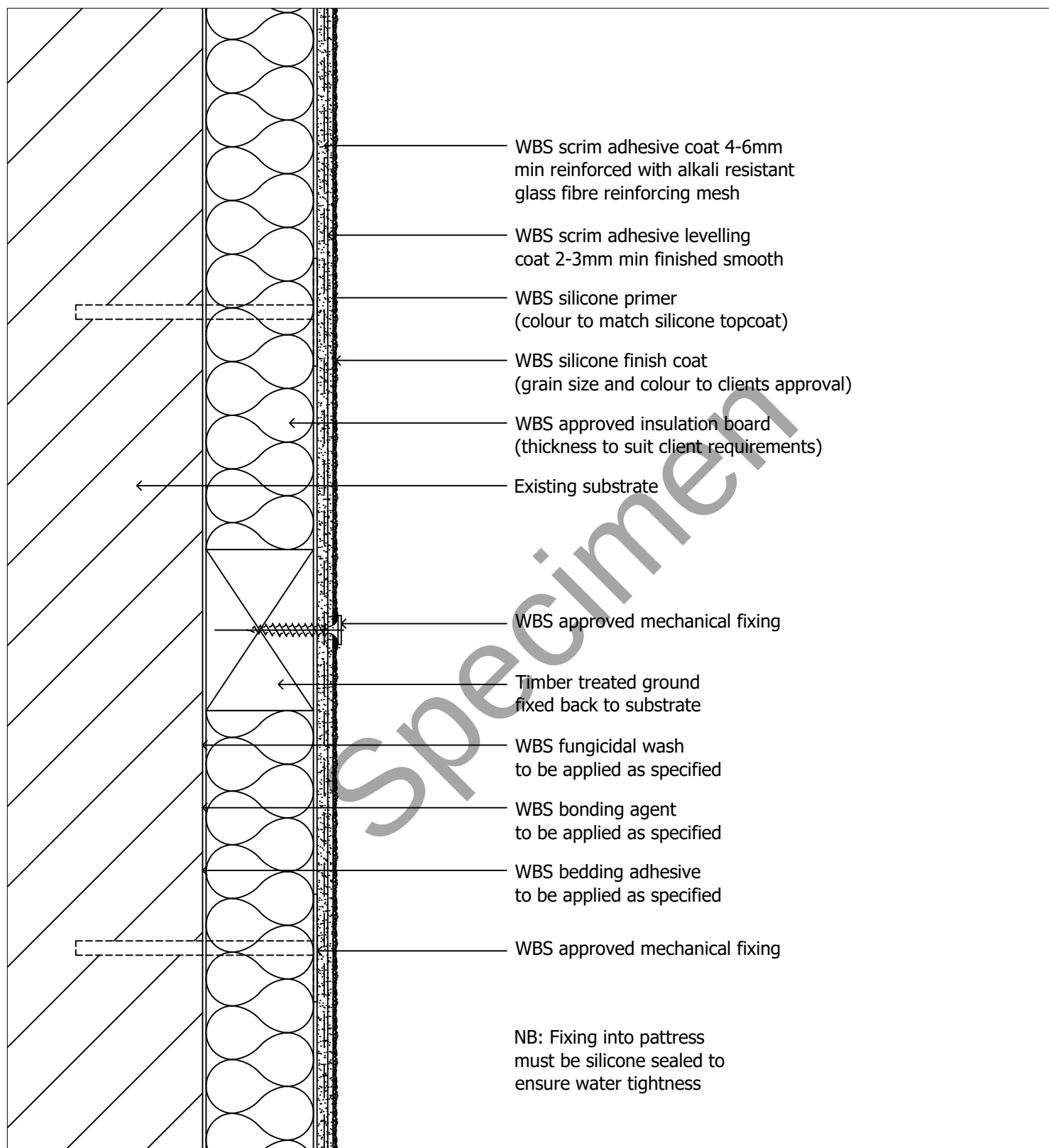
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drawing no. **EWI-SILICONE-10B**

drawing set. **04**



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drawing. **Timber pattress detail**

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revision. -

drawn by. LS

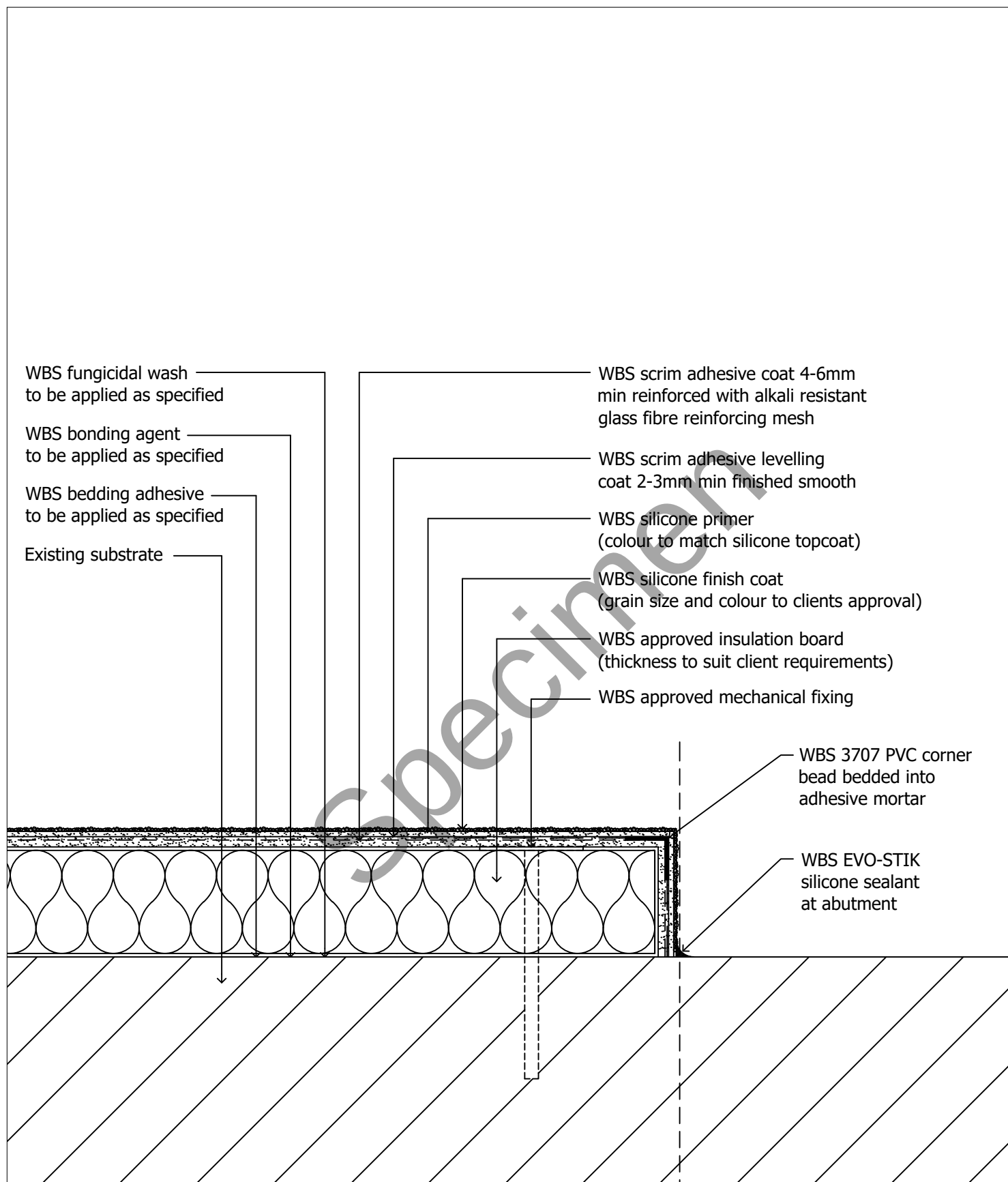
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drawing no. **EWI-SILICONE-11**

drawing set. **04**



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drawing. **Party wall detail 1 of 2**

date. **Nov 2019**

revision. -

drawn by. **LS**

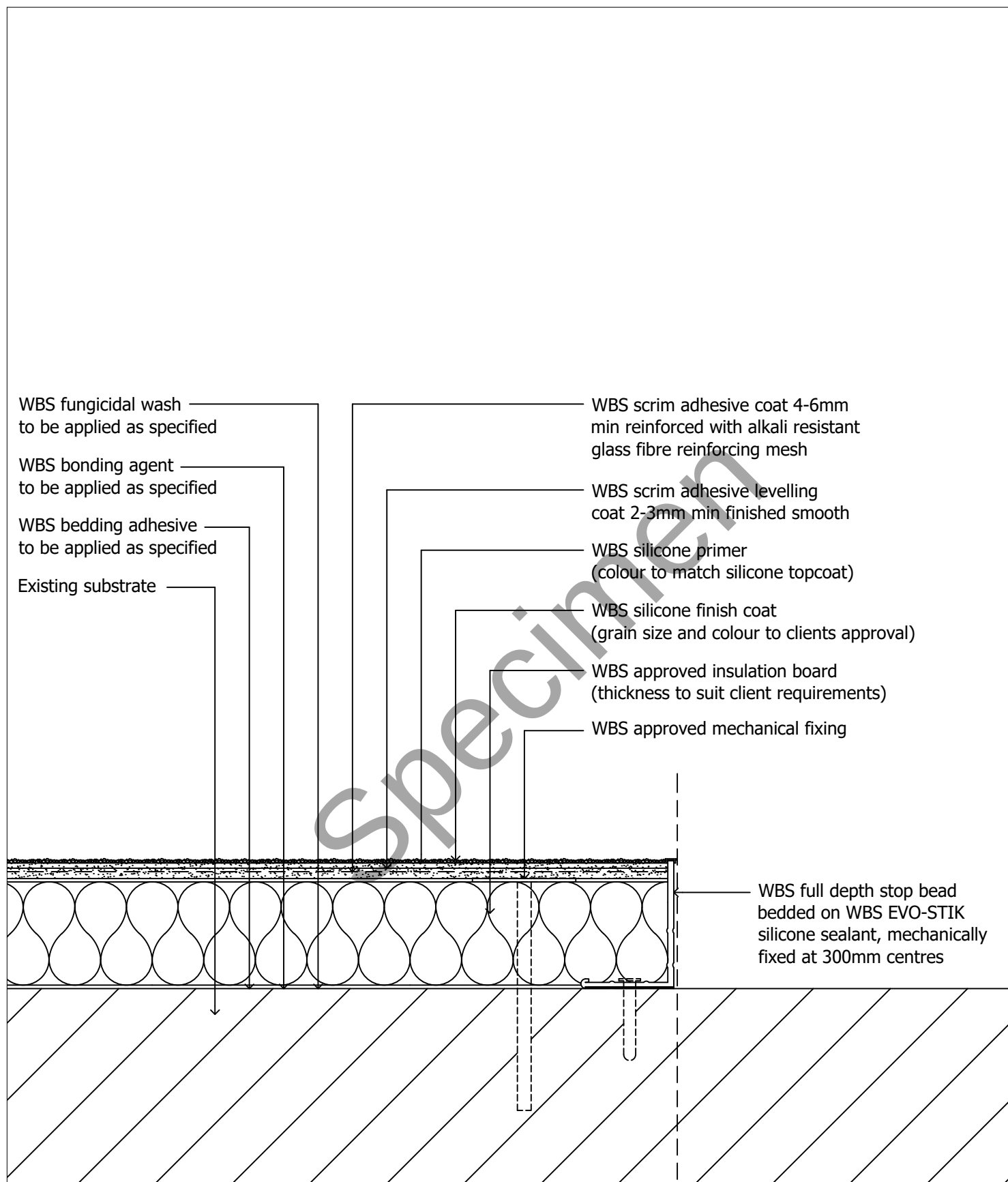
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drawing no. **EWI-SILICONE-12A**

drawing set. **04**



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drawing. **Party wall detail 2 of 2**

date. **Nov 2019**

revision. -

drawn by. **LS**

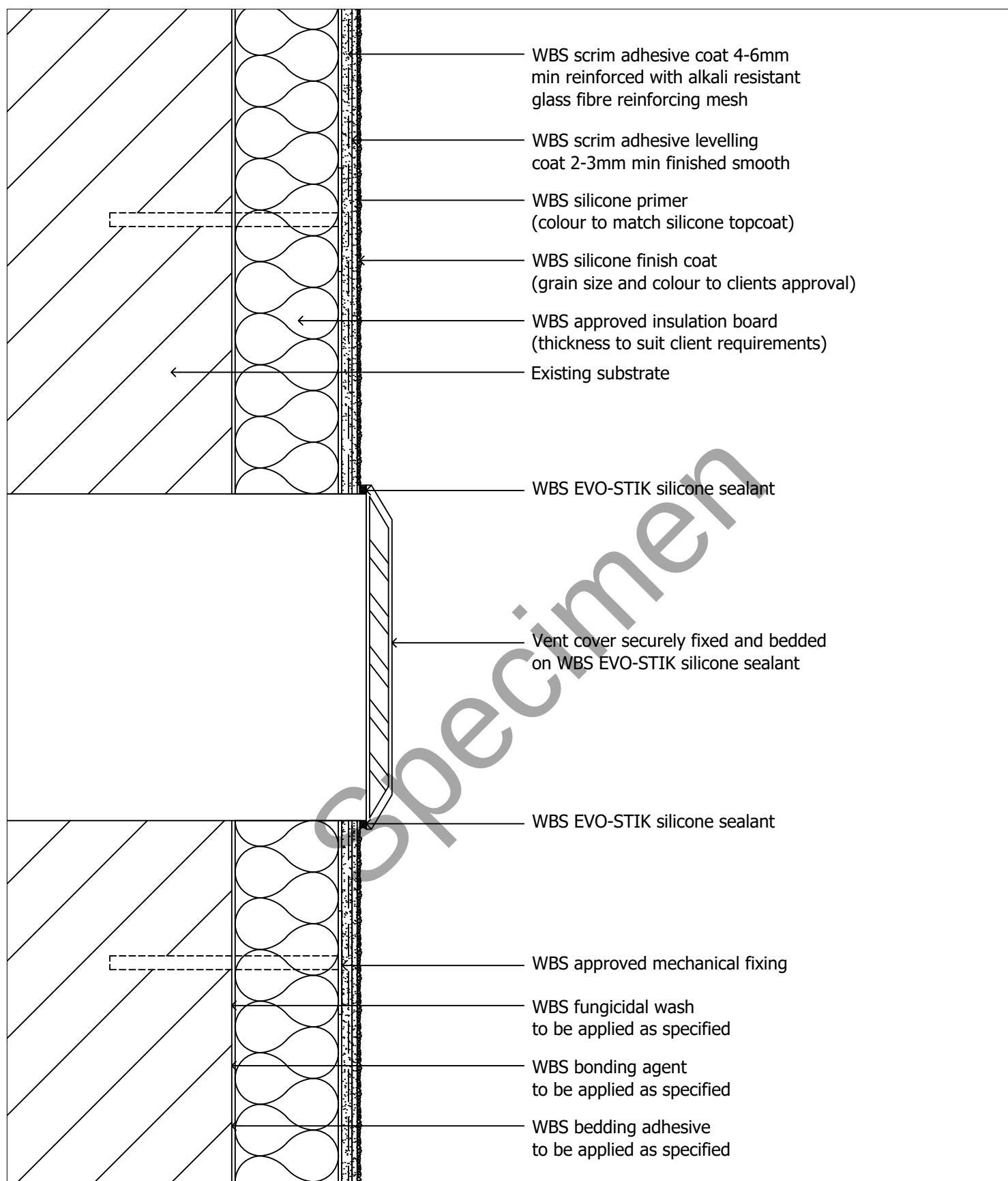
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drawing set. **04**



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drawing. **Air vent detail**

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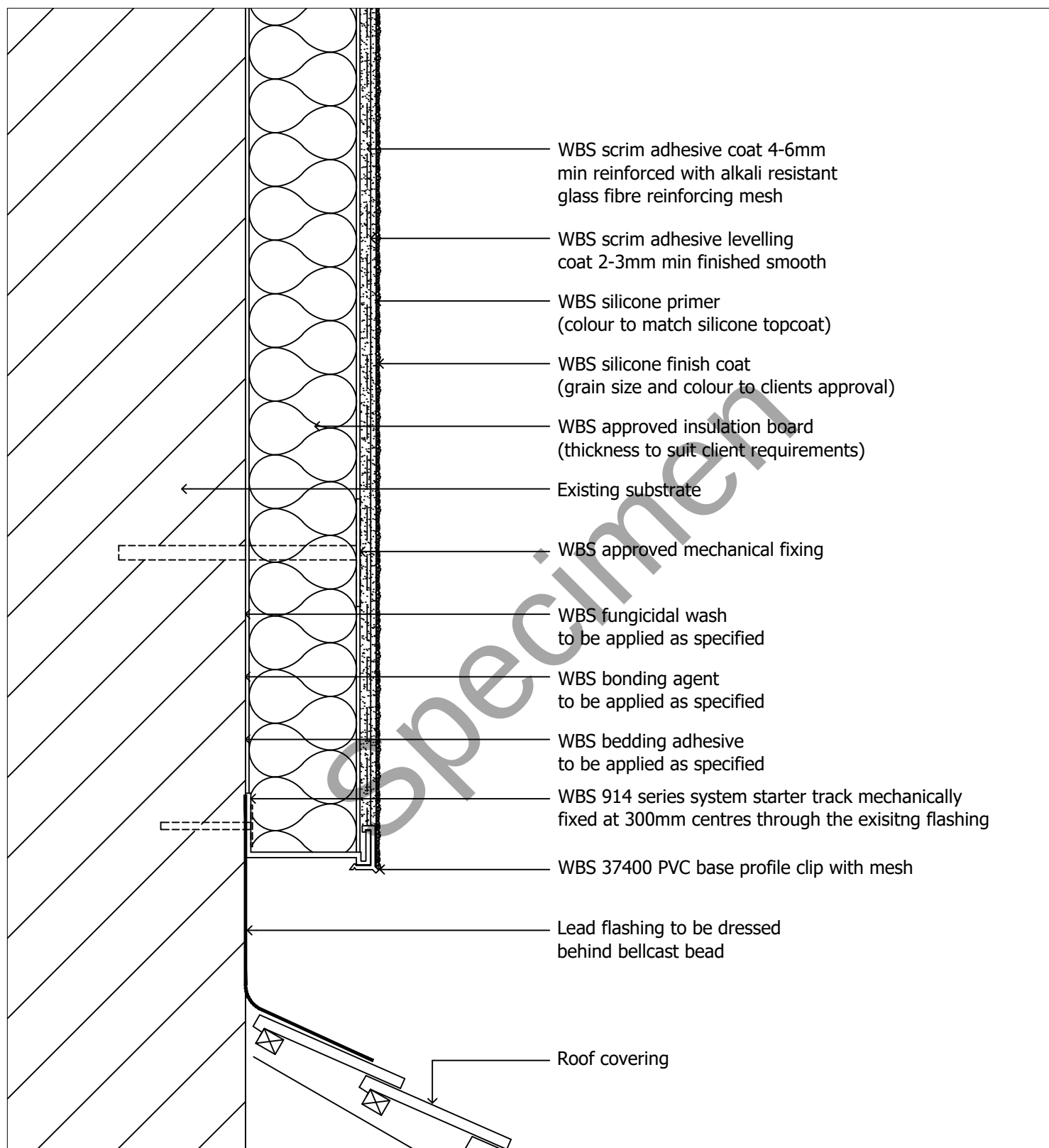
scale. **nts**

drawing no. **EWI-SILICONE-13**

drawing set. **04**



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drawing. **Roof junction detail 1 of 2**

date. Nov 2019

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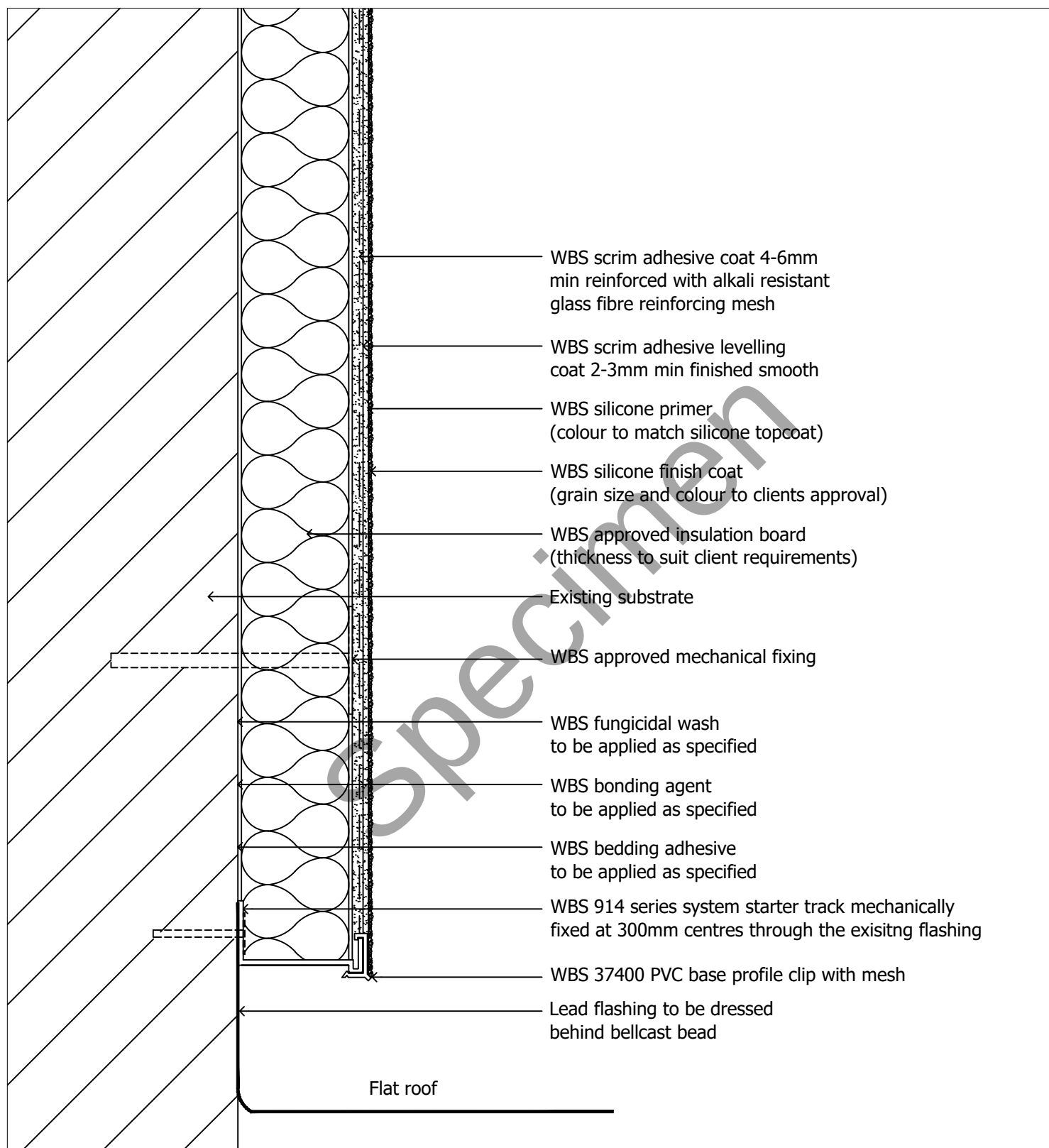
scale. nts

drawing no. **EWI-SILICONE-14A**

drawing set. 04



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drawing. **Roof junction detail 2 of 2**

date. **Nov 2019**

revision. -

drawn by. **LS**

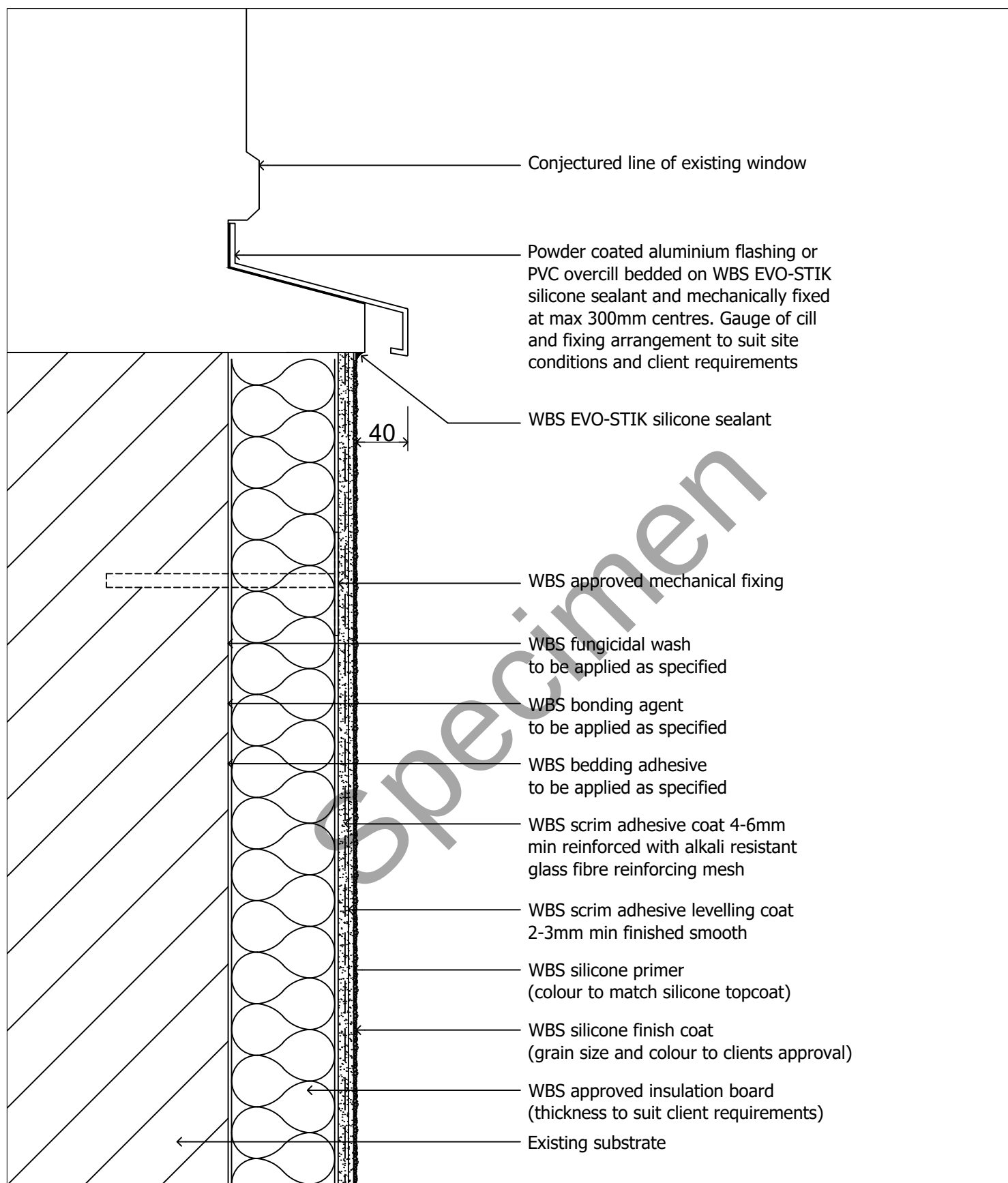
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drawing no. **EWI-SILICONE-14B**

drawing set. **04**



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drawing. **Overcill detail**

date. **Nov 2019**

revision. -

drawn by. **LS**

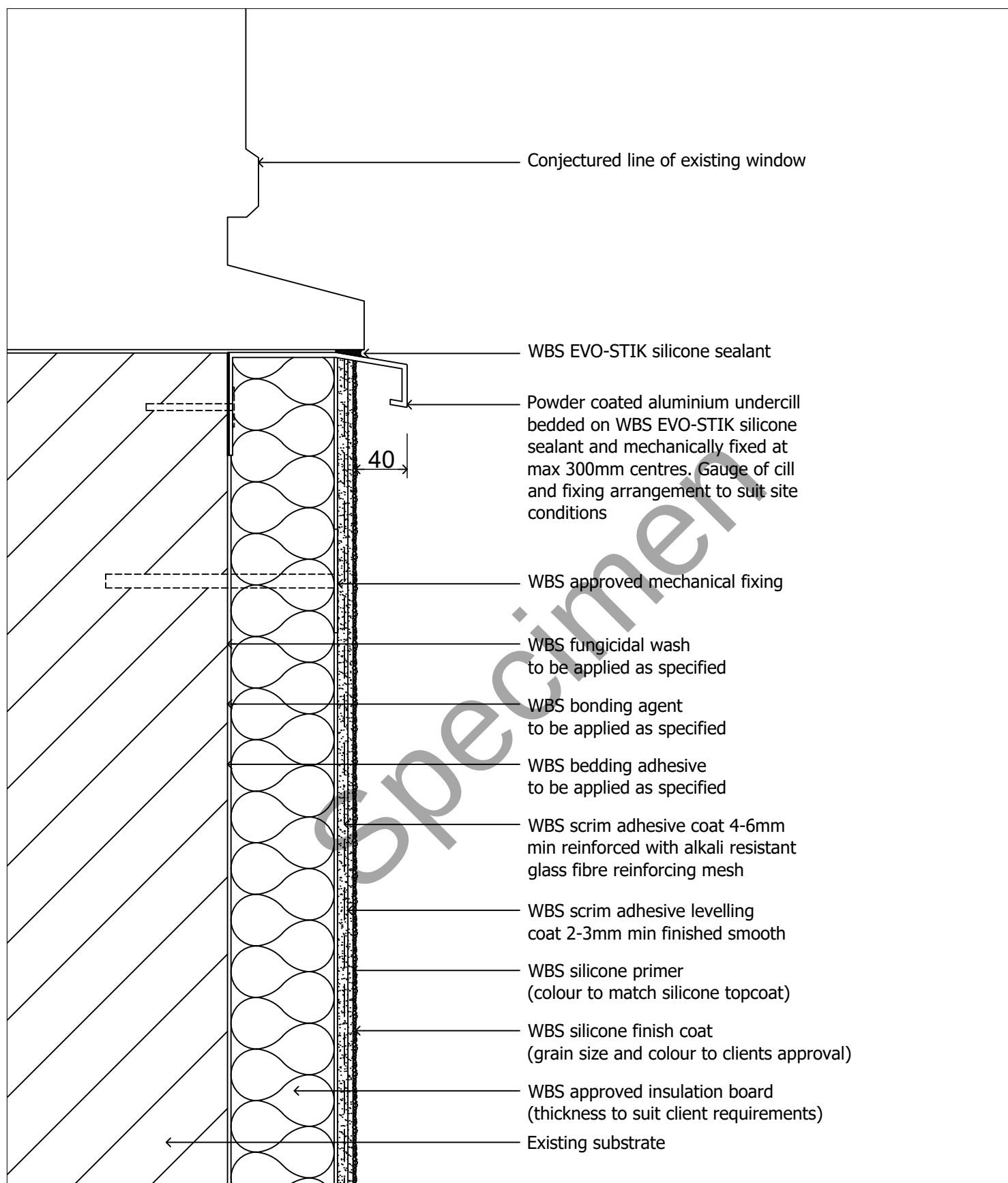
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drawing no. **EWI-SILICONE-15**

drawing set. **04**



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drawing. **Undercill detail**

date. **Nov 2019**

revision. -

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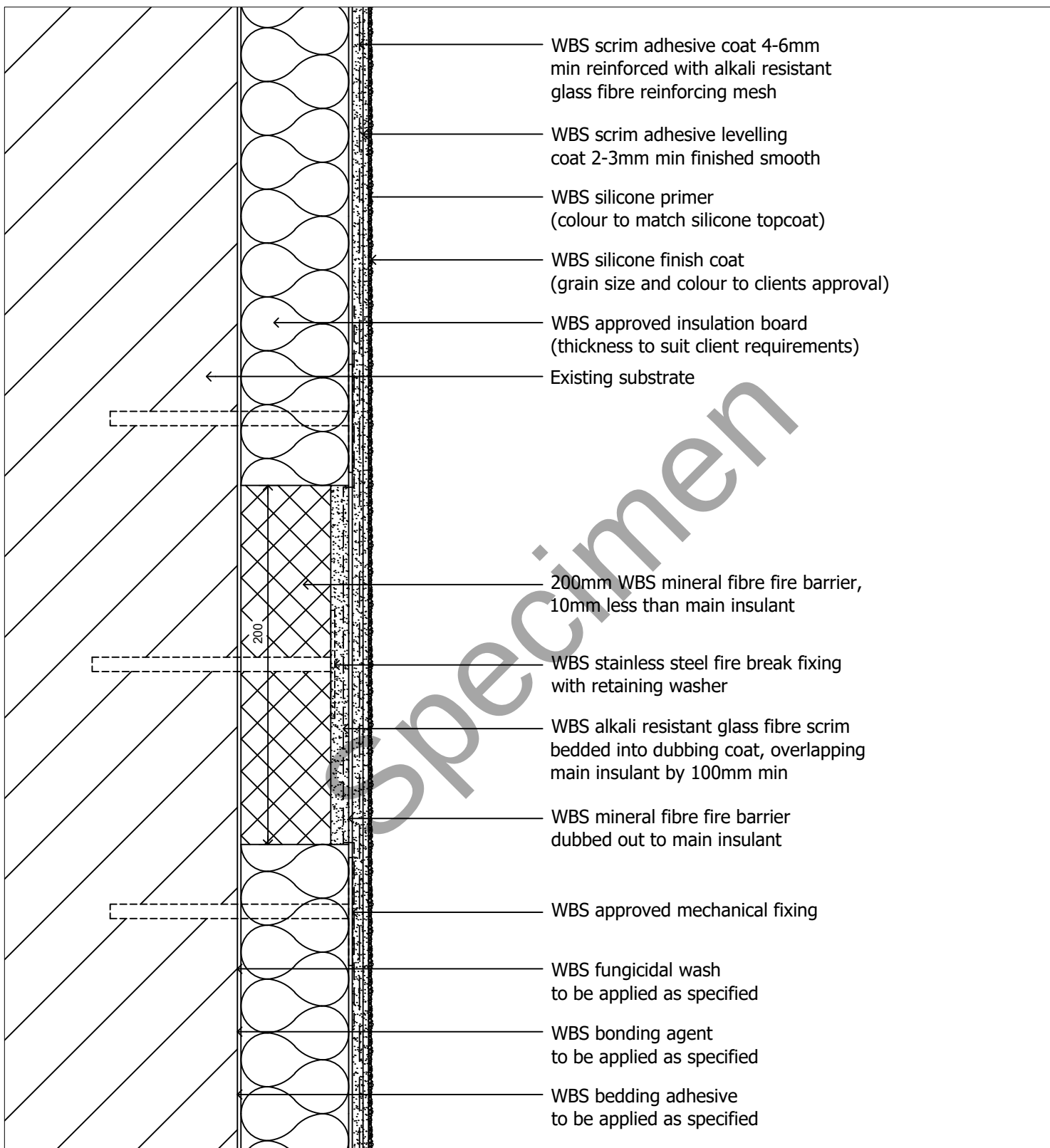
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drawing no. **EWI-SILICONE-16**

drawing set. **04**



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drawing. **Fire barrier detail**

date. **Nov 2019**

revision. -

drawn by. LS

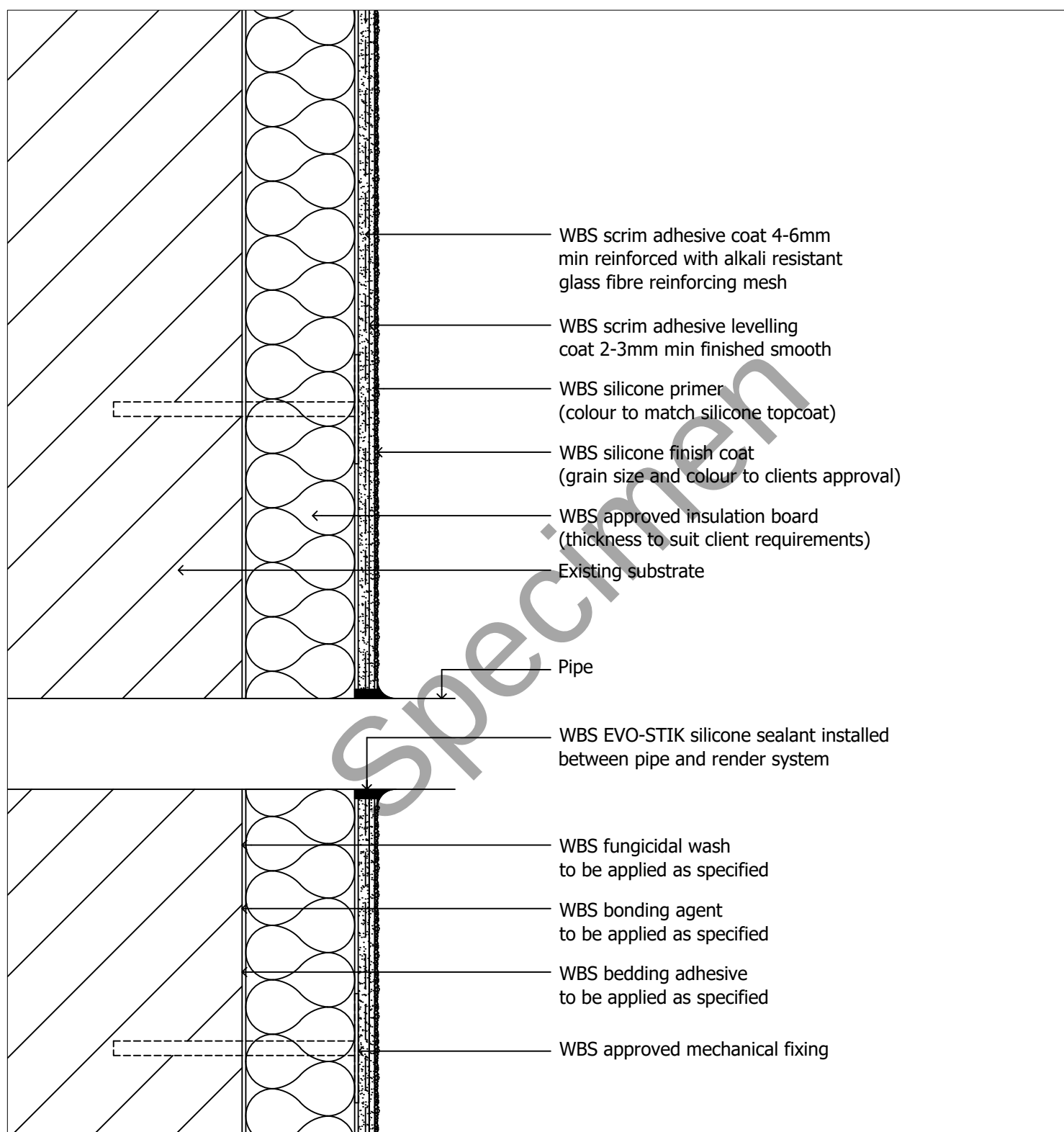
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drawing no. **EWI-SILICONE-17**

drawing set. **04**



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drawing. **Pipe detail**

date. Nov 2019

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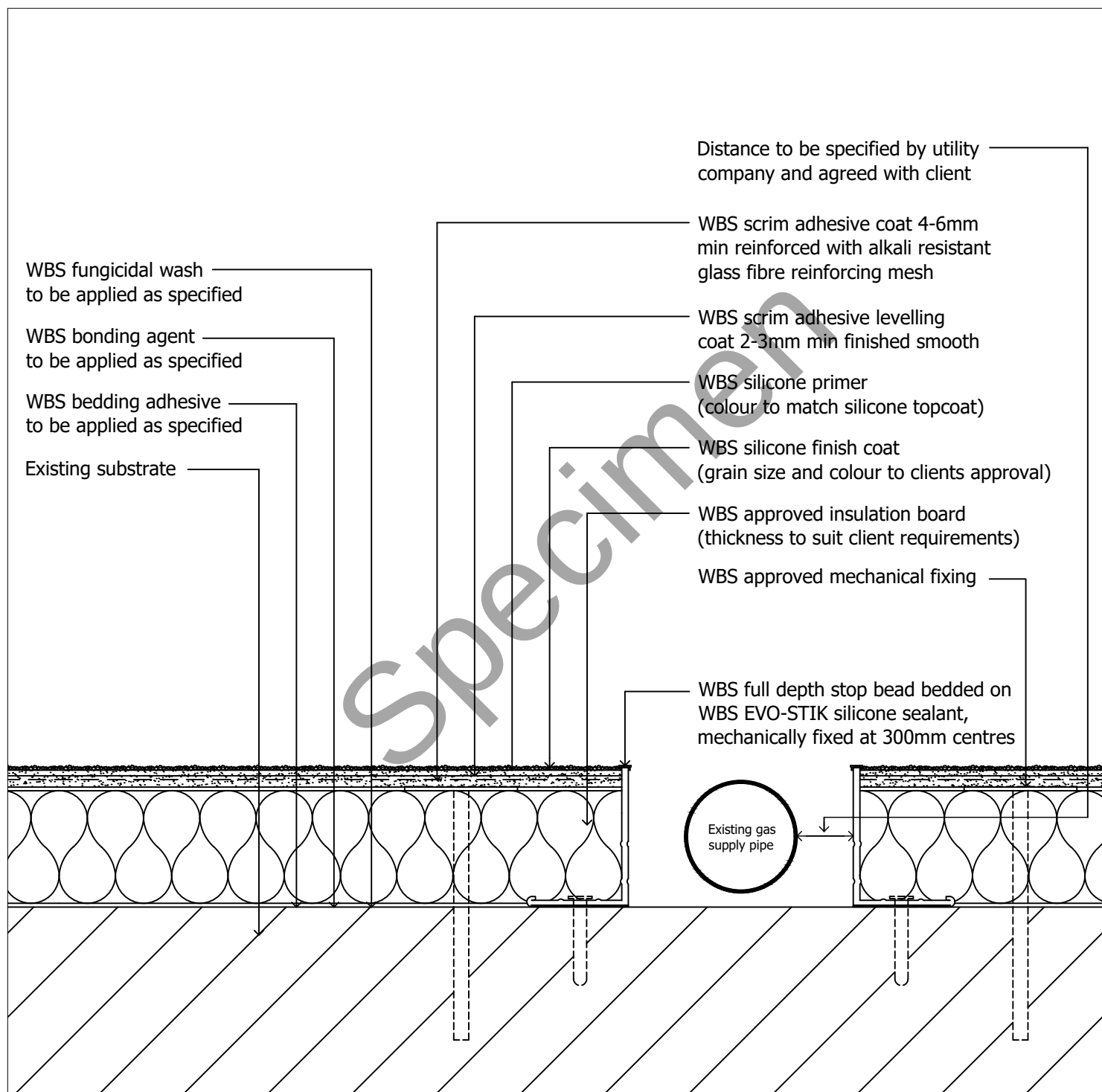
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drawing no. **EWI-SILICONE-18**

drawing set. 04



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drawing. **Gas pipe detail (1 of 2)**

date. **Nov 2019**

revision. -

drawn by. **LS**

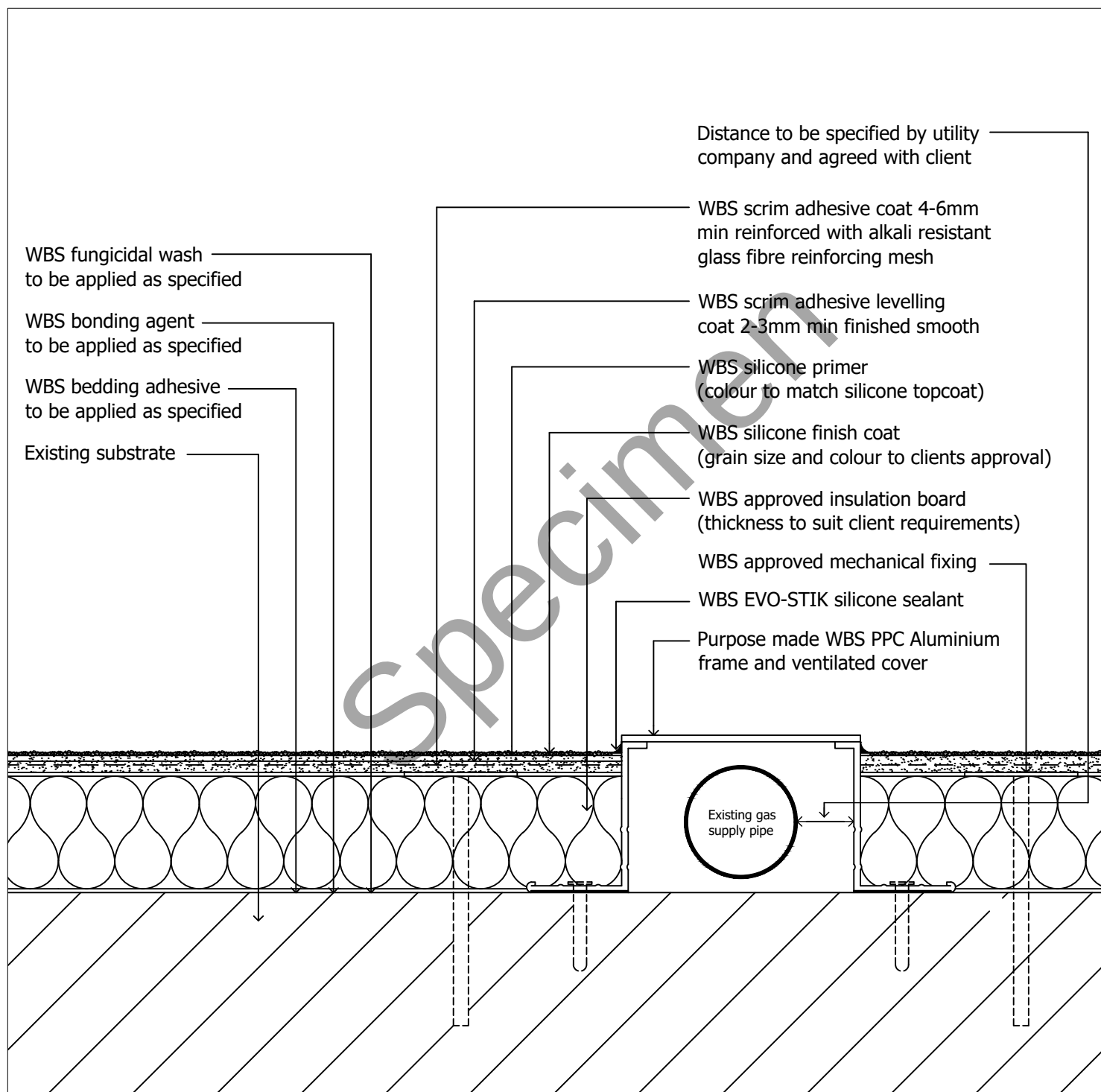
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drawing no. **EWI-SILICONE-19A**

drawing set. **04**



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drawing. **Gas pipe detail (2 of 2)**

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revision. -

drawn by. **LS**

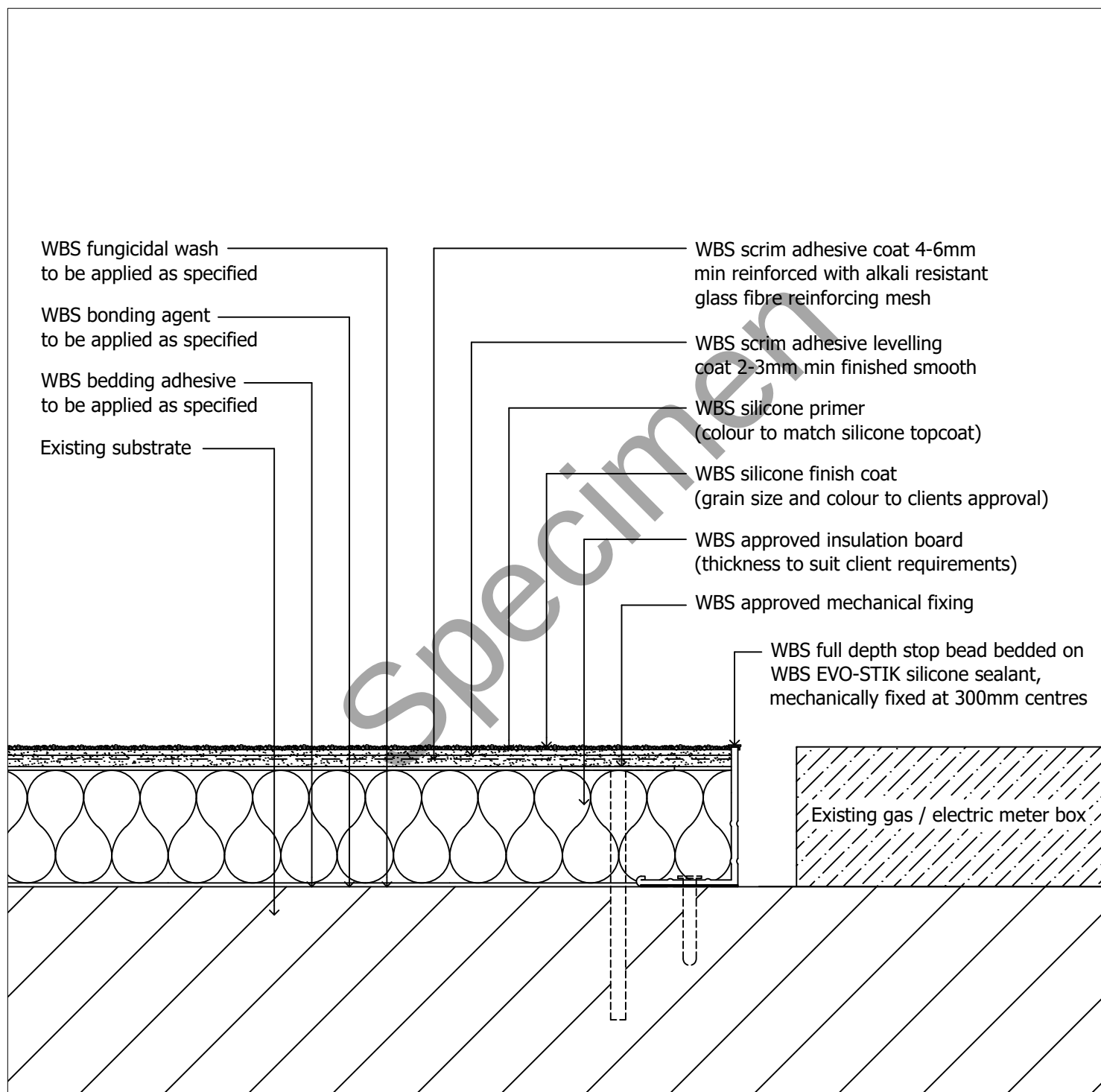
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drawing no. **EWI-SILICONE-19B**

drawing set. **04**



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drawing. **Service box detail**

date. **Nov 2019**

revision. -

drawn by. LS

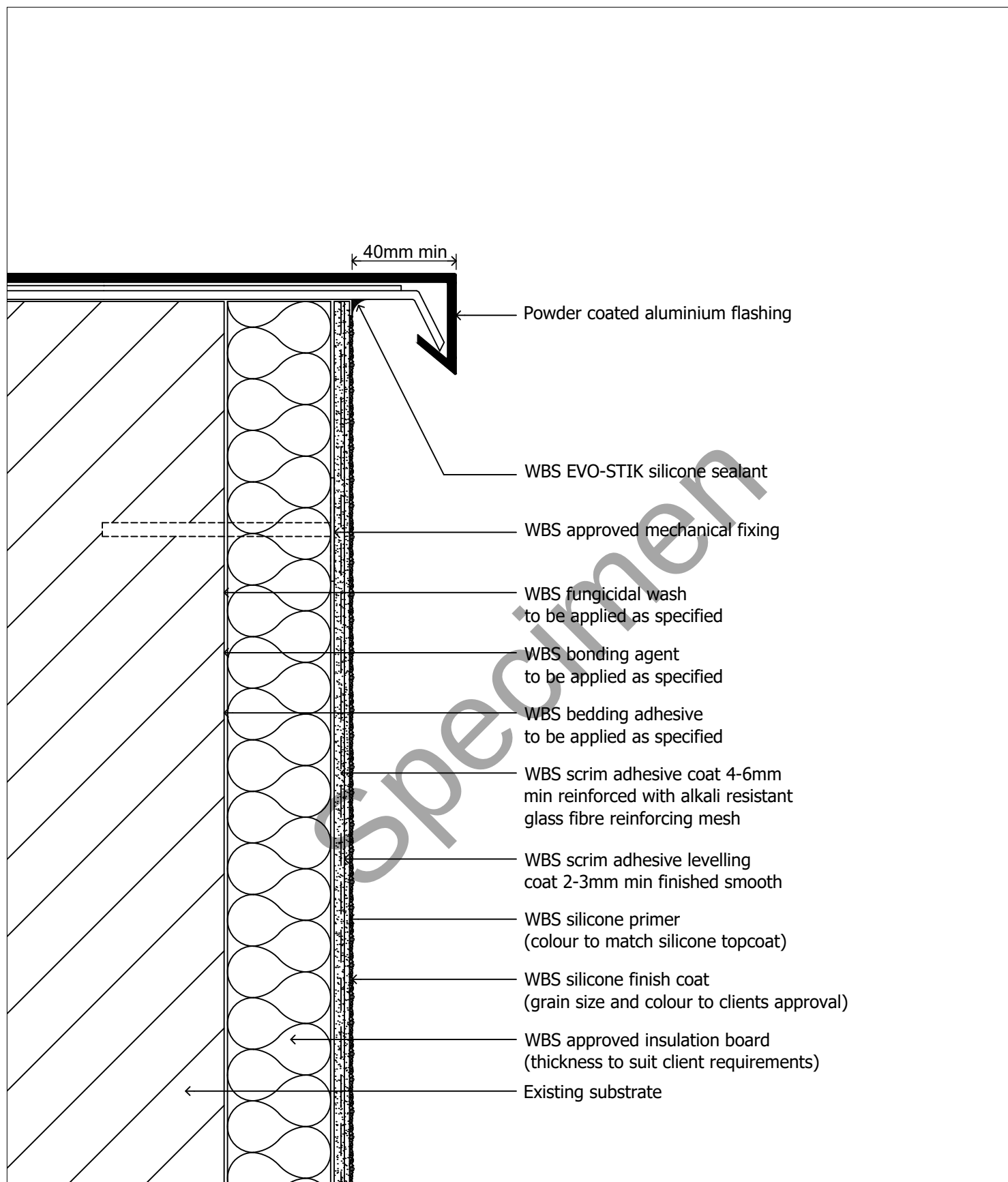
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drawing no. **EWI-SILICONE-20**

drawing set. **04**



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drawing. **Parapet detail**

date. **Nov 2019**

revision. -

drawn by. **LS**

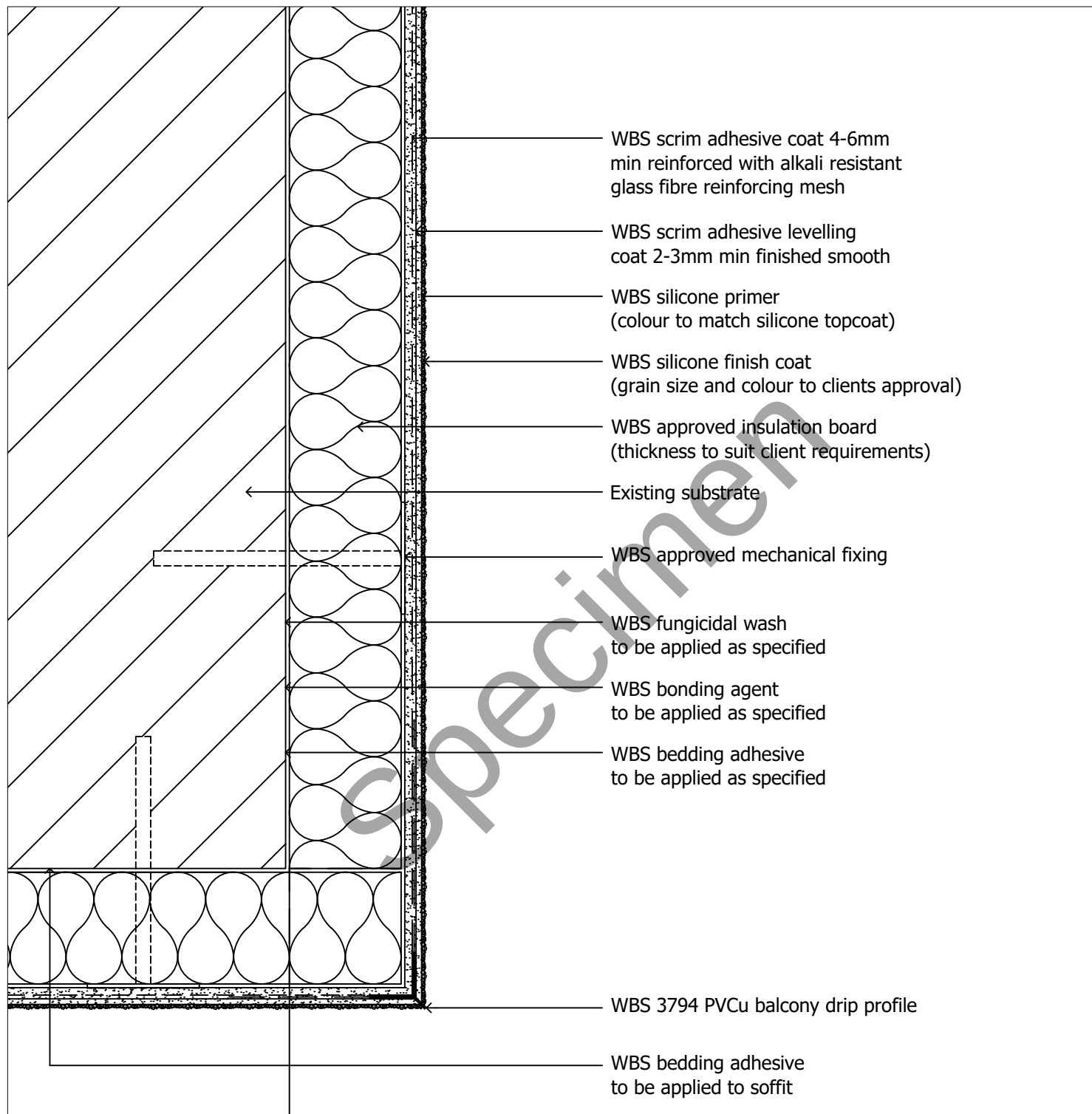
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drawing no. **EWI-SILICONE-21**

drawing set. **04**



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drawing. **Soffit detail**

date. **Nov 2019**

revision. -

drawn by. **LS**

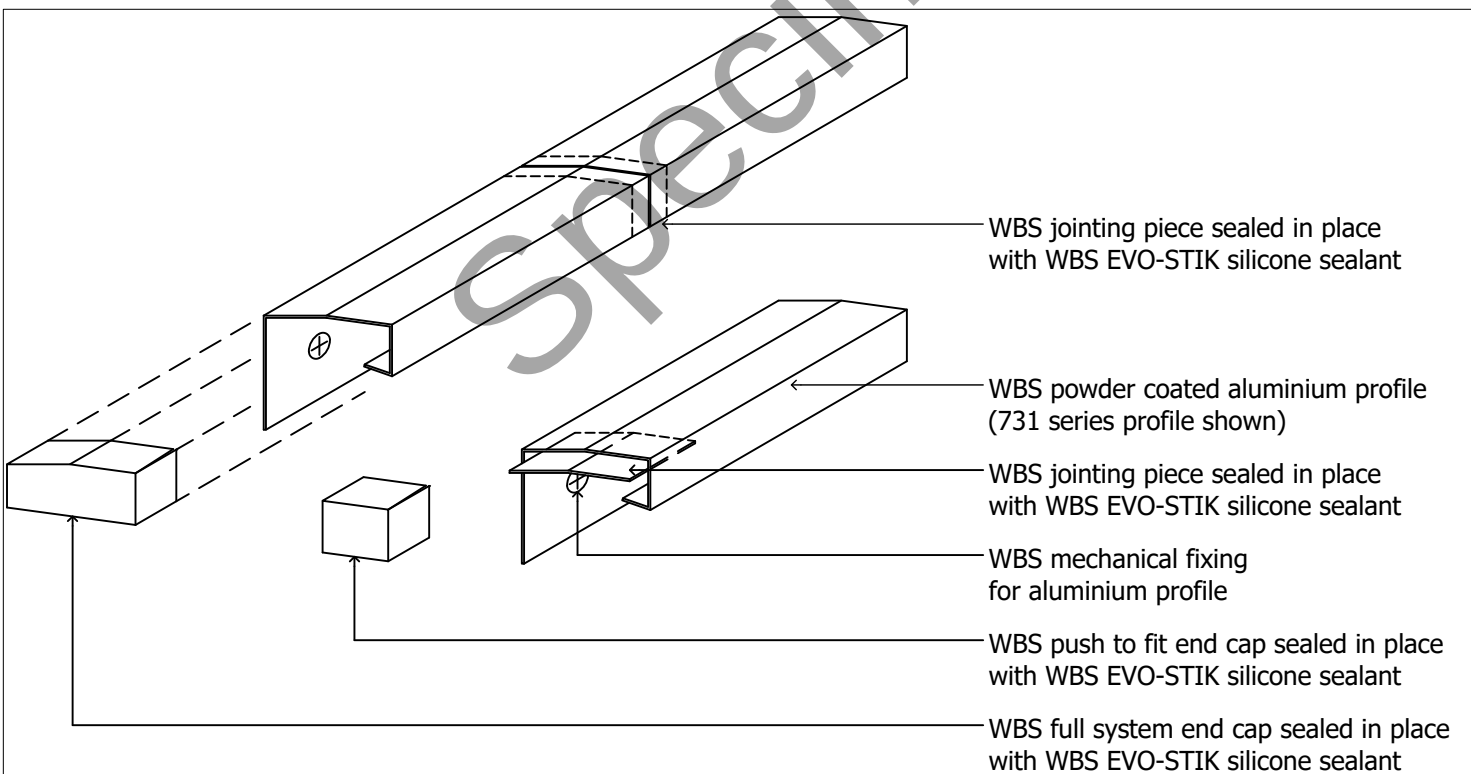
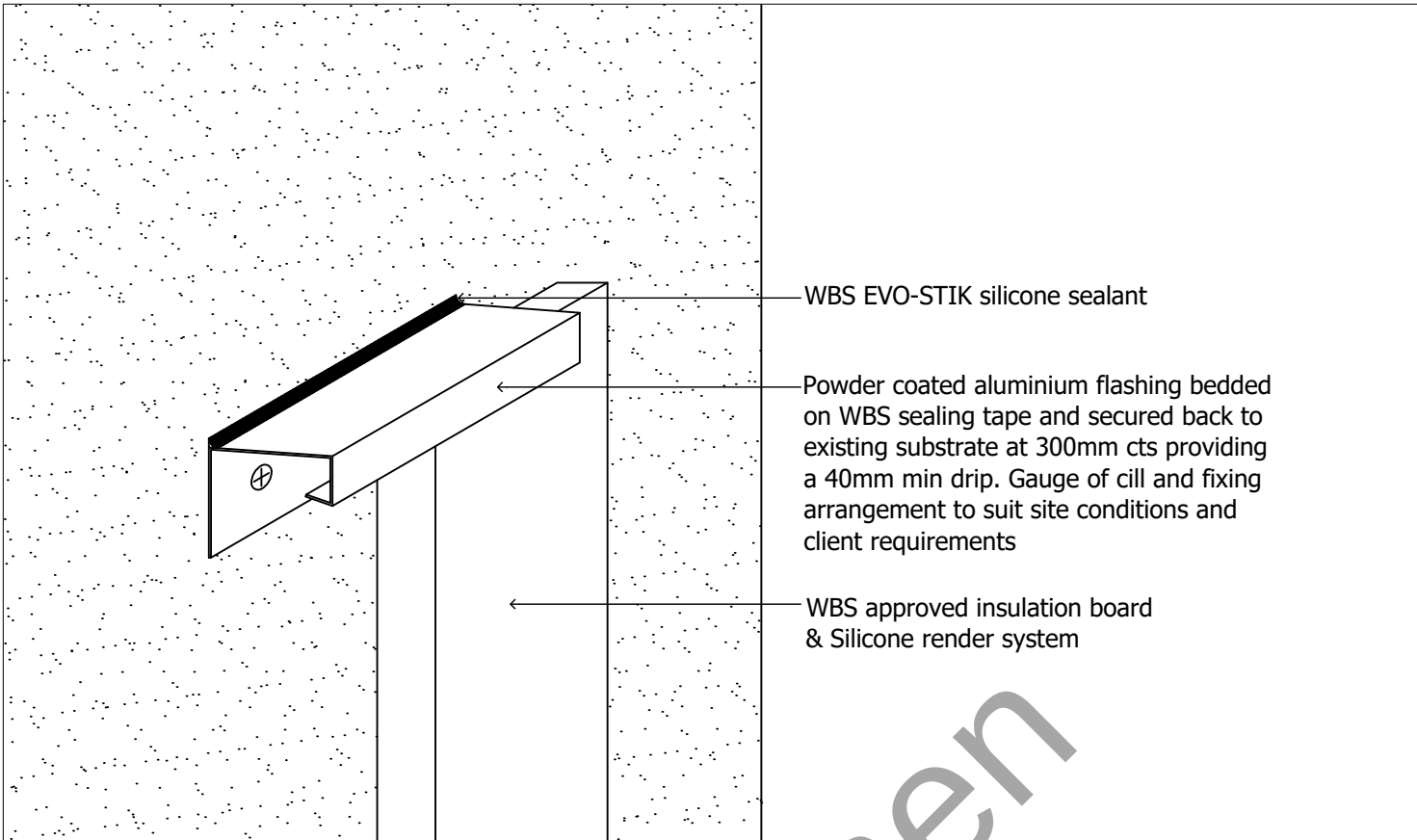
scale. **nts**

drawing no. **EWI-SILICONE-22**

drawing set. **04**



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drawing. **Trims & flashings detail**

date. Nov 2019

revision. -

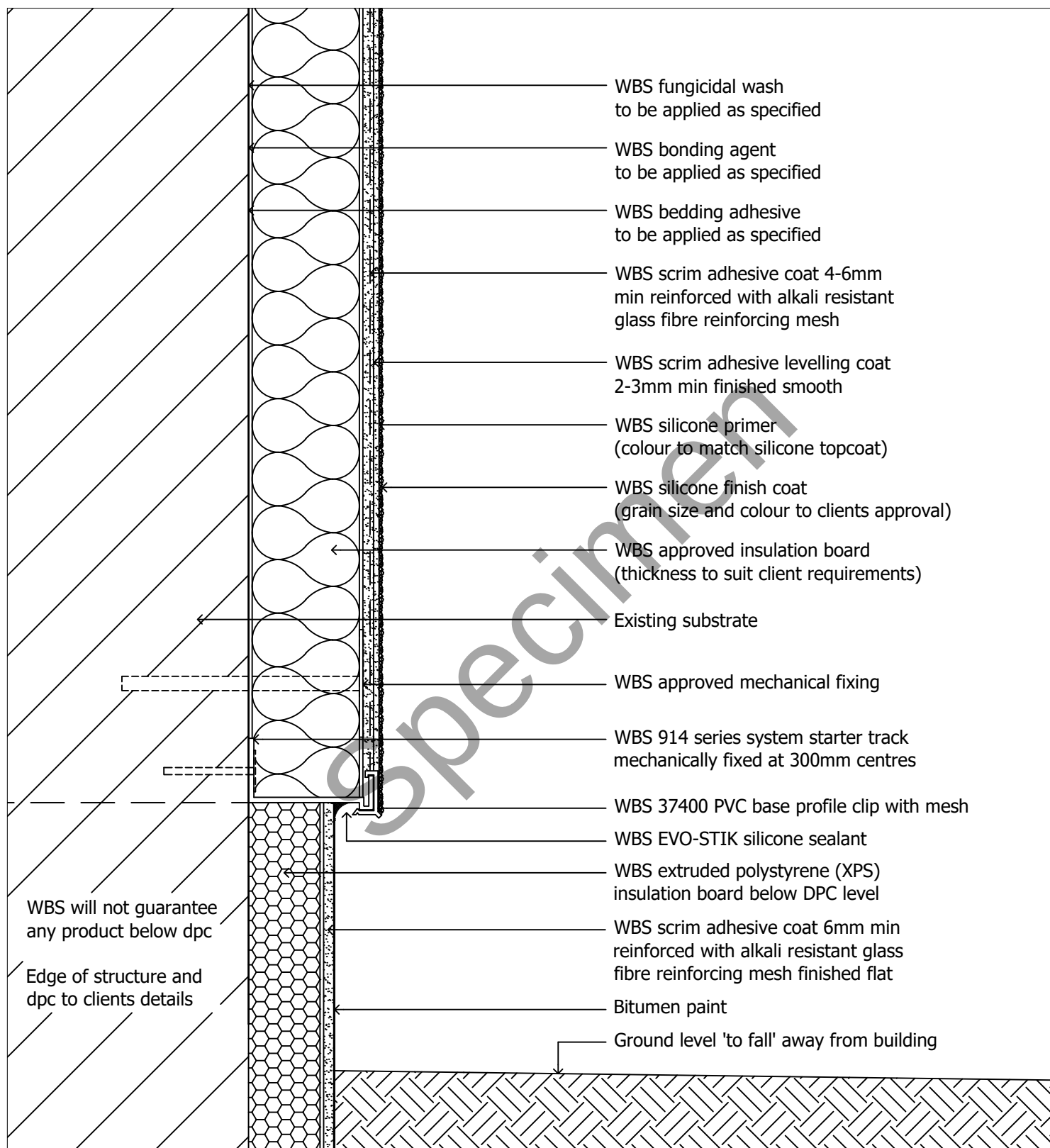
drawn by. LS

scale. nts

drawing no. **EWI-SILICONE-23**



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drawing. **DPC detail**

date. **Nov 2019**

revision. -

drawn by. **LS**

scale. **nts**

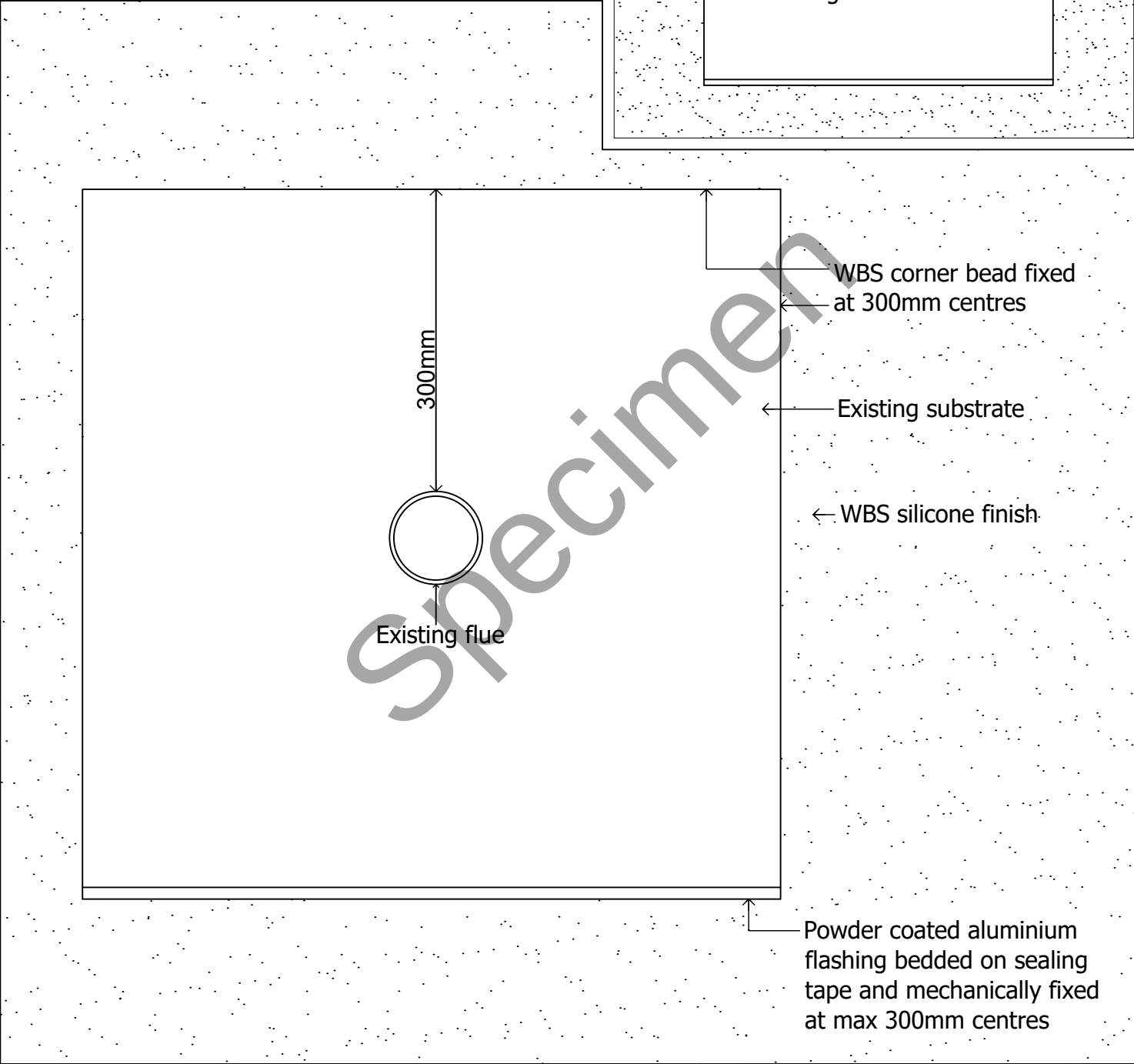
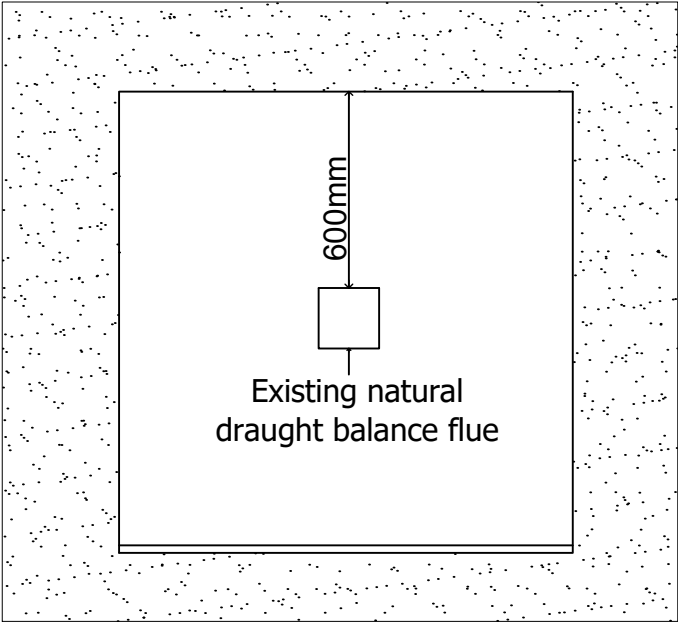
drawing no. **EWI-SILICONE-24**

drawing set. **04**



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N.B. 600mm minimum clearance required
around natural draught balance flue



drawing. **Flue detail (1 of 3)**

date. **Nov 2019**

revision. -

drawn by. **LS**

scale. **nts**

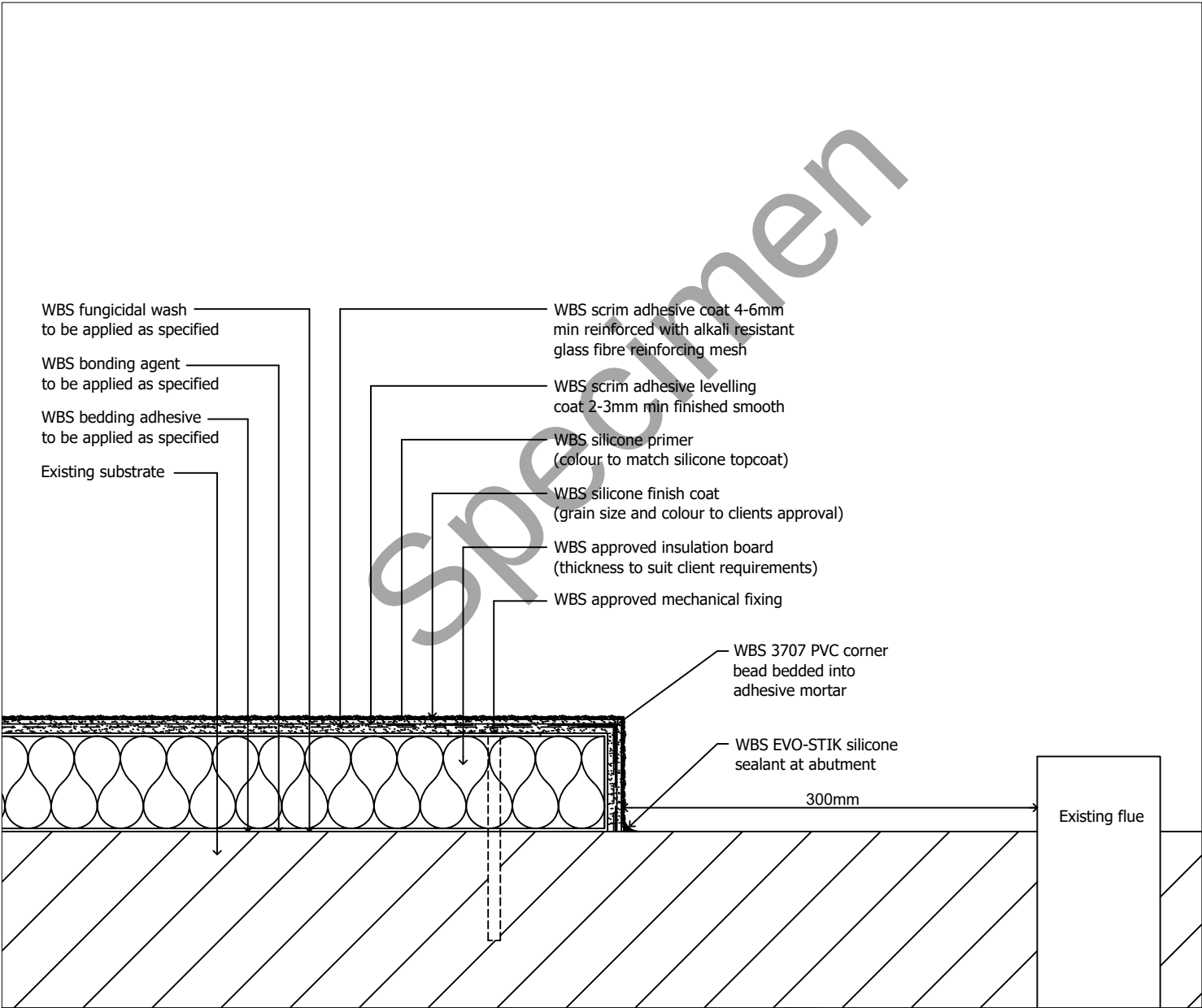
drawing no. **EWI-SILICONE-25A**

drawing set. **04**



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N.B. 600mm minimum clearance required
around natural draught balance flue



drawing. **Flue detail (2 of 3)**

date. **Nov 2019**

revision. -

drawn by. **LS**

scale. **nts**

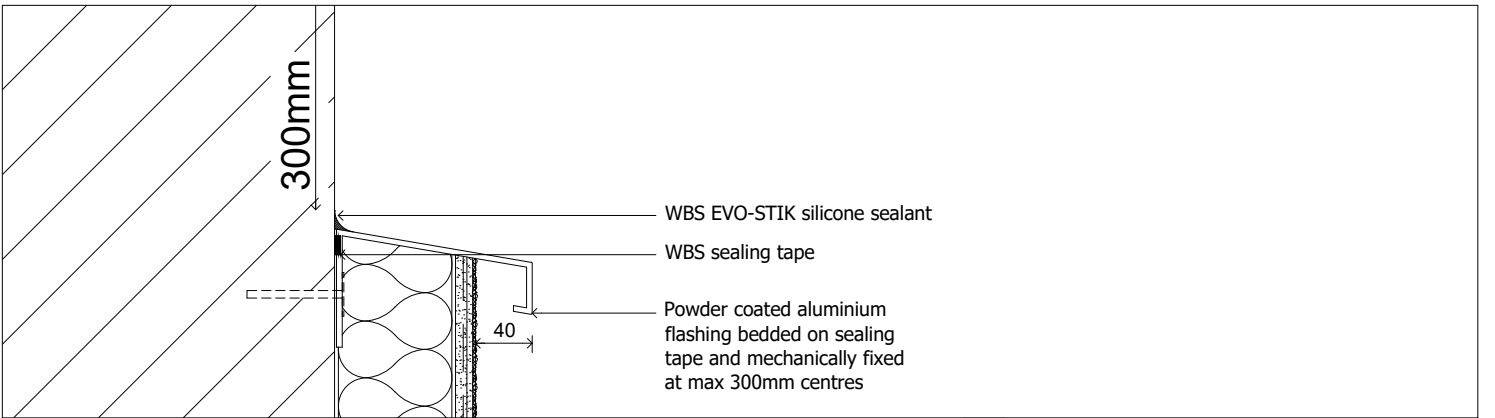
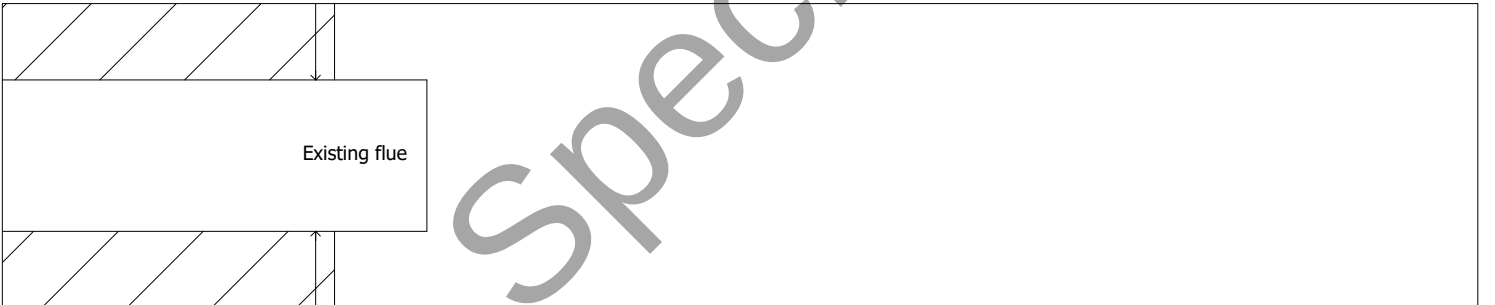
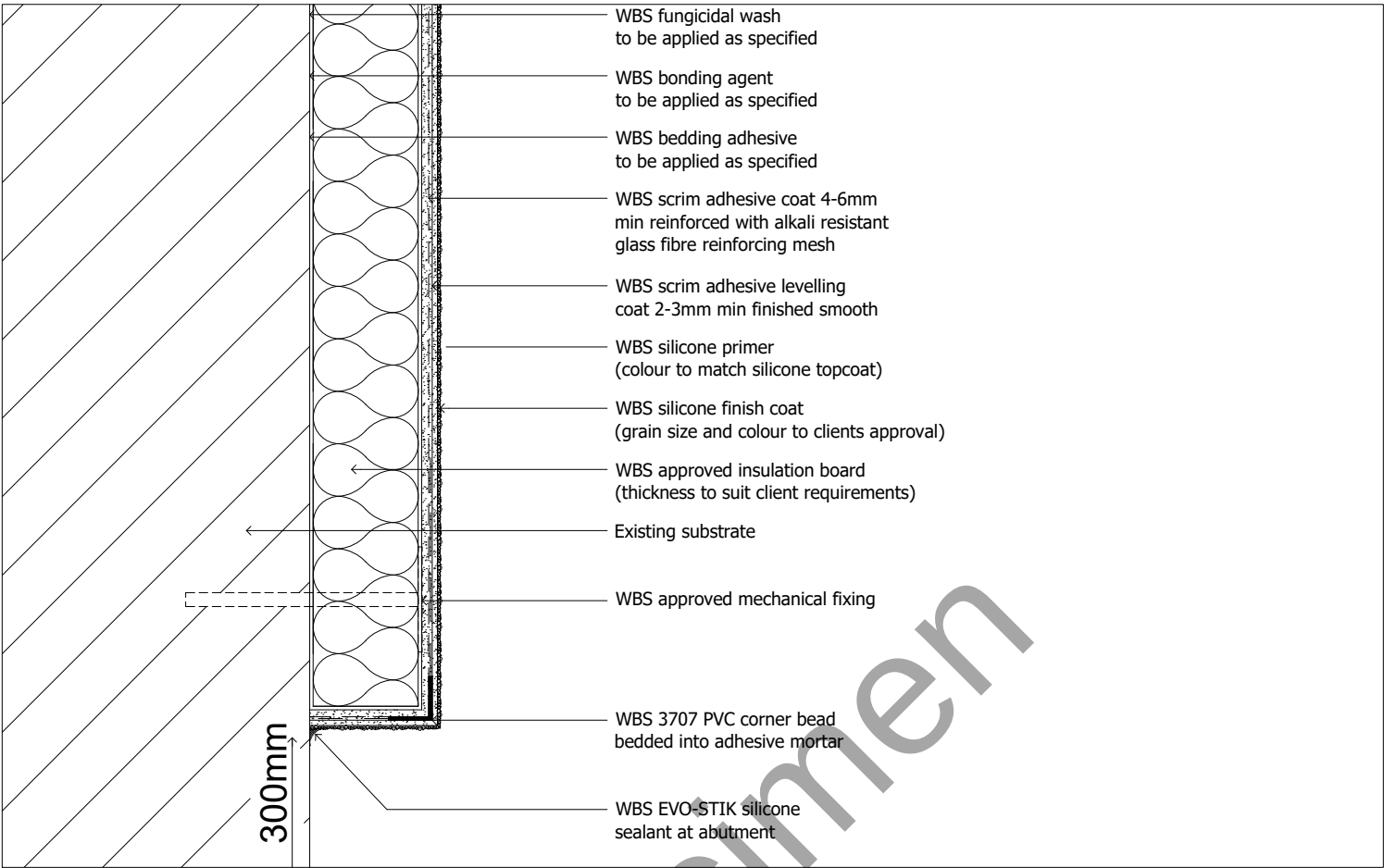
drawing no. **EWI-SILICONE-25B**

drawing set. **04**



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N.B. 600mm minimum clearance required
around natural draught balance flue



drawing. **Flue detail (3 of 3)**

date. **Nov 2019**

revision. -

drawn by. **LS**

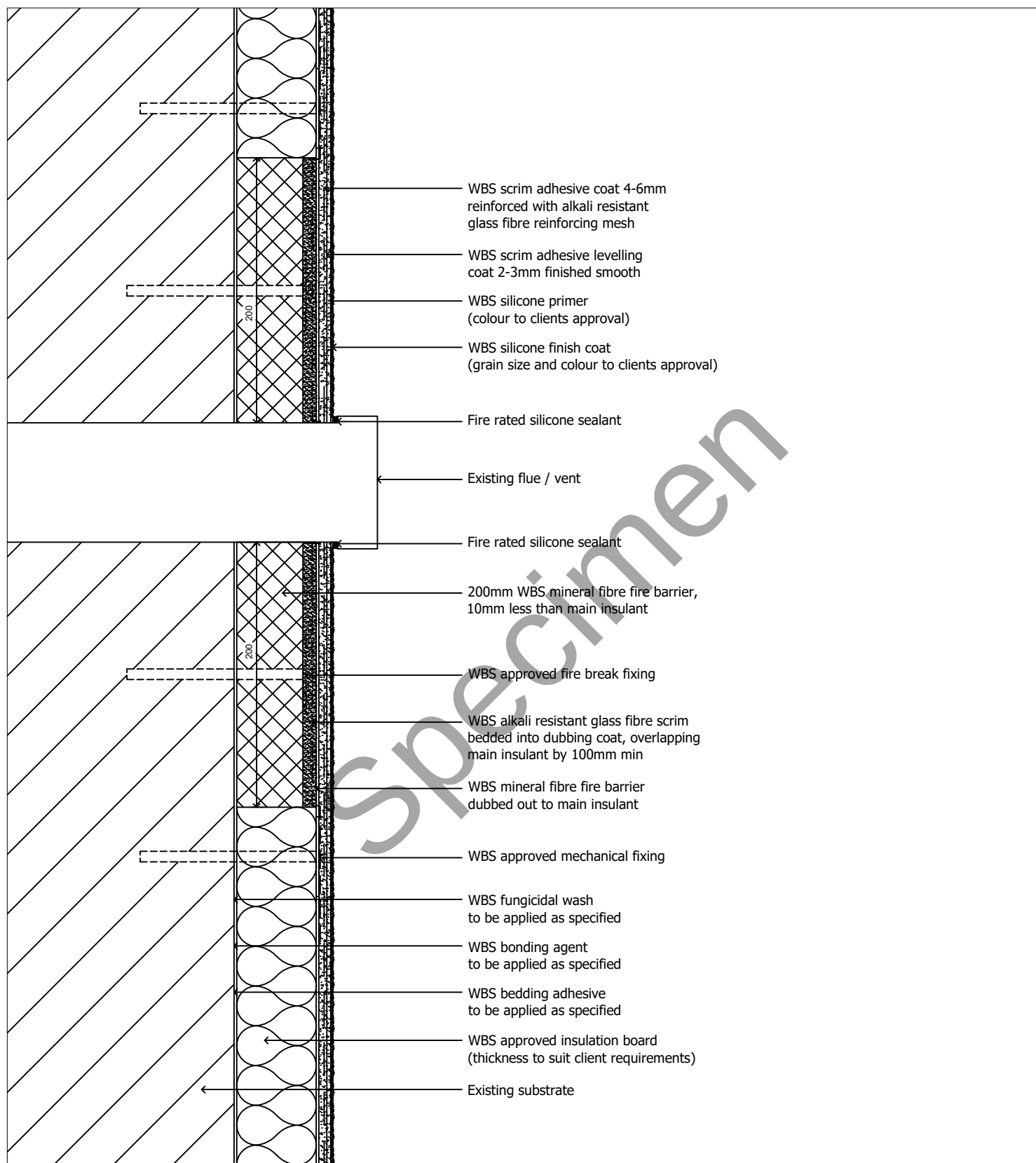
scale. **nts**

drawing no. **EWI-SILICONE-25C**

drawing set. **04**



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drawing. **Extended flue detail**

date. Nov 2019

revision. -

drawn by. LS

scale. nts

drawing no. **EWI-SILICONE-26**

drawing set. 04



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