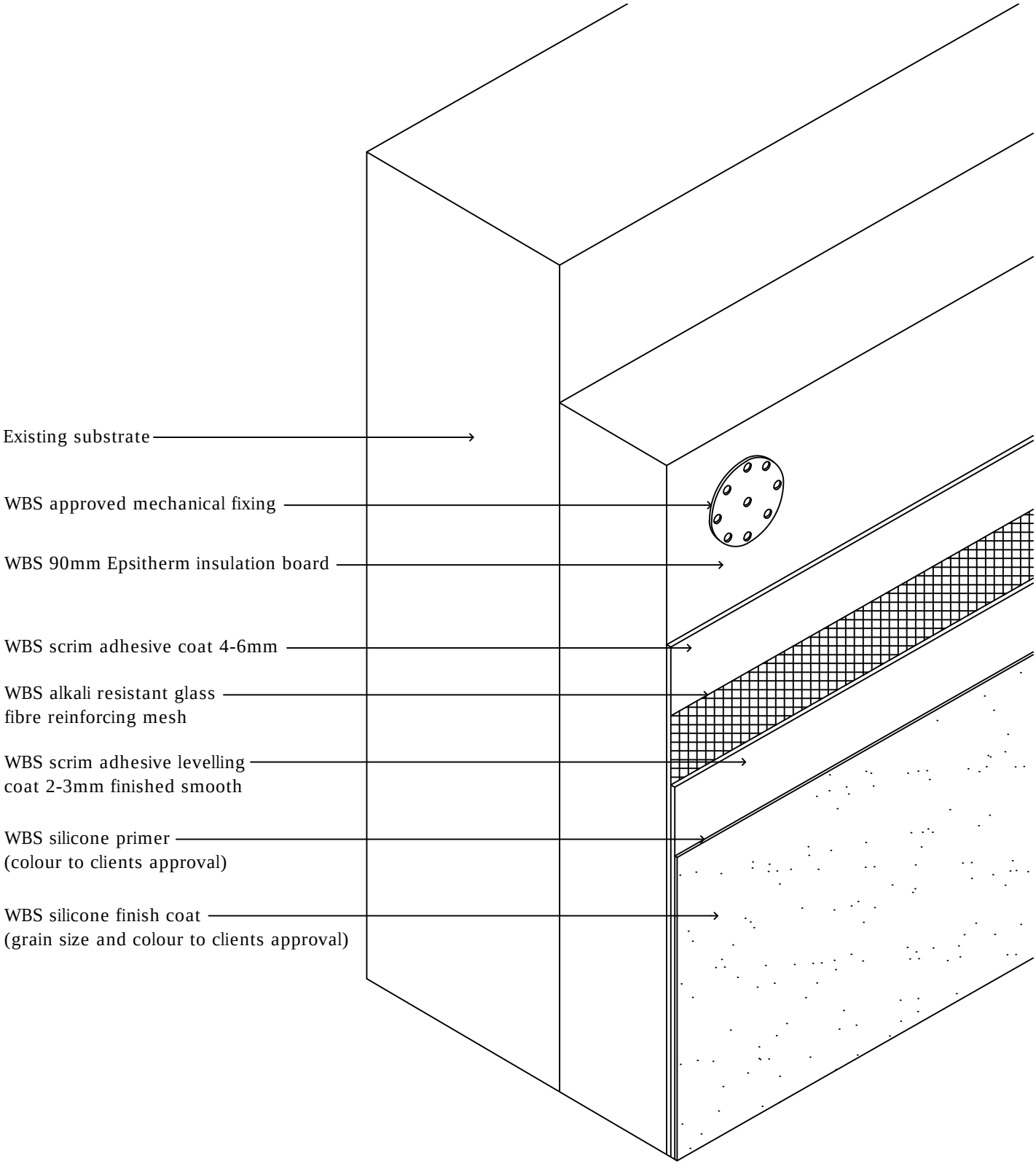


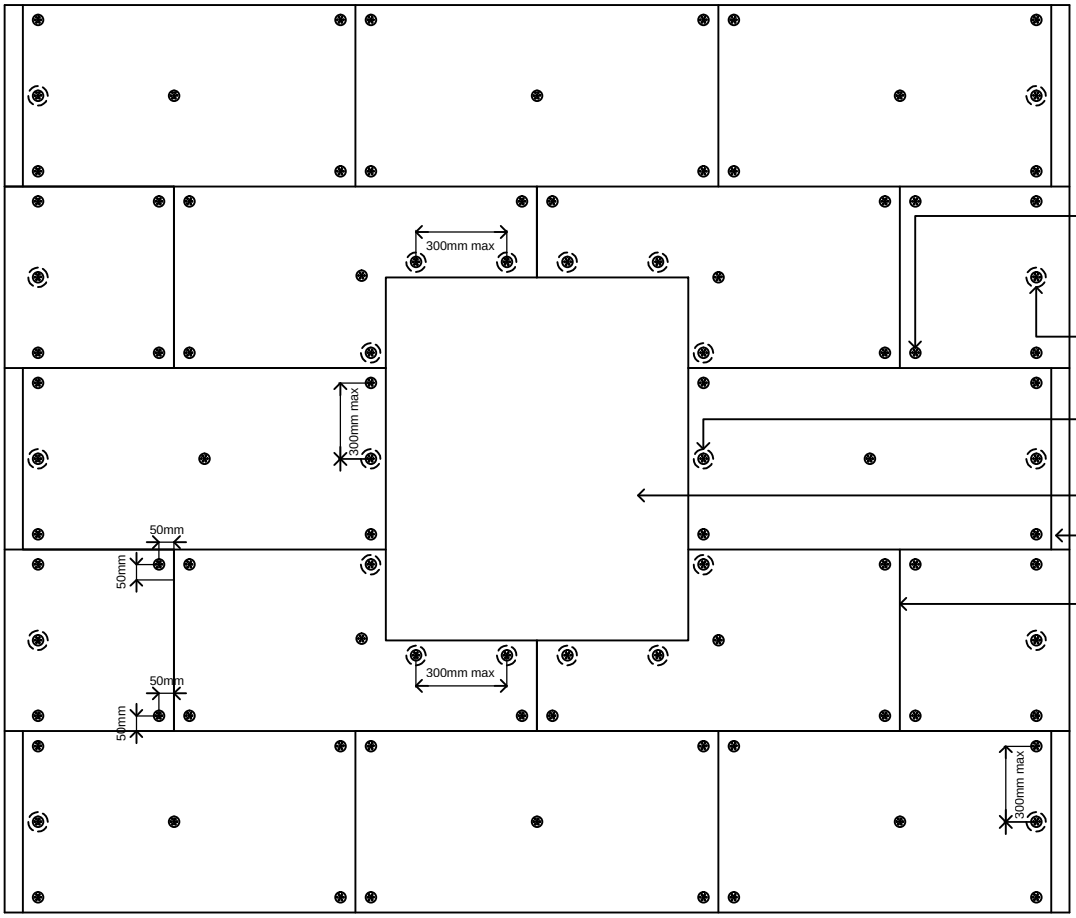
drawing. Isometric - System build up

date. February 2013 revision. - drawn by. RC scale. nts

drawing no. MASONRY-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

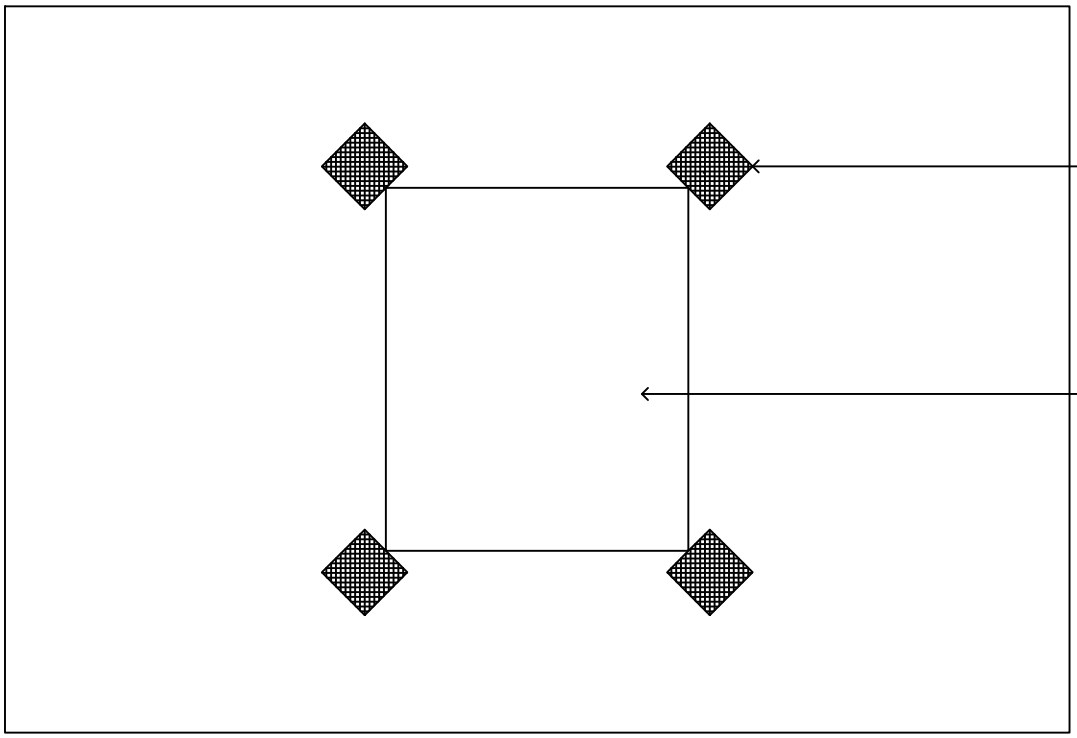
Fixings at a maximum of 300mm centres around all openings

Window / door opening

Staggered insulation board joints at building corner

1200x600mm WBS 90mm Epsitherm 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

Stanless steel secondary fixings are required on all buildings 4 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

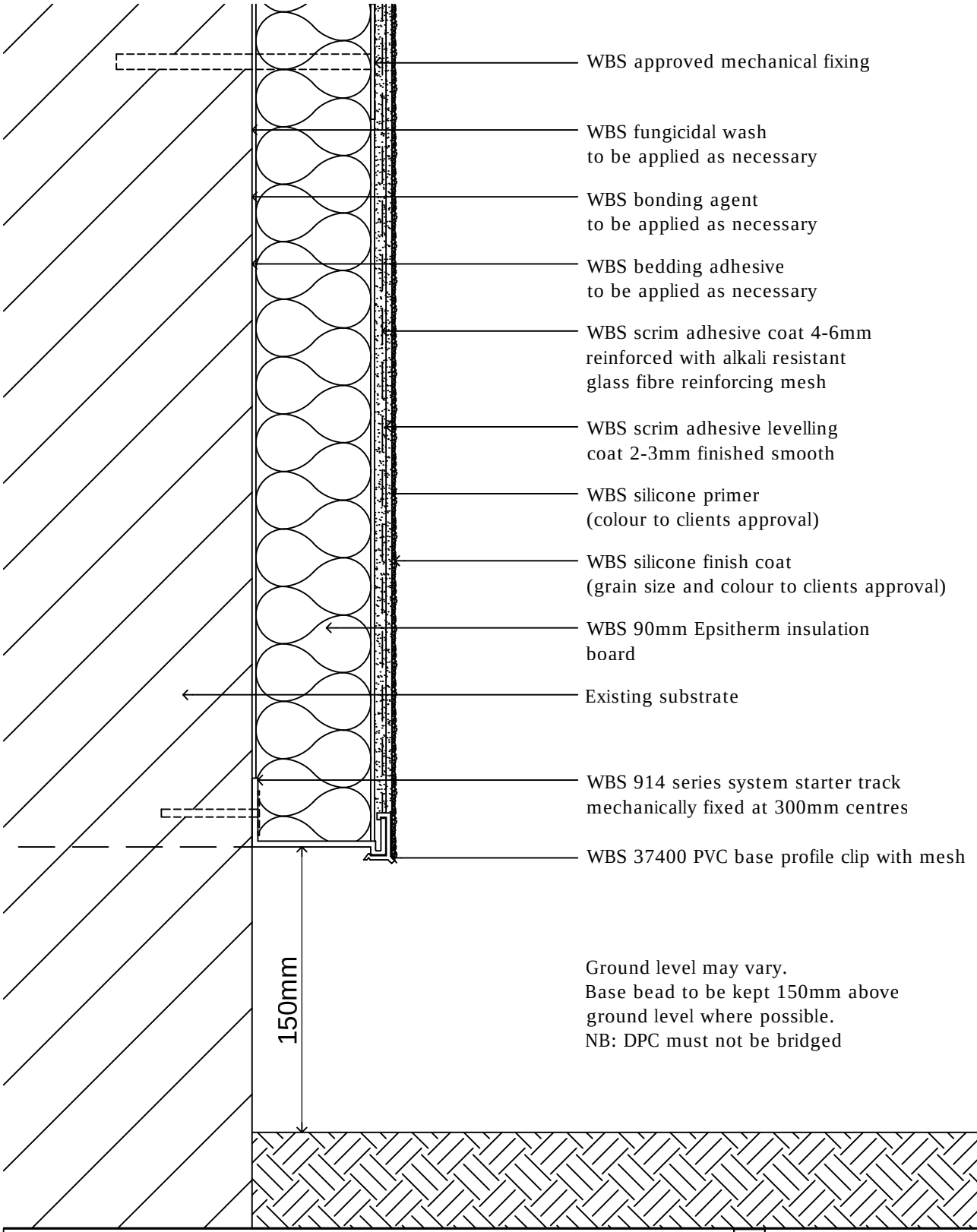
drawing. Fixing arrangement

date. February 2013 revision. - drawn by. RC scale. nts

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

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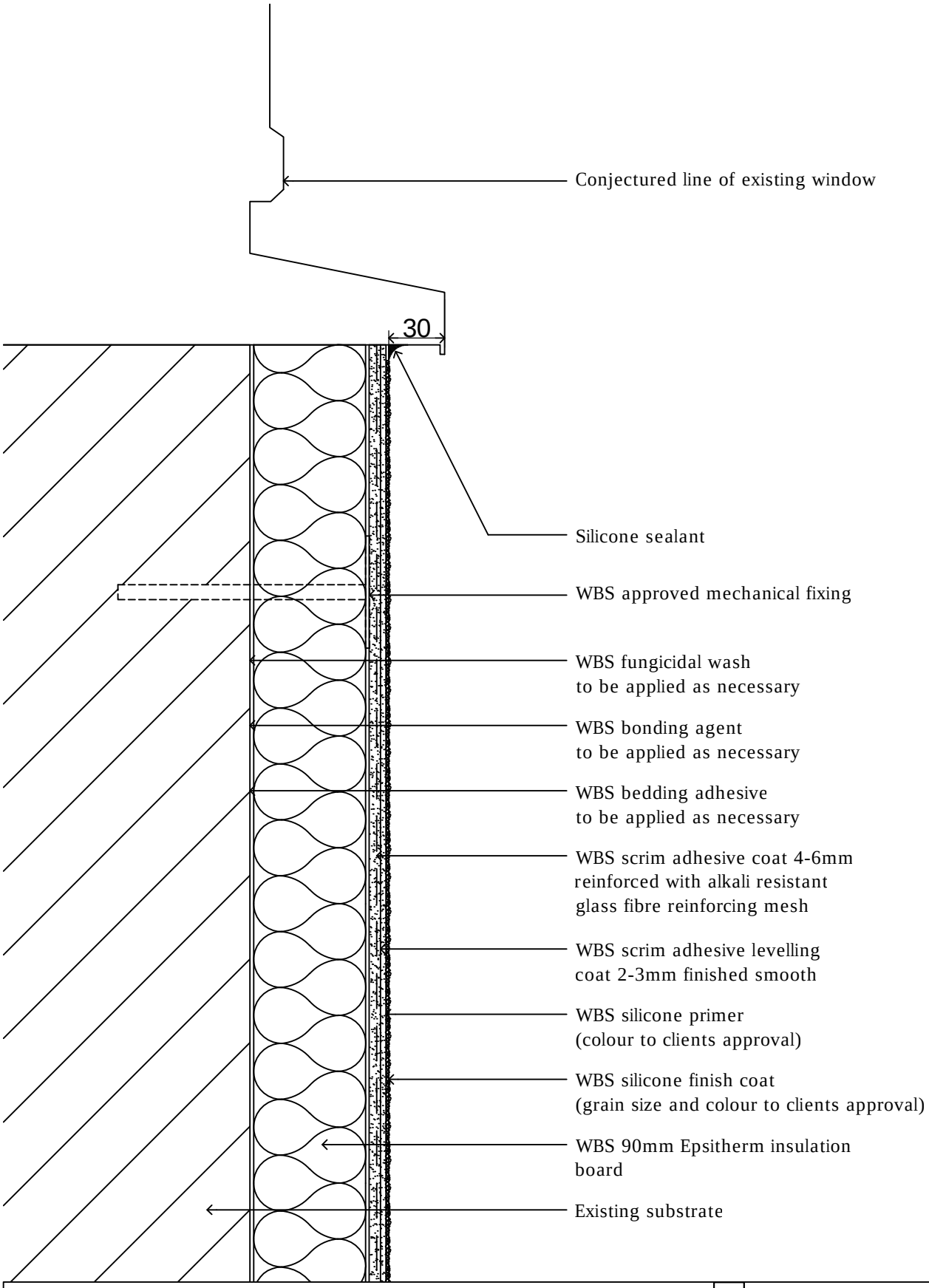
drawing. Base bead detail

date. February 2013 revision. - drawn by. RC scale. nts

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

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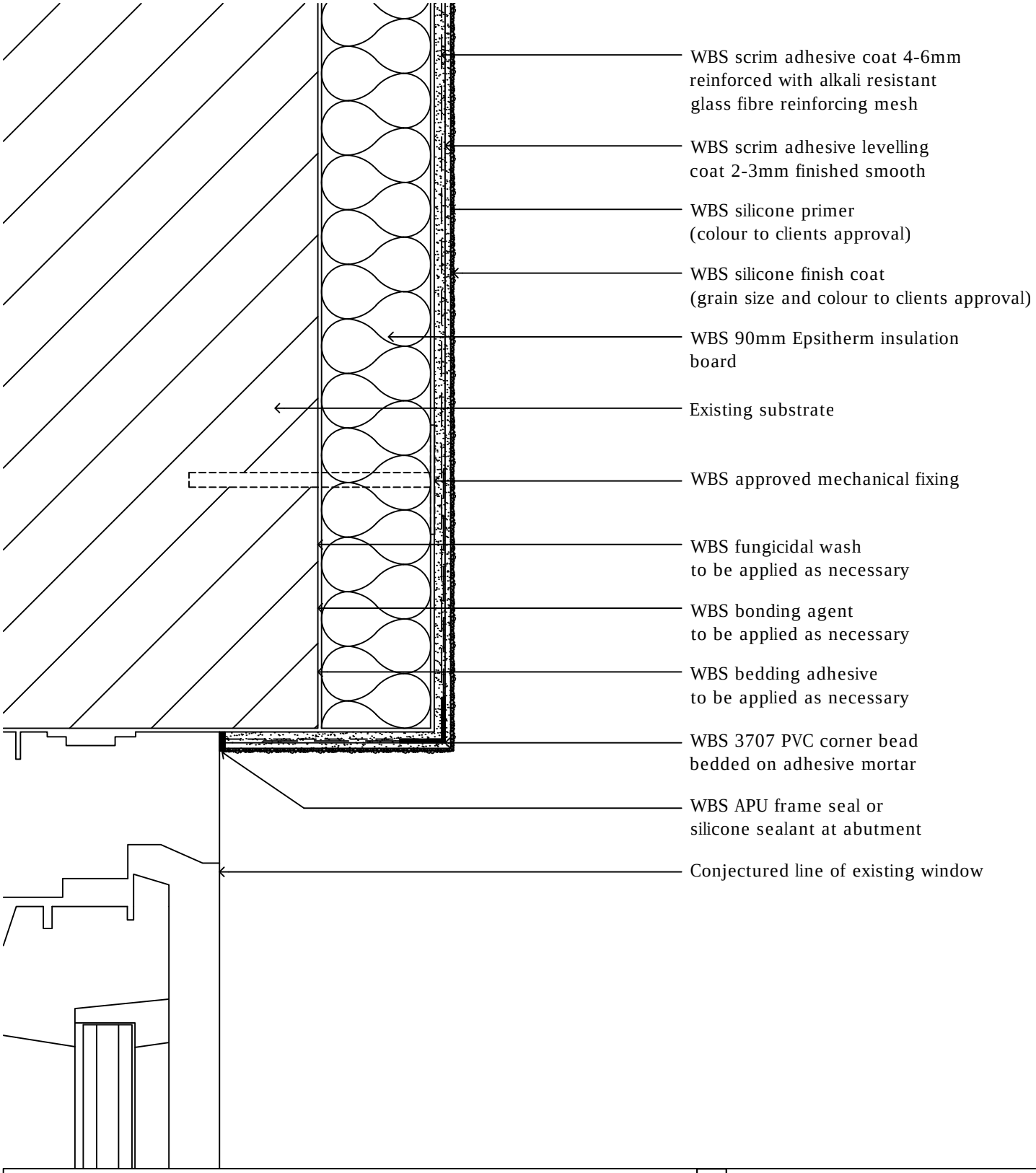
drawing. Window cill detail

date. February 2013 revision. - drawn by. RC scale. nts

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

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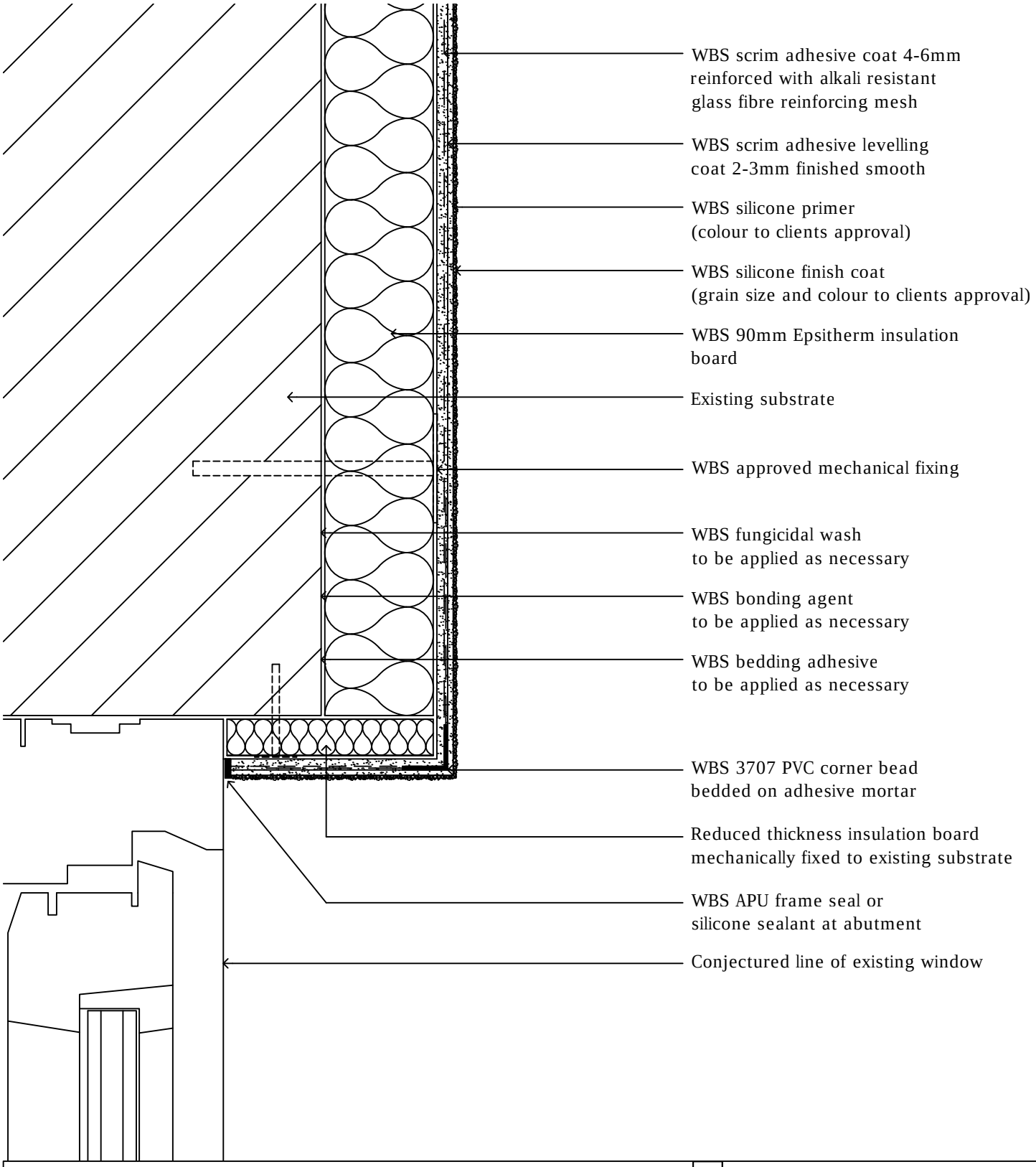
drawing. Window head detail 1 of 2

date. February 2013 revision. - drawn by. RC scale. nts

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

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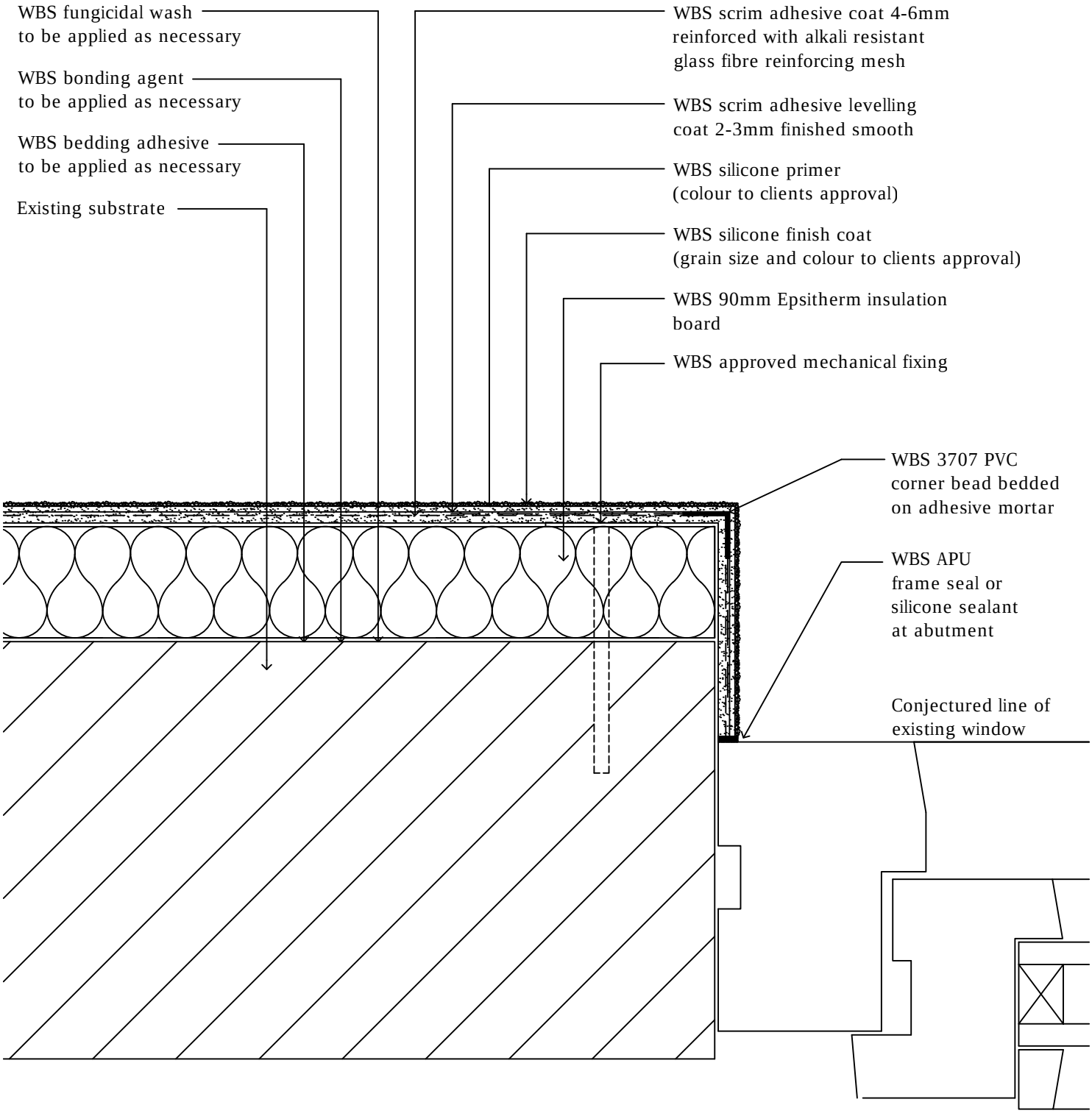
drawing. Window head detail 2 of 2

date. February 2013 revision. - drawn by. RC scale. nts

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

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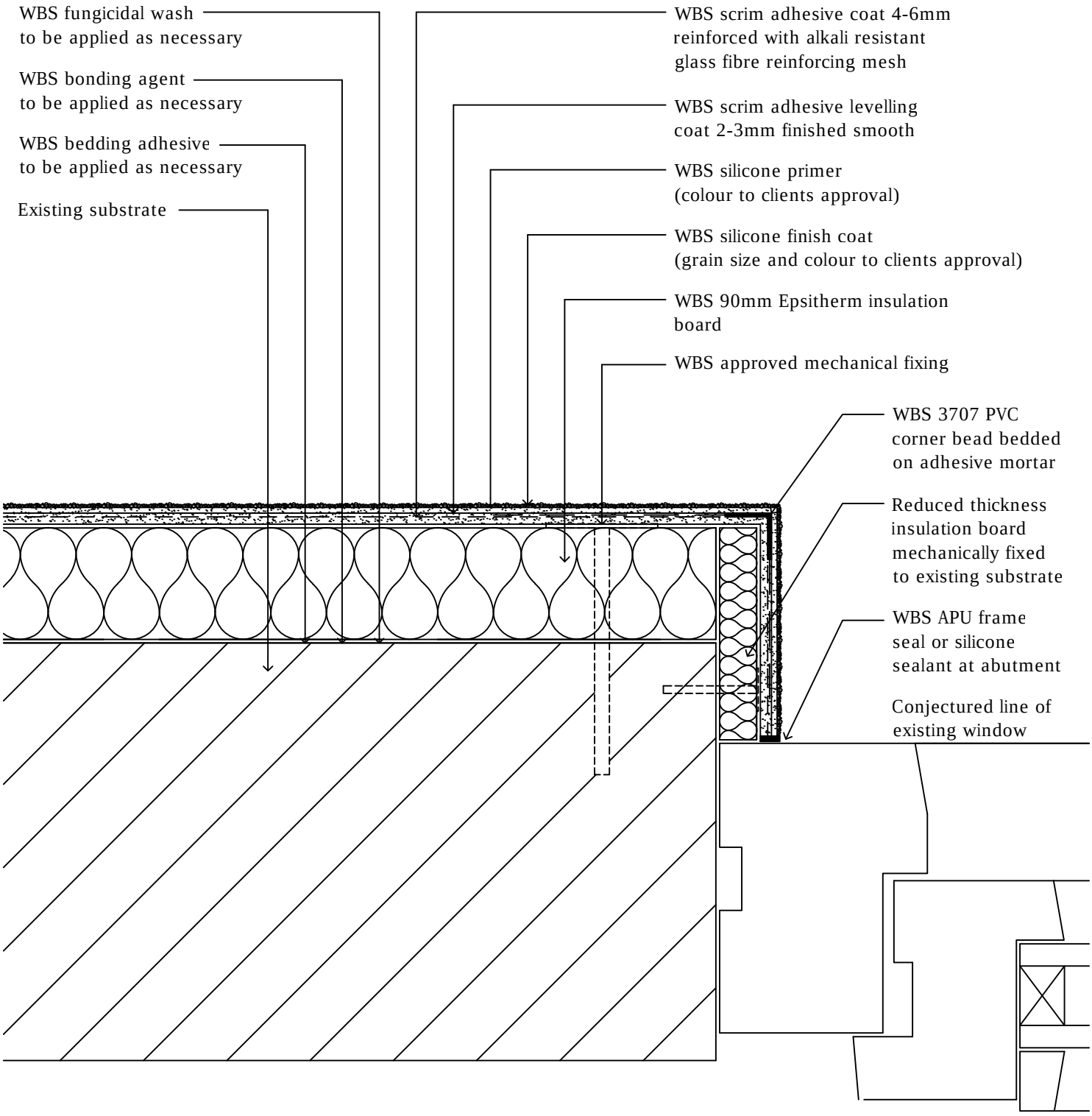
drawing. Window jamb detail 1 of 2

date. February 2013 revision. - drawn by. RC scale. nts

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

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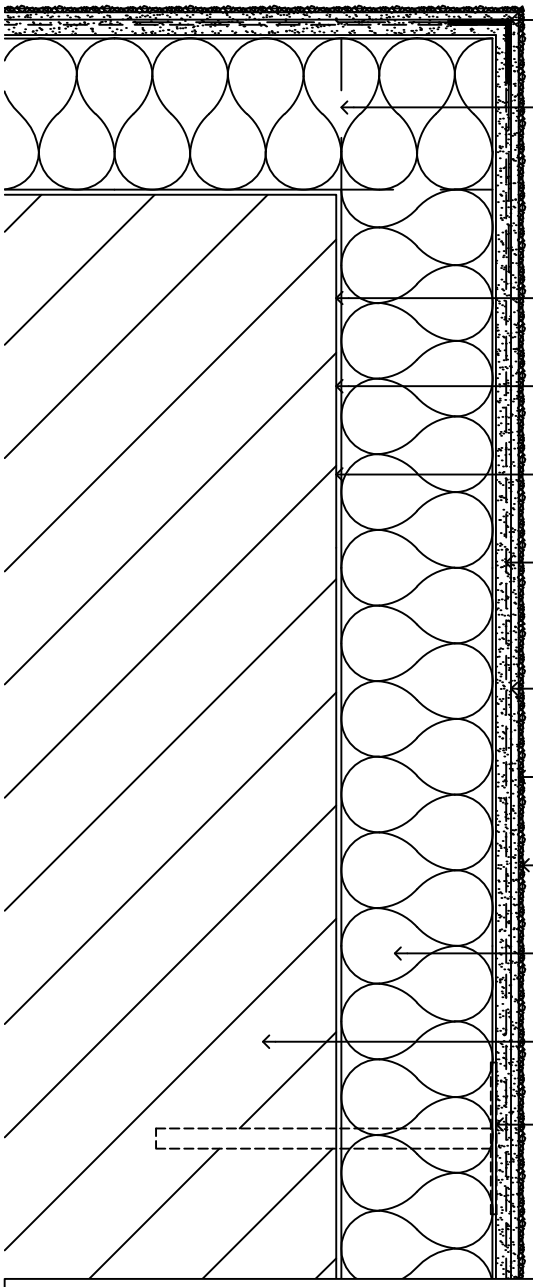
drawing. Window jamb detail 2 of 2

date. February 2013 revision. - drawn by. RC scale. nts

drawing no. MASONRY-EWI-SILICONE-06B drawing set. 04

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WBS 3707 PVC corner bead
bedded on adhesive mortar

Staggered insulation board
joints at building corner

WBS fungicidal wash
to be applied as necessary

WBS bonding agent
to be applied as necessary

WBS bedding adhesive
to be applied as necessary

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

WBS scrim adhesive levelling
coat 2-3mm finished smooth

WBS silicone primer
(colour to clients approval)

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

WBS 90mm Epsitherm insulation
board

Existing substrate

WBS approved mechanical fixing

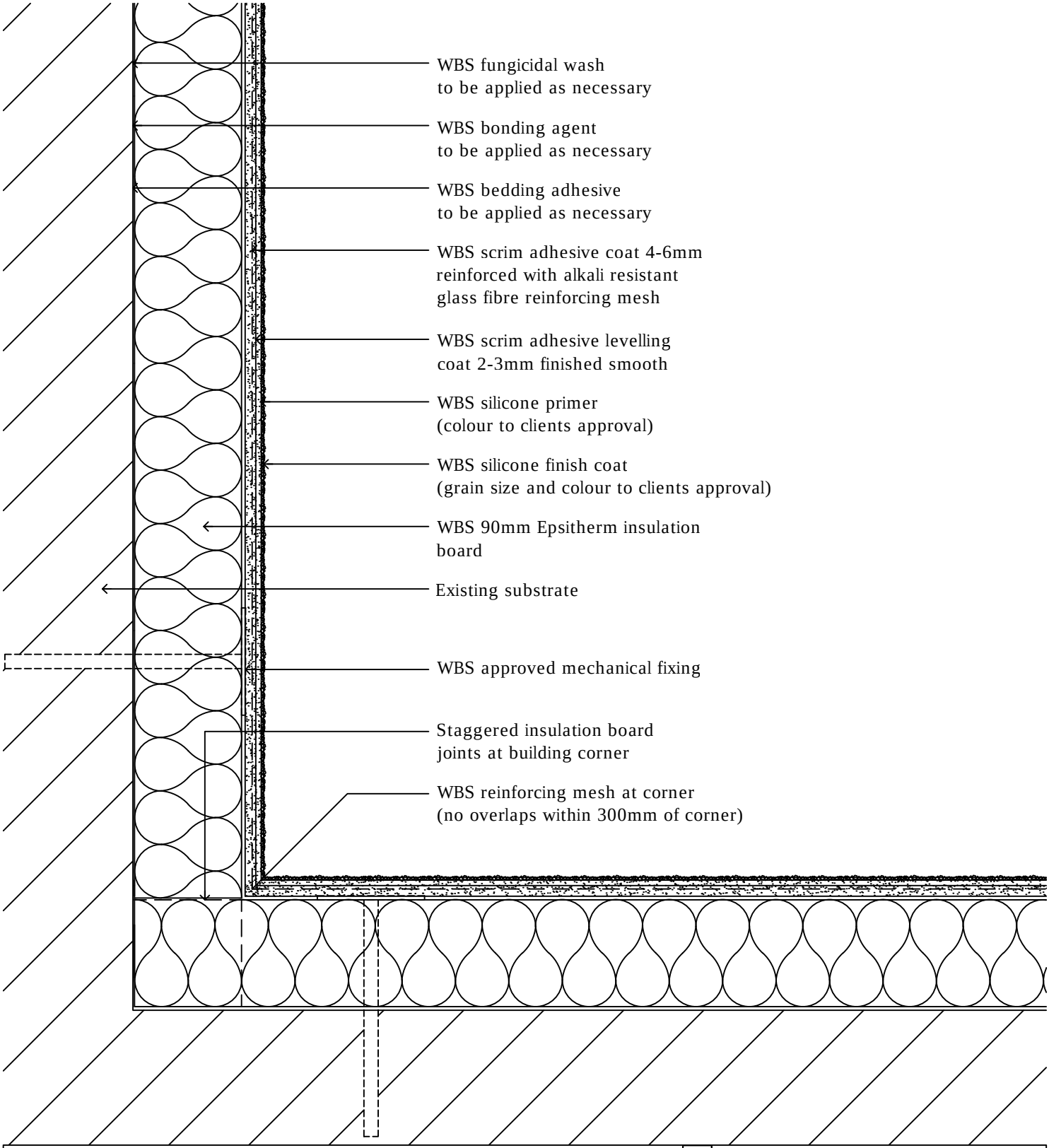
drawing. Building corner detail

date. February 2013 revision. - drawn by. RC scale. nts

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

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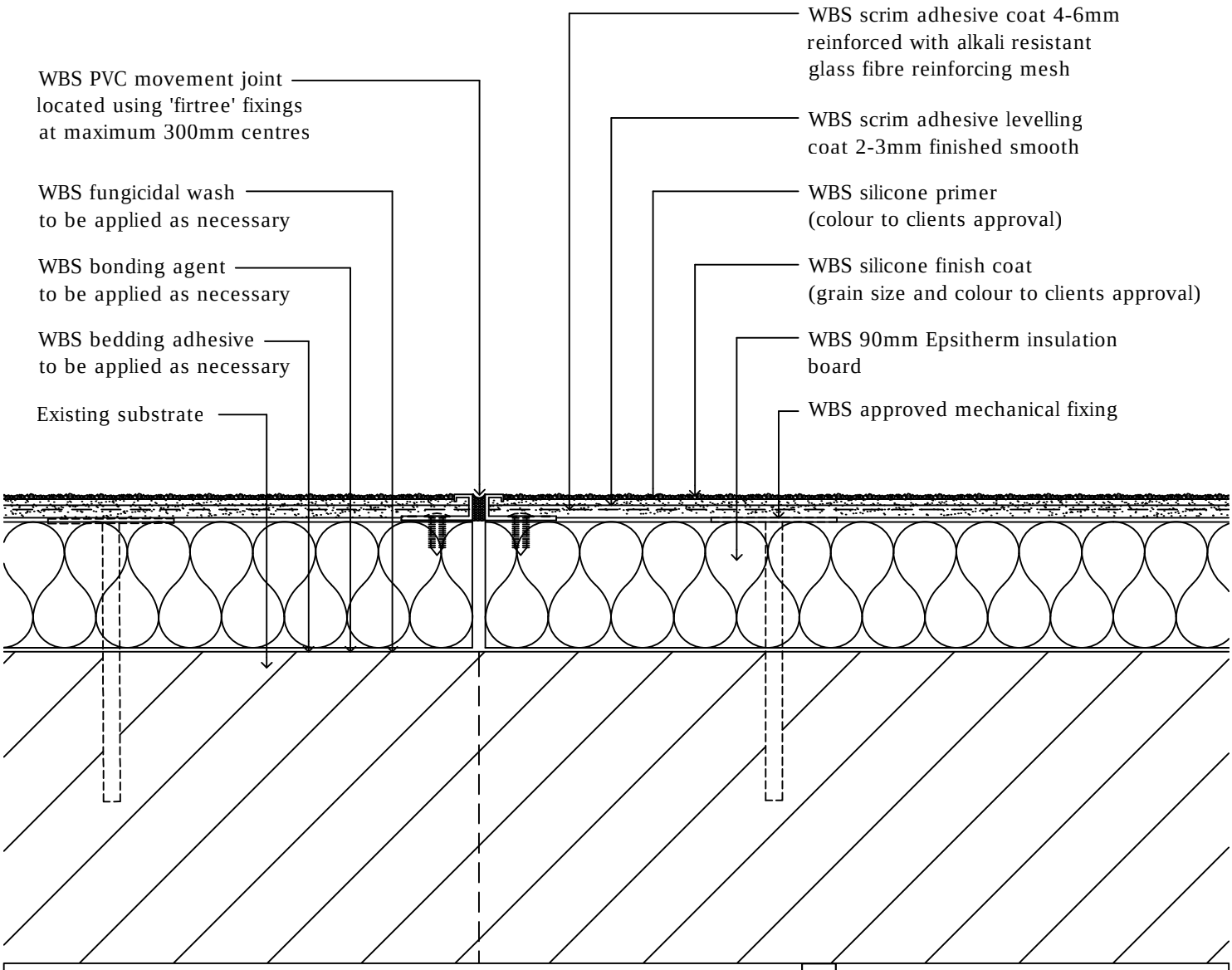
drawing. Internal building corner detail

date. February 2013 revision. - drawn by. RC scale. nts

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

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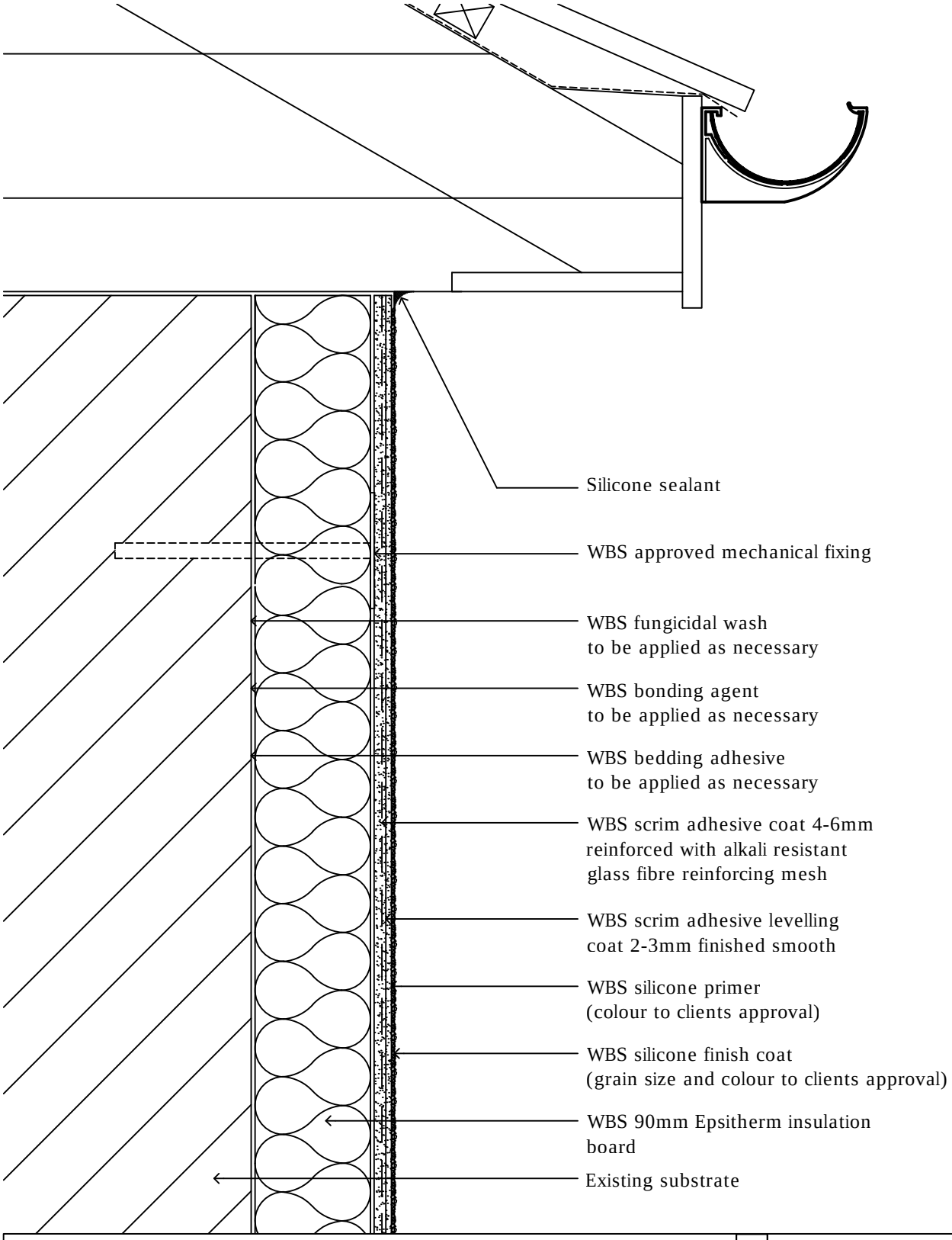
drawing. Movement joint detail

date. February 2013 revision. - drawn by. RC scale. nts

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

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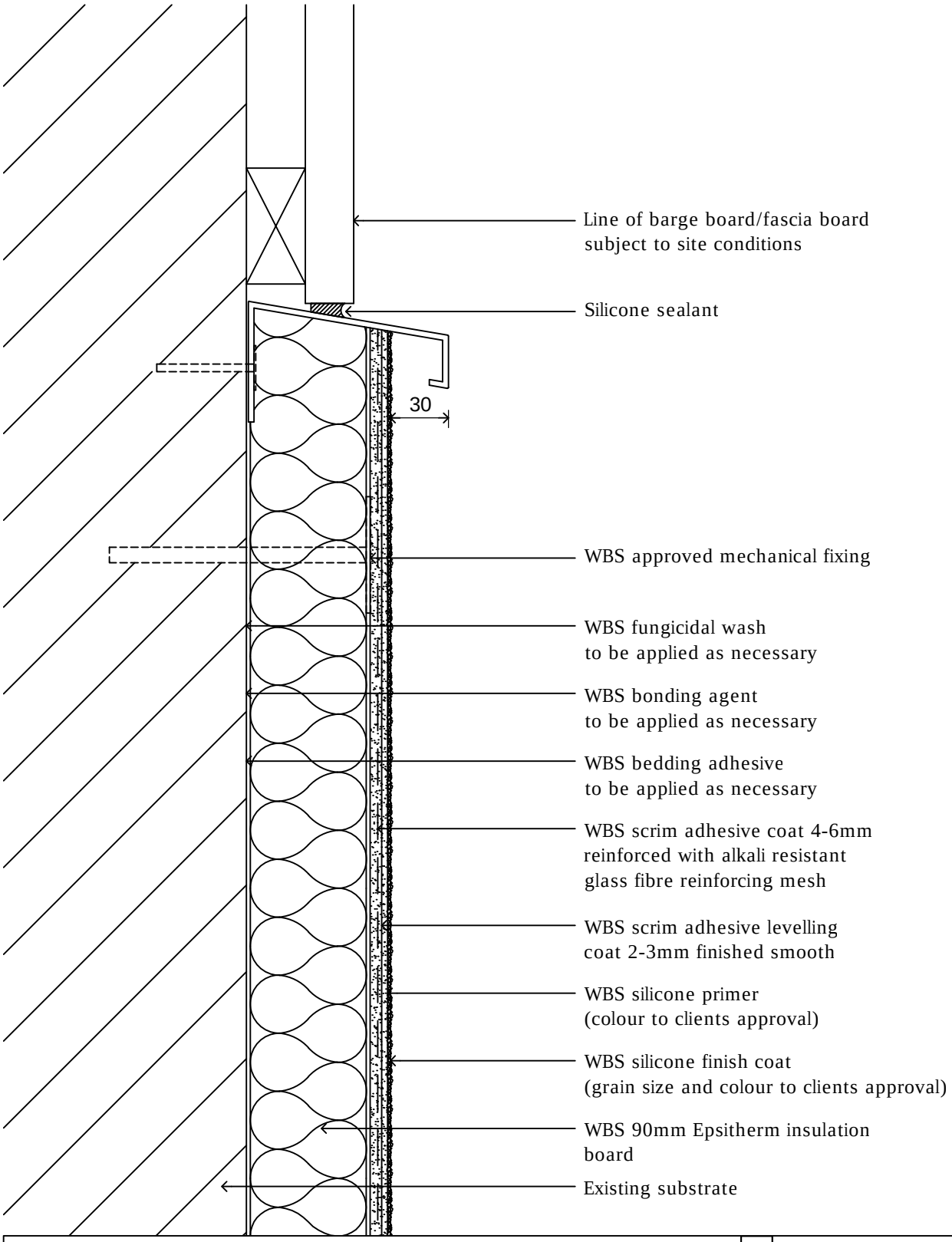
drawing. Roof abutment detail

date. February 2013 revision. - drawn by. RC scale. nts

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

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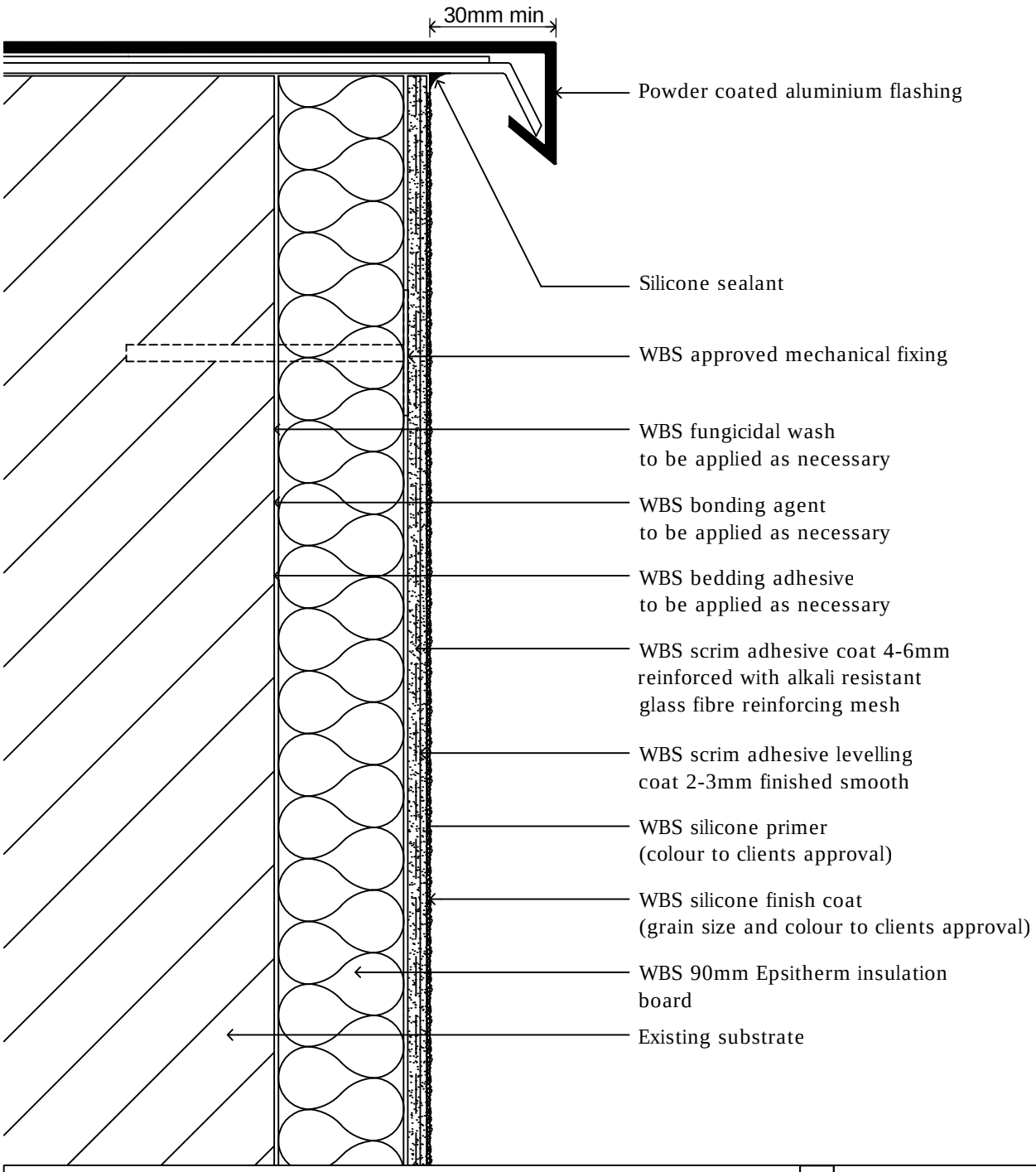
drawing. Verge trim detail

date. February 2013 revision. - drawn by. RC scale. nts

drawing no. MASONRY-EWI-SILICONE-10 drawing set. 04

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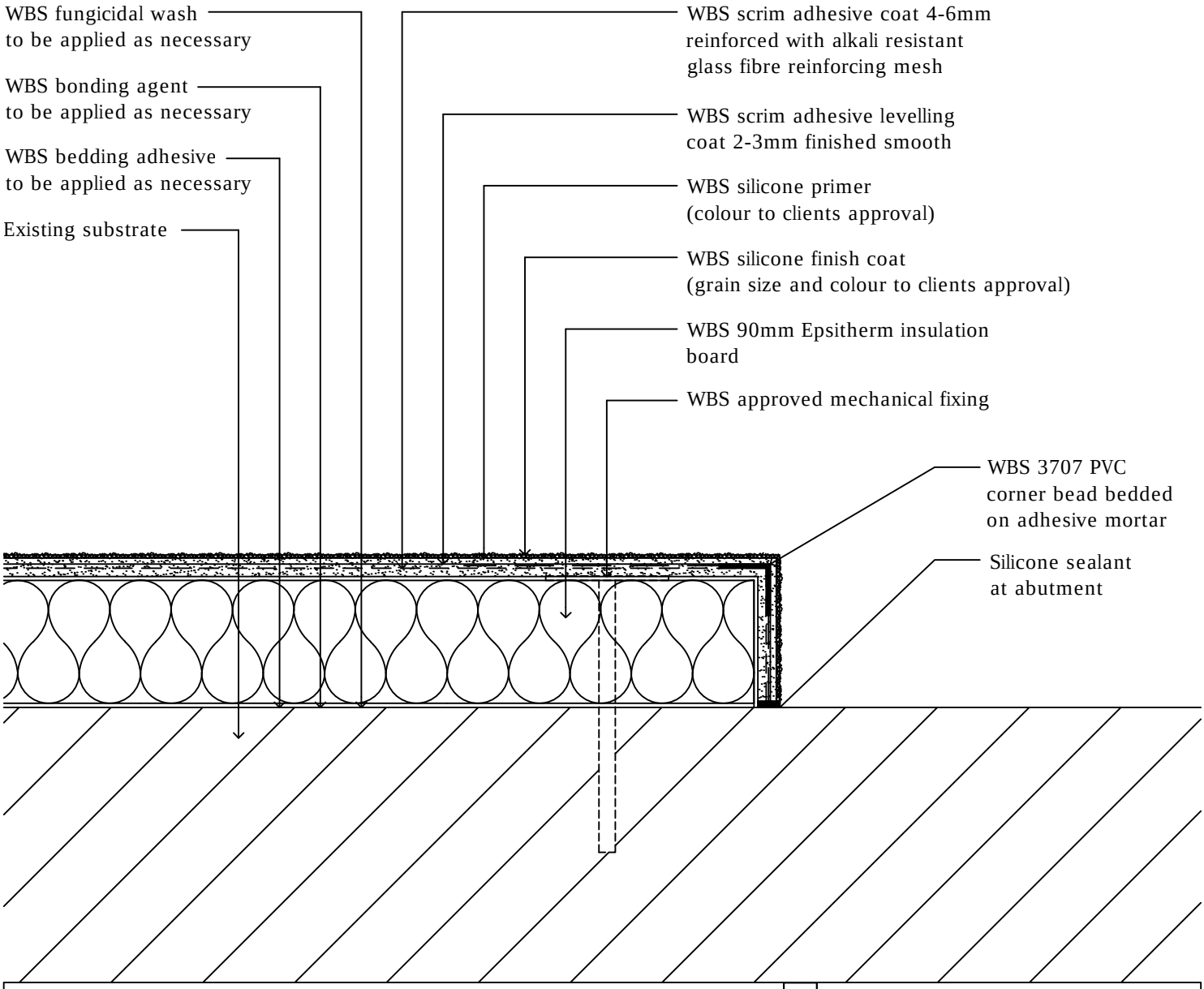
drawing. **Parapet detail**

date. February 2013 revision. - drawn by. RC scale. nts

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

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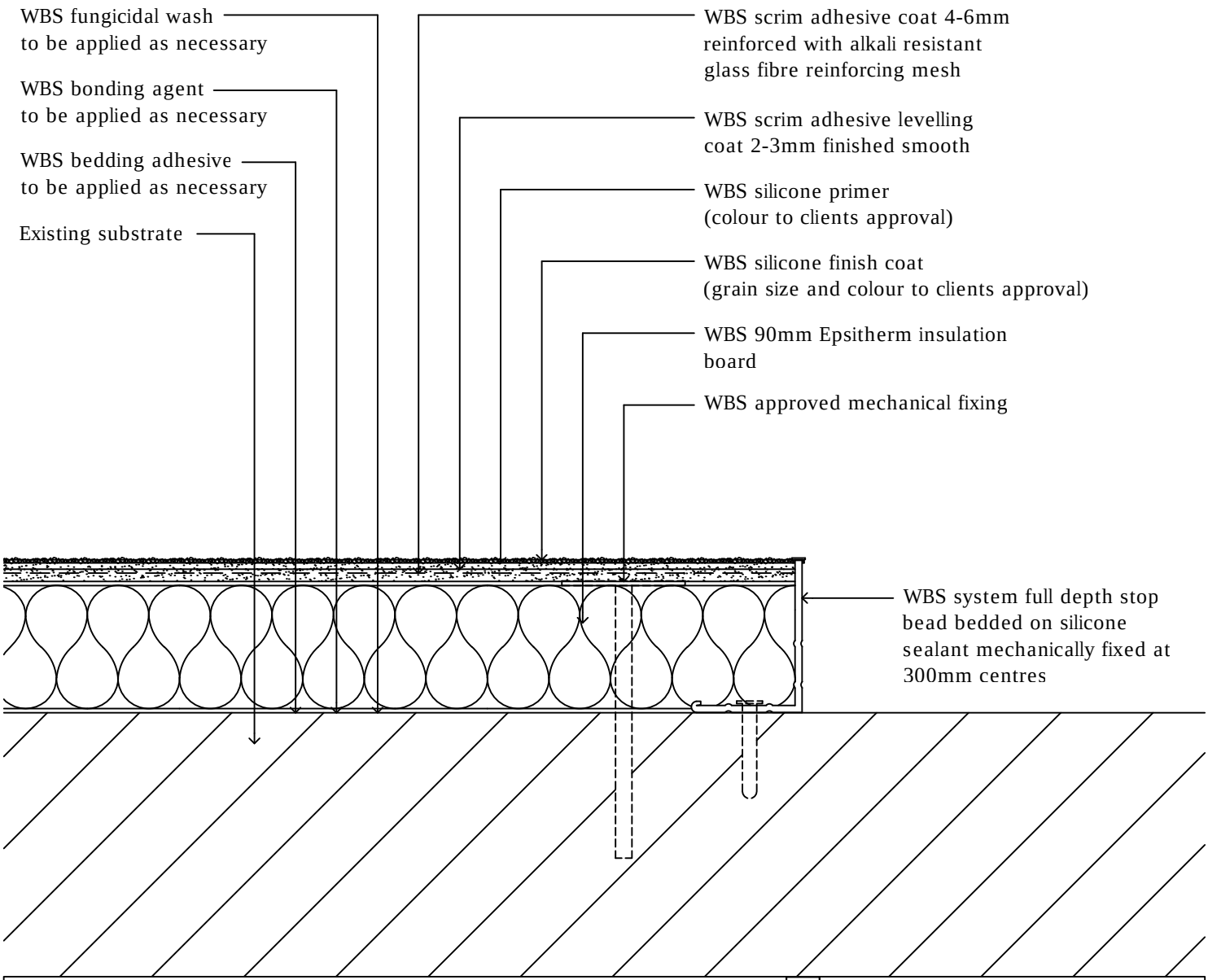
drawing. Party wall detail 1 of 2

date. February 2013 revision. - drawn by. RC scale. nts

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

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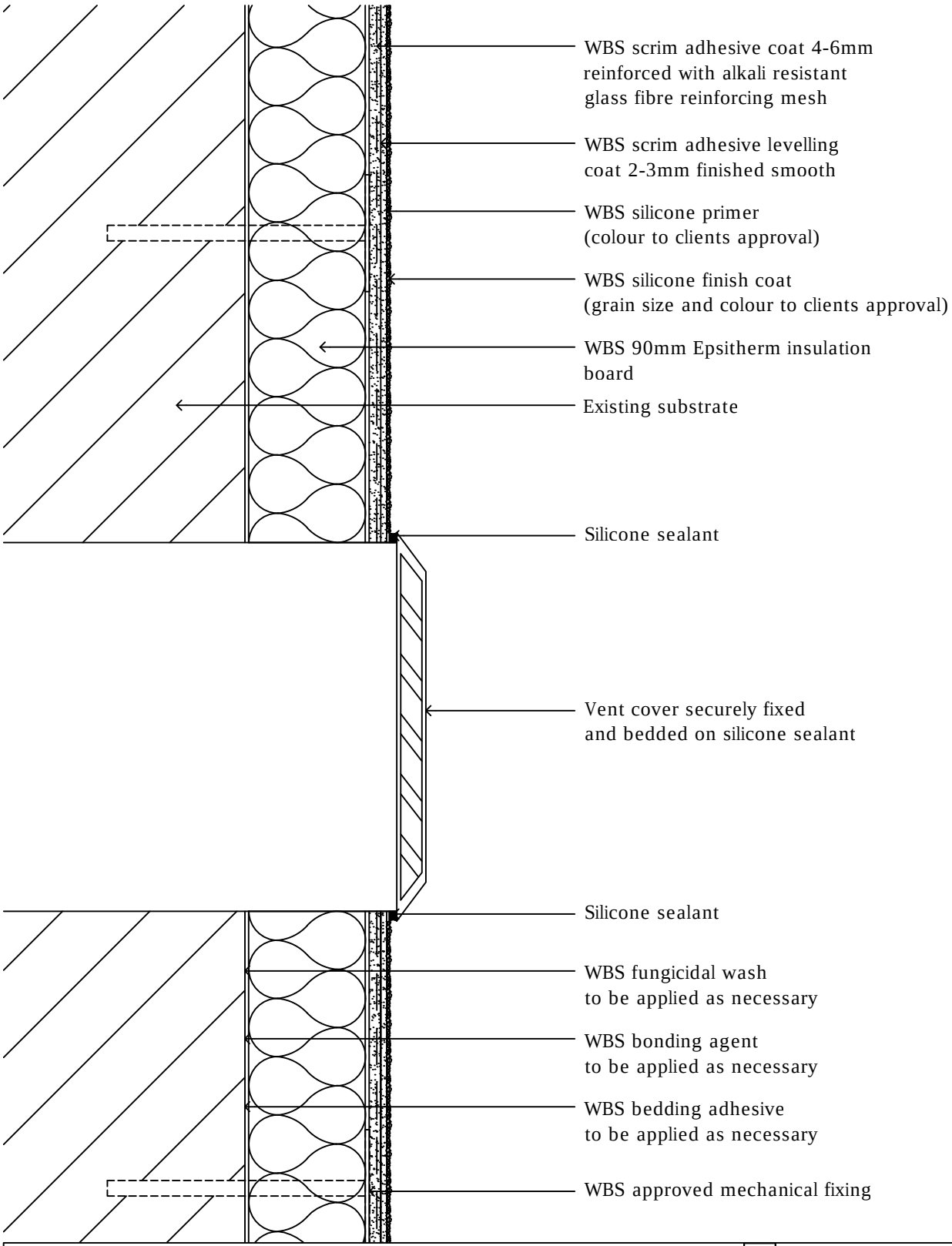
drawing. Party wall detail 2 of 2

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drawing no. MASONRY-EWI-SILICONE-12B drawing set. 04

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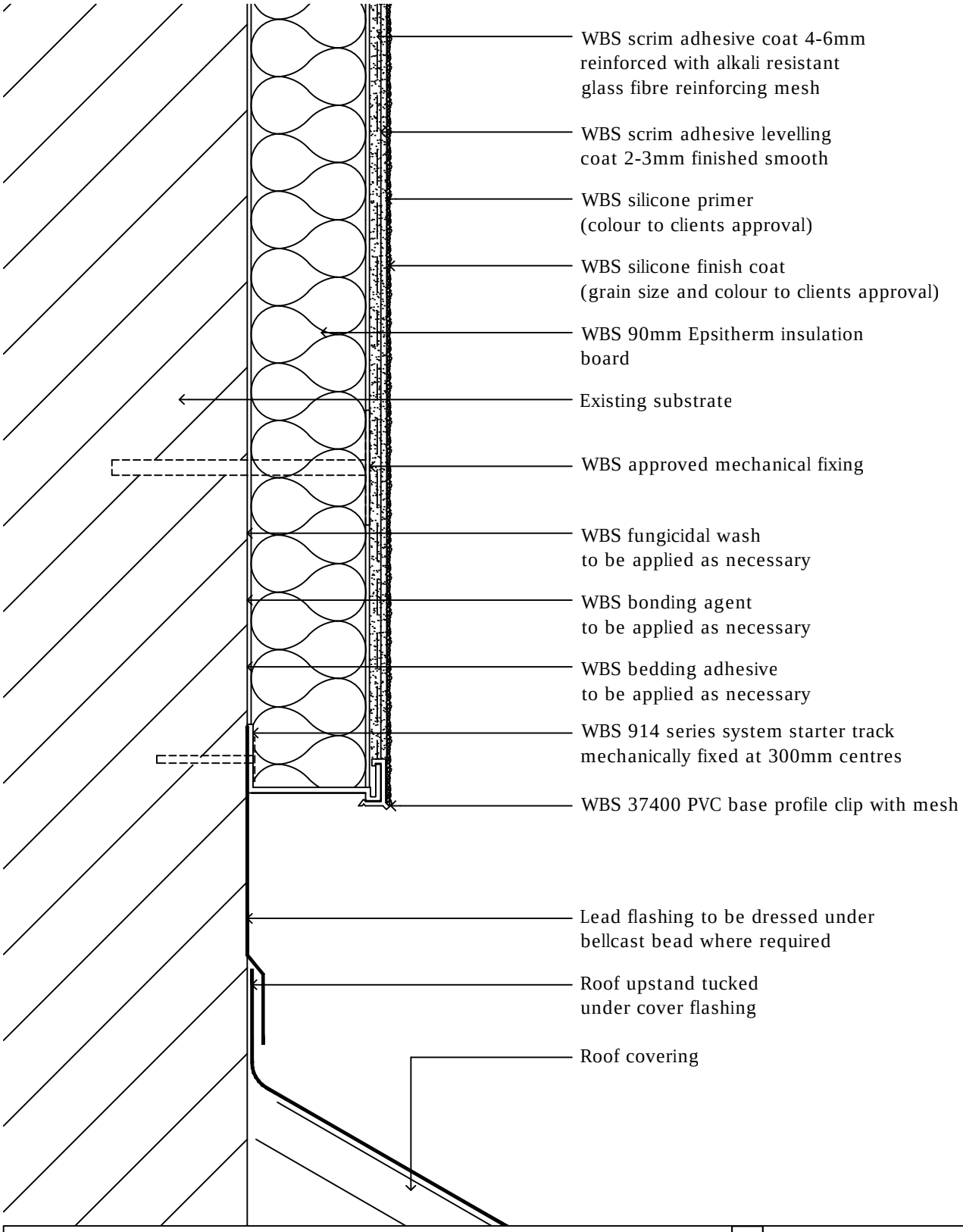
drawing. Air vent detail

date. February 2013 revision. - drawn by. RC scale. nts

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

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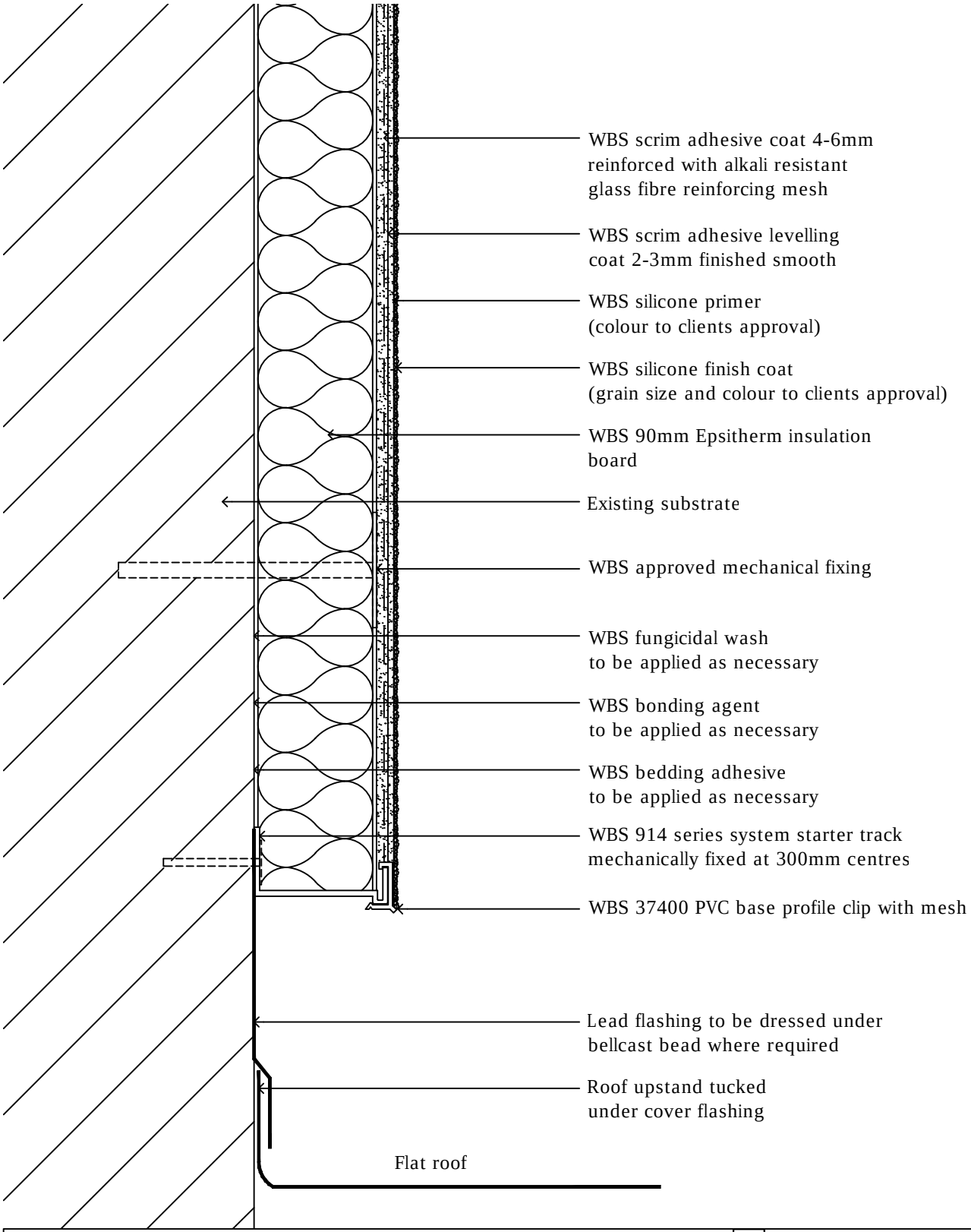
drawing. Roof junction detail 1 of 2

date. February 2013 revision. - drawn by. RC scale. nts

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

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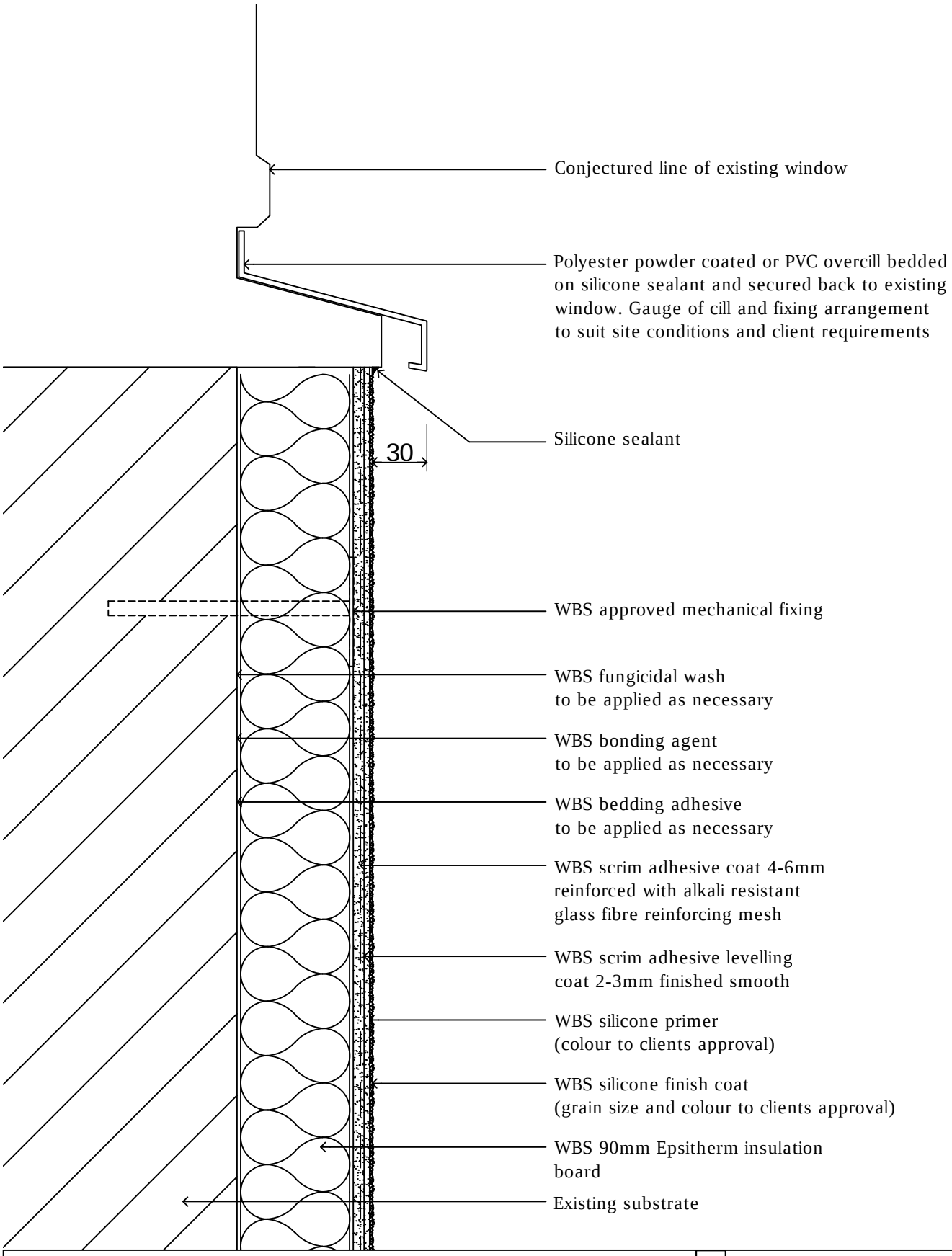
drawing. Roof junction detail 2 of 2

date. February 2013 revision. - drawn by. RC scale. nts

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

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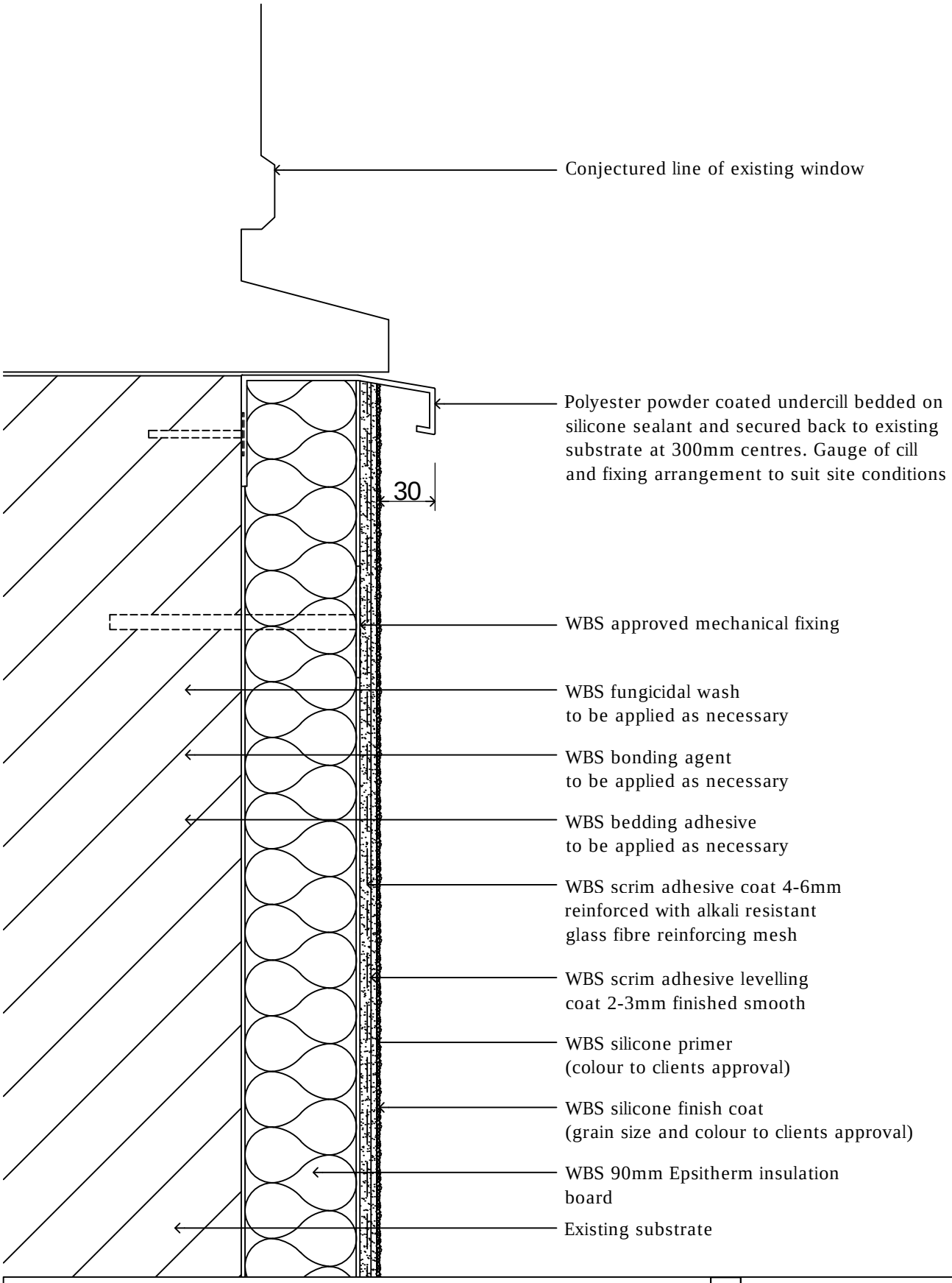
drawing. Overcill detail

date. February 2013 revision. - drawn by. RC scale. nts

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

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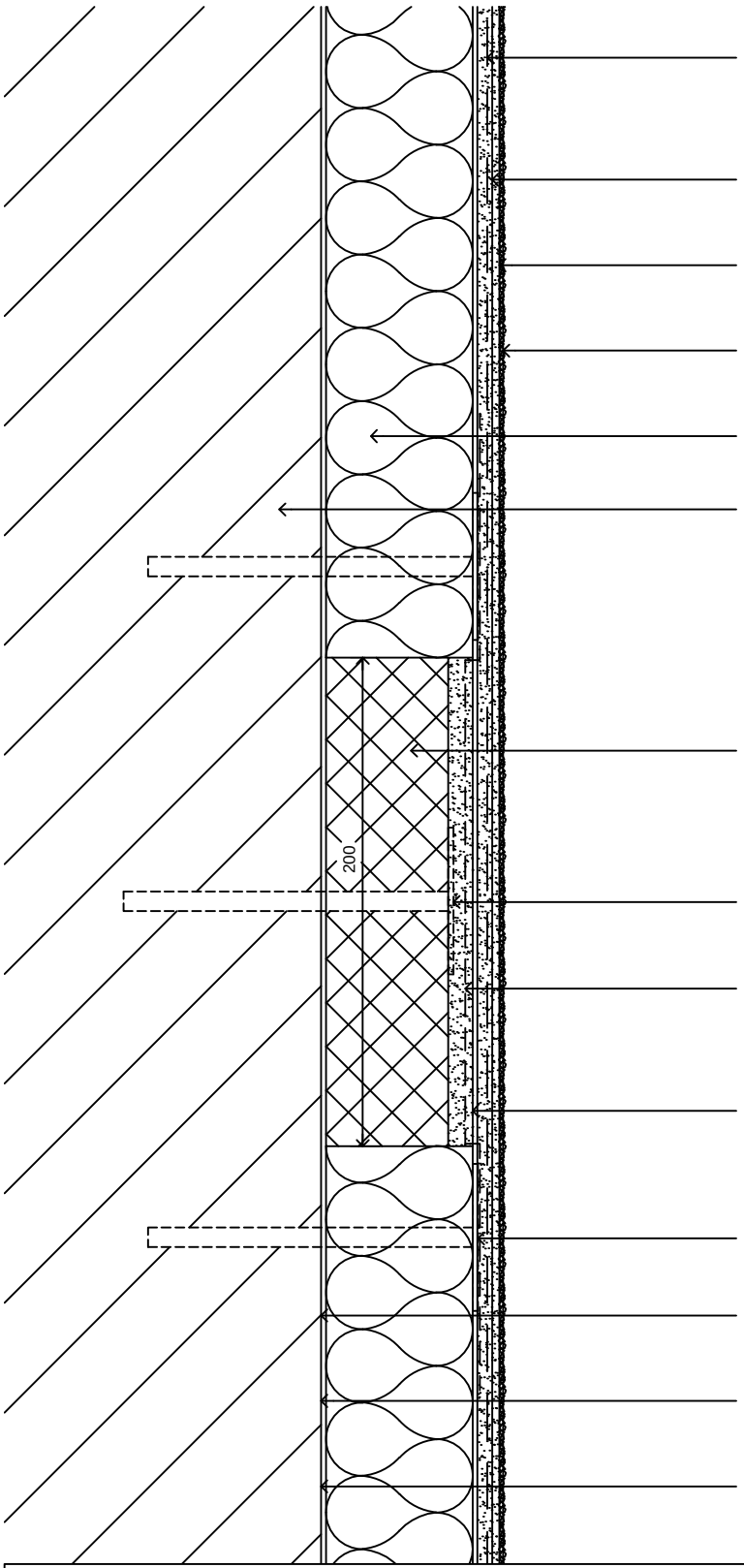
drawing. Undercill detail

date. February 2013 revision. - drawn by. RC scale. nts

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

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

WBS scrim adhesive levelling coat 2-3mm finished smooth

WBS silicone primer (colour to clients approval)

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

WBS 90mm Epsitherm insulation board

Existing substrate

200mm WBS mineral fibre fire barrier, 10mm less than main insulant

WBS stainless steel fire break fixing

WBS alkali resistant glass fibre scrim bedded into dubbing coat, overlapping main insulant by 100mm min

WBS mineral fibre fire barrier dubbed out to main insulant

WBS approved mechanical fixing

WBS fungicidal wash to be applied as necessary

WBS bonding agent to be applied as necessary

WBS bedding adhesive to be applied as necessary

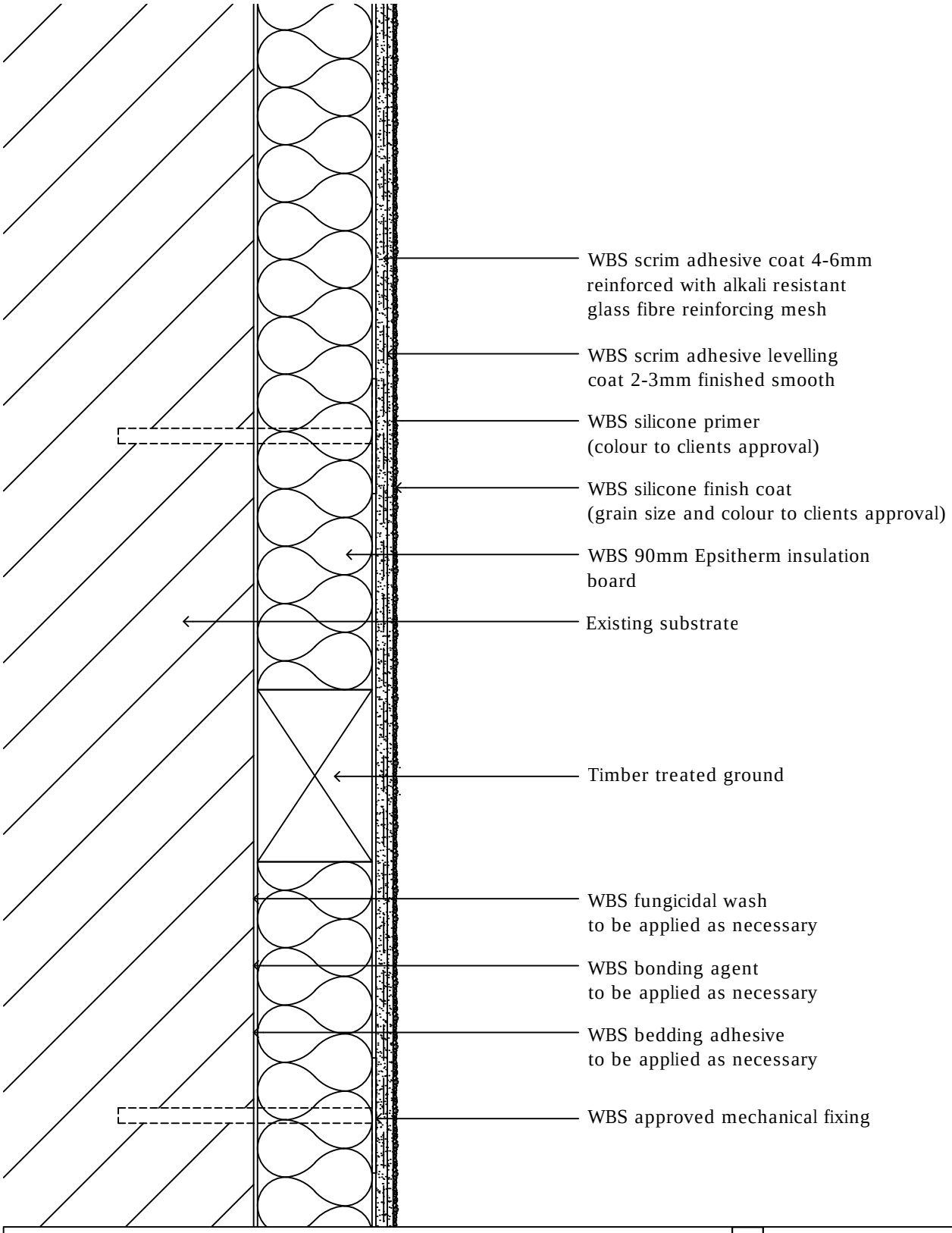
drawing. Fire barrier detail

date. February 2013 revision. - drawn by. RC scale. nts

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

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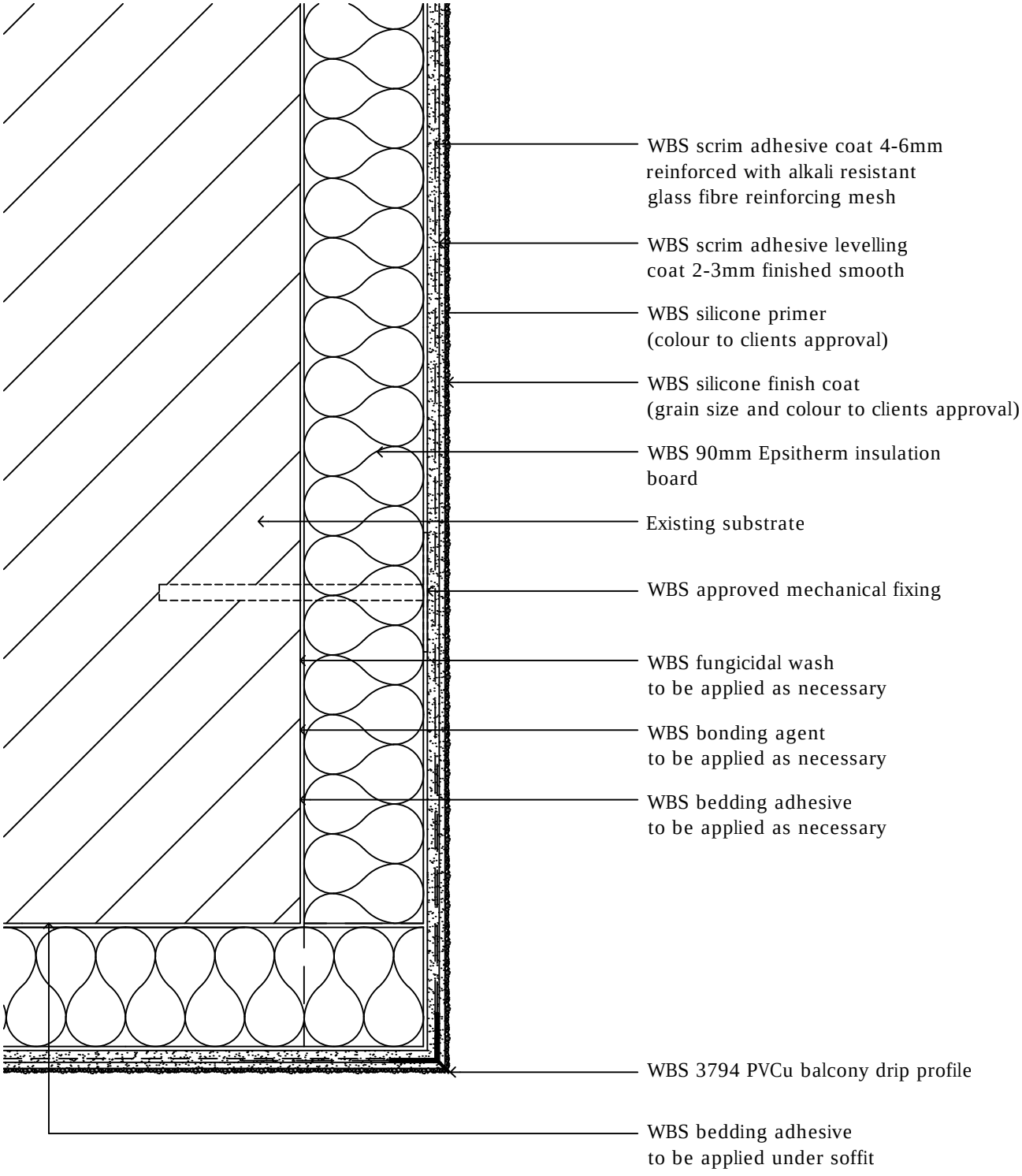
drawing. Timber pattress detail

date. February 2013 revision. - drawn by. RC scale. nts

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

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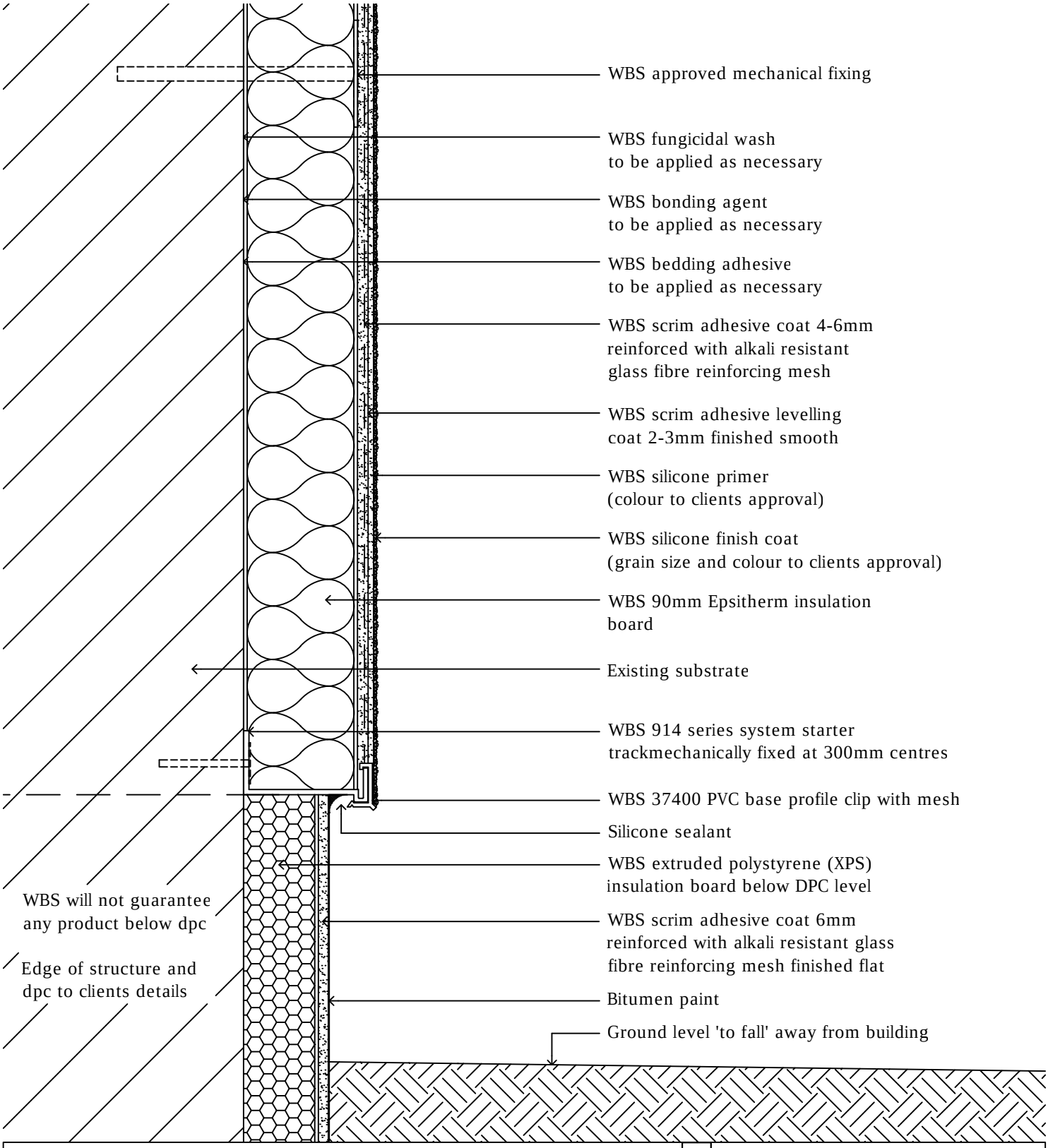
drawing. Soffit detail

date. February 2013 revision. - drawn by. RC scale. nts

drawing no. MASONRY-EWI-SILICONE-19 drawing set. 04

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drawing. DPC detail

date. February 2013 revision. - drawn by. RC scale. nts

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

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