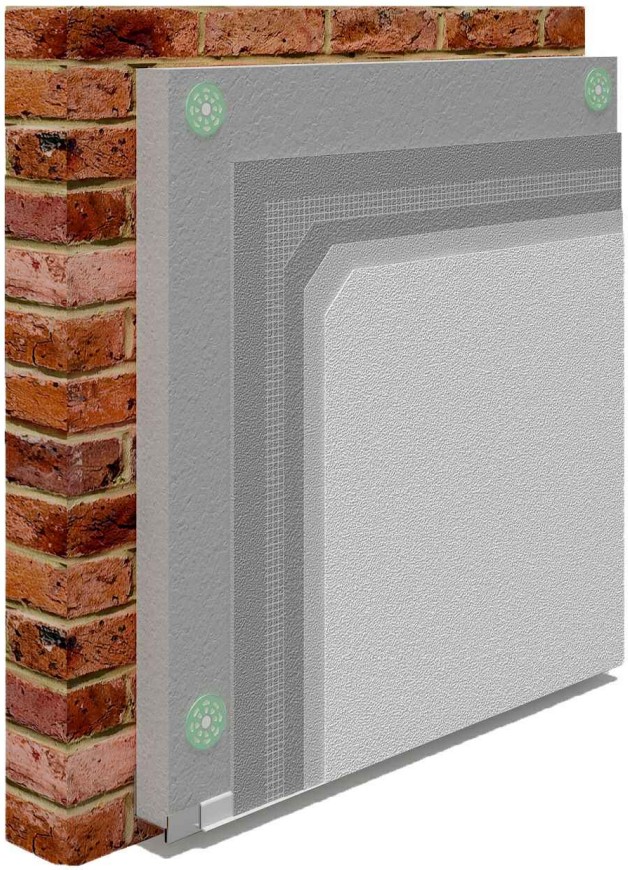
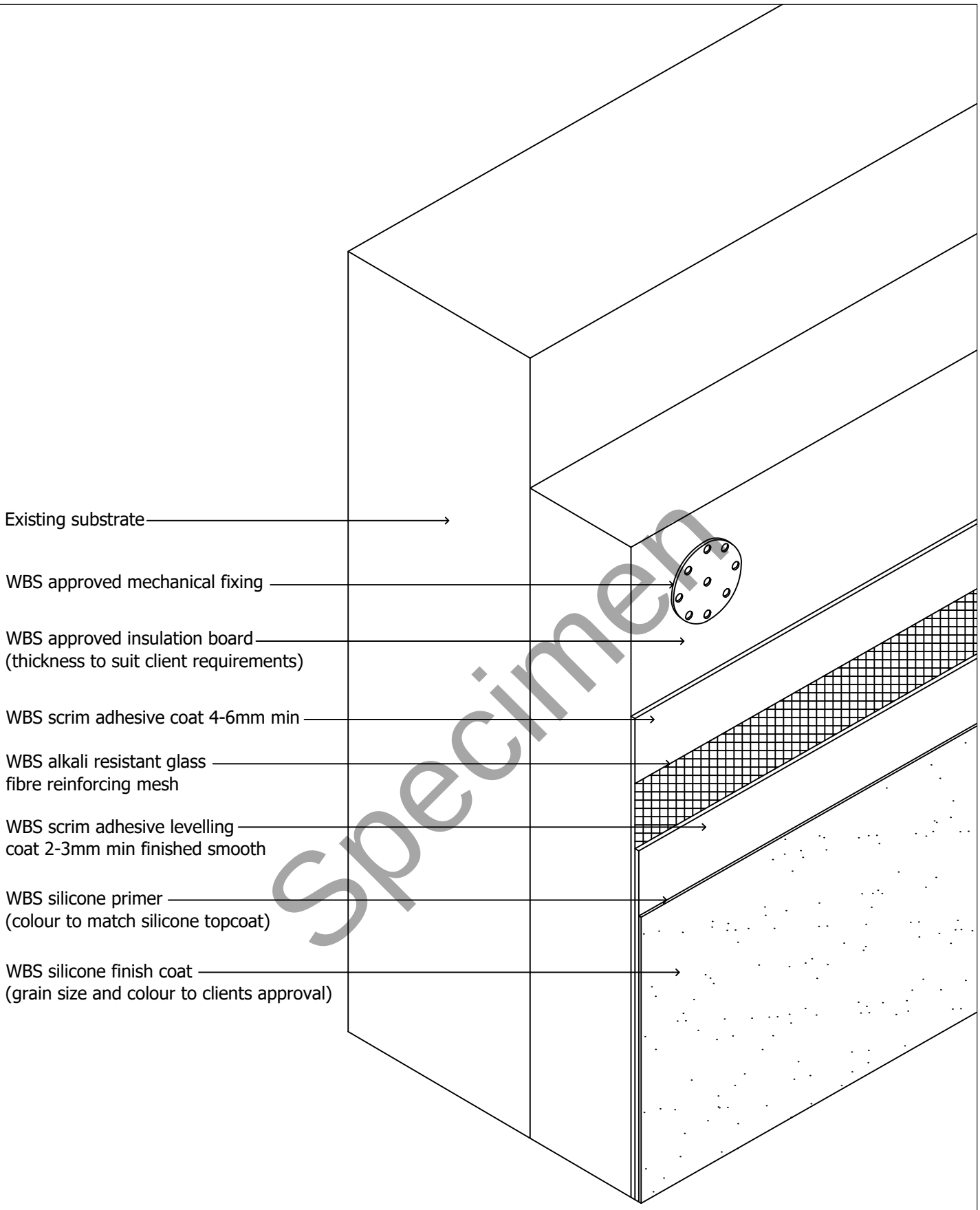
Wetherby Building Systems

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.



Specimen

drawing. Isometric - System build up

date. Nov 2019 revision. - drawn by. LS scale. nts

drawing no. **EWI-SILICONE-01** drawing set. 04

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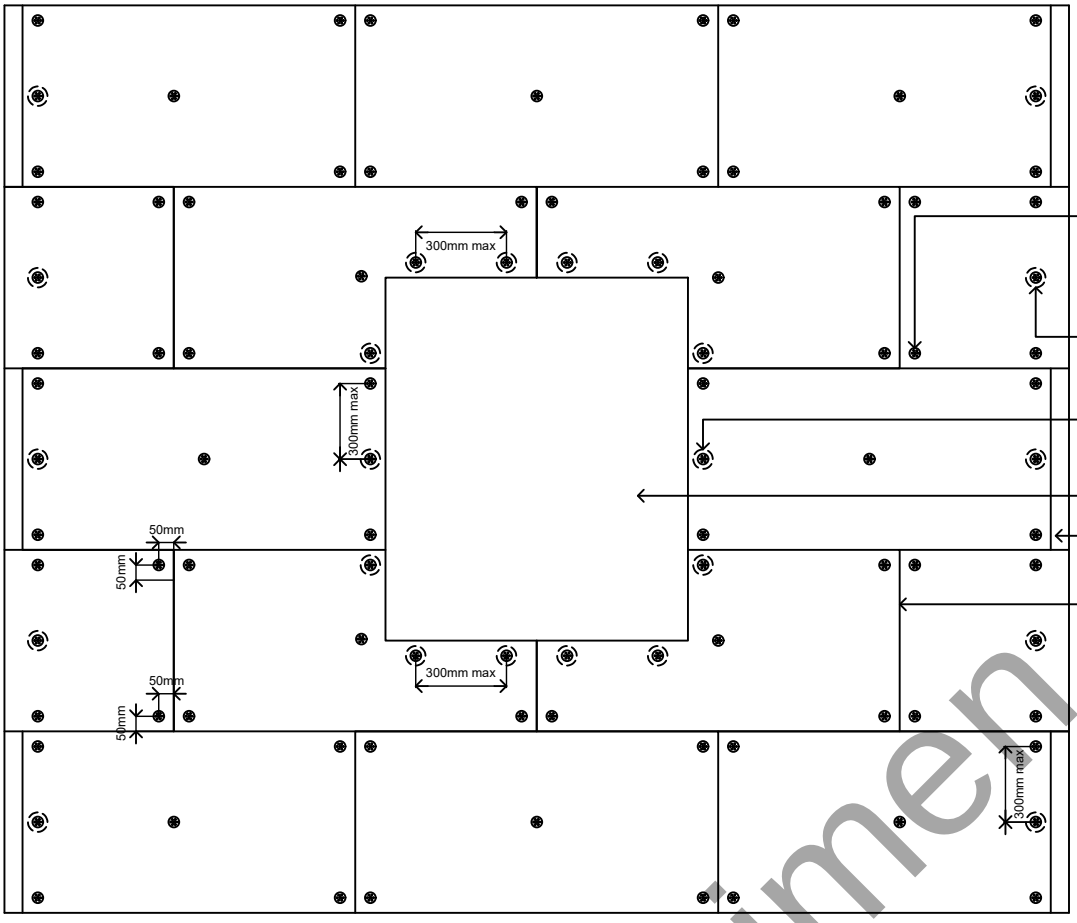


WBS approved insulation fixings 1 in each corner of the board set in 50mm in each direction and 1 in the centre of each board

Fixings at a maximum of 300mm centres at building corner

Fixings at a maximum of 300mm centres around all openings

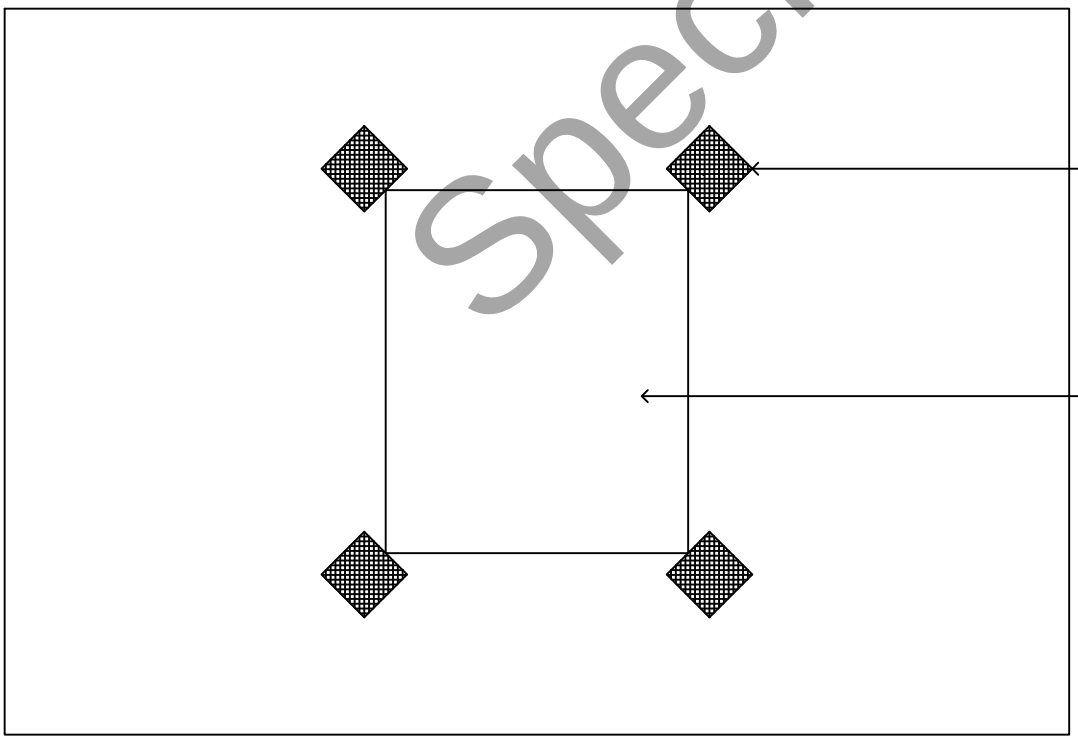
Window / door opening

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

Specimen

drawing. Fixing arrangement

date. Nov 2019 revision. - drawn by. LS scale. nts

drawing no. **EWI-SILICONE-02** drawing set. 04

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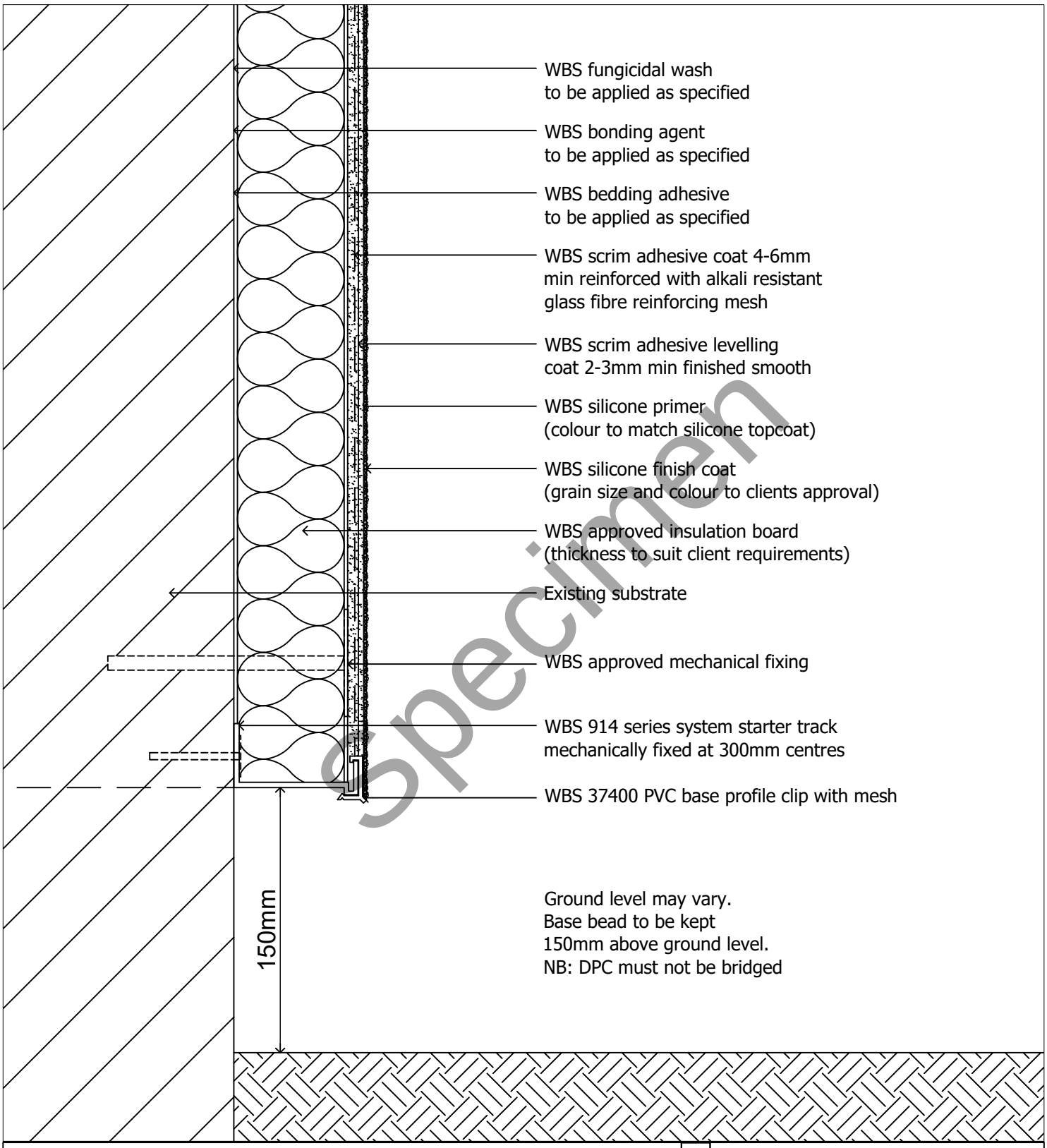

Specimen

drawing. **Base bead detail**

date. Nov 2019 revision. - drawn by. LS scale. nts

drawing no. **EWI-SILICONE-03** drawing set. 04

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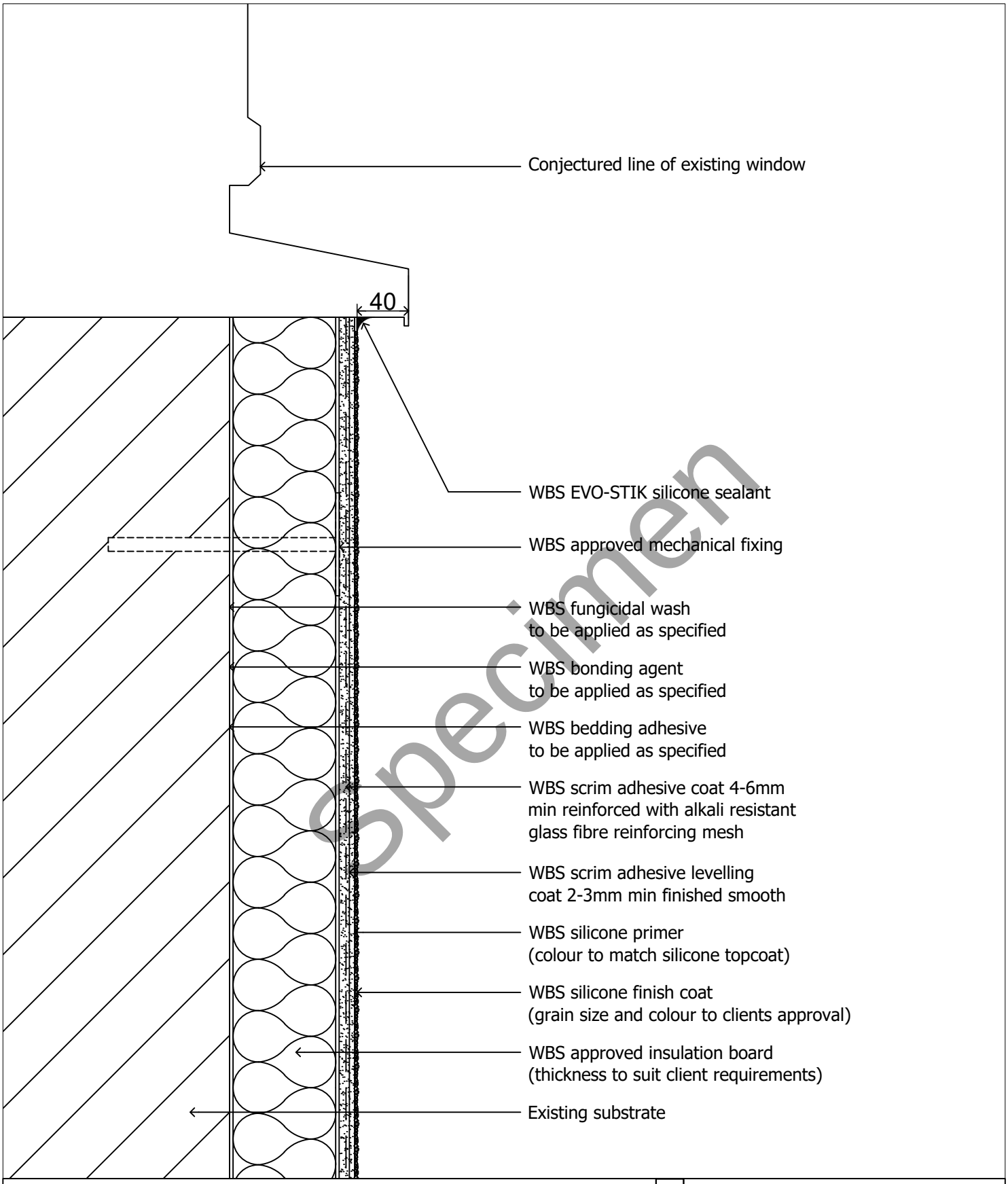

Specimen

drawing. Window cill detail

date. Nov 2019 revision. - drawn by. LS scale. nts

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

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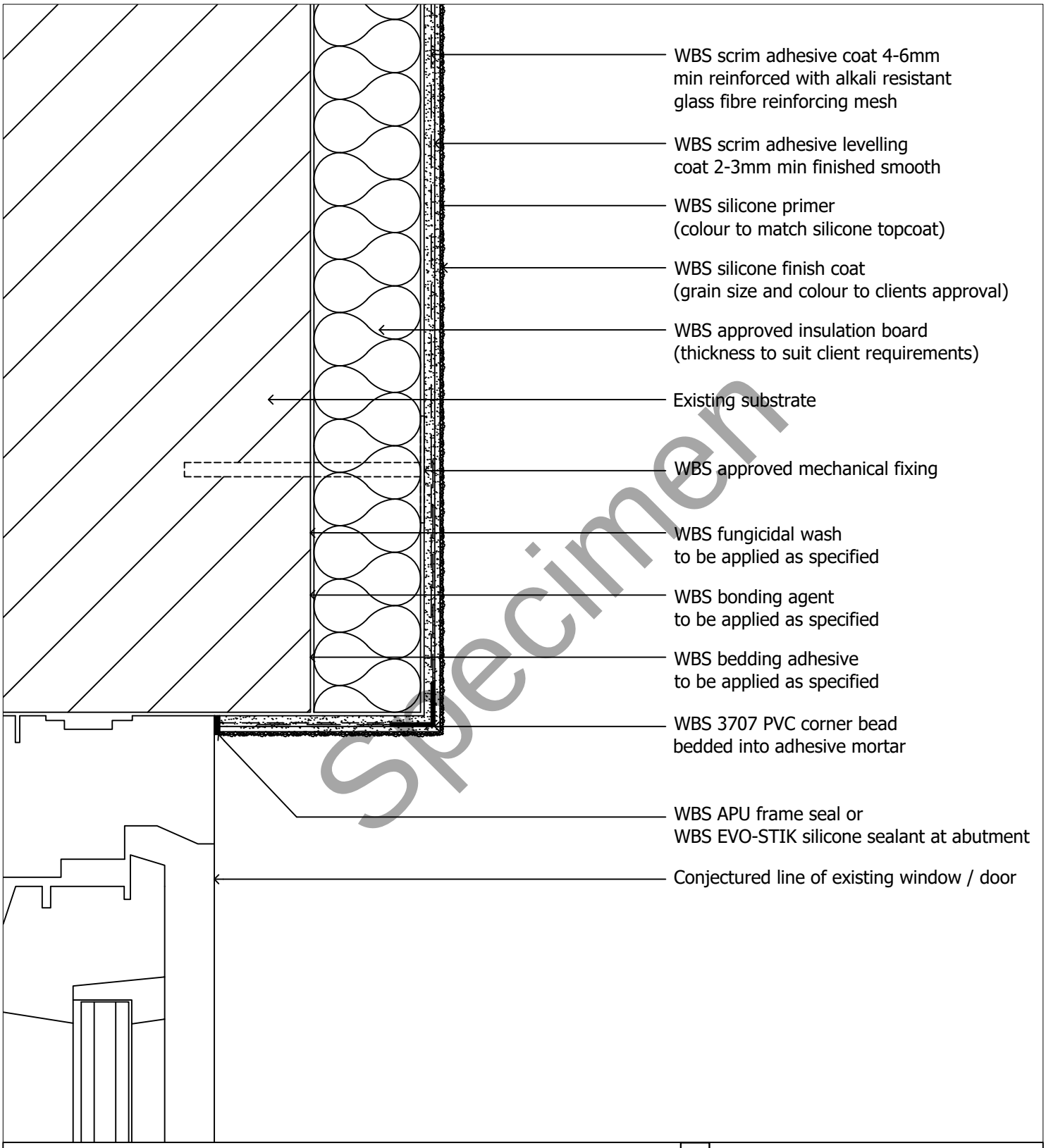

Specimen

drawing. Window / Door head detail 1 of 2

date. Nov 2019 revision. - drawn by. LS scale. nts

drawing no. **EWI-SILICONE-05A** drawing set. 04

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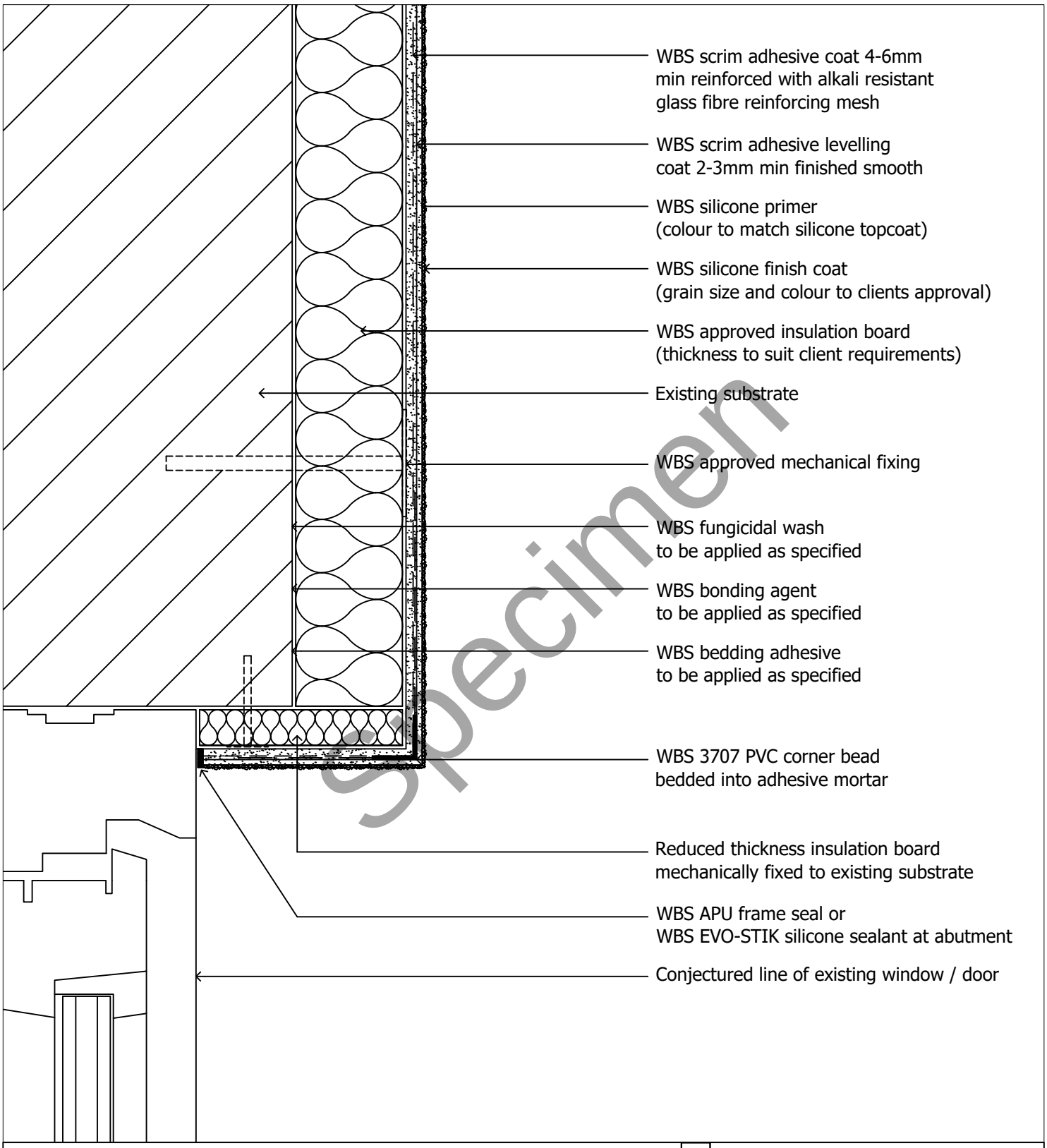

Specimen

drawing. Window / Door head detail 2 of 2

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drawing no. **EWI-SILICONE-05B** drawing set. 04

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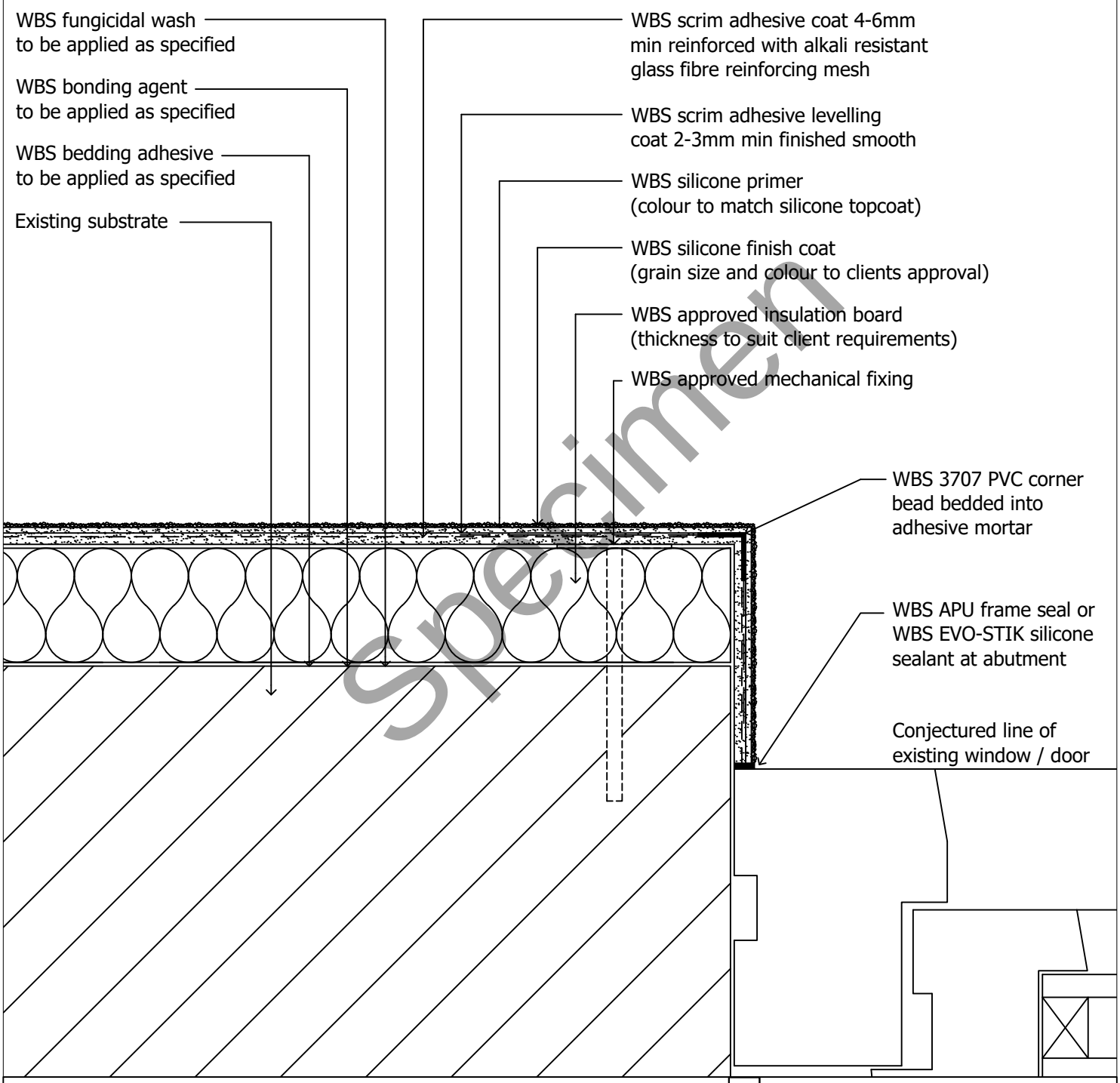

Specimen

drawing. Window / Door jamb detail 1 of 2

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drawing no. **EWI-SILICONE-06A** drawing set. 04

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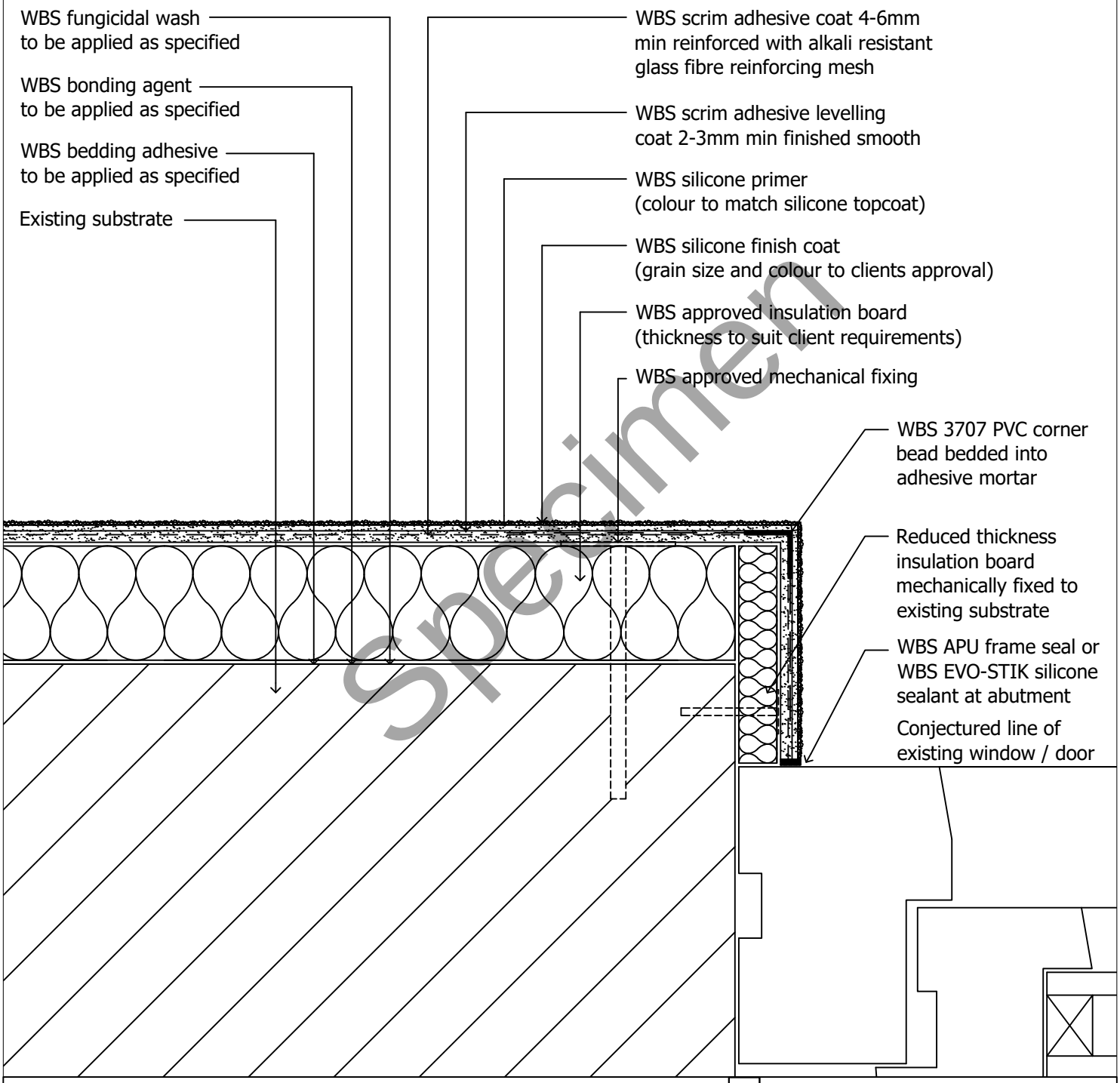

Specimen

drawing. Window / Door jamb detail 2 of 2

date. Nov 2019 revision. - drawn by. LS scale. nts

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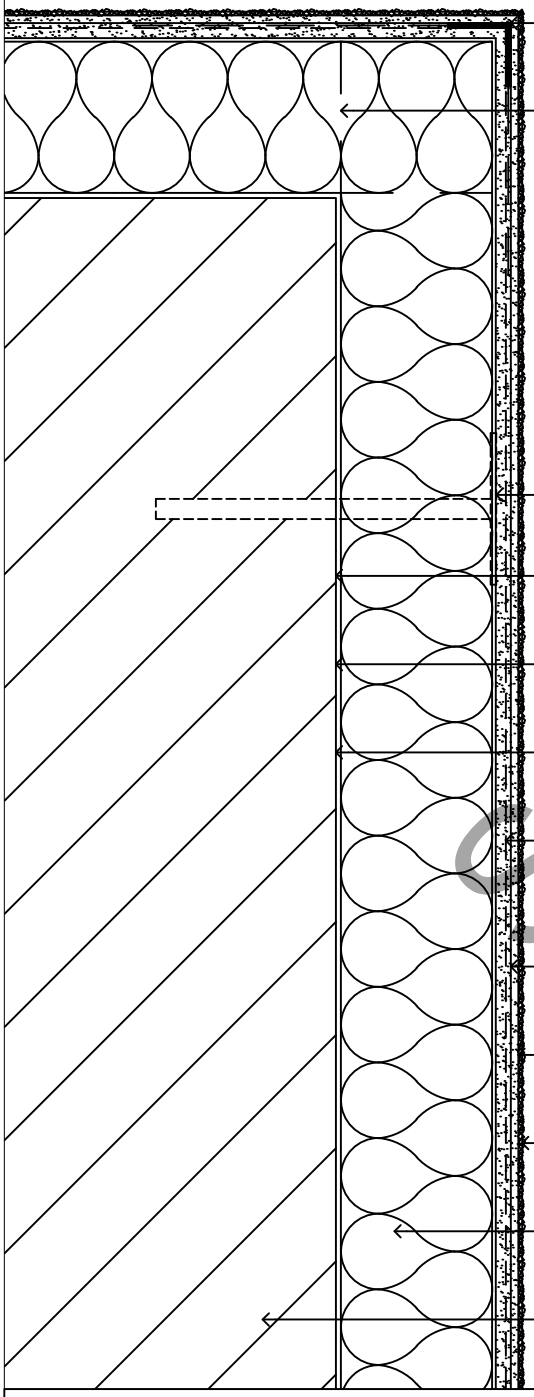

WBS 3707 PVC corner bead
bedded into adhesive mortar

Staggered insulation board
joints at building corner

WBS approved mechanical fixing

WBS fungicidal wash
to be applied as specified

WBS bonding agent
to be applied as specified

WBS bedding adhesive
to be applied as specified

WBS scrim adhesive coat 4-6mm
min reinforced with 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)

WBS approved insulation board
(thickness to suit client requirements)

Existing substrate

Specimen

drawing. Building corner detail

date. Nov 2019 revision. - drawn by. LS scale. nts

drawing no. **EWI-SILICONE-07A** drawing set. 04

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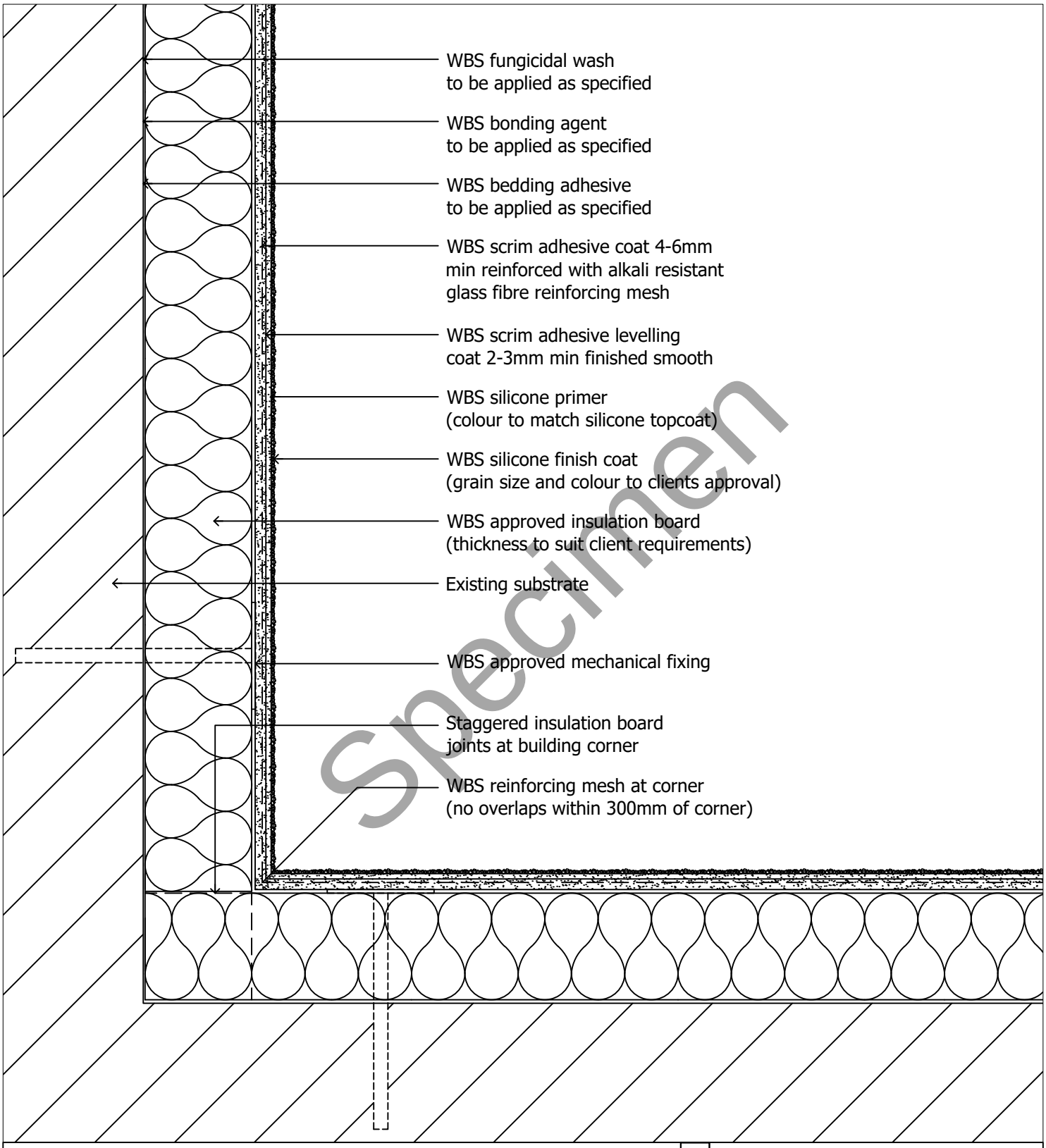

Specimen

drawing. Internal building corner detail

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drawing no. **EWI-SILICONE-07B** drawing set. 04

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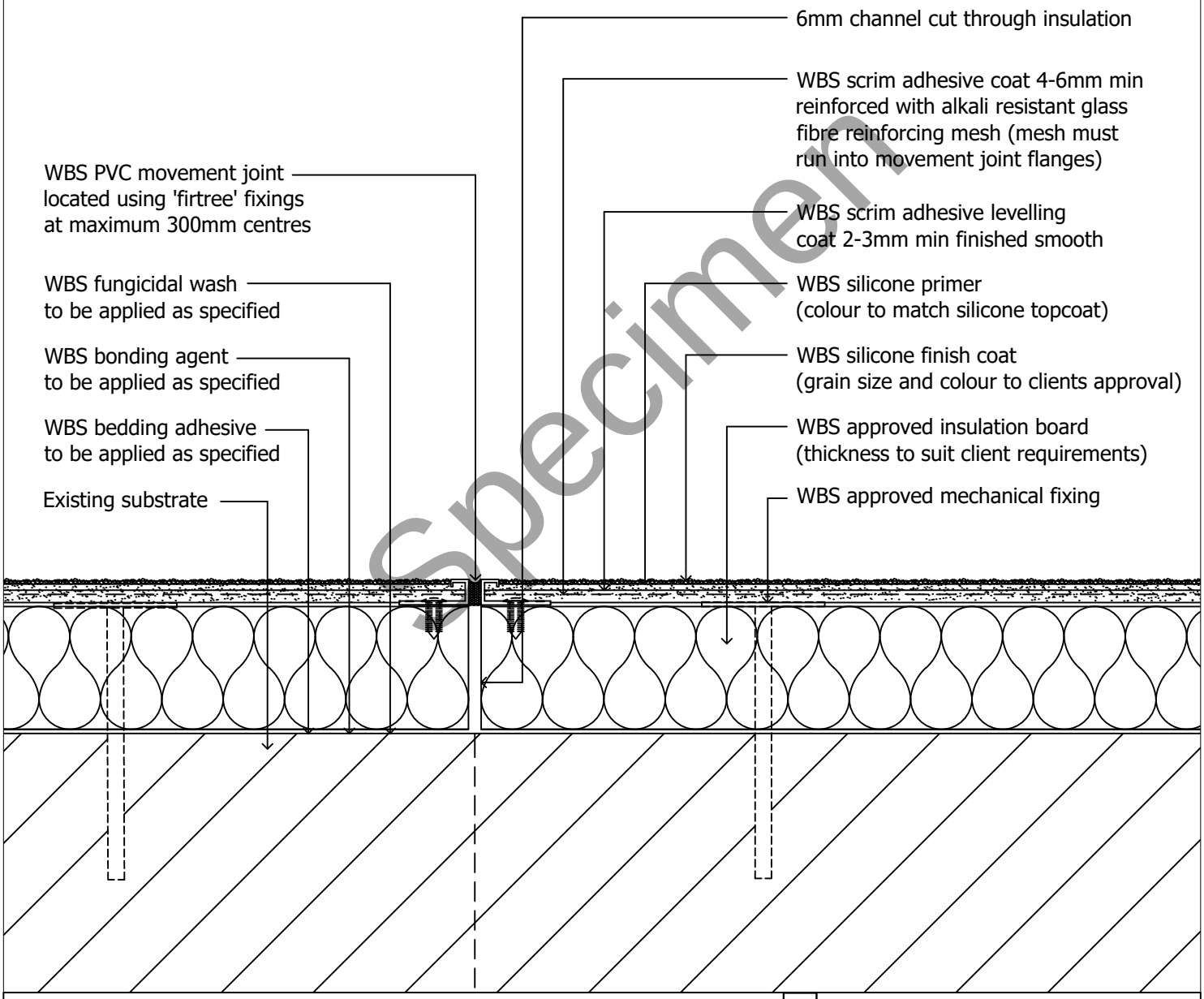

Specimen

drawing. Movement joint detail

date. Nov 2019 revision. - drawn by. LS scale. nts

drawing no. **EWI-SILICONE-08** drawing set. 04

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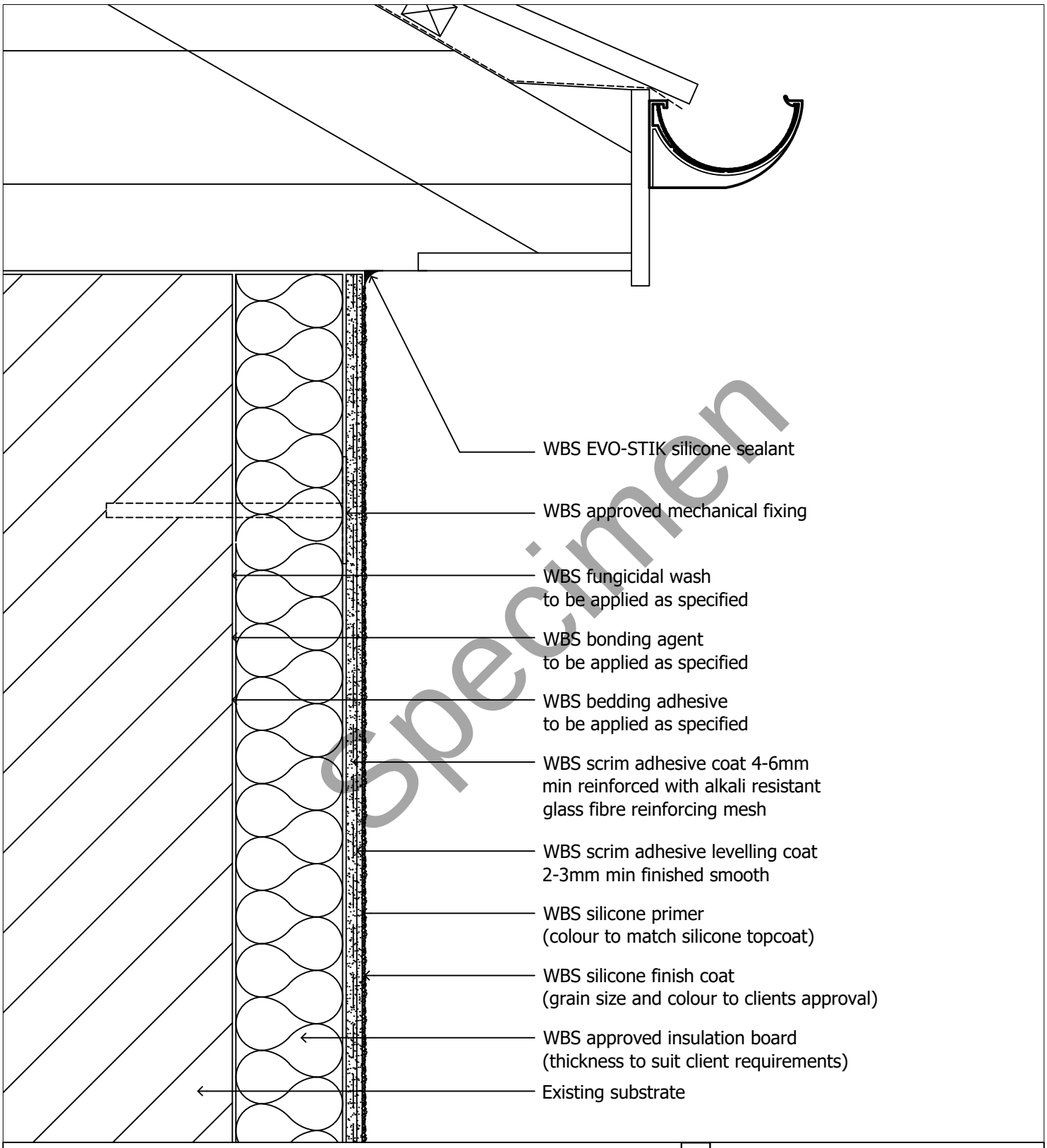

Specimen

drawing. Roof abutment detail

date. Nov 2019 revision. - drawn by. LS scale. nts

drawing no. **EWI-SILICONE-09** drawing set. 04

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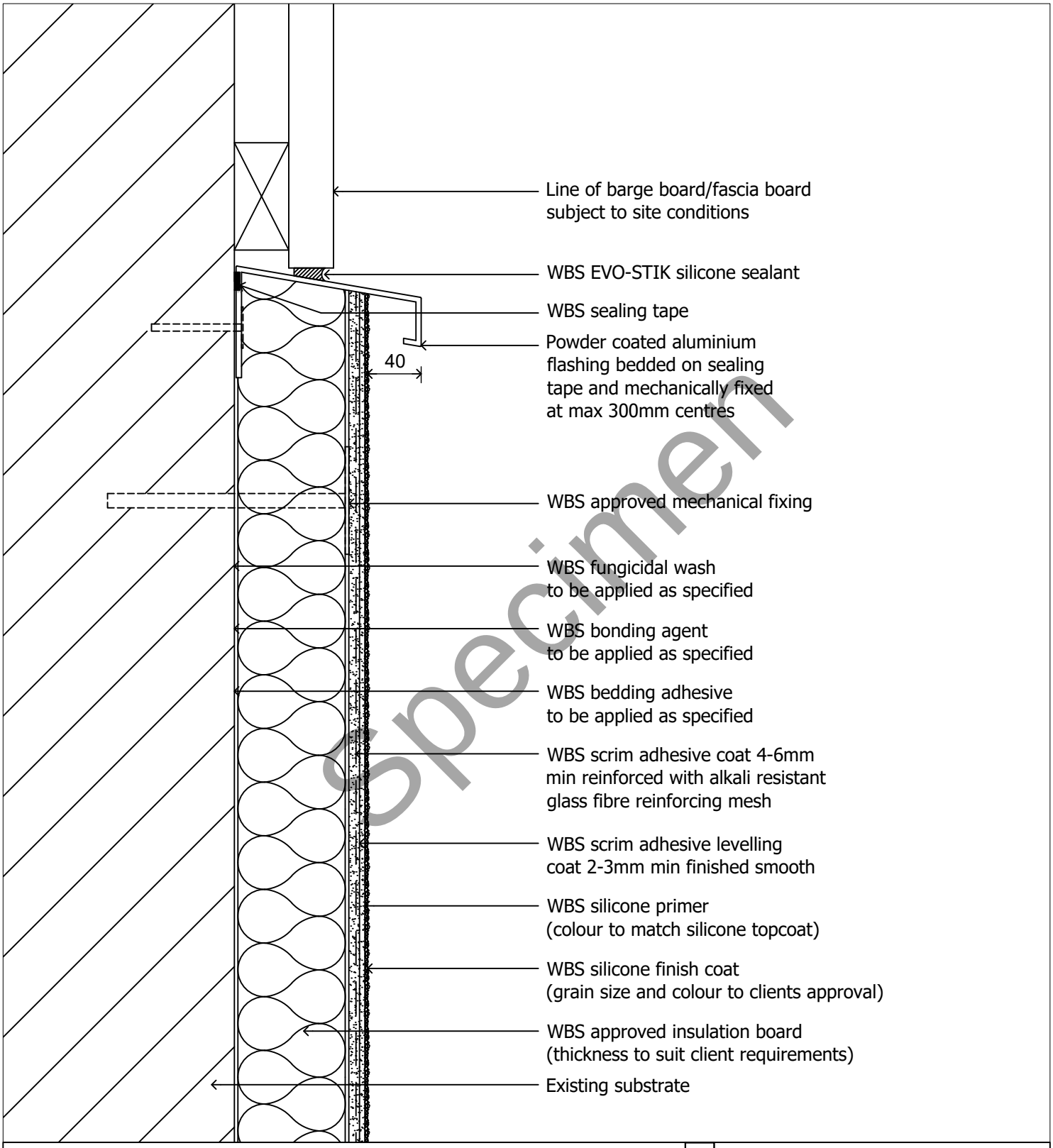

Specimen

drawing. Verge trim detail 1 of 2

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drawing no. **EWI-SILICONE-10A** drawing set. 04

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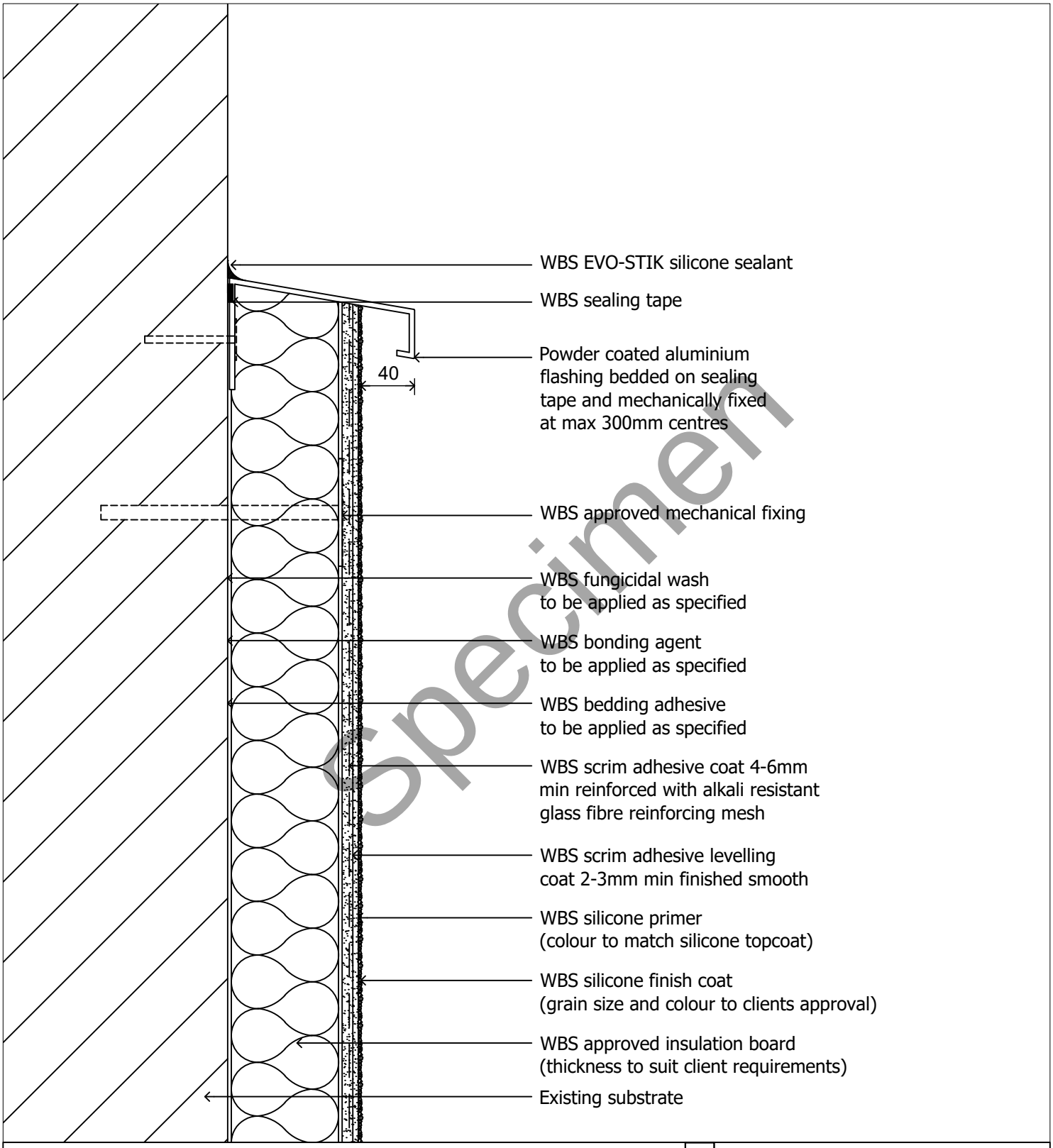

Specimen

drawing. Verge trim detail 2 of 2

date. Nov 2019 revision. - drawn by. LS scale. nts

drawing no. **EWI-SILICONE-10B** drawing set. 04

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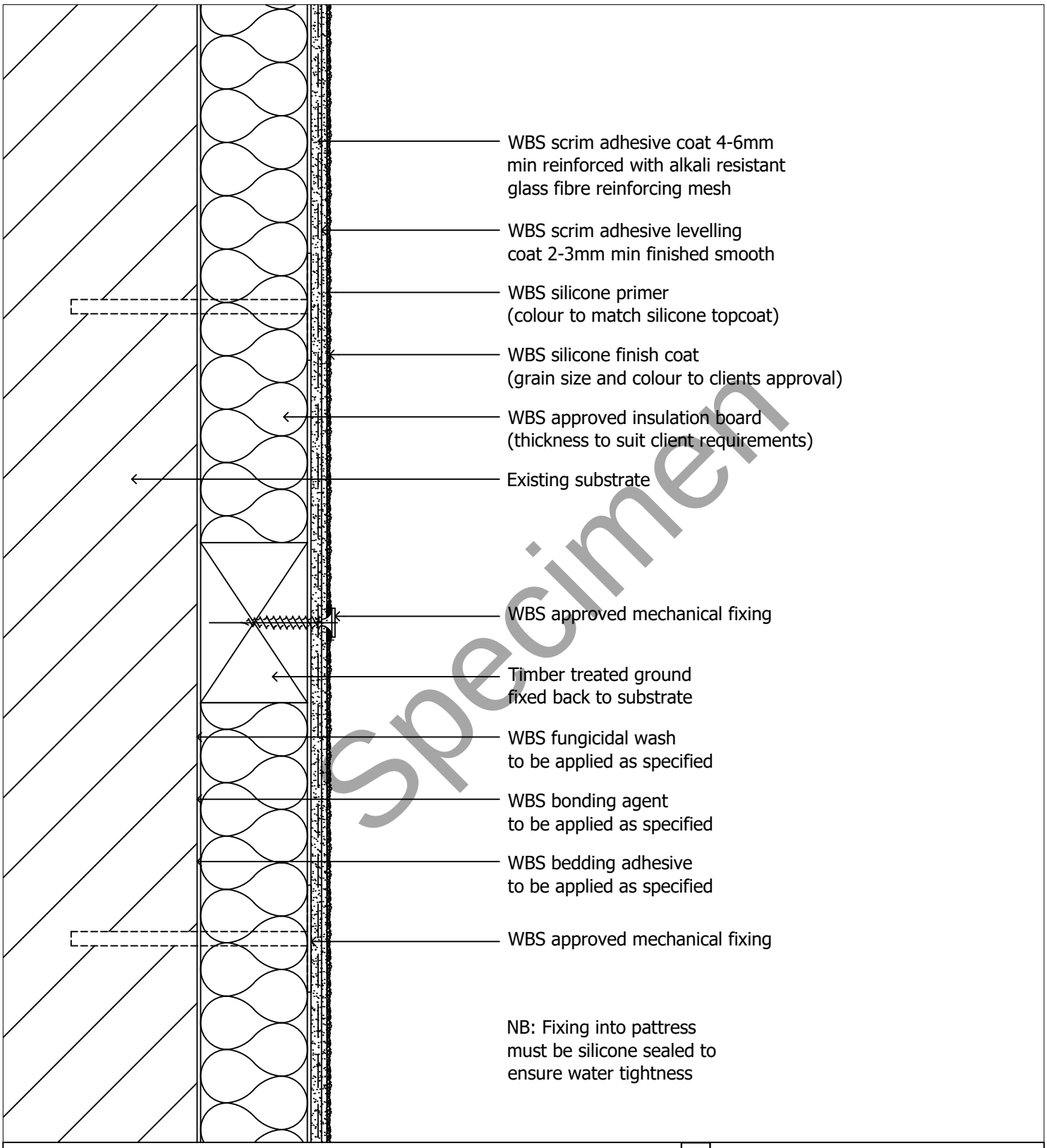

Specimen

drawing. Timber pattress detail

date. Nov 2019 revision. - drawn by. LS scale. nts

drawing no. **EWI-SILICONE-11** drawing set. 04

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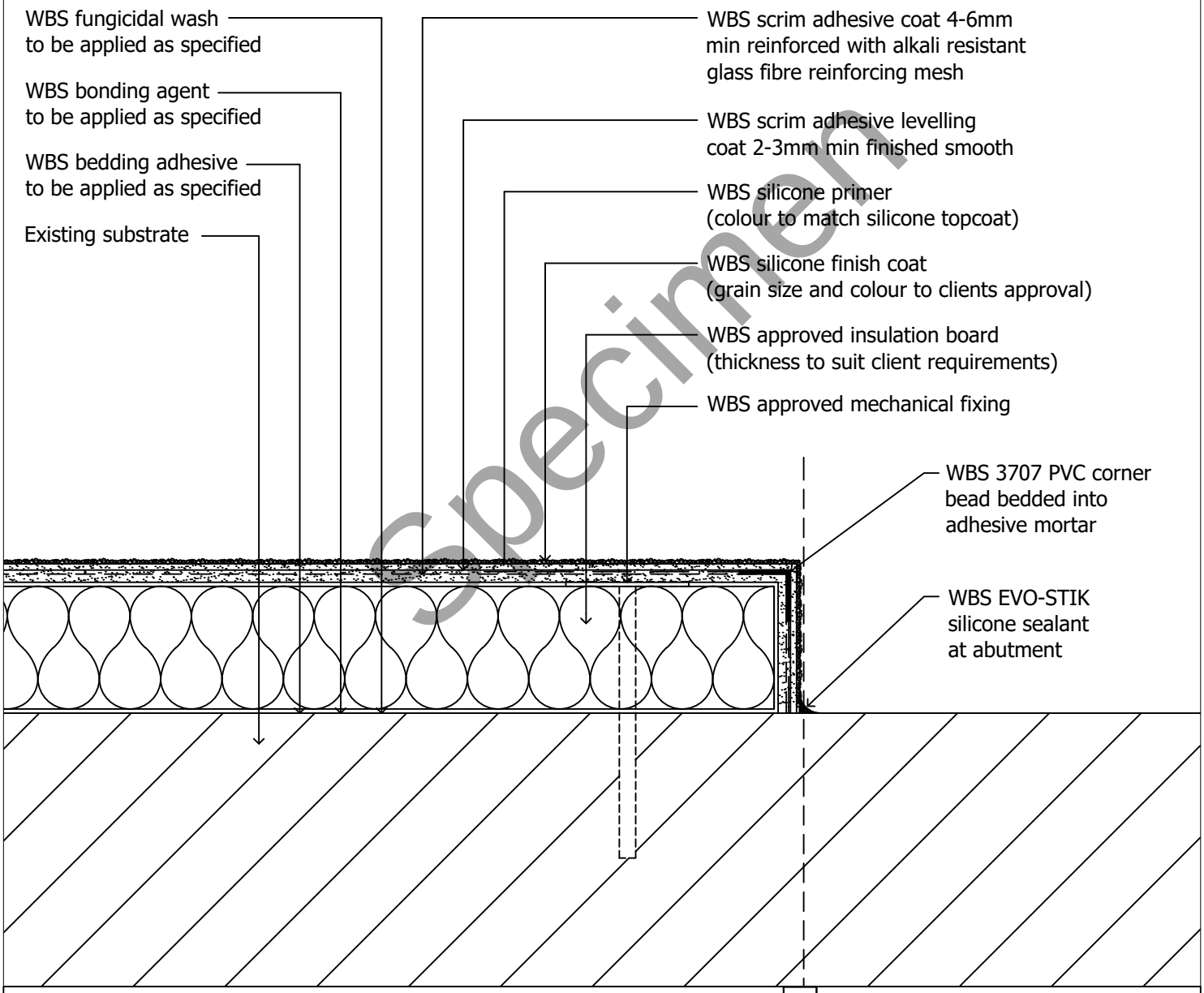

Specimen

drawing. Party wall detail 1 of 2

date. Nov 2019 revision. - drawn by. LS scale. nts

drawing no. **EWI-SILICONE-12A** drawing set. 04

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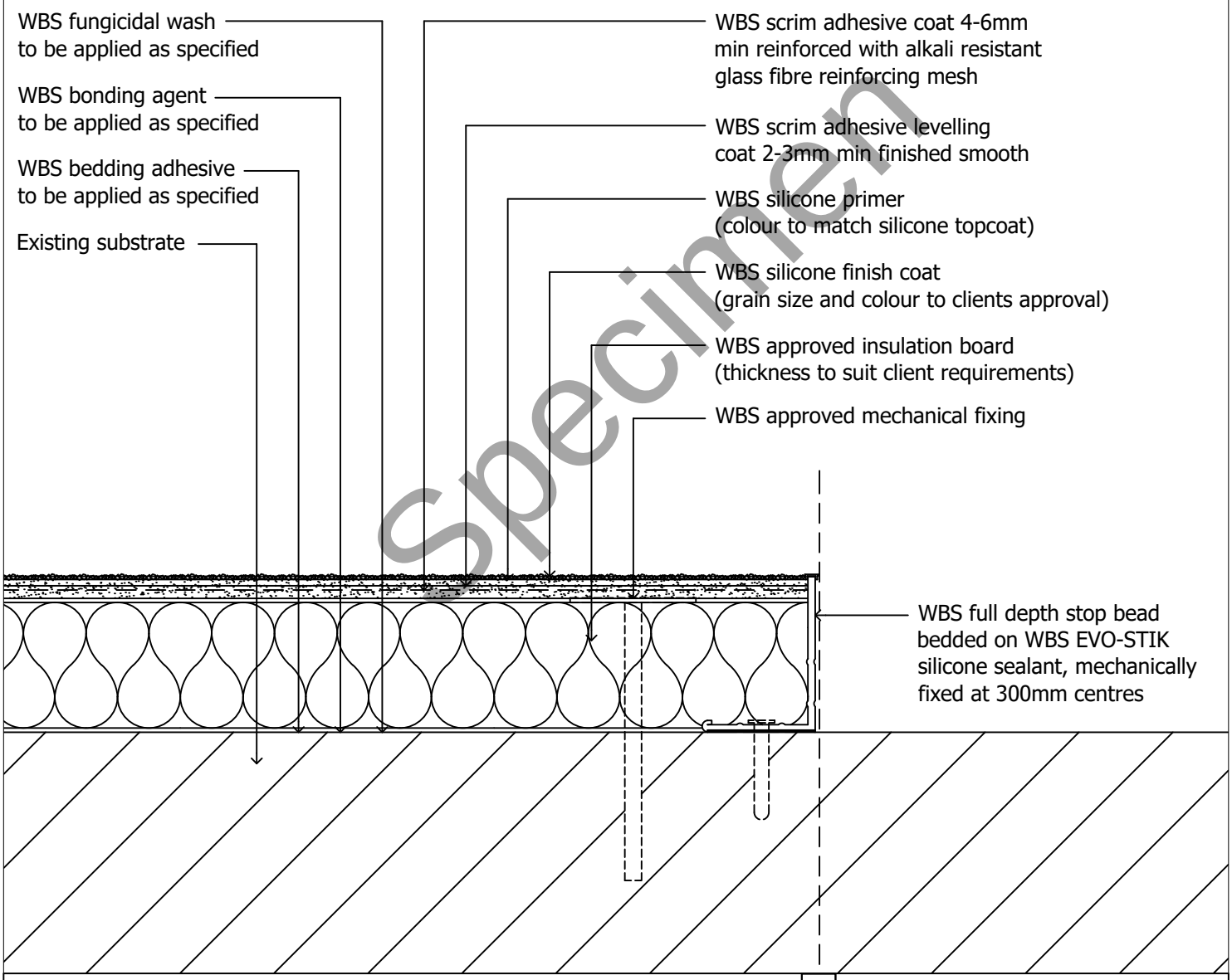

Specimen

drawing. Party wall detail 2 of 2

date. Nov 2019 revision. - drawn by. LS scale. nts

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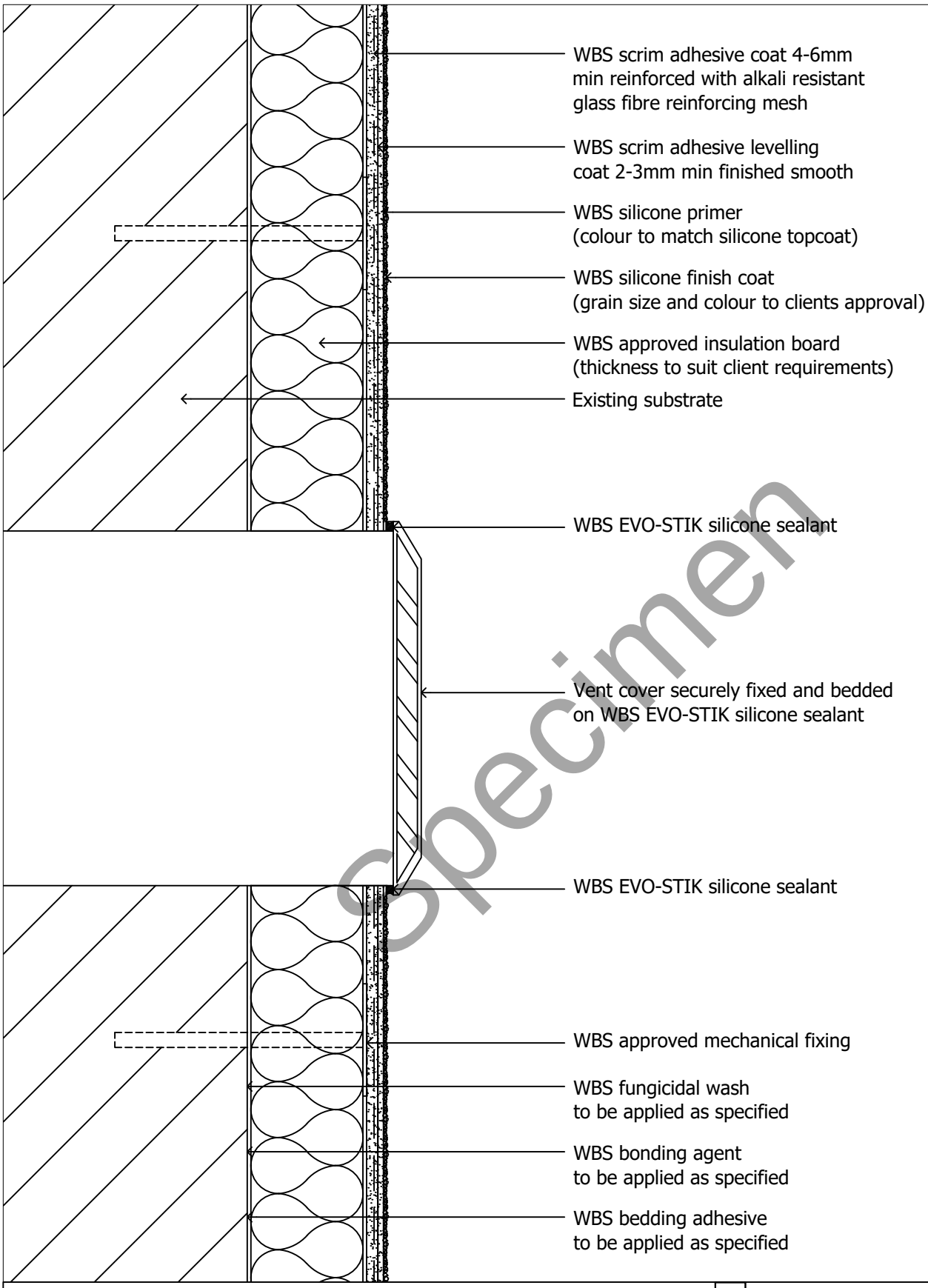

Specimen

drawing. Air vent detail

date. Nov 2019 revision. - drawn by. LS scale. nts

drawing no. **EWI-SILICONE-13** drawing set. 04

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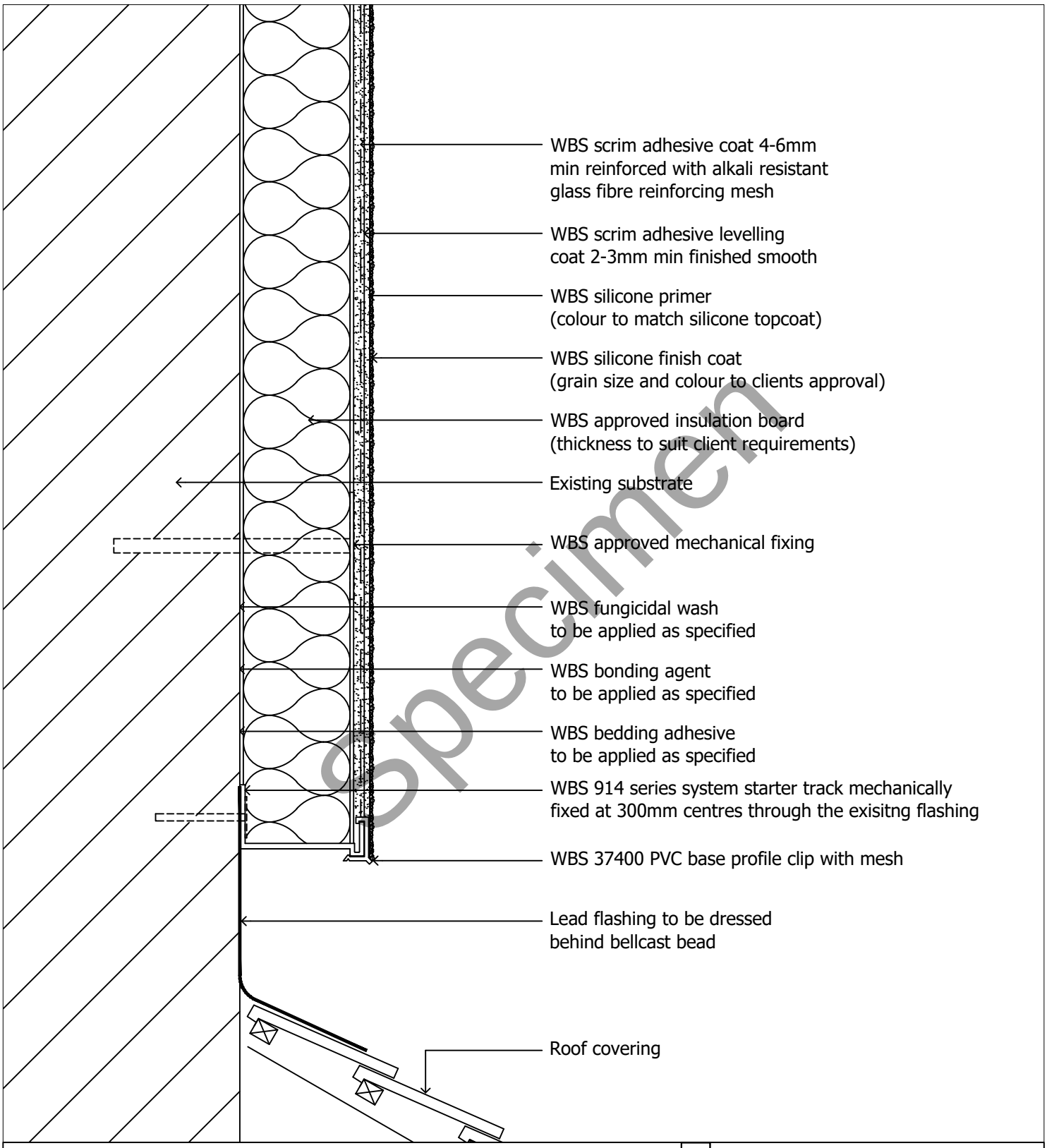

specimen

drawing. Roof junction detail 1 of 2

date. Nov 2019 revision. - drawn by. LS scale. nts

drawing no. **EWI-SILICONE-14A** drawing set. 04

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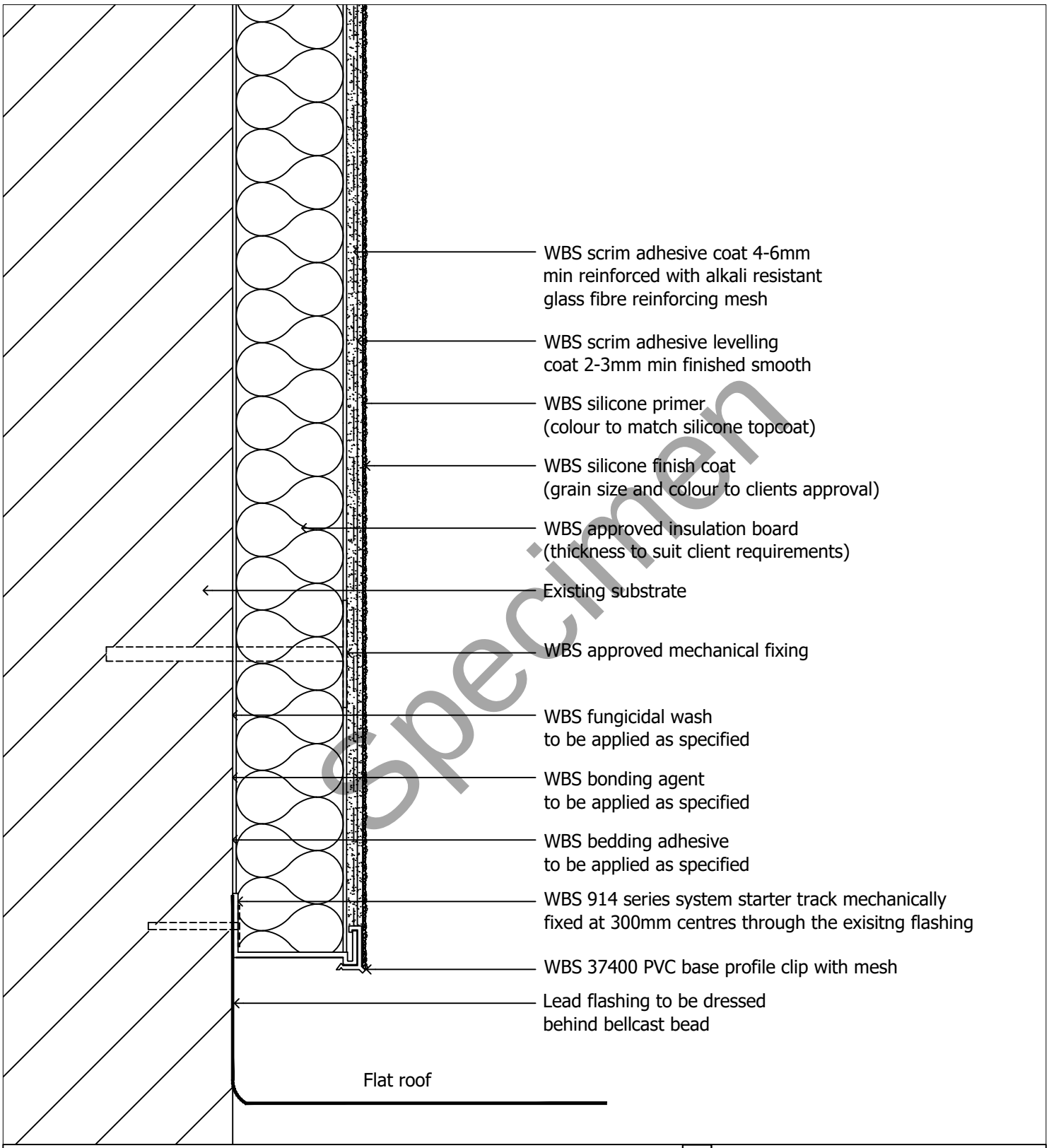

Specimen

drawing. Roof junction detail 2 of 2

date. Nov 2019 revision. - drawn by. LS scale. nts

drawing no. **EWI-SILICONE-14B** drawing set. 04

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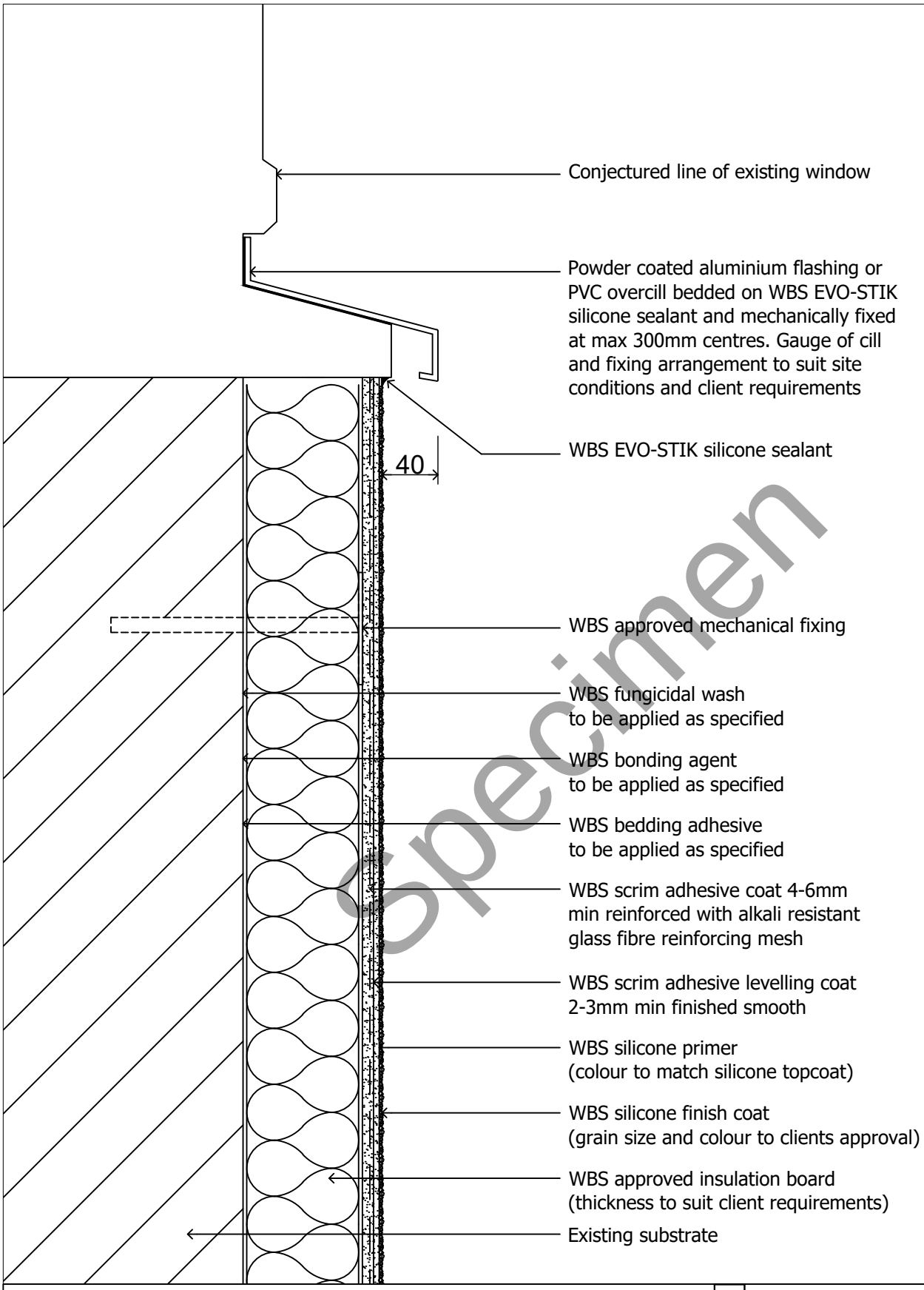

Specimen

drawing. Overcill detail

date. Nov 2019 revision. - drawn by. LS scale. nts

drawing no. **EWI-SILICONE-15** drawing set. 04

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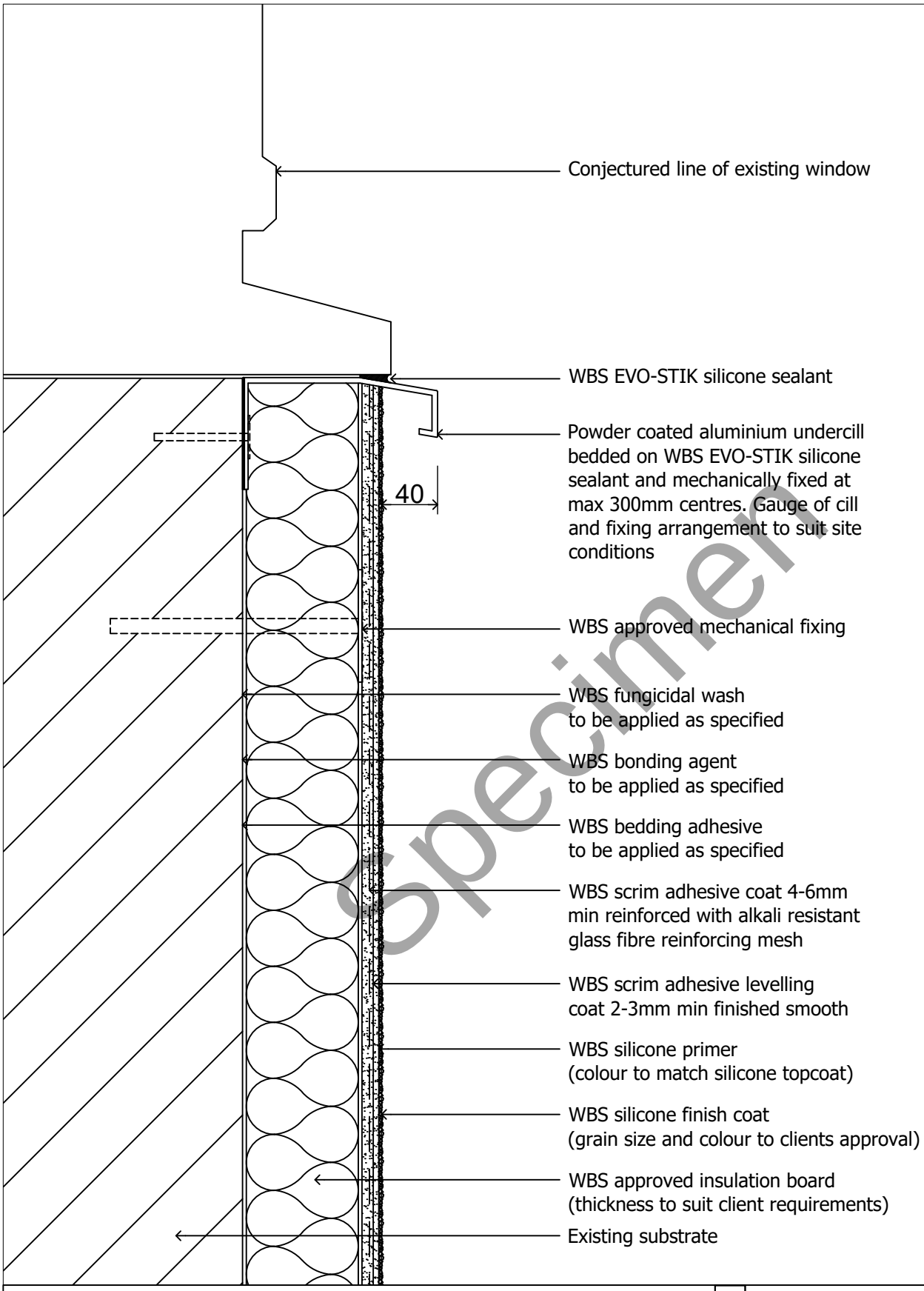

Specimen

drawing. Undercill detail

date. Nov 2019 revision. - drawn by. LS scale. nts

drawing no. **EWI-SILICONE-16** drawing set. 04

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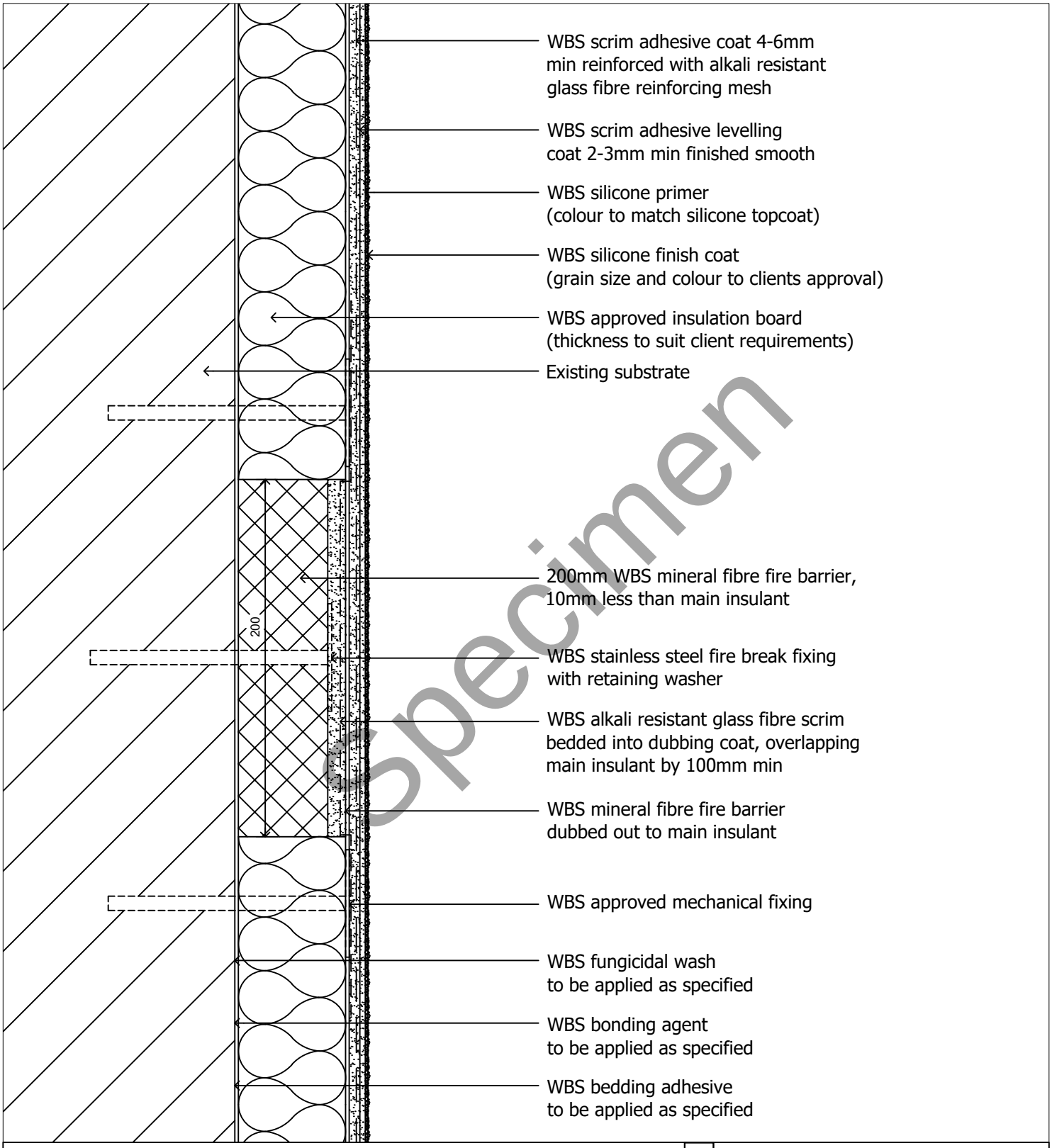

Specimen

drawing. Fire barrier detail

date. Nov 2019 revision. - drawn by. LS scale. nts

drawing no. **EWI-SILICONE-17** drawing set. 04

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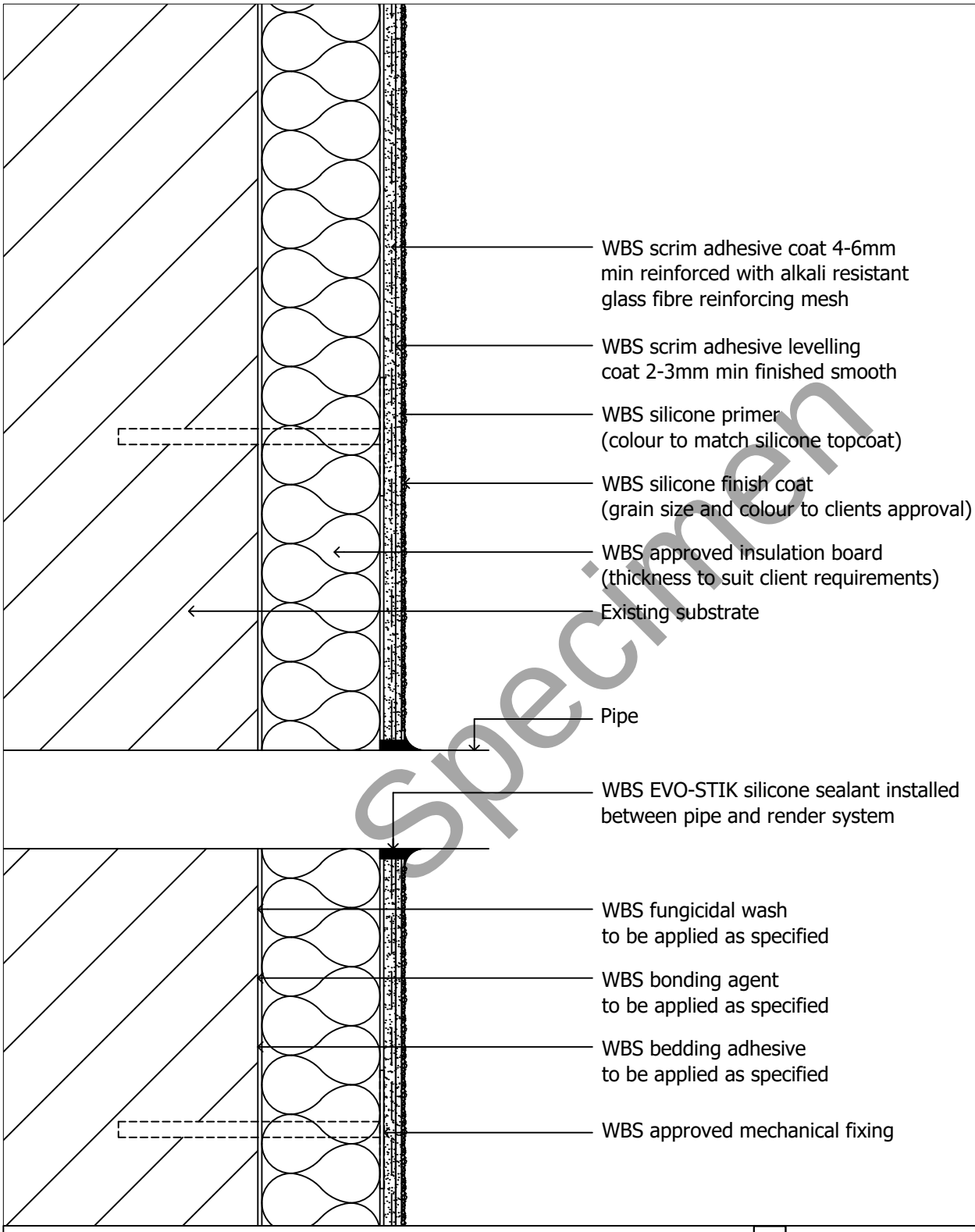

Specimen

drawing. Pipe detail

date. Nov 2019 revision. - drawn by. LS scale. nts

drawing no. **EWI-SILICONE-18** drawing set. 04

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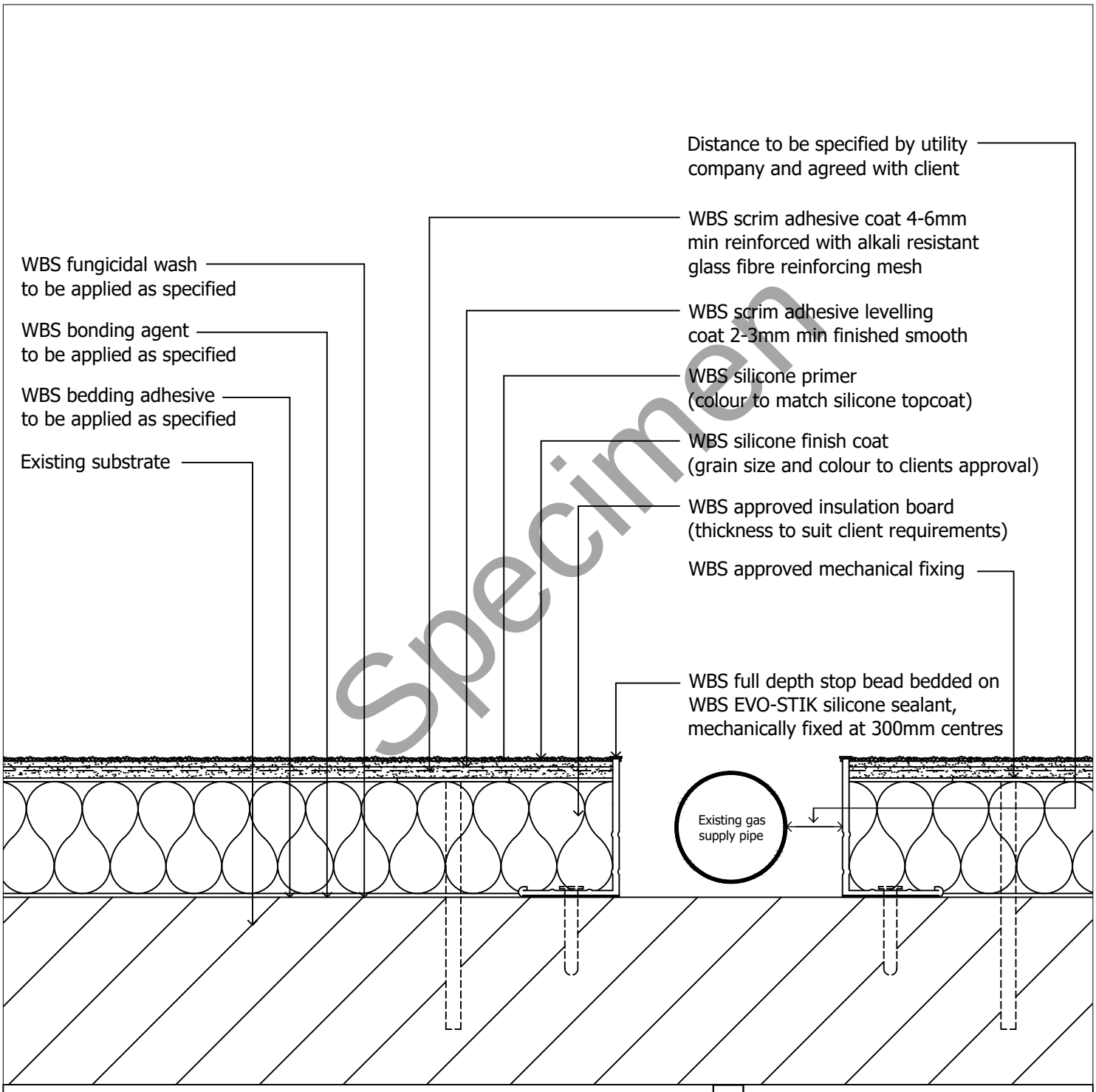

Specimen

drawing. Gas pipe detail (1 of 2)

date. Nov 2019 revision. - drawn by. LS scale. nts

drawing no. **EWI-SILICONE-19A** drawing set. 04

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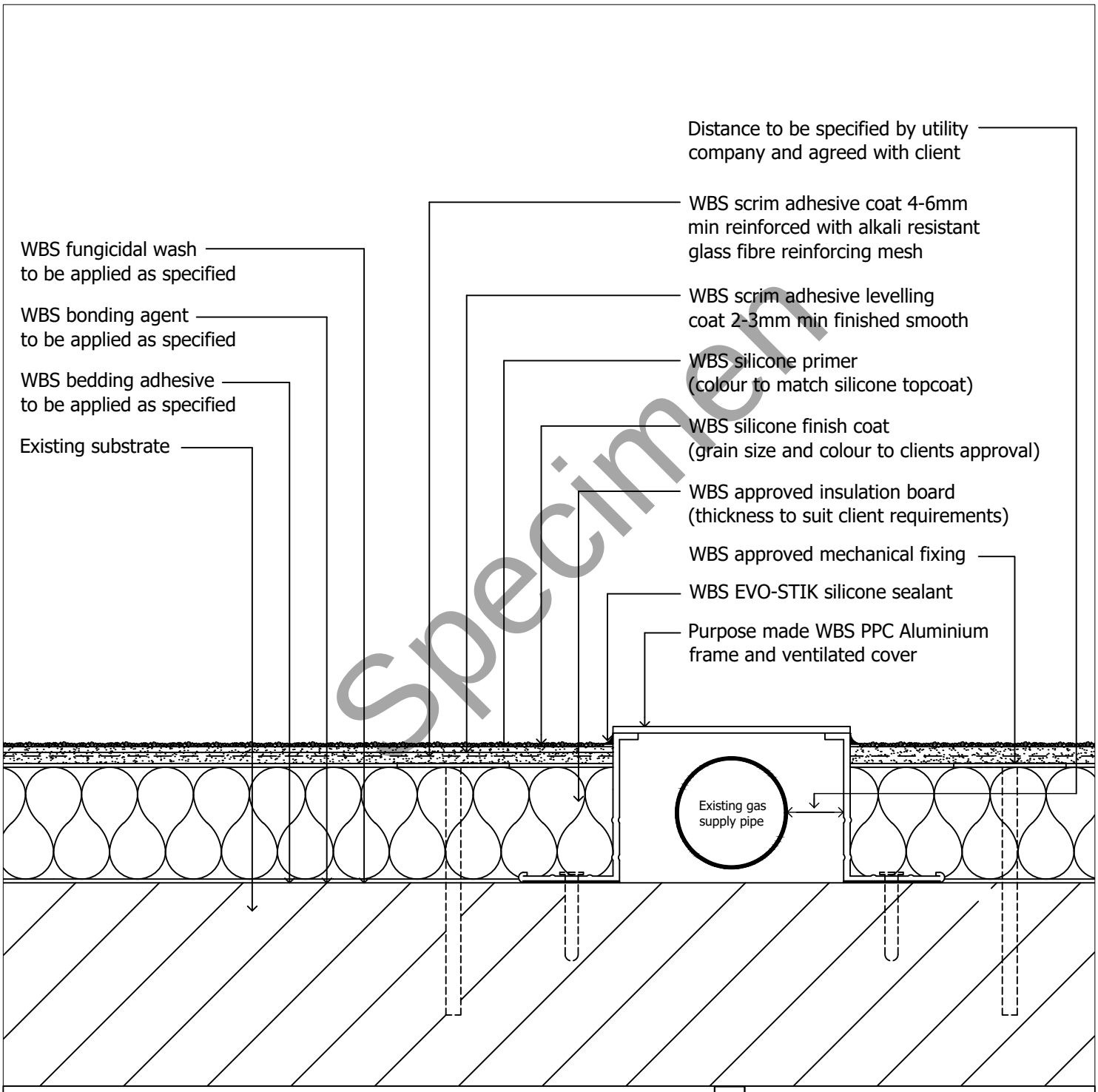

Specimen

drawing. Gas pipe detail (2 of 2)

date. Nov 2019 revision. - drawn by. LS scale. nts

drawing no. **EWI-SILICONE-19B** drawing set. 04

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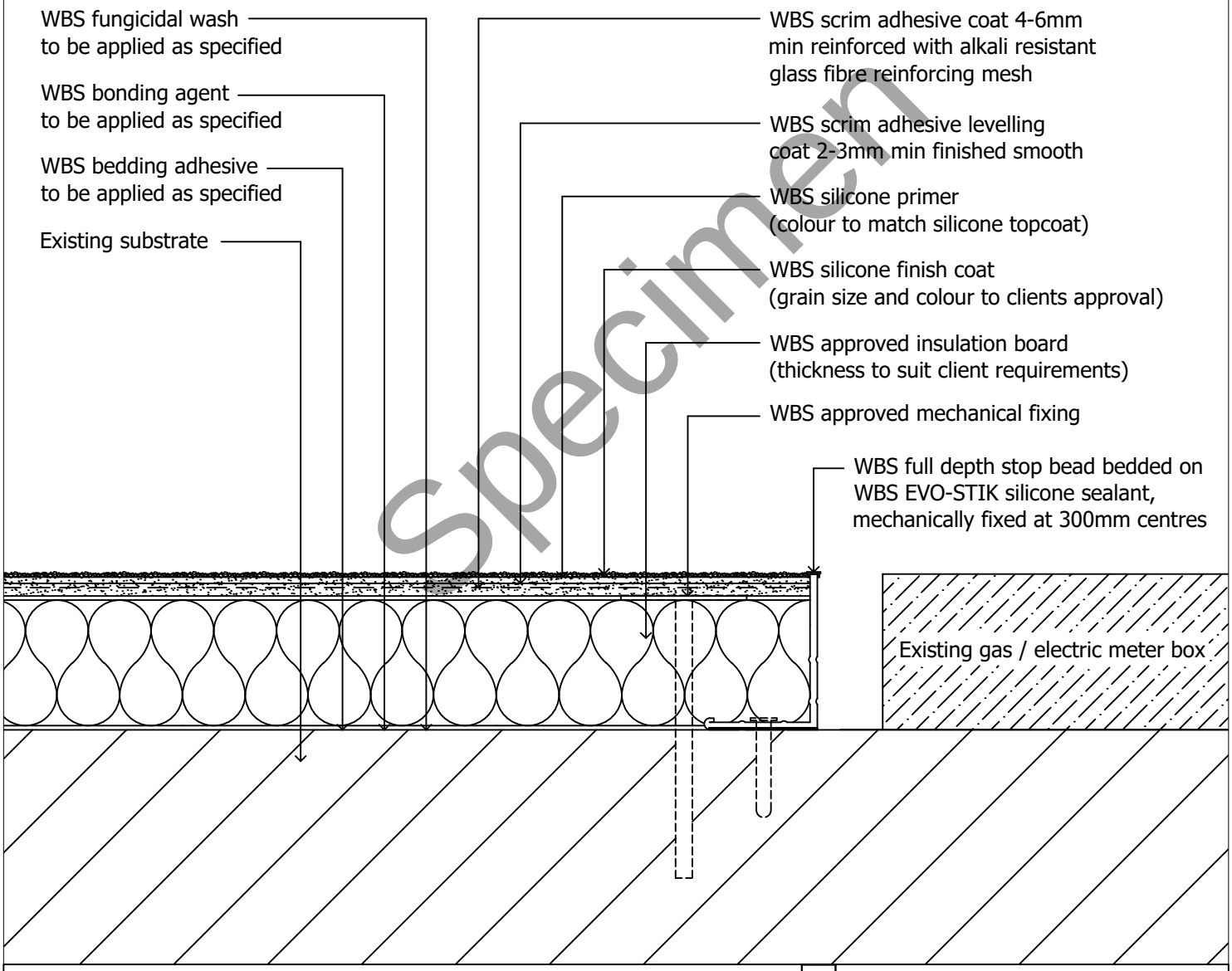

Specimen

drawing. Service box detail

date. Nov 2019 revision. - drawn by. LS scale. nts

drawing no. **EWI-SILICONE-20** drawing set. 04

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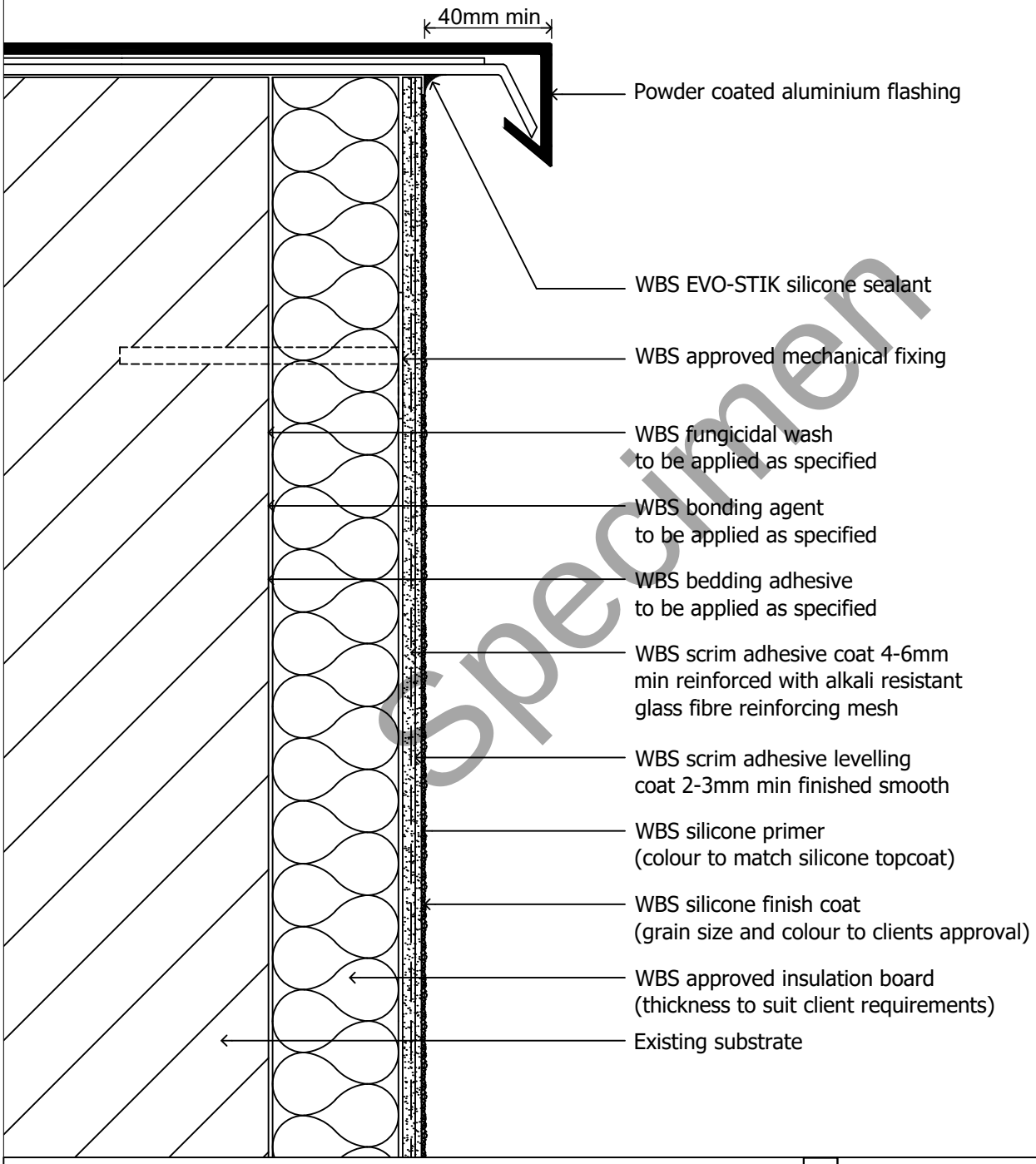

Specimen

drawing. Parapet detail

date. Nov 2019 revision. - drawn by. LS scale. nts

drawing no. **EWI-SILICONE-21** drawing set. 04

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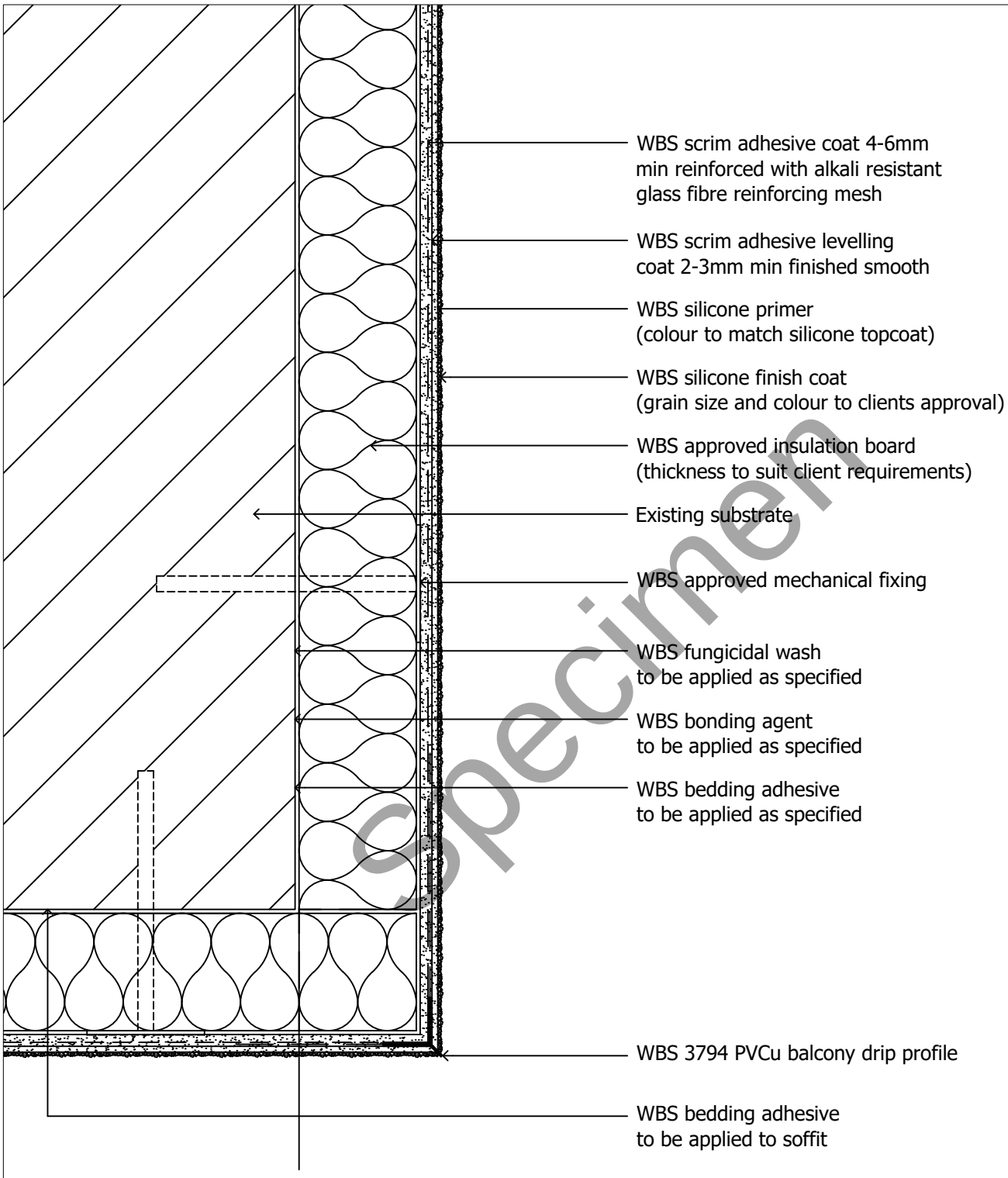

Specimen

drawing. Soffit detail

date. Nov 2019 revision. - drawn by. LS scale. nts

drawing no. **EWI-SILICONE-22** drawing set. 04

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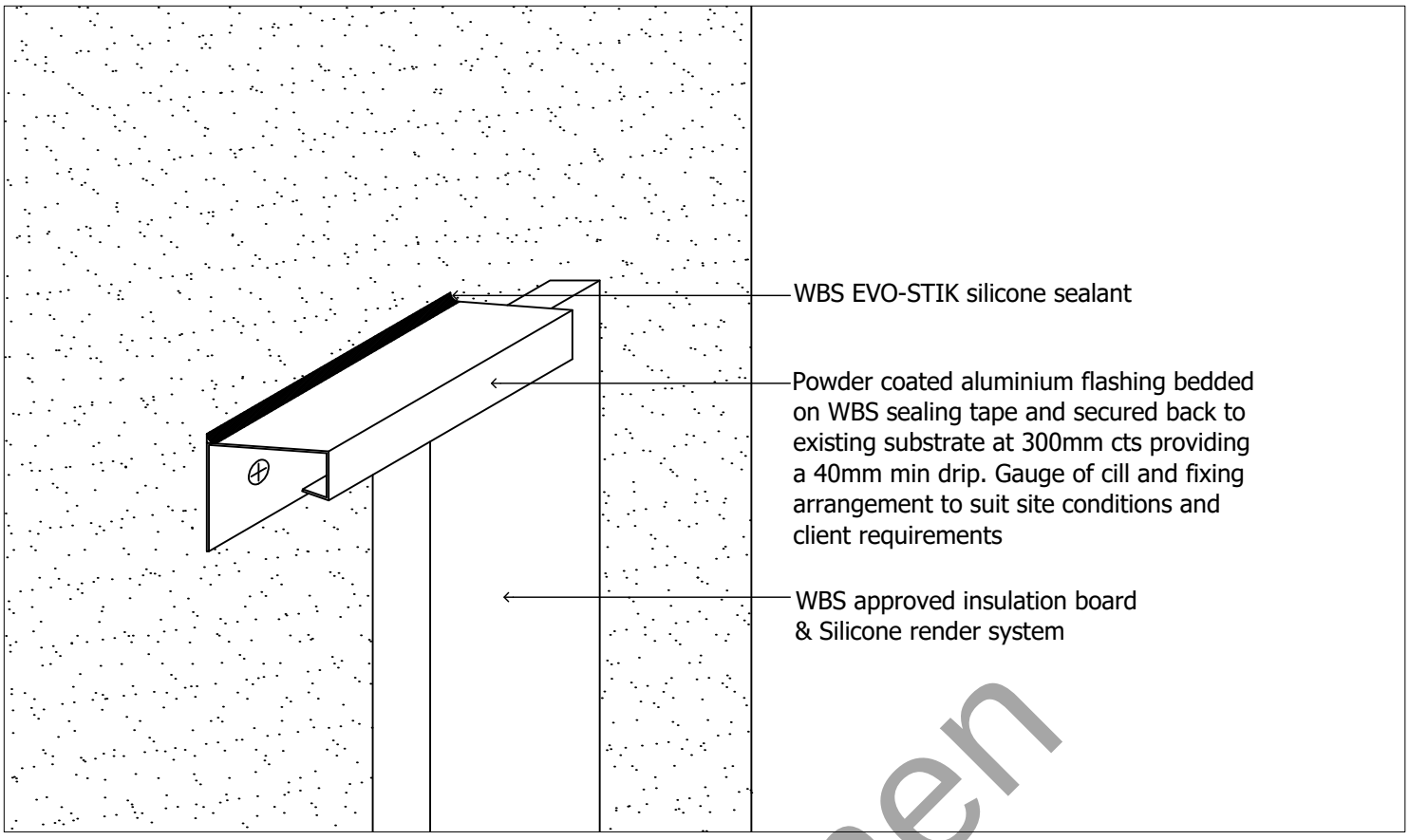

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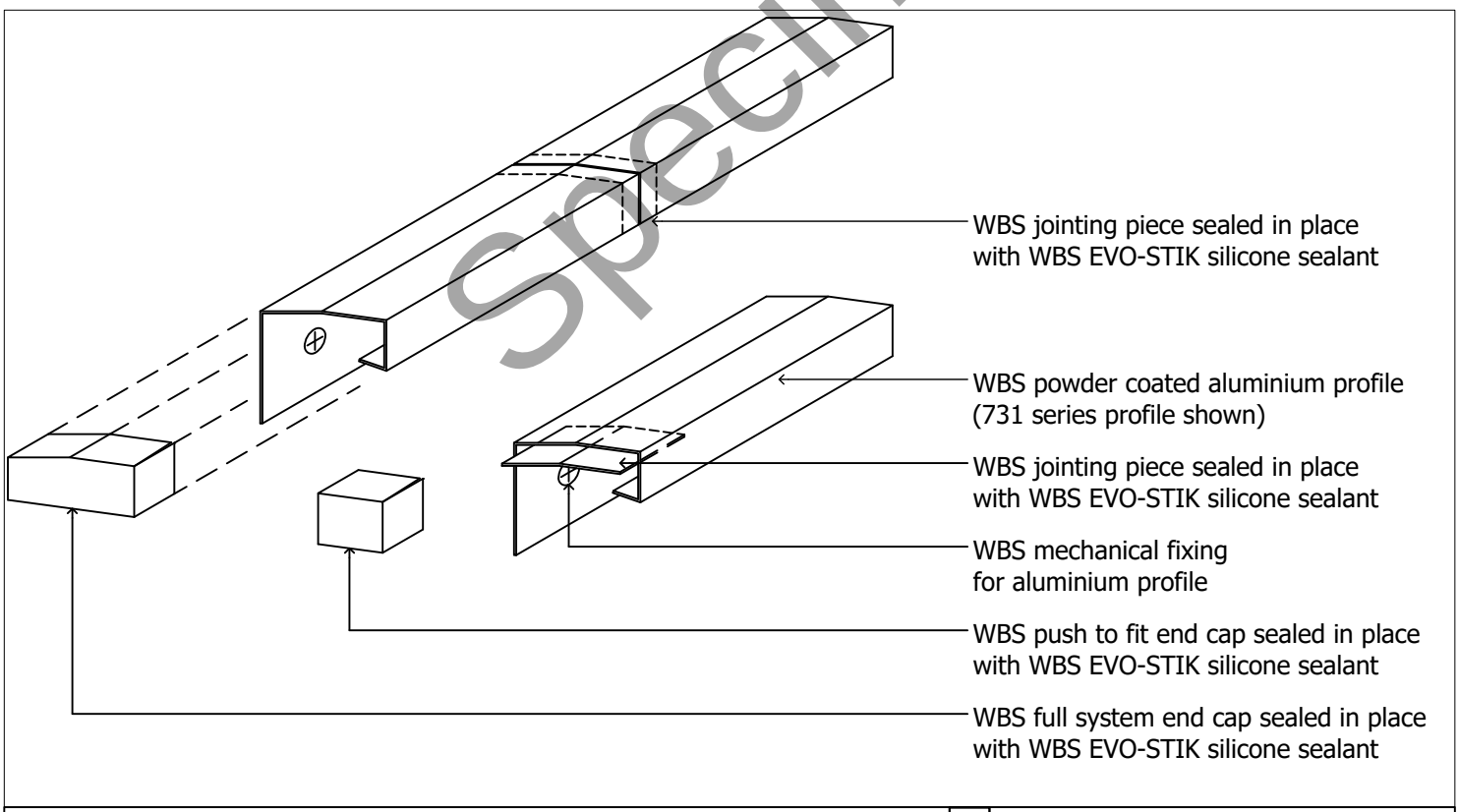

drawing. Trims & flashings detail

date. Nov 2019 revision. - drawn by. LS scale. nts

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

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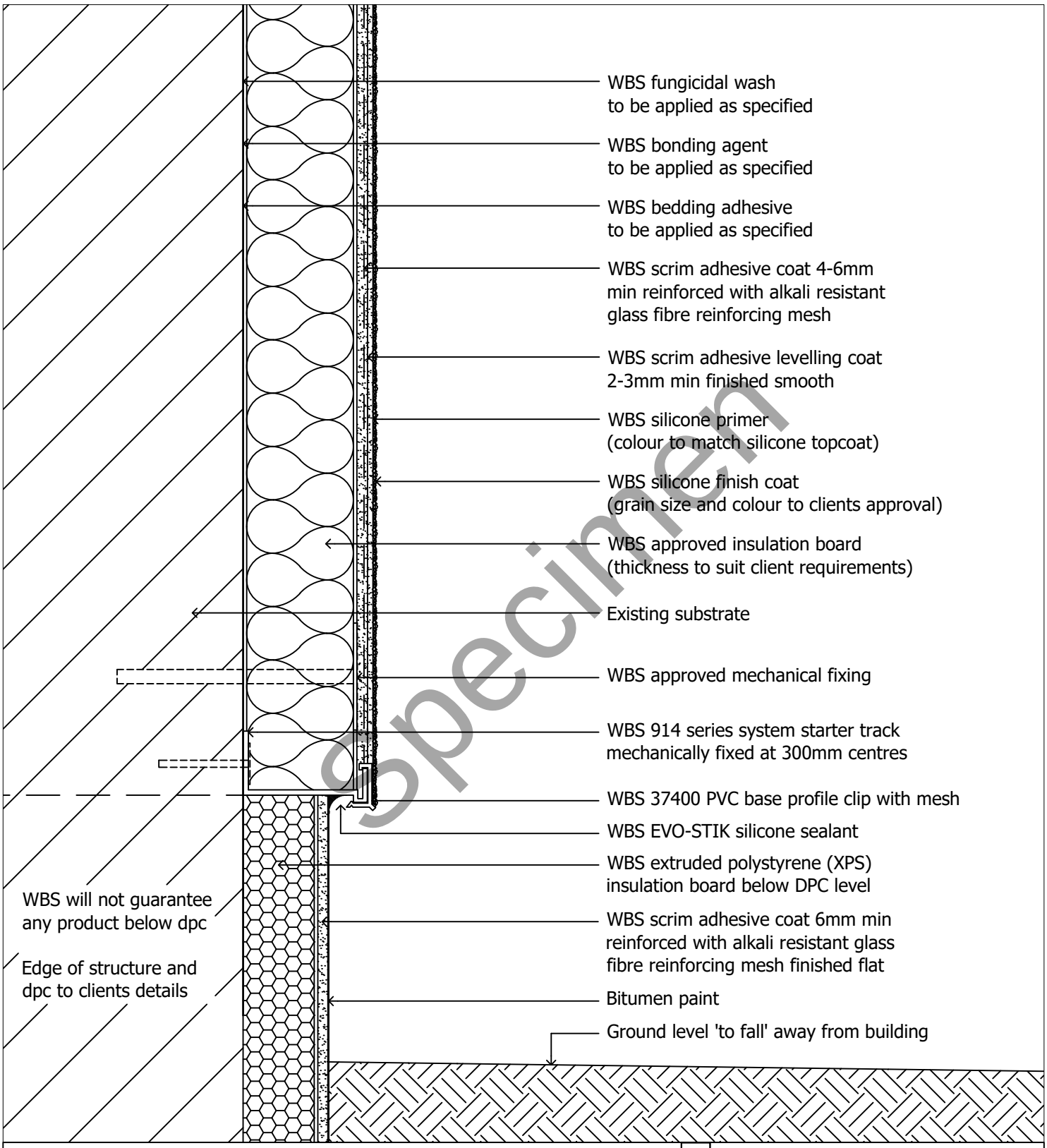

Specimen

drawing. DPC detail

date. Nov 2019 revision. - drawn by. LS scale. nts

drawing no. **EWI-SILICONE-24** drawing set. 04

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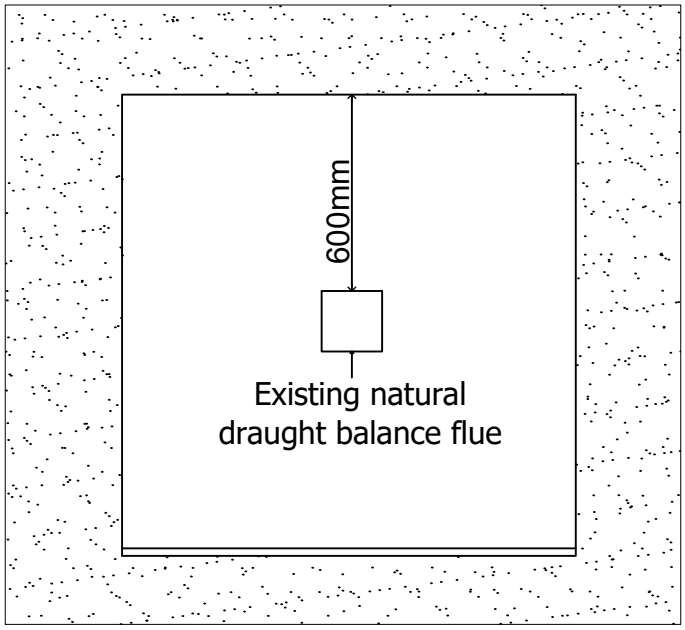
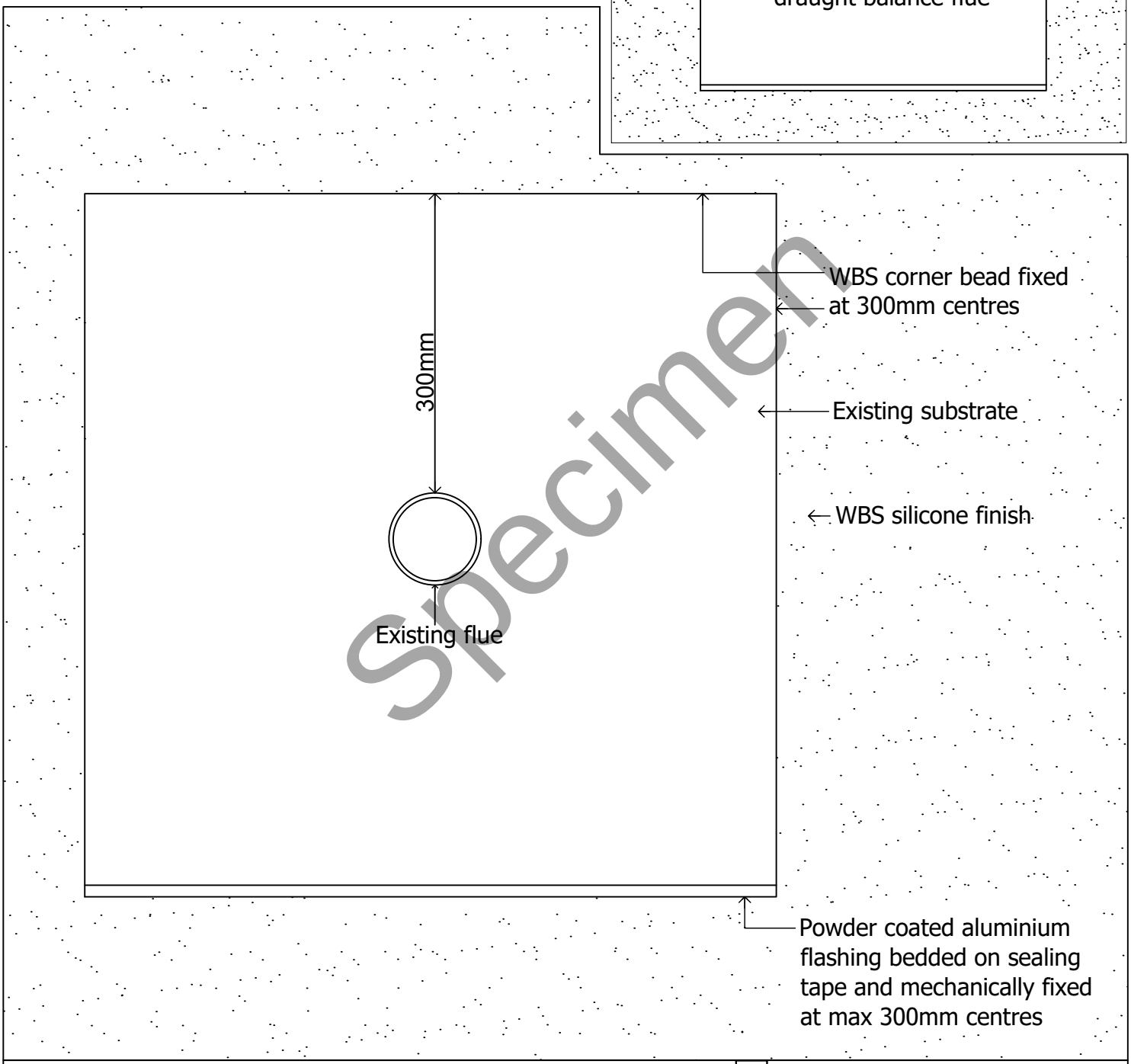
N.B. 600mm minimum clearance required around natural draught balance flue





Specimen

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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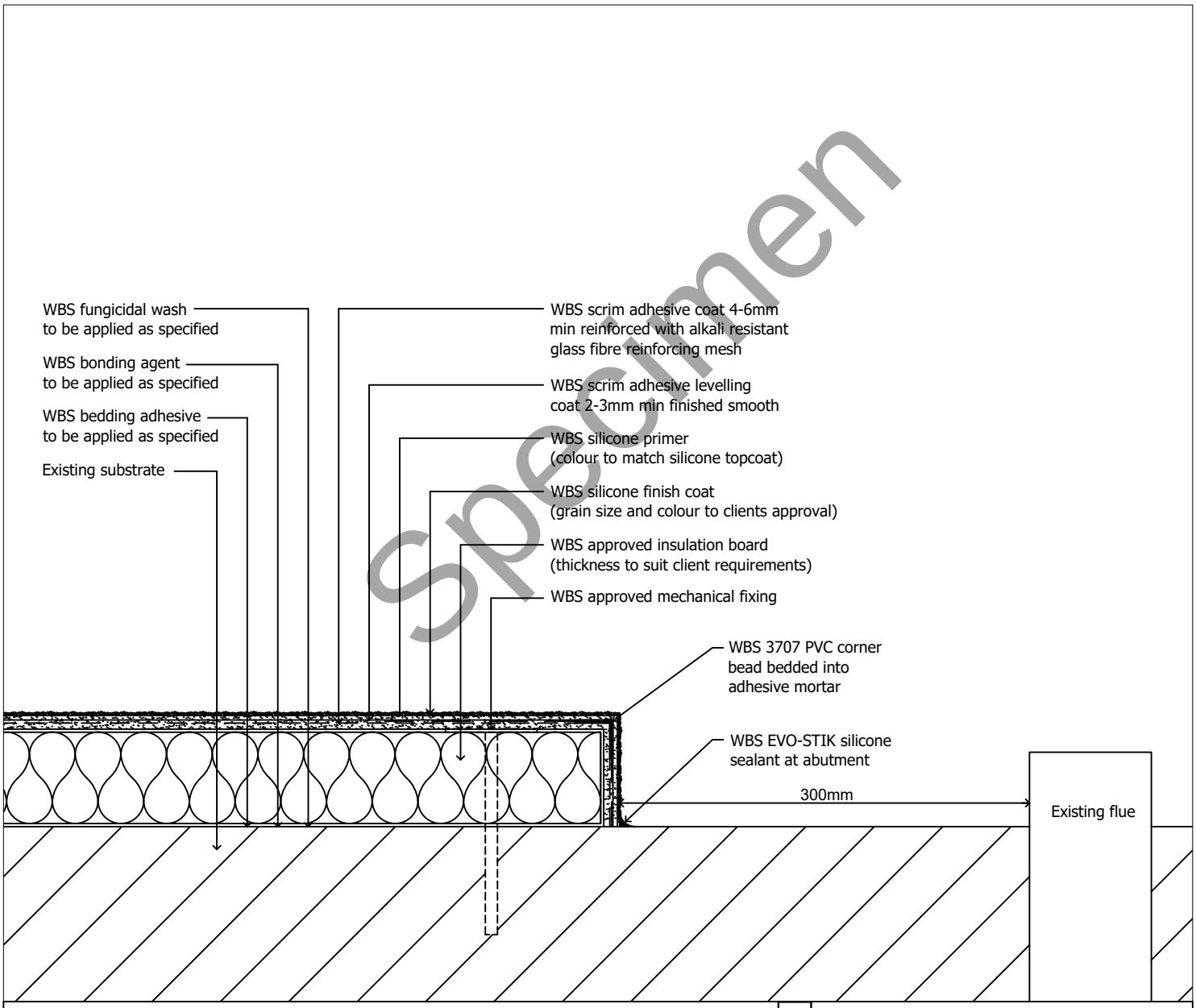
around natural draught balance flue



Specimen

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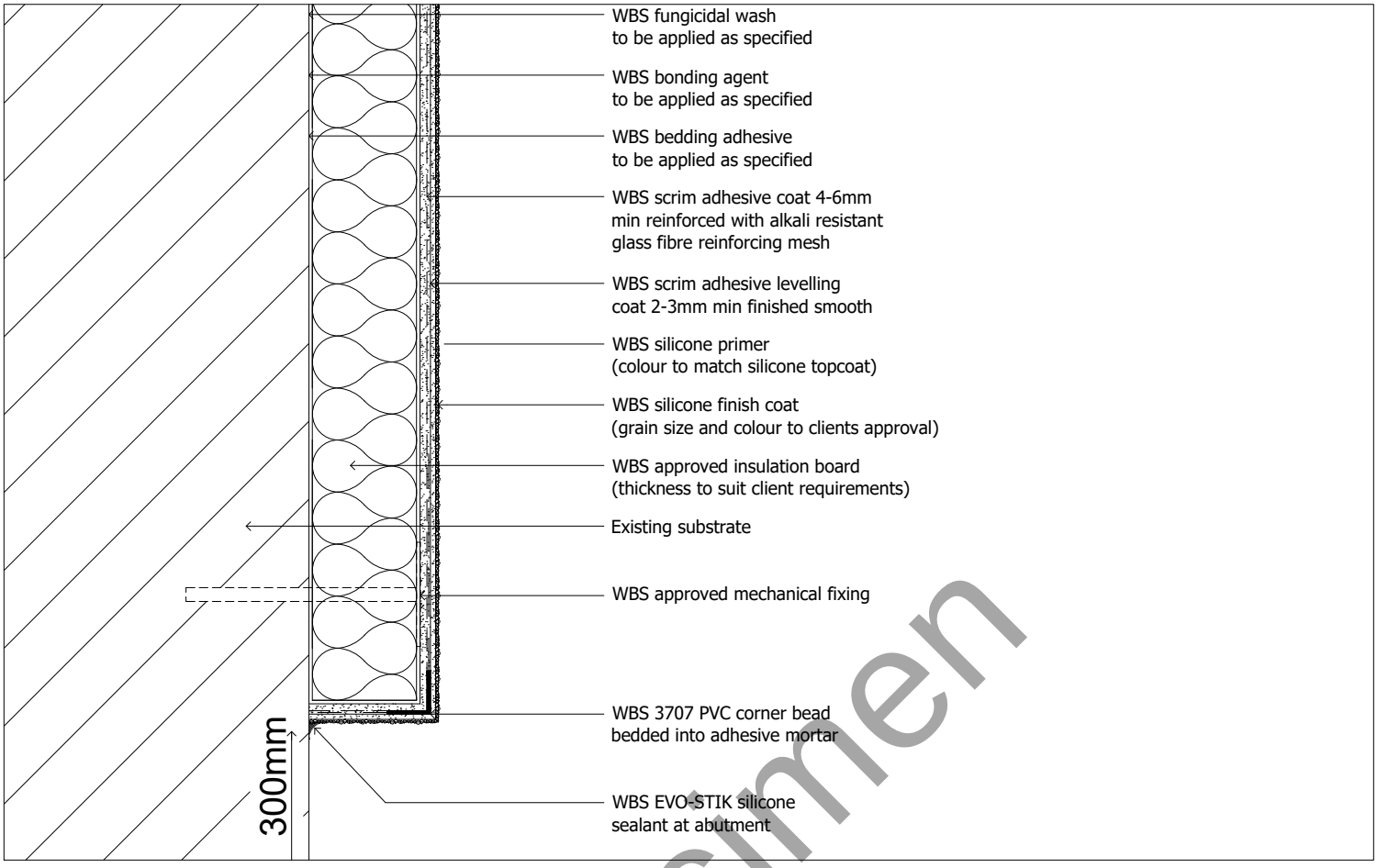
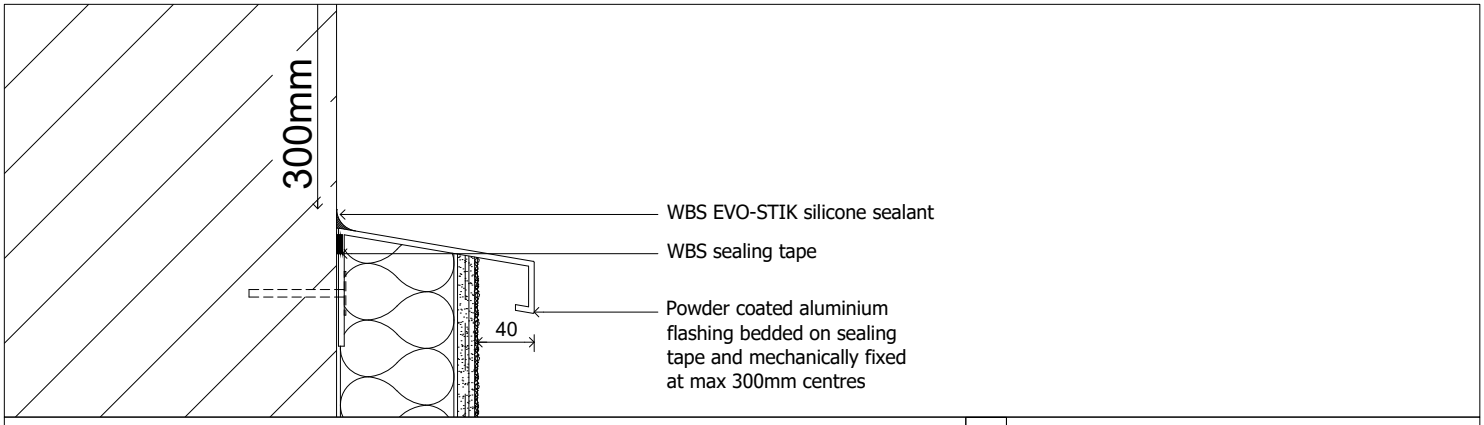
N.B. 600mm minimum clearance required
around natural draught balance flue





Specimen

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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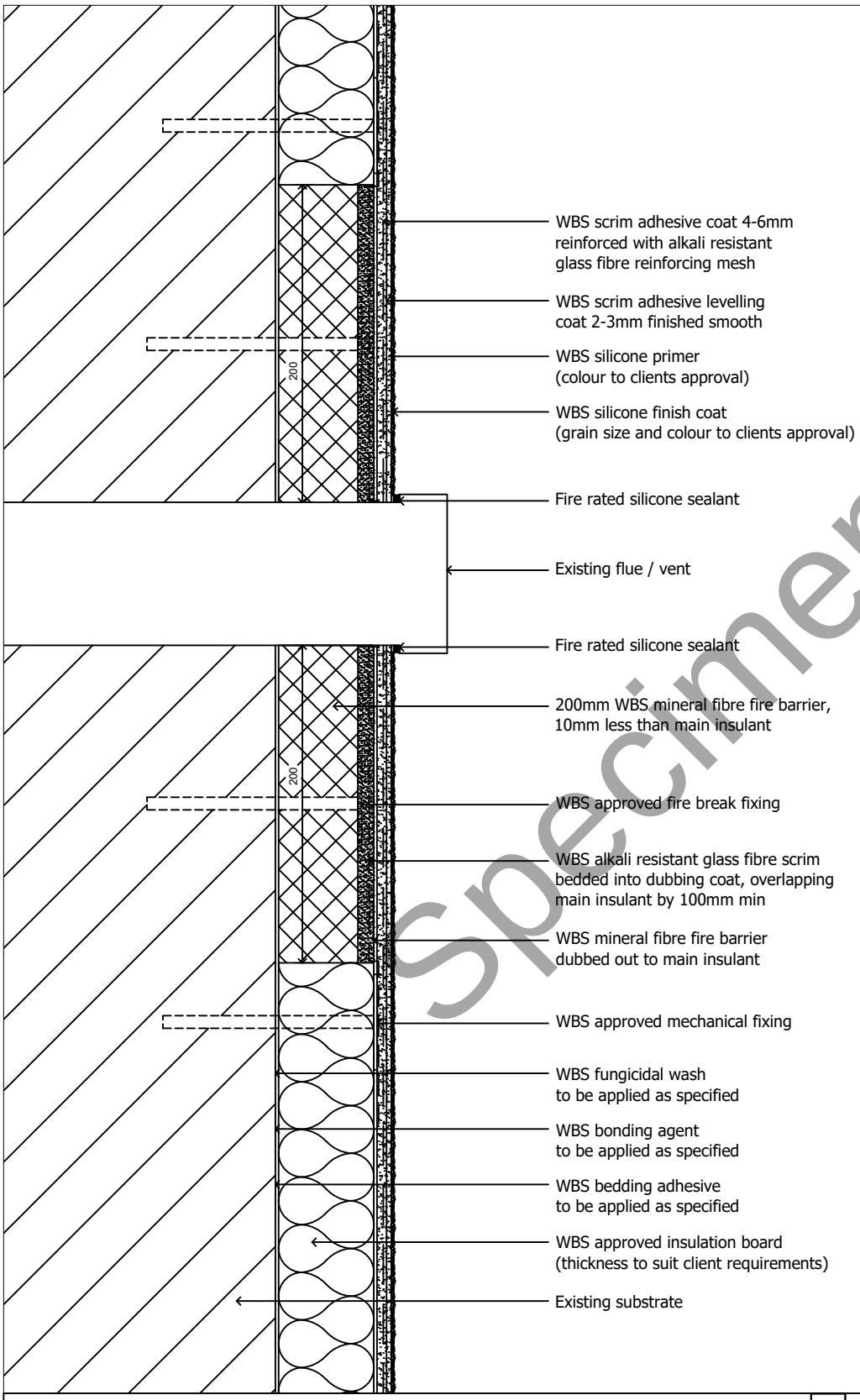

Specimen

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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