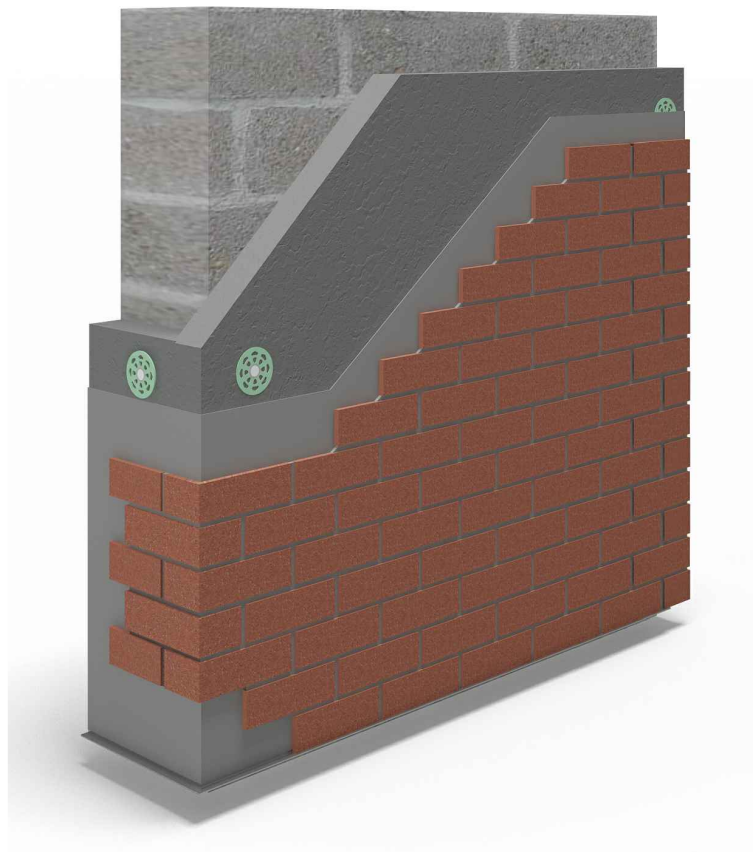




Wetherby Building Systems

External Wall Insulation Detail Drawings Insulation & 7mm Brick Slip 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
reinforced with alkali resistant glass fibre
reinforcing mesh bedded into top third

WBS approved mechanical fixing installed at a rate of
1 per m2 through mesh and basecoat whilst wet with
100mm x 100mm stress patches over fixing head

WBS brick slip adhesive →

WBS 7mm brick slips
(colour to clients approval) →

WBS pointing mortar →

drawing. **Isometric - System build up**

date. **Nov 2019**

revision. -

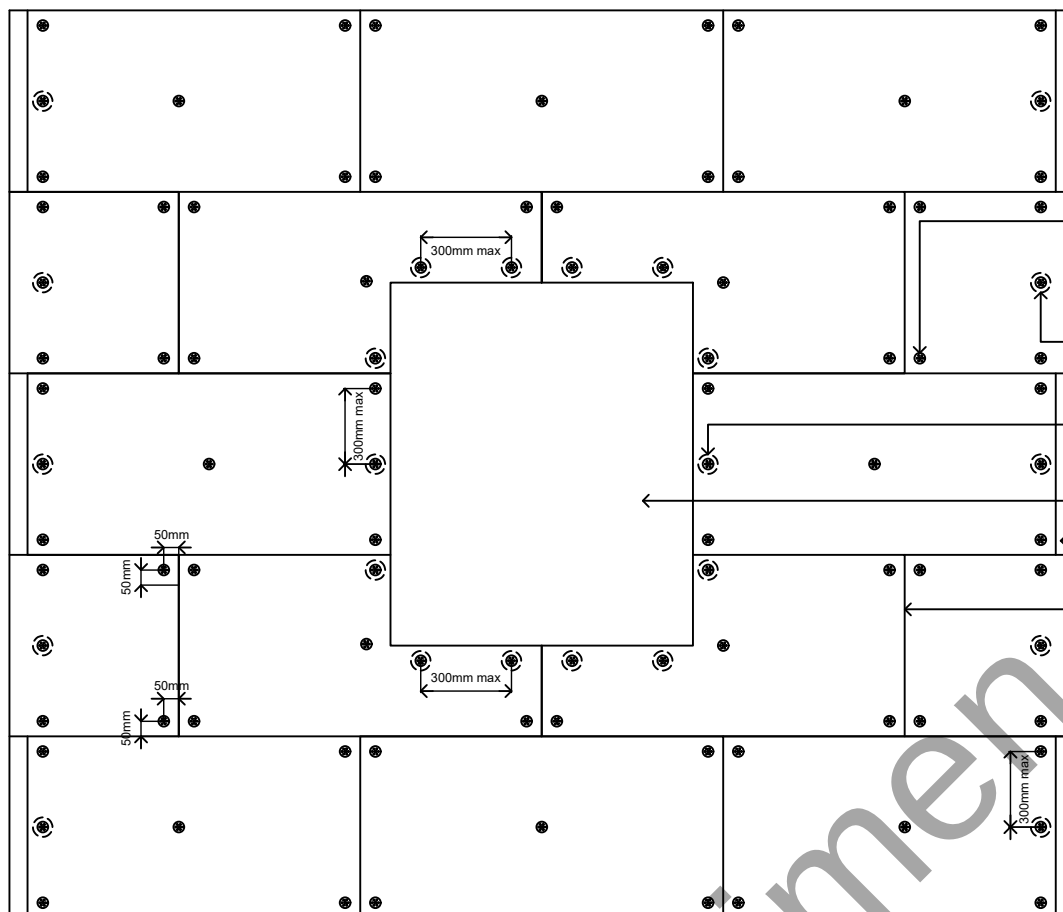
drawn by. LS

scale. **nts**

drawing no. **EWI-7MM BSLIP-01**



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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

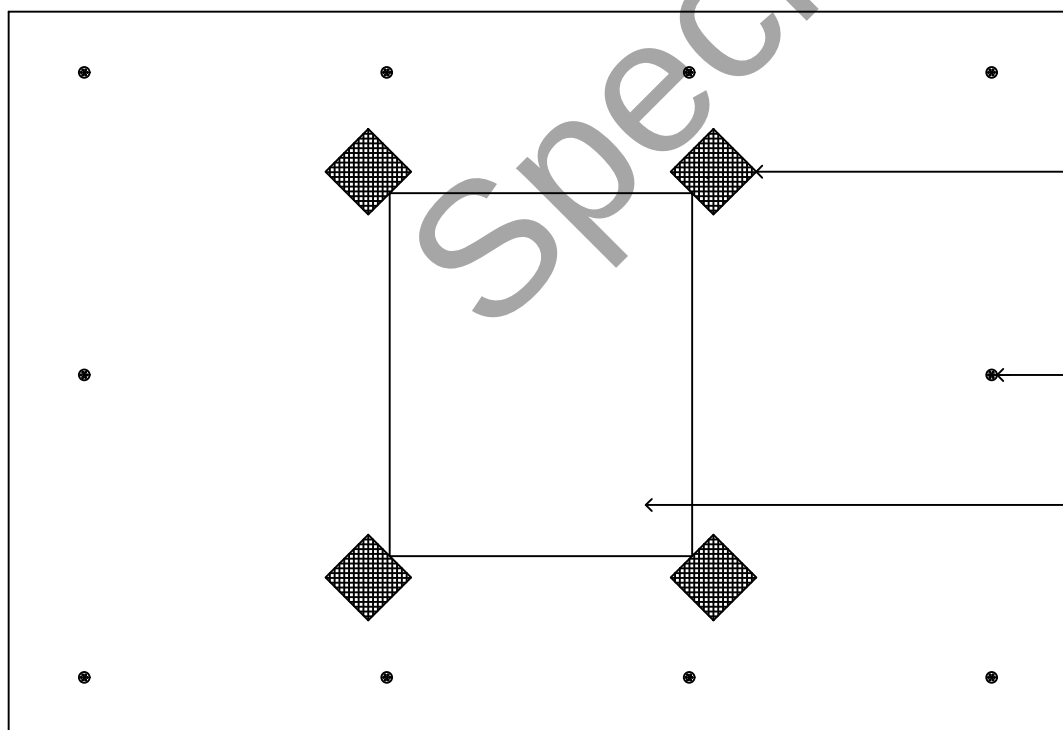
Window / door opening

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 with
100 x 100mm scrim patch to be
applied over fixing head

Secondary fixings need to be
stainless steel on all buildings
2 storeys and above



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

Secondary fixing at a rate of 1 fixing
per m² installed through the glass
fibre mesh. 100 x 100mm scrim
patch to be applied over fixing head

Window / door opening

drawing. Fixing arrangement

date. Nov 2019

revision. -

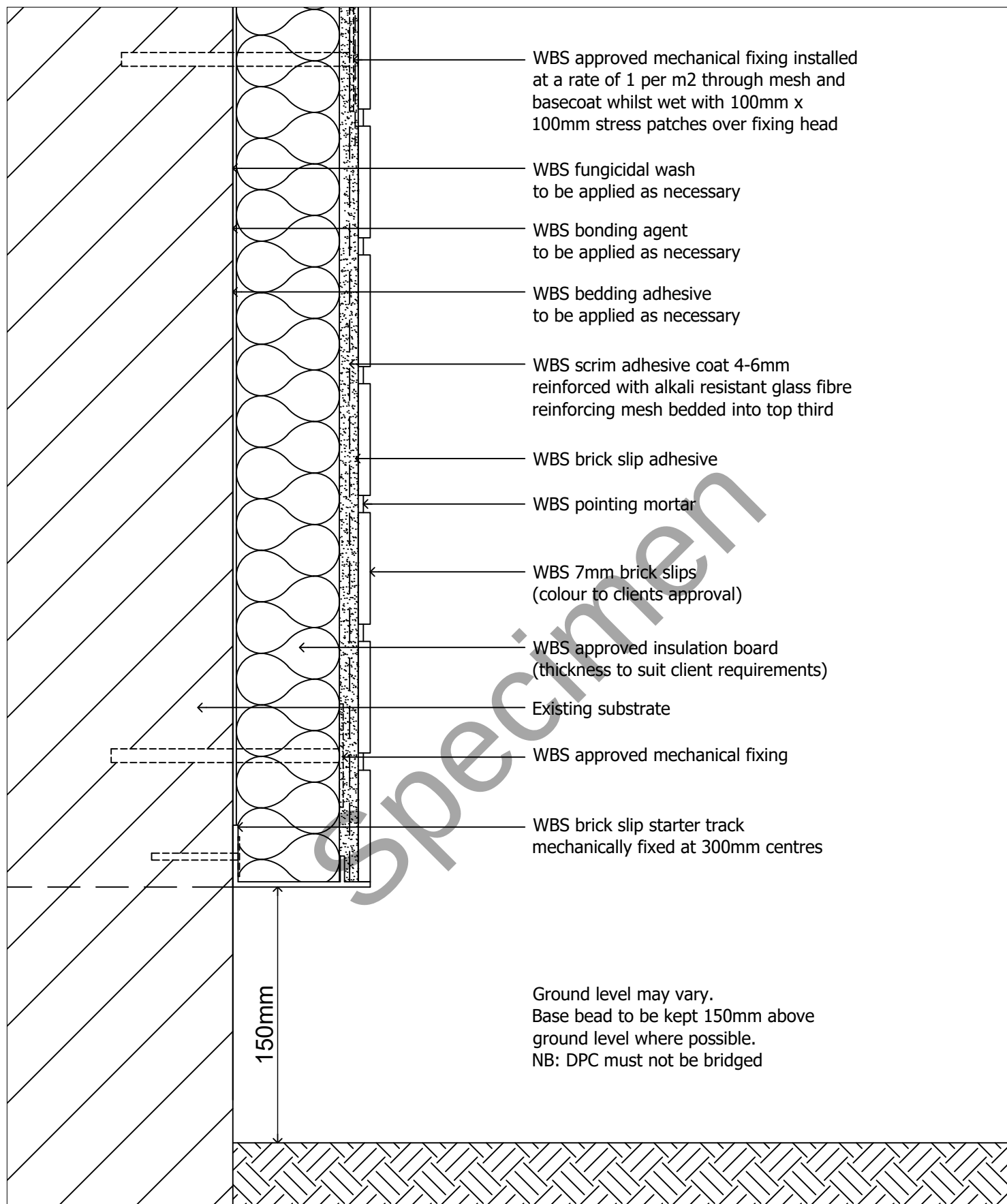
drawn by. LS

scale. nts

drawing no. **EWI-7MM BSLIP-02**



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drawing. **Base bead detail**

date. **Nov 2019**

revision. -

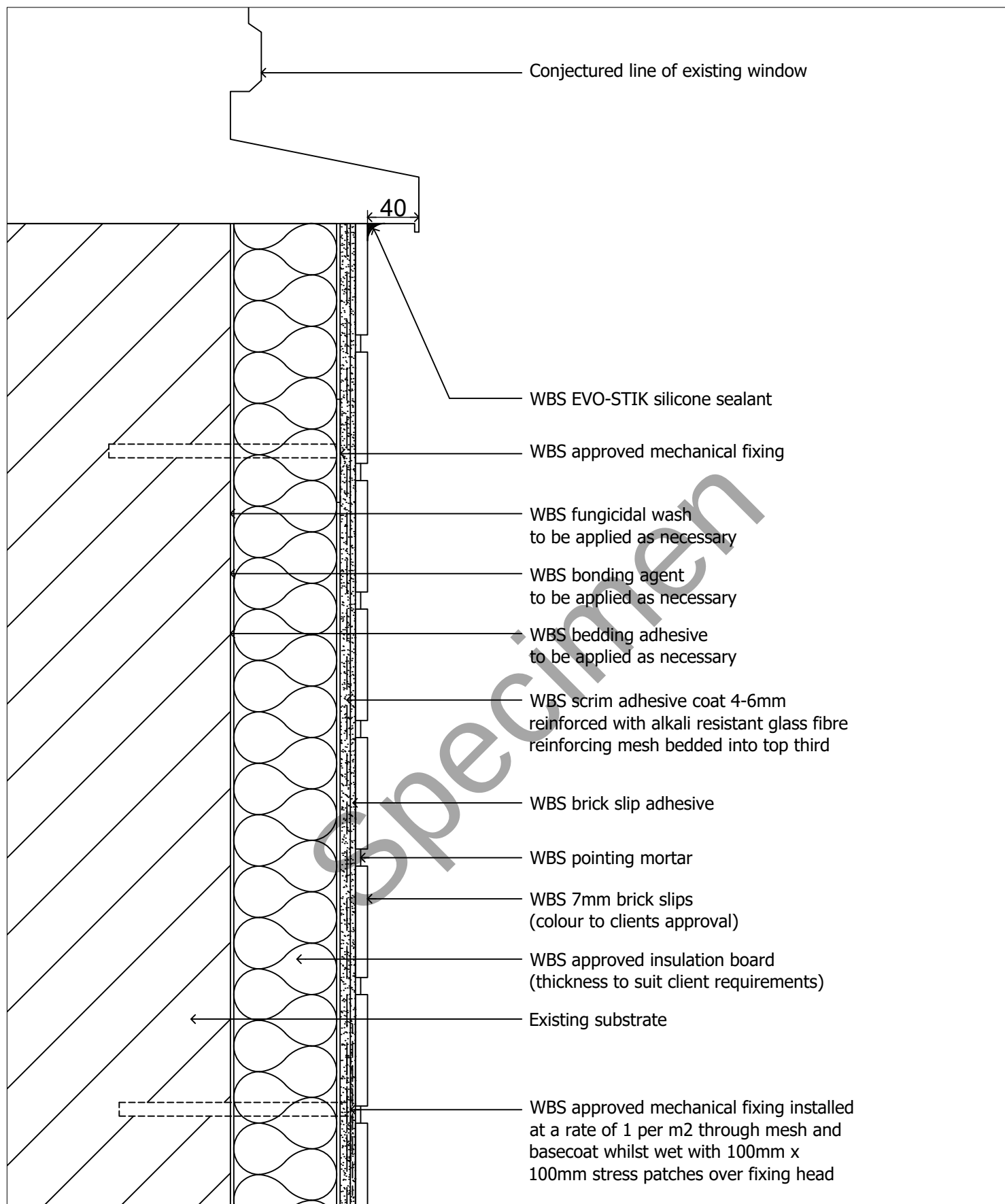
drawn by. **LS**

scale. **nts**

drawing no. **EWI-7MM BSLIP-03**



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drawing. **Window cill detail**

date. **Nov 2019**

revision. -

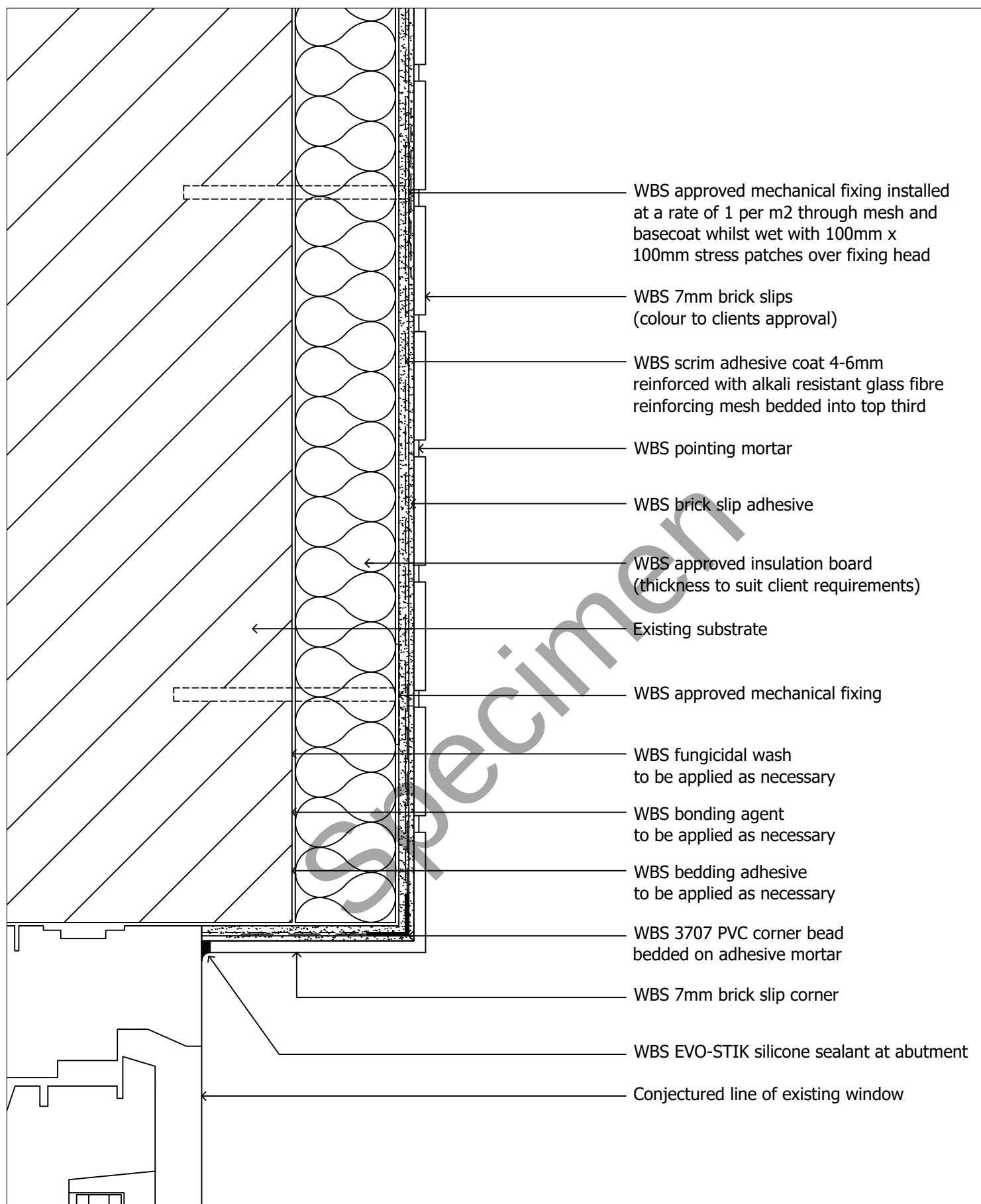
drawn by. **LS**

scale. **nts**

drawing no. **EWI-7MM BSLIP-04**



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

date. Nov 2019

revision. -

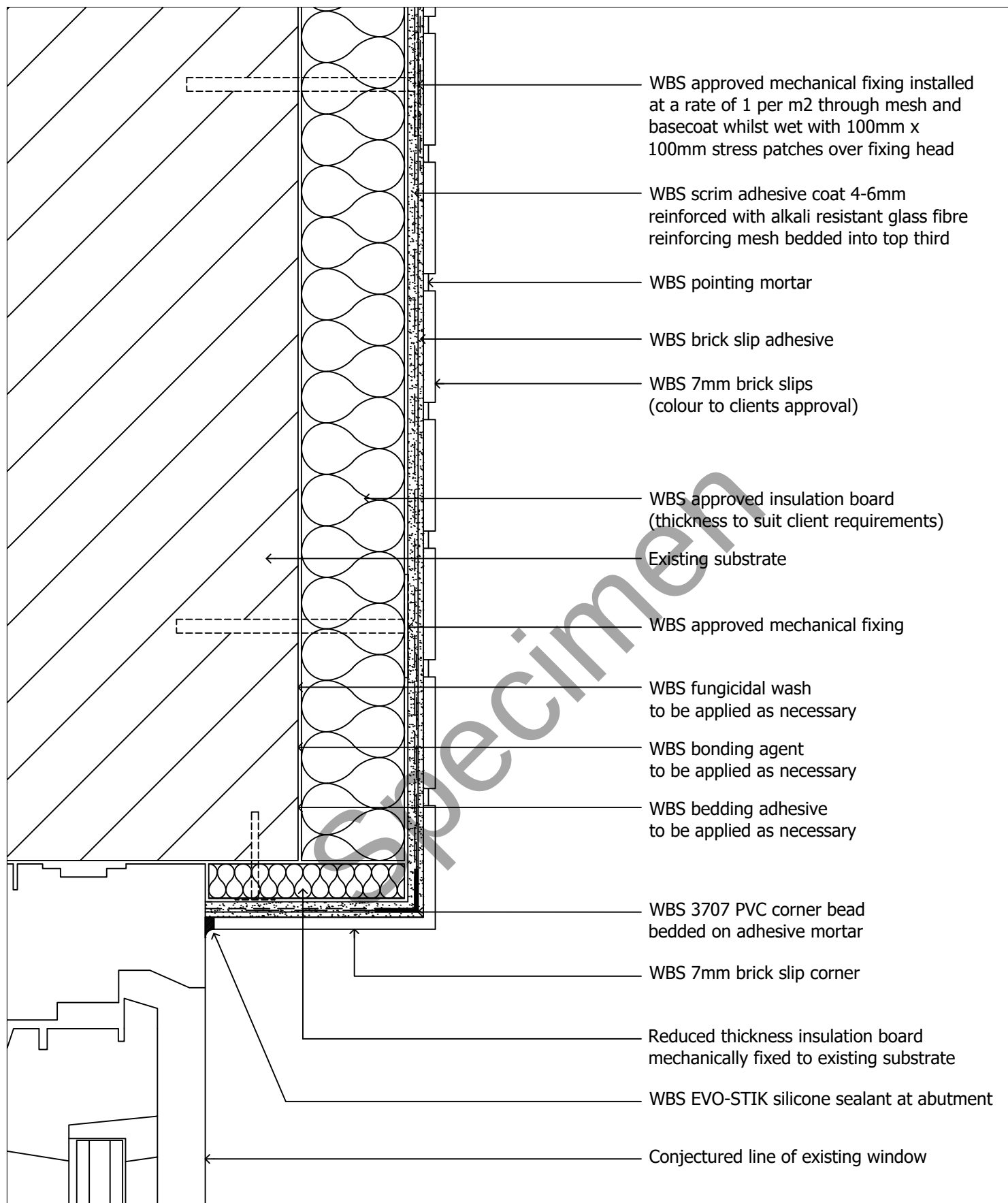
drawn by. LS

scale. nts

drawing no. **EWI-7MM BSLIP-05A**



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

date. Nov 2019

revision. -

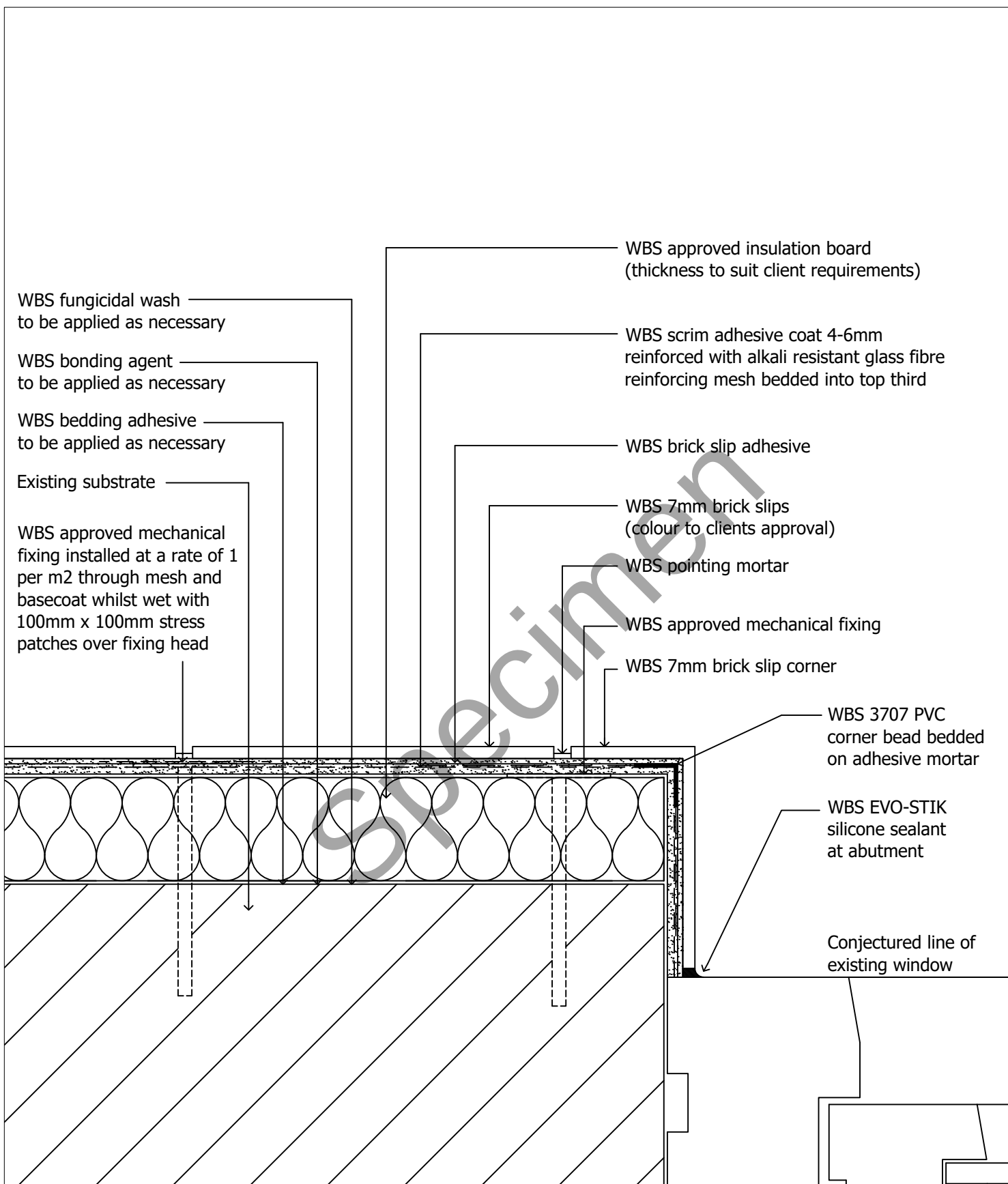
drawn by. LS

scale. nts

drawing no. **EWI-7MM BSLIP-05B**



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

date. Nov 2019

revision. -

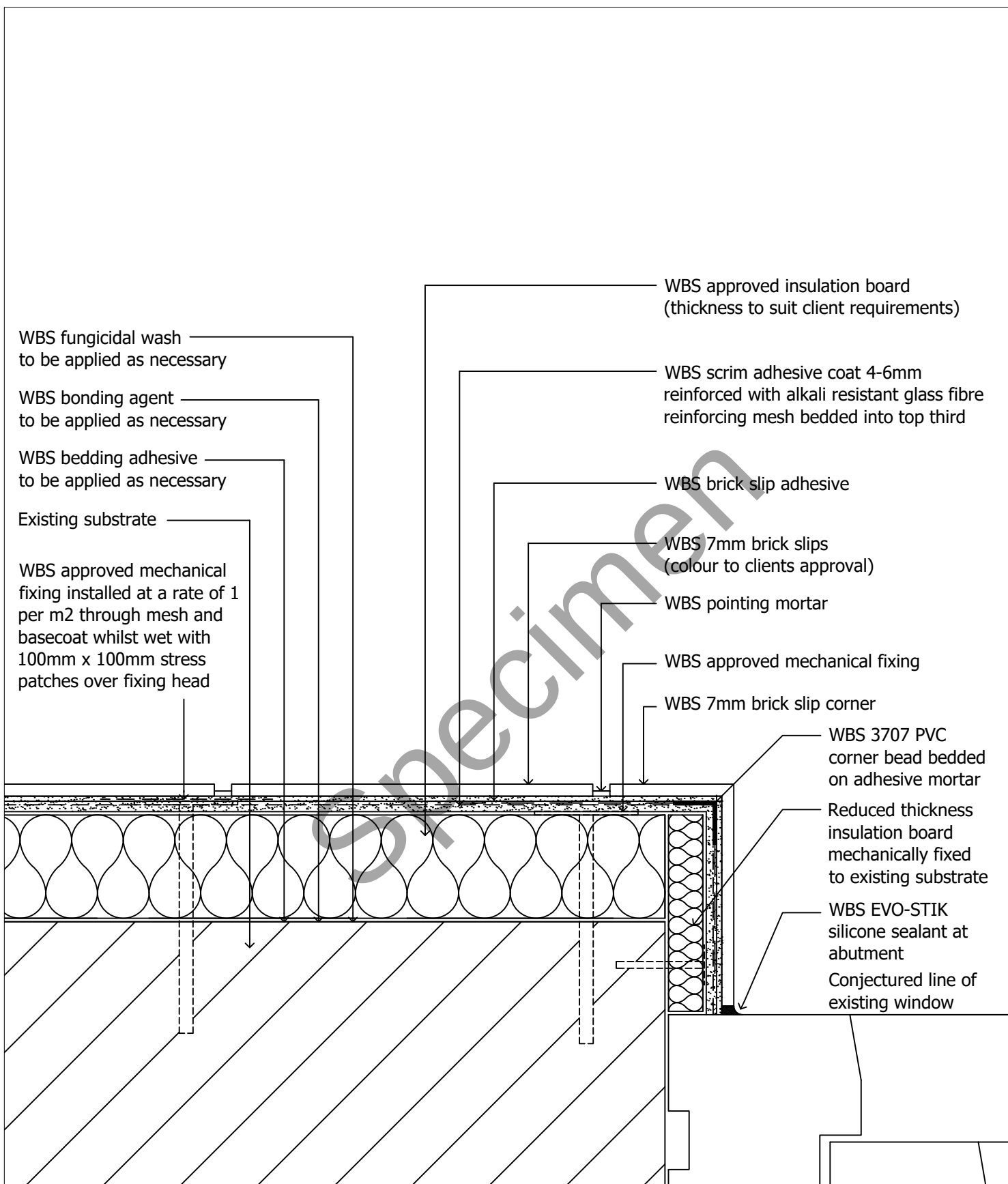
drawn by. LS

scale. nts

drawing no. **EWI-7MM BSLIP-06A**



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

date. Nov 2019

revision. -

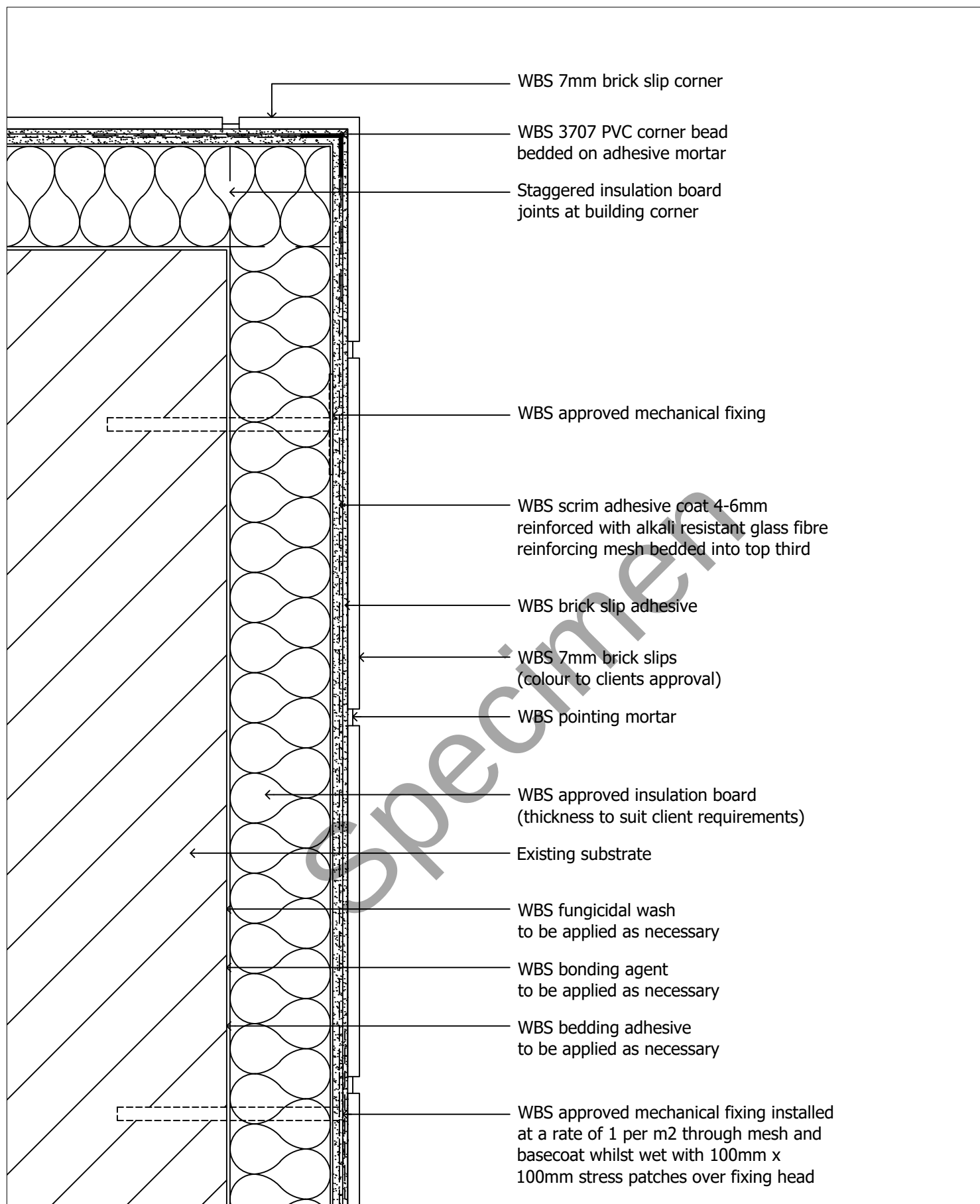
drawn by. LS

scale. nts

drawing no. **EWI-7MM BSLIP-06B**



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drawing. **Building corner detail**

date. Nov 2019

revision. -

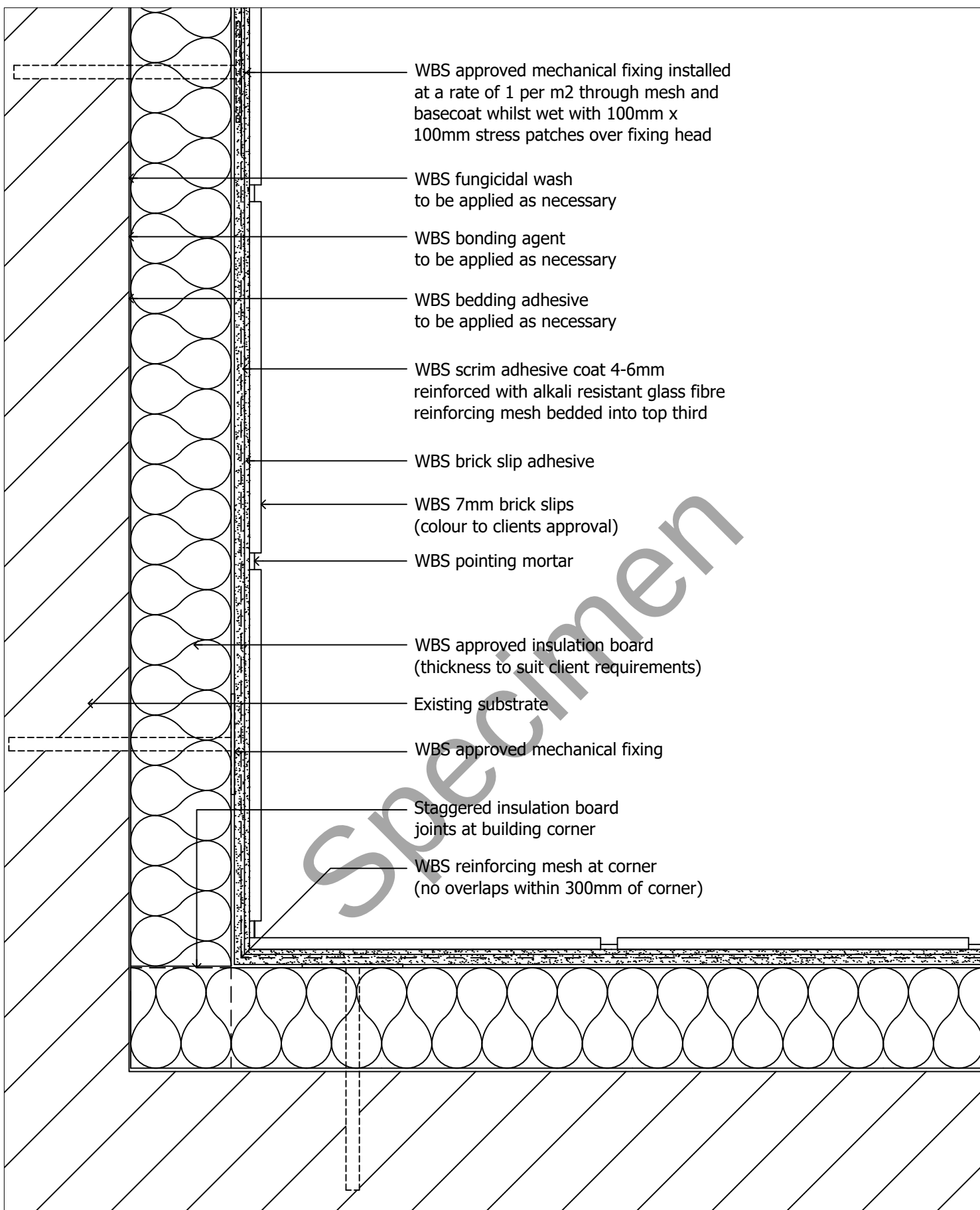
drawn by. LS

scale. nts

drawing no. **EWI-7MM BSLIP-07A**



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drawing. **Internal building corner detail**

date. Nov 2019

revision. -

drawn by. LS

scale. nts

drawing no. **EWI-7MM BSLIP-07B**



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WBS PVC movement joint located using
'firtree' fixings at maximum 300mm centres.
Reinforcing mesh to be fully lapped into MJ flange

WBS fungicidal wash
to be applied as necessary

WBS bonding agent
to be applied as necessary

WBS bedding adhesive
to be applied as necessary

Existing substrate

WBS approved insulation board
(thickness to suit client requirements)

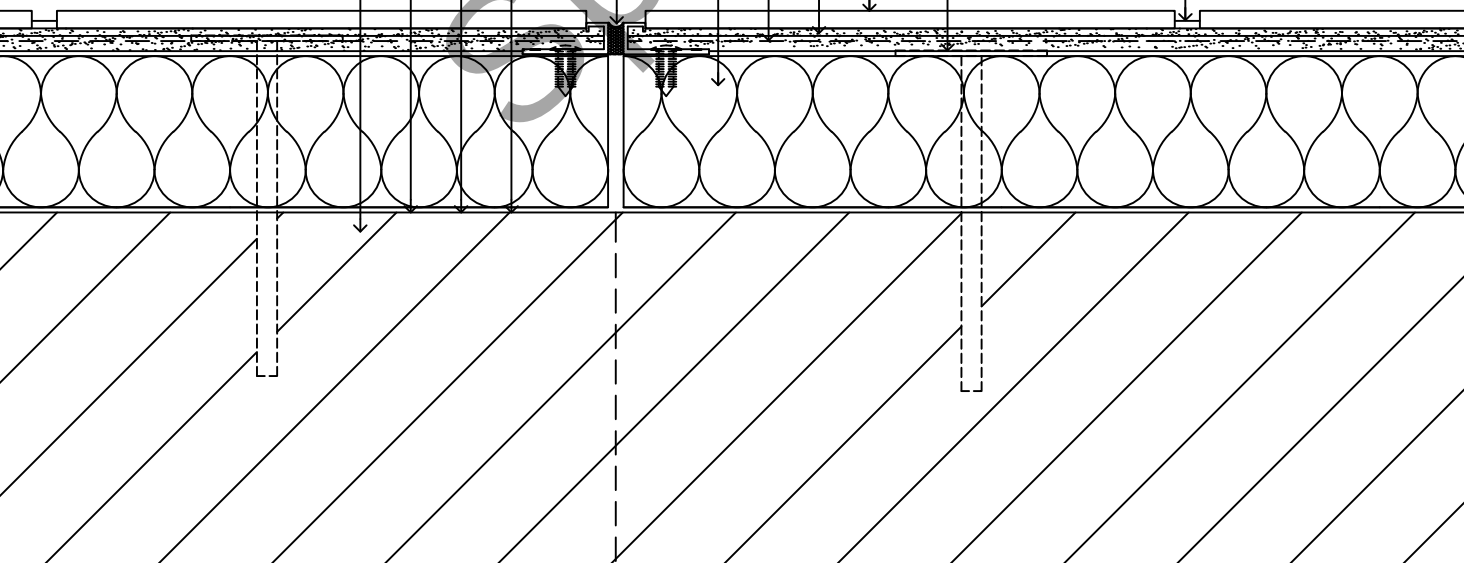
WBS scrim adhesive coat
4-6mm reinforced with alkali
resistant glass fibre reinforcing
mesh bedded into top third

WBS brick slip adhesive

WBS 7mm brick slips
(colour to clients approval)

WBS approved mechanical fixing

WBS pointing mortar



drawing. **Movement joint detail**

date. Nov 2019

revision. -

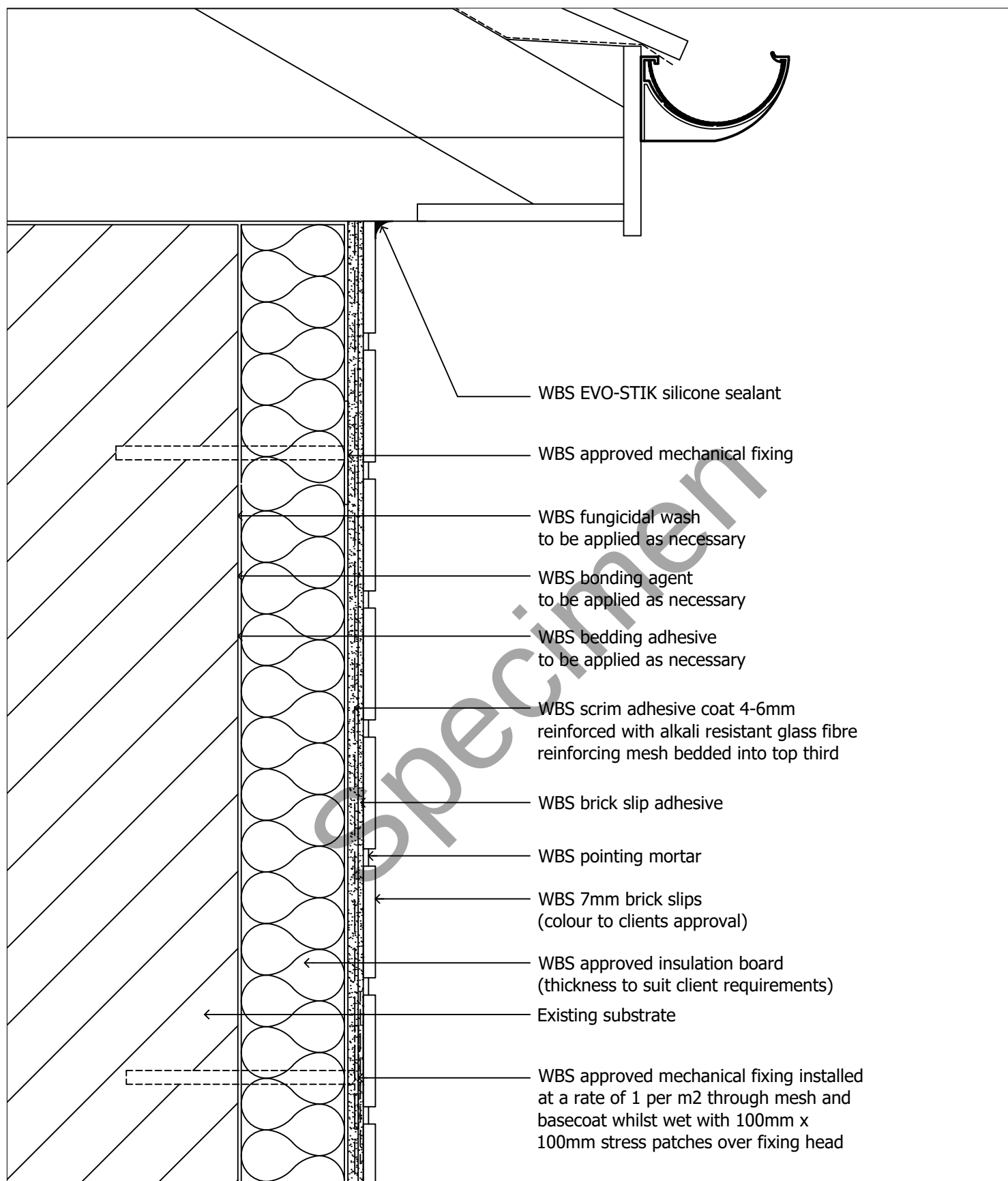
drawn by. LS

scale. nts

drawing no. **EWI-7MM BSLIP-08**



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drawing. **Roof abutment detail**

date. **Nov 2019**

revision. -

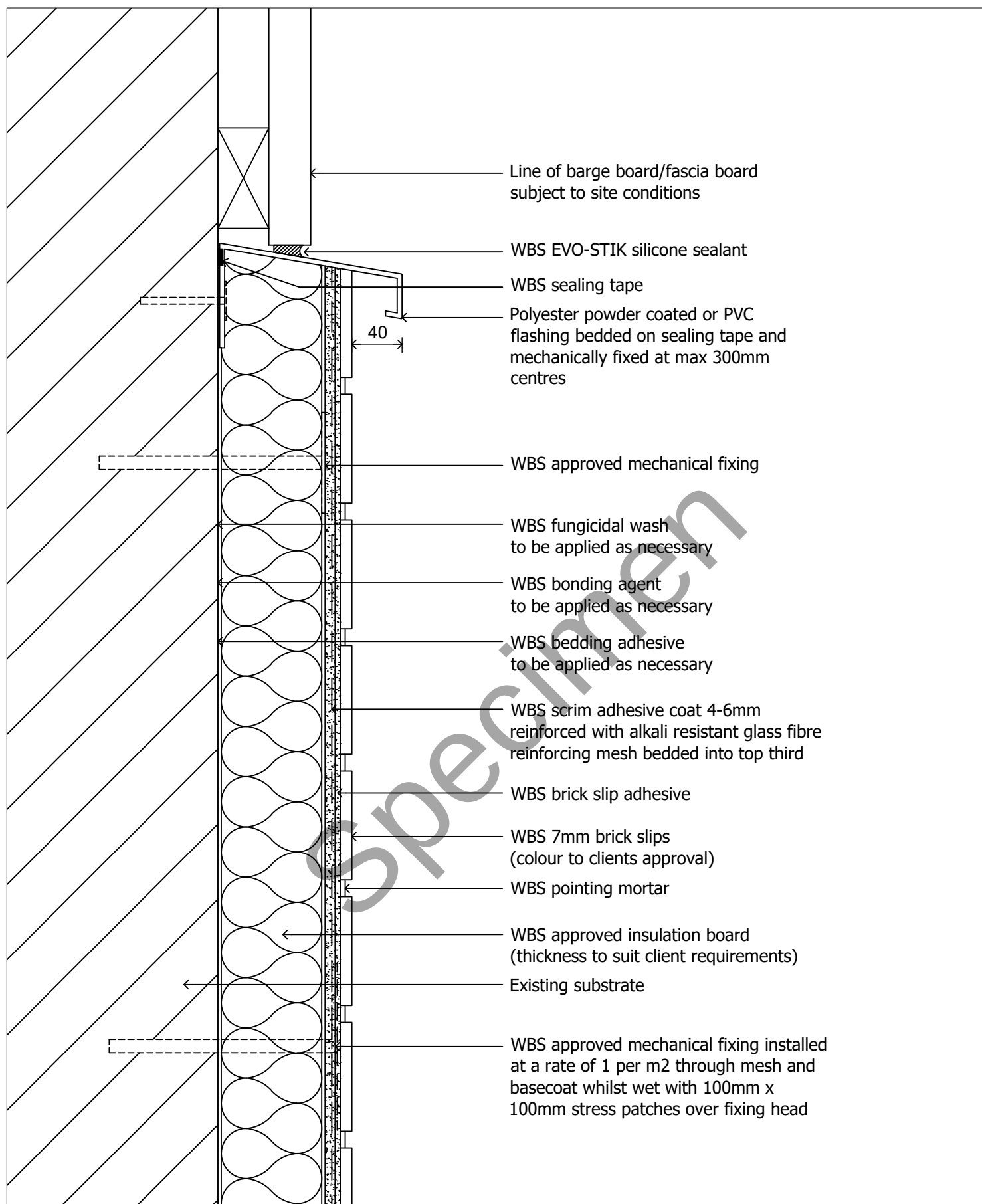
drawn by. **LS**

scale. **nts**

drawing no. **EWI-7MM BSLIP-09**



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

date. Nov 2019

revision. -

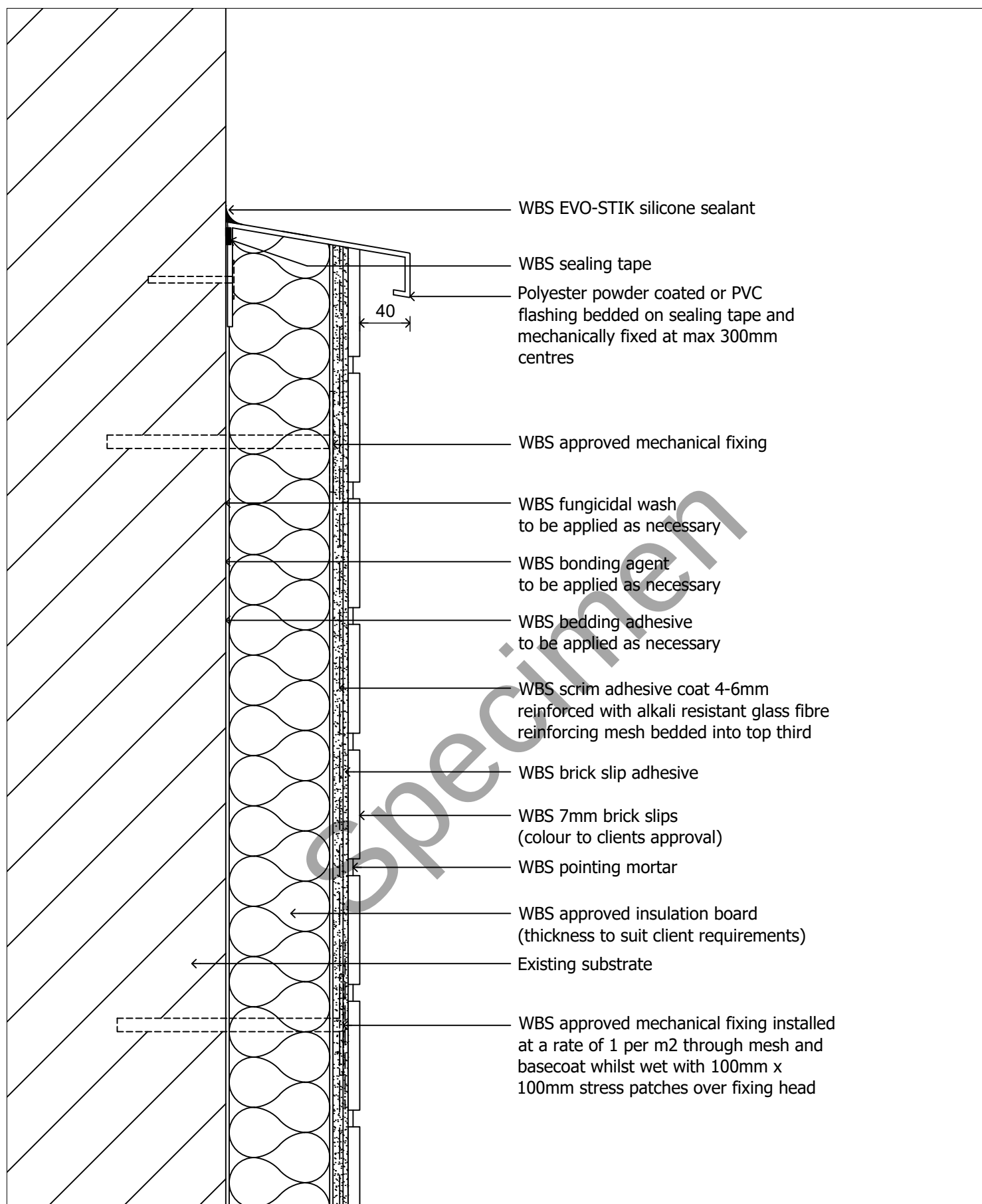
drawn by. LS

scale. nts

drawing no. **EWI-7MM BSLIP-10A**



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

date. **Nov 2019**

revision. -

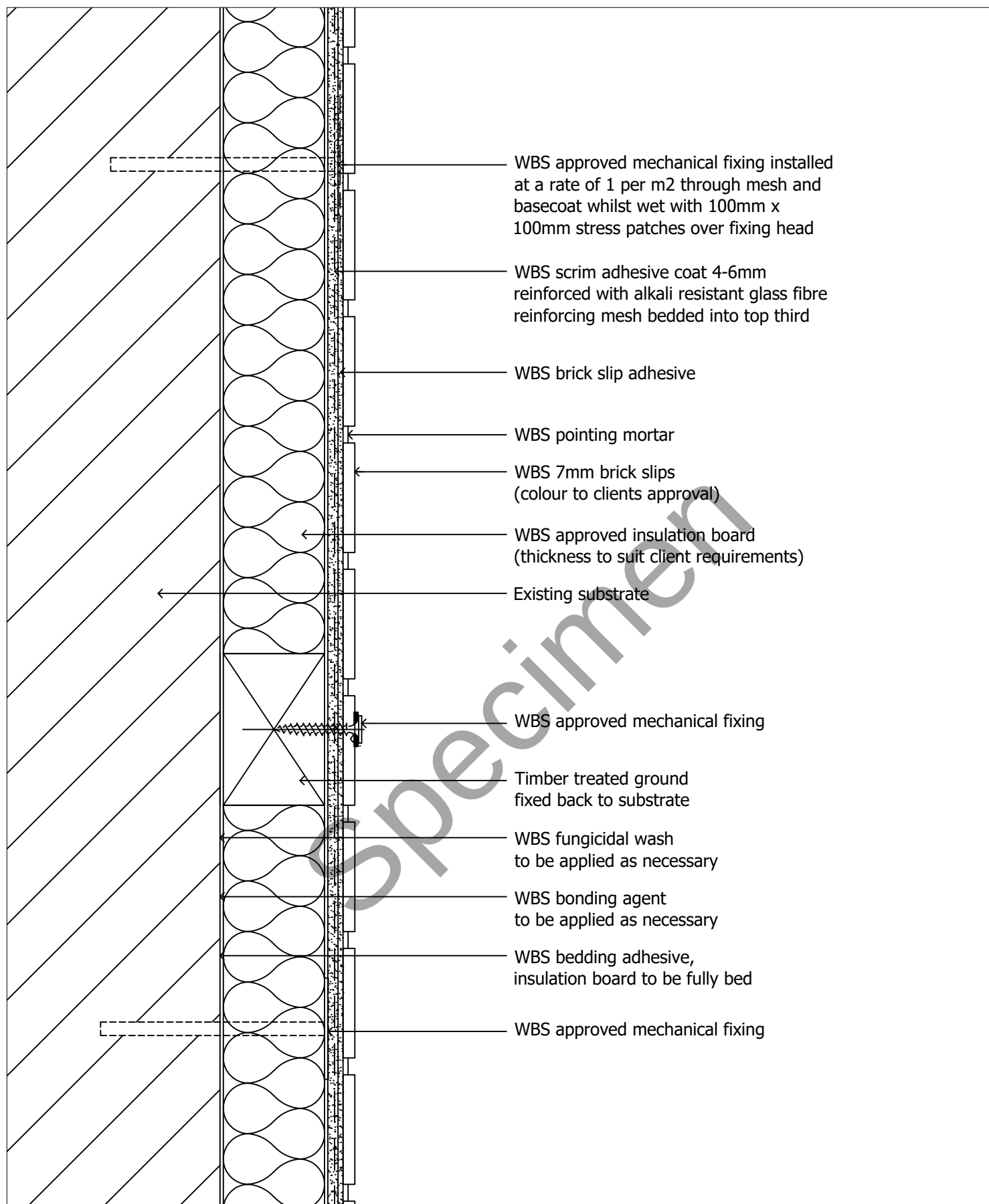
drawn by. **LS**

scale. **nts**

drawing no. **EWI-7MM BSLIP-10B**



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drawing. **Timber parrass detail**

date. **Nov 2019**

revision. -

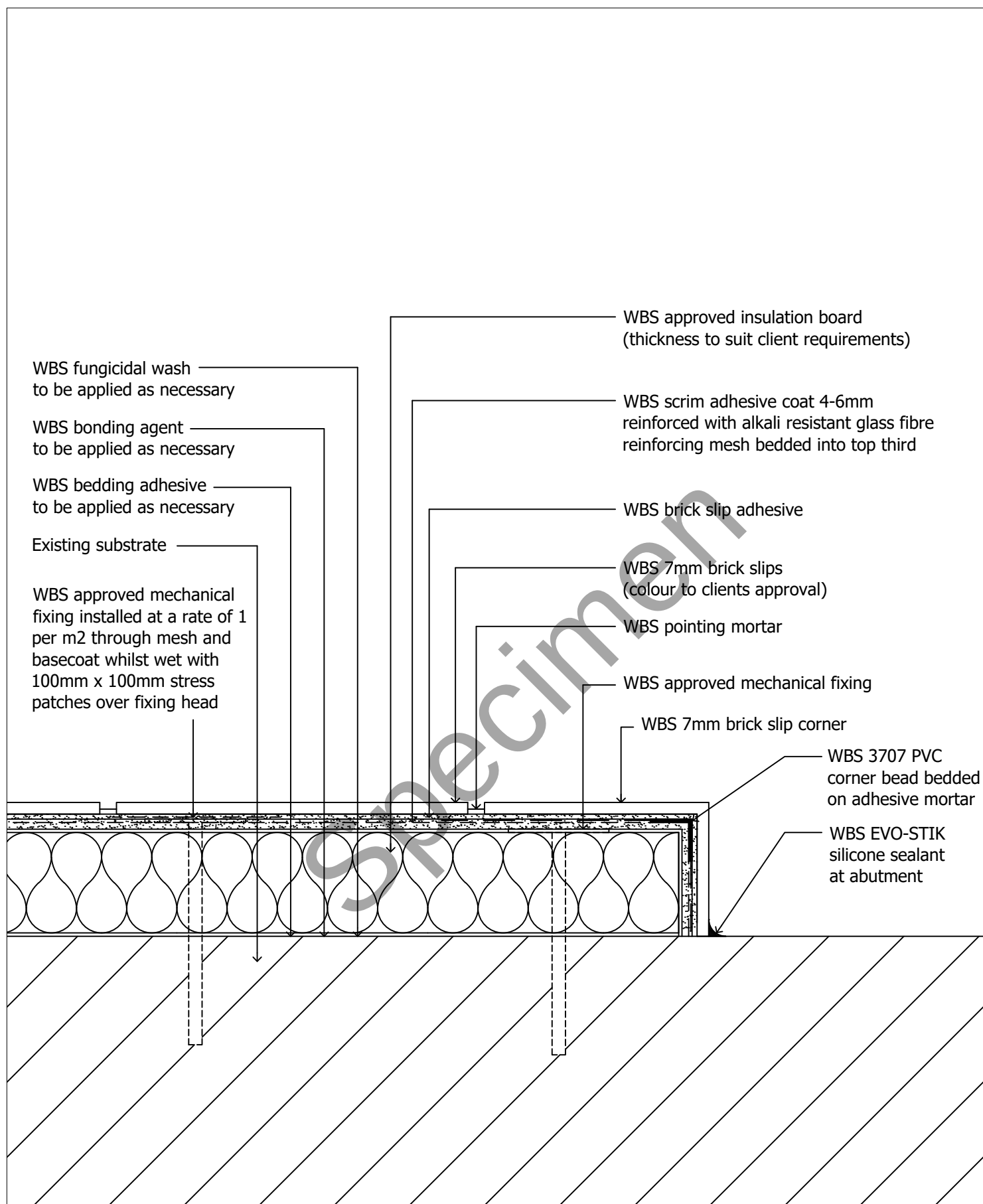
drawn by. **LS**

scale. **nts**

drawing no. **EWI-7MM BSLIP-11**



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

date. **Nov 2019**

revision. -

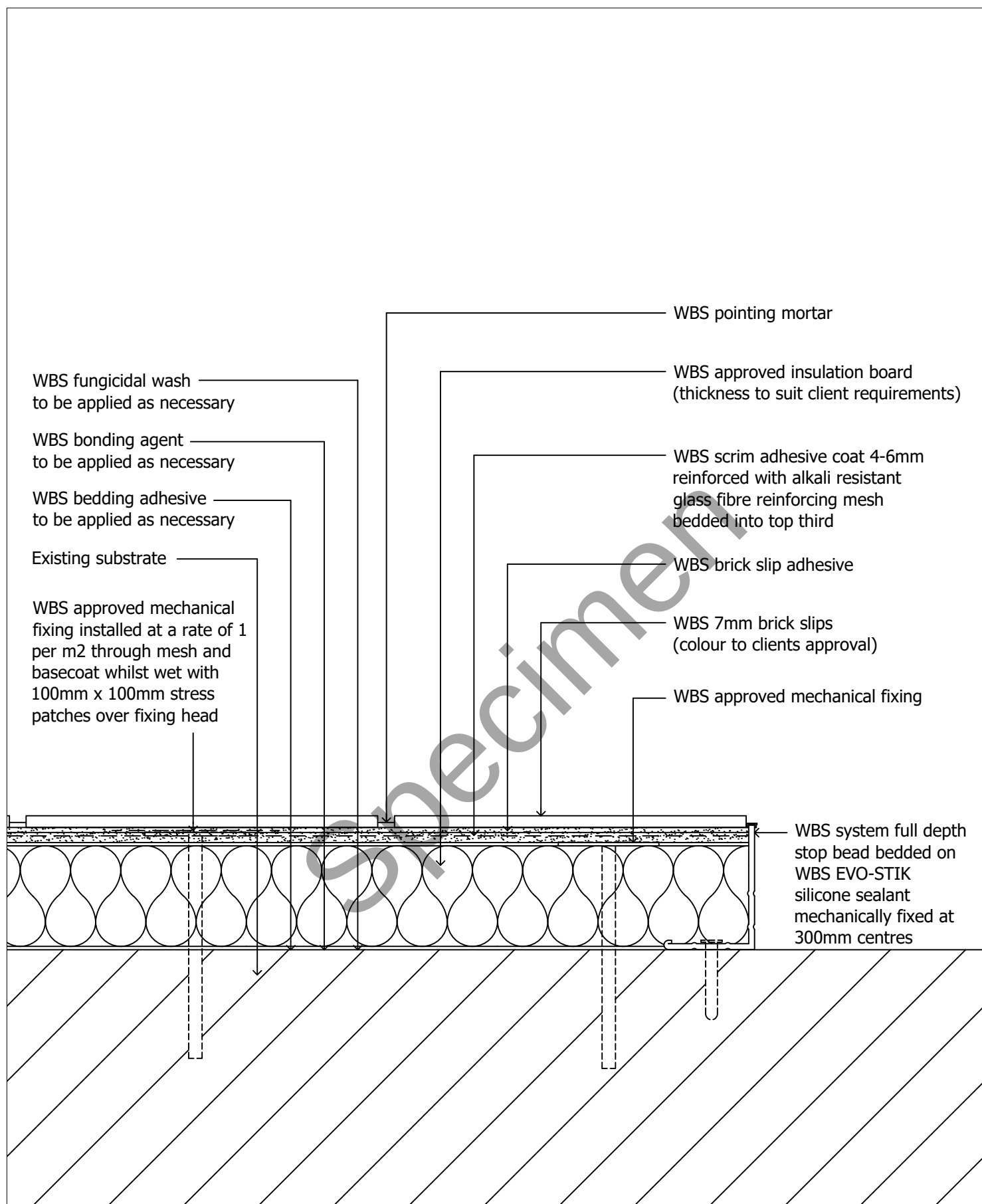
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scale. **nts**

drawing no. **EWI-7MM BSLIP-12A**



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

date. **Nov 2019**

revision. -

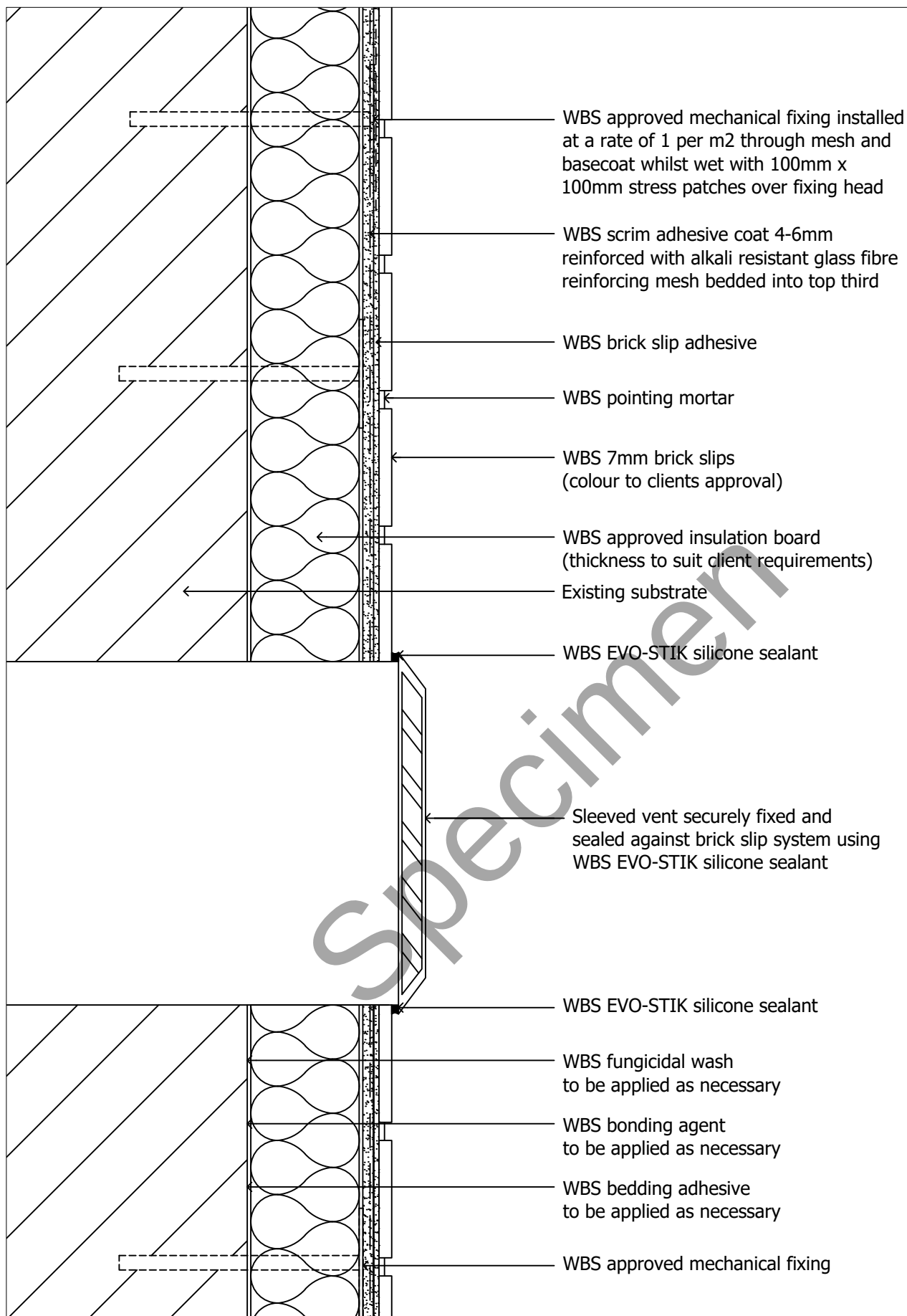
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scale. **nts**

drawing no. **EWI-7MM BSLIP-12B**



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drawing. **Air vent detail**

date. Nov 2019

revision. -

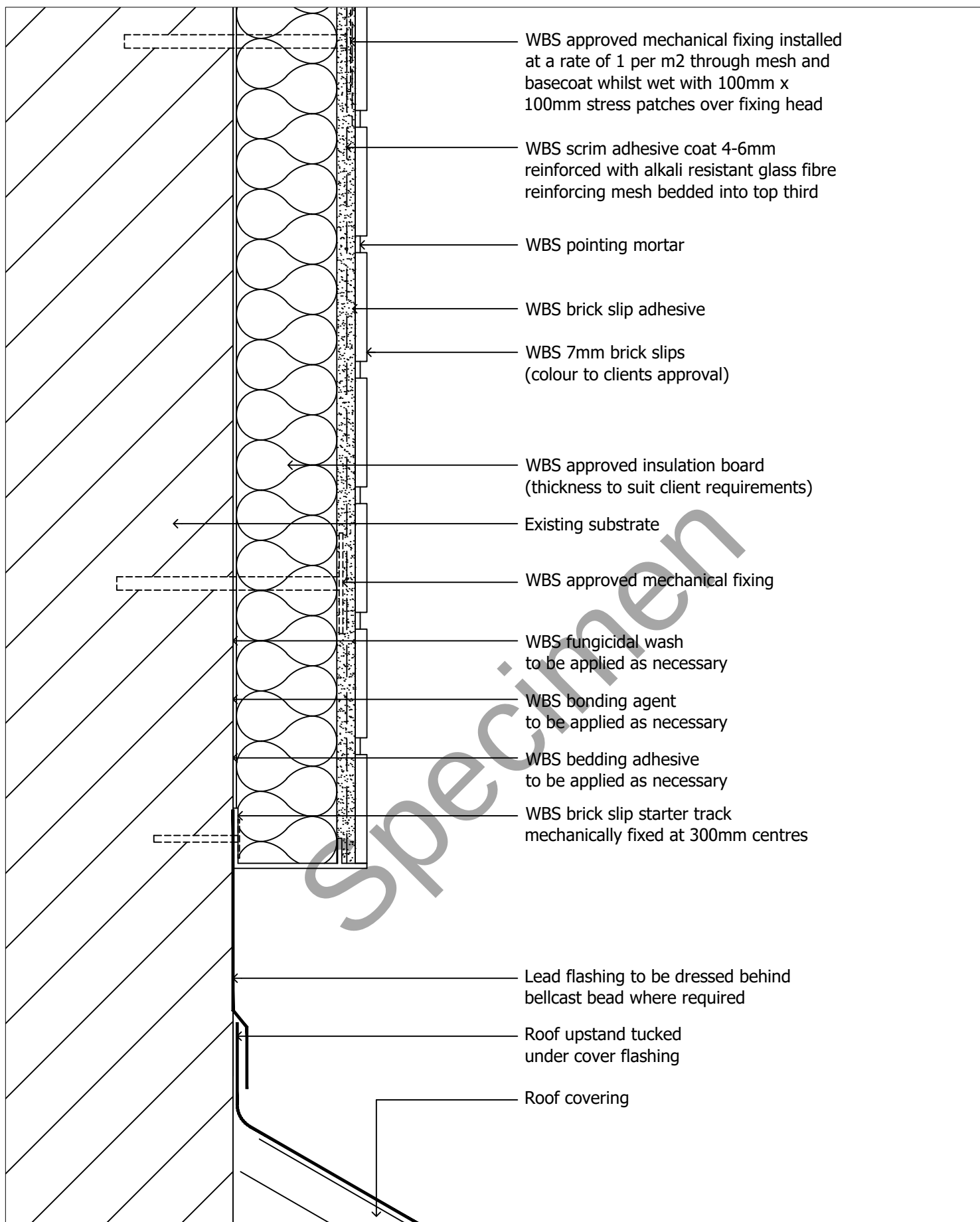
drawn by. LS

scale. nts

drawing no. **EWI-7MM BSLIP-13**



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

date. Nov 2019

revision. -

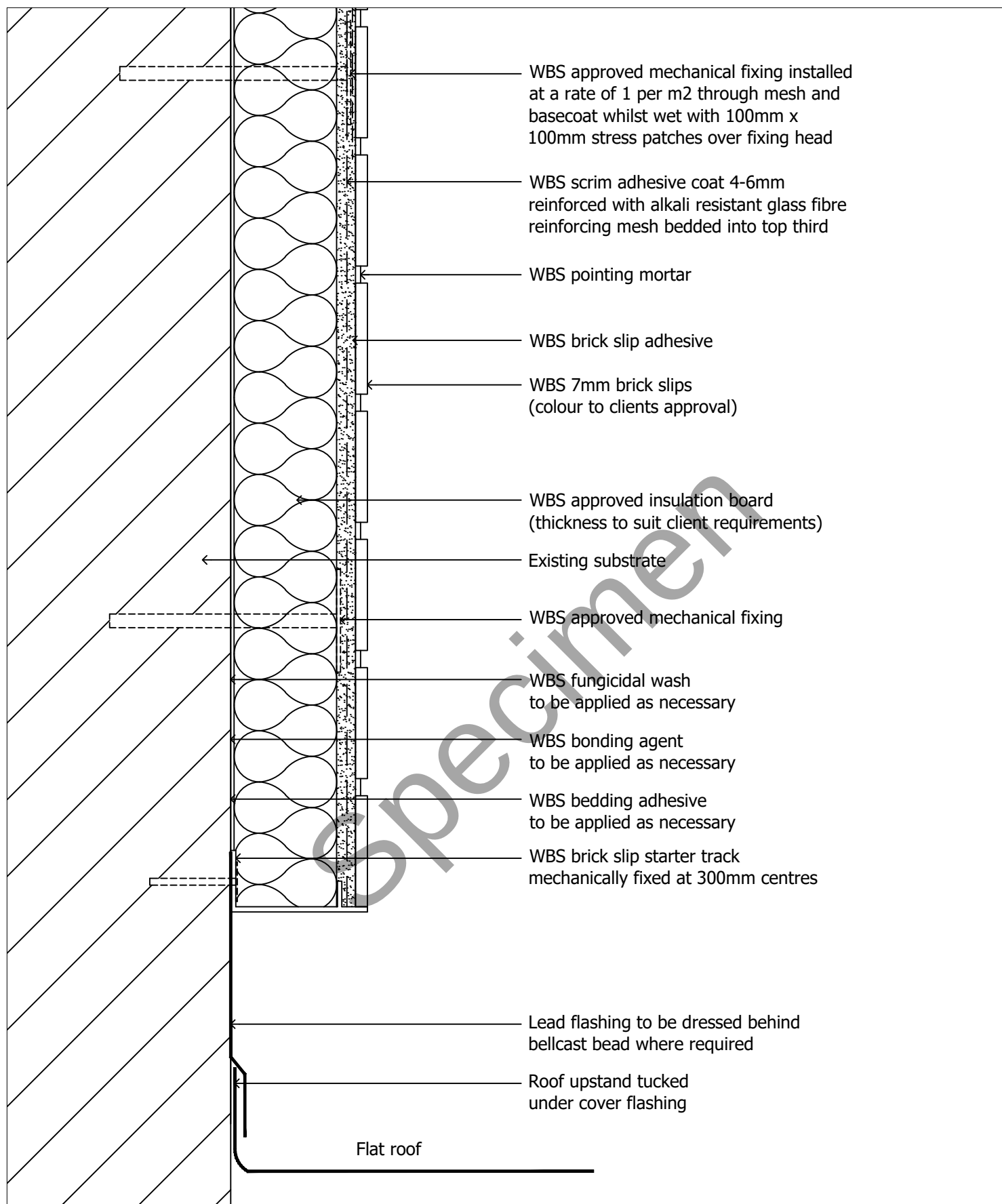
drawn by. LS

scale. nts

drawing no. **EWI-7MM BSLIP-14A**



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

date. Nov 2019

revision. -

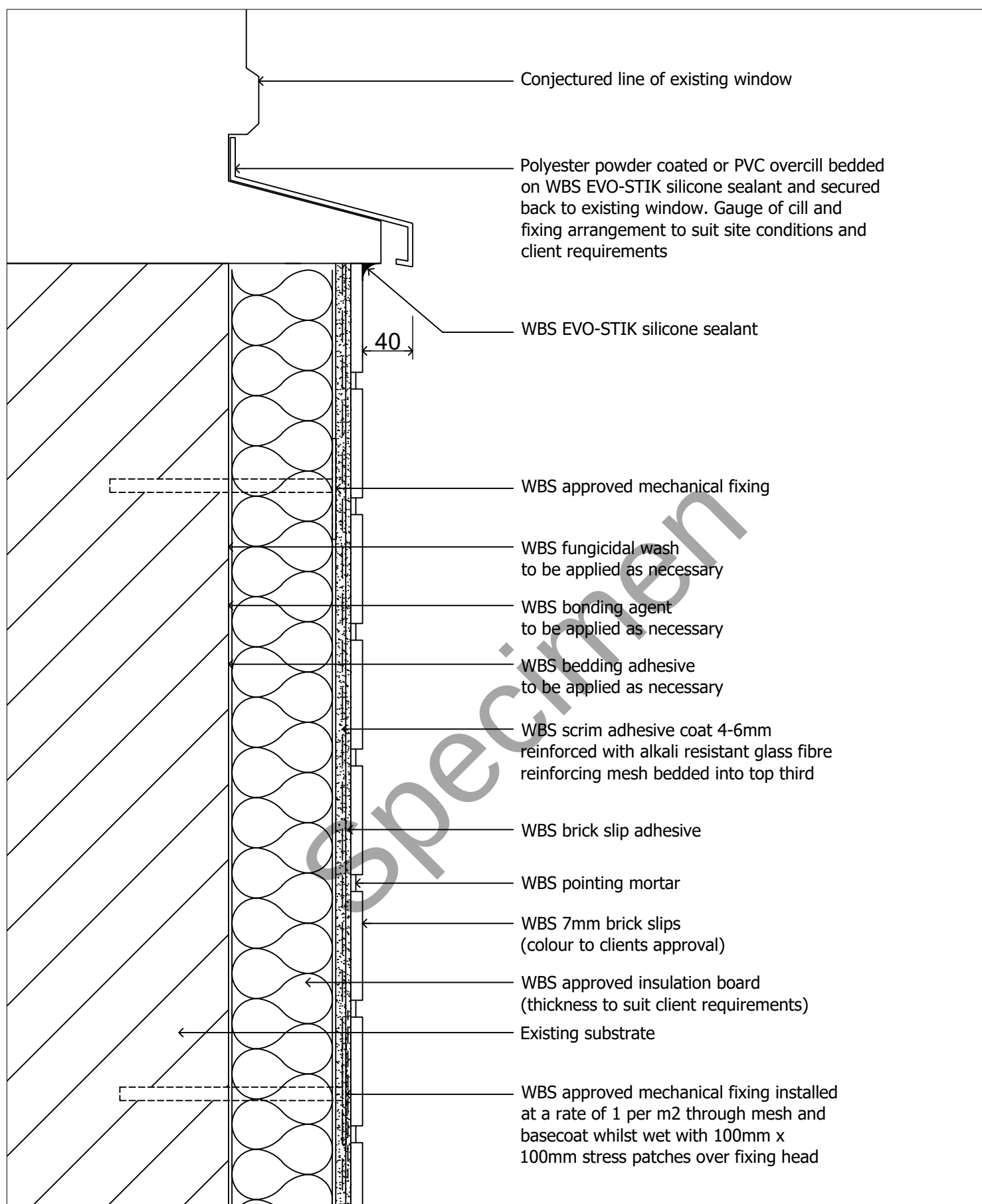
drawn by. LS

scale. nts

drawing no. **EWI-7MM BSLIP-14B**



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drawing. **Overcill detail**

date. Nov 2019

revision. -

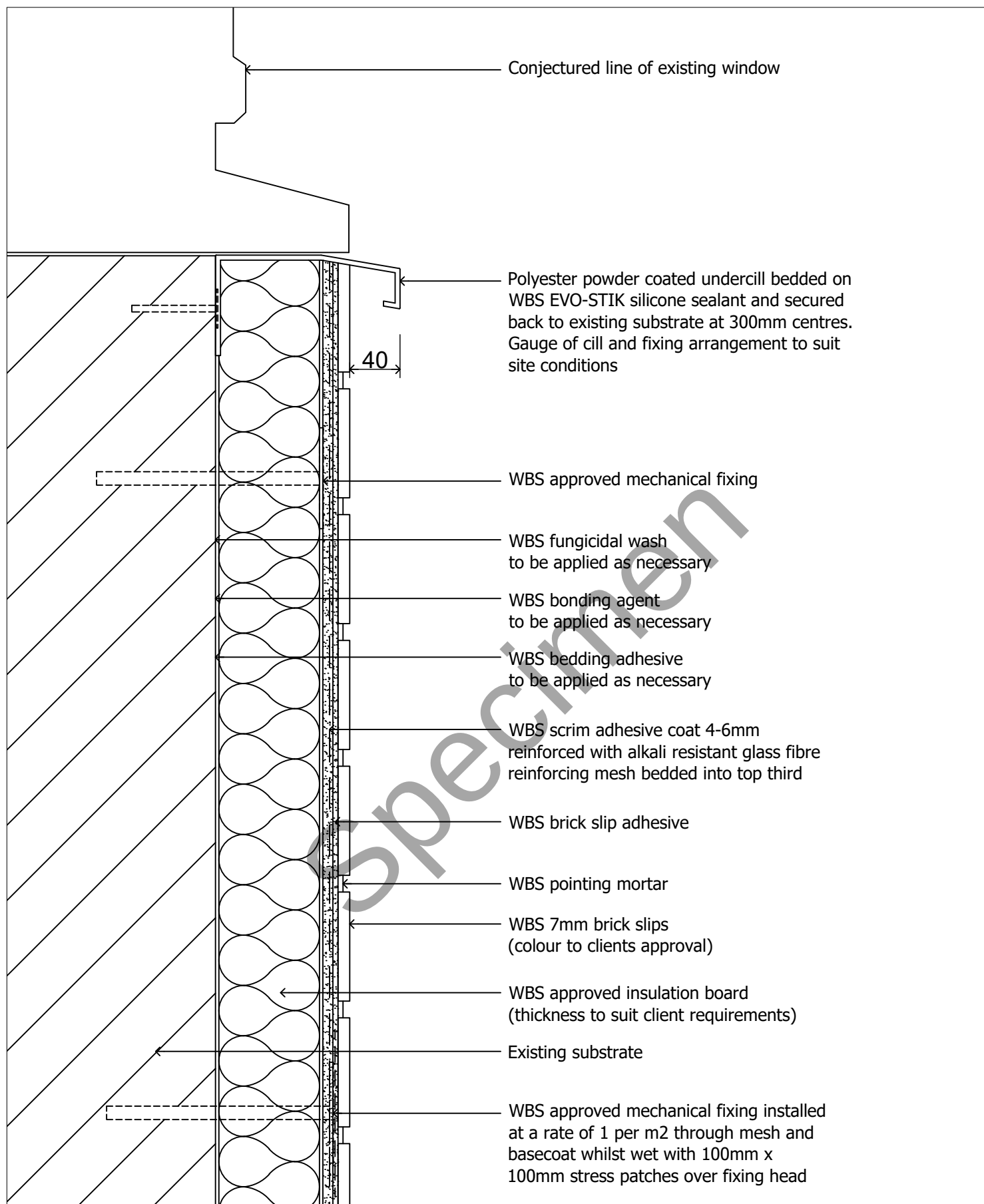
drawn by. LS

scale. nts

drawing no. **EWI-7MM BSLIP-15**



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drawing. **Undercill detail**

date. **Nov 2019**

revision. -

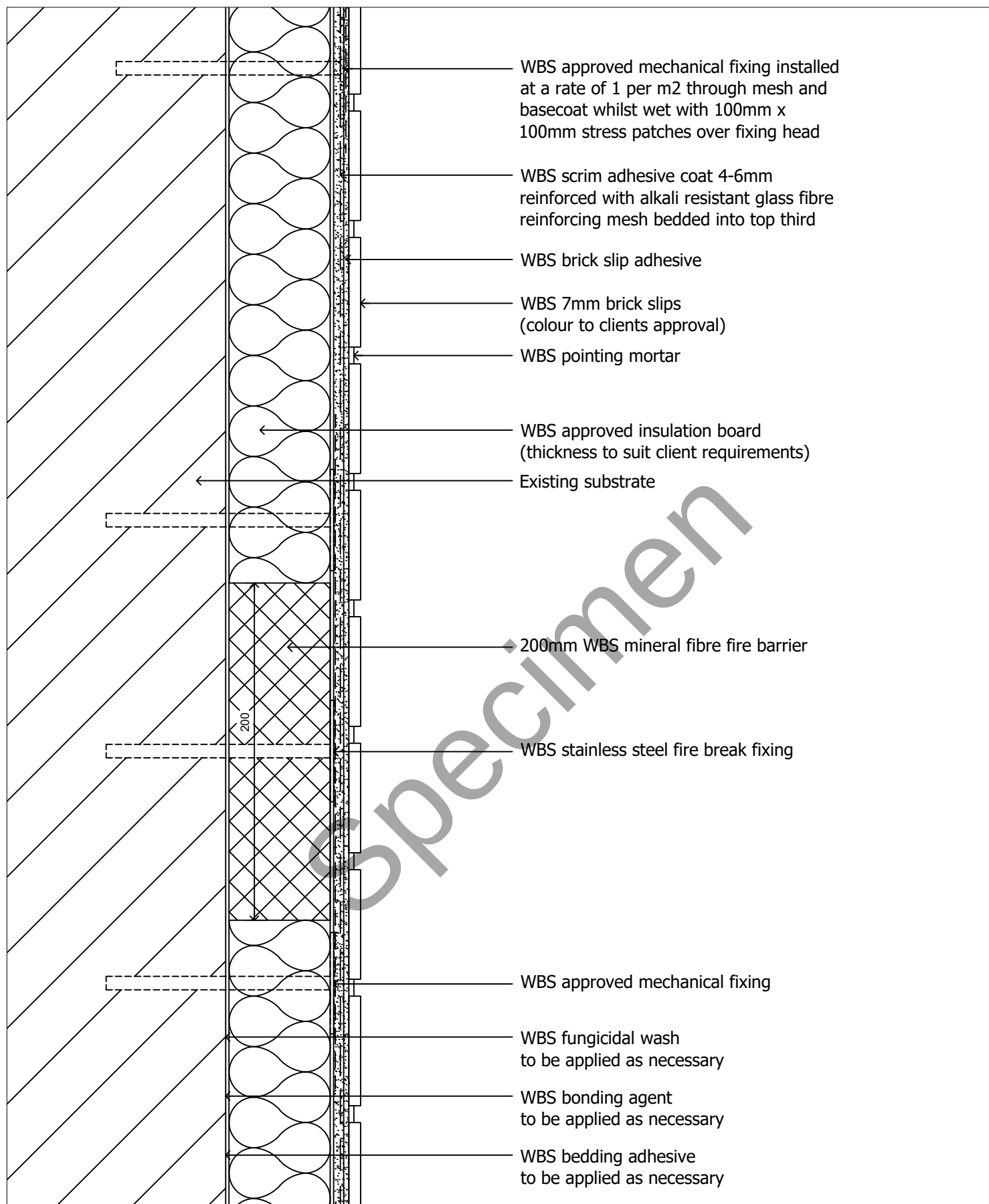
drawn by. **LS**

scale. **nts**

drawing no. **EWI-7MM BSLIP-16**



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drawing. **Fire barrier detail**

date. **Nov 2019**

revision. -

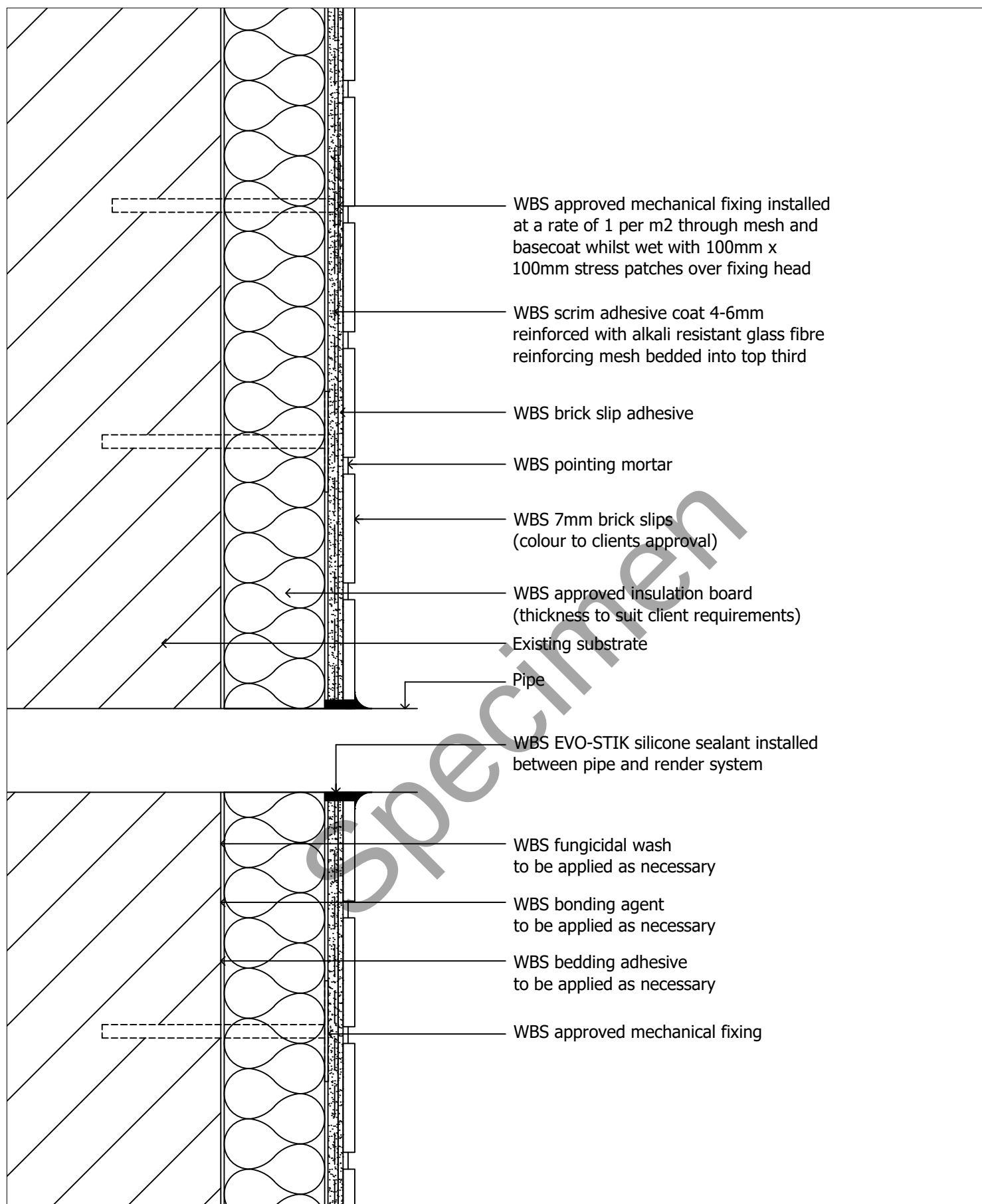
drawn by. **LS**

scale. **nts**

drawing no. **EWI-7MM BSLIP-17**



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drawing. **Pipe detail**

date. Nov 2019

revision. -

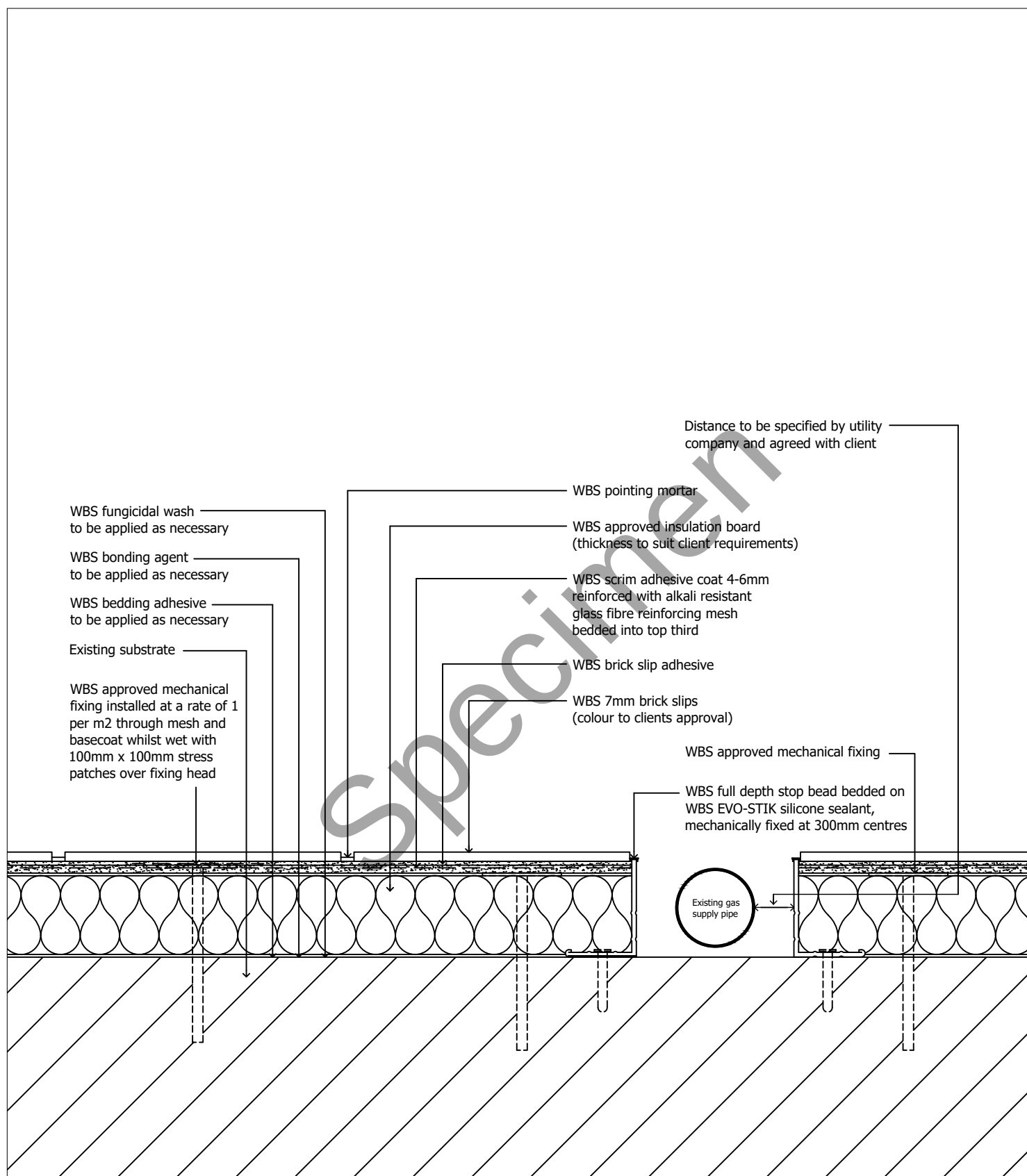
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scale. nts

drawing no. **EWI-7MM BSLIP-18**



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

date. Nov 2019

revision. -

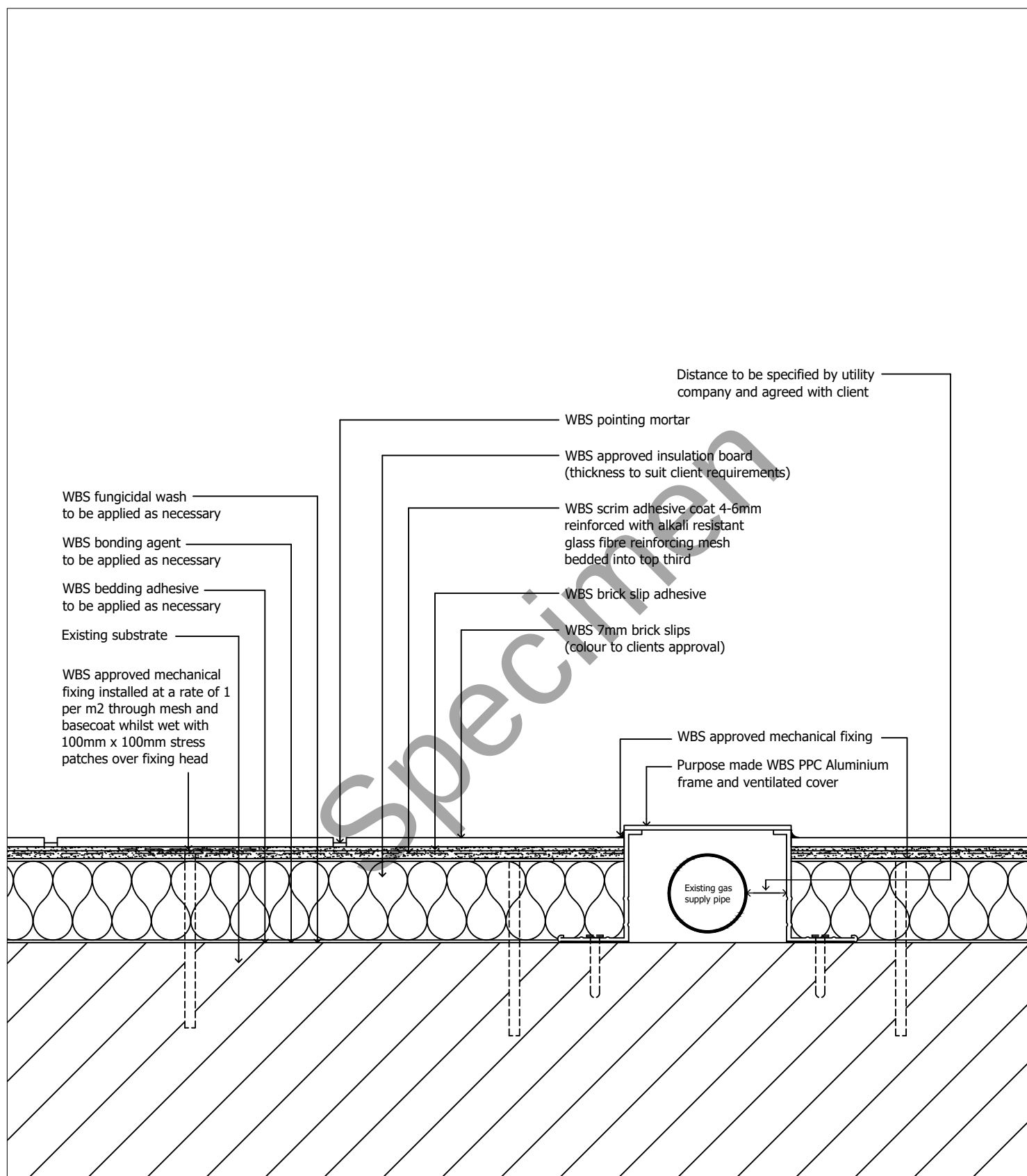
drawn by. LS

scale. nts

drawing no. **EWI-7MM BSLIP-19A**



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

date. Nov 2019

revision. -

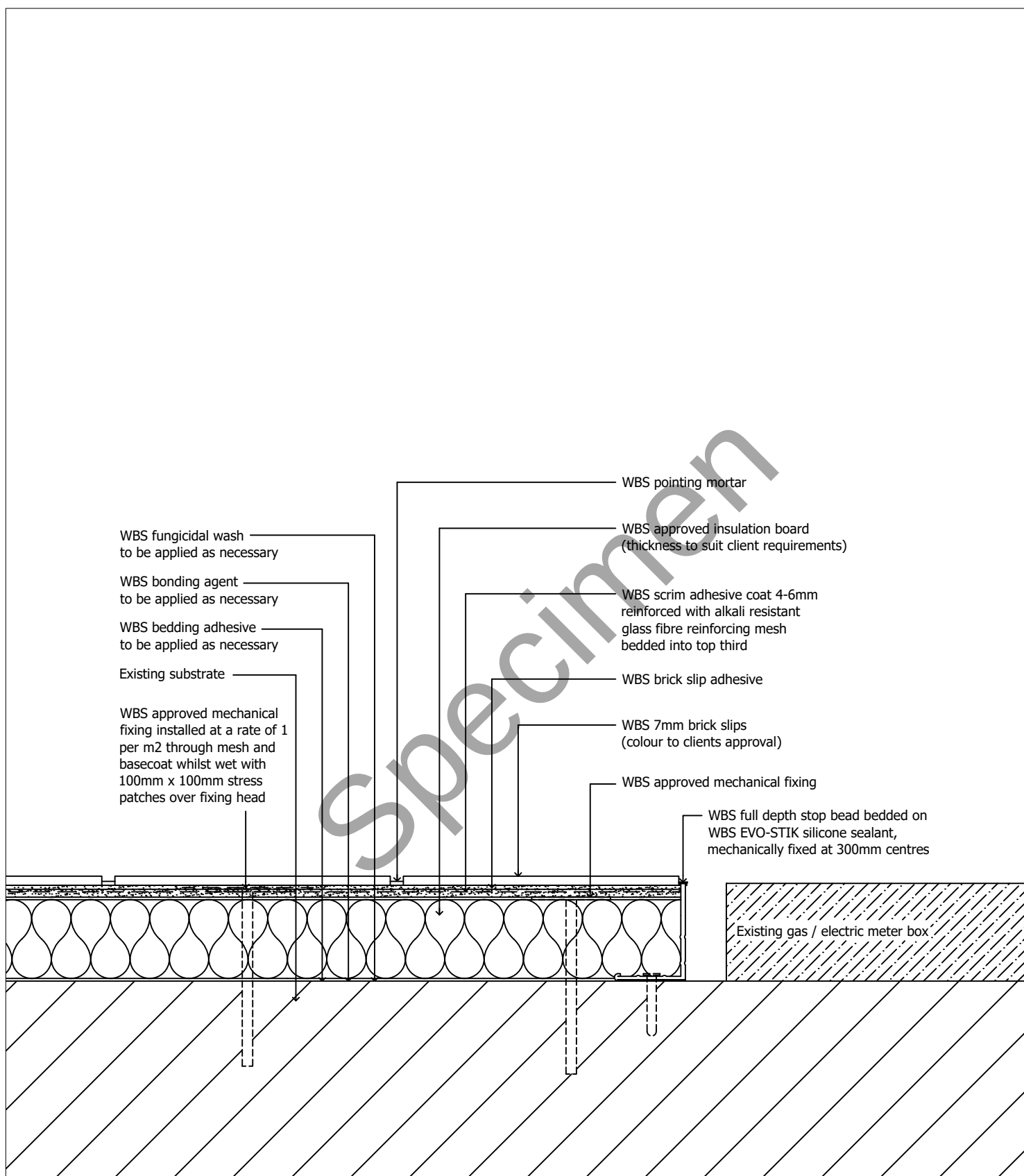
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scale. nts

drawing no. **EWI-7MM BSLIP-19B**



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drawing. **Service box detail**

date. **Nov 2019**

revision. -

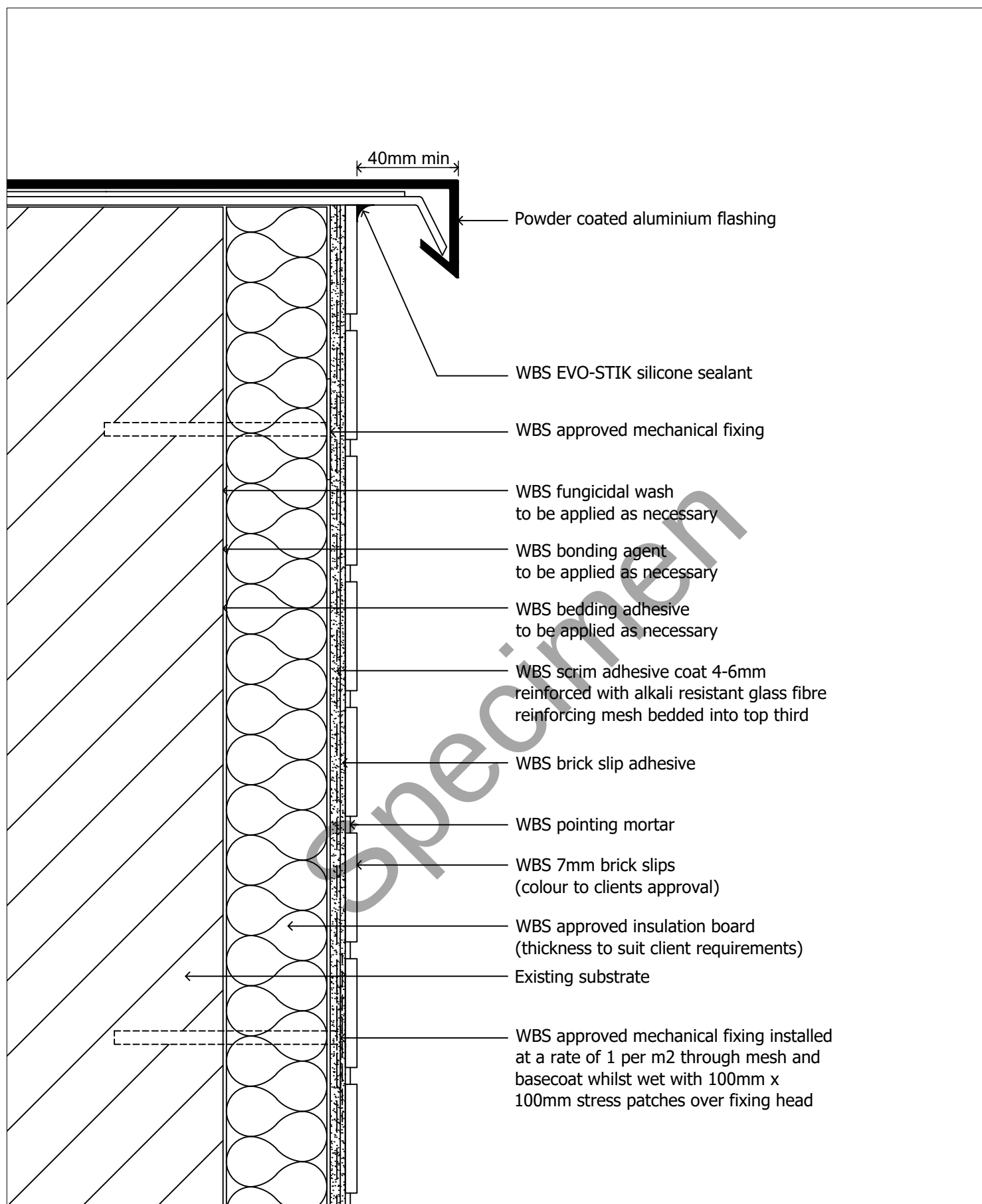
drawn by. **LS**

scale. **nts**

drawing no. **EWI-7MM BSLIP-20**



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drawing. **Parapet detail**

date. **Nov 2019**

revision. -

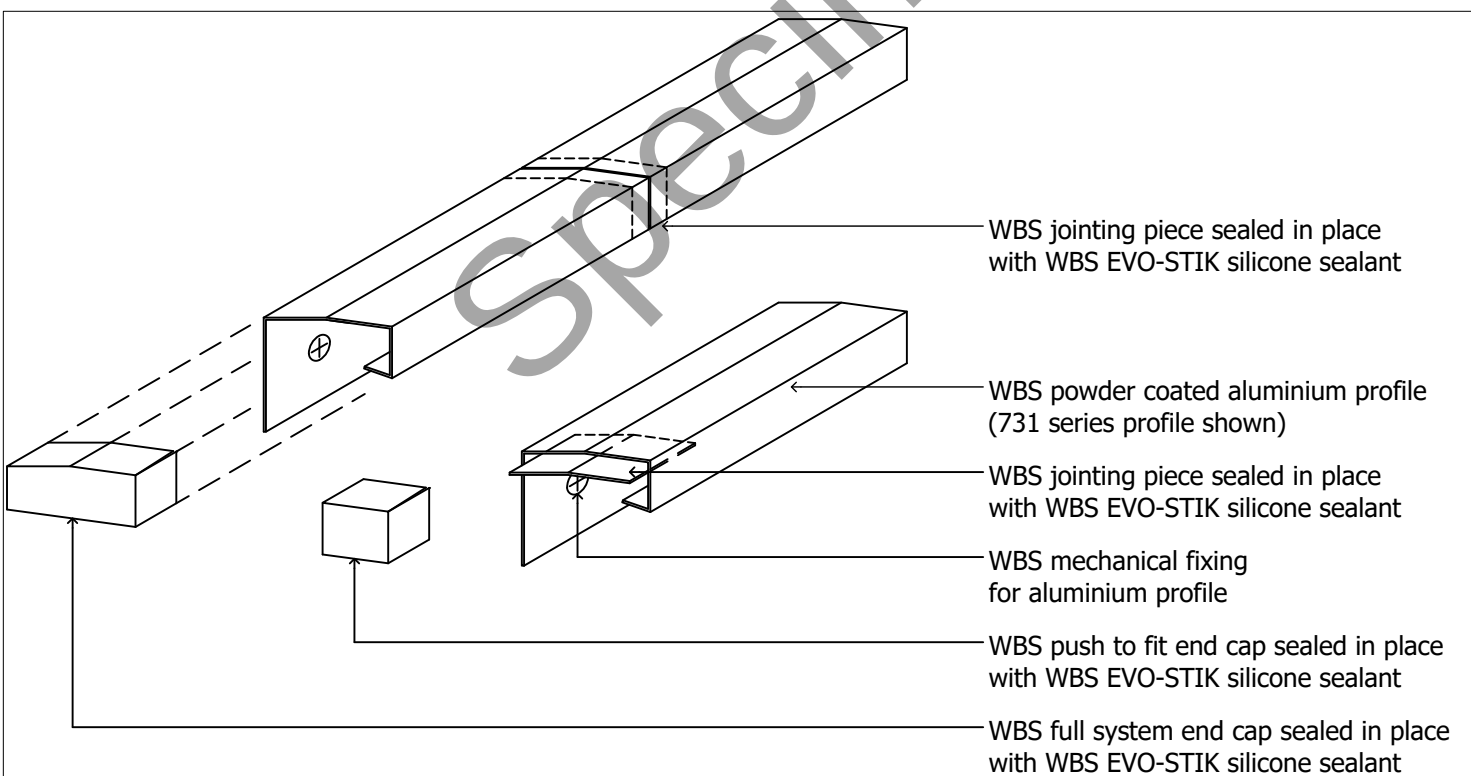
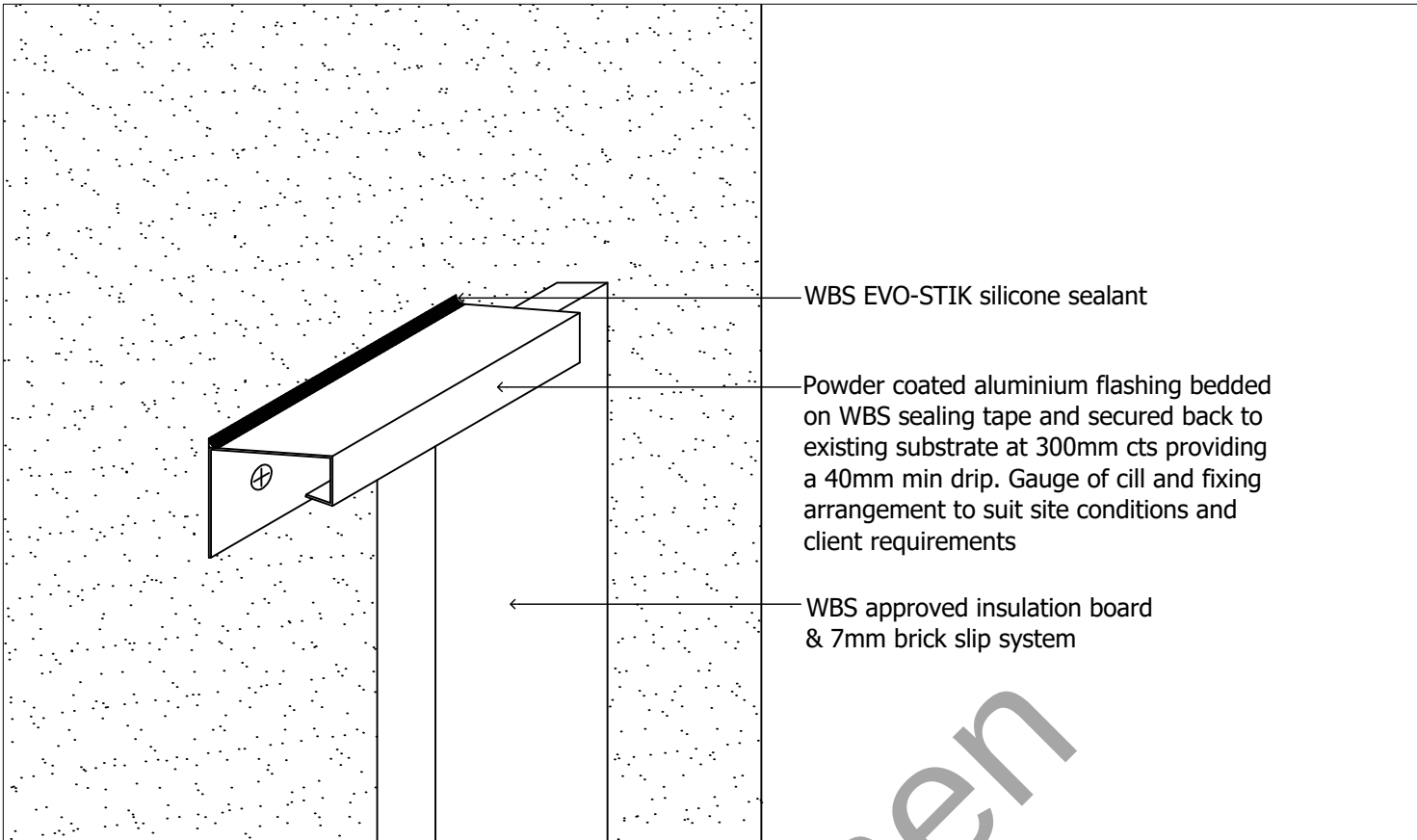
drawn by. **LS**

scale. **nts**

drawing no. **EWI-7MM BSLIP-21**



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drawing. Trims & flashings detail

date. Nov 2019

revision. -

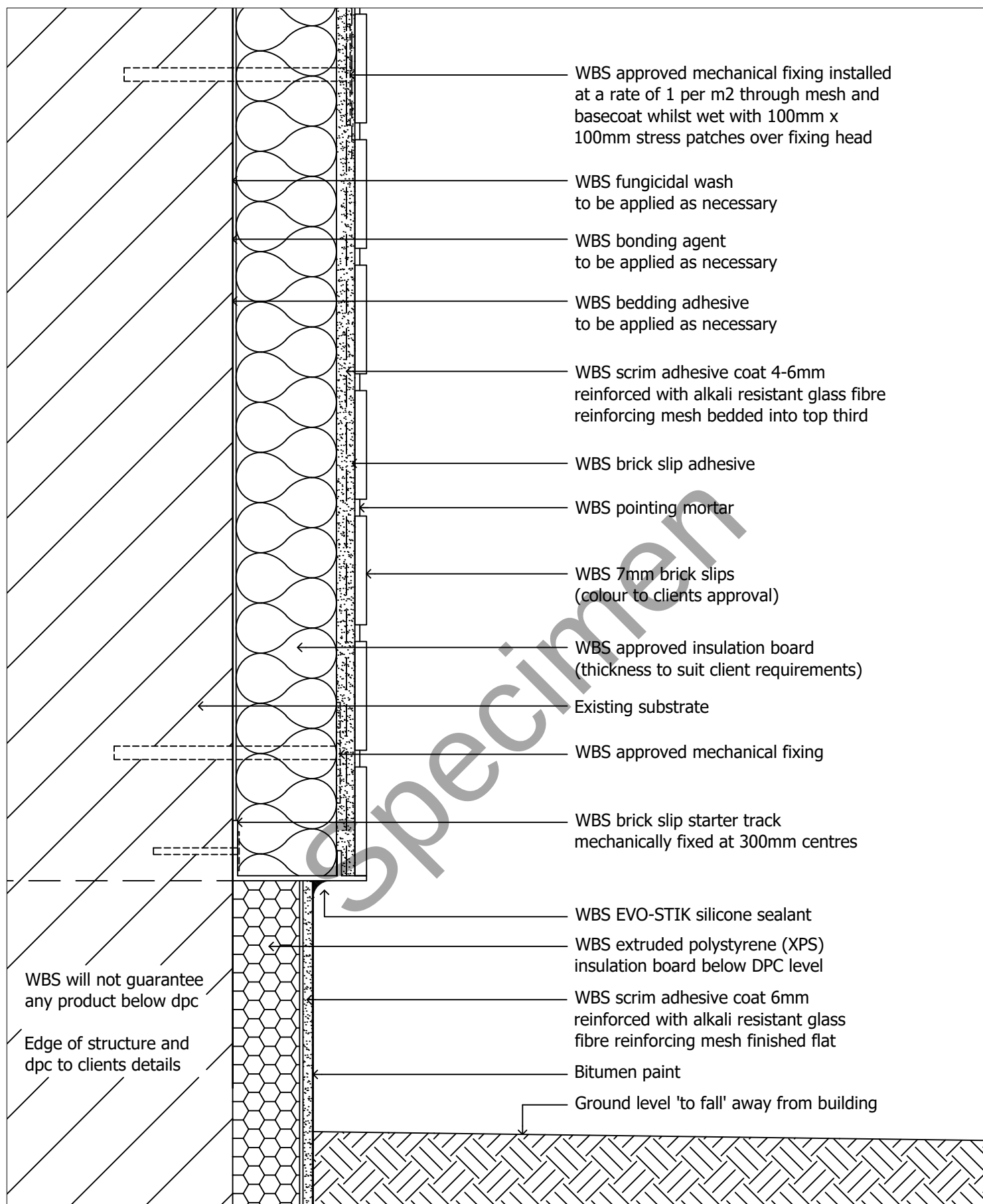
drawn by. LS

scale. nts

drawing no. **EWI-7MM BSLIP-23**



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drawing. **DPC detail**

date. **Nov 2019**

revision. -

drawn by. **LS**

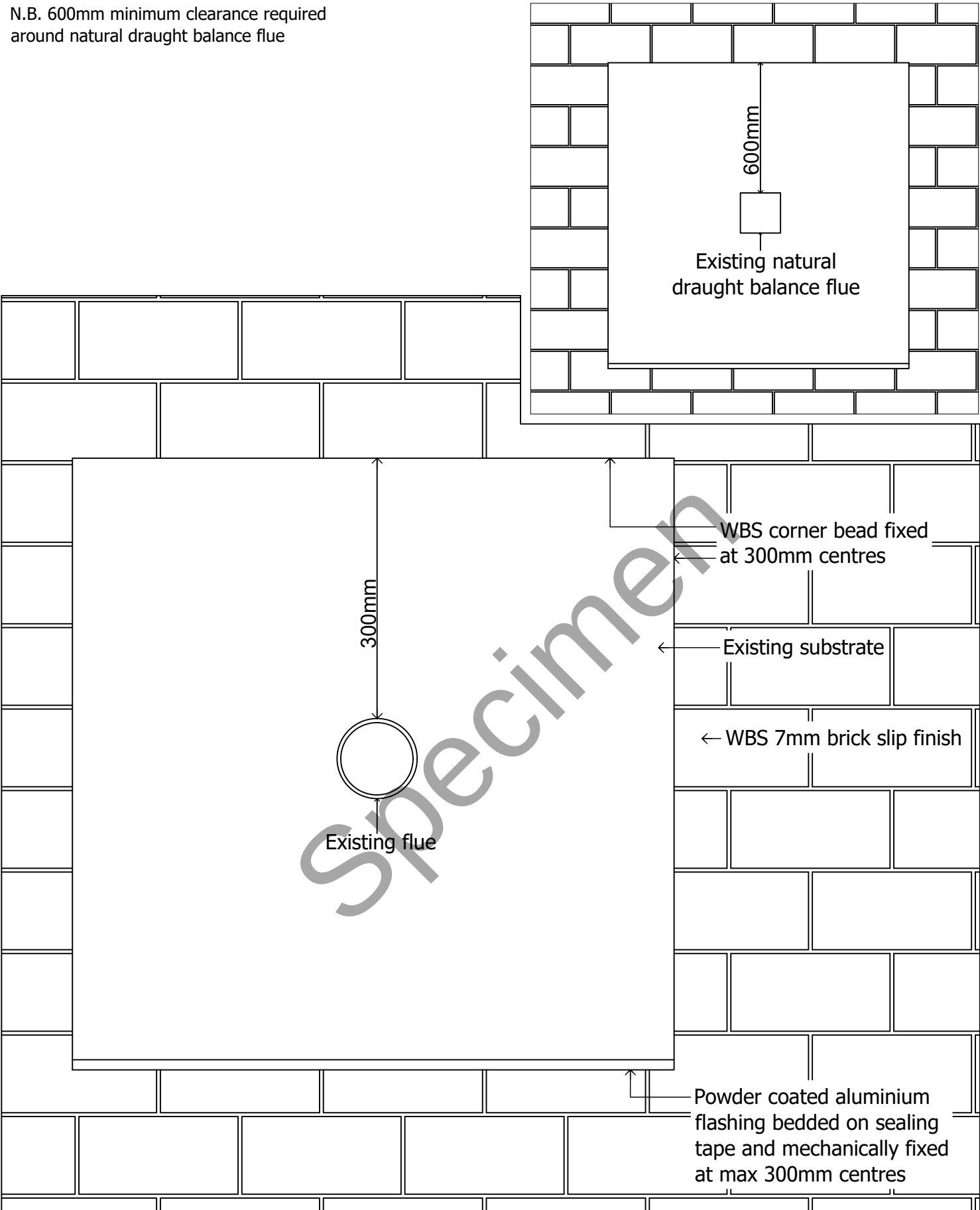
scale. **nts**

drawing no. **EWI-7MM BSLIP-24**



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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**

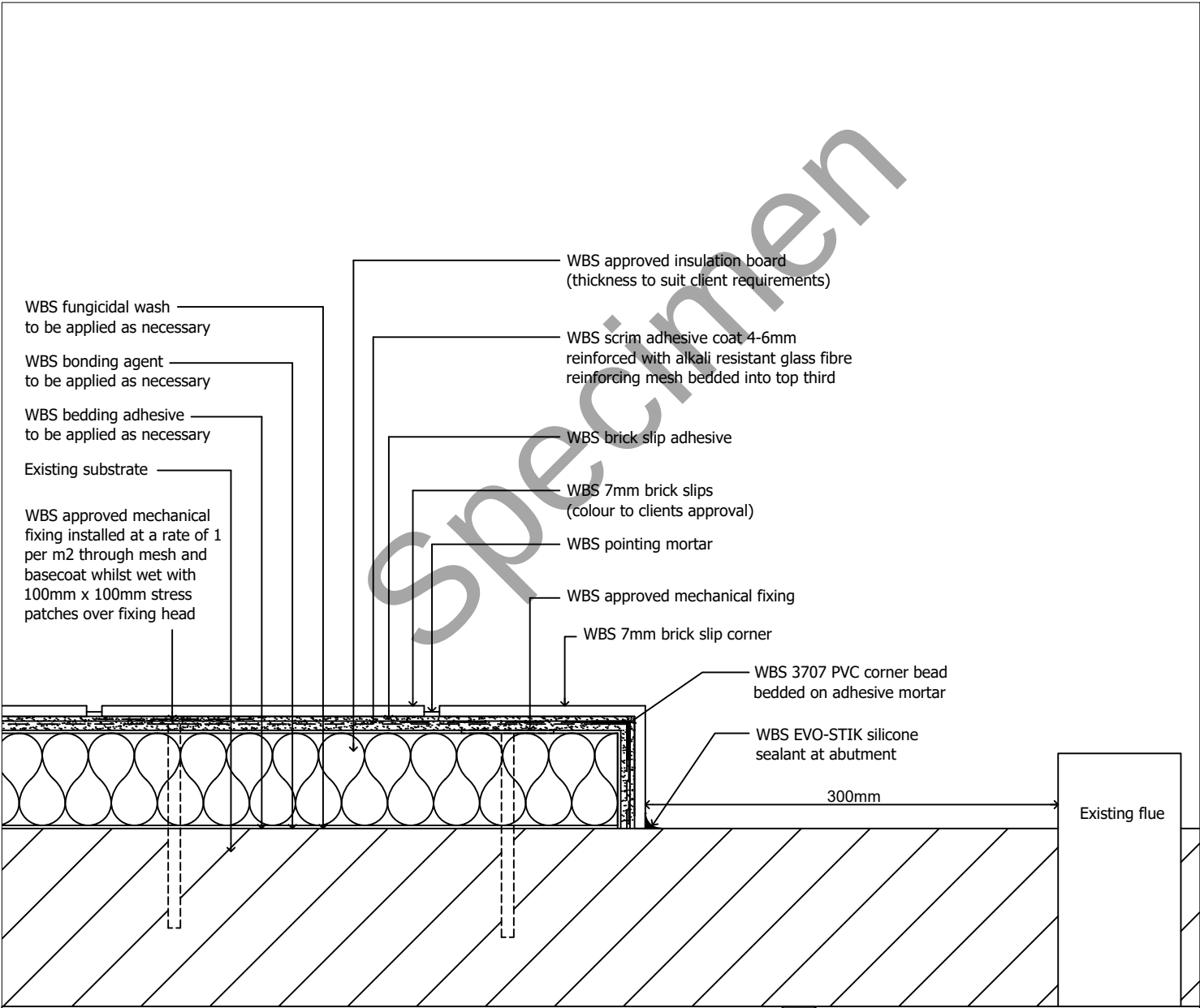
scale. **nts**

drawing no. **EWI-7MM BSLIP-25A**



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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**

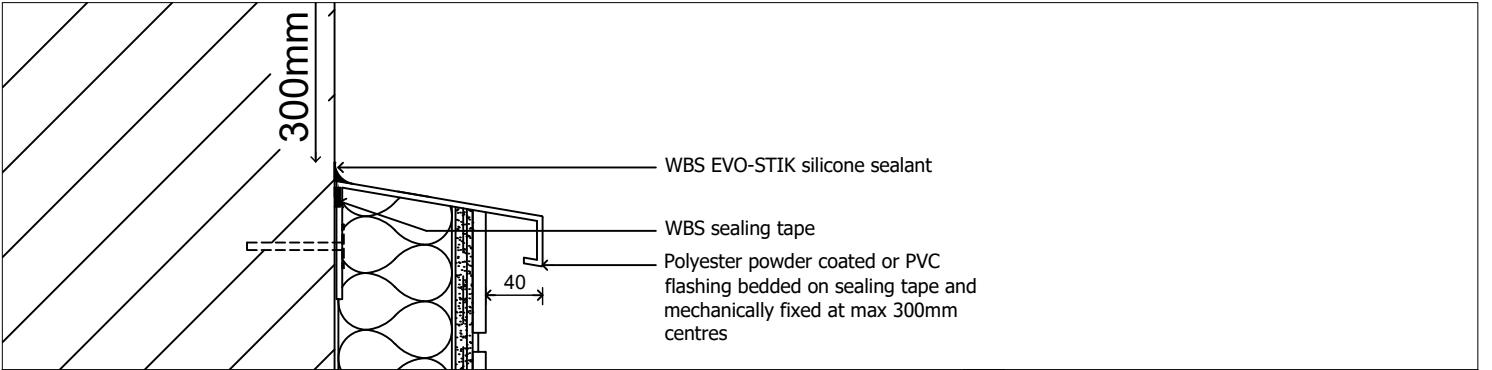
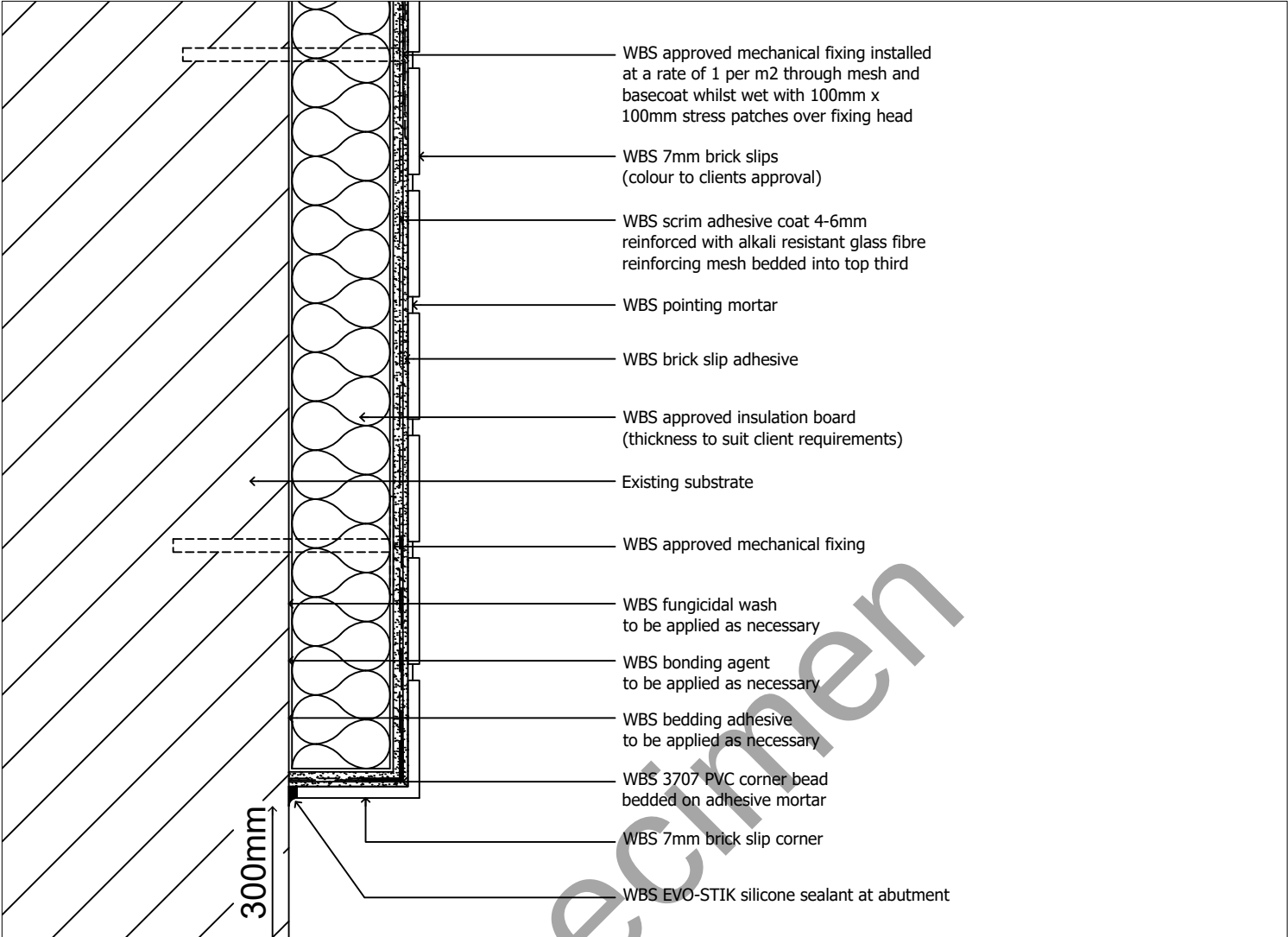
scale. **nts**

drawing no. **EWI-7MM BSLIP-25B**



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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. -

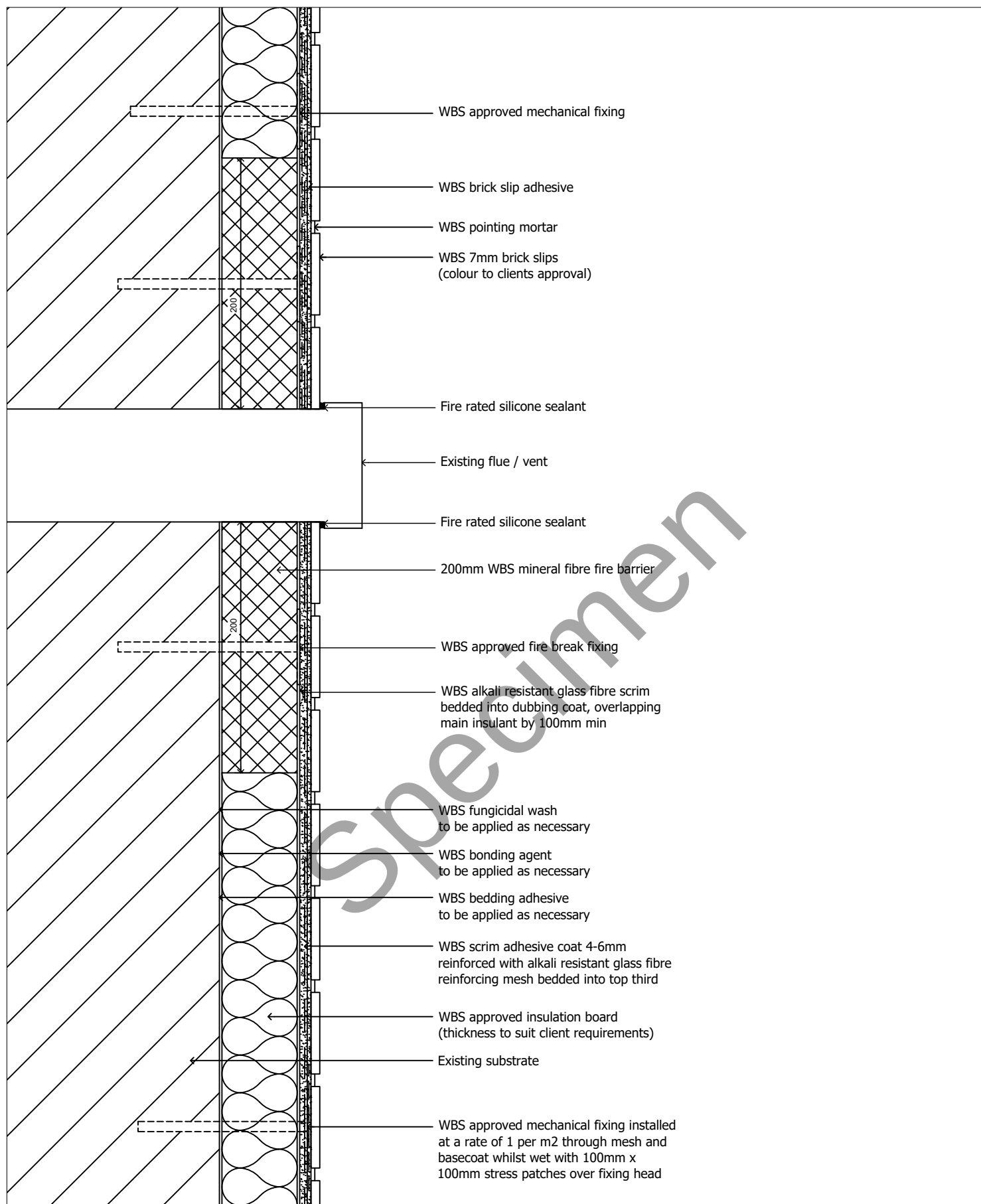
drawn by. LS

scale. nts

drawing no. **EWI-7MM BSLIP-25C**



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drawing. **Extended flue detail**

date. Nov 2019

revision. -

drawn by. LS

scale. nts

drawing no. **EWI-7MM BSLIP-26**



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