

STO DRAWING REGISTER

Drawing Description

Drawing No.

Drawing Register

ST 001 - 005

Introduction Series 000

StoTherm Insulated Facade System Introduction
StoTherm Insulated Facade System Reinforcing Mesh Application
StoTherm Insulated Facade System Panel Information

ST 006
ST 007
ST 008

Panel Layout Series 100

StoTherm Insulated Facade System SS 106 StoTherm StoArmat Render System
StoTherm Insulated Facade System SS 105 StoTherm StoMiral Render System
StoTherm Insulated Facade System EPS sheet and Fixing Layout Typical Elevation
StoTherm Insulated Facade System StoTherm Panel Layout

ST 100
ST 101
ST 102
ST 103

Foundation Series 200

StoTherm Insulated Facade System Foundation Slab-on-Ground
StoTherm Insulated Facade System Insulated Slab-on-Ground
StoTherm Insulated Facade System Rebated Slab-on-Ground - Render Finish
StoTherm Insulated Facade System Ribraft Floor System/Edge Detail
StoTherm Insulated Facade System Conc.Block Foundation Edge Detail
StoTherm Insulated Facade System EPS Block Foundation Detail
StoTherm Insulated Facade System Solid Conc. Foundation Edge Detail
StoTherm Insulated Facade System Conc. Continuous Perimeter Foundation Wall
StoTherm Insulated Facade System Maxraft Floor System/Edge Detail
StoTherm Insulated Facade System Timber Pile/Subfloor Ventilation (parallel wall)
StoTherm Insulated Facade System Timber Pile/Subfloor Ventilation (right angled wall)
StoTherm Insulated Facade System Timber Subfloor With Jackstuds
StoTherm Insulated Facade System Masonry Conc. Block in Ground Wall
StoTherm Insulated Facade System Concrete Block Interstorey Drained Junction

ST 200
ST 201
ST 202
ST 203
ST 204
ST 205
ST 206
ST 207
ST 208
ST 209
ST 210
ST 211
ST 212
ST 213

Walls Series 300

StoTherm Insulated Facade System StoTherm Panel Layout
StoTherm Insulated Facade System Panel Fixing Vertical
StoTherm Insulated Facade System Panel Fixing Horizontal
StoTherm Insulated Facade System External Corner
StoTherm Insulated Facade System Internal Corner
StoTherm Insulated Facade System Vertical Control Joint
StoTherm Insulated Facade System Horizontal Inter Storey
StoTherm Insulated Facade System Horizontal Inter Storey Control Joint
StoTherm Insulated Facade System Drained Junction at Third Storey
StoTherm Insulated Facade System Boxed Beam
StoTherm Insulated Facade System Post Detail

ST 300
ST 301
ST 302
ST 303
ST 304
ST 305
ST 306
ST 307
ST 308
ST 309
ST 310

THESE DETAILS ARE ISSUED AS A GUIDE USING STANDARD BUILDING PRACTICES BASED ON THE NZBC.
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**STOTHERM
SYSTEM**

**STOTHERM INSULATED FACADE SYSTEM
DRAWING REGISTER**

ST 001

2017



STO DRAWING REGISTER

Drawing Description

Drawing No.

Wall Penetrations & Fittings Series 350

StoTherm Insulated Facade System Pipe Penetration Detail	ST 350
StoTherm Insulated Facade System Light Fitting/Fixing Detail	ST 351
StoTherm Insulated Facade System Tap Fitting/Fixing Detail	ST 352
StoTherm Insulated Facade System Handrail Bracket/Fixing Detail	ST 353
StoTherm Insulated Facade System Meterbox - Isometric	ST 354
StoTherm Insulated Facade System Meterbox - Cross Section	ST 355
StoTherm Insulated Facade System Downpipe Saddle Fixing & Wiring Details	ST 356
StoTherm Insulated Facade System Fan Vent Detail	ST 357
StoTherm Insulated Facade System Inter-Storey Junction with Poly Profile	ST 358
StoTherm Insulated Facade System Joint at Third Storey with Poly profile	ST 359

Joinery Series 400

StoTherm Insulated Facade System Alu.Joinery - Head Detail - Stick on Jamb	ST 400
StoTherm Insulated Facade System Alu.Joinery - Head Detail - Cavity Jamb	ST 401
StoTherm Insulated Facade System Alu.Joinery - Sill Detail - Sto uPVC Stick on Sill	ST 402
StoTherm Insulated Facade System Alu.Joinery - Jamb Detail - Sto uPVC Cavity Jamb	ST 403
StoTherm Insulated Facade System Alu.Joinery - Jamb Detail - Sto uPVC Stick on Jamb	ST 404
StoTherm Insulated Facade System Int.Cnr Alu.Window/Door Joinery - Jamb Detail	ST 405
StoTherm Insulated Facade System Entry Door Threshold Detail	ST 406
StoTherm Insulated Facade System Entry Door/Deck Threshold Detail	ST 407
StoTherm Insulated Facade System Bifold Door/Threshold Detail	ST 408
StoTherm Insulated Facade System Level Entry Threshold Detail	ST 409
StoTherm Insulated Facade System Garage Door - Timber Head Detail	ST 410
StoTherm Insulated Facade System Garage Door - Timber Jamb Detail	ST 411
StoTherm Insulated Facade System Garage Door - Rendered Head Detail	ST 412
StoTherm Insulated Facade System Garage Door - Rendered Jamb Detail	ST 413
StoTherm Insulated Facade System Sto uPVC Head and Jamb Flashing Isometric	ST 414

Parapets, Balustrades, Decks Series 500

StoTherm Insulated Facade System Parapet/Metal Flashing Detail	ST 500
StoTherm Insulated Facade System Rendered Parapet/Balustrade Detail	ST 501
StoTherm Insulated Facade System Parapet and/or Encl.Balustrade Wall Junction - Plan View	ST 502
StoTherm Insulated Facade System Flexible Flashing Install - Isometric	ST 503
StoTherm Insulated Facade System Metal Saddle Flashing & Cap Install - Isometric	ST 504
StoTherm Insulated Facade System StoFlexyl Meshed Saddle Flashing Install - Isometric	ST 505
StoTherm Insulated Facade System StoFlexyl Meshed Waterproofing Cap - Isometric	ST 506
StoTherm Insulated Facade System Balustrade/Encl.Deck Detail	ST 507
StoTherm Insulated Facade System Enclosed Deck Detail	ST 508
StoTherm Insulated Facade System Cantilevered Slatted Deck	ST 509
StoTherm Insulated Facade System Non Cantilevered Slatted Deck	ST 510
StoTherm Insulated Facade System Timber Beam/Pergola Detail	ST 511
StoTherm Insulated Facade System Parallel Deck Joist Bracket	ST 512
StoTherm Insulated Facade System RWH/Scupper Opening	ST 513

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**STOTHERM
SYSTEM**

STOTHERM INSULATED FACADE SYSTEM
DRAWING REGISTER

ST 002

2017



STO DRAWING REGISTER

Drawing Description

Drawing No.

Soffit Series 600

StoTherm Insulated Facade System Flat Soffit/Wall Junction Timber Fascia	ST 600
StoTherm Insulated Facade System Raking Soffit/Wall Junction Timber Fascia	ST 601
StoTherm Insulated Facade System Face Fixed Timber Fascia	ST 602
StoTherm Insulated Facade System Reverse Raking Soffit to wall with Flashing	ST 603
StoTherm Insulated Facade System Raking Soffit - Sto uPVC Control Joint	ST 604
StoTherm Insulated Facade System Soffit to Cladding Detail	ST 605
StoTherm Insulated Facade System Gutter/Wall Apron Flashing Junction	ST 606
StoTherm Insulated Facade System Soffit at Window/Door Head	ST 607
StoTherm Insulated Facade System Metal Fascia Face Fixed Membrane Roof	ST 608
StoTherm Insulated Facade System Metal Fascia Barge Detail	ST 609
StoTherm Insulated Facade System Metal Fascia Face Fixed Barge Detail	ST 610
StoTherm Insulated Facade System Flat Soffit/Wall Junction Metal Fascia	ST 611
StoTherm Insulated Facade System Raking Soffit/Wall Junction Metal Fascia	ST 612
StoTherm Insulated Facade System Face Fixed Metal Fascia	ST 613

Roof Series 700

StoTherm Insulated Facade System Apron Flashing	ST 700
StoTherm Insulated Facade System Parallel Apron Flashing	ST 701
StoTherm Insulated Facade System Inter-storey Transverse (Apron) Roof/Stopend	ST 702
StoTherm Insulated Facade System Inter-storey Deck or Roof/Stopend Flashing	ST 703
StoTherm Insulated Facade System Inter-storey Roof Stop End Flashing - Plan View	ST 704
StoTherm Insulated Facade System Roof Penetration/Gutter (Masonry Tile)	ST 705
StoTherm Insulated Facade System Roof Parallel/Hidden Gutter	ST 706
StoTherm Insulated Facade System Face Fixed Fascia/Barge	ST 707
StoTherm Insulated Facade System Face Fixed Fascia/Membrane Roof	ST 708
StoTherm Insulated Facade System Roof/Wall Ridge	ST 709
StoTherm Insulated Facade System Framed Chimney	ST 710

Dissimilar Material

Weatherboard Series 800

StoTherm Insulated Facade System Ext.Corner Weatherboard/StoTherm - Opt 1	ST 800
StoTherm Insulated Facade System Ext.Corner Weatherboard/StoTherm - Opt 2	ST 801
StoTherm Insulated Facade System Ext.Corner Direct Fixed Weatherboards/StoTherm	ST 802
StoTherm Insulated Facade System Int.Corner Weatherboard/StoTherm - Opt 1	ST 803
StoTherm Insulated Facade System Int.Corner Weatherboard/StoTherm - Opt 2	ST 804
StoTherm Insulated Facade System Int.Corner Weatherboard/StoTherm - Direct Fix	ST 805
StoTherm Insulated Facade System Vertical Joint Weatherboard/StoTherm - Opt 1	ST 806
StoTherm Insulated Facade System Vertical Joint Weatherboard/StoTherm - Opt 2	ST 807
StoTherm Insulated Facade System Horizontal Junction Weatherboard/StoTherm	ST 808
StoTherm Insulated Facade System Gable End Weatherboard/StoTherm	ST 809
StoTherm Insulated Facade System Internal Corner Direct Fixed EIFS to StoTherm	ST 810.1

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**STOTHERM
SYSTEM**

STOTHERM INSULATED FACADE SYSTEM
DRAWING REGISTER

ST 003

2017



STO DRAWING REGISTER

Drawing Description

Drawing No.

Continuation Dissimilar Material

Brick Series 810

StoTherm Insulated Facade System External Corner Brick Veneer/StoTherm	ST 810
StoTherm Insulated Facade System Internal Corner Brick Veneer/StoTherm - Opt 1	ST 811
StoTherm Insulated Facade System Internal Corner Brick Veneer/StoTherm - Opt 2	ST 812
StoTherm Insulated Facade System Vertical Junction Brick Veneer/StoTherm	ST 813
StoTherm Insulated Facade System Horizontal Junction Brick Veneer/StoTherm	ST 814

Fibre Cement Sheet Series 820

StoTherm Insulated Facade System External Corner FC Sheet/ StoTherm	ST 820
StoTherm Insulated Facade System Internal Corner FC Sheet/ StoTherm - Opt 1	ST 821
StoTherm Insulated Facade System Internal Corner FC Sheet/ StoTherm - Opt 2	ST 822
StoTherm Insulated Facade System FC Sheet - Framed Sub Floor Cladding	ST 823
StoTherm Insulated Facade System FC Sheet Gable End	ST 824

Concrete Block Series 830

StoTherm Insulated Facade System External Corner Concrete Block/StoTherm	ST 830
StoTherm Insulated Facade System Internal Corner Concrete Block/StoTherm	ST 831
StoTherm Insulated Facade System Vertical Joint Concrete Block/StoTherm	ST 832
StoTherm Insulated Facade System Horizontal Junction Concrete Block/StoTherm	ST 833

Manufactured Stone - Schist & Natural Stone Series 840

StoTherm Insulated Facade System Ext.Cnr Manuf.Stone/StoTherm - Opt 1	ST 840
StoTherm Insulated Facade System Ext.Cnr Manuf.Stone/StoTherm - Opt 2	ST 841
StoTherm Insulated Facade System Ext.Cnr Schist or Stone Veneer/StoTherm	ST 842
StoTherm Insulated Facade System Boxed Ext.Cnr Stone Veneer/StoTherm	ST 843
StoTherm Insulated Facade System Internal Cnr. Manuf.Stone/StoTherm	ST 844
StoTherm Insulated Facade System Internal Cnr. Schist or Stone Veneer/StoTherm	ST 845
StoTherm Insulated Facade System Vertical Junction Manuf.Stone/StoTherm	ST 846
StoTherm Insulated Facade System Vertical Junction Schist or Stone Veneer/StoTherm	ST 847
StoTherm Insulated Facade System Horiz.Junction Manuf.Stone/StoTherm	ST 848
StoTherm Insulated Facade System Horiz.Junction Schist or Stone Veneer/StoTherm	ST 849

Profile Metal Series 850

StoTherm Insulated Facade System Ext.Cnr Horiz.Profiled Metal/StoTherm	ST 850
StoTherm Insulated Facade System Int.Cnr Horiz.Profiled Metal/StoTherm	ST 851
StoTherm Insulated Facade System Vertical Junction Horiz.Profiled Metal/StoTherm	ST 852
StoTherm Insulated Facade System Horizontal Junction Horiz.Profiled Metal/StoTherm	ST 853
StoTherm Insulated Facade System External Corner Vertical Profiled Metal/StoTherm	ST 854
StoTherm Insulated Facade System Internal Corner Vertical Profiled Metal/StoTherm	ST 855
StoTherm Insulated Facade System Horiz.Junction Vertical Profiled Metal/StoTherm	ST 856

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**STOTHERM
SYSTEM**

STOTHERM INSULATED FACADE SYSTEM
DRAWING REGISTER

ST 004

2017



STO DRAWING REGISTER

Drawing Description

Drawing No.

Continuation Dissimilar Material

StoTherm Panel EIFS Series 860

StoTherm Insulated Facade System Ext.Cnr StoPoren/StoTherm	ST 860
StoTherm Insulated Facade System Int.Cnr StoPoren/StoTherm	ST 861
StoTherm Insulated Facade System Vertical Joint 50mm StoPoren/StoTherm	ST 862
StoTherm Insulated Facade System Vertical Joint 80mm StoPoren/StoTherm	ST 863
StoTherm Insulated Facade System Inter-Storey Junction StoPoren/StoTherm	ST 864
StoTherm Insulated Facade System Inter-Storey Third Storey Drained Inter-storey Junction	ST 865

DISSIMILAR JOINERY Series 870

TIMBER JOINERY

StoTherm Insulated Facade System Timber Window Joinery - Head Detail	ST 870
StoTherm Insulated Facade System Timber Window Joinery - Sill Detail	ST 871
StoTherm Insulated Facade System Timber Window Joinery - Jamb Detail	ST 872
StoTherm Insulated Facade System Timber Door Joinery - Timber Floor/Threshold Detail	ST 873
StoTherm Insulated Facade System Timber Door Joinery - Concrete Floor/Threshold Detail	ST 874

NK PVCu JOINERY

StoTherm Insulated Facade System NK PVCu - Head Detail	ST 875
StoTherm Insulated Facade System NK PVCu - Sill Detail	ST 876
StoTherm Insulated Facade System NK PVCu - Jamb Detail	ST 877

FLASHMAN JOINERY FLASHING SYSTEM

StoTherm Insulated Facade System Flashman Head Flashing	ST 878
StoTherm Insulated Facade System Flashman Sill Flashing	ST 879
StoTherm Insulated Facade System Flashman Jamb Flashing	ST 880

HOMERIT PVC JOINERY

StoTherm Insulated Facade System Homerit PVC Joinery - Head Detail	ST 881
StoTherm Insulated Facade System Homerit PVC Joinery - Sill Detail	ST 882
StoTherm Insulated Facade System Homerit PVC Joinery - Jamb Detail	ST 883

Rusticated Weatherboard Series 890

StoTherm Insulated Facade System Ext.Corner Rusticated Weatherboard/StTherm - Opt 1	ST 890
StoTherm Insulated Facade System Ext.Corner Rusticated Weatherboard/StTherm - Opt 2	ST 891
StoTherm Insulated Facade System Ext.Corner Direct Fixed Rusticated Weatherboards/StTherm	ST 892
StoTherm Insulated Facade System Int.Corner Rusticated Weatherboard/StTherm - Opt 1	ST 893
StoTherm Insulated Facade System Int.Corner Rusticated Weatherboard/StTherm - Opt 2	ST 894
StoTherm Insulated Facade System Int.Corner Direct Fixed Rusticated Weatherboard/StTherm	ST 895
StoTherm Insulated Facade System Vertical Joint Rusticated Weatherboard/StTherm - Opt 1	ST 896
StoTherm Insulated Facade System Vertical Joint Rusticated Weatherboard/StTherm - Opt 2	ST 897
StoTherm Insulated Facade System Horizontal Junction Rusticated Weatherboard/StTherm	ST 898
StoTherm Insulated Facade System Gable End Rusticated Weatherboard/StTherm	ST 899

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**STOTHERM
SYSTEM**

STOTHERM INSULATED FACADE SYSTEM
DRAWING REGISTER

ST 005

2017

STOTHERM INSULATED FACADE SYSTEM

SS105 STOTHERM STOMIRAL RENDER SYSTEM BRANZ APPRAISAL CERTIFICATE NO. 478

INCORPORATING:

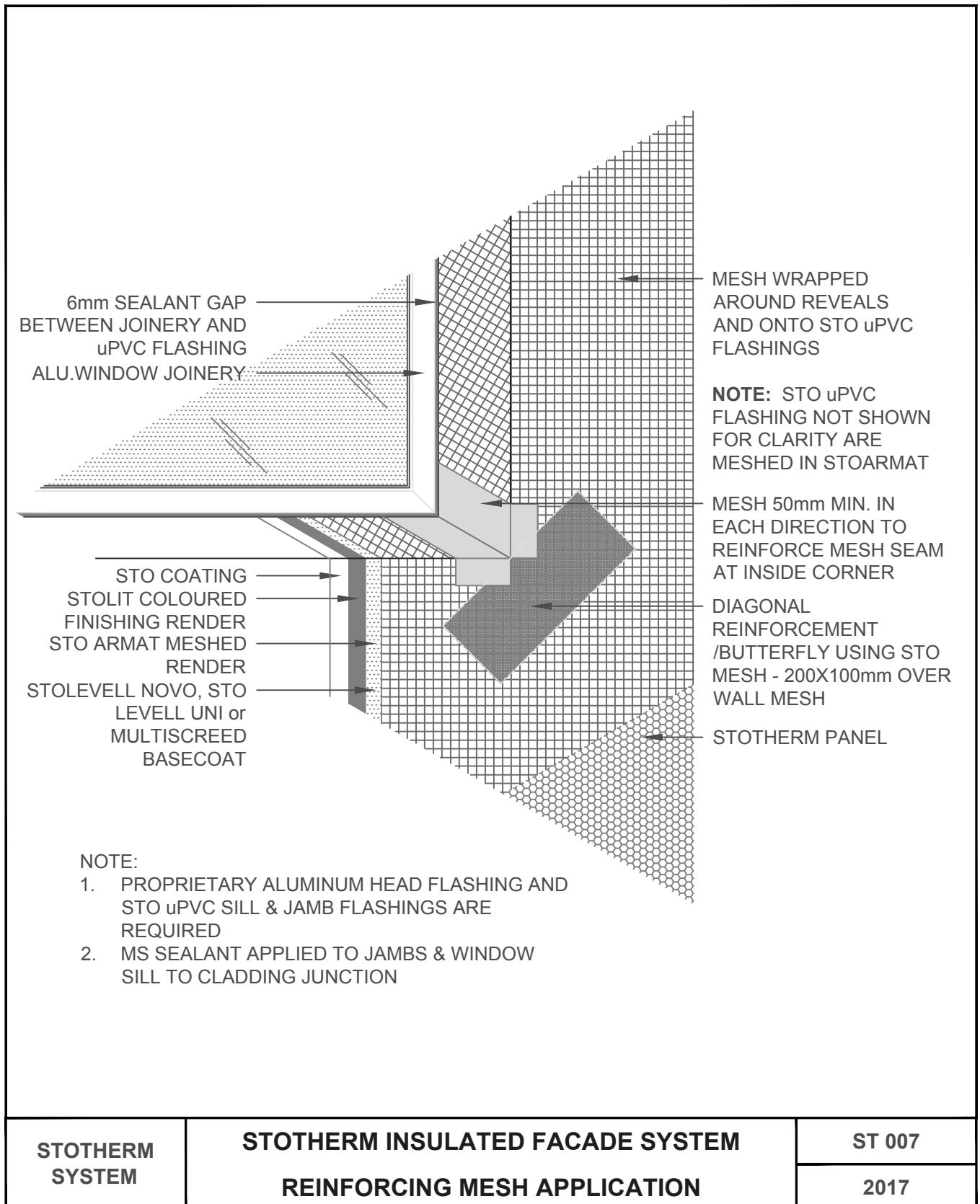
1. STOLEVELL NOVO, STOLEVELL UNI or MULTISCREED 25kg BAG EUROPEAN FIBRE REINFORCED CEMENT BASED RENDER USED WITH EUROPEAN MESH AS A REINFORCING BASECOAT RENDER.
2. STOPLEX W SEALER - 10lt CONTAINER EUROPEANACRYLIC/SILANE PRIMER TO SEAL MINERAL SURFACES
3. STOLIT K COLOURED - 25kg PAIL EUROPEAN FIBRE REINFORCED NON CEMENT COLOURED FINISHING RENDER AVAILABLE IN 1.0/1.5/2.0/3.0mm SIZED TEXTURE IN A PAIL
4. STOCOLOR : MAXICRYL MATT FACADE PAINT 15lt PAIL
: LASTIC SATIN FACADE PAINT 15lt PAIL
: LOTUSAN MINERAL RESIN PAINT 15lt PAIL

SS106 STOTHERM STOARMAT RENDER SYSTEM BRANZ APPRAISAL CERTIFICATE NO. 478

INCORPORATING:

1. STOLEVELL NOVO, STOLEVELL UNI or MULTISCREED 25kg BAG BASECOAT RENDER TO STRAIGHTEN AND PROVIDE A SOLID THICKER BASECOAT
2. STOARMAT CLASSIC RENDER 23kg PAIL EUROPEAN FIBRE REINFORCED NON CEMENT BASED CRACKED RESISTANT RENDER USED WITH EUROPEAN MESH AS A REINFORCEMENT RENDER
3. STOLIT K or MP COLOURED RENDER 25kg PAIL EUROPEAN FIBRE REINFORCED NON CEMENT COLOURED FINISHING RENDER AVAILABLE IN 1.0/1.5/2.0/3.0mm SIZED TEXTURE AND MP or MP NATURAL SPONGE FINISHED RENDER
4. STOCOLOR : MAXICRYL MATT FACADE PAINT 15lt PAIL
: LASTIC SATIN FACADE PAINT 15lt PAIL
: LOTUSAN MINERAL RESIN PAINT 15lt PAIL

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM INTRODUCTION	ST 006 2017
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STOTHERM PANELS

H GRADE WHITE SELF EXTINGUISHING
POLYSTYRENE MANUFACTURED TO COMPLY
WITH AS1366.3

SIZES - STANDARD PANEL 2700 x 1200mm

THICKNESS AND R VALUE NZS4214 REQUIRES A
45% REDUCTION OF R VALUE ON A CAVITY

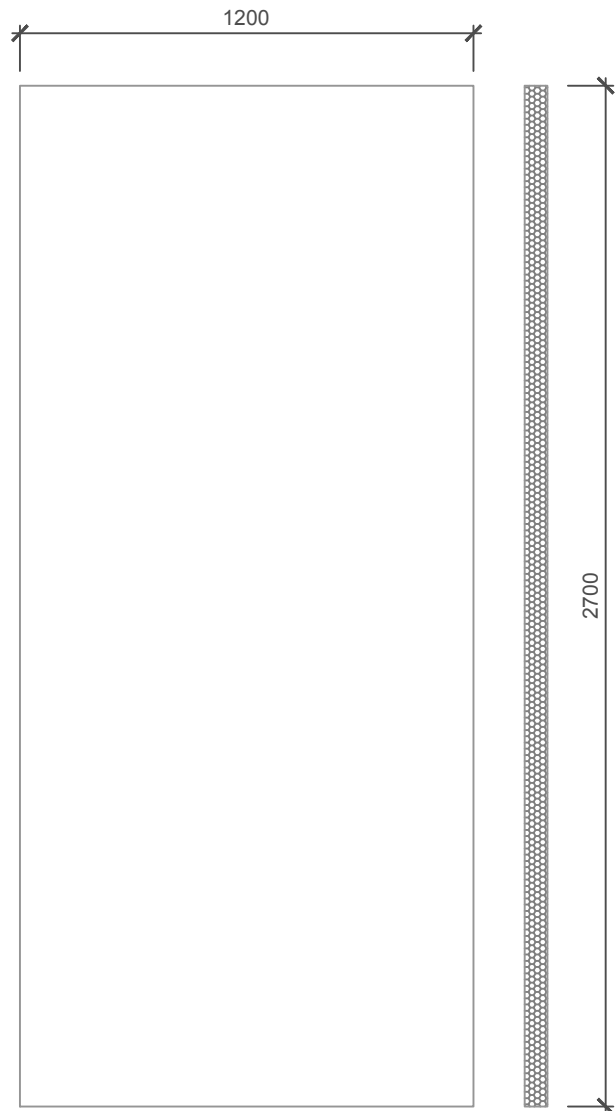
- cavity + 50mm - RV 0.76
- cavity + 60mm - RV 0.91
- cavity + 80mm - RV 1.22
- cavity + 100mm - RV 1.52

STOTHERM+ PANELS

GREY GRAPHITE INFUSED SELF EXTINGUISHING
POLYSTYRENE COMPLYING WITH AS1366

SIZES - STANDARD PANEL 2700 x 1200mm

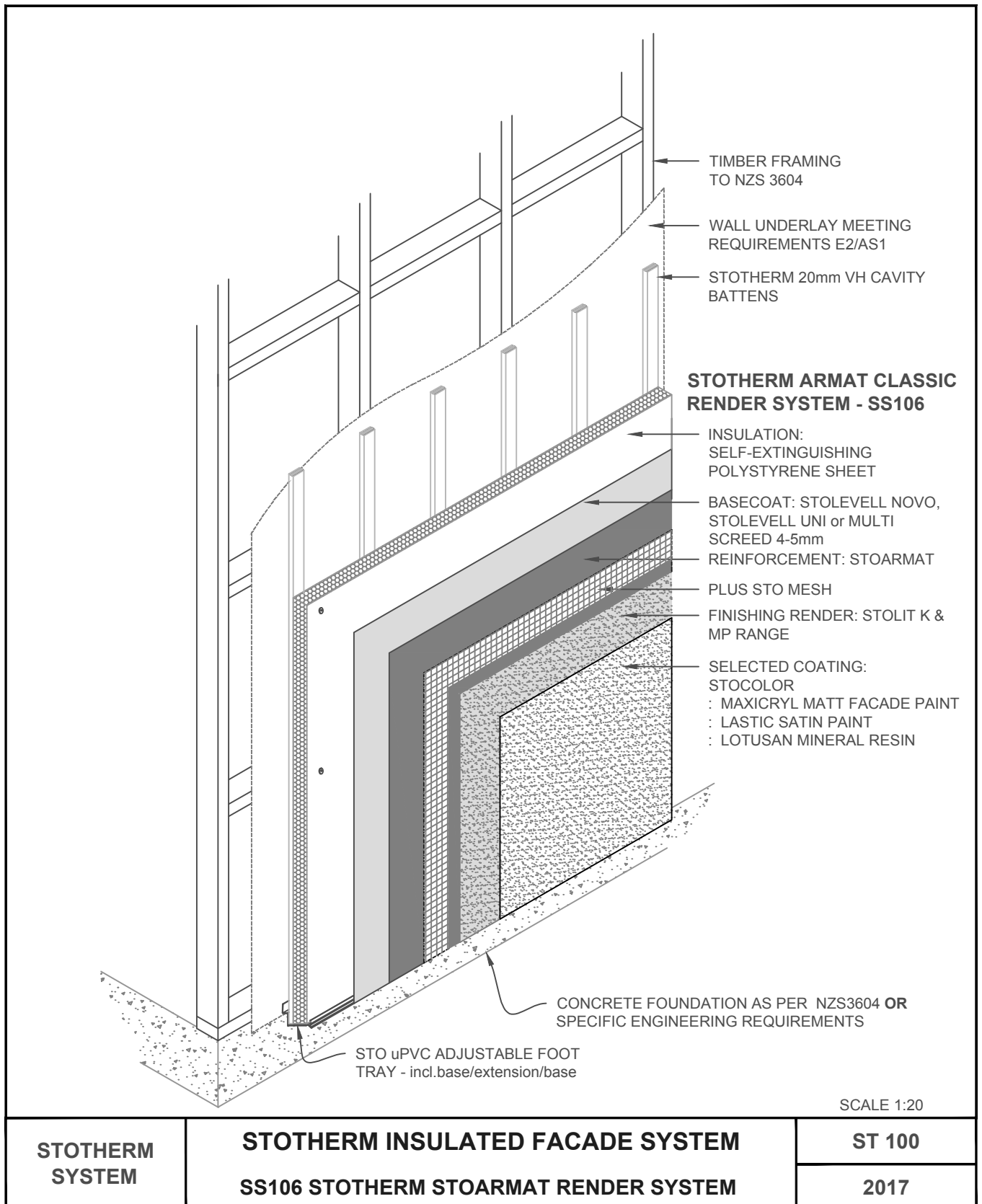
- cavity + 40mm - RV 0.72
- cavity + 60mm - RV 1.06
- cavity + 80mm - RV 1.41



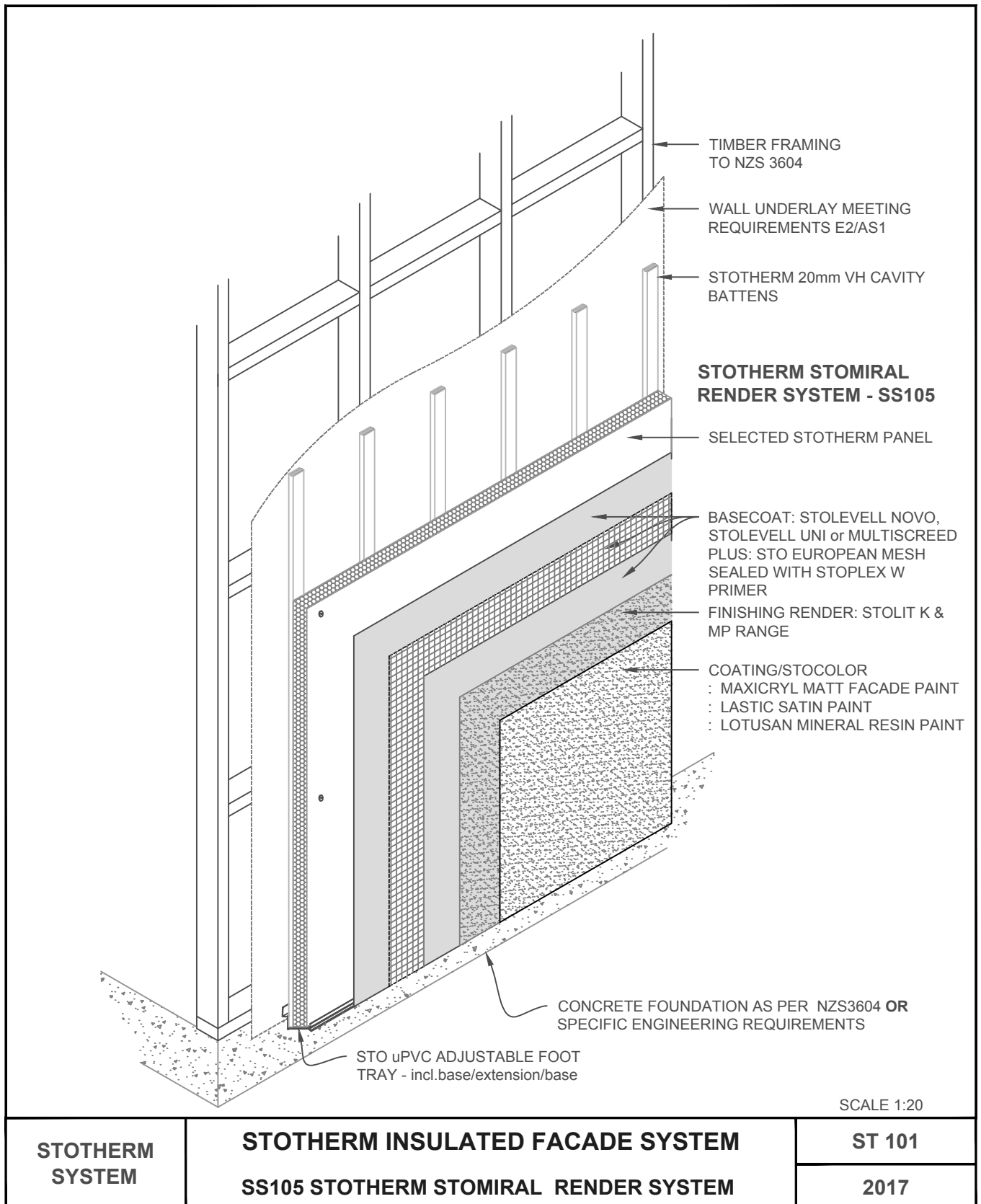
SCALE 1:20

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM PANEL INFORMATION	ST 008
		2017

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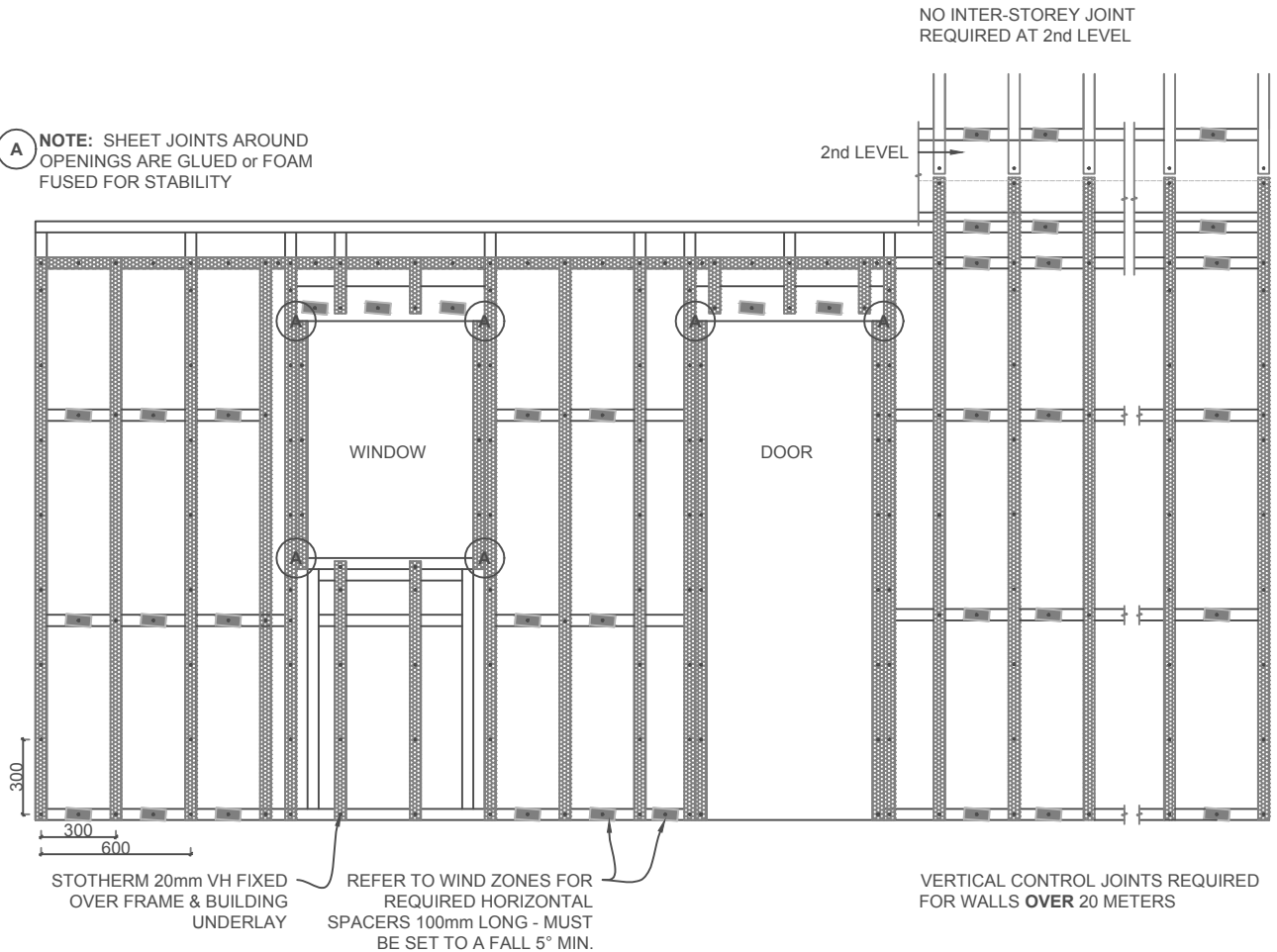


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A NOTE: SHEET JOINTS AROUND OPENINGS ARE GLUED or FOAM FUSED FOR STABILITY



NOTE: CAVITY SYSTEM IS A VENTED DRAINAGE SYSTEM. FIX STO uPVC FOOT TRAY BEFORE BATTENS.

FIXINGS IN WIND ZONES

LOW, MEDIUM & HIGH
Studs 300mm fixing ctrs top & bottom plates and dwangs. One fixing between studs

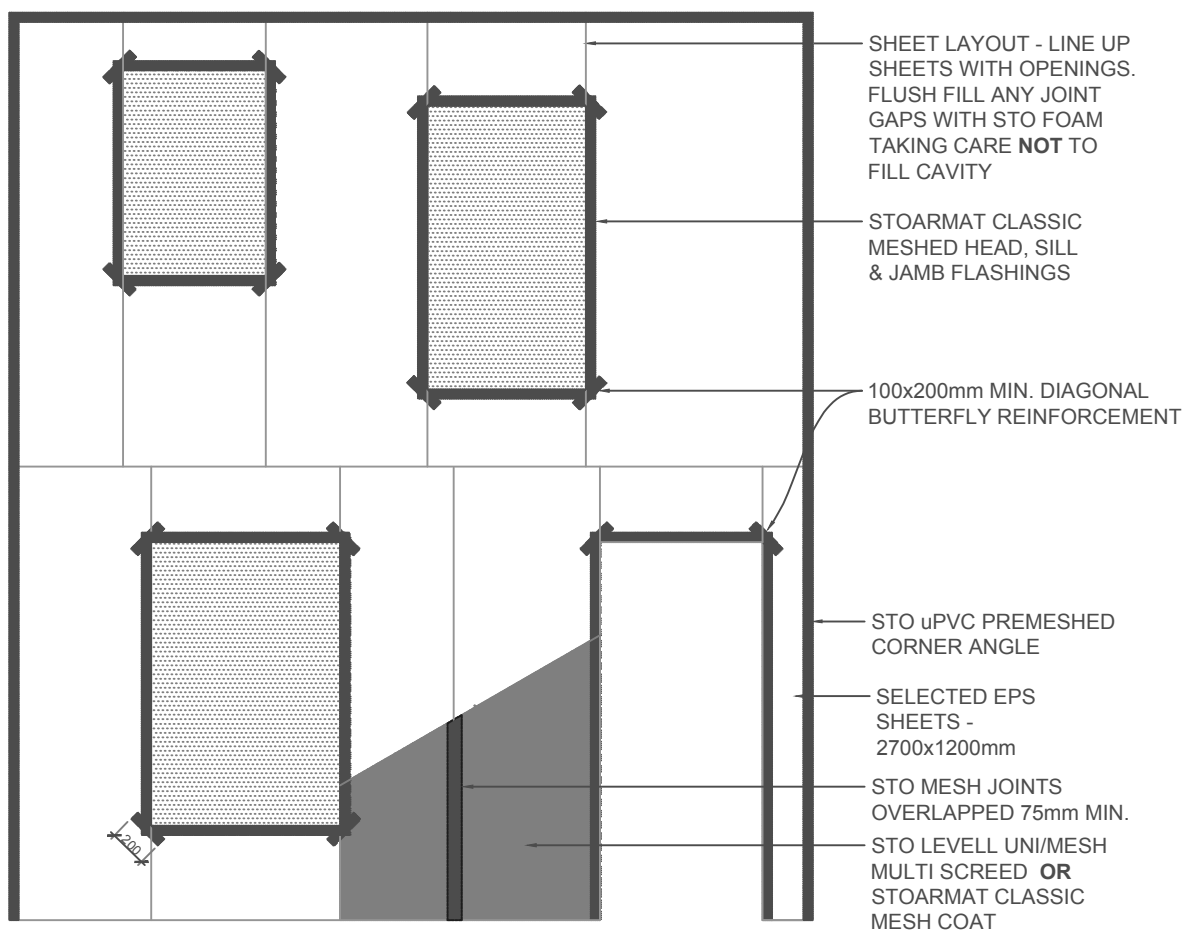
VERY HIGH
Studs, plates and dwangs 200mm fixing ctrs
EXTRA HIGH
Studs, plates and dwangs 150mm fixing ctrs

WHERE STUD SPACINGS ARE GREATER THAN 450mm
CTRS FIX ADDITIONAL INTERMEDIATE BATTEN TO PREVENT INSULATION ENCROACHING INTO CAVITY SPACE

N.T.S

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM EPS SHEET & FIXING LAYOUT - TYPICAL (Elevation)	ST 102
		2017

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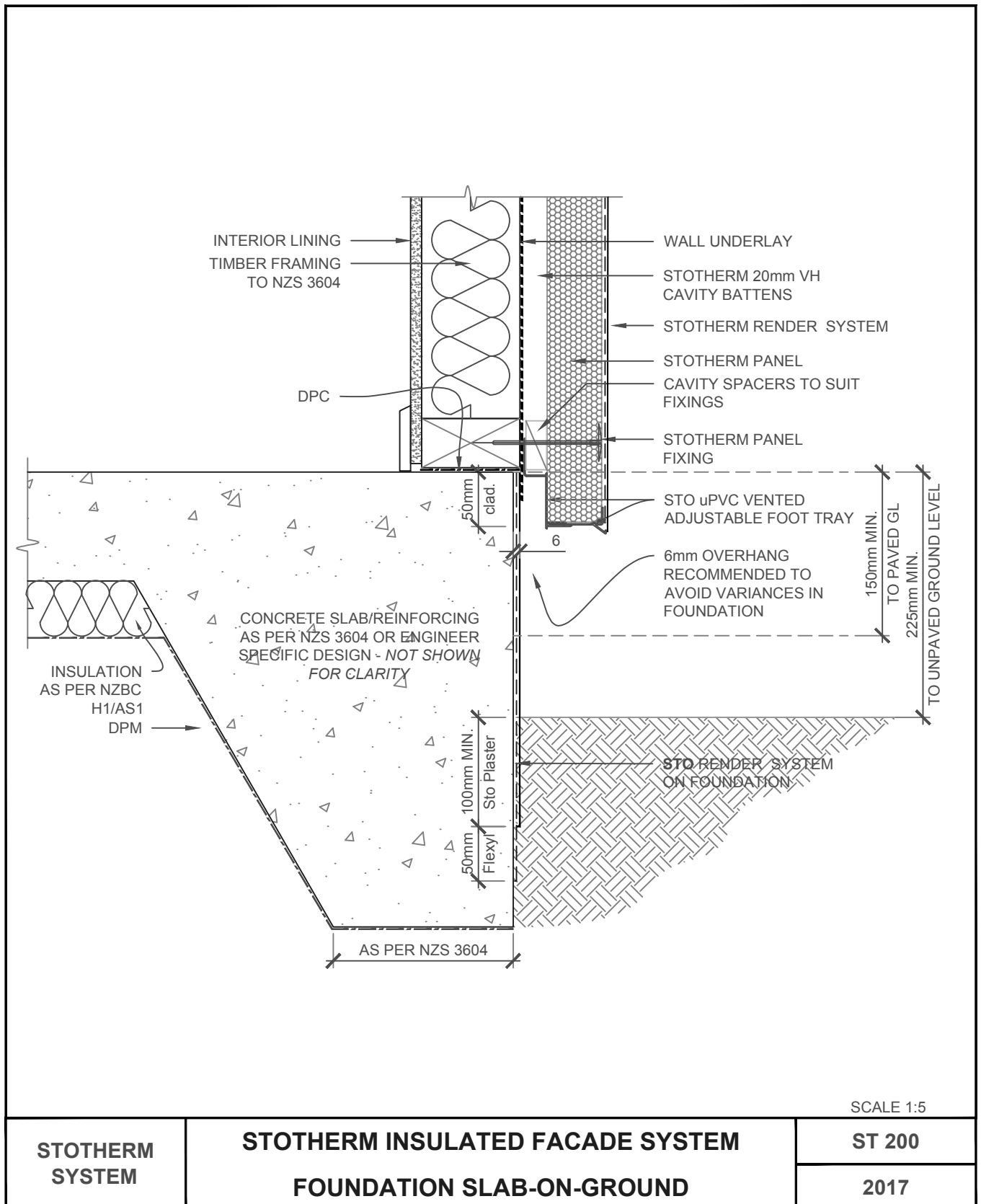


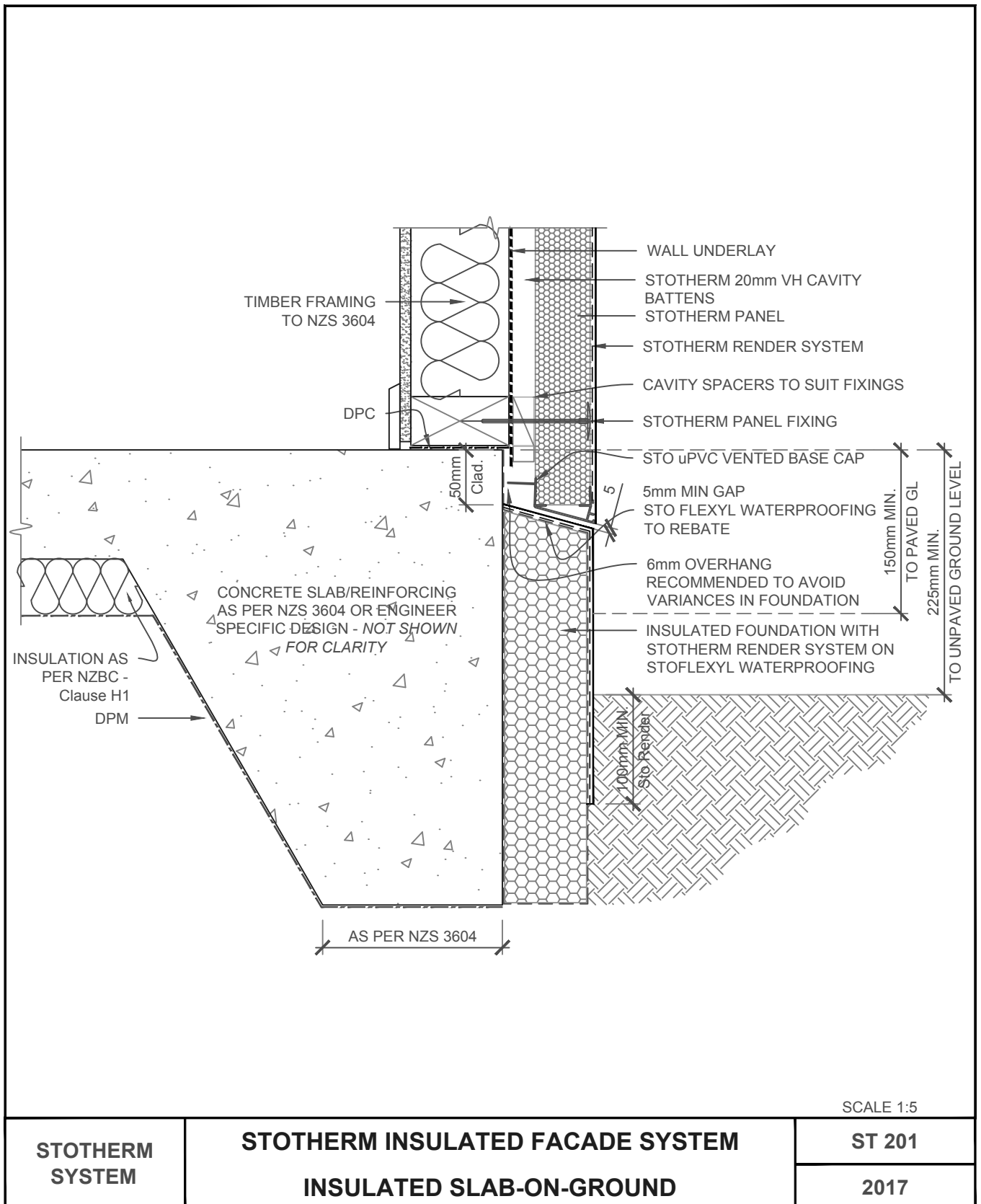
NOTE: USE FULL SHEETS WHERE POSSIBLE ALL CUT SHEETS SHALL BE CAREFULLY MADE TO ACHIEVE A GOOD FIT. ALL SHEET JOINTS SHOULD BE FLUSH FILLED WITH STO ADHESIVE FOAM - TAKING CARE **NOT** TO FILL CAVITY

N.T.S

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM STOTHERM PANEL LAYOUT	ST 103
		2017

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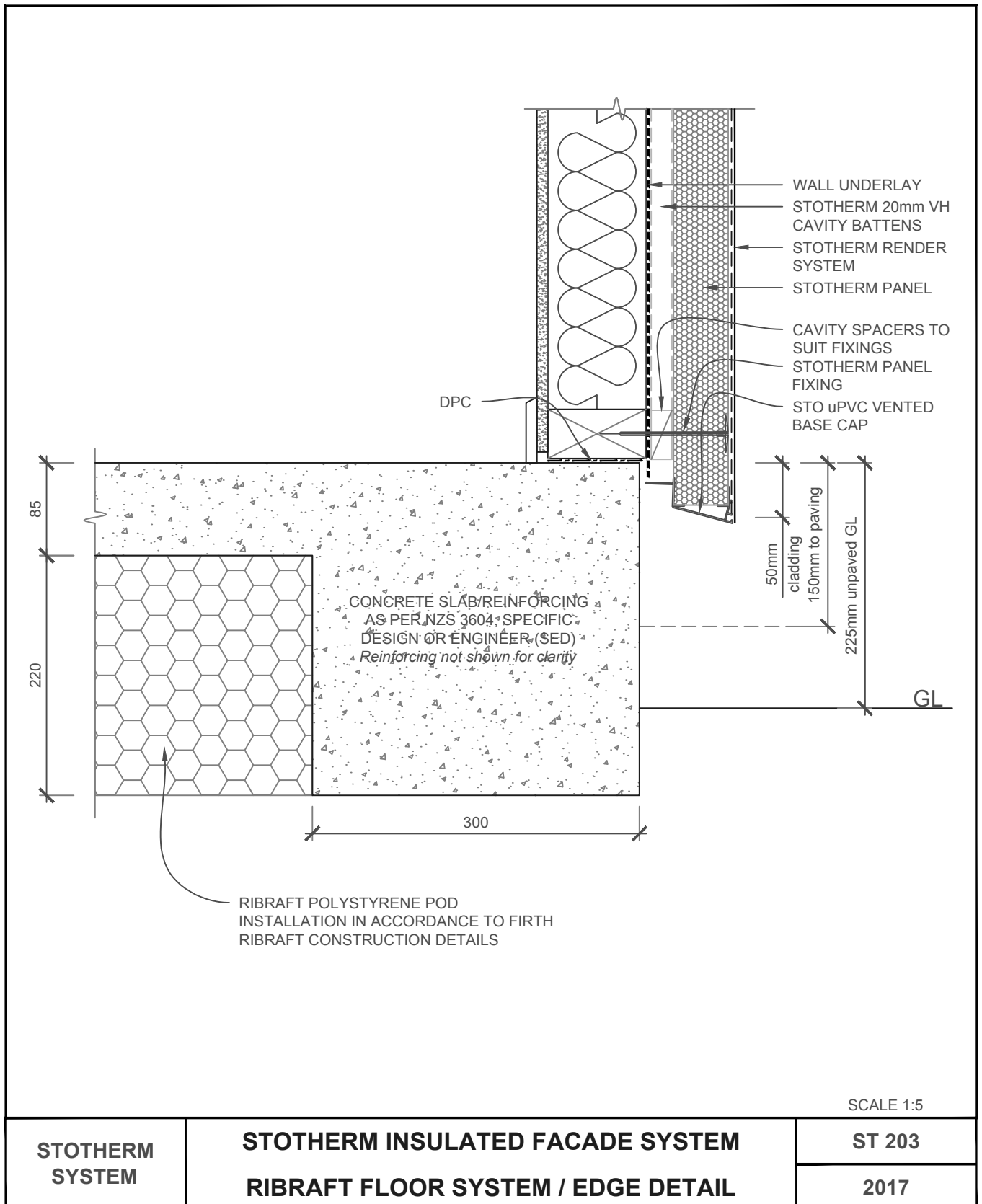




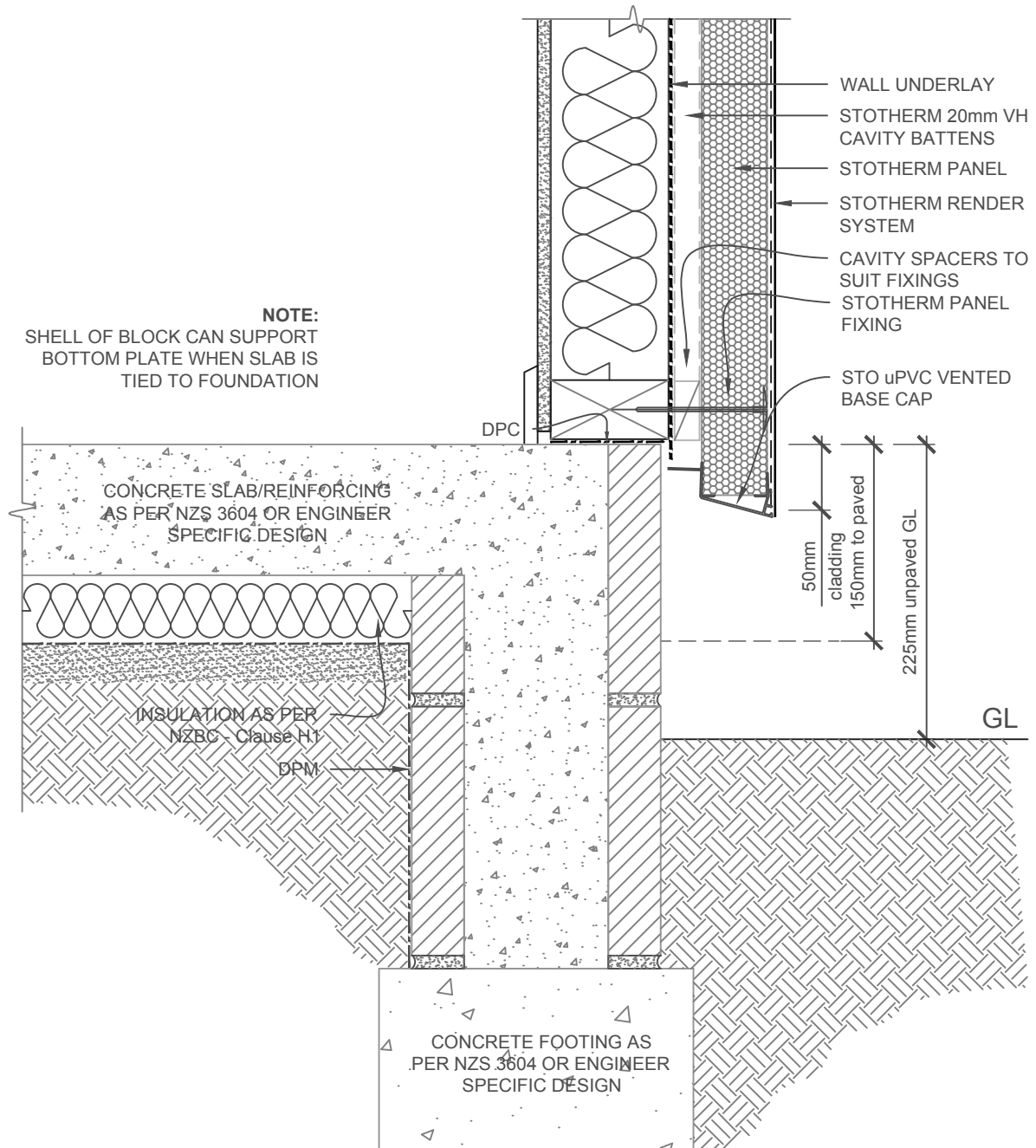
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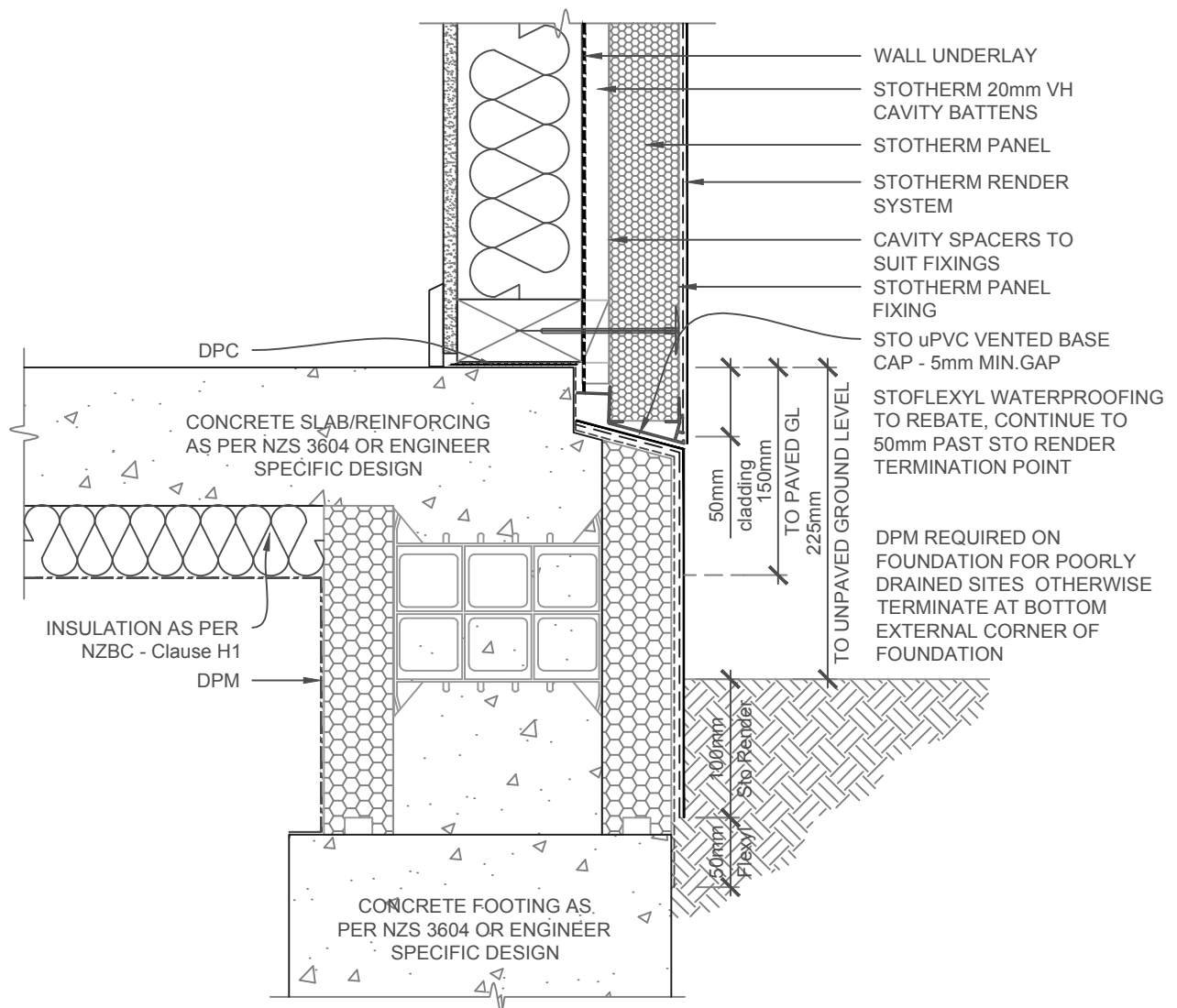
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SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM CONC.BLOCK FOUNDATION EDGE DETAIL	ST 204
		2017

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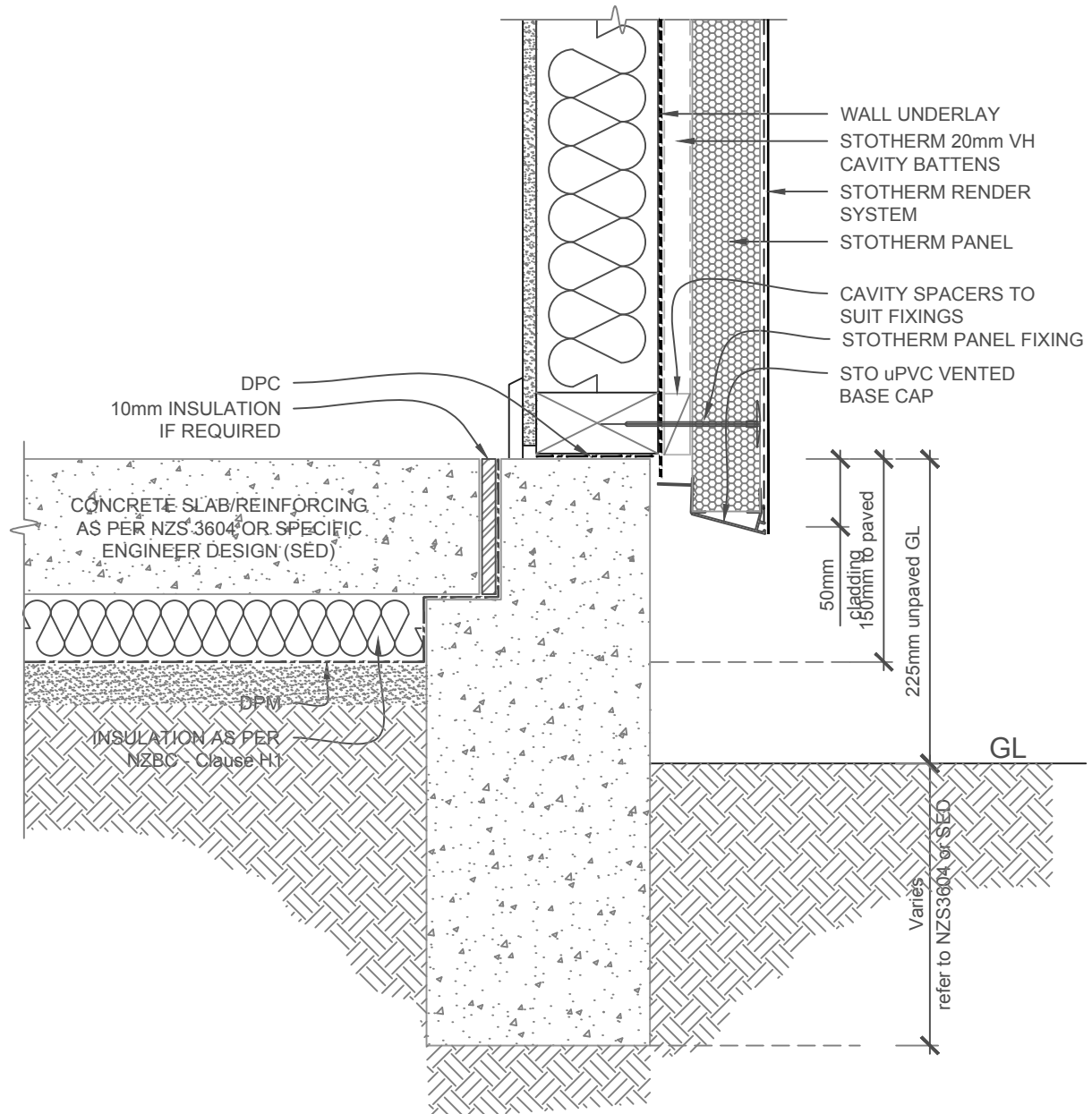


NOTE:
INSTALL STOFLEXYL UNDER DPM AT TRANSITION IF REQUIRED FOR POORLY DRAINED SITES.

SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM EPS BLOCK FOUNDATION DETAIL	ST 205
		2017

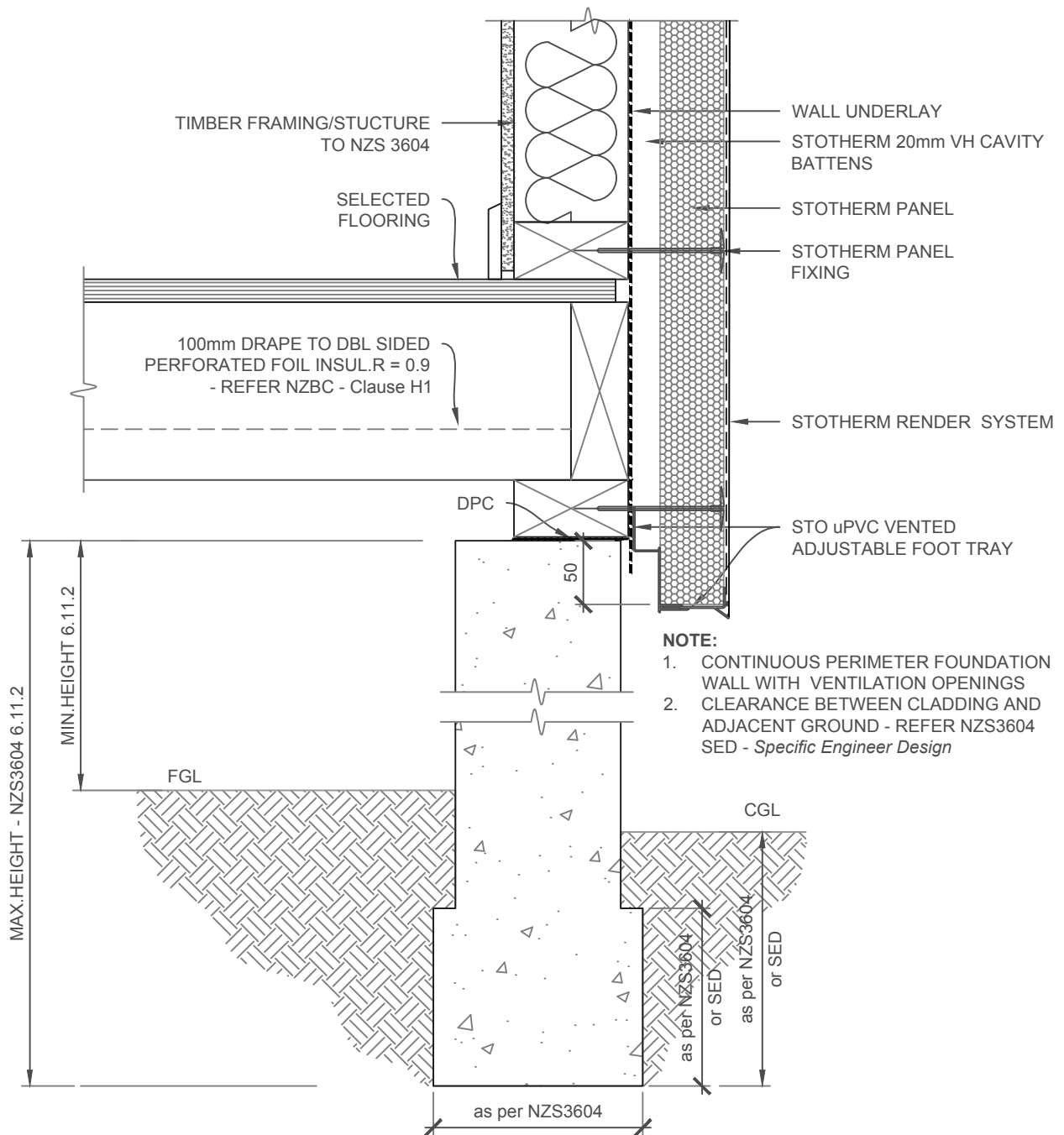
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SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM SOLID CONC.FOUNDATION EDGE DETAIL	ST 206
		2017

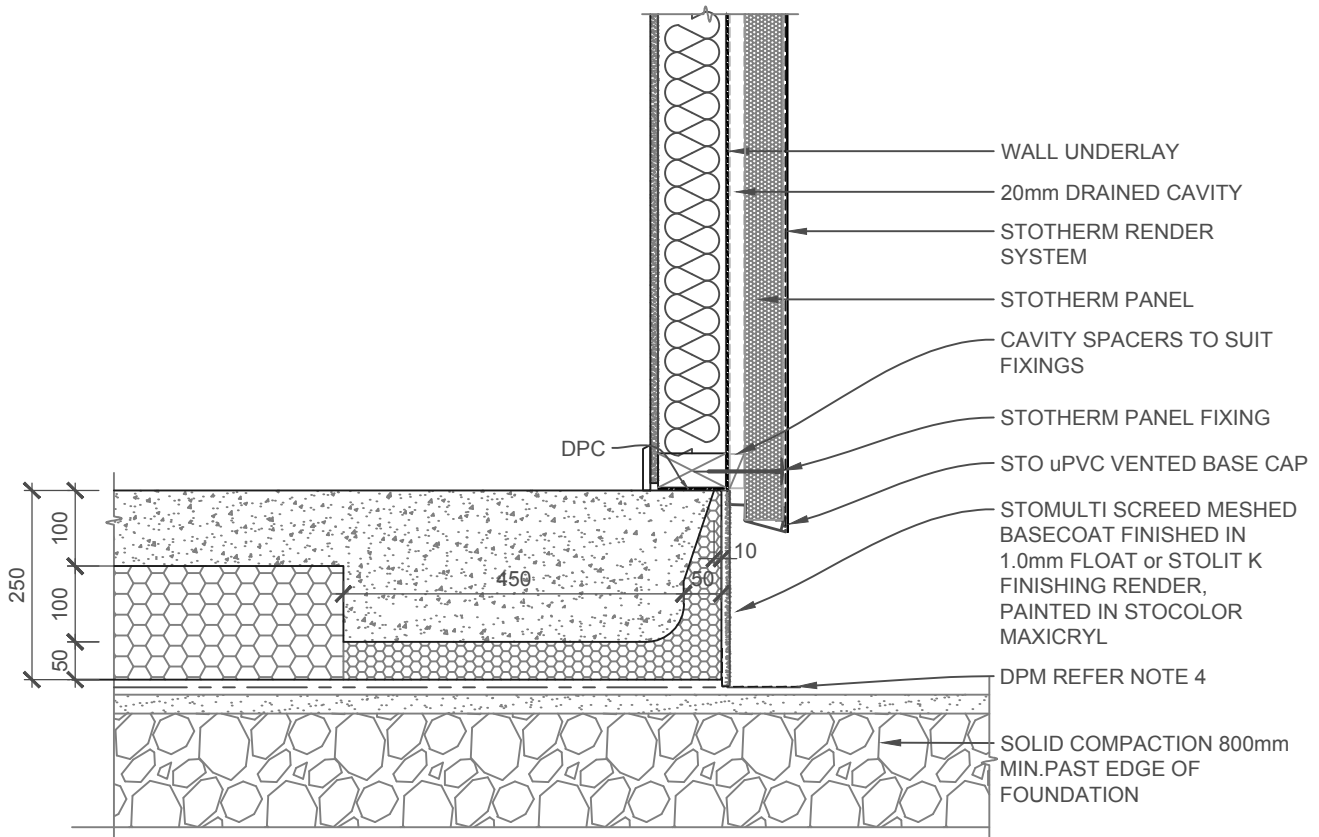
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SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM CONC.CONTINUOUS PERIMETER FOUND.WALL	ST 207
		2017

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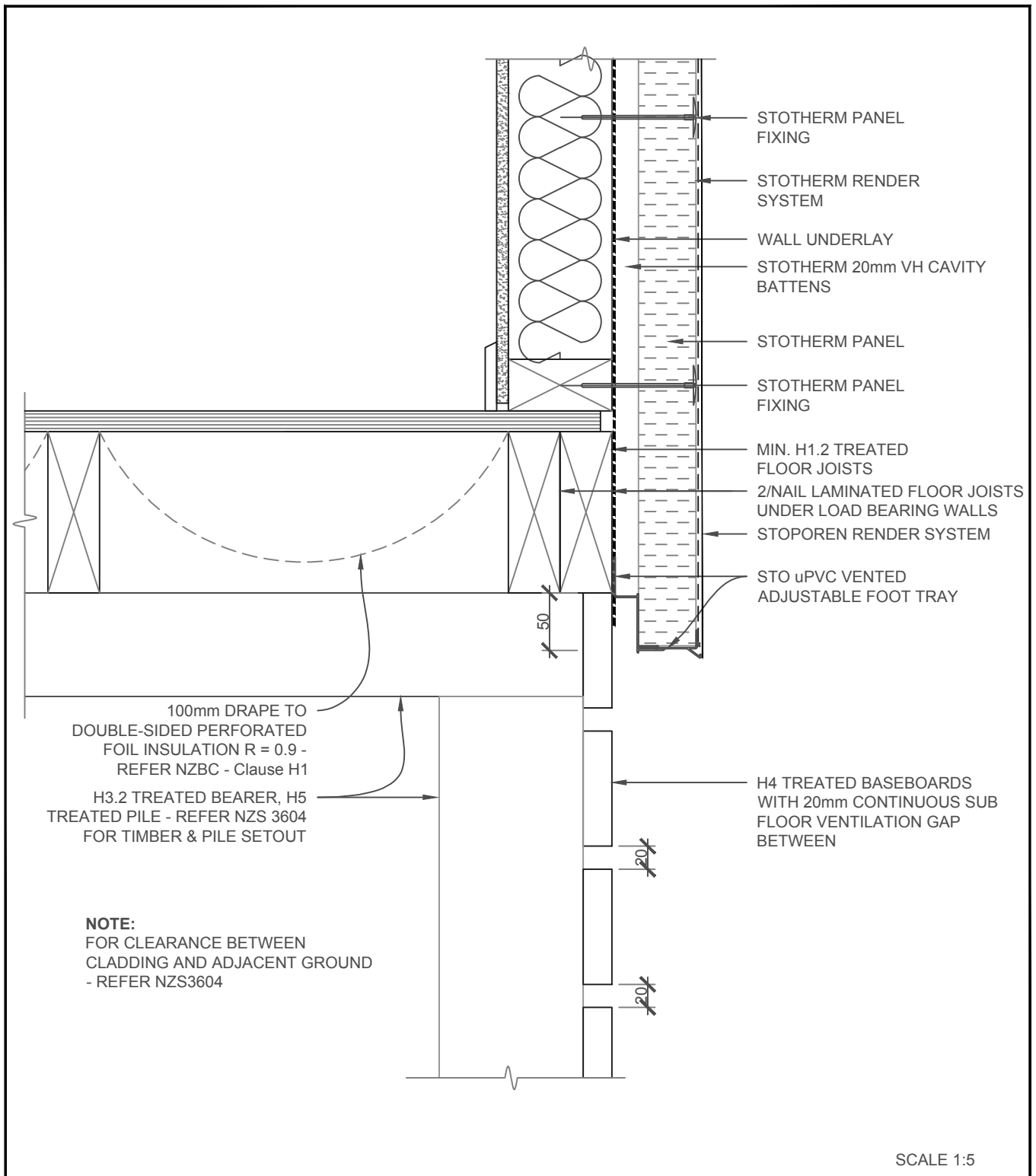


1. CONCRETE SLAB/REINFORCING AS PER NZS 3604, SPECIFIC DESIGN OR ENGINEER (SED)
Reinforcing not shown for clarity
2. WHERE INSULATION IS BELOW GROUND, APPLY TWO (2) COATS OF STOFLEXYL TO MAXRAFT INSULATION BEFORE COMMENCING
3. 150mm MIN. CLEARANCE FROM SLAB LEVEL TO EXTERIOR PAVING, 225mm MIN. CLEARANCE FROM SLAB LEVEL TO UNPAVED GROUND TO E2/AS1
4. AS REQUIRED, SECURE THE DPM TO THE MAXRAFT EDGE INSULATION USING AN EIFS FLASHING TAPE 50mm ON MAXRAFT AND 100mm ONTO UNDERSLAB DPM

SCALE 1:10

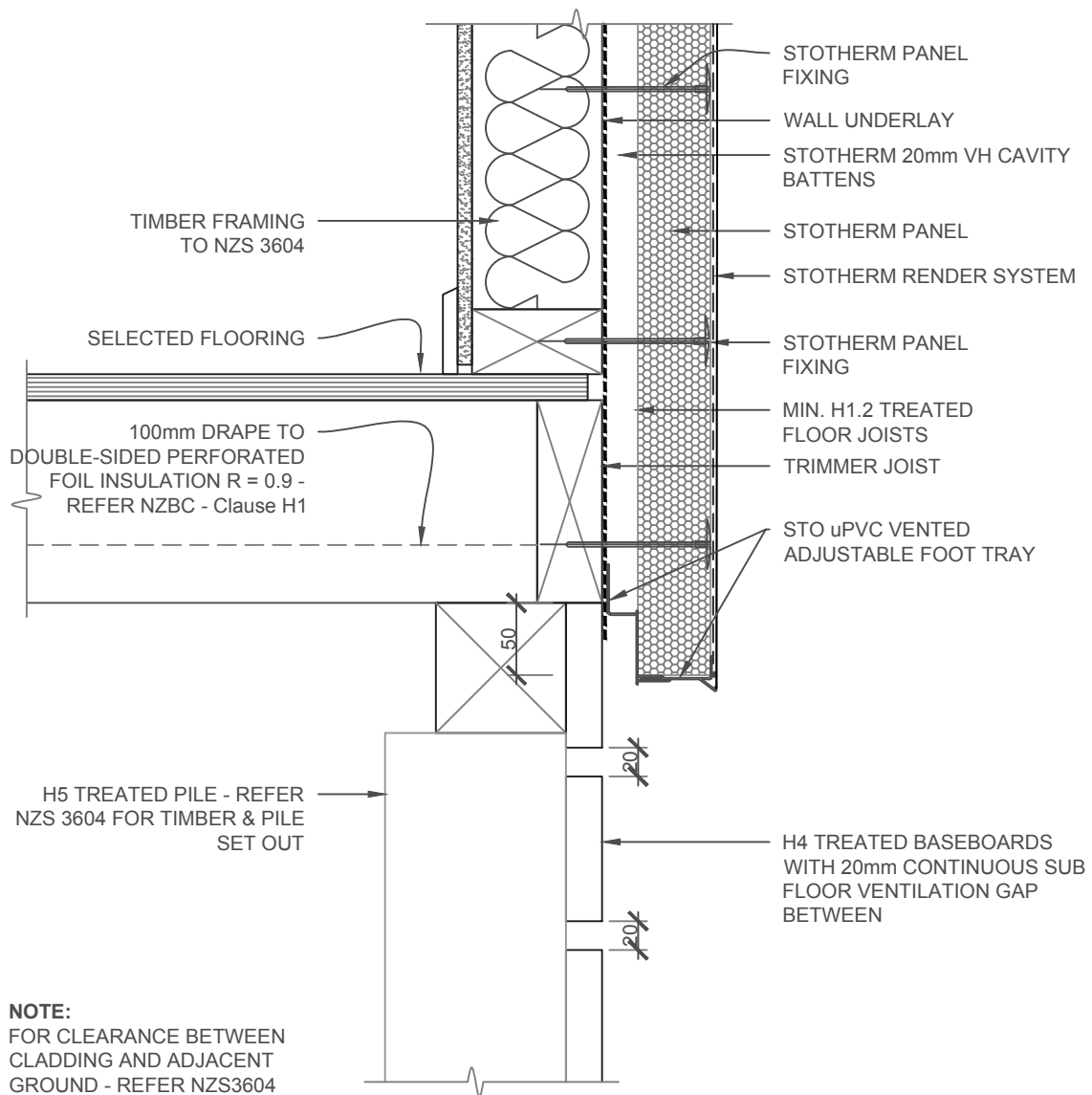
STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM MAXRAFT FLOOR SYSTEM / EDGE DETAIL	ST 208
		2017

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STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM TIMBER PILE/SUBFLOOR VENTILATION (Parallel Wall)	ST 209
		2017

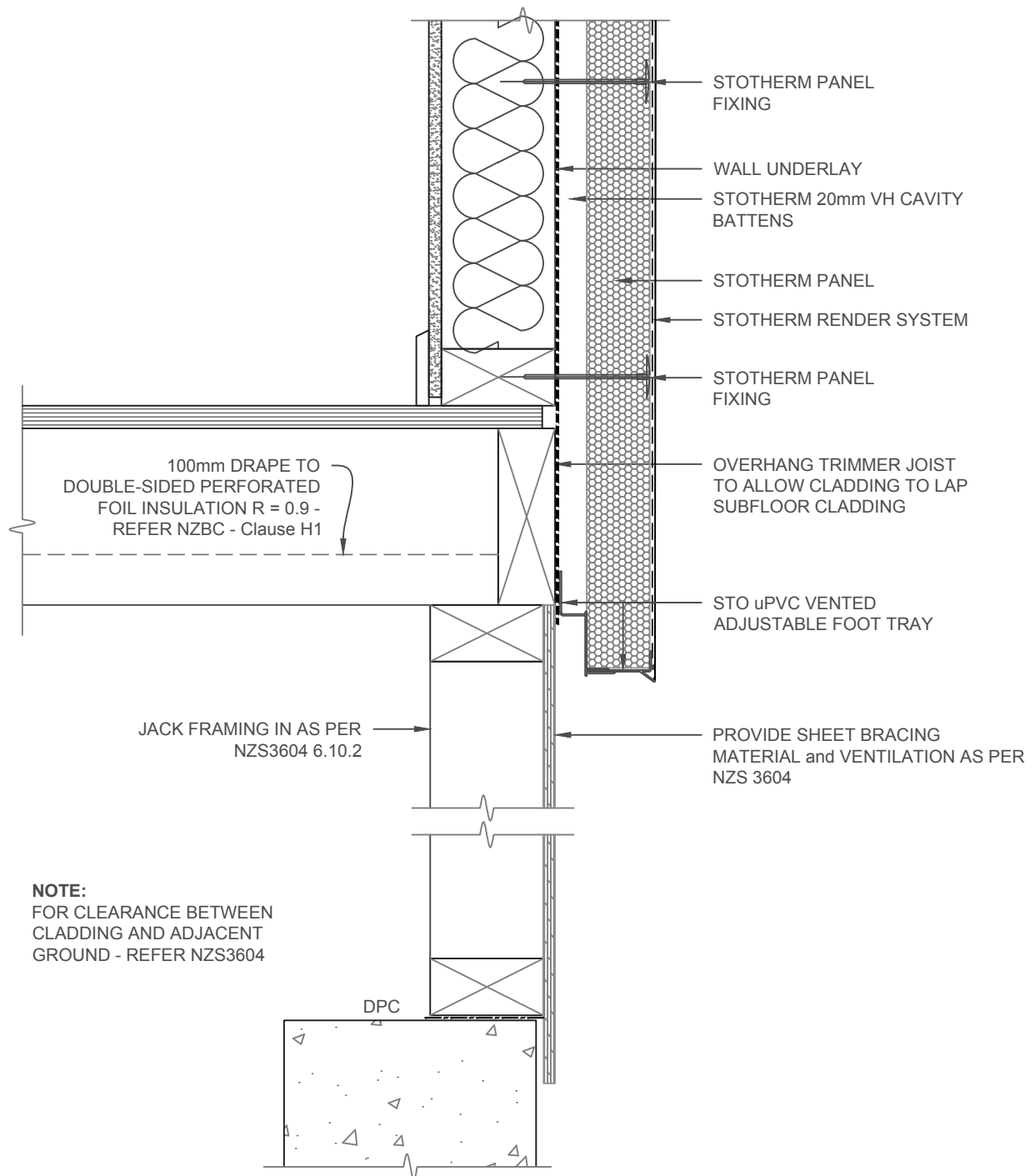
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SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM TIMBER PILE/SUBFLOOR VENTILATION (Right Angled Wall)	ST 210
		2017

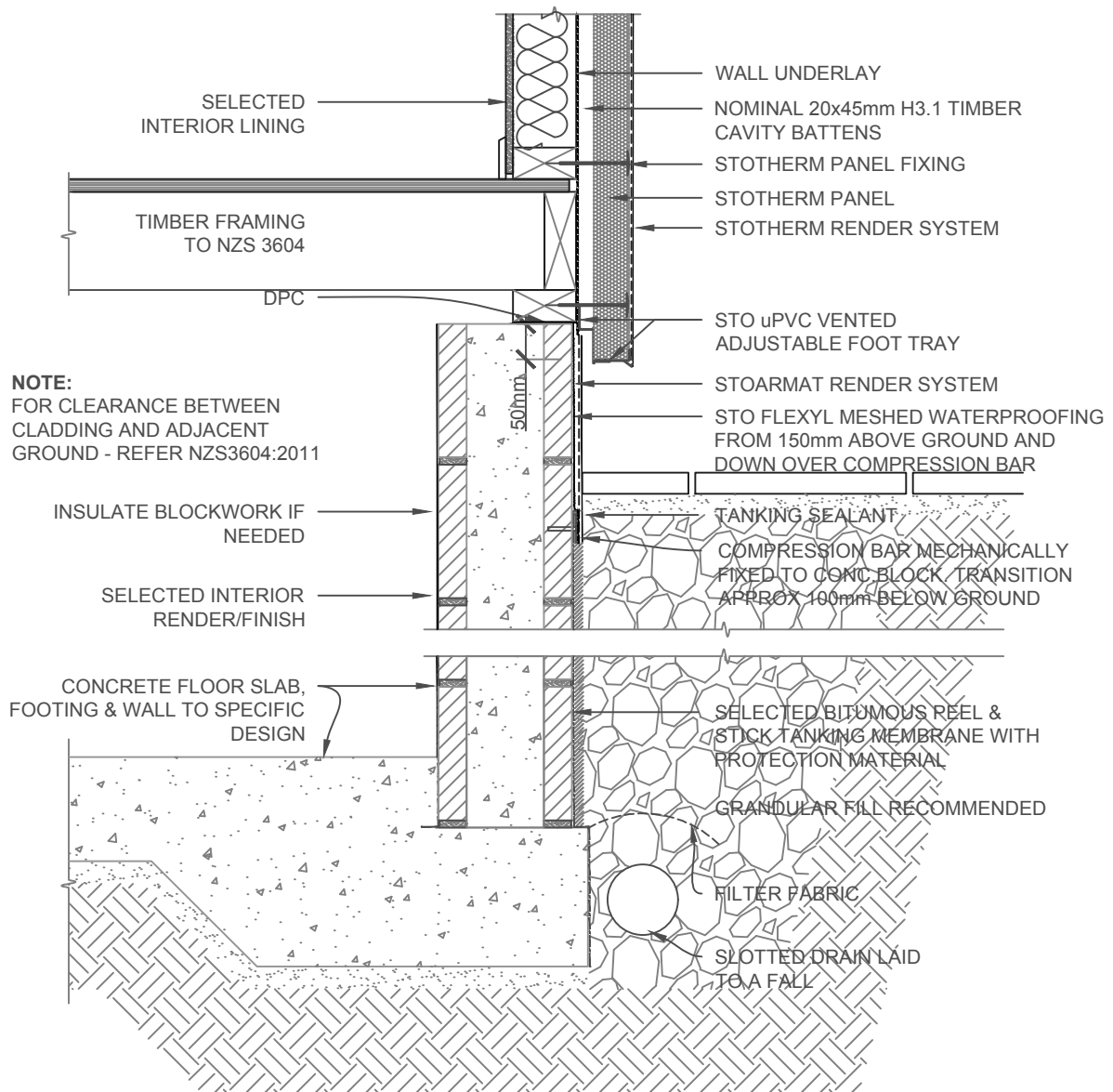
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SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM TIMBER SUBFLOOR WITH JACK STUDS	ST 211
		2017

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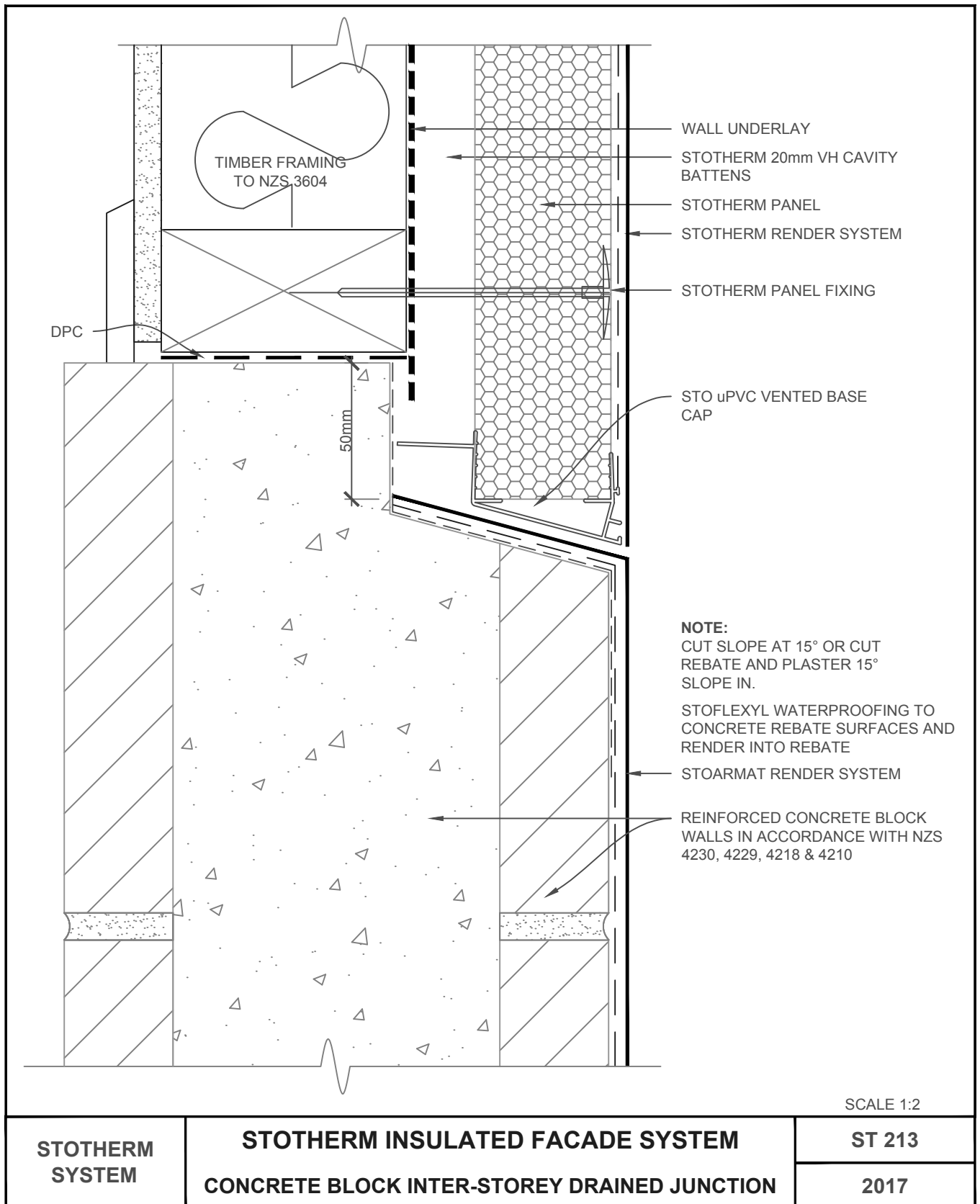


SLAB-ON-GROUND FLOOR & CONC.MASONRY WALLS AS PER NZS 4210/4229/4230 & AND ENGINEERS DRAWINGS

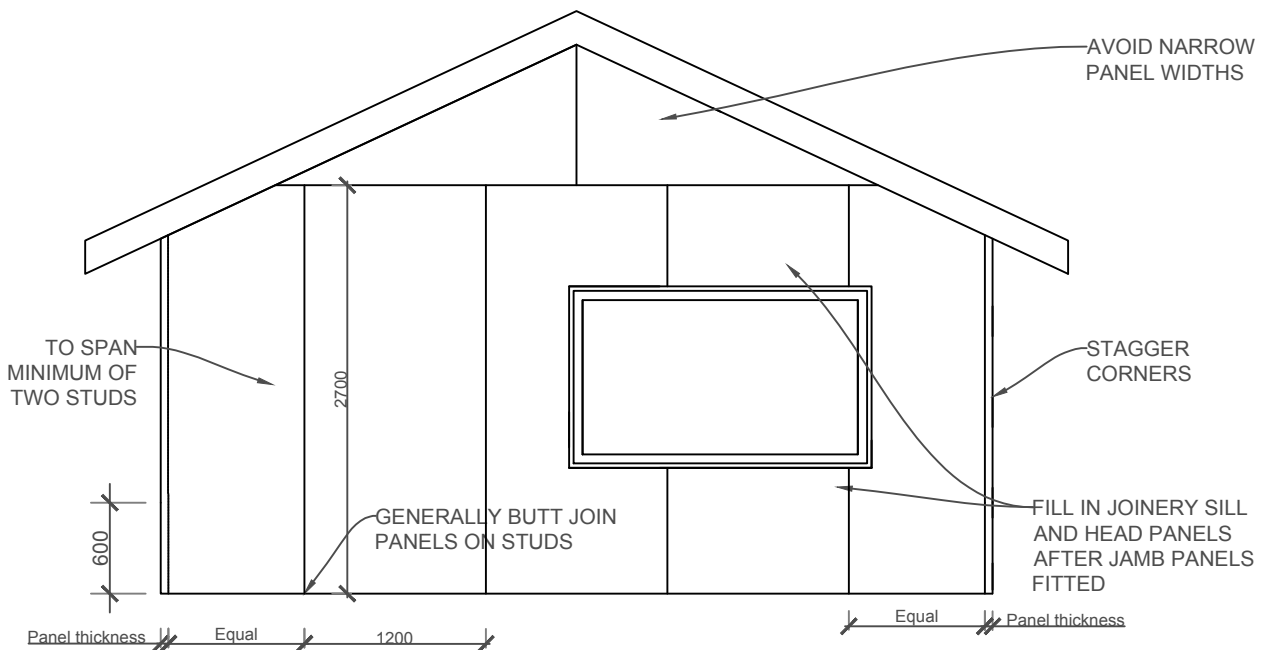
ALLOW ADEQUATE TIME FOR BLOCK TO DRY/STABALISE BEFORE PLASTERING NORMALLY FROM 4-8 WEEKS IN AVERAGE DRYING CONDITIONS.

SCALE 1:10

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM MASONRY CONC.BLOCK IN-GROUND WALL	ST 212
		2017



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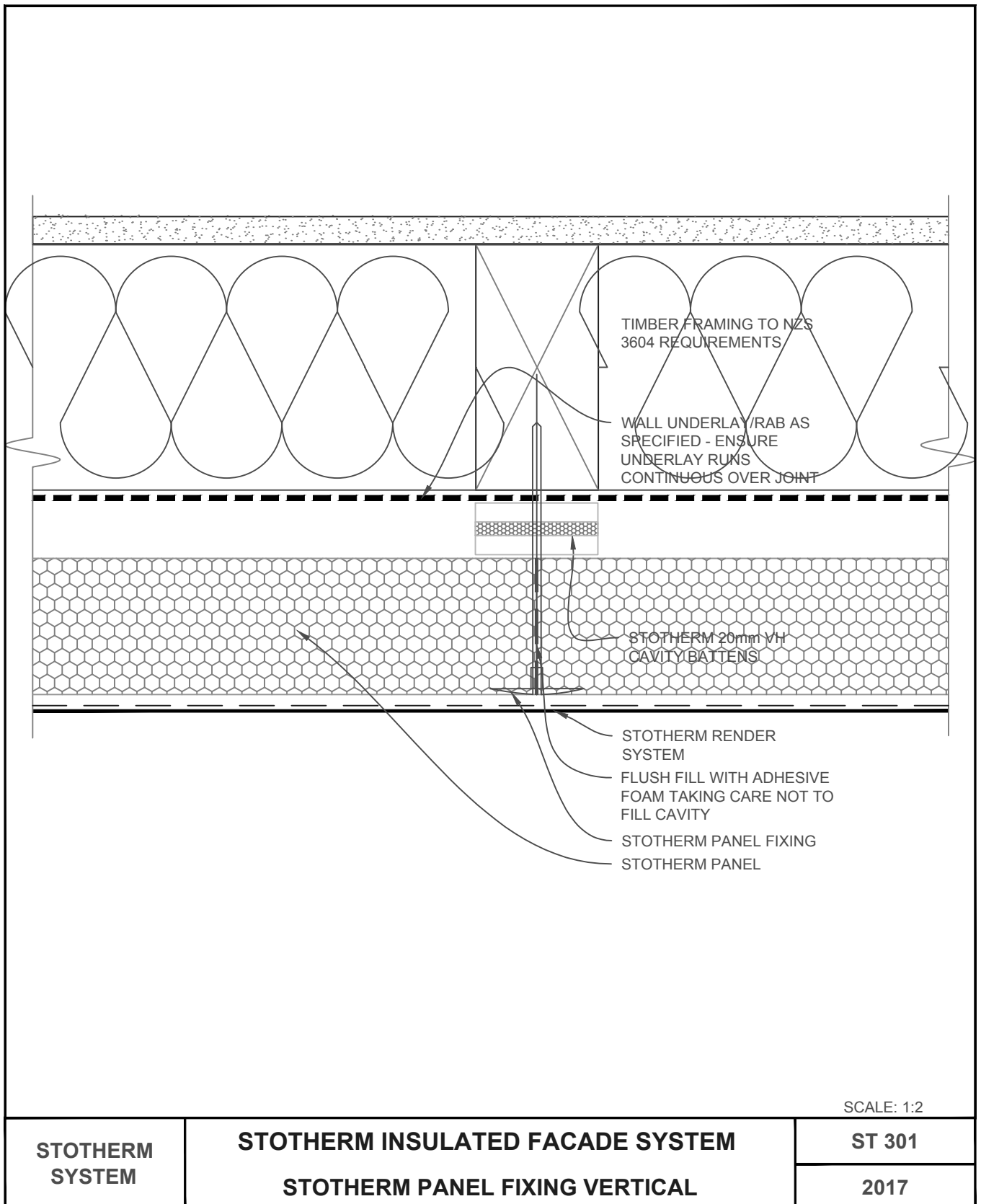


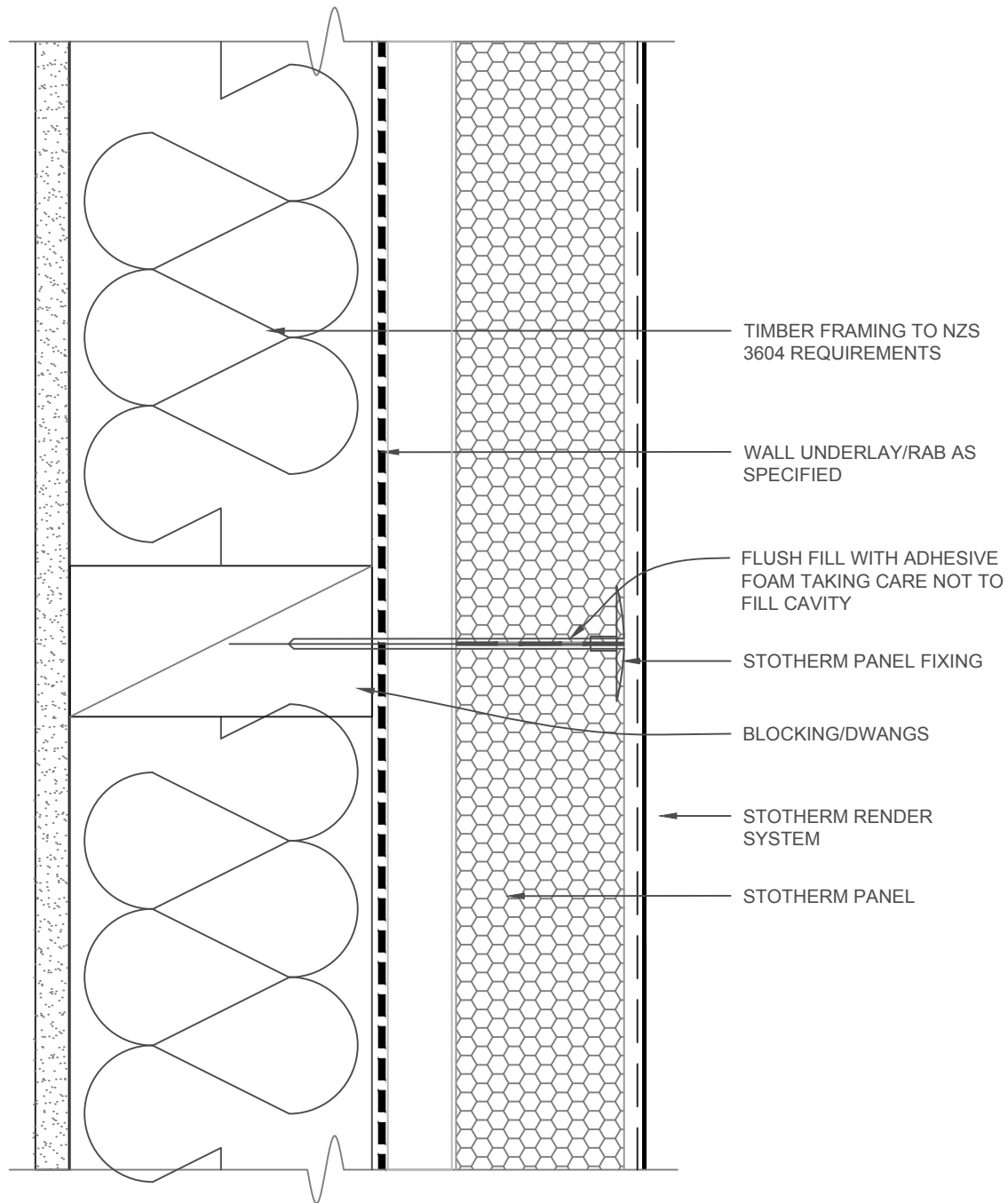
NOTE: USE FULL PANELS WHERE POSSIBLE.
 ALL PANEL CUTS SHALL BE CAREFULLY MADE TO ACHIEVE A TIGHT BUTT FIT.
 ALL PANEL JOINTS MUST BE FLUSH FILLED WITH STO FOAM TAKING CARE NOT TO FILL THE CAVITY.
 MECHANICALLY FIX ALL PANELS WITH STOTHERM FIXINGS AT MAXIMUM 300mm CENTRES.
 PANELS TO BE SUPPORTED BY MINIMUM TWO STUDS OR BLOCKING.
 VERTICAL CONTROL JOINTS ARE REQUIRED ON WALLS OVER 20 METRES LONG, SEE STO DETAILS.
 HORIZONTAL CONTROL JOINTS AT INTERSTOREY JUNCTION IF UNSEASONED JOISTS USED.
 HORIZONTAL DRAINED JUNCTION REQUIRED AT THIRD STOREY OR 7 METERS INCLUDING GABLES.

N.T.S

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM STOTHERM PANEL LAYOUT	ST 300
		2017

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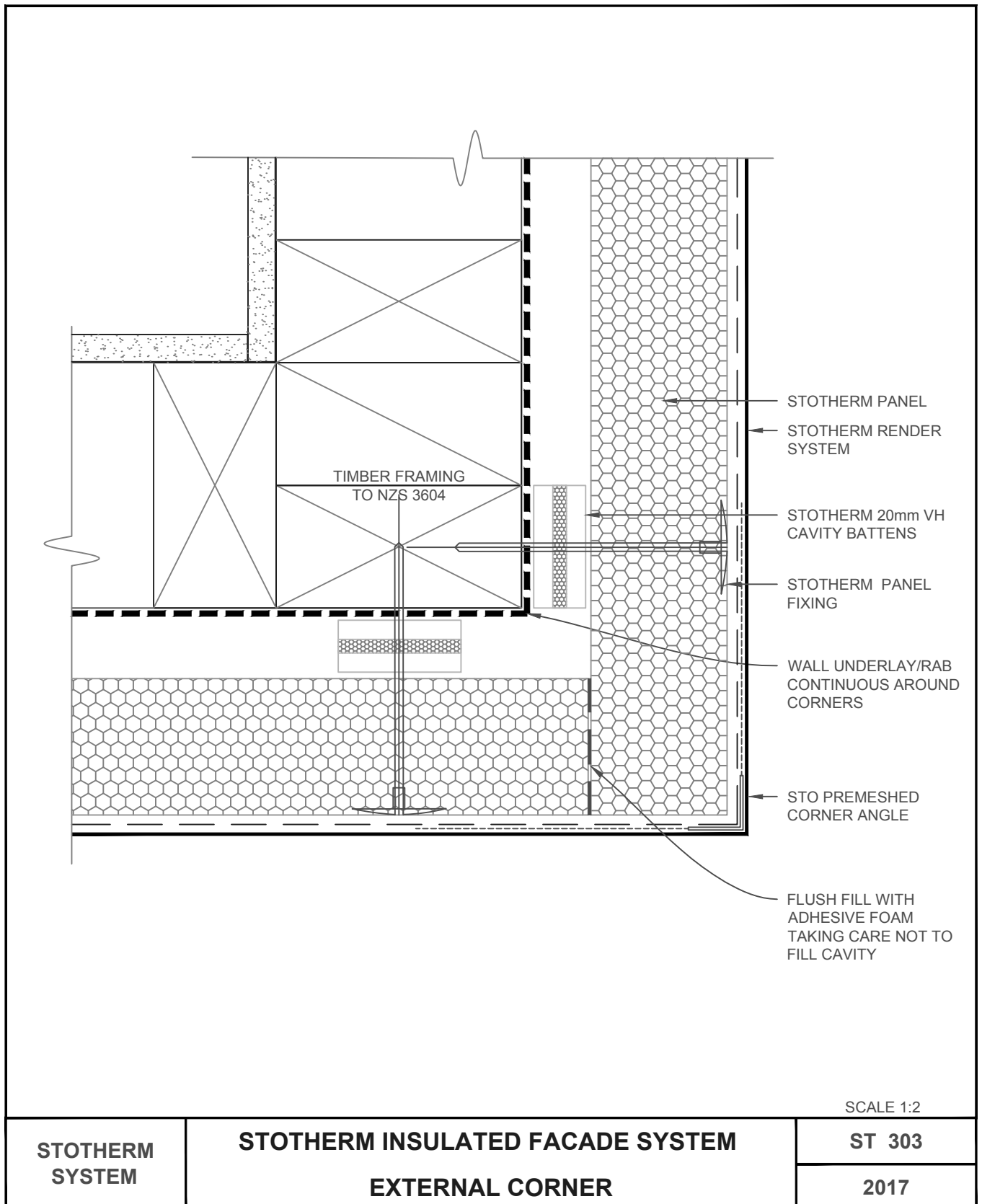




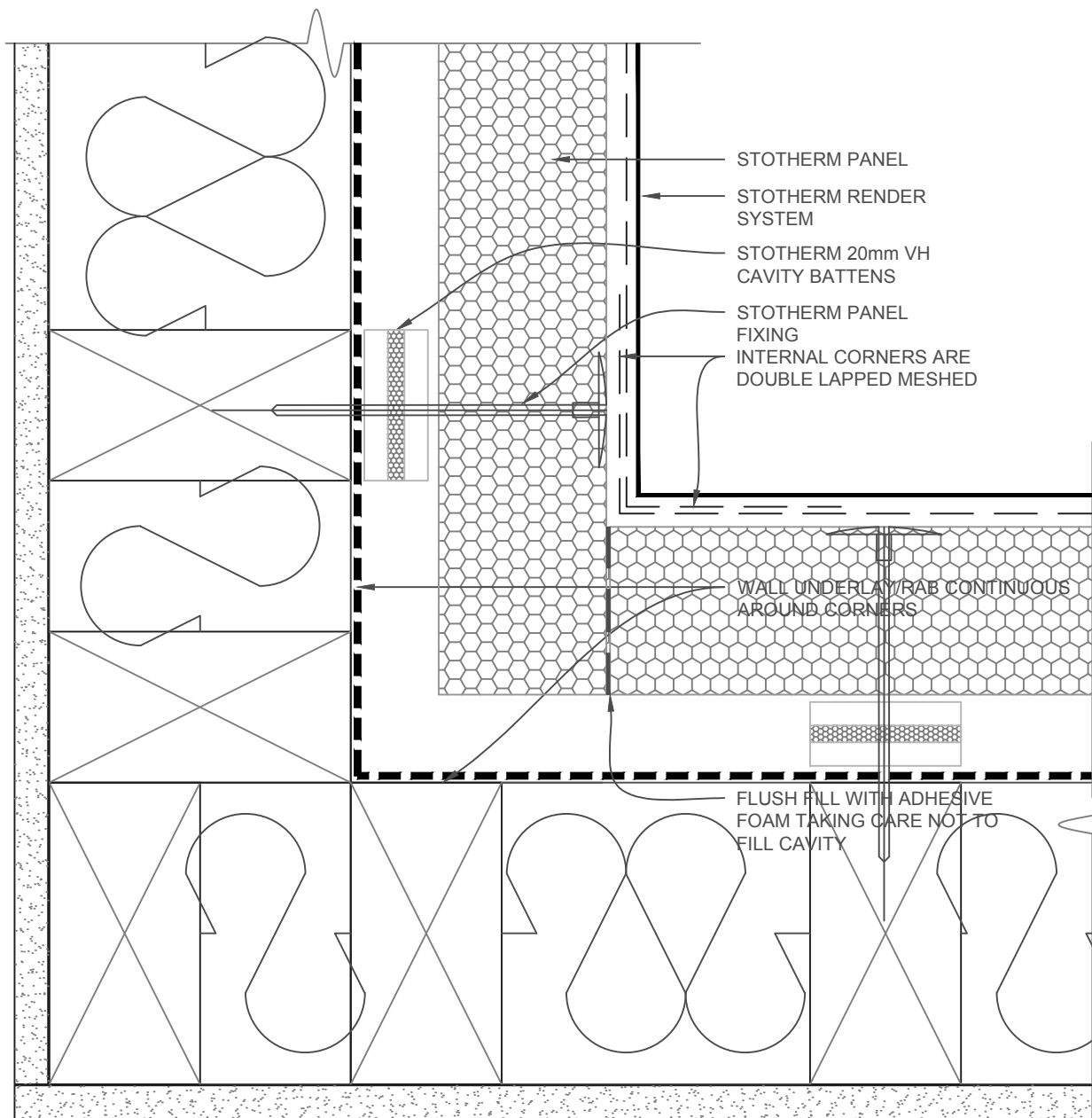
SCALE: 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM STOTHERM PANEL FIXING HORIZONTAL	ST 302
		2017

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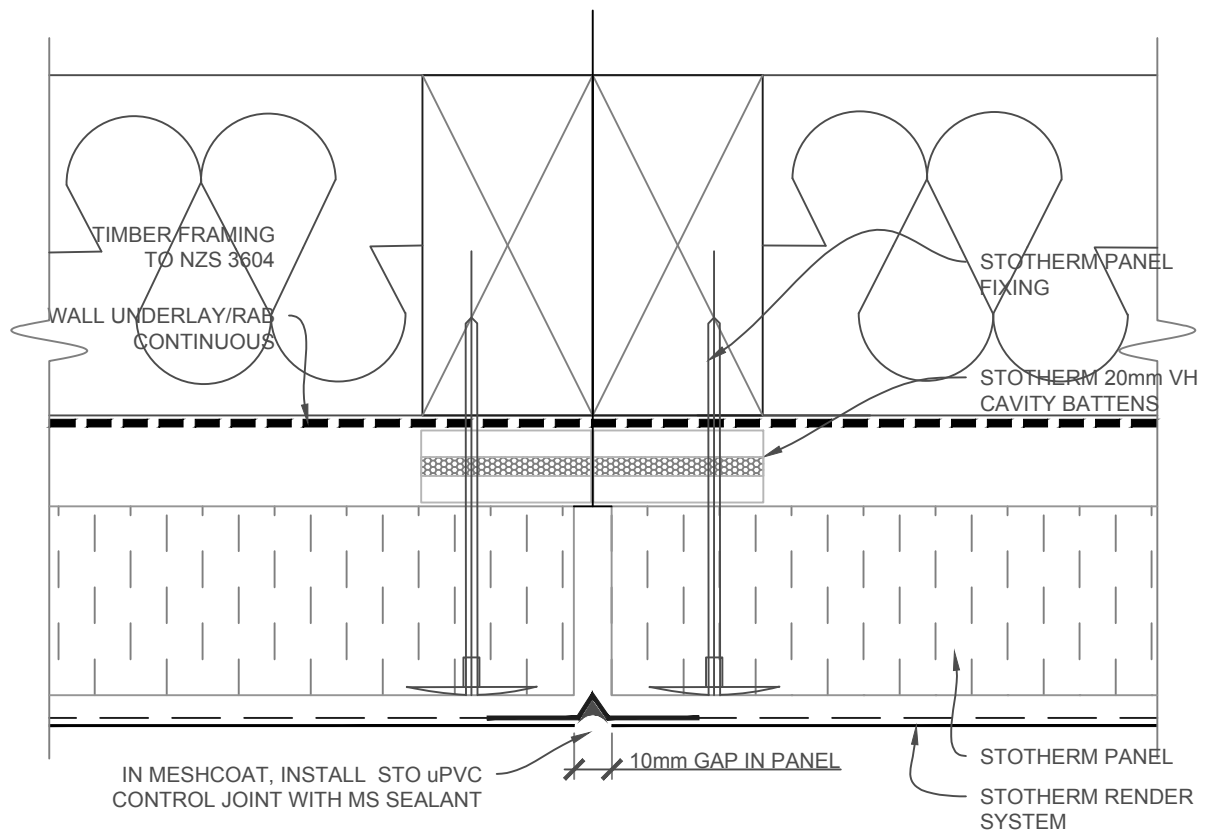
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SCALE: 1:2

<p>STO THERM SYSTEM</p>	<p>STOTHERM INSULATED FACADE SYSTEM</p> <p>INTERNAL CORNER</p>	<p>ST 304</p> <p>2017</p>
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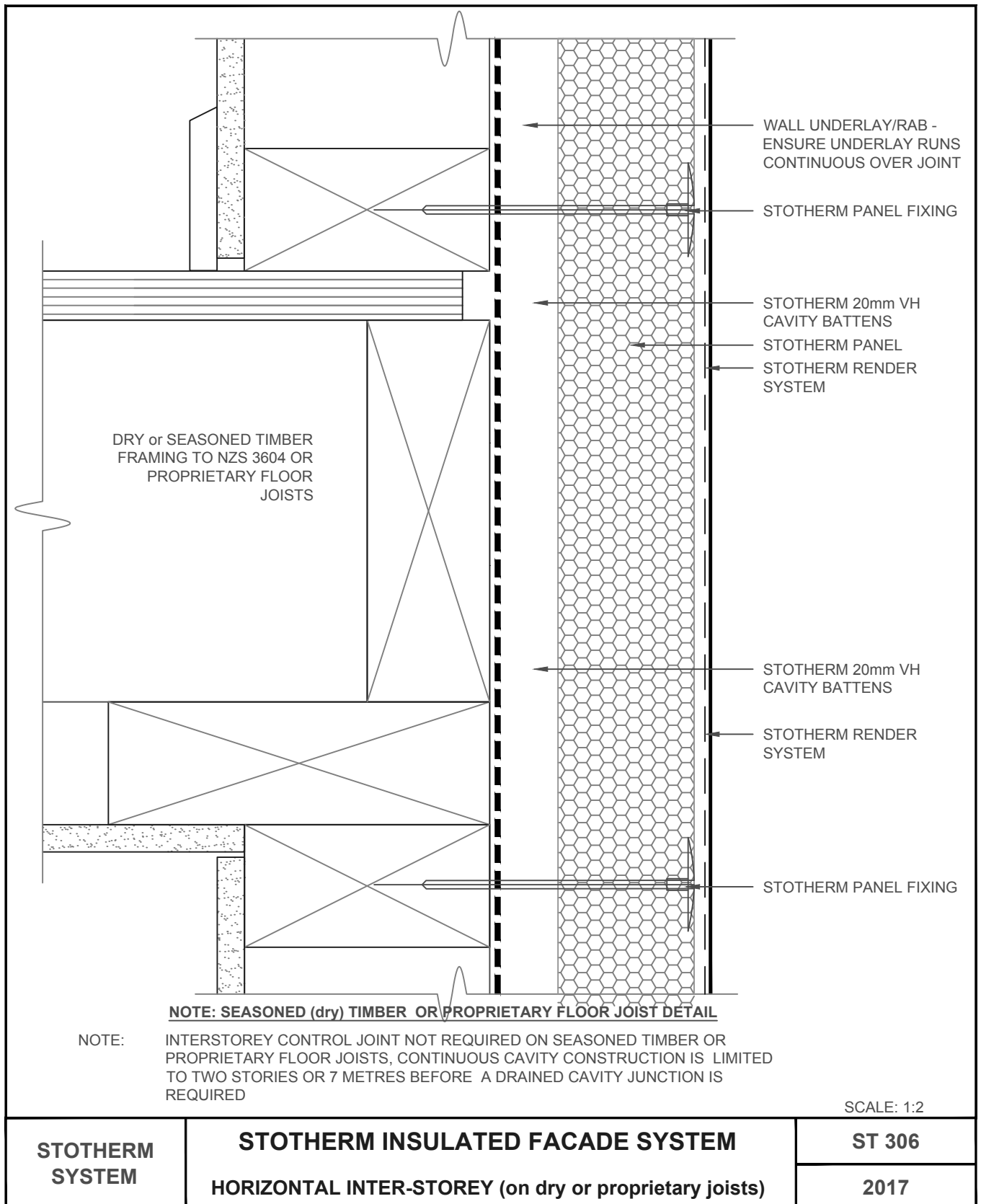


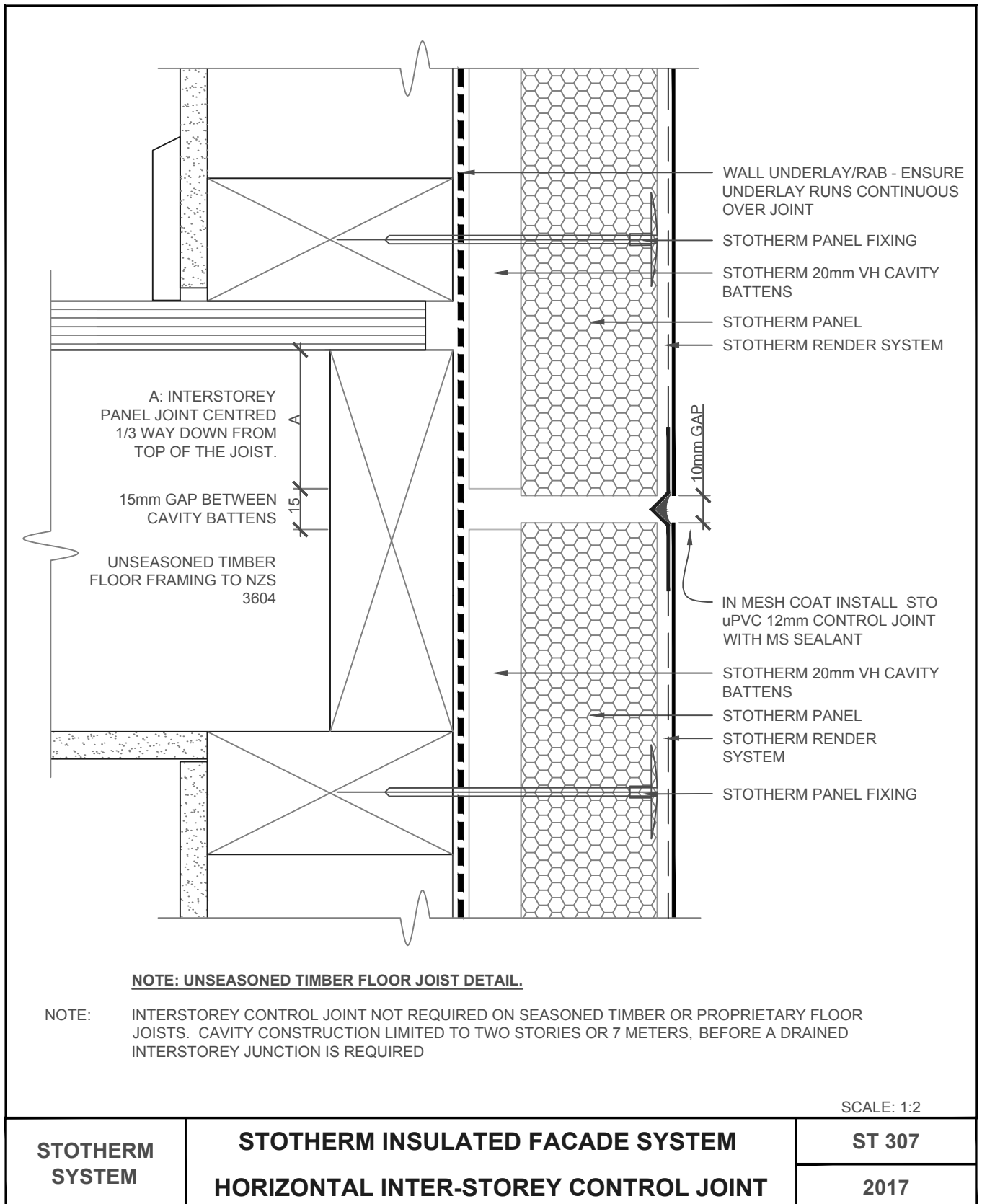
NOTE:
ENSURE STOTHERM PANELS ARE SUPPORTED BY A MIN. OF 2/STUDS. VERTICAL CONTROL JOINTS ARE REQUIRED AT 20 LINEAL METRES MAX. OR AT ENGINEERED FRAMING EXPANSION JOINTS and at DISSIMILAR MATERIAL JUNCTIONS. SET STO CONTROL JOINT AND REMOVE TAB CAREFULLY AS SOON AS THE JOINT IS SET TO AVOID CRACKS

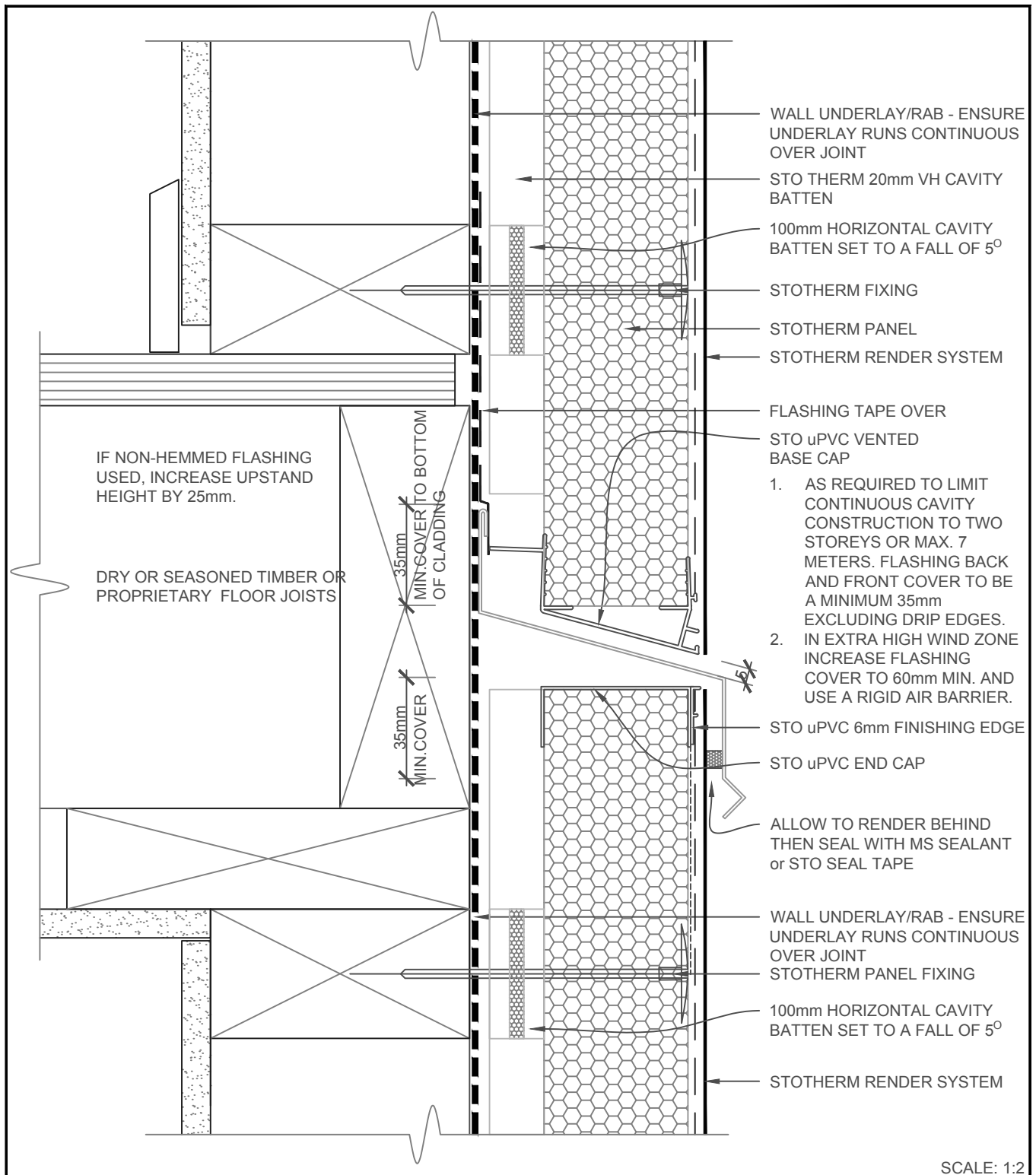
SCALE: 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM VERTICAL CONTROL JOINT	ST 305
		2017

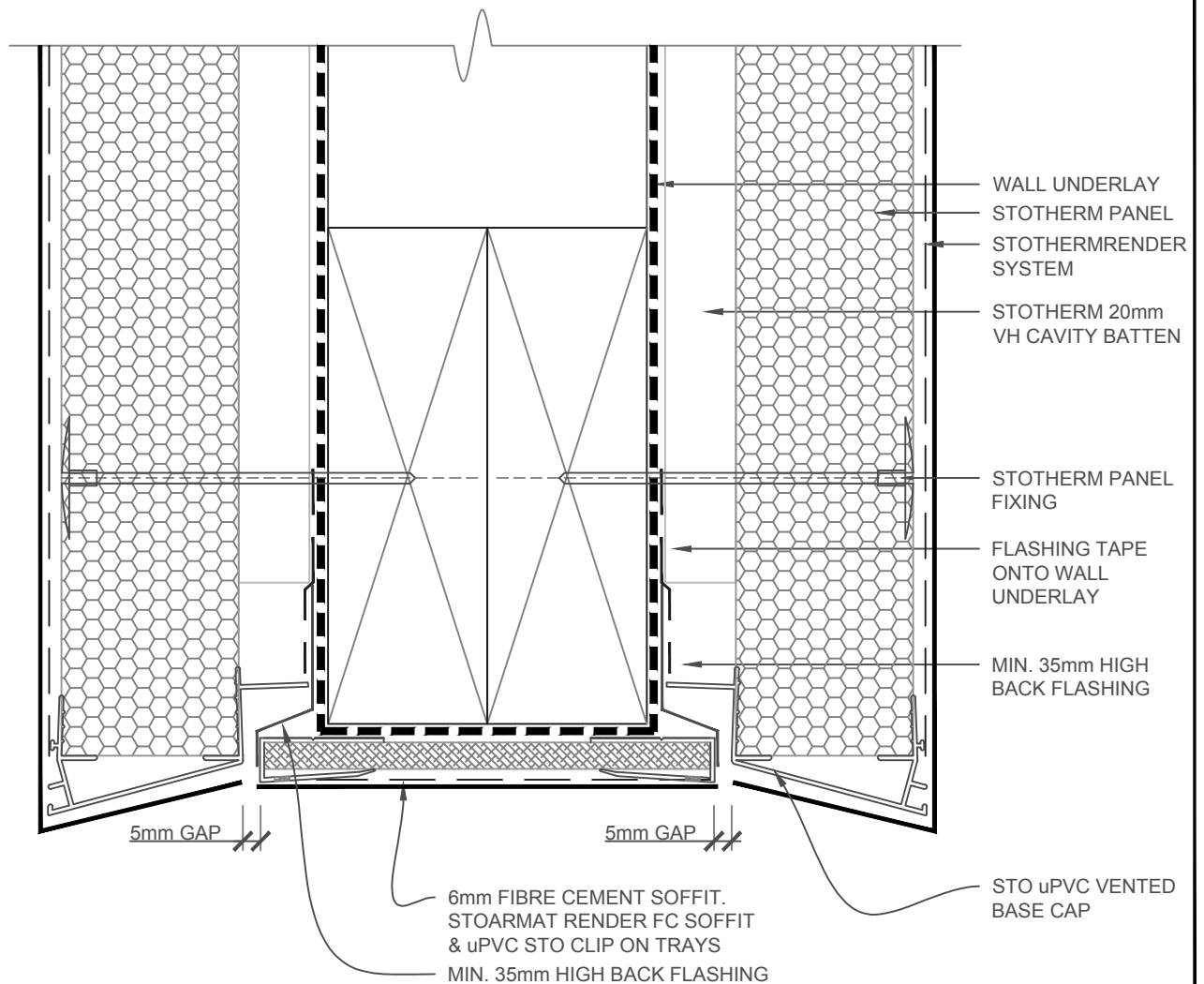
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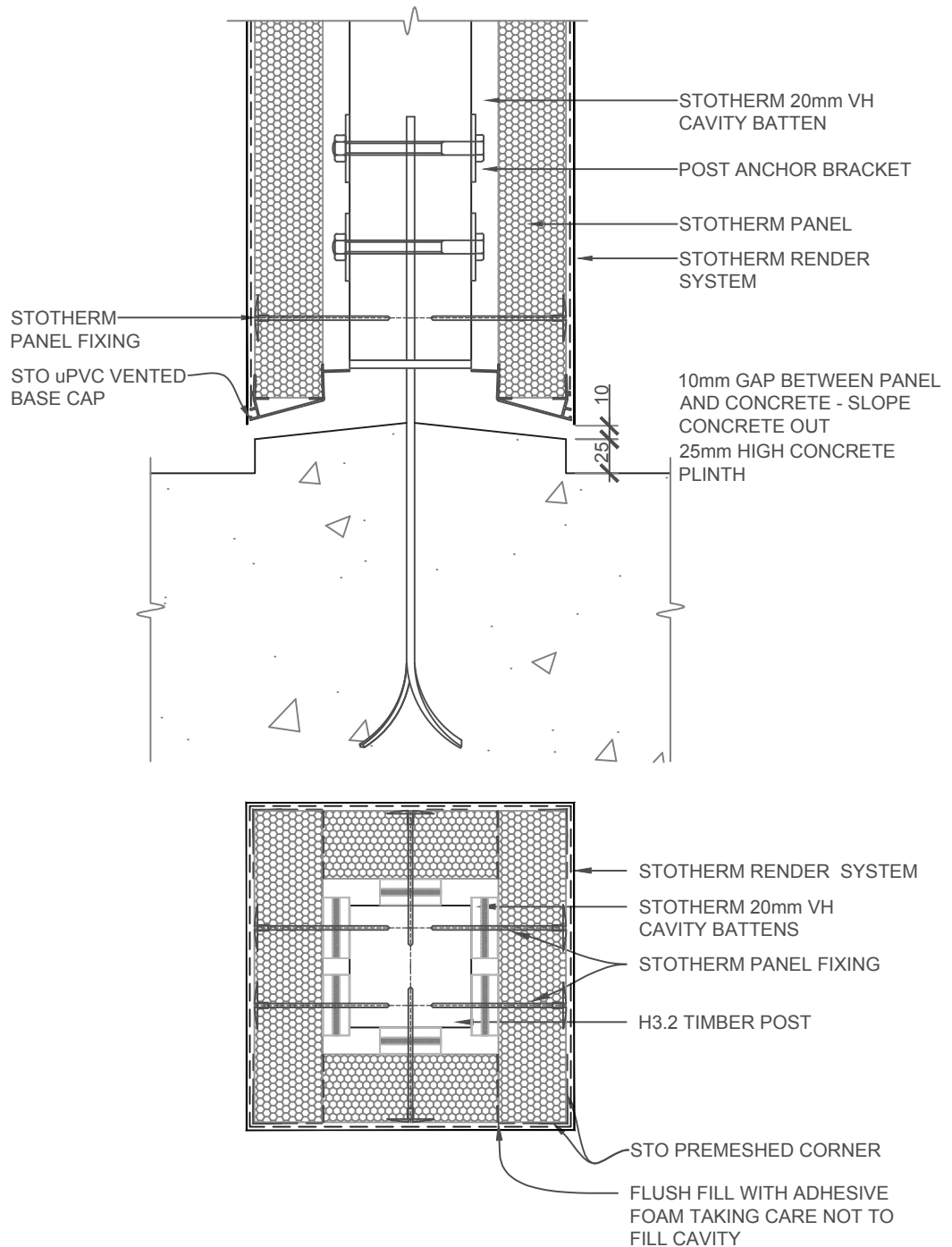
STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM DRAINED JUNCTION AT THIRD STOREY	ST 308
		2017



SCALE 1:2

<p>STOTHERM SYSTEM</p>	<p>STOTHERM INSULATED FACADE SYSTEM BOXED BEAM</p>	<p>ST 309 2017</p>
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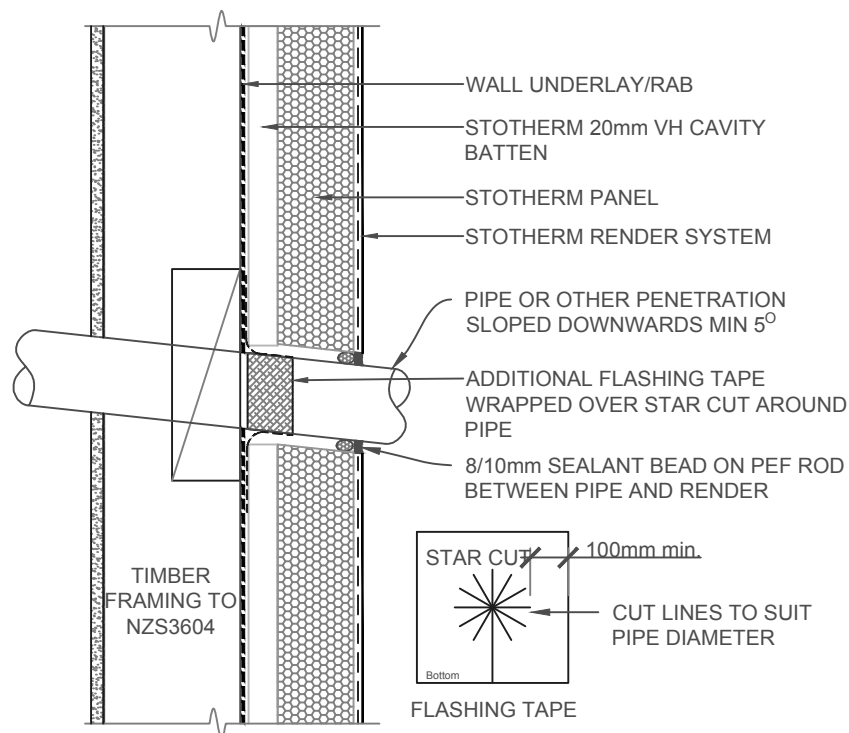
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SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM POST DETAIL	ST 310
		2017

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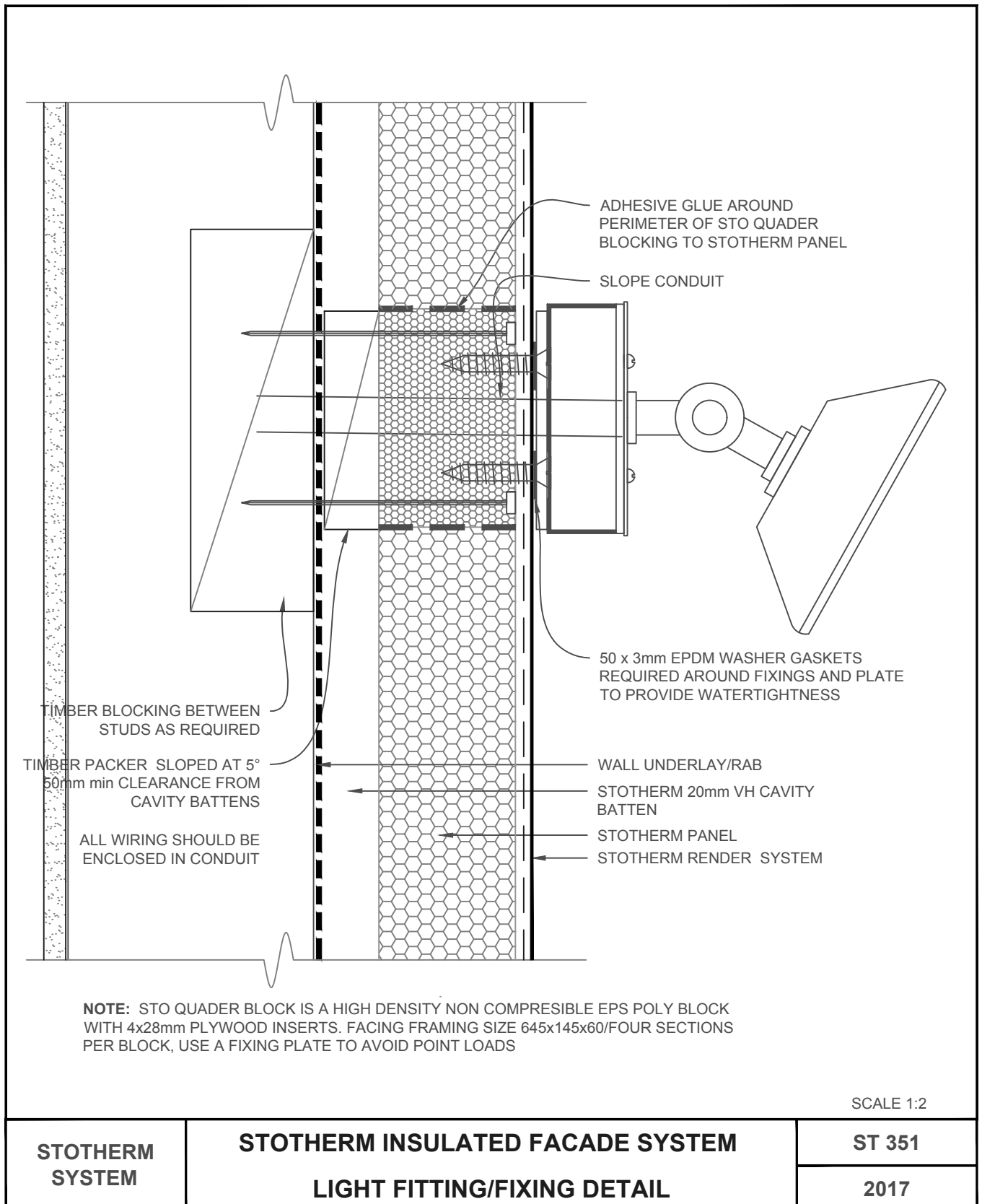


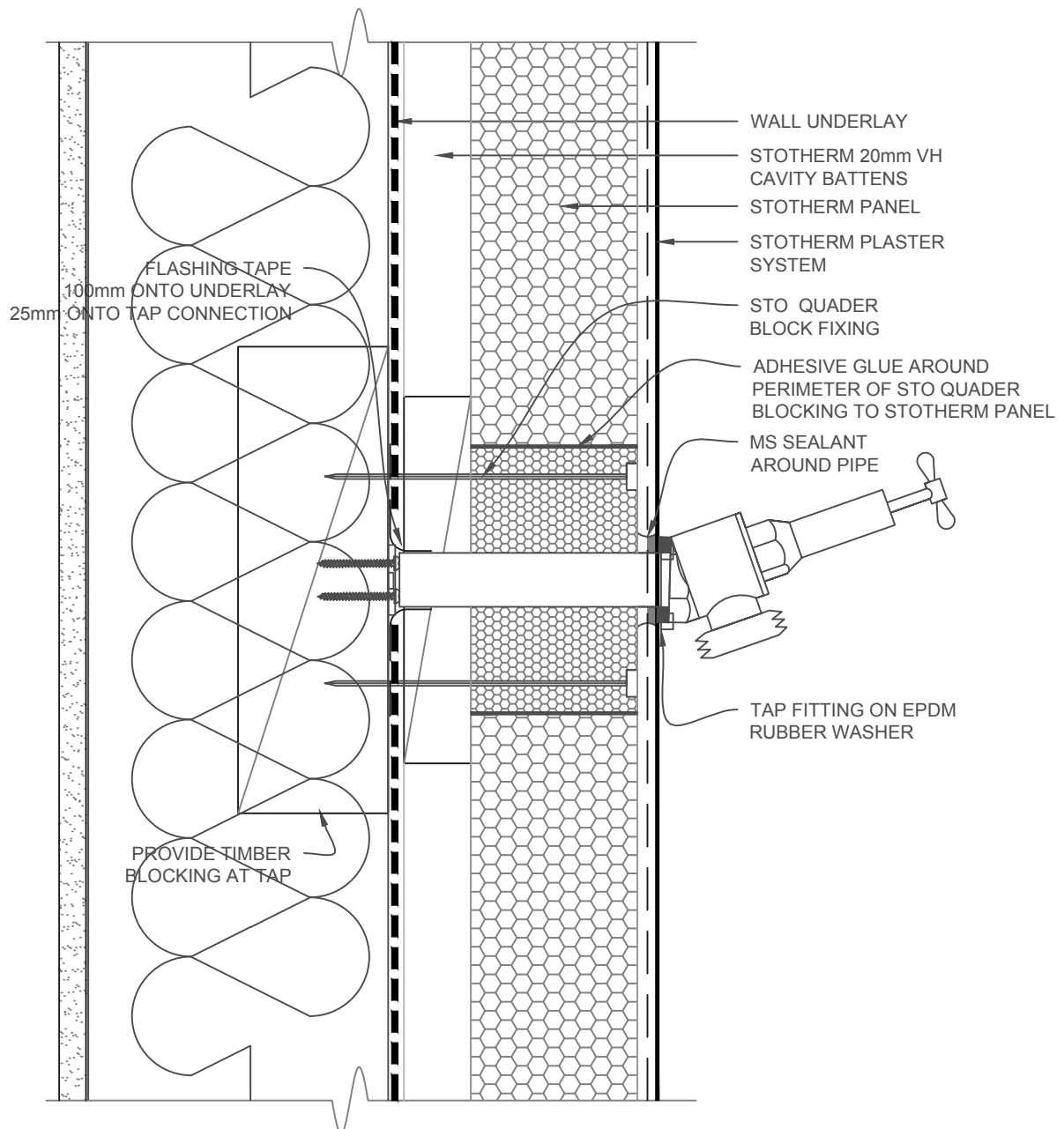
NOTE: INSTALL FLASHING TAPE WITH 100mm CLEARANCE AROUND PIPE ONTO WALL UNDERLAY AND WRAP 25mm AROUND PIPE.

WHERE MIN 75mm BLOCKING SUPPORTS THE WALL UNDERLAY AROUND THE PENETRATION THE FLASHING TAPE CAN BE OMITTED BUT A FACE FIXED EXTERIOR FLANGE WITH SEALANT IS REQUIRED AS PER E2AS1 FIG.68

SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM PIPE PENETRATION DETAIL	ST 350
		2017



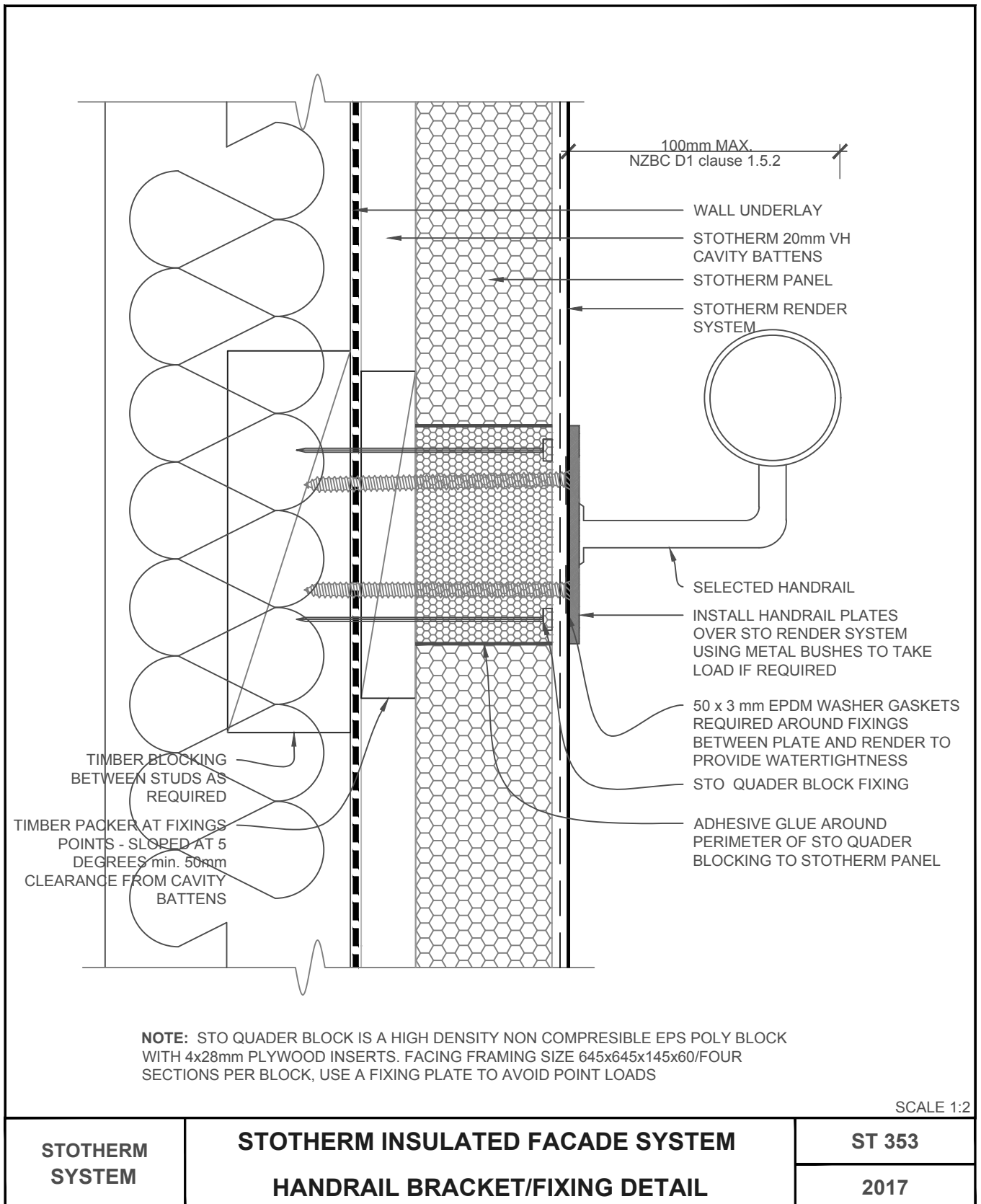


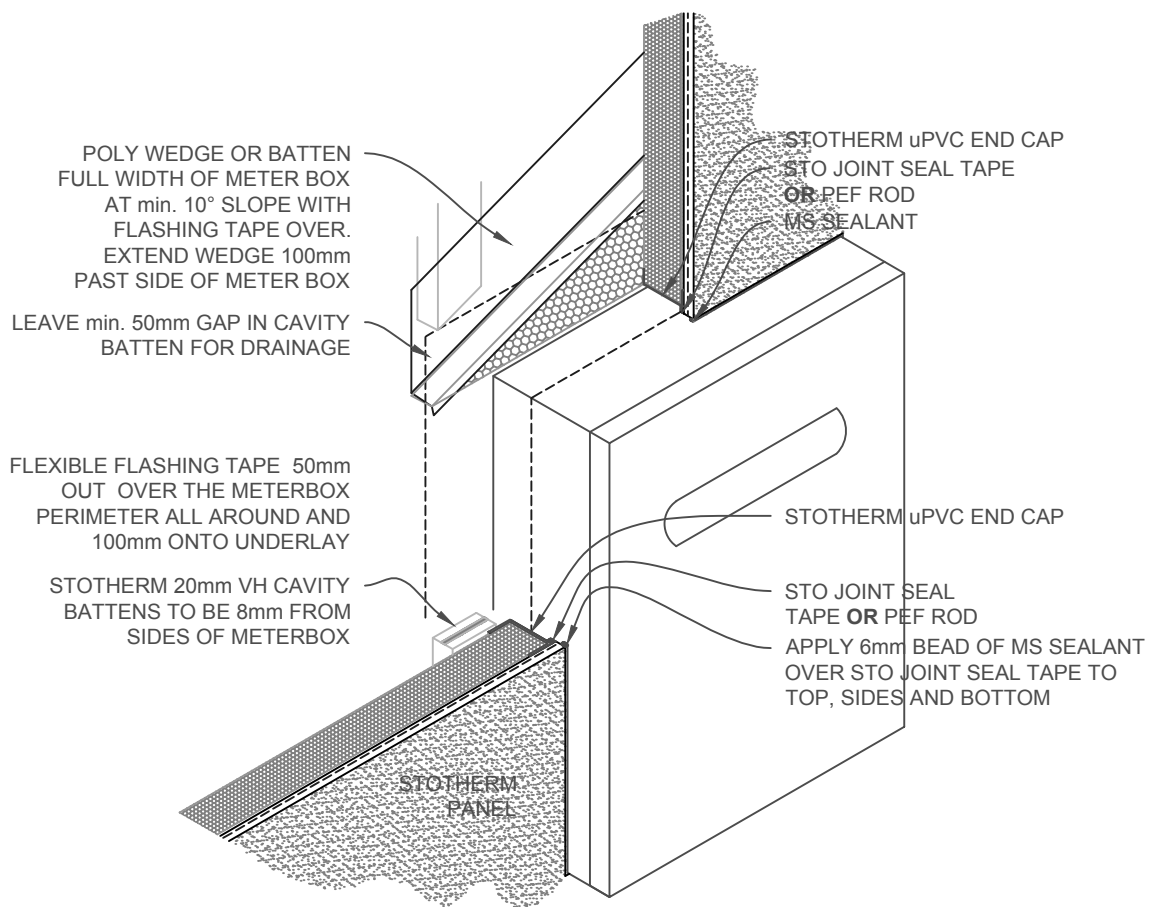
NOTE: STO QUADER BLOCK IS A HIGH DENSITY NON COMPRESIBLE EPS POLY BLOCK WITH 4x28mm PLYWOOD INSERTS. FACING FRAMING SIZE 645x145x60/FOUR SECTIONS PER BLOCK, USE A FIXING PLATE TO AVOID POINT LOADS

SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM TAP FITTING/FIXING DETAIL	ST 352
		2017

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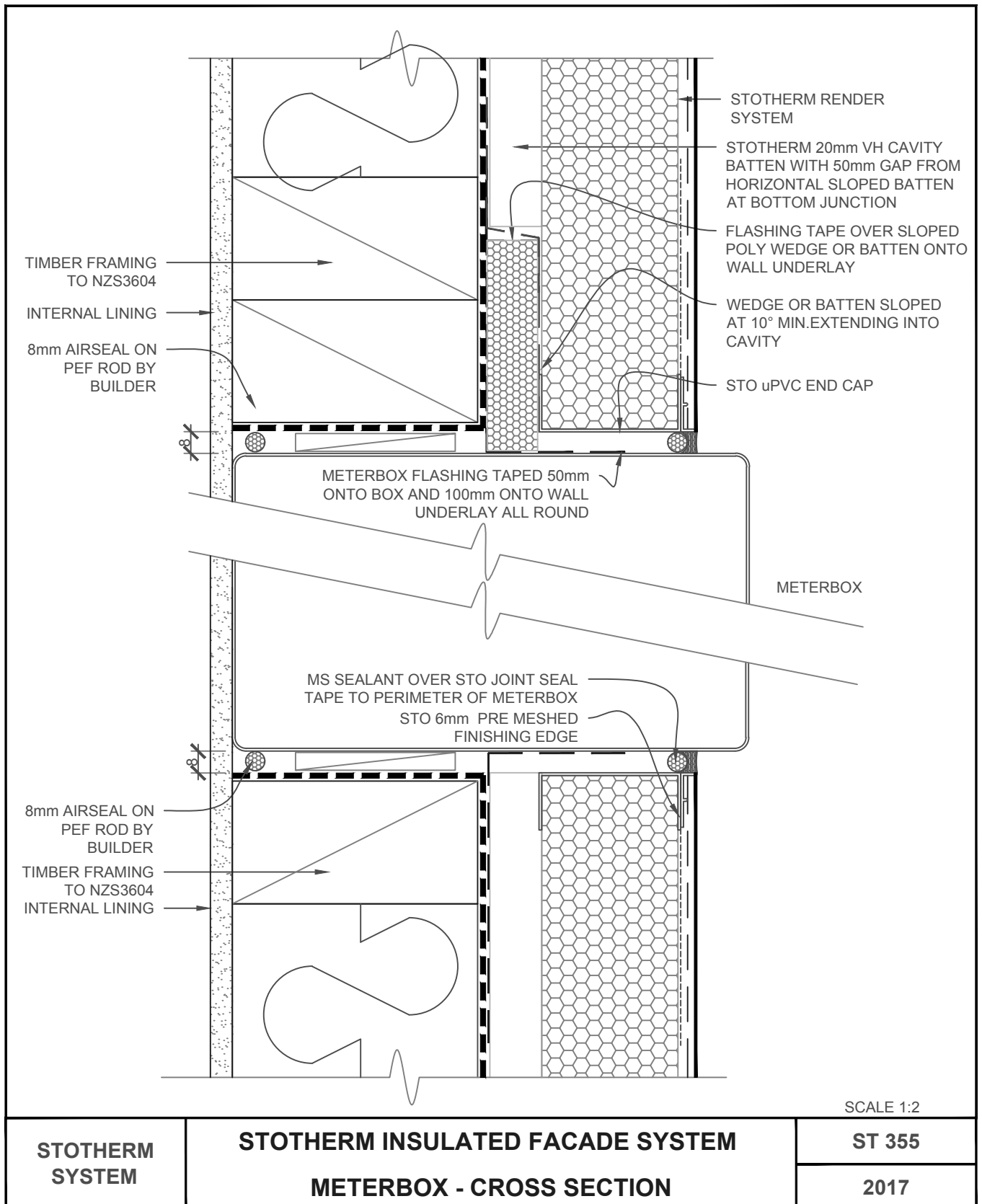


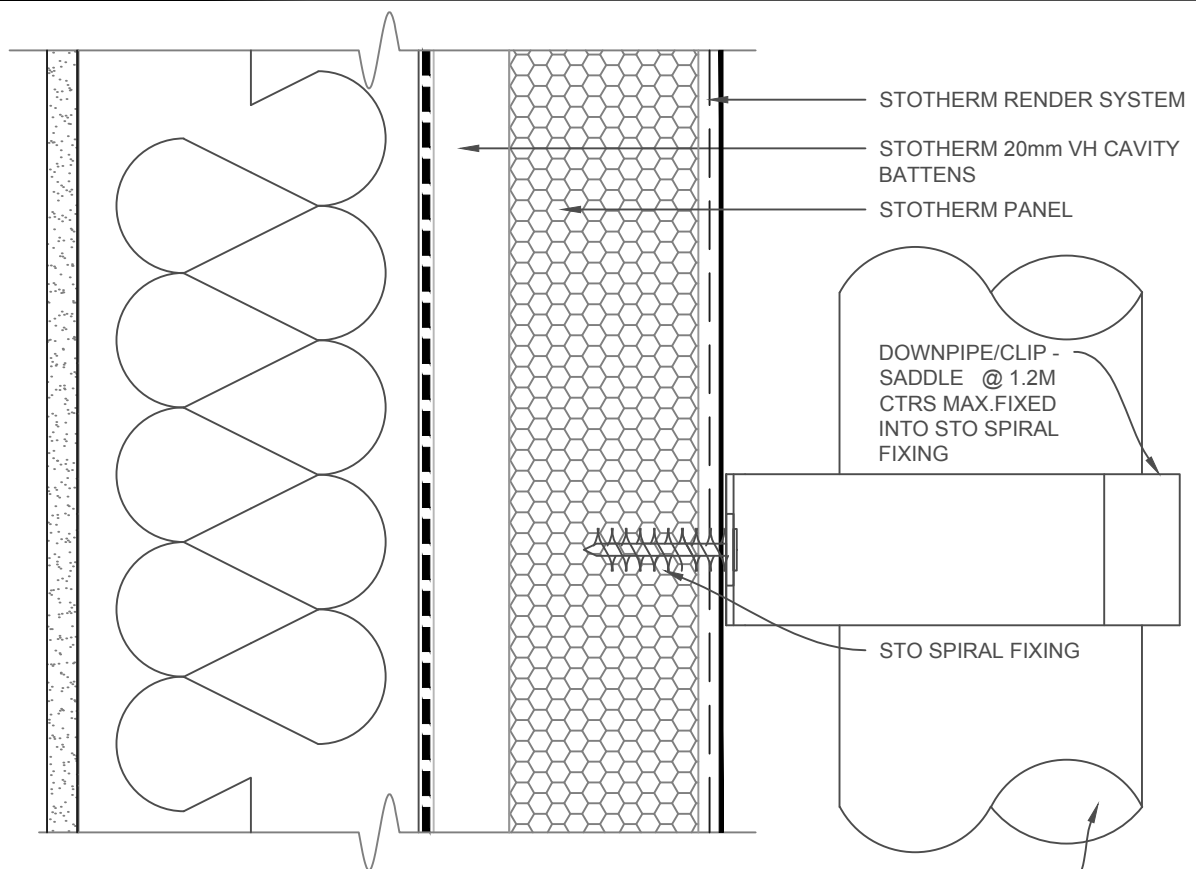


SCALE 1:10

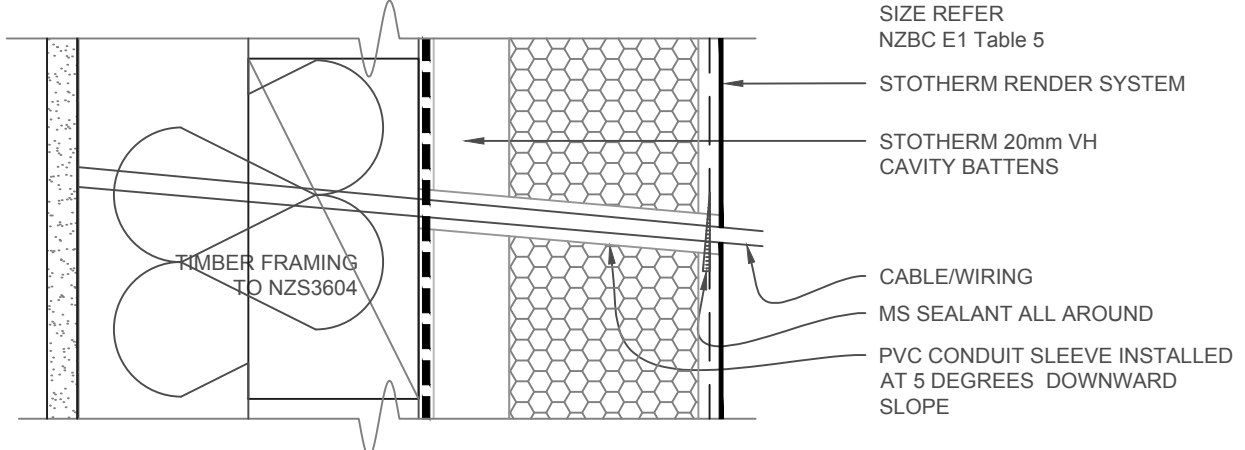
STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM METERBOX - ISOMETRIC	ST 354
		2017

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1. DOWNPIPE/CLIP - SADDLE DETAIL



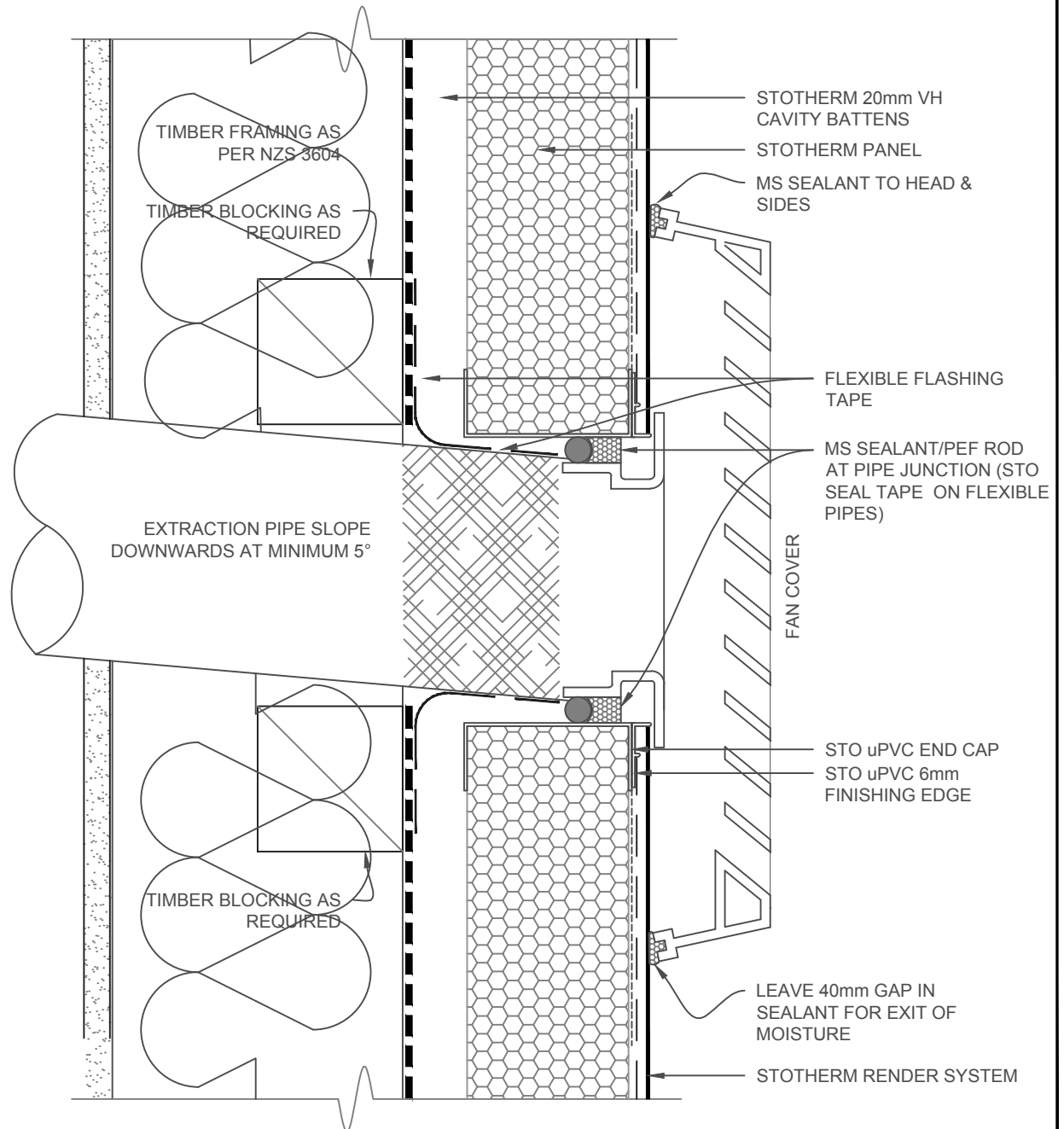
2. WIRING PENETRATION DETAIL

NOTE: ENSURE THE NUMBER OF PENETRATIONS THROUGH THE SYSTEM IS KEPT TO A MINIMUM. THE WEATHER SEALING OF ALL WIRING, ETC AS SHOWN, IS THE RESPONSIBILITY OF THE APPLICABLE TRADE

SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM DOWNPIPE SADDLE FIXING & WIRING DETAILS	ST 356
		2017

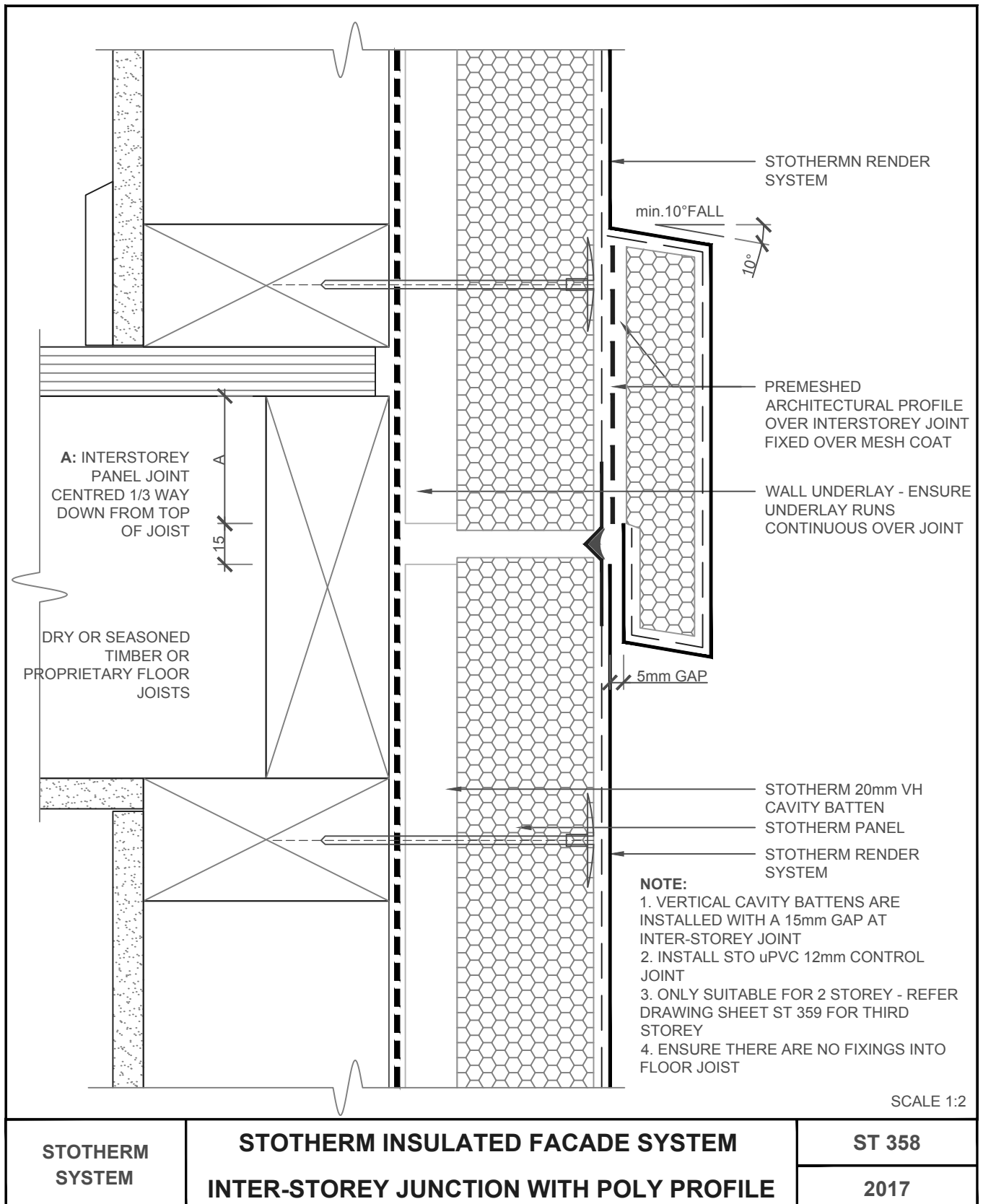
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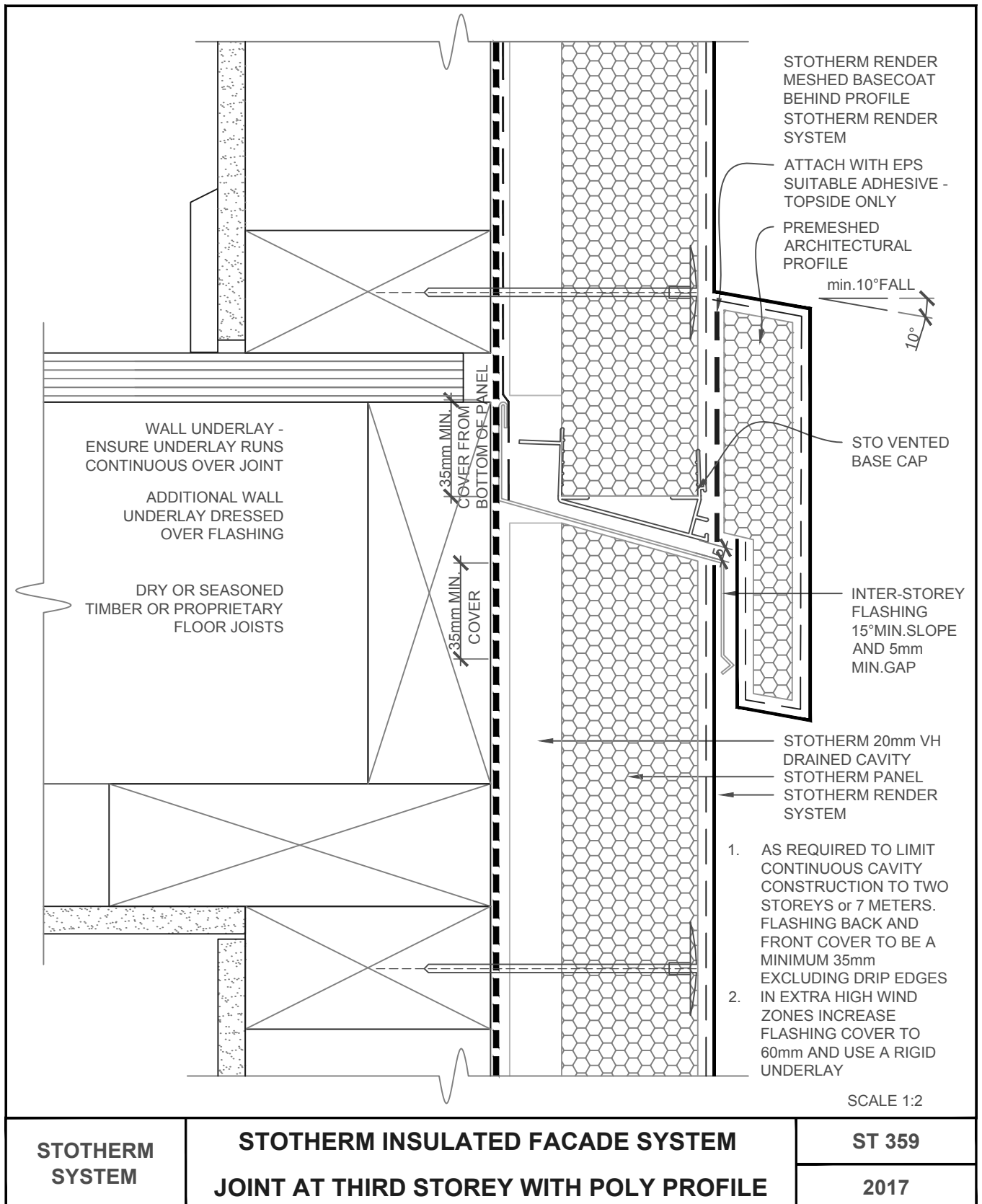


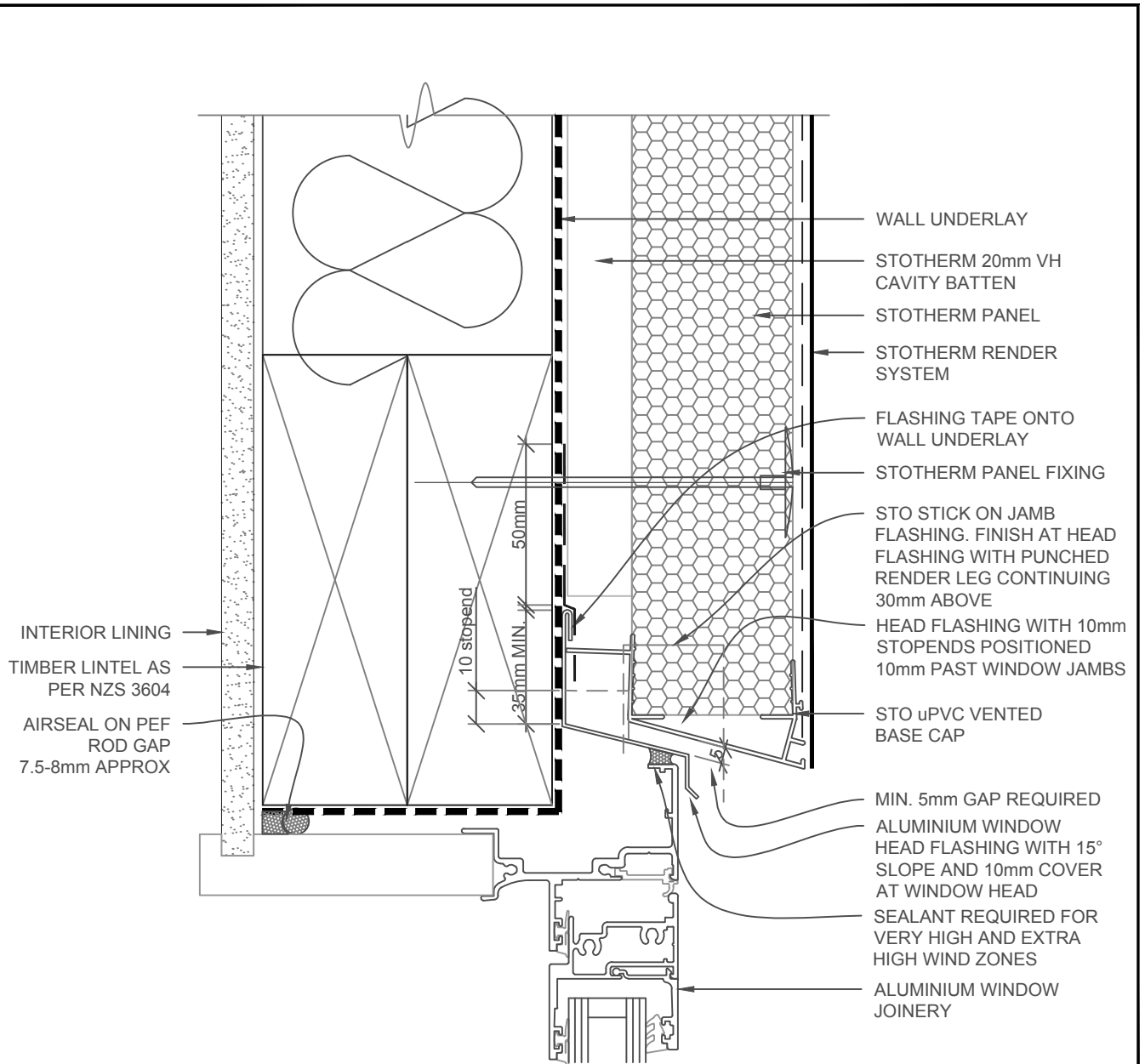
NOTE:
 LEAVE 40mm DRAINAGE GAP IN SEALANT AT BOTTOM OF FAN COVER.
 INSTALL FLASHING TAPE 100mm AROUND PIPE ONTO WALL UNDERLAY AND WRAP 25mm ROUND PIPE.
 FOR FLEXIBLE PIPES, TAPE PIPE TO FAN COVER, APPLY STO JOINT SEAL, TAPE AROUND TAPE BEFORE PLACING IN HOLE. ALWAYS FINISH RENDER BEFORE INSTALLING FAN COVER

SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM FAN VENT DETAIL	ST 357
		2017





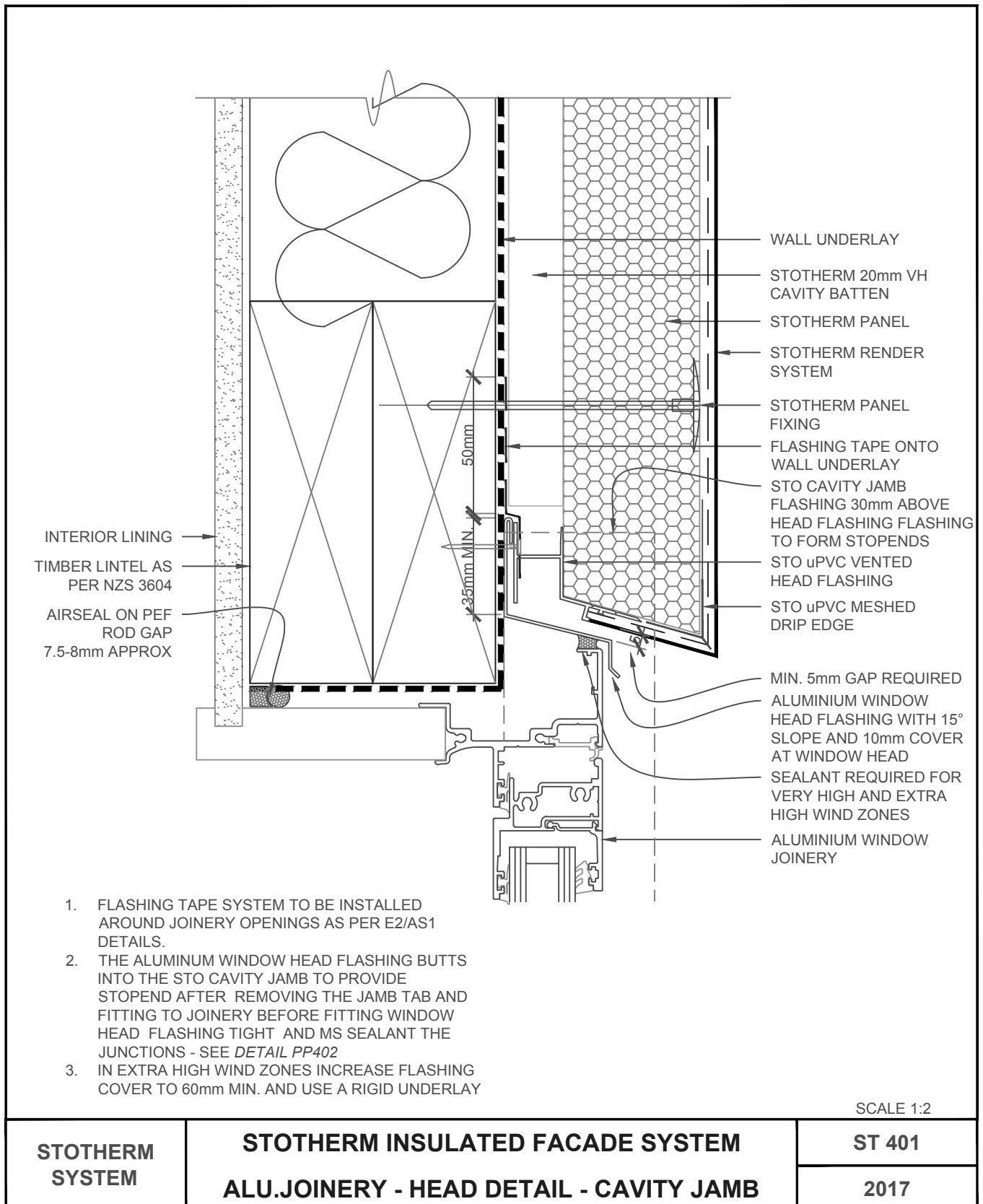


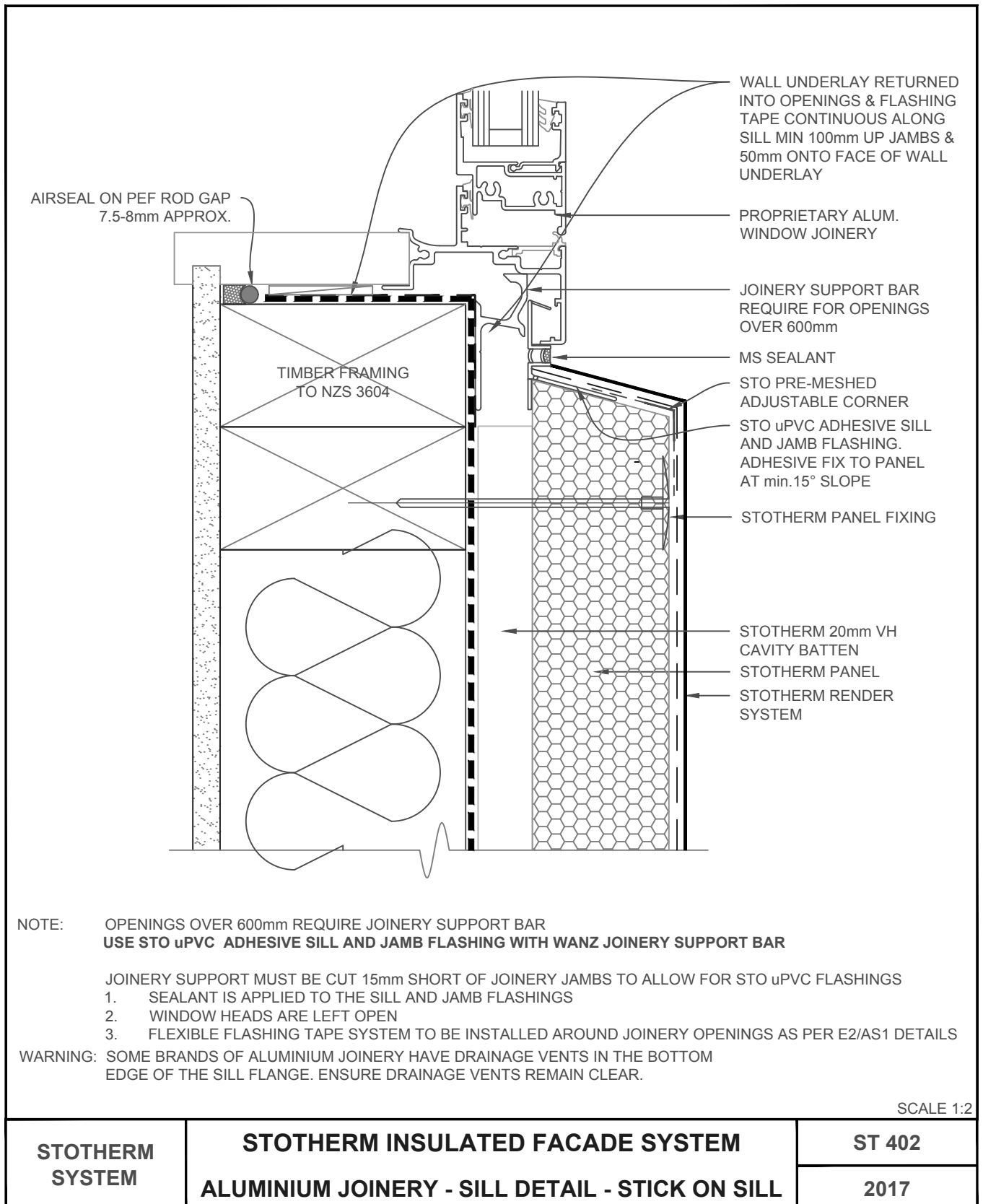
1. FLASHING TAPE SYSTEM TO BE INSTALLED AROUND JOINERY OPENINGS AS PER E2/AS1 DETAILS
2. STO UPVC CAVITY VENTED HEAD FLASHING CAN BE USED WHERE A RENDERED HEAD IS DETAILED - REFER *DWG PP 401*
3. IN EXTRA HIGH WIND ZONES INCREASE FLASHING COVER TO 60mm MIN. AND USE A RIGID UNDERLAY
4. 10mm MINIMUM HEAD FLASHING OR PROPRIETARY STOP ENDS REQUIRED

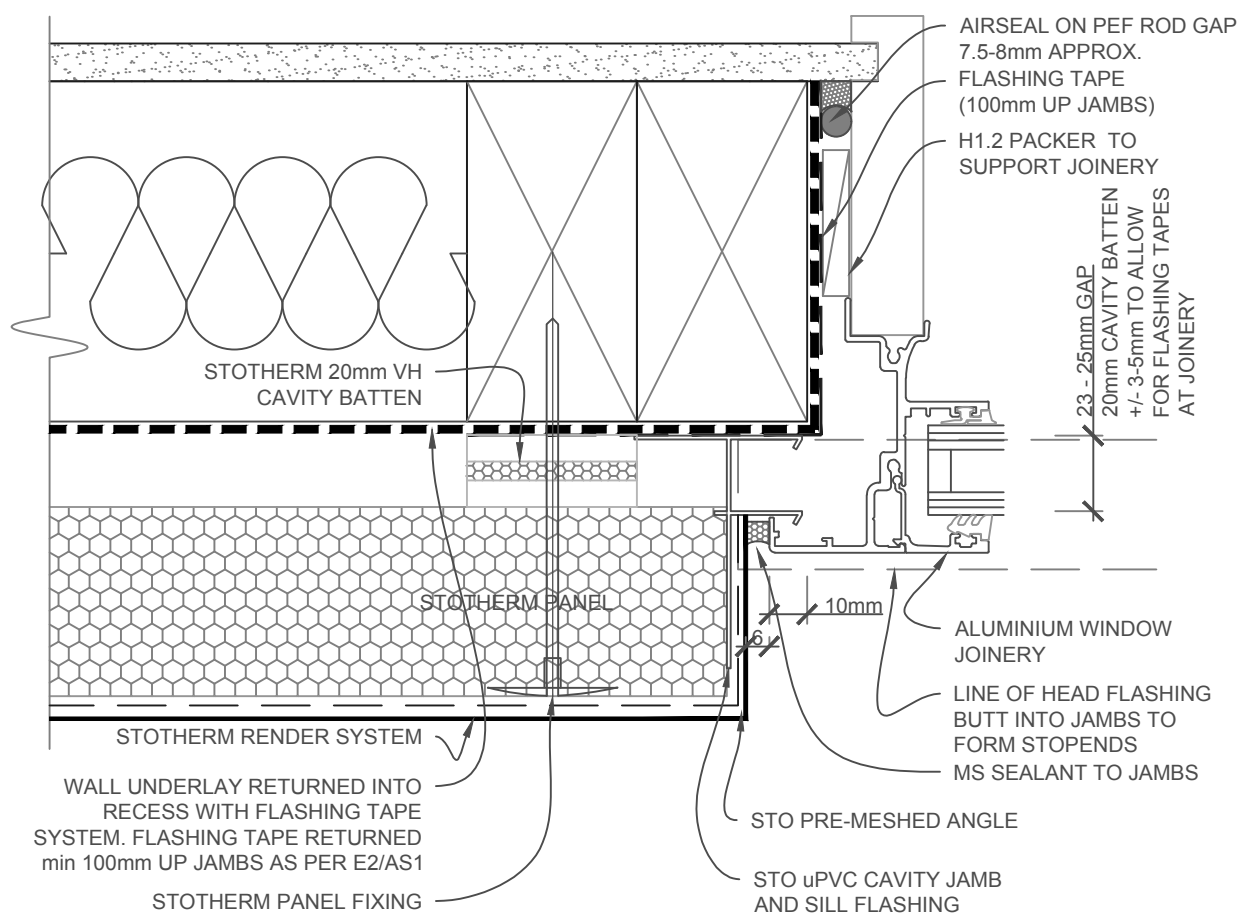
SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM ALU.JOINERY - HEAD DETAIL - STICK ON JAMB	ST 400
		2017

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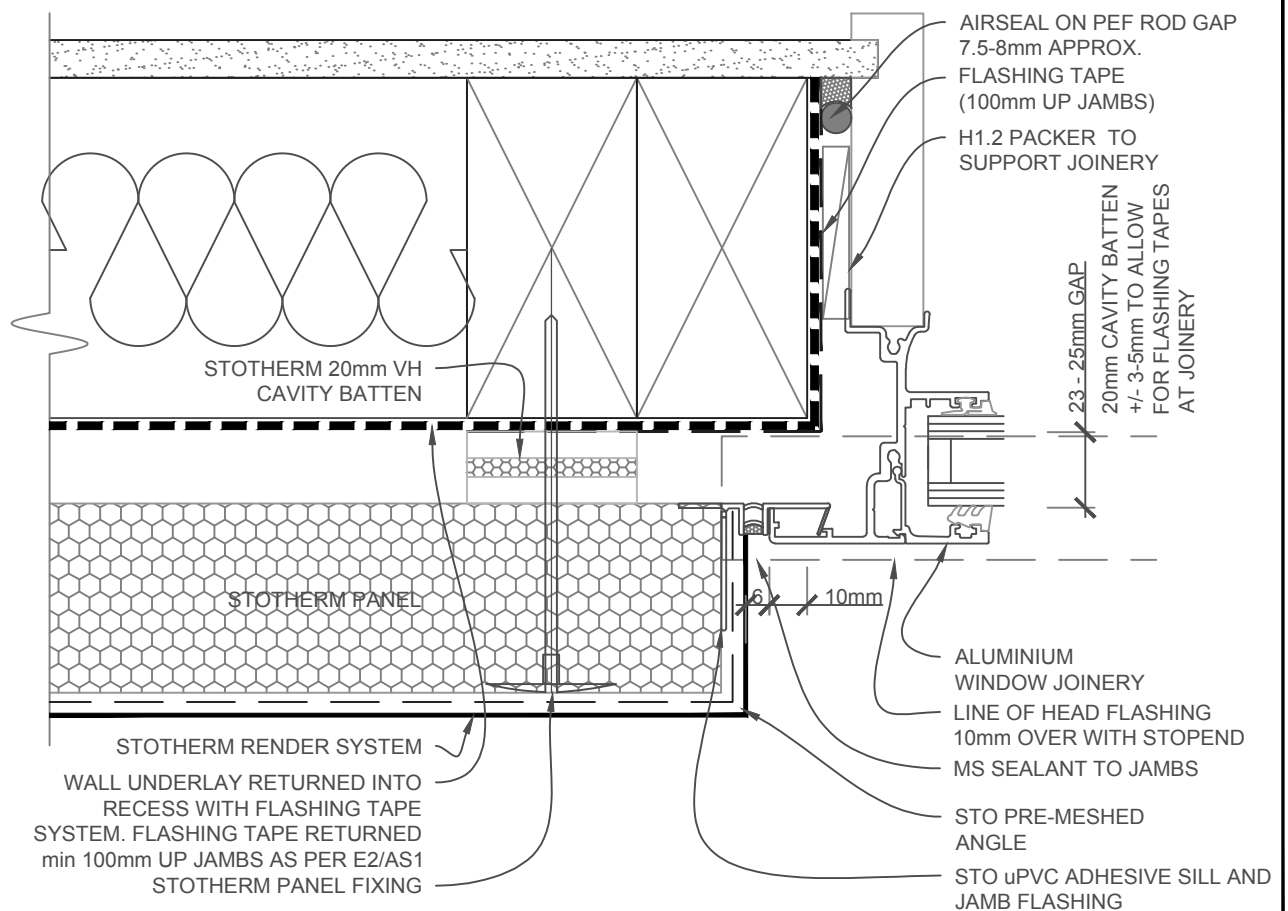




SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM ALU.JOINERY - JAMB DETAIL - STO uPVC CAVITY JAMB	ST 403
		2017

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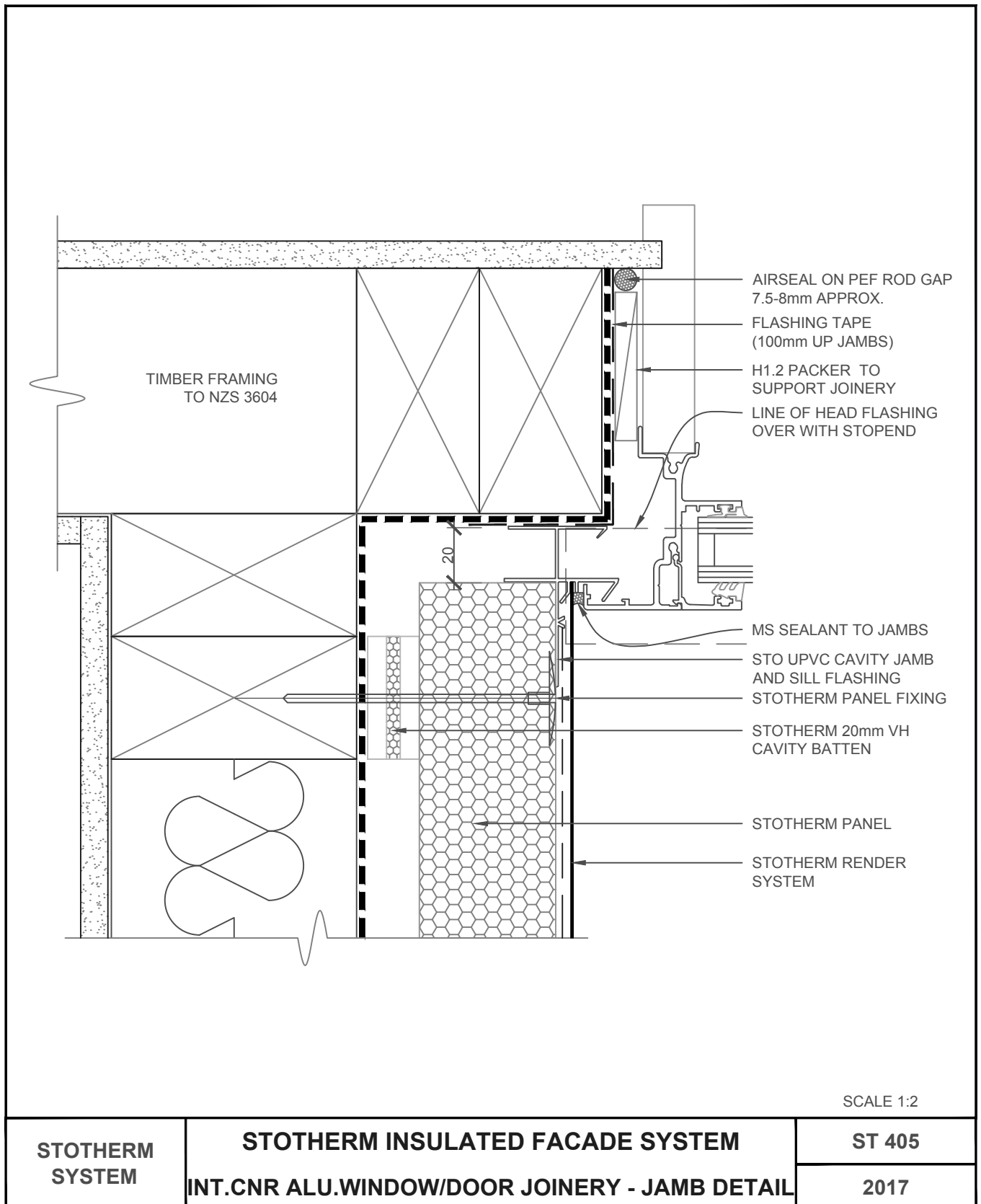


NOTE: INSTALL STOTHERM JOINERY FLASHINGS DURING STOTHERM PANEL CONSTRUCTION

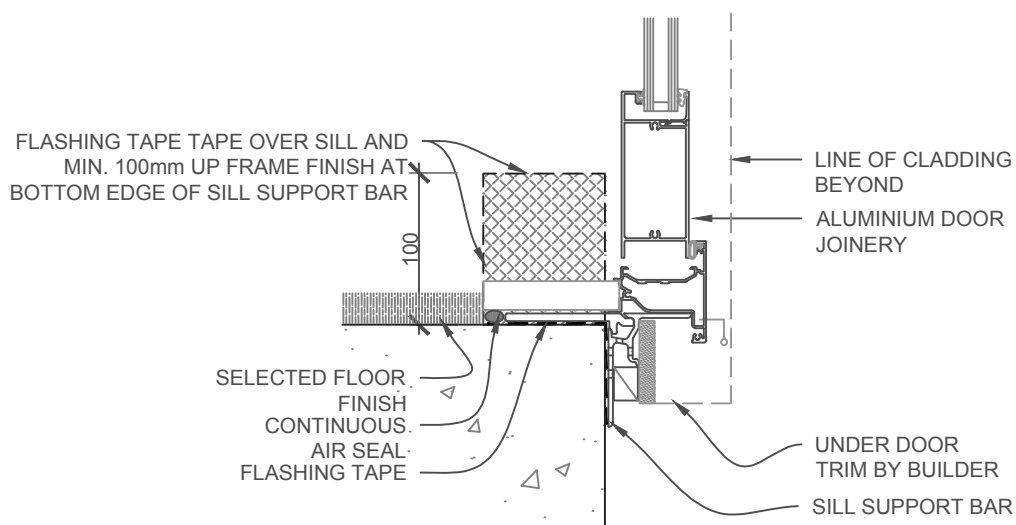
SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM ALU.JOINERY - JAMB DETAIL - STO uPVC STICK ON JAMB	ST 404
		2017

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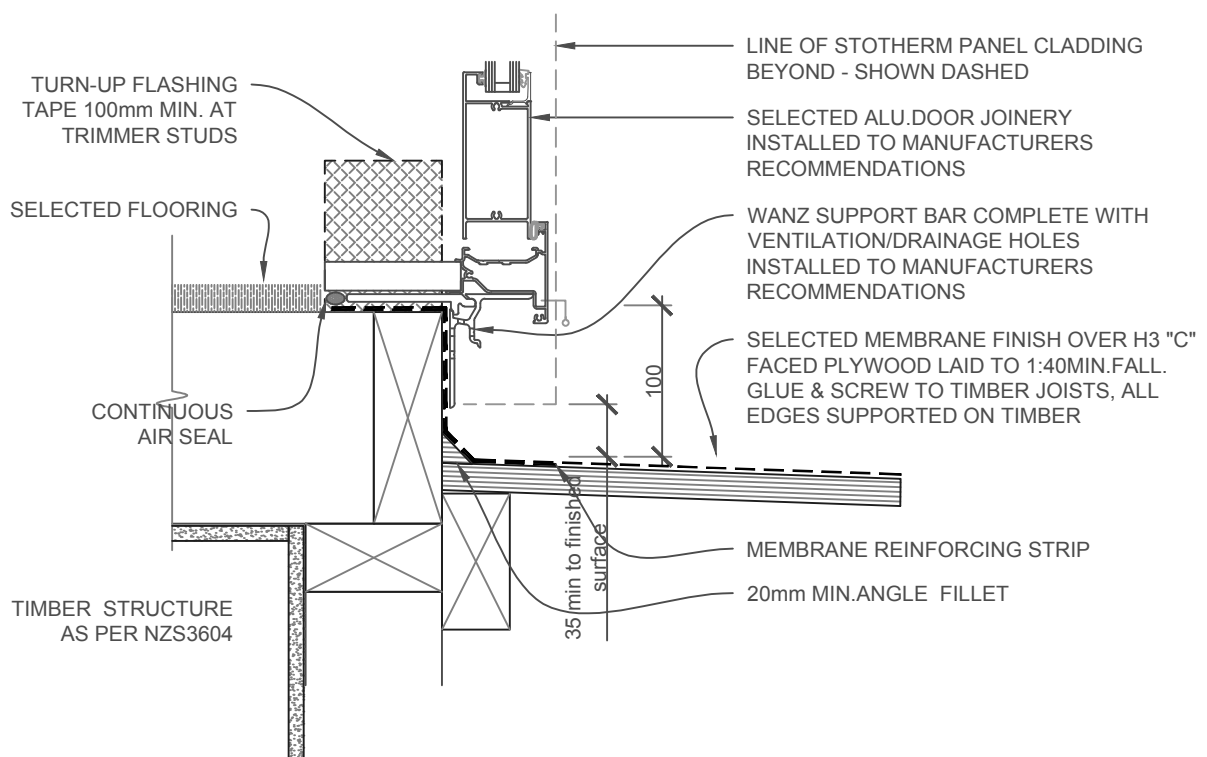


REFER TO E2/AS1 FIG. 17 A,B,C & D INCLUDING SECTION 9.1.10 .
GROUND LEVELS 150mm MIN.FROM TOP OF FINISHED FLOOR COVERING TO
PAVED GROUND

SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM ENTRY DOOR THRESHOLD DETAIL	ST 406
		2017

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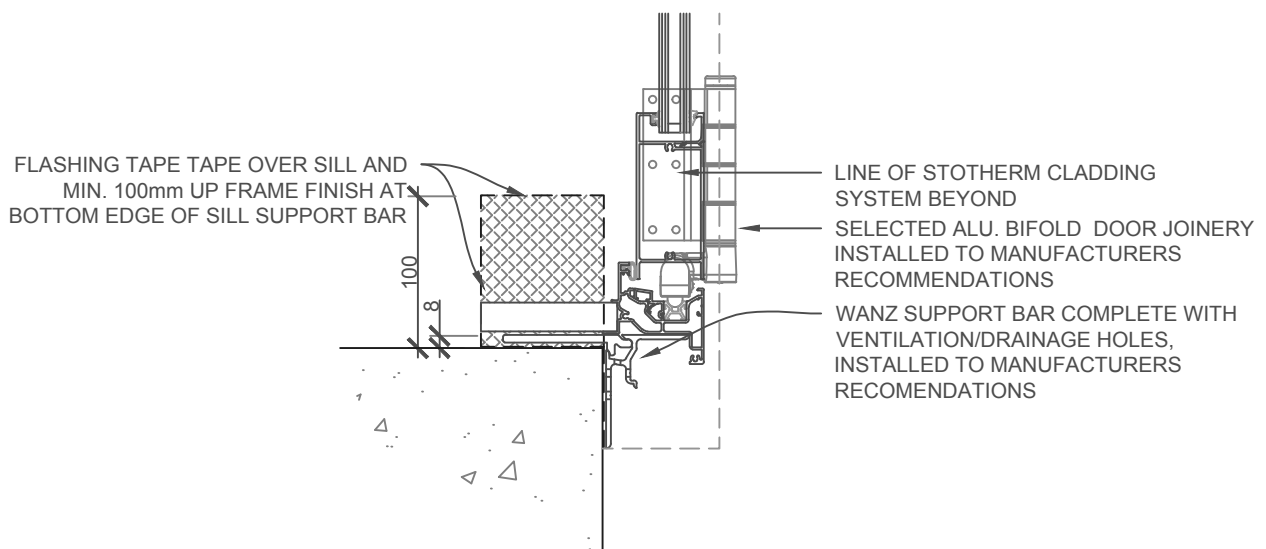
REFER TO E2/AS1 FIG. 17 A,B,C & D INCLUDING SECTION 9.1.10
MIN. THRESHOLD 100mm FROM FLOOR TO FINISHED DECK

NOTE: ADJUST 35mm TO ALLOW FOR SELECTED TILES AS REQUIRED, UNDER
DOOR TRIM BY BUILDER

SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM ENTRY DOOR/DECK THRESHOLD DETAIL	ST 407
		2017

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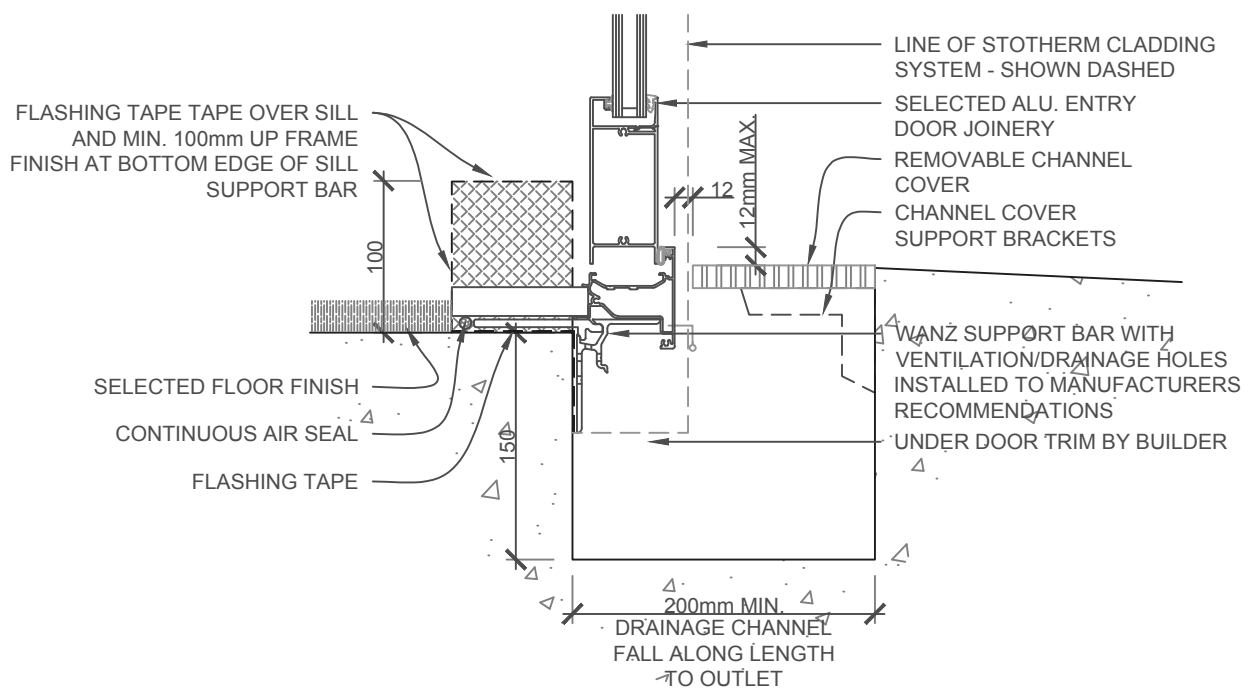


REFER TO E2/AS1 FIG. 17 A,B,C & D INCLUDING SECTION 9.1.10 .
150mm MIN. FROM TOP OF FFL COVERING TO PAVED GROUND

SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM BIFOLD DOOR/THRESHOLD DETAIL	ST 408
		2017

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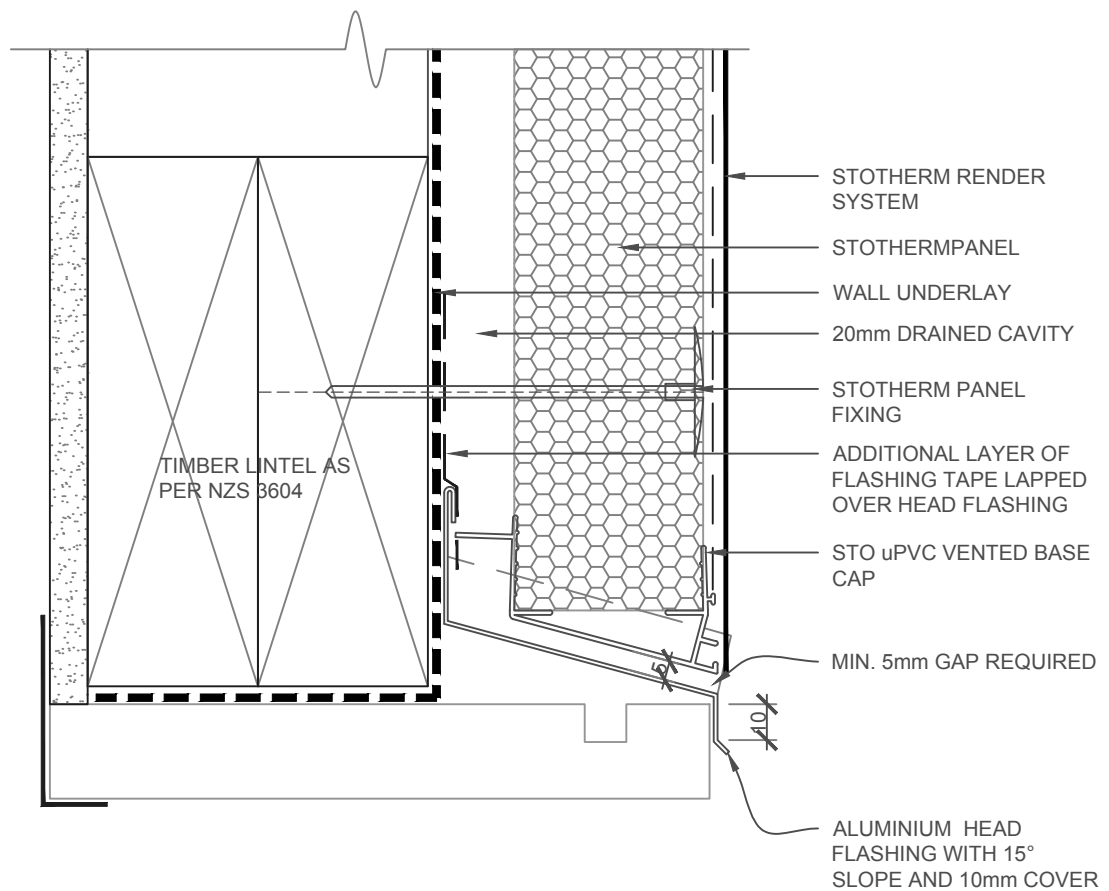


NOTE
REFER TO E2/AS1 FIG. 17 A,B,C & D INCLUDING SECTION 9.1.10

SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM LEVEL ENTRY THRESHOLD DETAIL	ST 409
		2017

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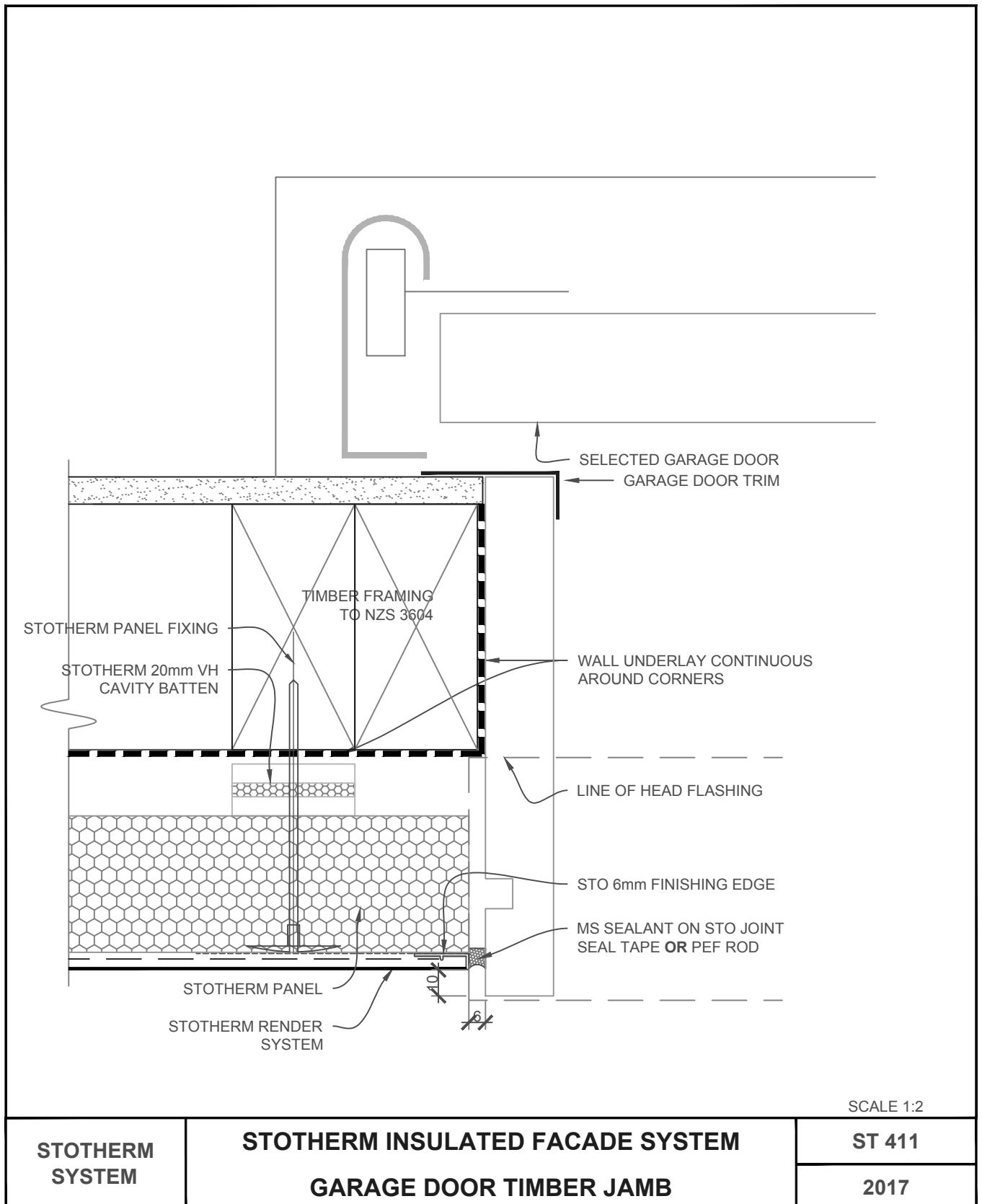


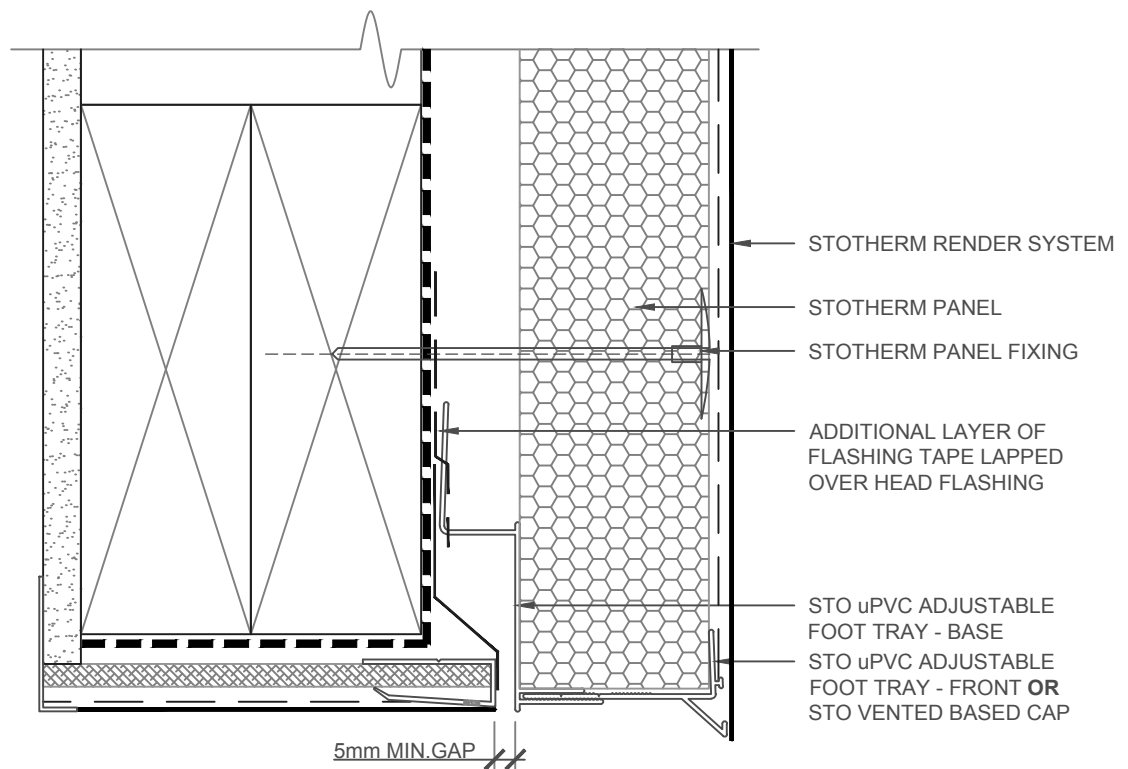
1. CHECK GARAGE DOOR SPECIFICATIONS FOR INTERNAL CORNER REQUIREMENTS
2. SEAL FLASHING FOR VERY HIGH or EXTRA HIGH WIND ZONES
3. IN EXTRA HIGH WIND ZONES INCREASE FLASHING COVER TO 60mm MIN. AND USE A RIGID UNDERLAY

SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM GARAGE DOOR - TIMBER HEAD	ST 410
		2017

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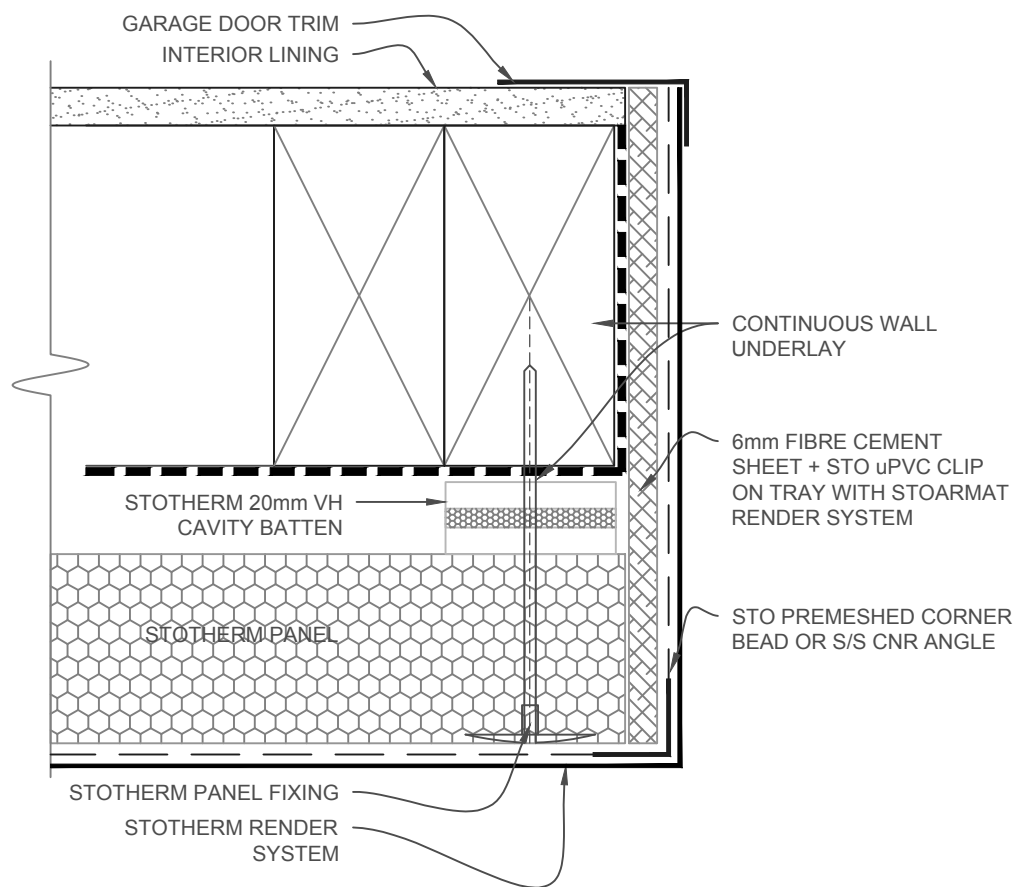


NOTE
USE STOARMAT RENDER ON 6mm FIBRE CEMENT & STO uPVC CLIP ON TRAY AND E2/AS1 COMPLIANT FLASHING IN CAVITY

SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM GARAGE DOOR -RENDERED HEAD DETAIL	ST 412
		2017

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NOTE:
CHECK GARAGE DOOR SPECIFICATIONS
FOR INTERNAL CORNER REQUIREMENTS

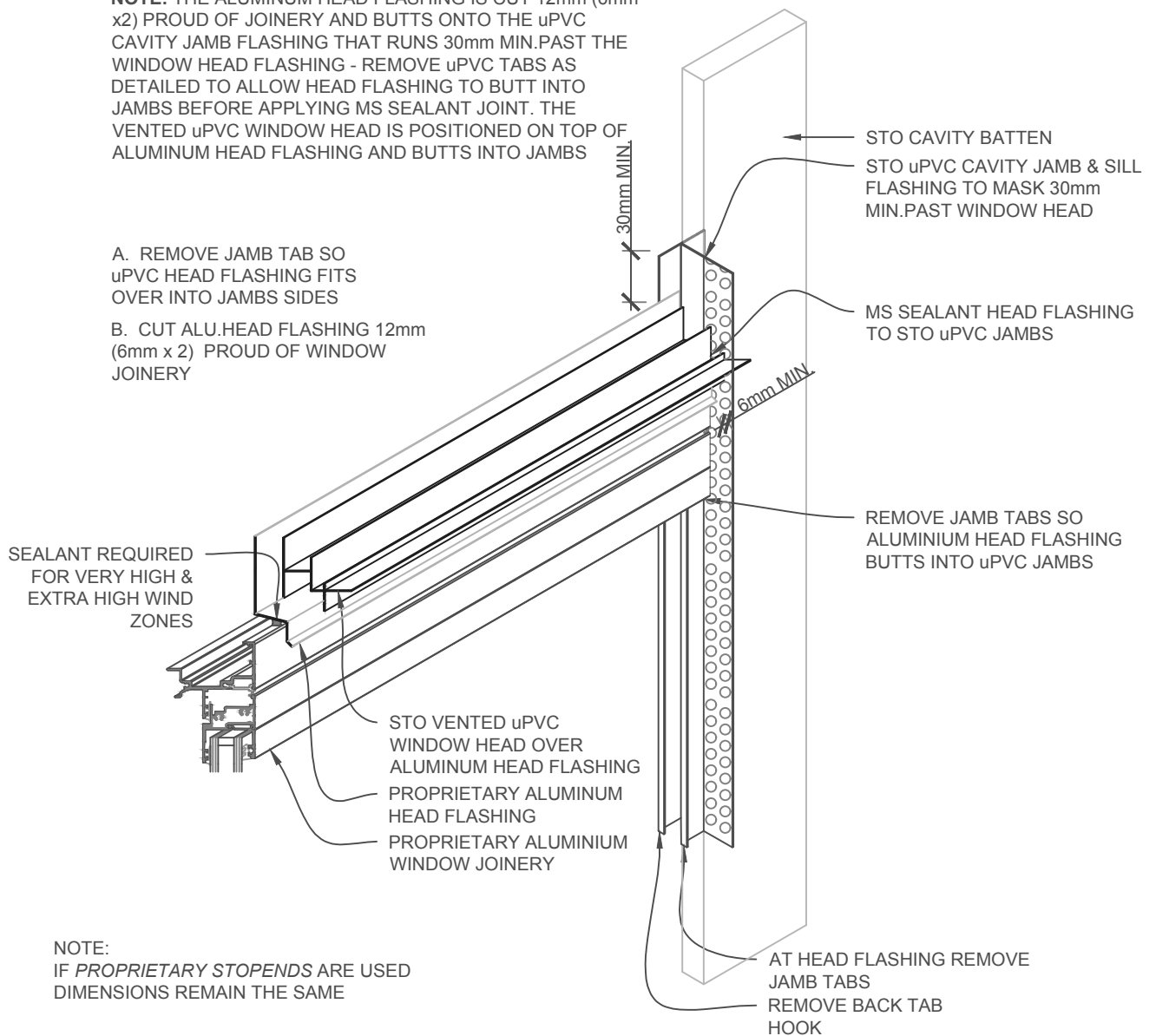
SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM GARAGE DOOR - RENDERED JAMB DETAIL	ST 413
		2017

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NOTE: THE ALUMINUM HEAD FLASHING IS CUT 12mm (6mm x2) PROUD OF JOINERY AND BUTTS ONTO THE uPVC CAVITY JAMB FLASHING THAT RUNS 30mm MIN. PAST THE WINDOW HEAD FLASHING - REMOVE uPVC TABS AS DETAILED TO ALLOW HEAD FLASHING TO BUTT INTO JAMBS BEFORE APPLYING MS SEALANT JOINT. THE VENTED uPVC WINDOW HEAD IS POSITIONED ON TOP OF ALUMINUM HEAD FLASHING AND BUTTS INTO JAMBS

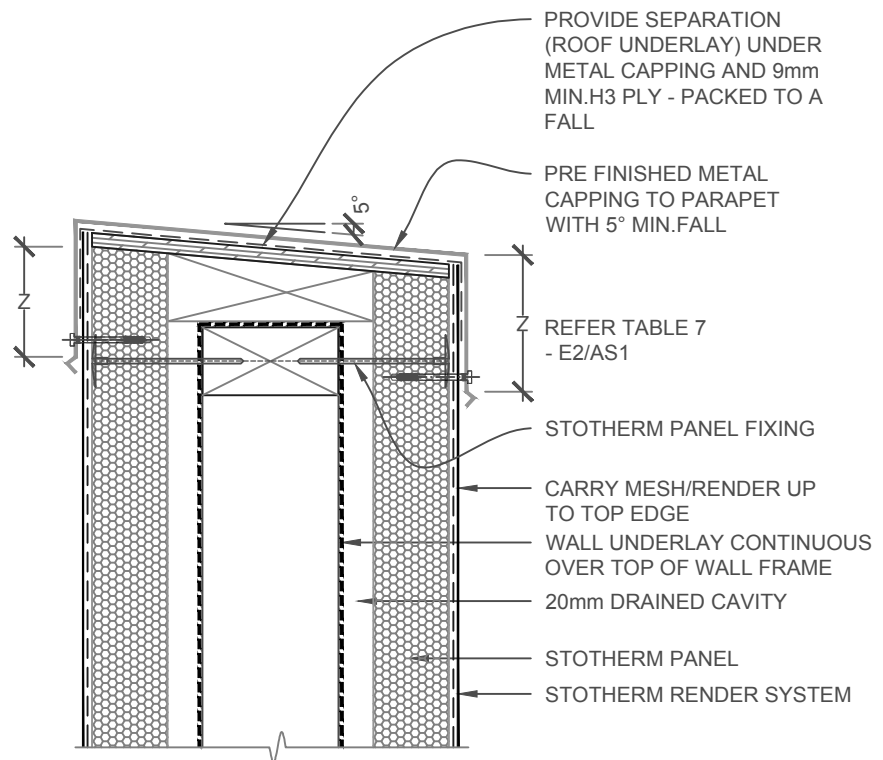
- A. REMOVE JAMB TAB SO uPVC HEAD FLASHING FITS OVER INTO JAMBS SIDES
B. CUT ALU. HEAD FLASHING 12mm (6mm x 2) PROUD OF WINDOW JOINERY



NOTE:
IF PROPRIETARY STOPENDS ARE USED
DIMENSIONS REMAIN THE SAME

SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM STO uPVC HEAD & JAMB JOINERY - ISOMETRIC	ST 414
		2017

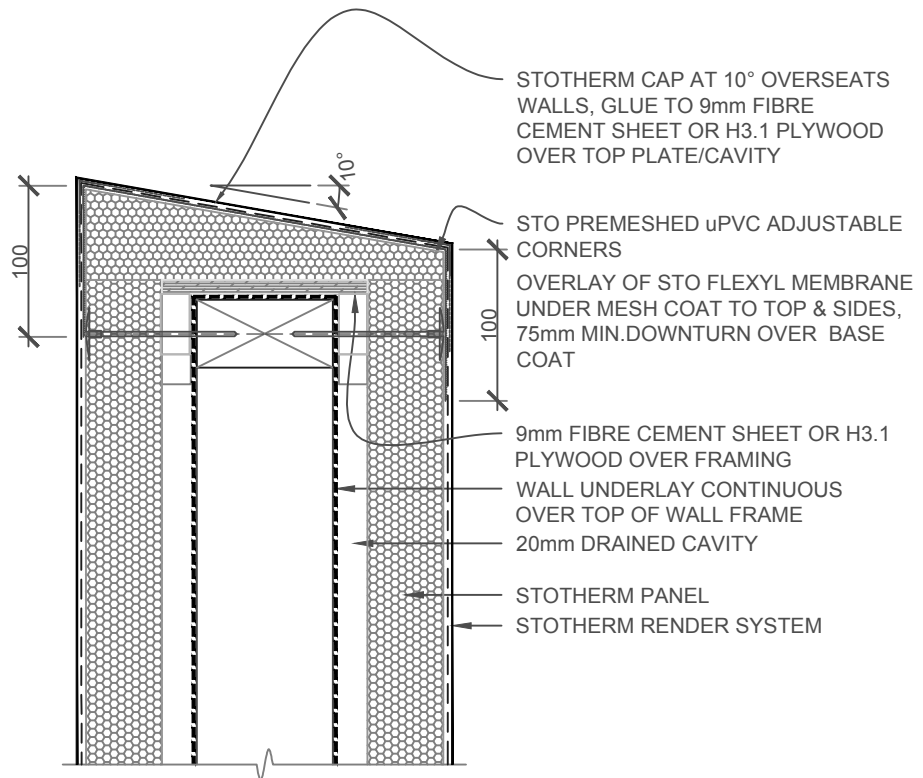


1. INSTALL METAL SADDLE FLASHING AT WALL JUNCTION
2. ENSURE TOP IS TEMPORARILY WATERPROOFED BEFORE COMMENCING RENDERING
3. METAL CAPPING EXCLUDING DRIP EDGE MUST OVERLAP SHEET BY
50mm MIN.IN LOW, MED or HIGH WIND ZONE,
70mm MIN.IN VERY HIGH,
90mm MIN.IN EXTRA HIGH WIND ZONES

SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM PARAPET METAL FLASHING DETAIL	ST 500
		2017

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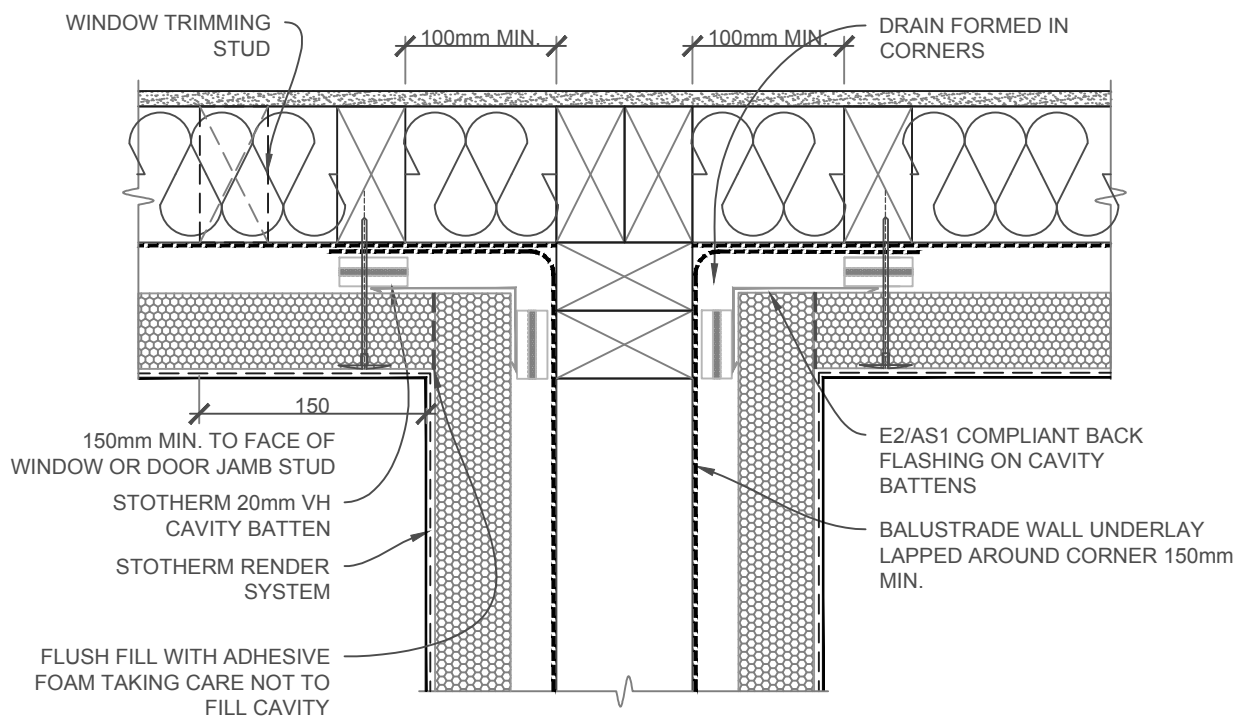


NOTE:
STO FLEXYL MESHED WATERPROOFING MEMBRANE HAS BEEN TESTED BY **BRANZ** TO MEET THE REQUIREMENTS OF **AS/NZS4858** AS REQUIRED BY **E2/AS1**

EXTRA HIGH WIND ZONES REQUIRE A RIGID UNDERLAY. WITH FLASHING TAPED TO RIGID UNDERLAY

SCALE 1:5

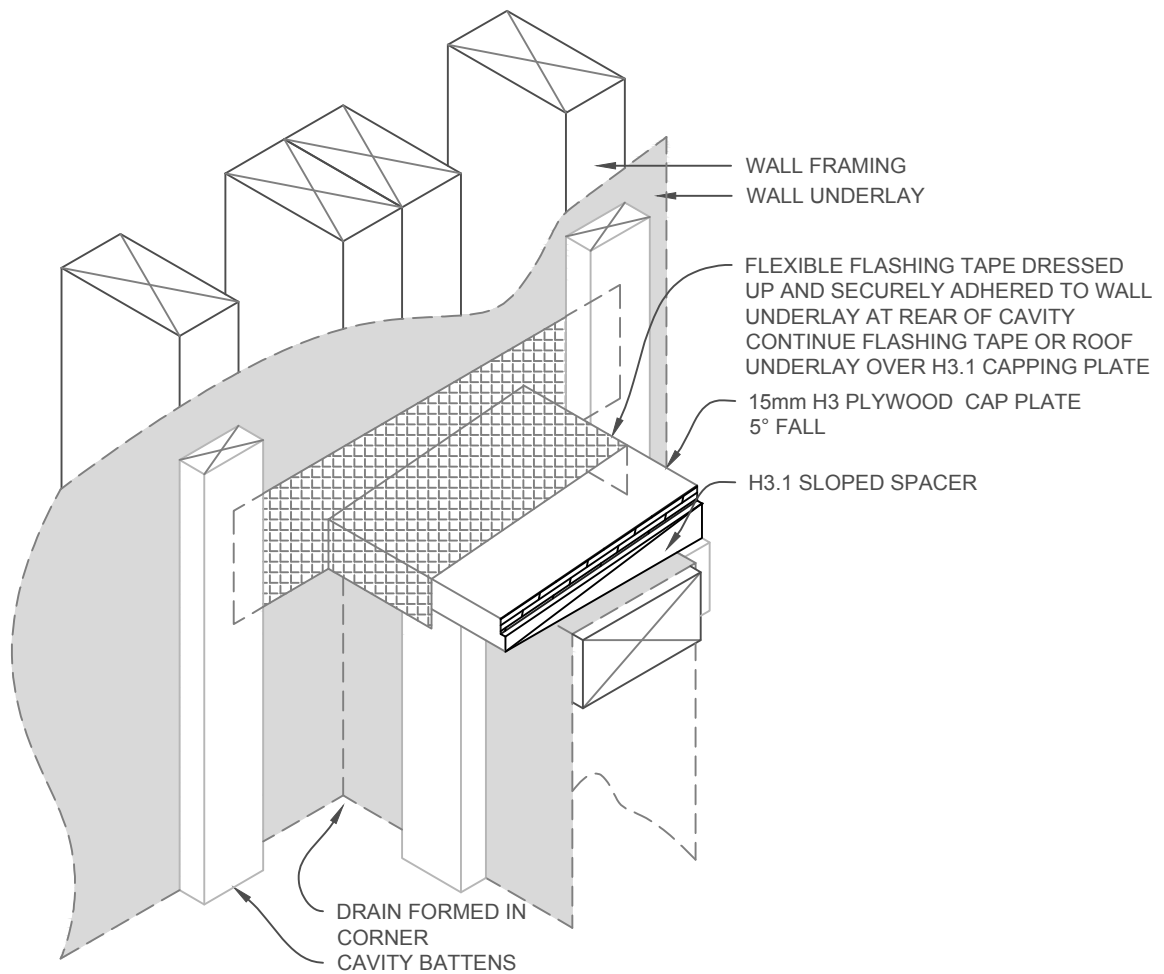
STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM RENDERED PARAPET/BALUSTRADE DETAIL	ST 501
		2017



SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM PARAPET and/or ENCL.BALUSTRADE WALL JUNCTION - PLAN	ST 502
		2017

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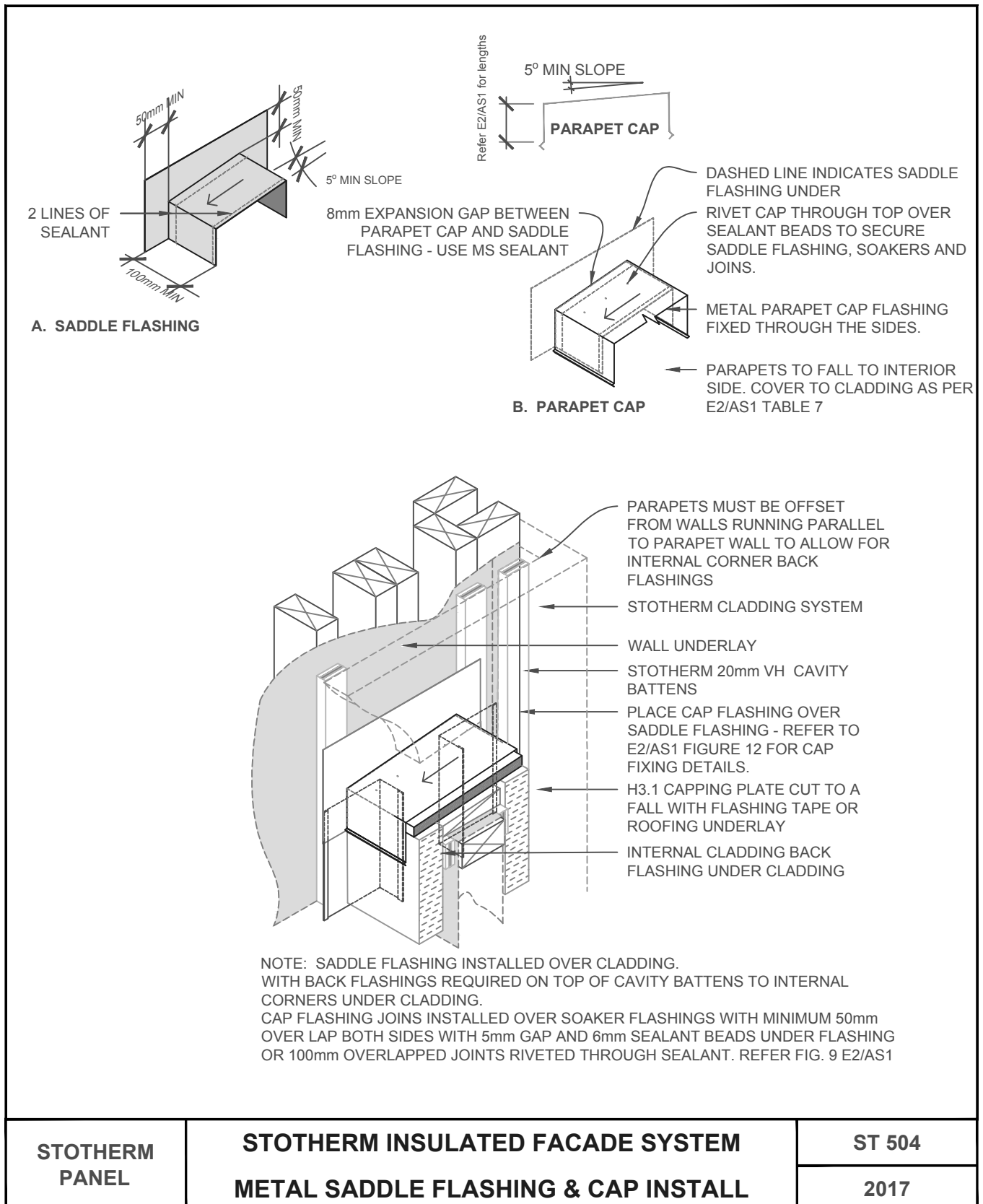


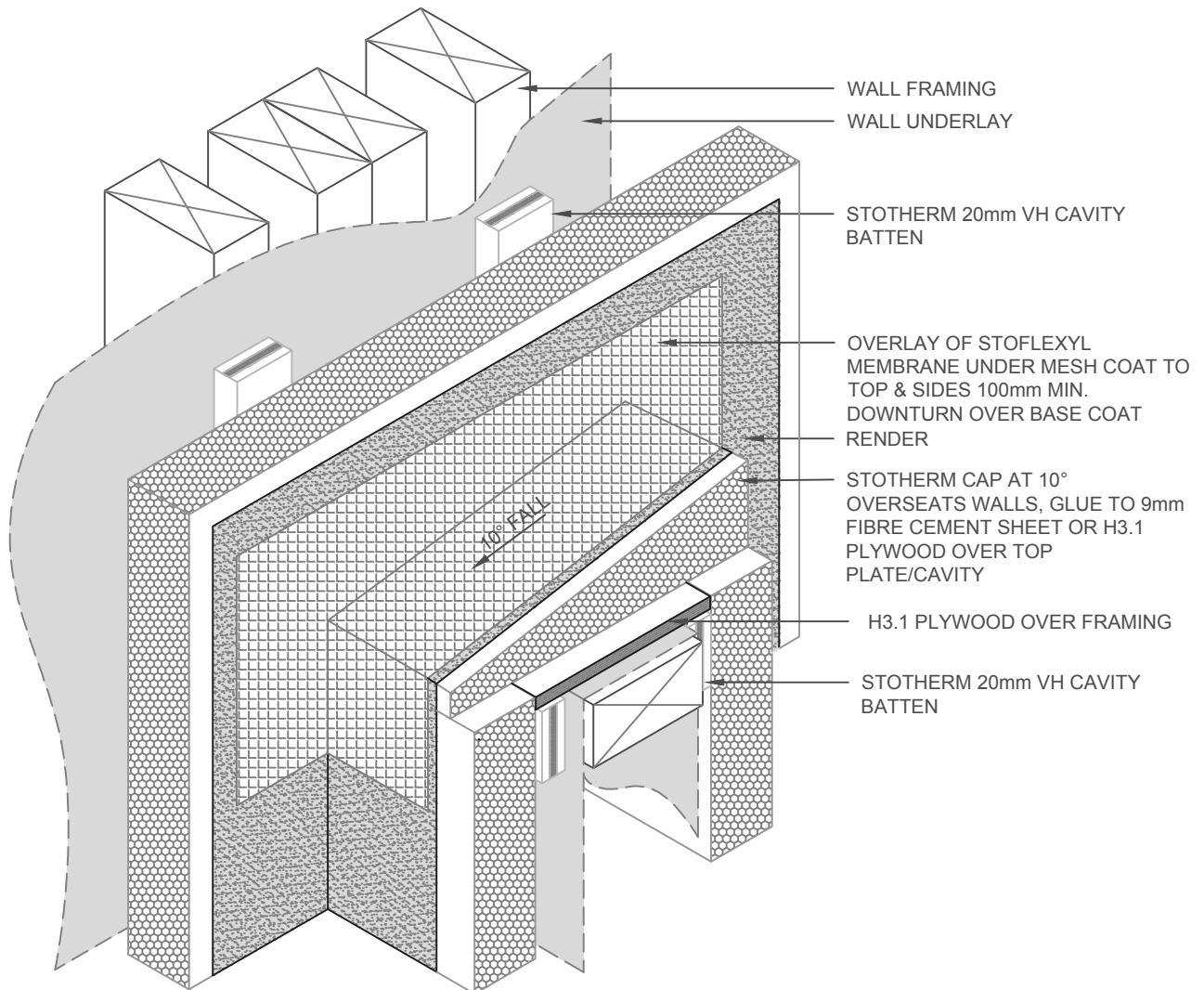
NOTE:
E2/AS1 COMPLIANT BACK FLASHING REQUIRED ON TOP OF
BATTENS IN CORNER TO COVER PANEL JOINT. SEE DETAIL 502

SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM FLEXIBLE FLASHING TAPE INSTALL - ISOMETRIC	ST 503
		2017

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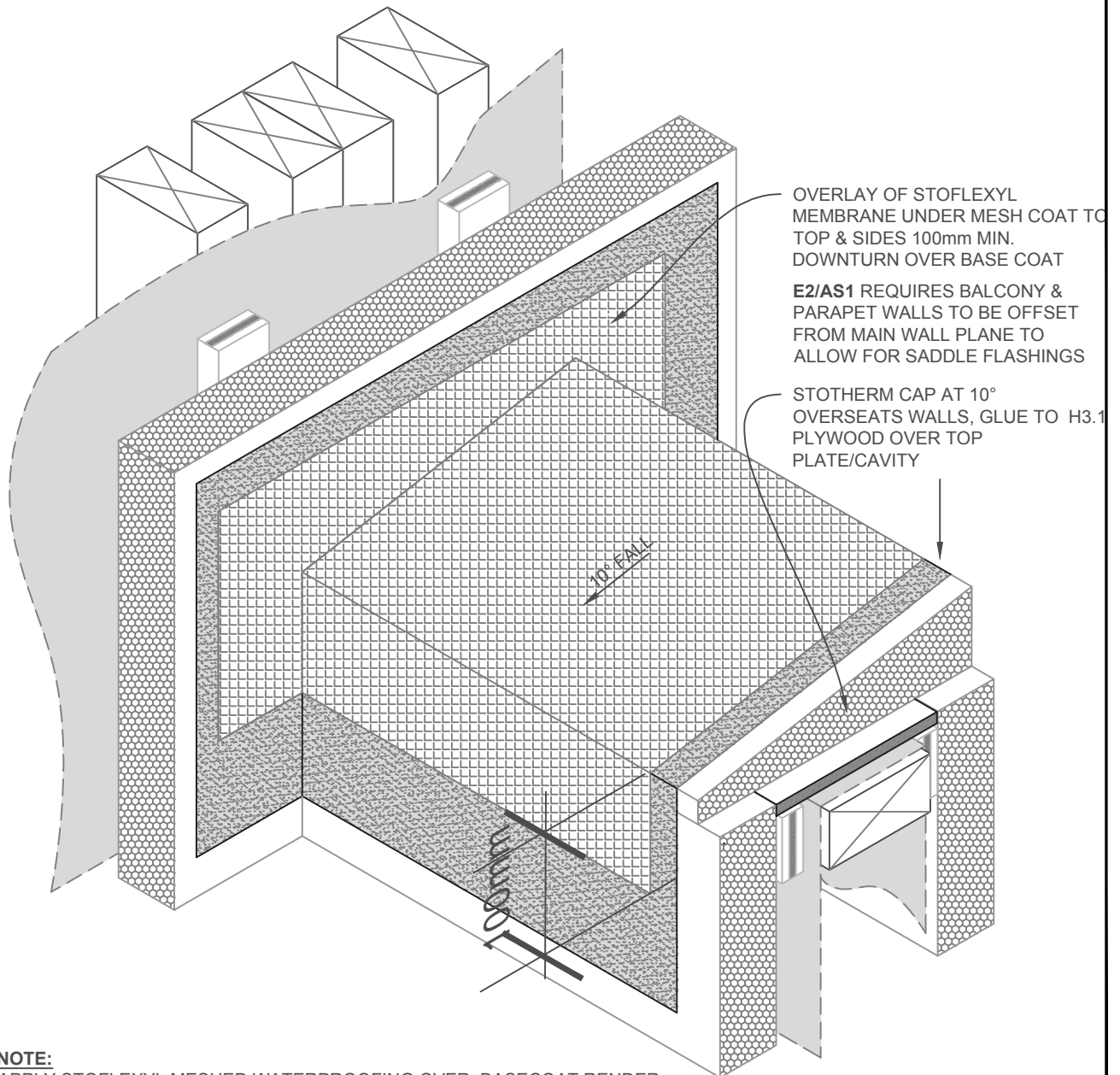
NOTE:

APPLY STOFLEXYL MESHED WATERPROOFING OVER BASECOAT RENDER.
STOFLEXYL MESHED WATERPROOFING HAS BEEN TESTED BY **BRANZ** TO MEET THE REQUIREMENTS OF **AS/NZS4858** FOR A WATERPROOFING MEMBRANE AS REQUIRED BY **E2/AS1**

SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM STOFLEXYL MESHED SADDLE FLASHING - ISOMETRIC	ST 505
		2017

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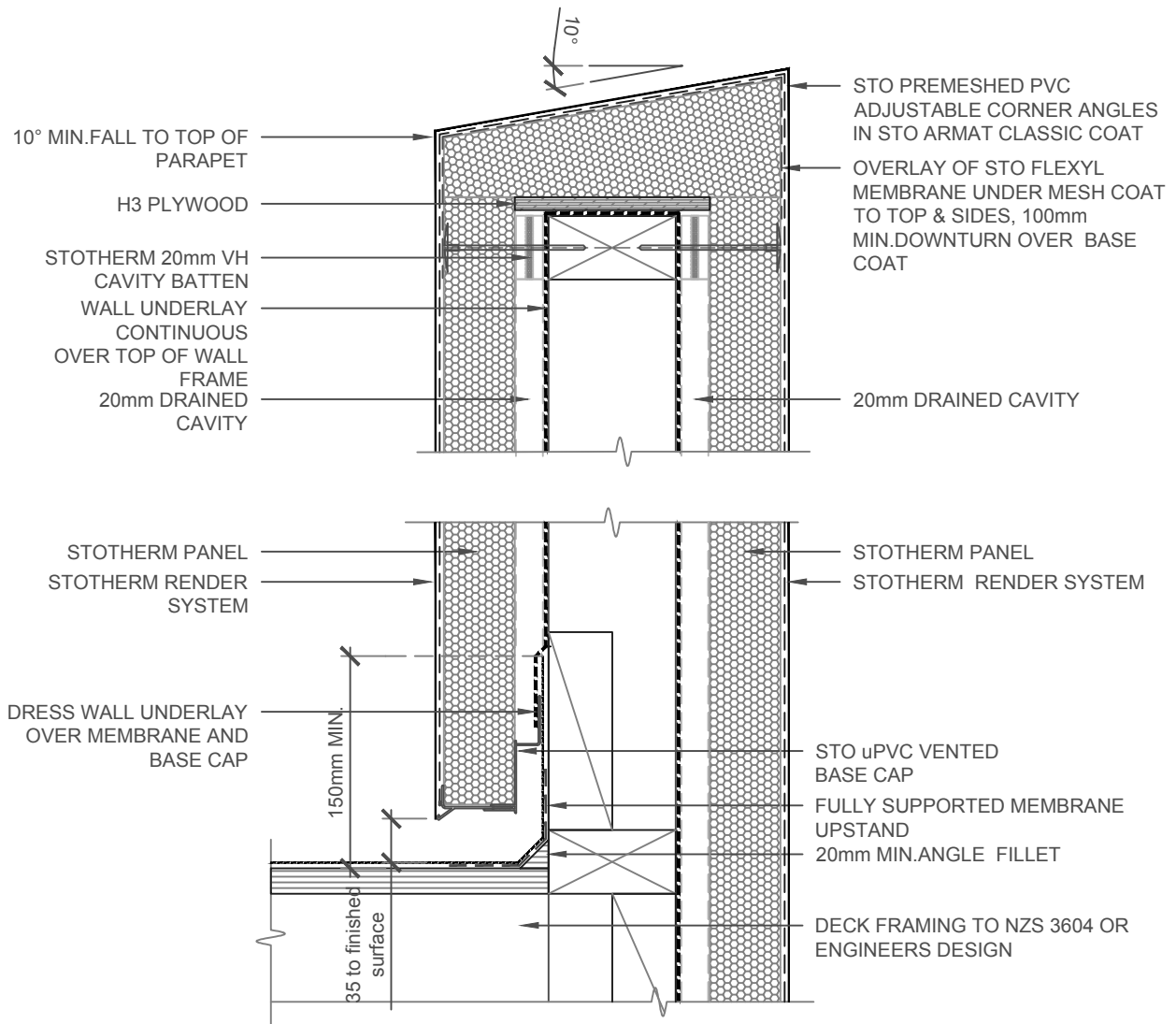


NOTE:
 APPLY STOFLEXYL MESHED WATERPROOFING OVER BASECOAT RENDER
 STOFLEXYL MESHED WATERPROOFING HAS BEEN TESTED BY **BRANZ** TO MEET THE REQUIREMENTS OF **AS/NZS4858** FOR A WATERPROOFING MEMBRANE AS REQUIRED BY **E2/AS1**

SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM STOFLEXYL MESHED WATERPROOFING CAP - ISOMETRIC	ST 506
		2017

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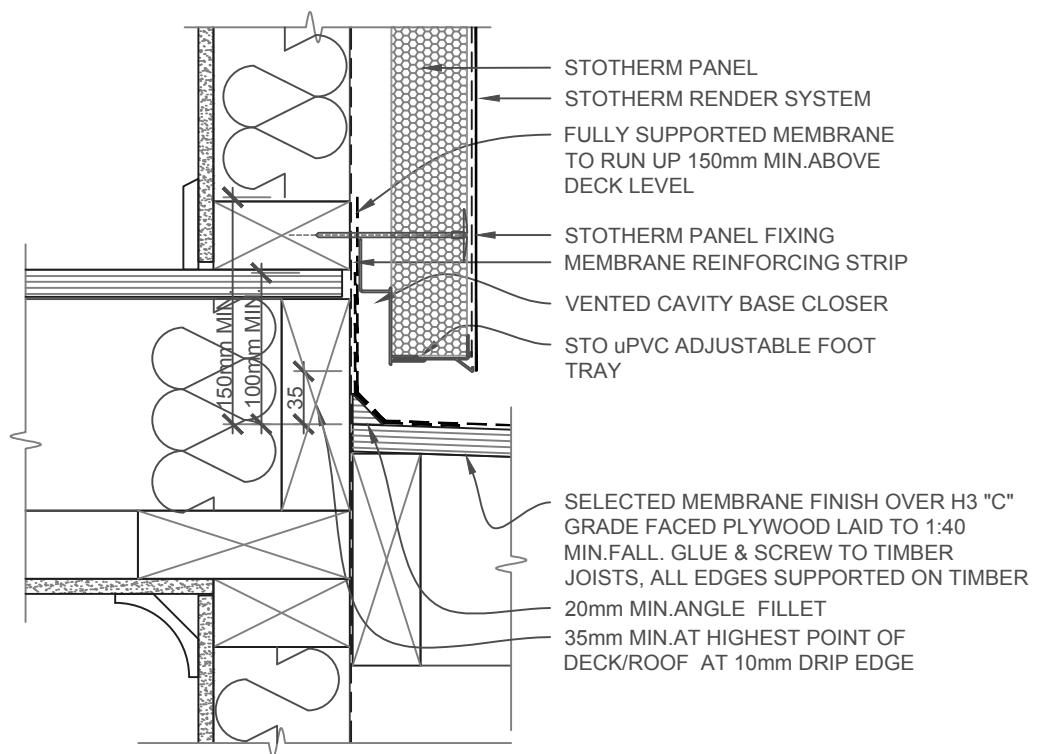


NOTE:

HANDRAIL REQUIRED WHERE BALUSTRADE IS UNDER 1000mm
ALLOW EXTRA CLADDING CLEARANCE TO DECK AND INCREASE
MEMBRANE UPSTAND WHERE TILING ANTICIPATED

SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM BALUSTRADE/ENCLOSED DECK DETAIL	ST 507
		2017



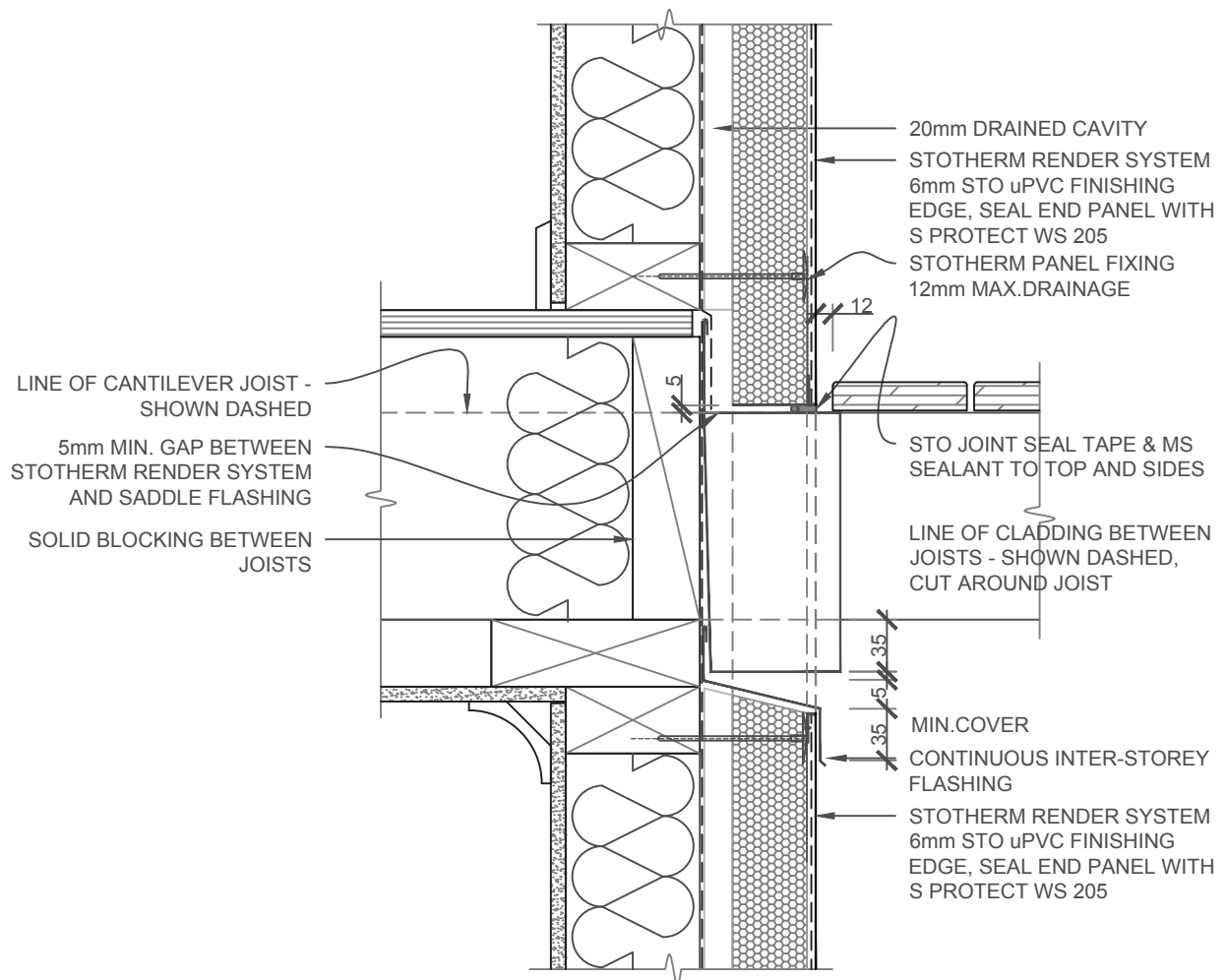
NOTE:

- 100mm MIN. FROM FLOOR LEVEL FOR ENCLOSED DECKS
- MIN.FALLS: 1:40 FOR DECKS, 1:30 FOR ROOFS & 1:100 FOR GUTTERS
- ALLOW FOR TILES IF REQUIRED
- MAINTAIN CLEARANCES AND UPSTANDS FOR TILES

SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM ENCLOSED DECK DETAIL	ST 508
		2017

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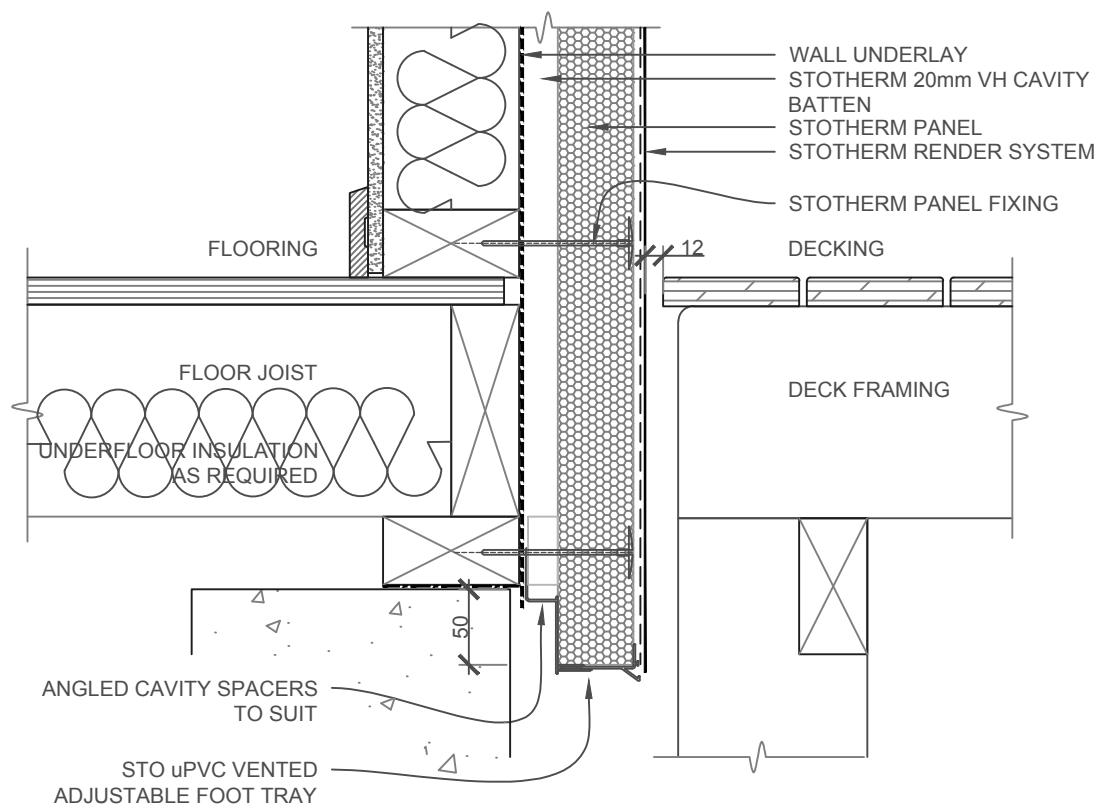


NOTE:

REFER E2/AS1 Fig.16 FOR FLASHING REQUIREMENTS. PROVIDE 6-8mm
WIDE SEALANT JOINT AT CLADDING/SADDLE FLASHING JUNCTION.

50mm MIN. SET DOWN FROM FLOOR OR THRESHOLD FOR
CANTILEVERED SLATTED DECKS

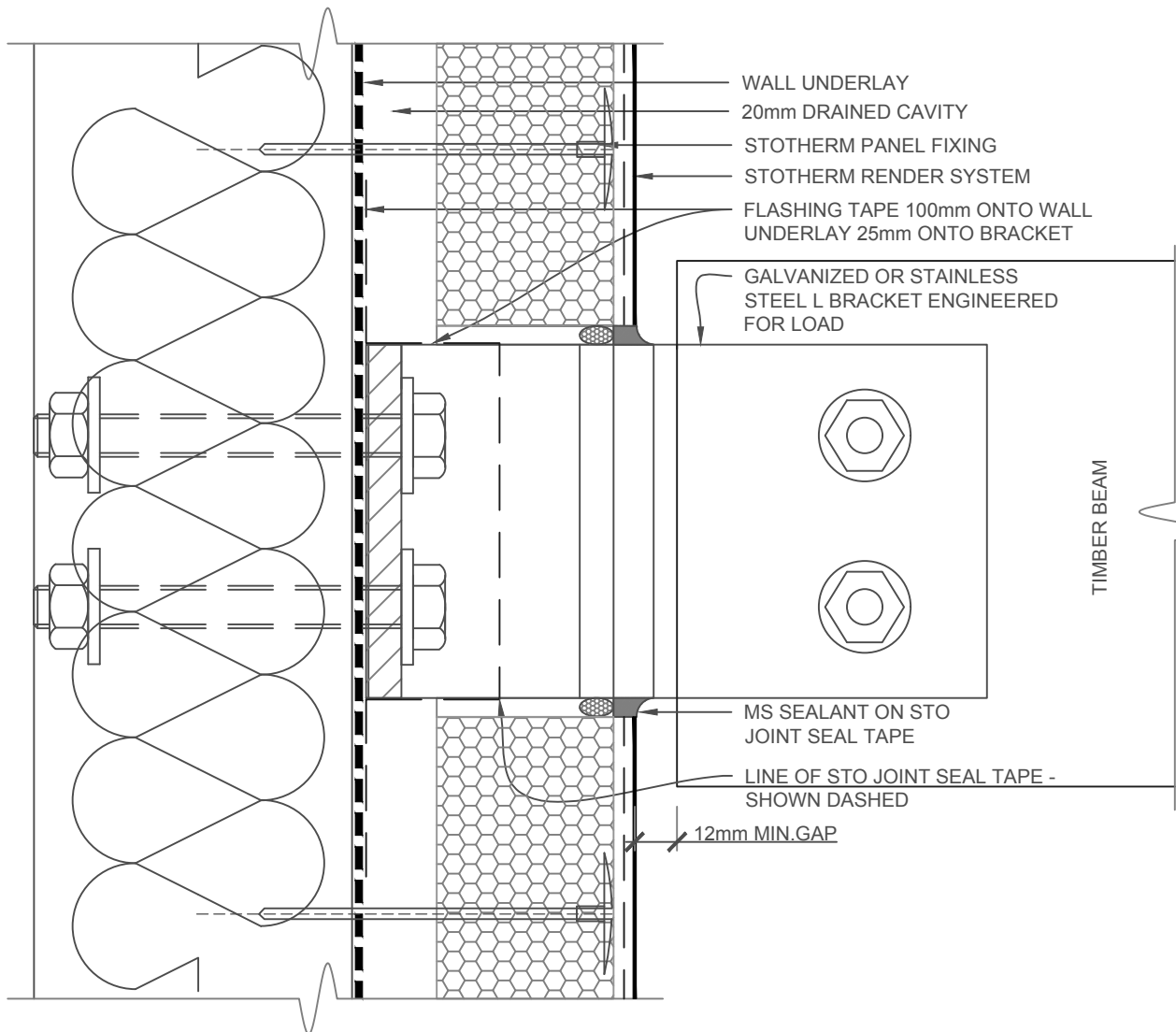
STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM CANTILEVERED SLATTED DECK	ST 509
		2017



SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM NON CANTILEVERED SLATTED DECK	ST 510
		2017

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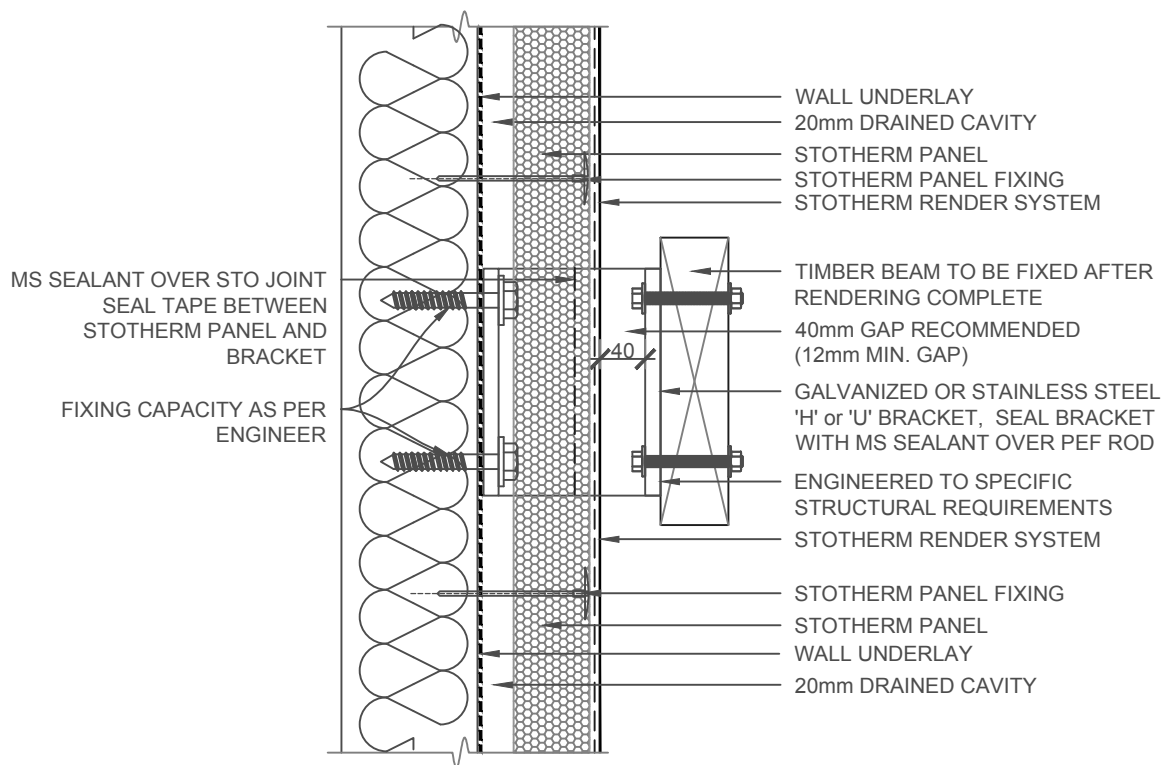


NOTE: 'L' BRACKET ENGINEERED FOR LOAD. FLASHING TAPE TO BUILDING UNDERLAY IN ACCORDANCE WITH E2/AS1 FIG. 68

SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM TIMBER BEAM / PERGOLA DETAIL	ST 511
		2017

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NOTE: INSTALL FLASHING TAPE OVER BRACKET ONTO BUILDING UNDERLAY AS PER E2/AS1
fig 68, ALSO REFER TO DETAIL 510

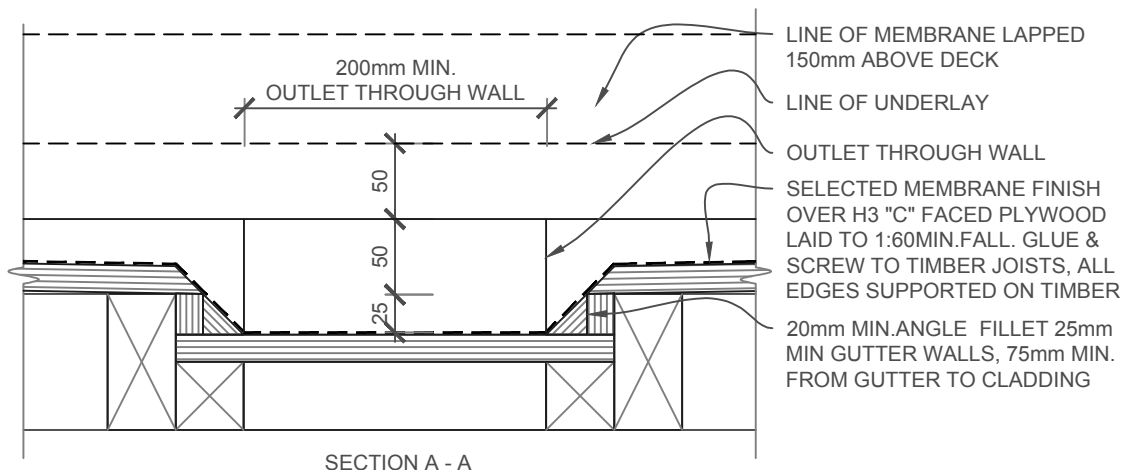
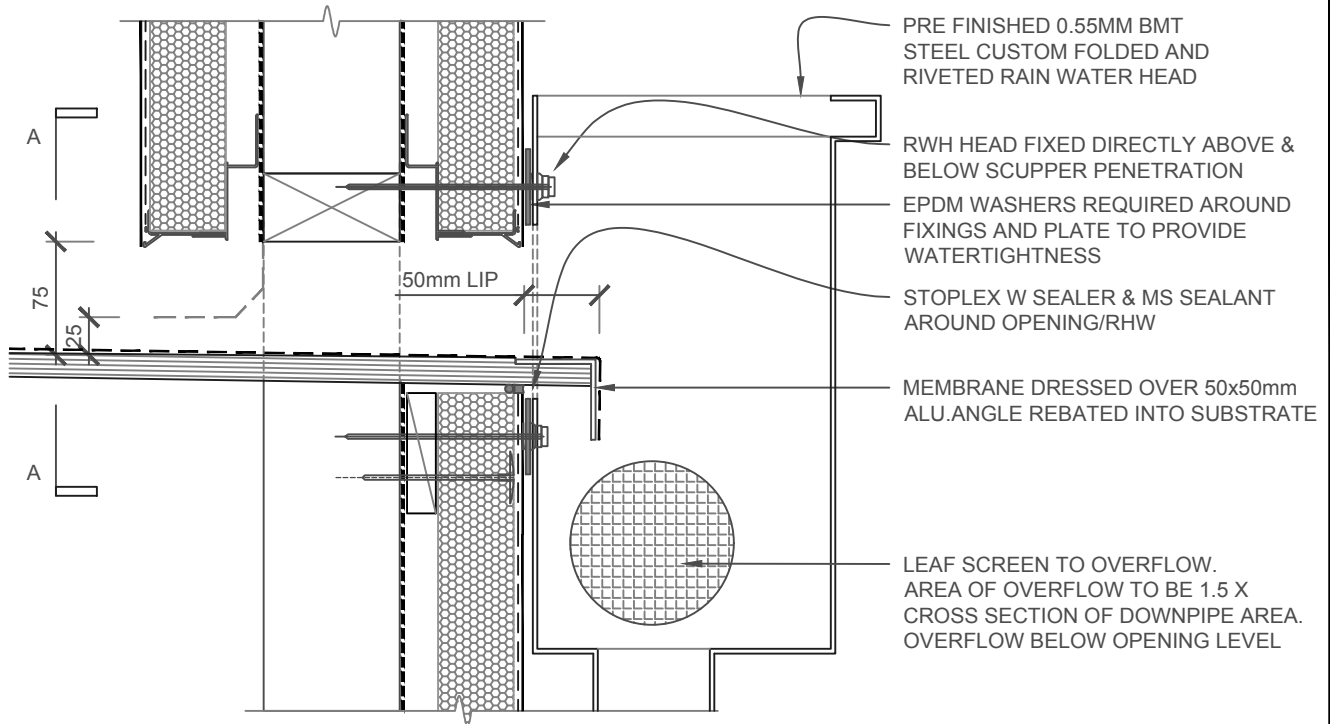
MANUFACTURED GALVANIZED STEEL 'H' OR 'U' BRACKET FOR PARALLEL JOISTS OR
USE 'L' BRACKET FOR RIGHT ANGLE CONNECTIONS

INSTALL DECK JOIST AFTER CLADDING IS FINISH RENDERED
40mm GAP RECOMMENDED FOR FIXINGS AND RENDERING

SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM PARALLEL DECK JOIST BRACKET	ST 512
		2017

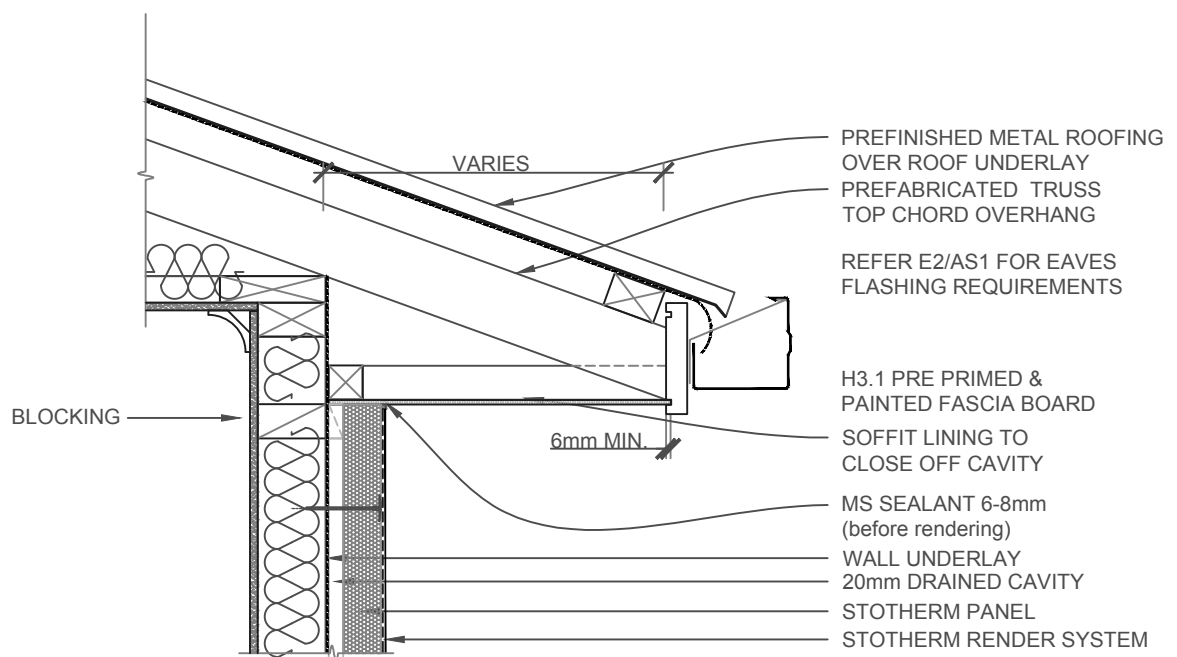
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SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM RWH/SCUPPER OPENING	ST 513
		2017

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NOTE:

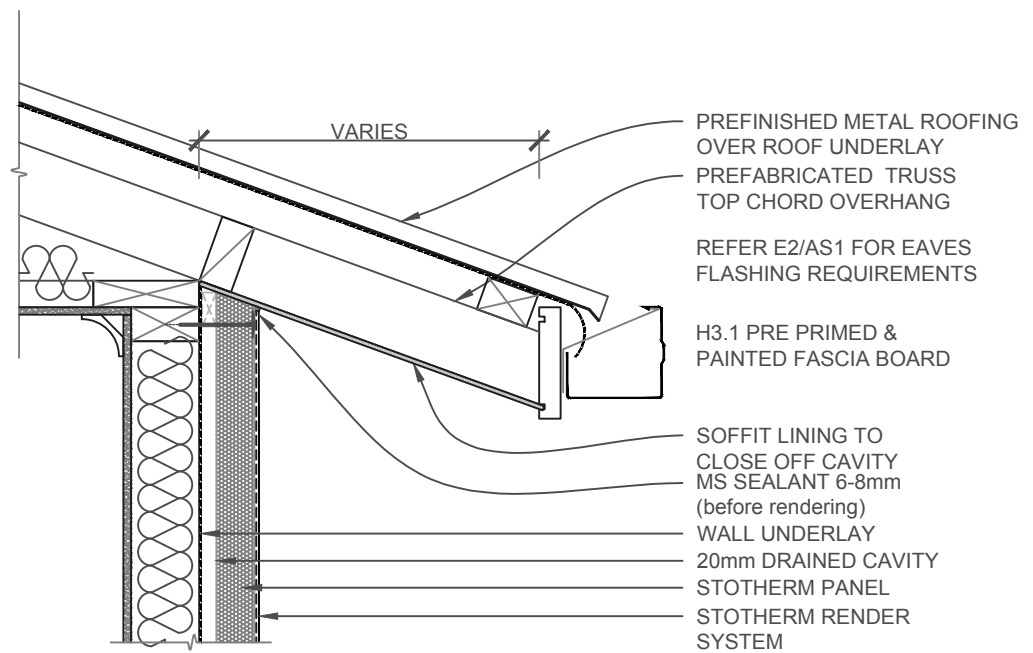
IF BLOCKING IS MISSING, STAPLE WALL UNDERLAY TO SOFFIT PLATE TO AVOID ANY VENTILATION GAPS

REFER TO E2/AS1 TABLE 1 FOR RISK LEVELS. EAVE FLASHINGS ARE REQUIRED WHEN FASCIA IS 100mm OR LESS FROM WALL CLADDING AND ROOF PITCH IS LESS THAN 10°

SCALE 1:10

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM FLAT SOFFIT/WALL JUNCTION WITH TIMBER FASCIA	ST 600
		2017

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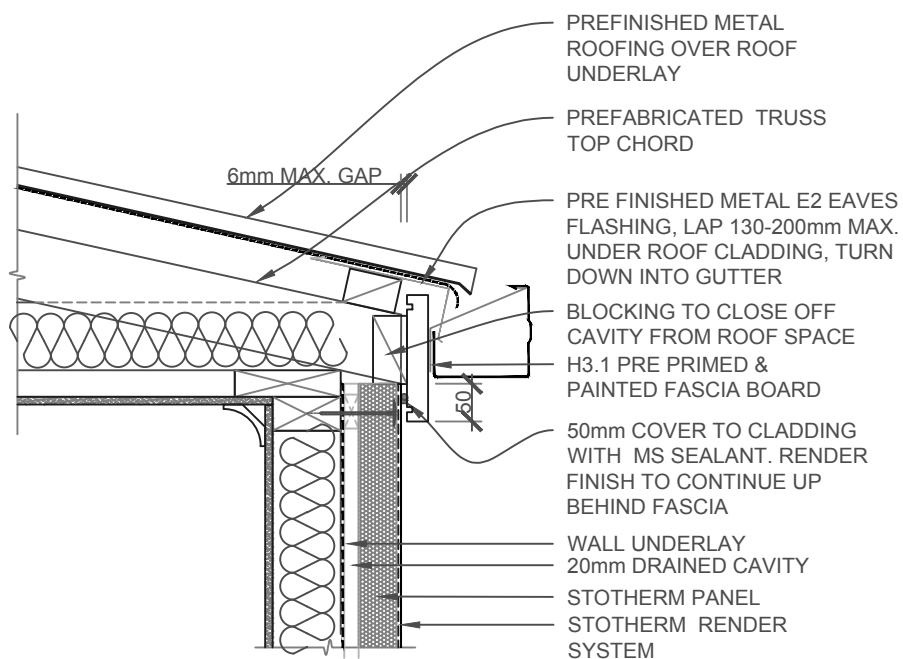


NOTE:

REFER TO E2/AS1 TABLE 1 FOR RISK LEVELS. EAVE FLASHINGS
ARE REQUIRED WHEN FASCIA IS 100mm OR LESS FROM WALL
CLADDING AND ROOF PITCH IS LESS THAN 10°

SCALE 1:10

STO THERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM RAKING SOFFIT/WALL JUNCTION WITH TIMBER FASCIA	ST 601
		2017

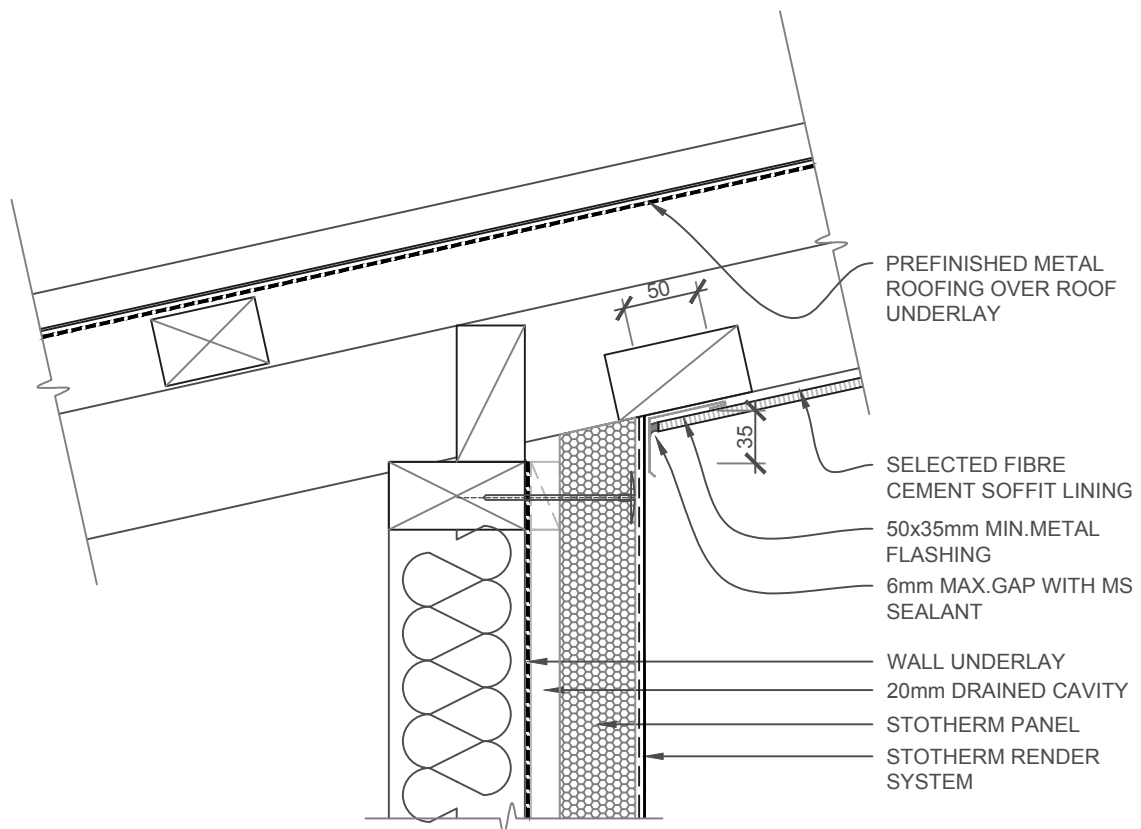


NOTE:

REFER TO E2/AS1 TABLE 1 FOR RISK LEVELS. EAVE FLASHINGS ARE REQUIRED WHEN FASCIA IS 100mm OR LESS FROM WALL CLADDING AND ROOF PITCH IS LESS THAN 10°

SCALE 1:10

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM FACE FIXED TIMBER FASCIA	ST 602
		2017



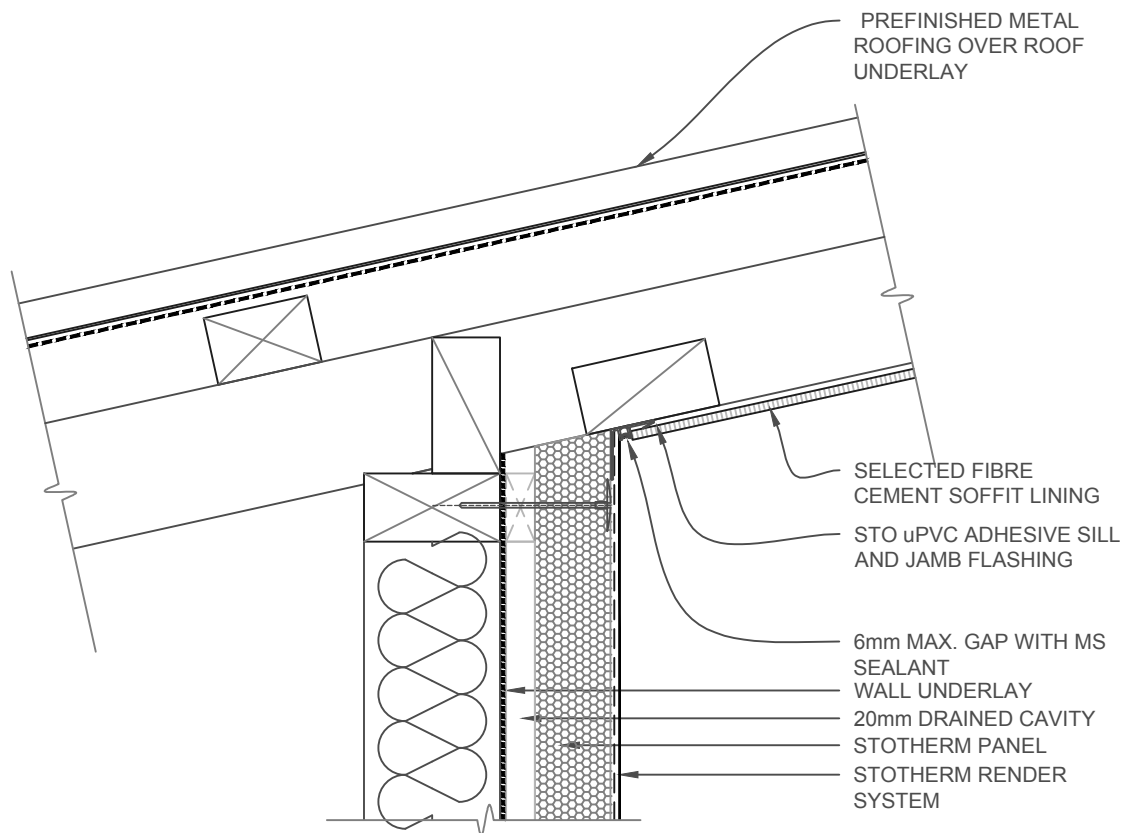
NOTE:

MAX.ANGLE OF SOFFIT RESTRICTED
TO BETWEEN 91°-115°

SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM REVERSE RAKING SOFFIT TO WALL WITH FLASHING	ST 603
		2017

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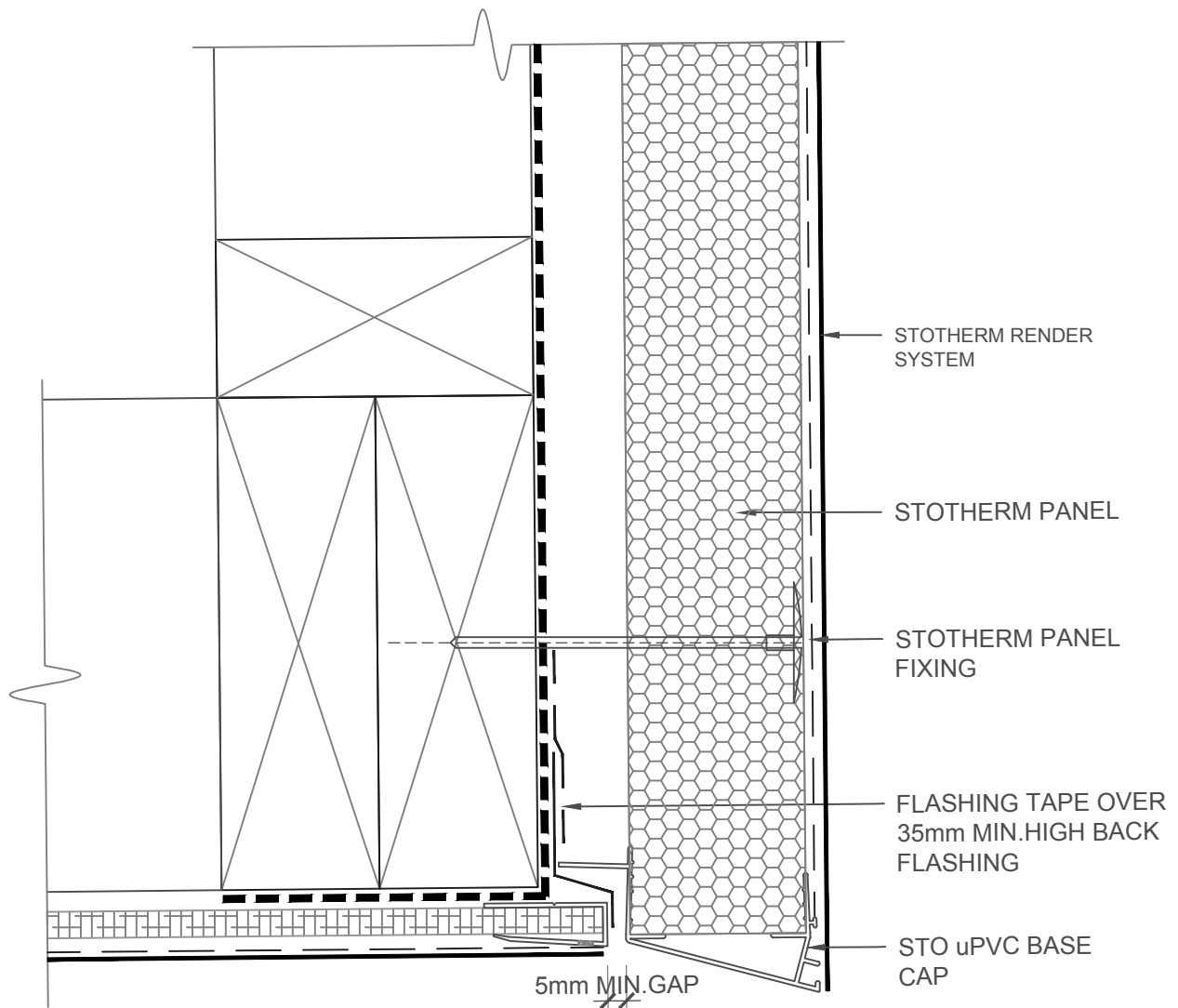
NOTE:

MAX.ANGLE OF SOFFIT RESTRICTED
TO BETWEEN 91°-115°

SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM RAKING SOFFIT - STO uPVC CONTROL JOINT	ST 604
		2017

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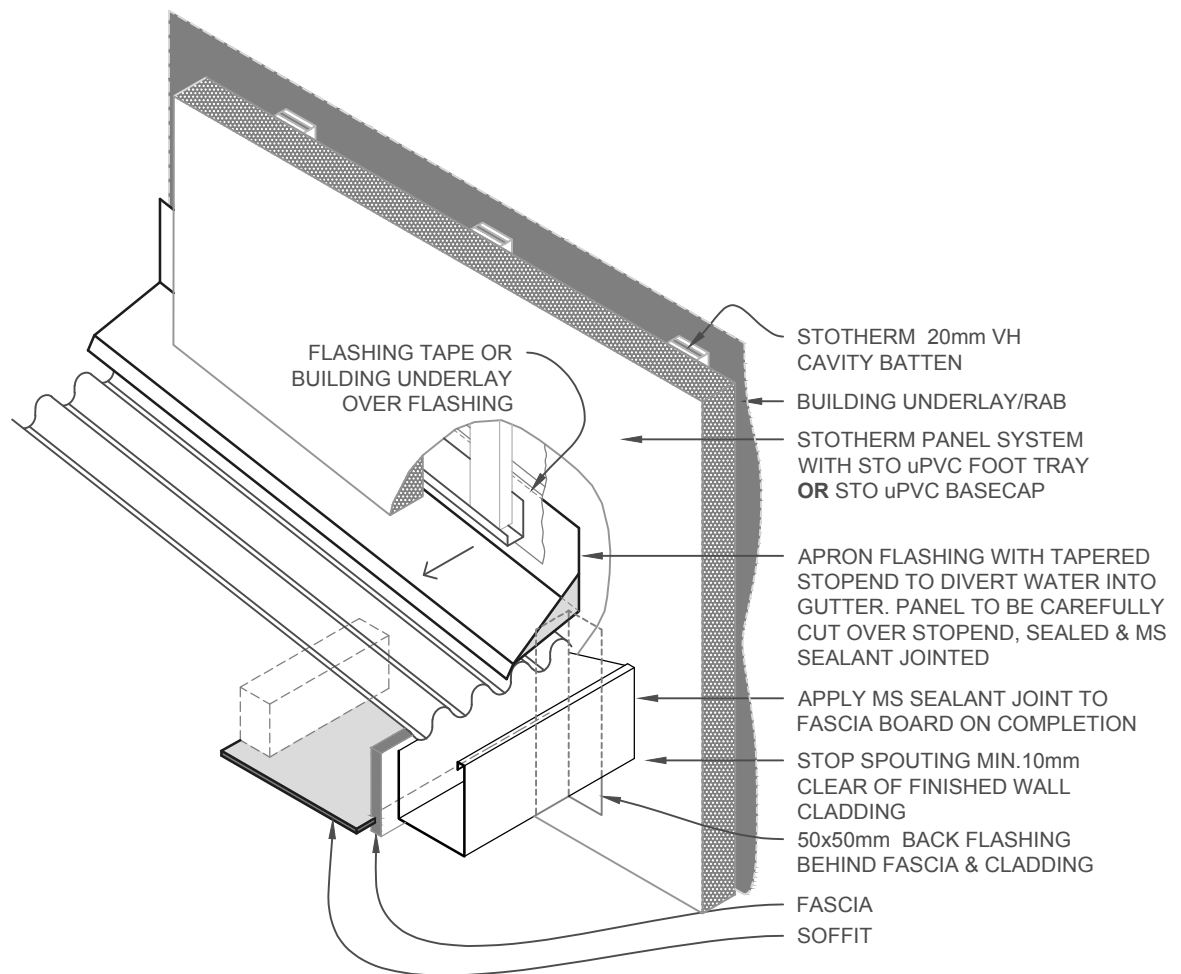


NOTE: USE STOARMATRENDER ON FIBRE CEMENT SHEET & STO uPVC CLIP ON TRAY

SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM SOFFIT TO CLADDING DETAIL	ST 605
		2017

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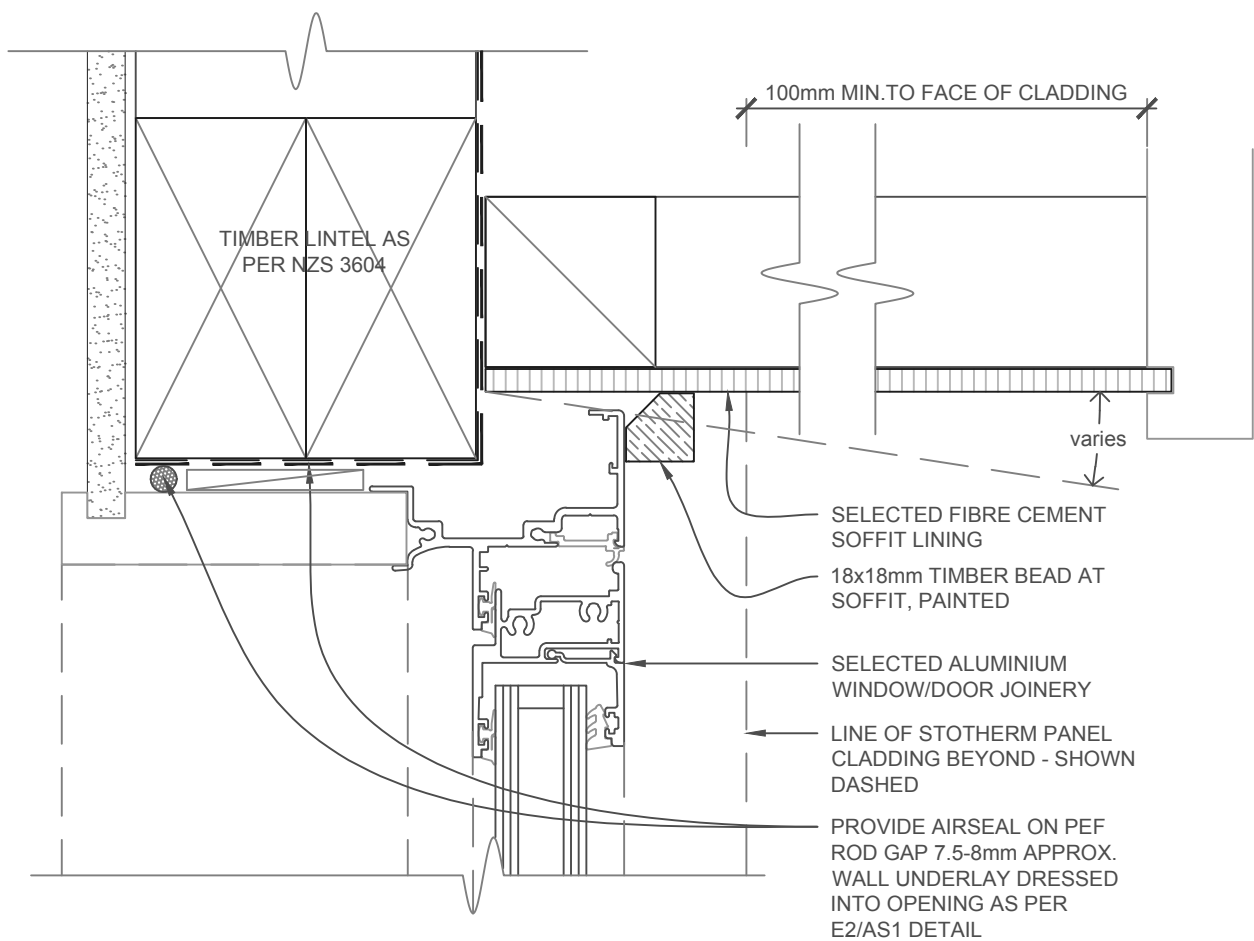


NOTE:
 BACK FLASHING IS REQUIRED BEHIND FASCIA AND
 PANEL JUNCTION 50mm MIN. COVER.
 FOR DURABILITY OF FLASHING REFER TABLE 20 NZBC
E2/AS1 DOCUMENT.
 ROOF UNDERLAY OMITTED FOR CLARITY.

SCALE 1:10

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM GUTTER/WALL APRON FLASHING JUNCTION	ST 606
		2017

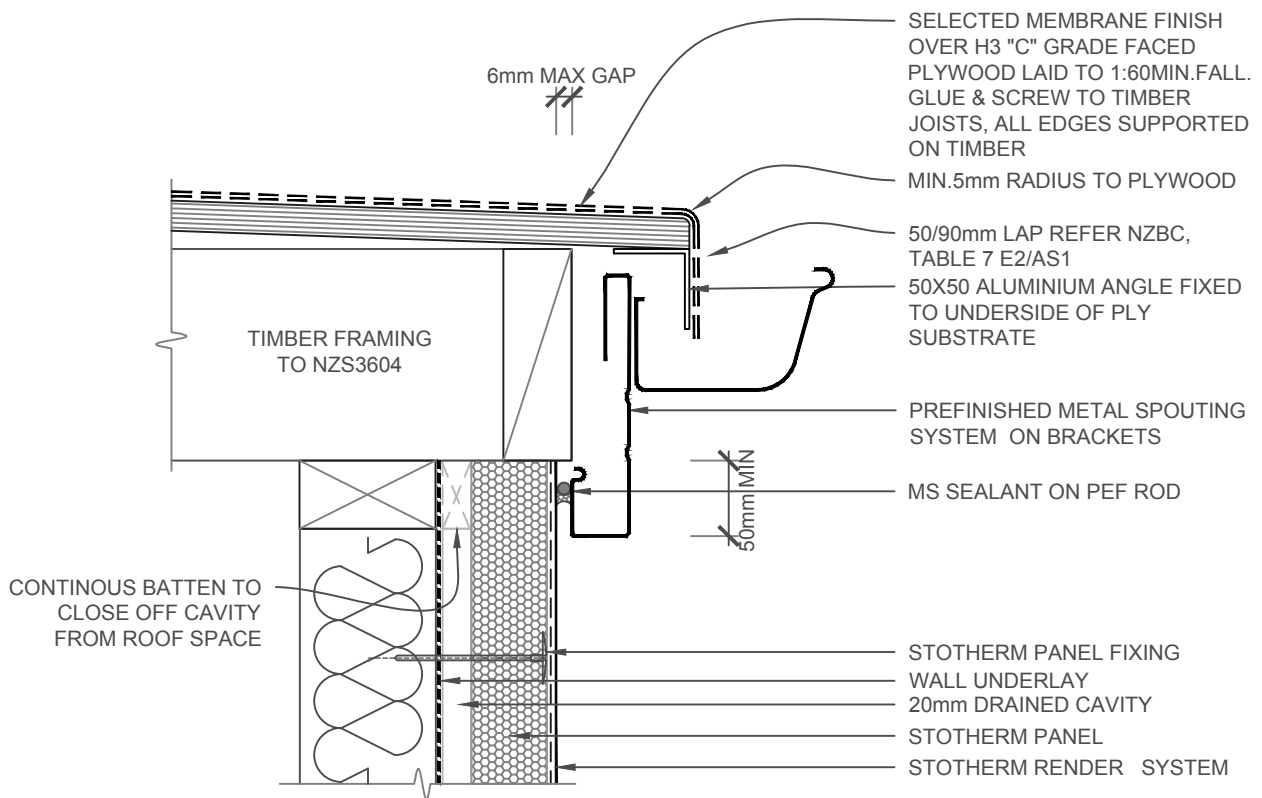
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SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM SOFFIT AT WINDOW/DOOR HEAD	ST 607
		2017

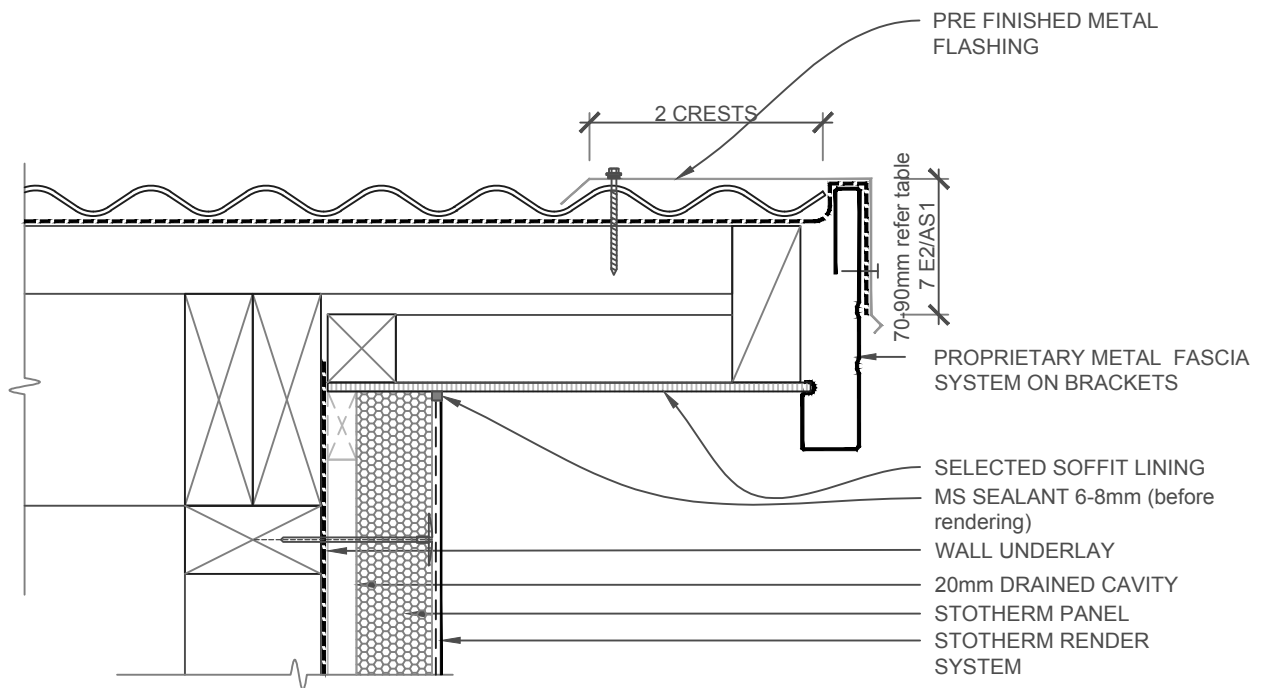
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SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM METAL FASCIA FACE FIXED MEMBRANE ROOF	ST 608
		2017

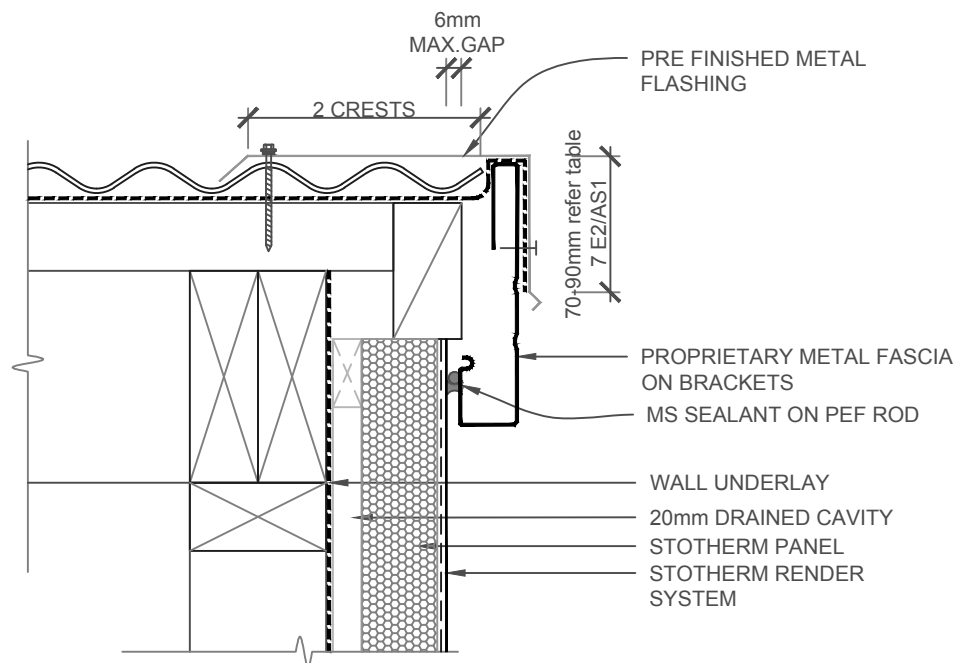
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SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM METAL FASCIA BARGE DETAIL	ST 609
		2017

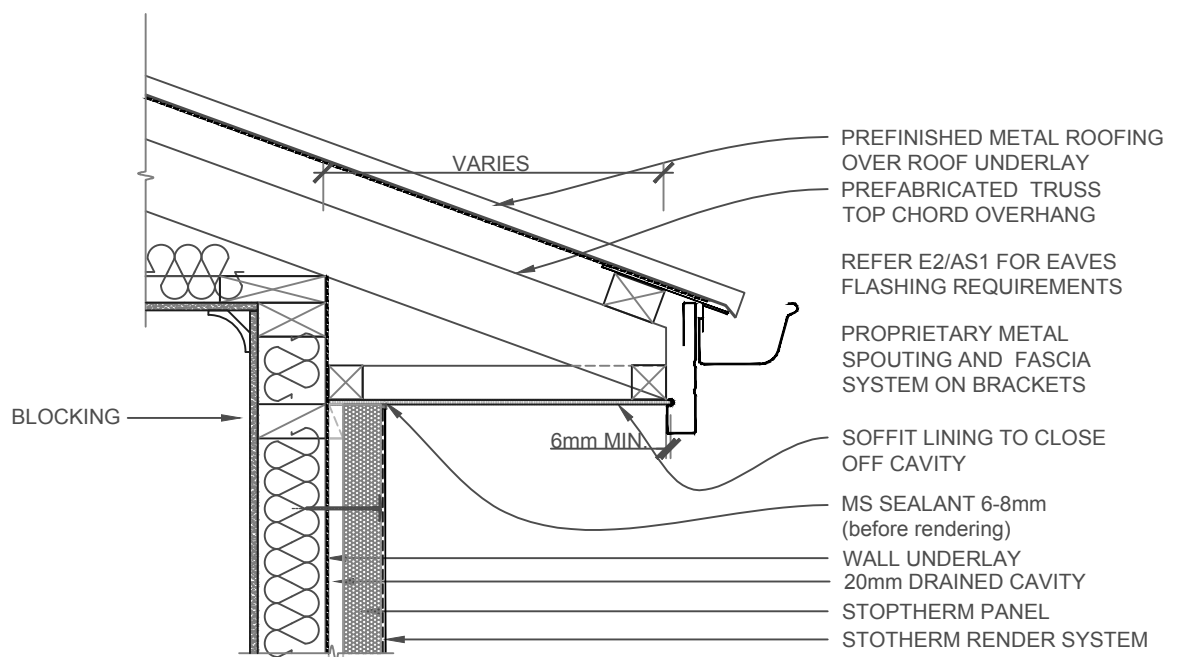
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SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM METAL FASCIA FACE FIXED BARGE	ST 610
		2017

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NOTE:

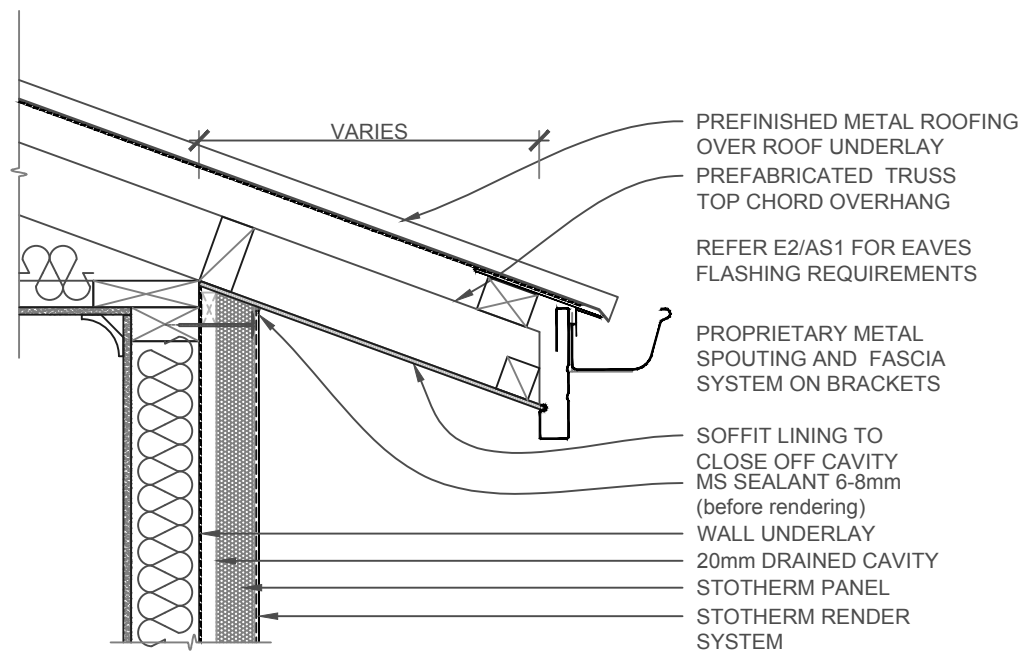
IF BLOCKING IS MISSING, STAPLE WALL UNDERLAY TO SOFFIT PLATE TO AVOID ANY VENTILATION GAPS

REFER TO E2/AS1 TABLE 1 FOR RISK LEVELS. EAVE FLASHINGS ARE REQUIRED WHEN FASCIA IS 100mm OR LESS FROM WALL CLADDING AND ROOF PITCH IS LESS THAN 10°

SCALE 1:10

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM FLAT SOFFIT/WALL JUNCTION WITH METAL FASCIA	ST 611
		2017

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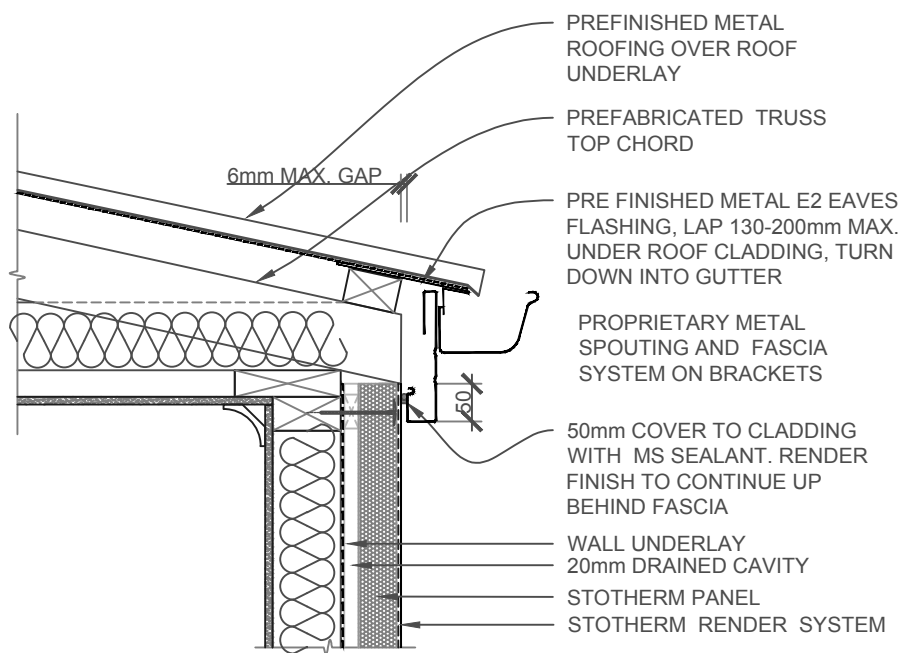


NOTE:

REFER TO E2/AS1 TABLE 1 FOR RISK LEVELS. EAVE FLASHINGS
ARE REQUIRED WHEN FASCIA IS 100mm OR LESS FROM WALL
CLADDING AND ROOF PITCH IS LESS THAN 10°

SCALE 1:10

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM RAKING SOFFIT/WALL JUNCTION WITH METAL FASCIA	ST 612
		2017



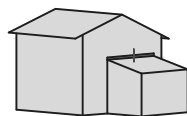
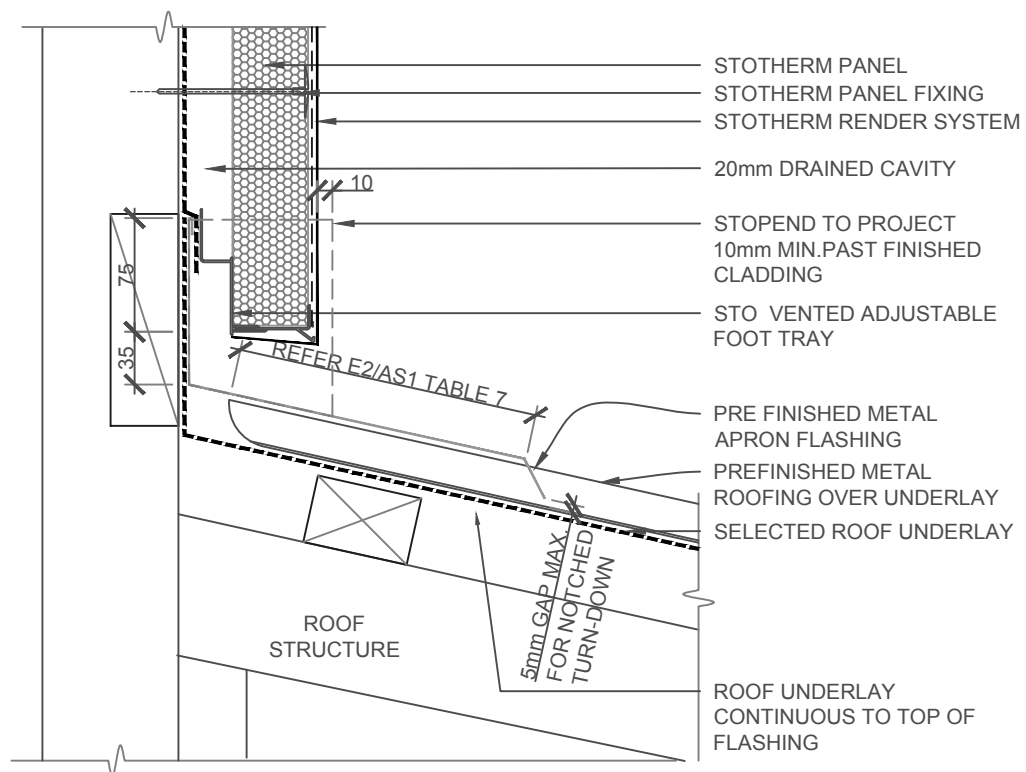
NOTE:

REFER TO E2/AS1 TABLE 1 FOR RISK LEVELS. EAVE FLASHINGS ARE REQUIRED WHEN FASCIA IS 100mm OR LESS FROM WALL CLADDING AND ROOF PITCH IS LESS THAN 10°

SCALE 1:10

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM FACE FIXED METAL FASCIA	ST 613
		2017

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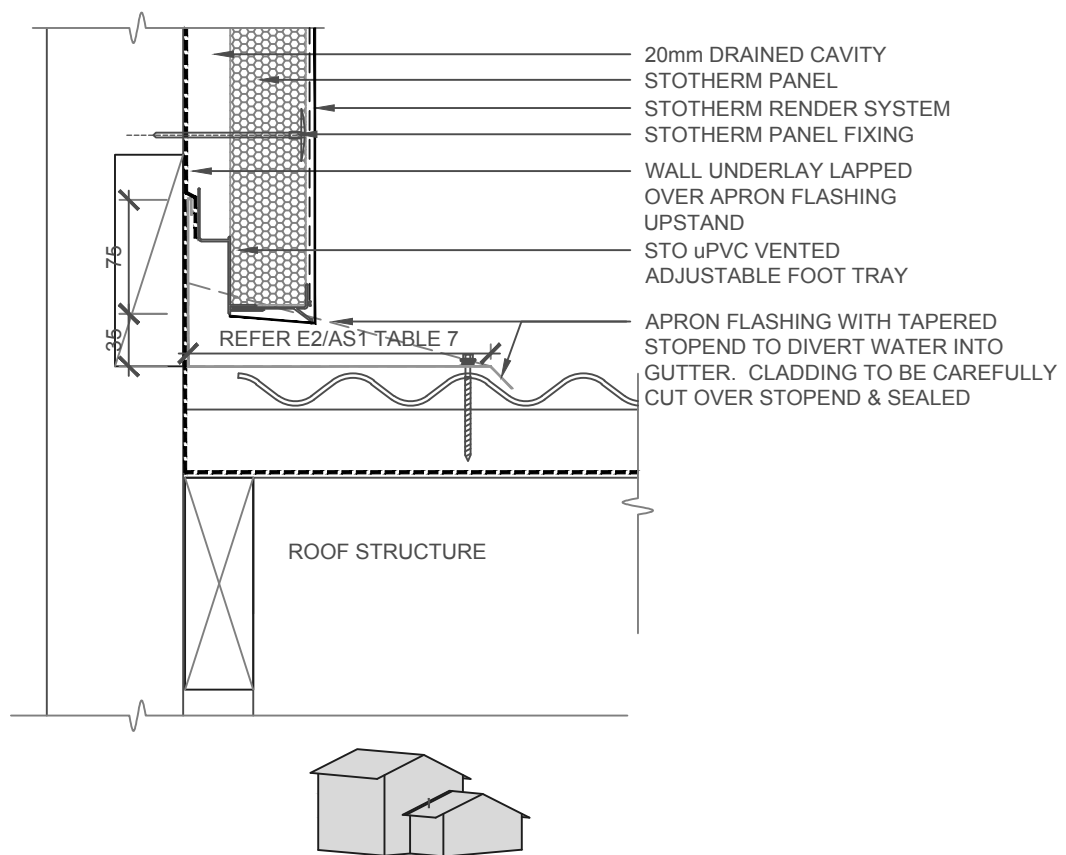
NOTE:

STOPENDS REQUIRED AT ROOF to WALL JUNCTION TO DIVERT WATER FROM CAVITY

SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM APRON FLASHING	ST 700
		2017

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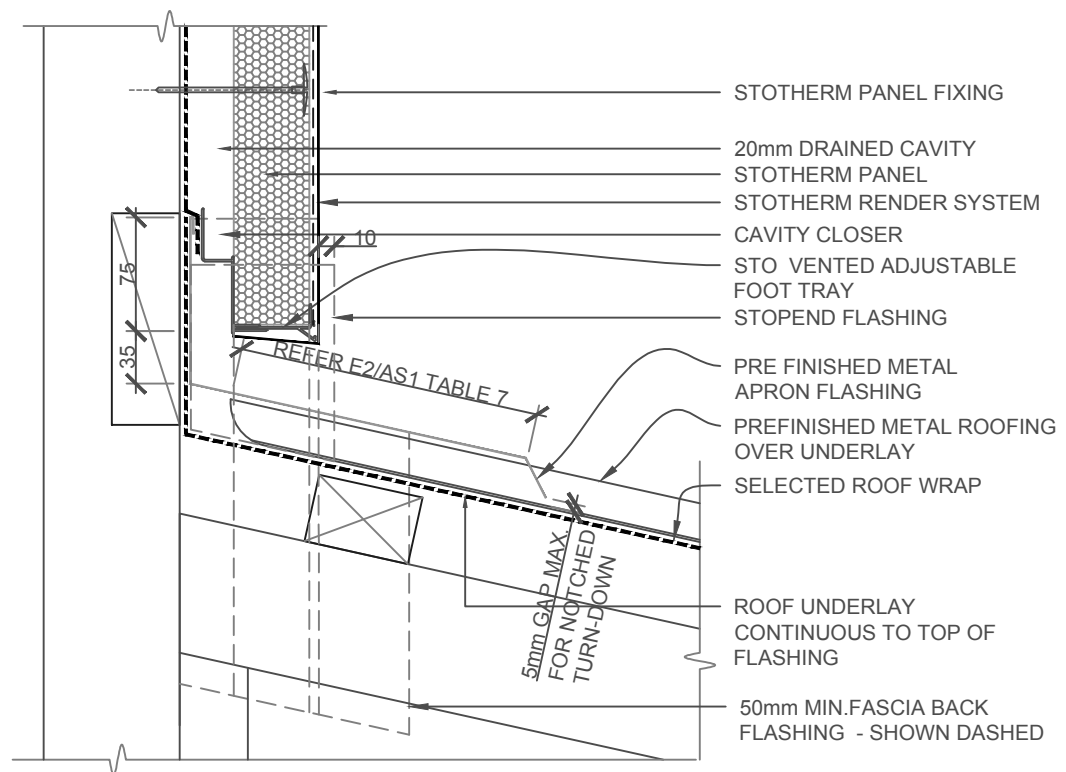


NOTE: PROVIDE FLASHING STOPEND AT ROOF TO GUTTER JUNCTION TO DIVERT WATER INTO THE GUTTER - Refer Drawing ST606

SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM PARALLEL APRON FLASHING	ST 701
		2017

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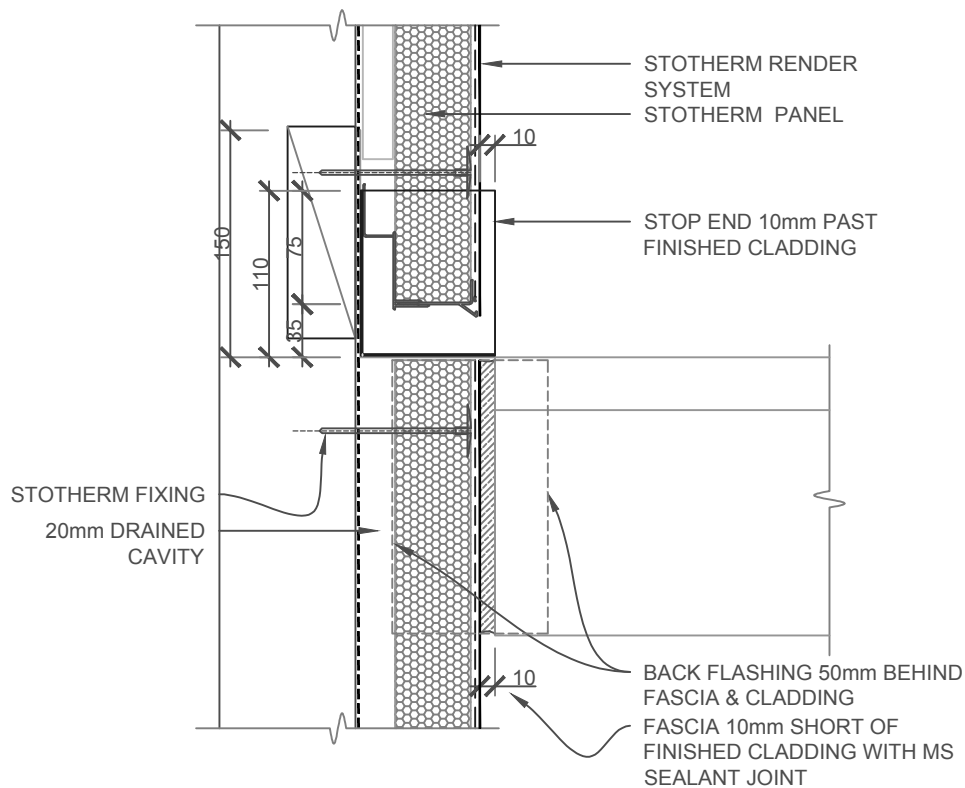
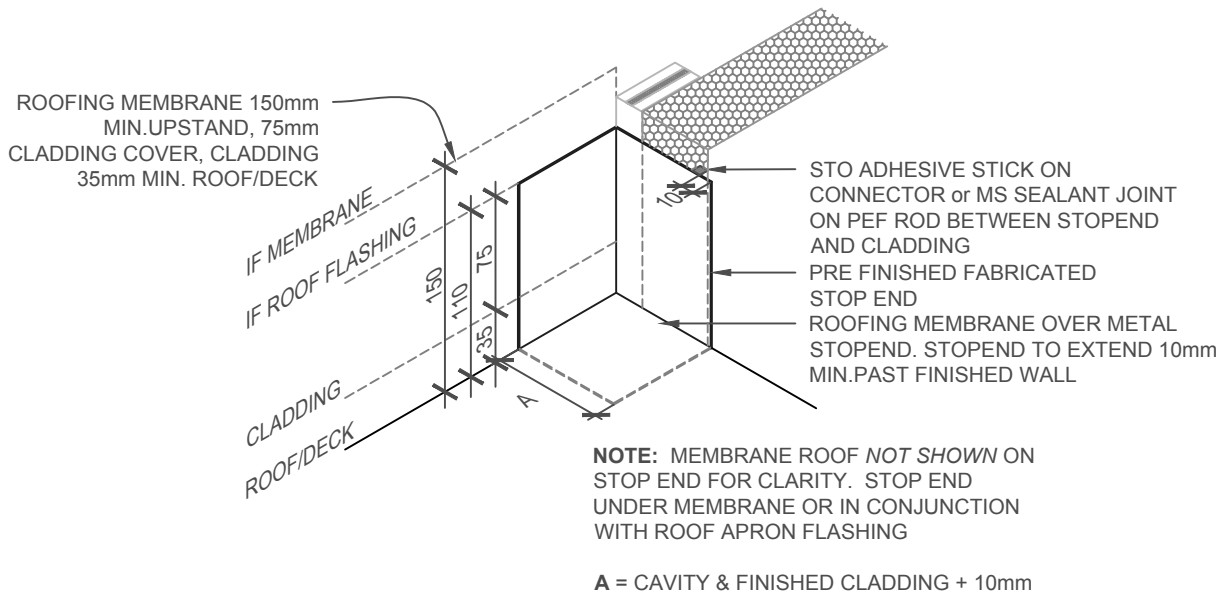


NOTE: CONTRACTOR TO FIT STOPEND FLASHING & HEMMED FLASHING FOR FASCIAS 50mm BEHIND CLADDING, 50mm BEHIND FASCIA. STO CONTRACTOR TO APPLY FINISHED SEALANT JOINT BETWEEN FASCIA & RENDER. UNDERLAY or FLASHING TAPE OVER FLASHING UPSTAND.

SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM INTERSTOREY TRANSVERSE (APRON) ROOF STOPEND	ST 702
		2017

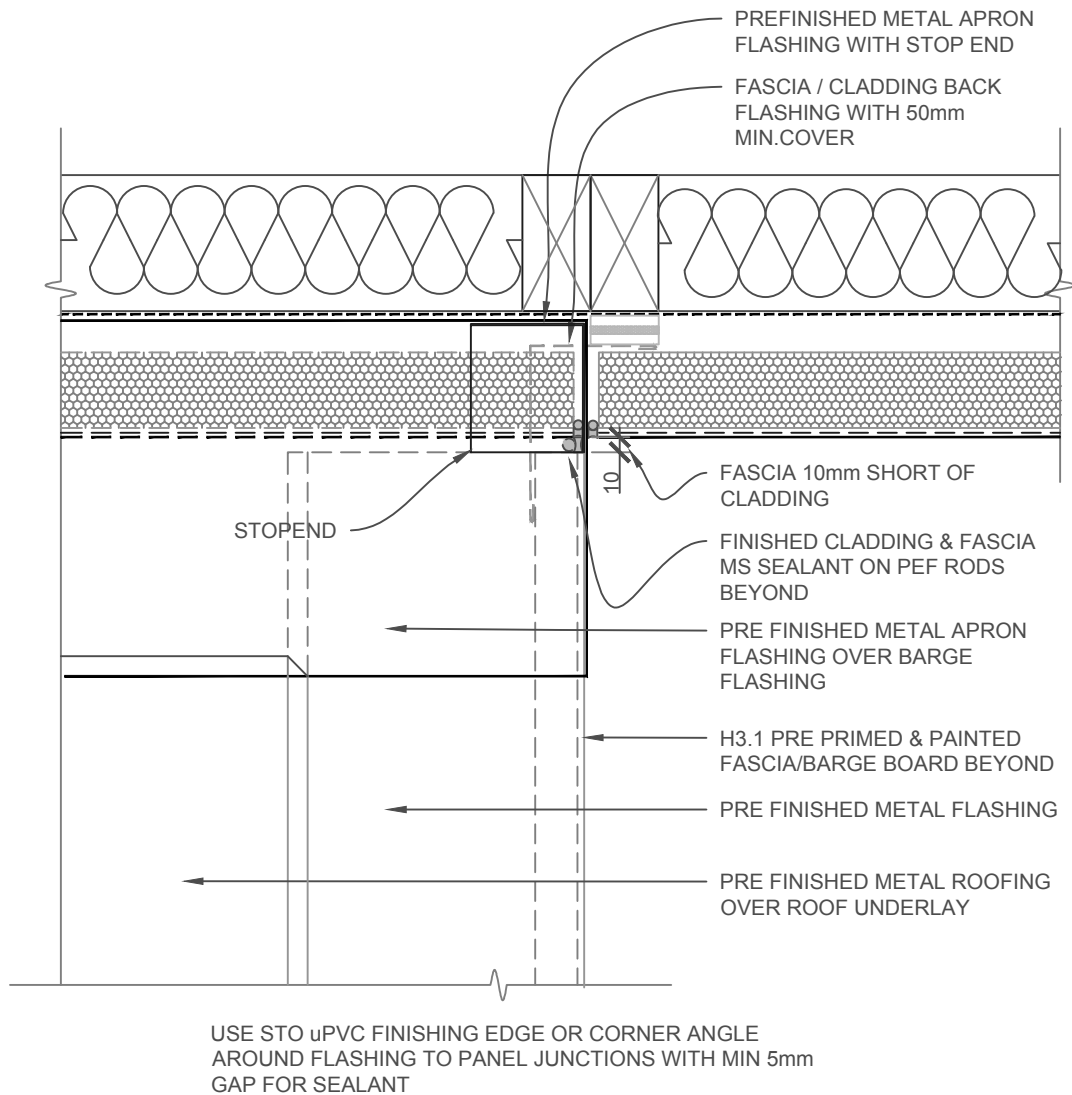
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SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM INTER-STOREY DECK OR ROOF/STOPEND FLASHING	ST 703
		2017

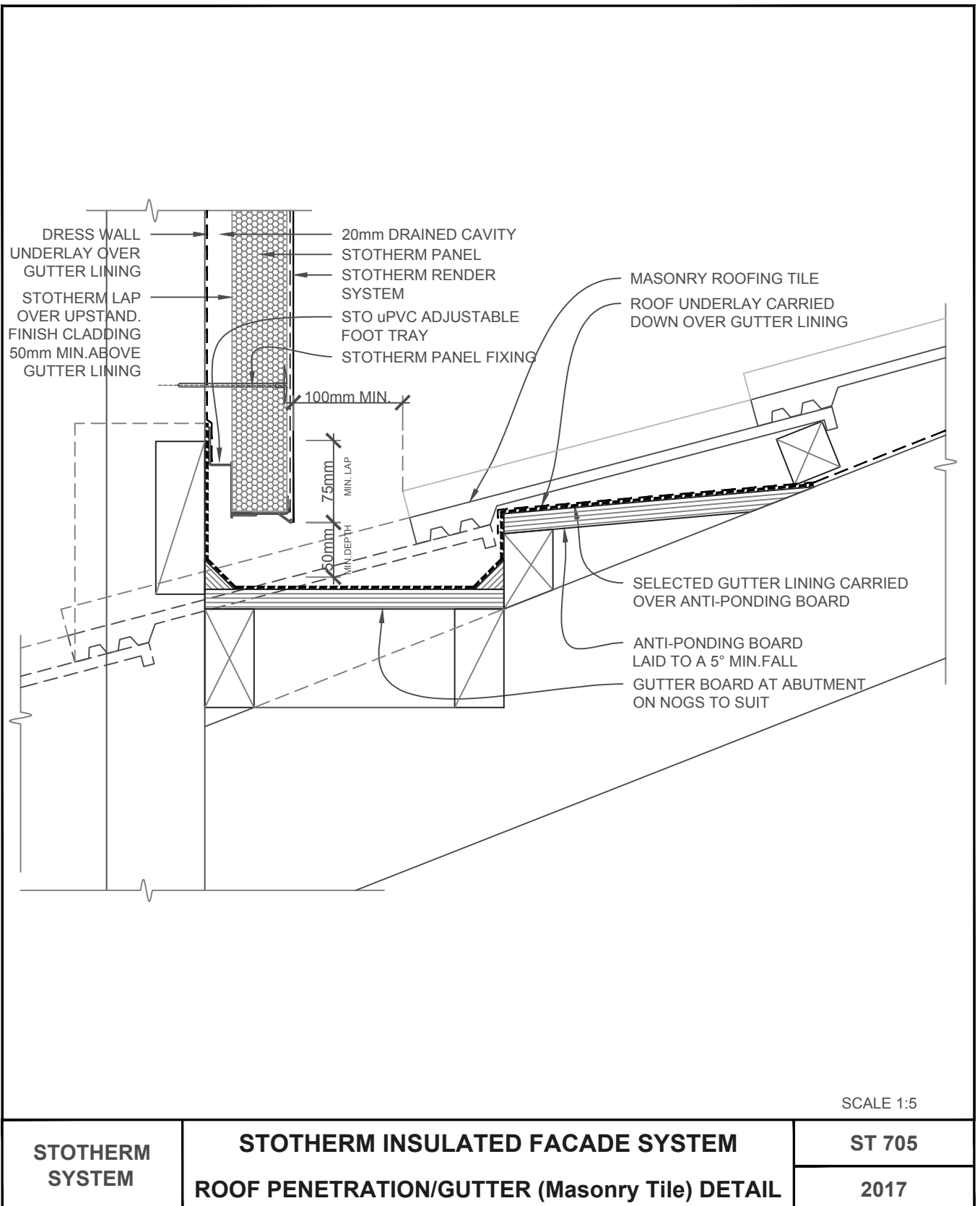
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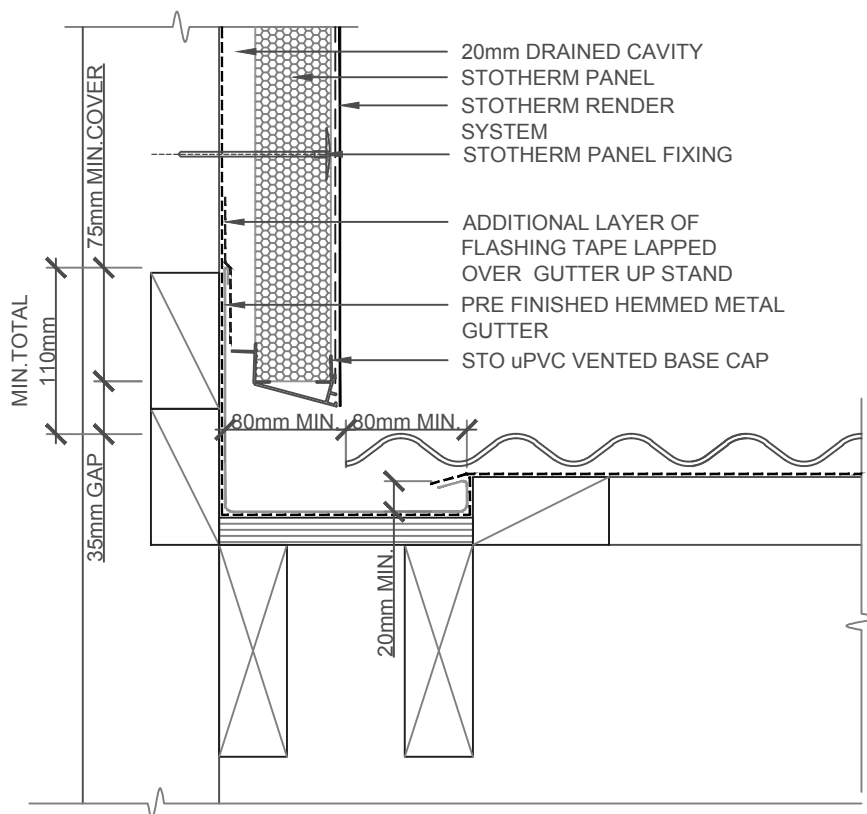
SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM INTER-STOREY ROOF STOPEND - PLAN VIEW	ST 704
		2017

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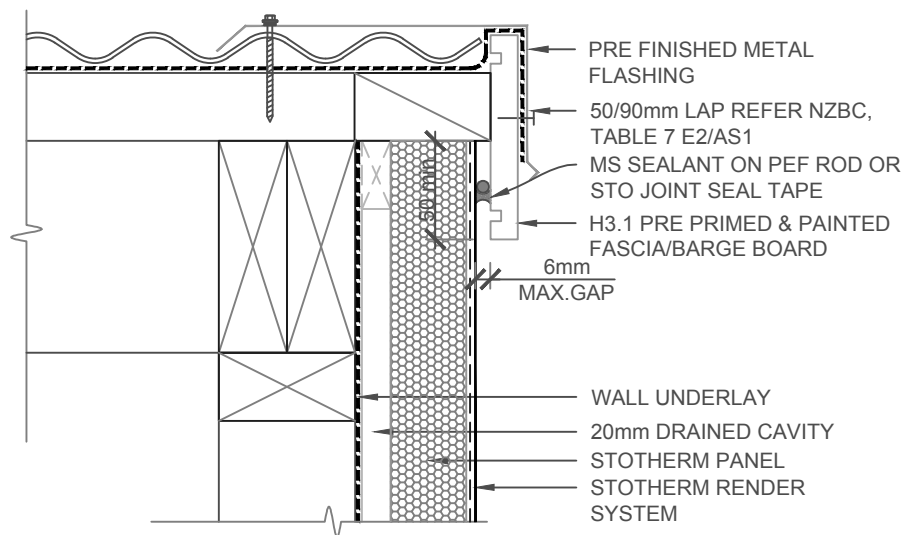


NOTE: WHERE GUTTER FINISHES WITHIN THE LENGTH OF THE WALL, STEP LOWER PART OF GUTTER OUT TO 10mm PAST THE *CLADDING* LINE, WHILE MAINTAINING REQ.CLEARANCES, TO ALLOW THE GUTTER TO FEED INTO THE LOWER EAVES GUTTER.
- REFER NZBC E2/AS1 Fig: 50 Incl. Section 8.1.6.2

SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM PARALLEL ROOF/HIDDEN GUTTER	ST 706
		2017

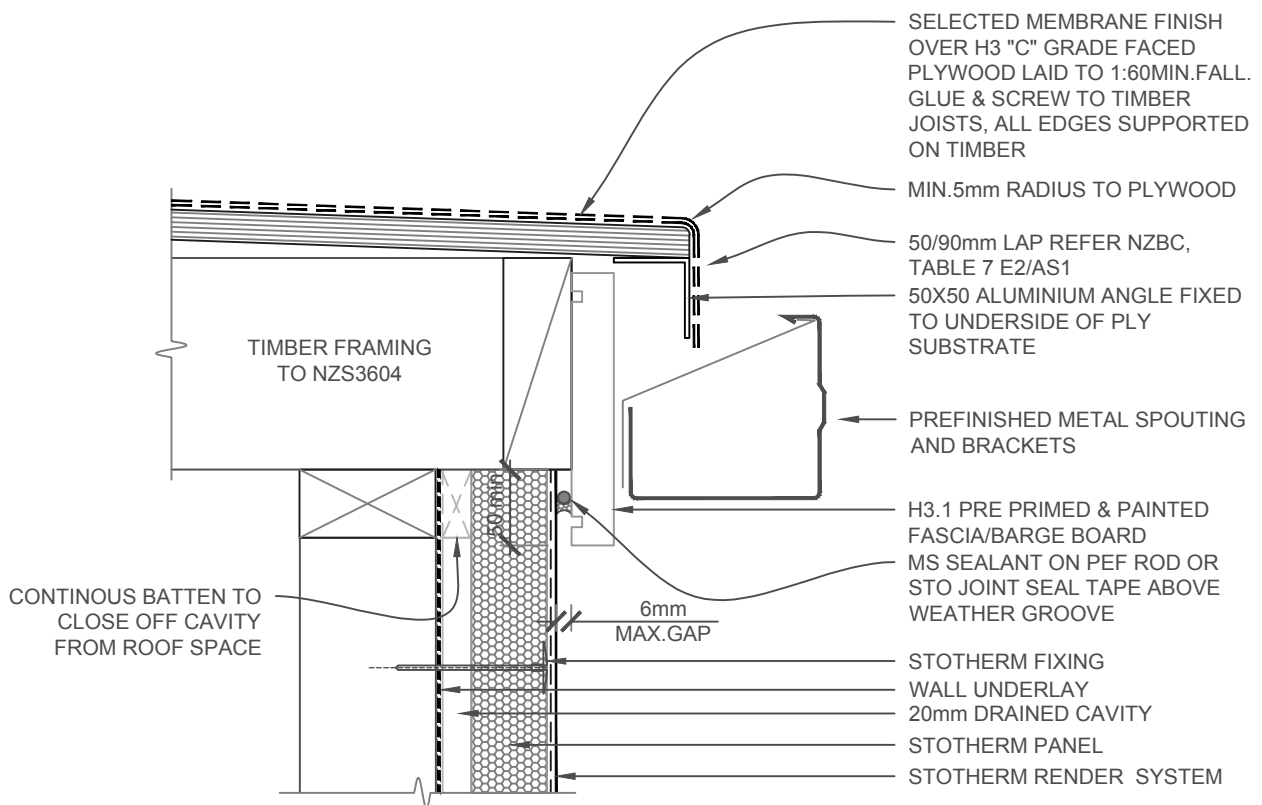
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SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM FACE FIXED FASCIA/BARGE	ST 707
		2017

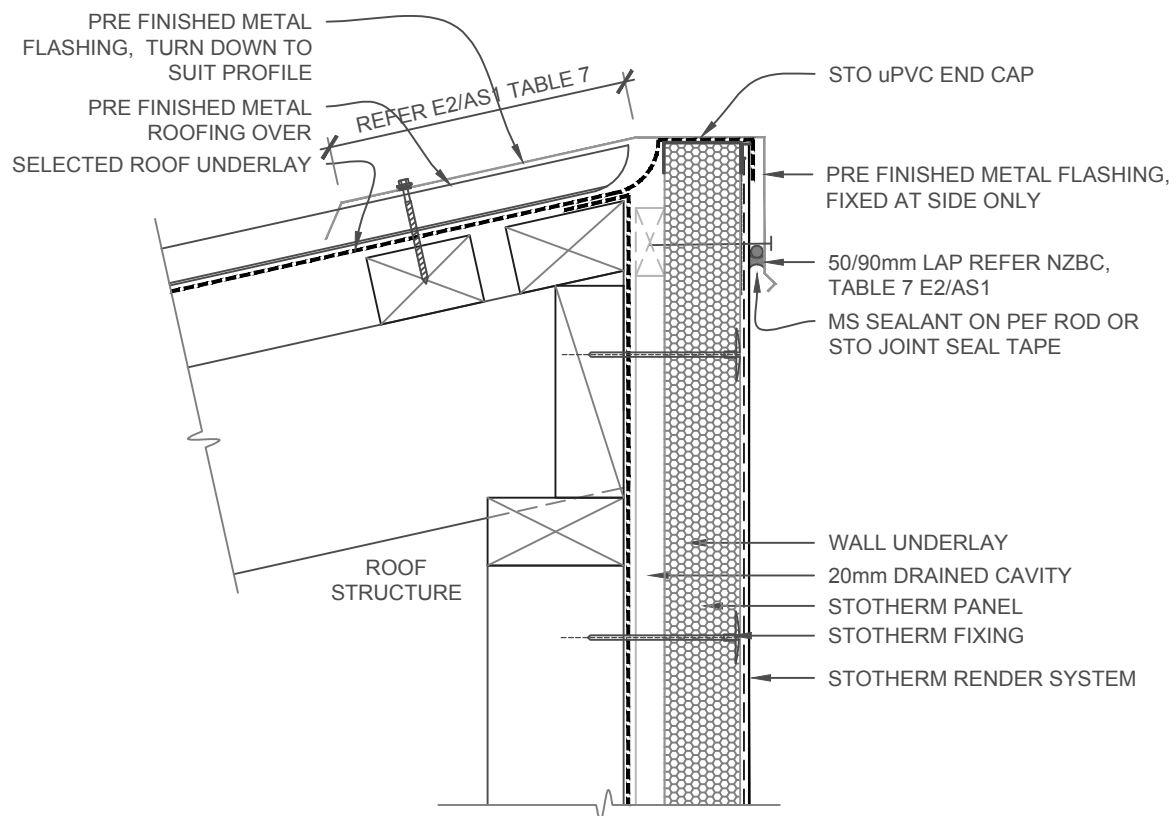
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SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM FACE FIXED FASCIA/MEMBRANE ROOF	ST 708
		2017

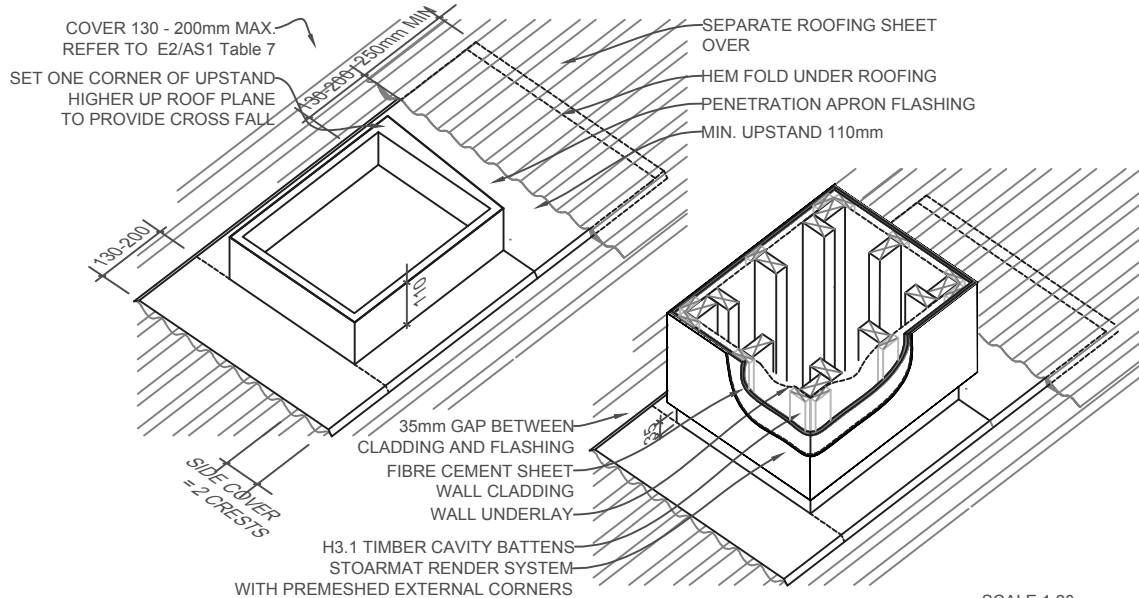
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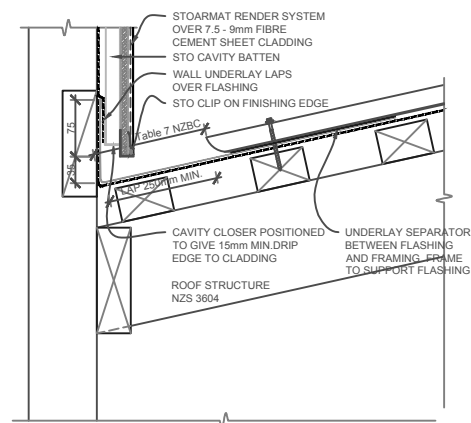
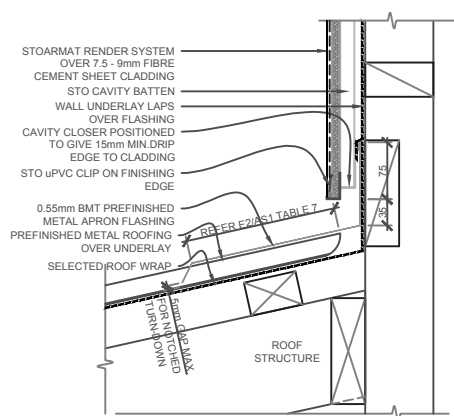
SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM ROOF/WALL RIDGE	ST 709
		2017

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NOTE:
SUITABLE FOR RECTANGULAR PENETRATIONS UP TO 1200mm WIDE.
ROOF PITCH MUST BE 10° or HIGHER - REFER TO E2/AS1 TABLE 9 or 17 FOR MAX. ROOF LENGTH ABOVE PENETRATIONS. BLOCKING REQUIRED FOR PENETRATIONS OVER 200mm.
FLASHING SHOWN IS MINIMUM REQUIREMENT FOR COMPLIANCE WITH E2/AS1. REFER SPECIFIED ROOFING MANUFACTURER FOR SPECIFIC DETAILS RELATING TO CRICKET FLASHING IF USED



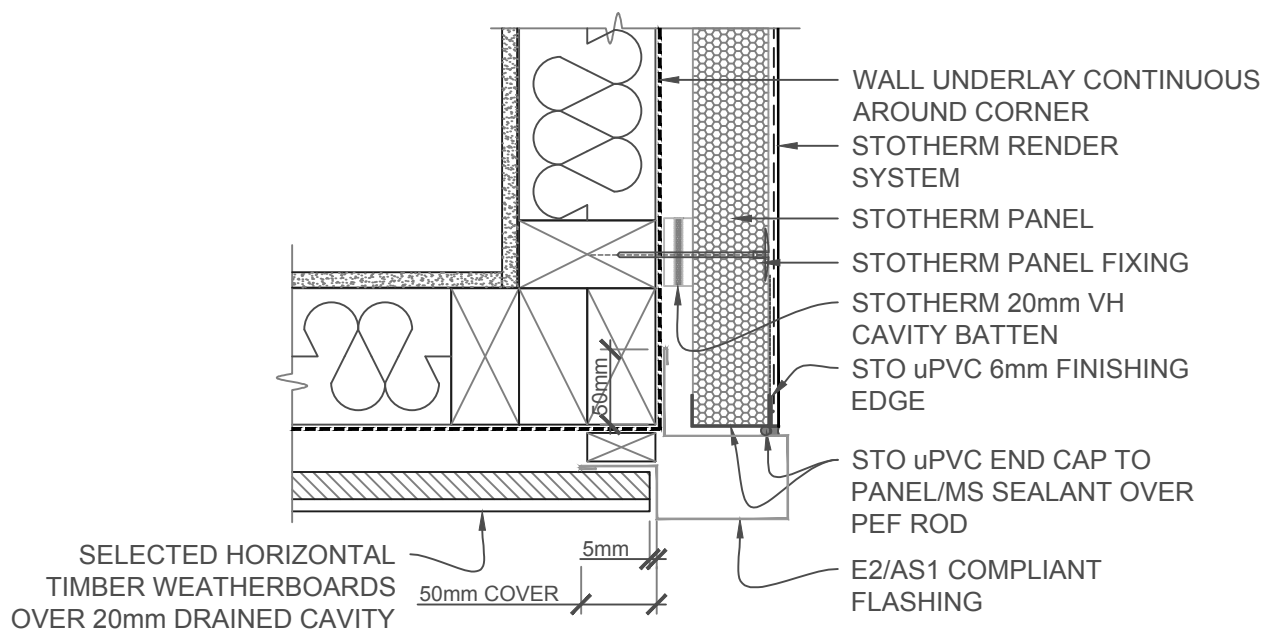
SCALE 1:10

**STOTHERM
SYSTEM**

**STOTHERM INSULATED FACADE SYSTEM
FRAMED CHIMNEY**

ST 710

2017

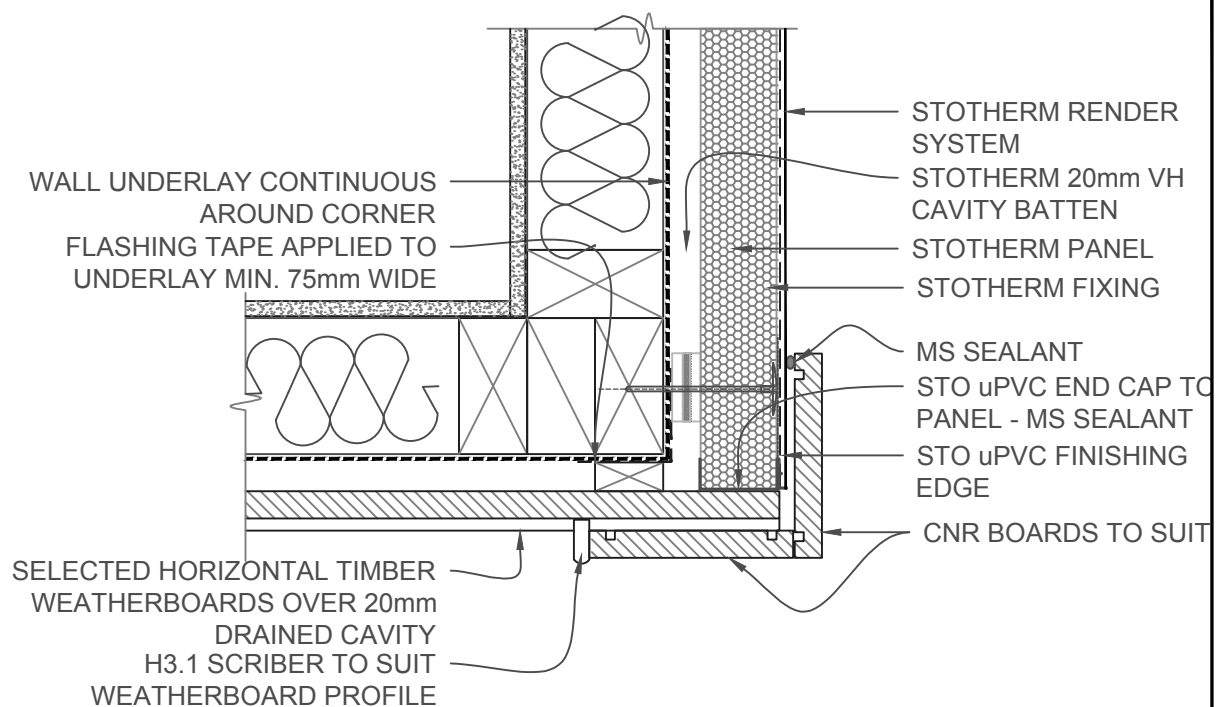


NOTE: WHERE A TIMBER SCRIBER IS REQUIRED EXTEND FLASHING ACCORDINGLY

SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM EXT.CORNER W'BOARD/STOTHERM - OPT 1	ST 800
		2017

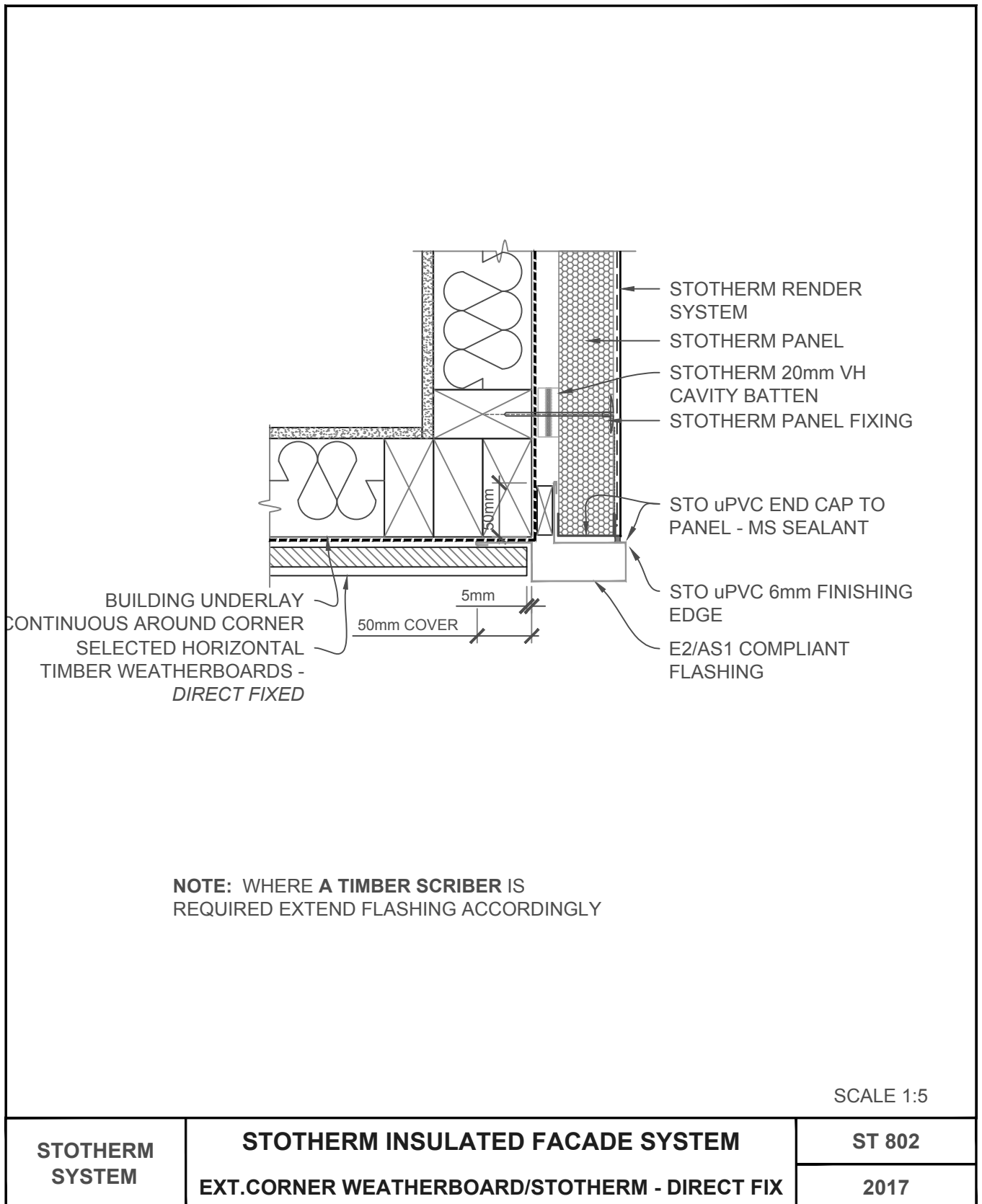
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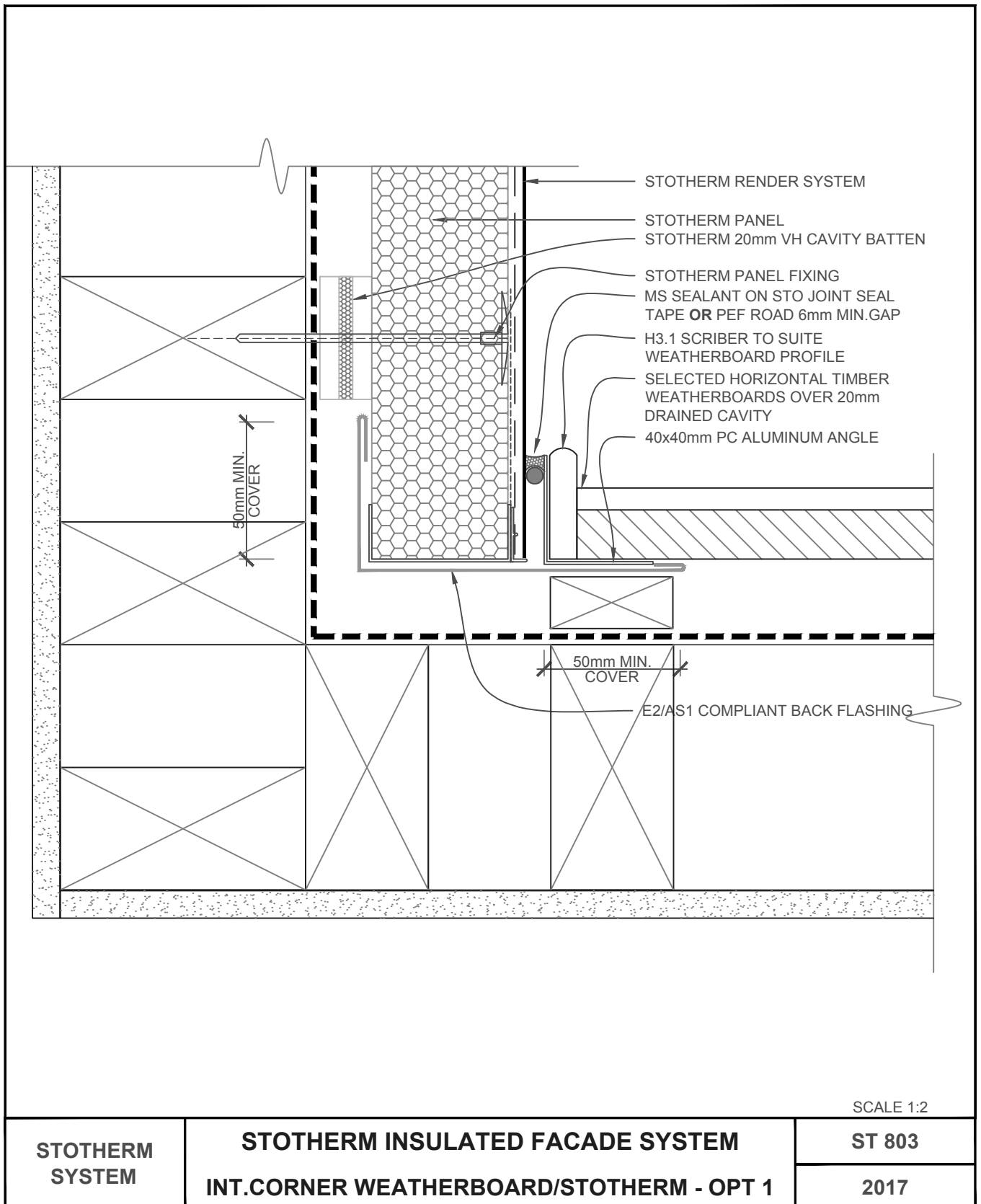


SCALE 1:5

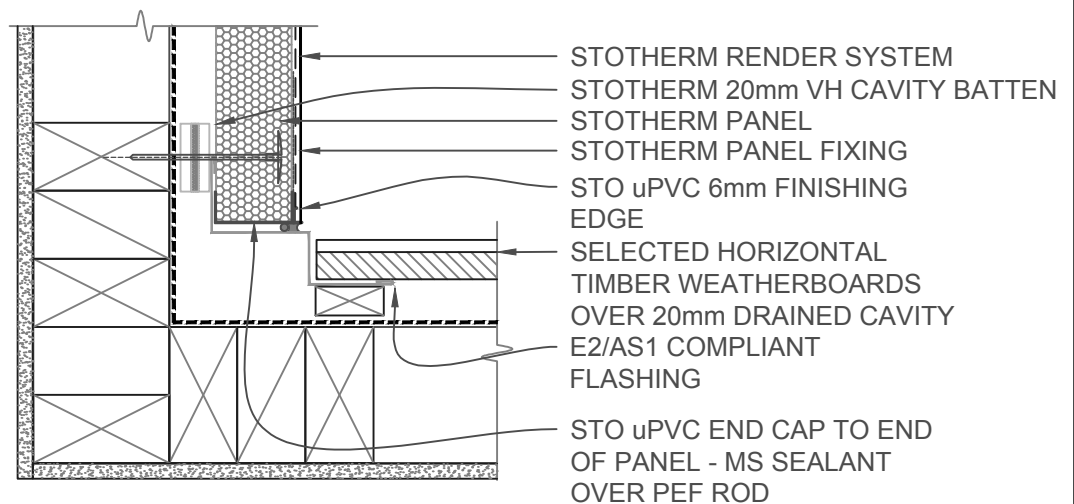
STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM EXT.CORNER WEATHERBOARD/STOTHERM - OPT 2	ST 801
		2017

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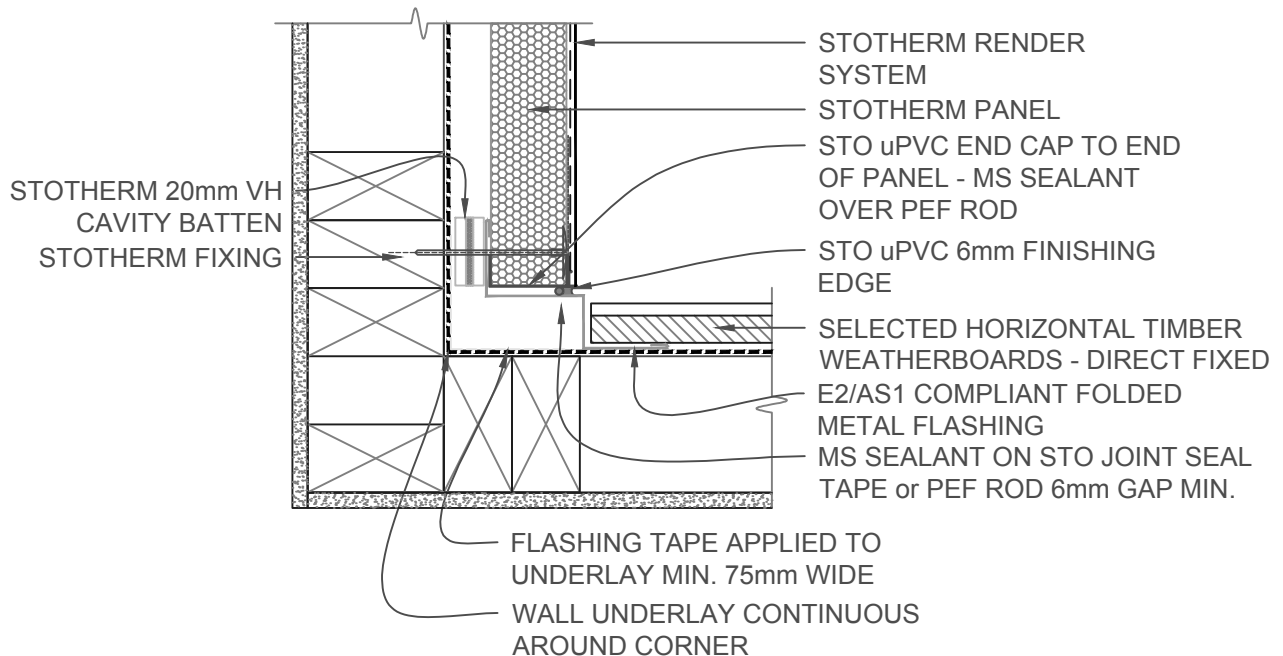


NOTE: WHERE A TIMBER SCRIBER IS REQUIRED EXTEND FLASHING ACCORDINGLY

SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM INT.CORNER WEATHERBOARD/STOTHERM- OPT 2	ST 804
		2017

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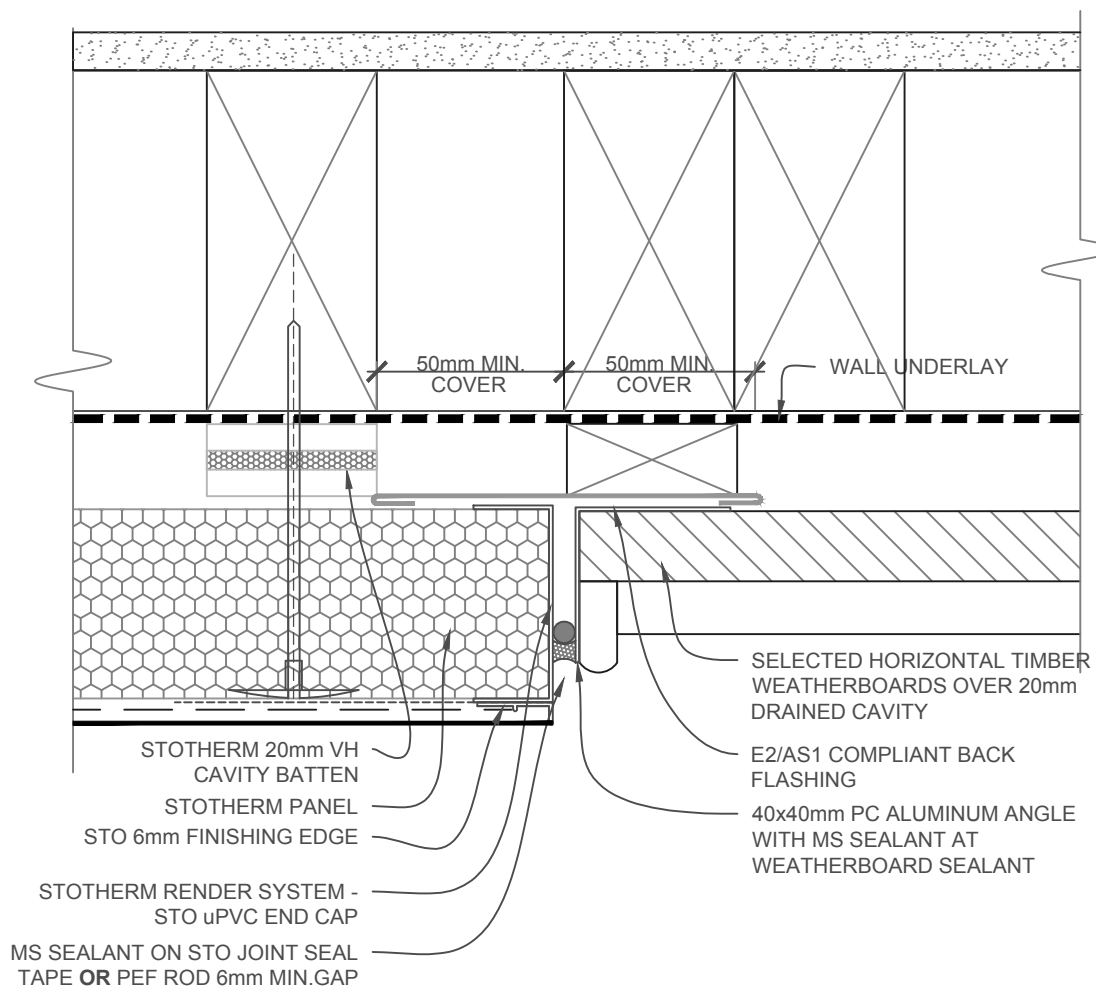


**NOTE: IF A TIMBER SCRIBER REQUIRED
EXTEND FLASHING ACCORDINGLY**

SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM INT.CORNER WEATHERBOARD/STOTHERM - DIRECT FIX	ST 805
		2017

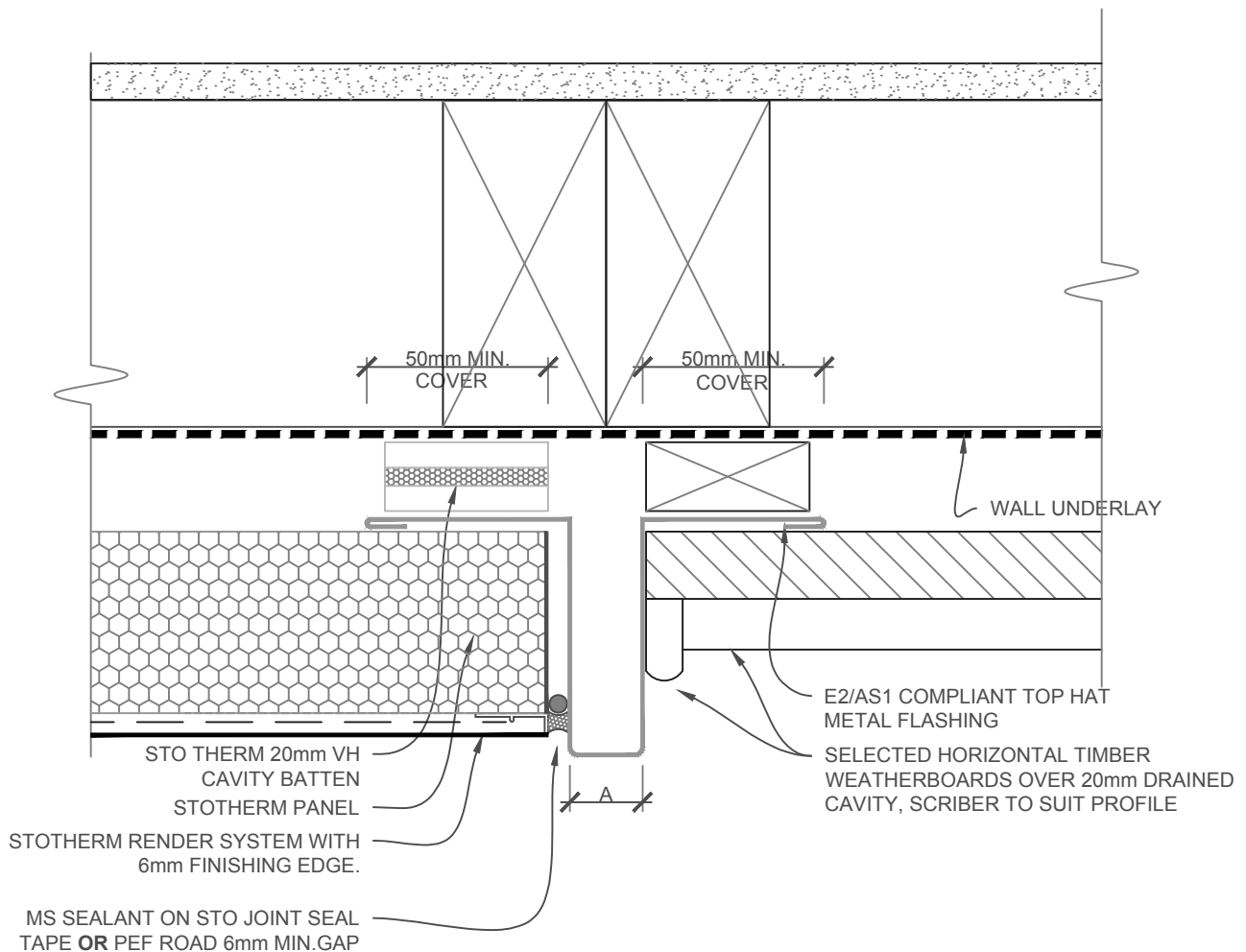
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SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM VERTICAL JOINT - WEATHERBOARD/STOTHERM - OPT 1	ST 806
		2017

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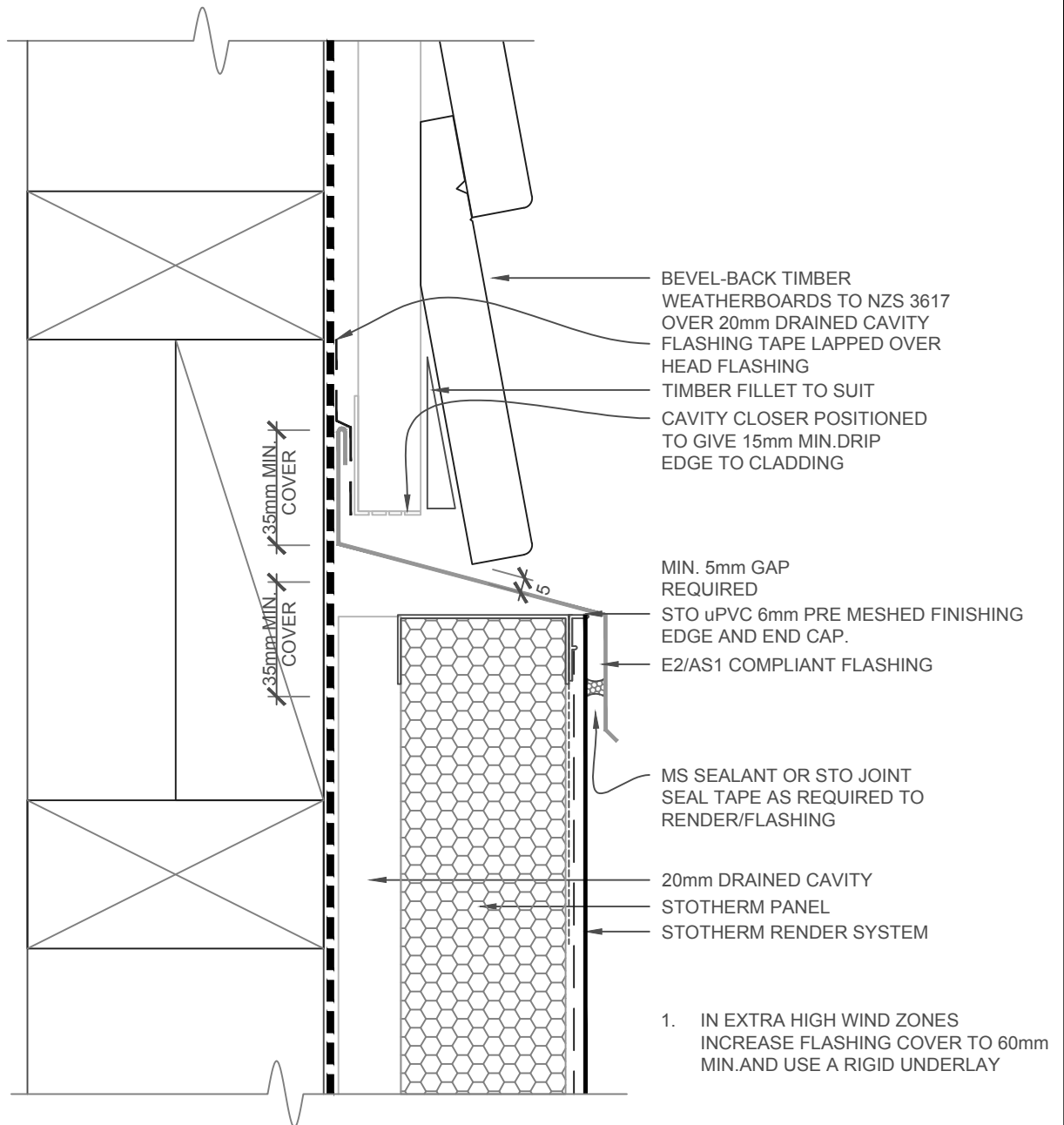


NOTE:
A = CHECK WITH SHEET METAL FOLDER A
NARROW NECK MAY REQUIRE A WELDED
JOINT **OR** WIDER TOP HAT

SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM VERTICAL JOINT - WEATHERBOARD/STOTHERM - OPT 2	ST 807
		2017

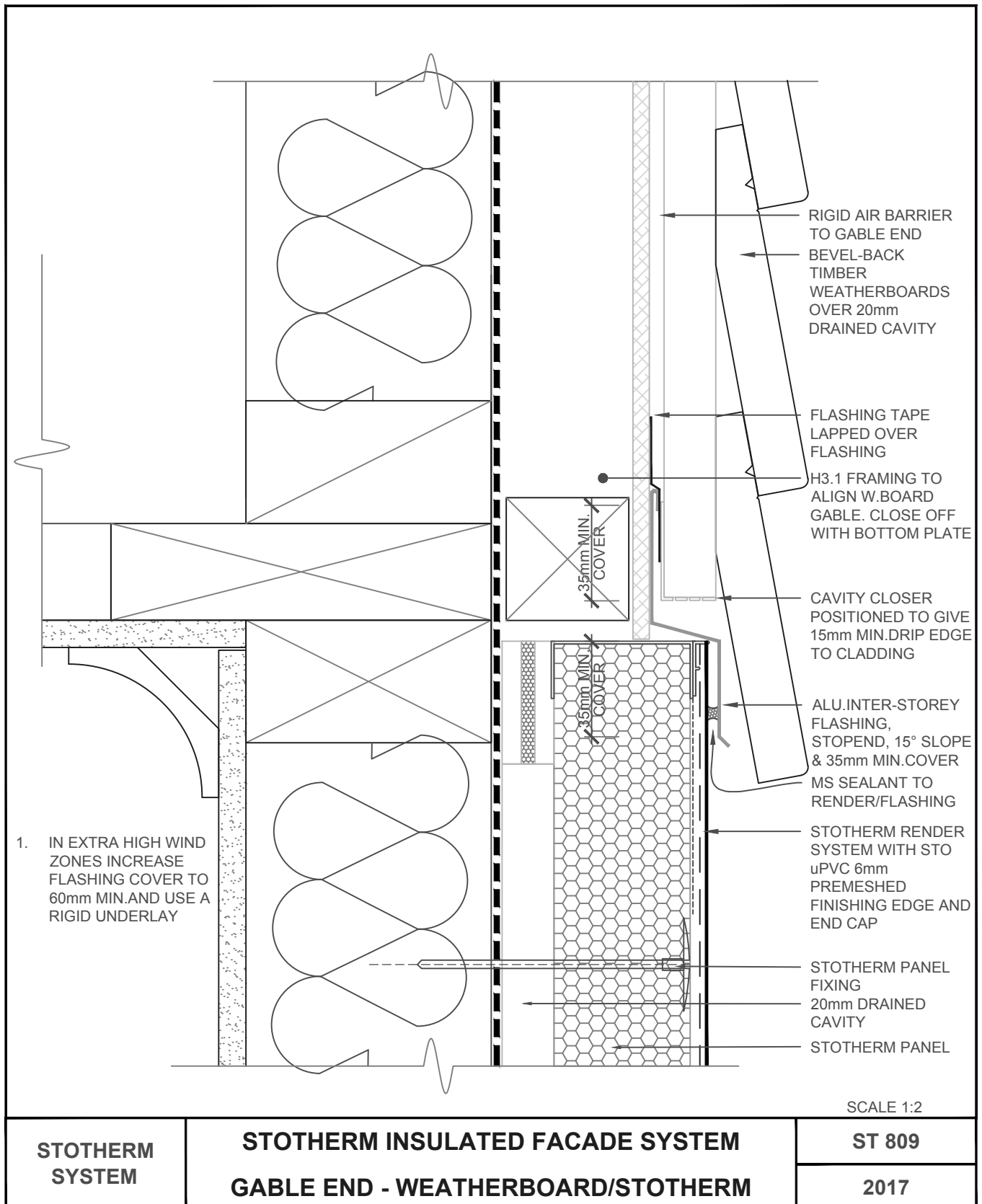
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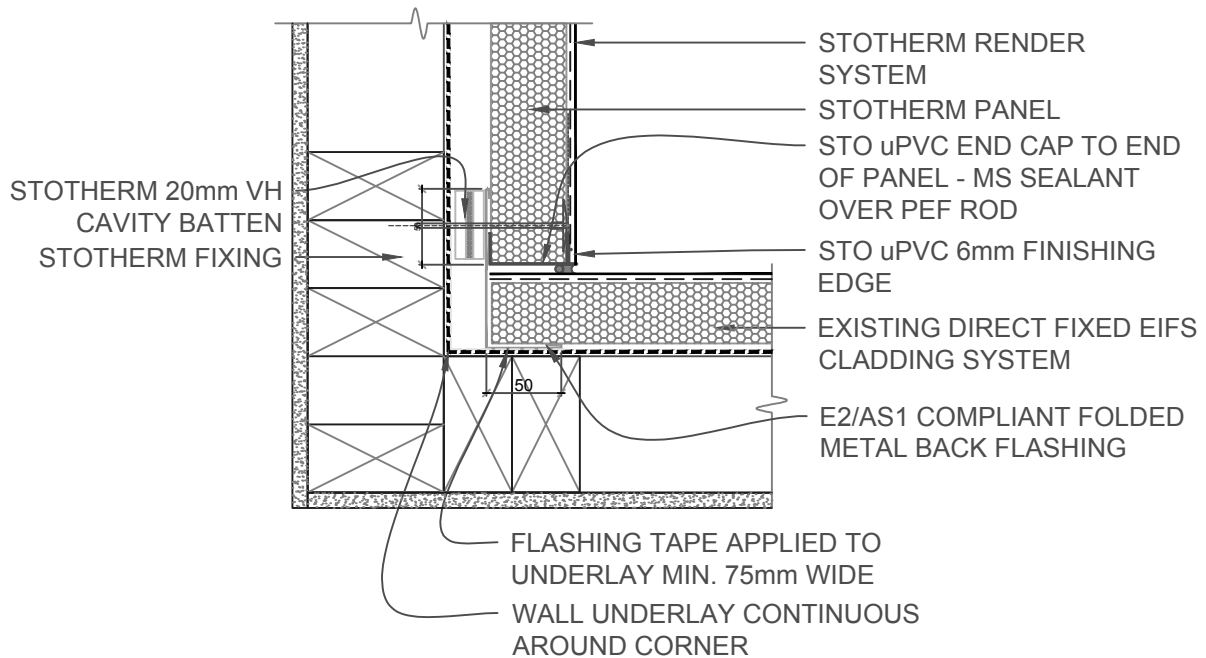


SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM HORIZONTAL JUNCTION WEATHERBOARD/STOTHERM	ST 808
		2017

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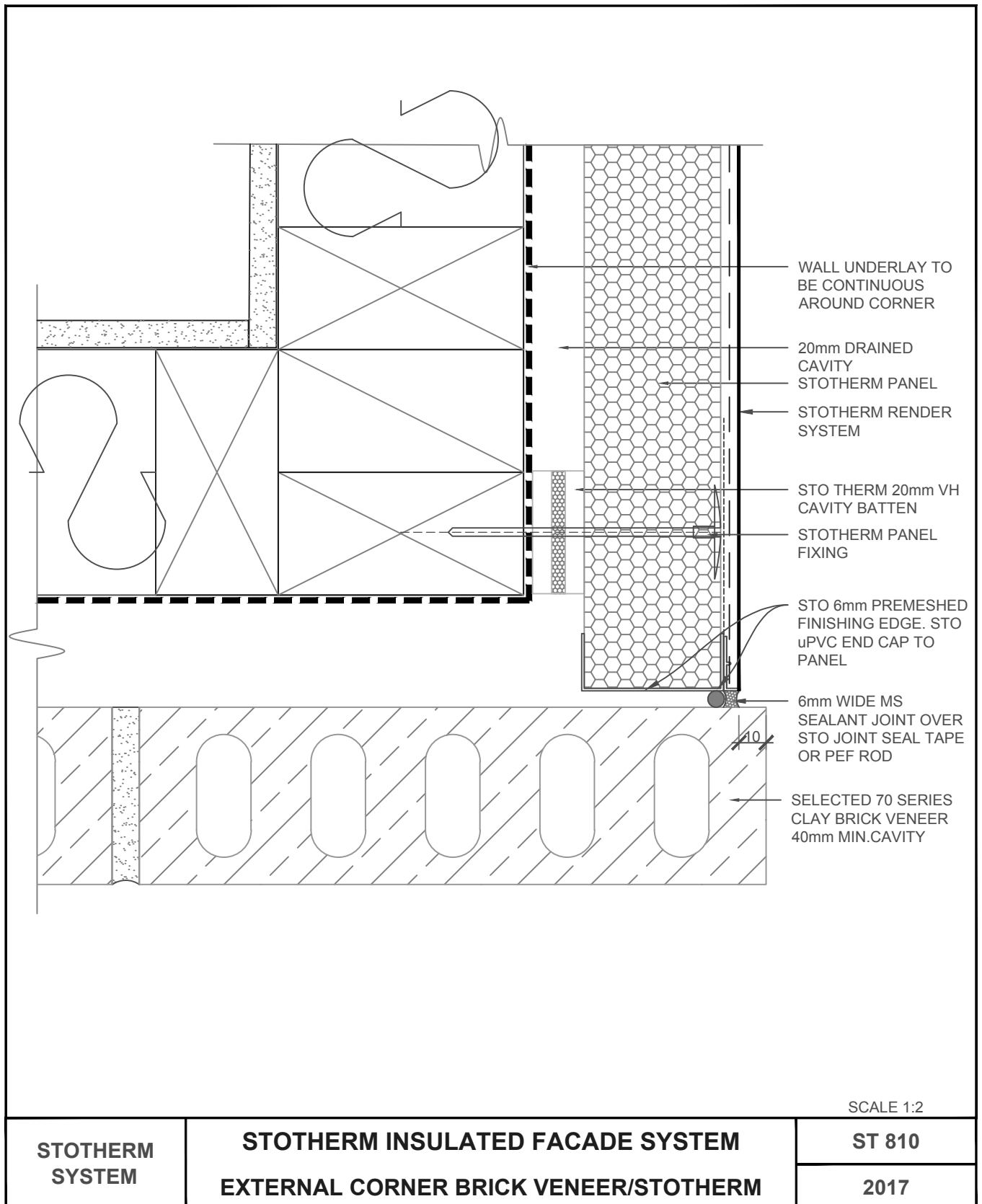


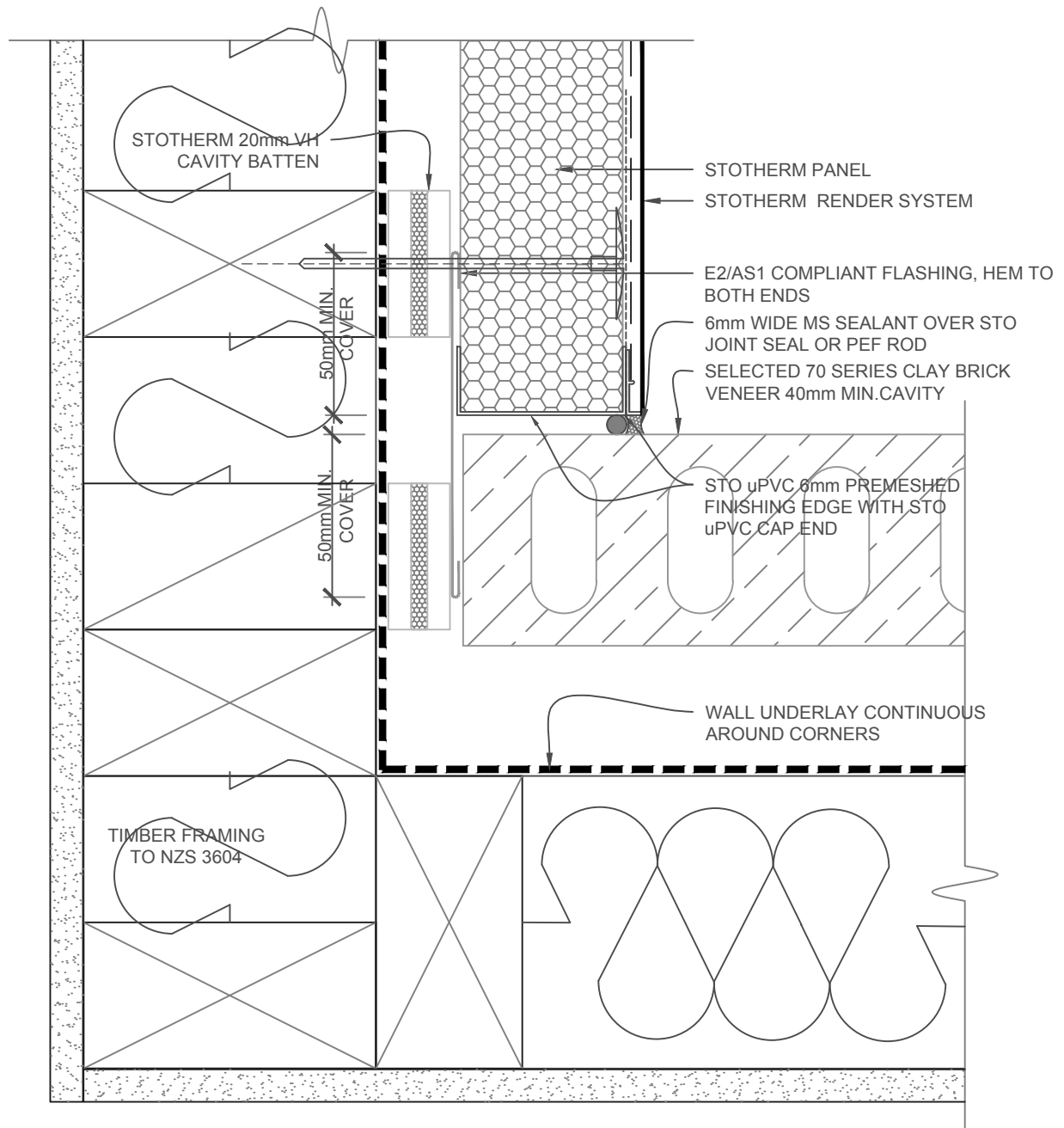


SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM INT.CORNER DIRECT FIXED EIFS TO STOTHERM	ST 810.1
		2017

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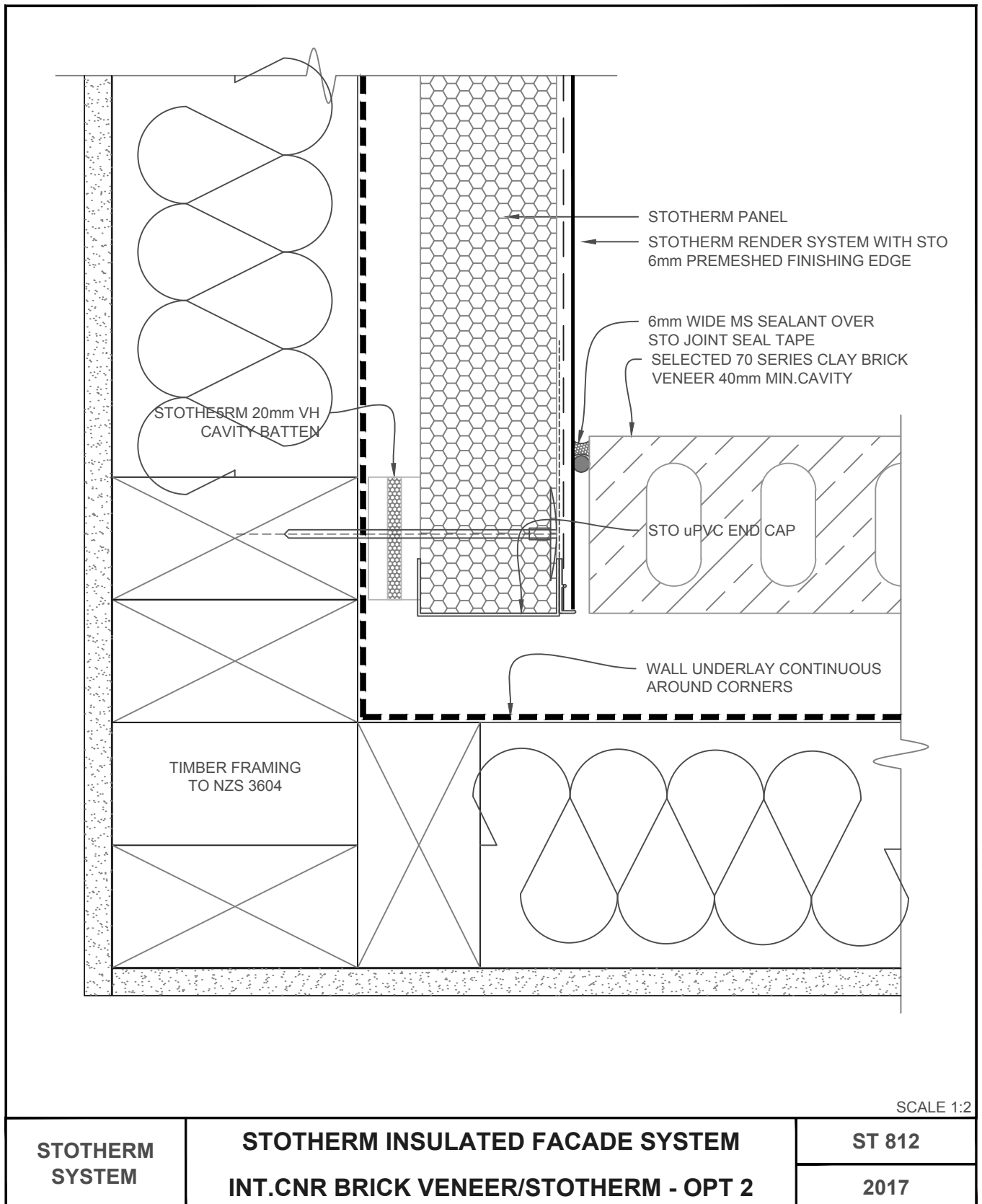


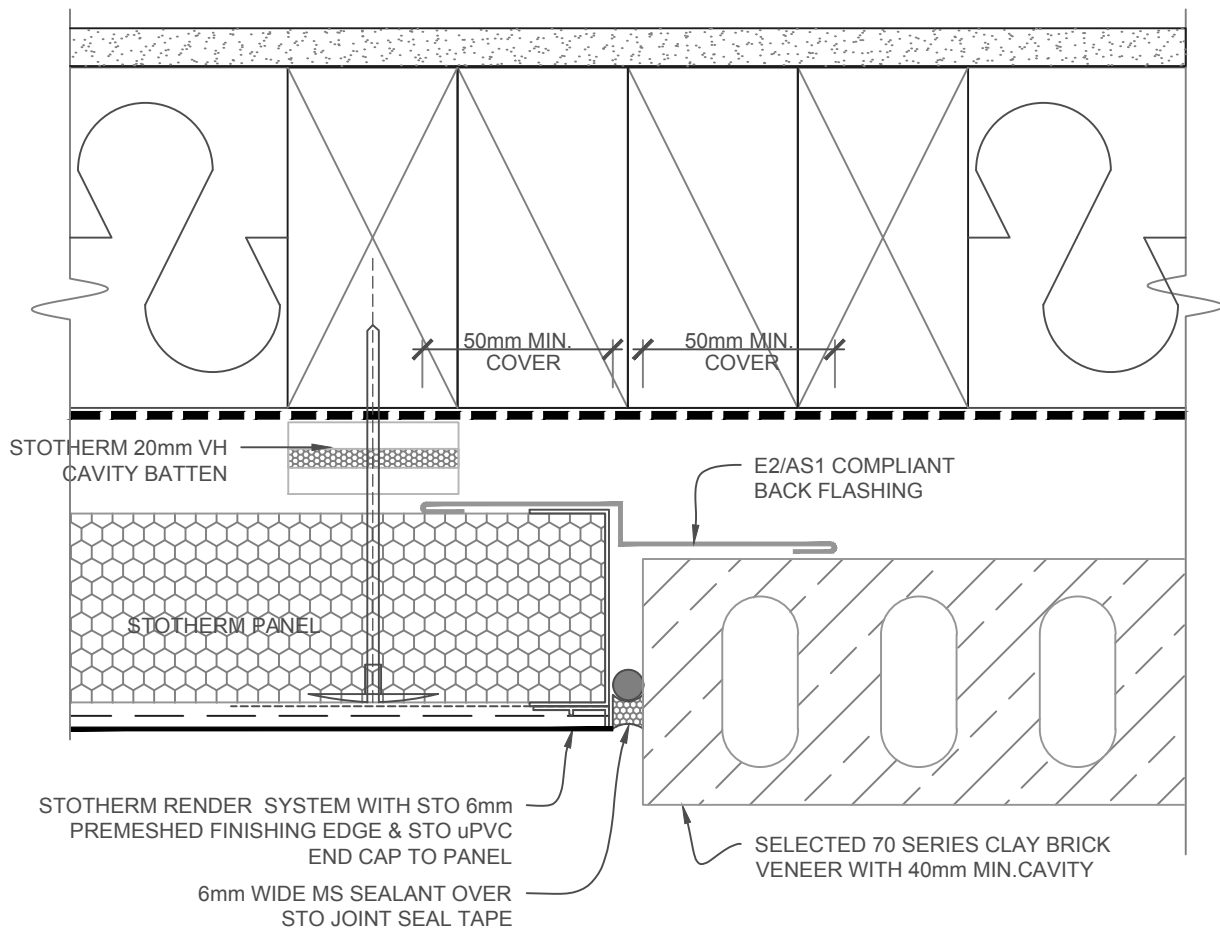


SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM INT.CNR BRICK VENEER/STOTHERM - OPT 1	ST 811
		2017

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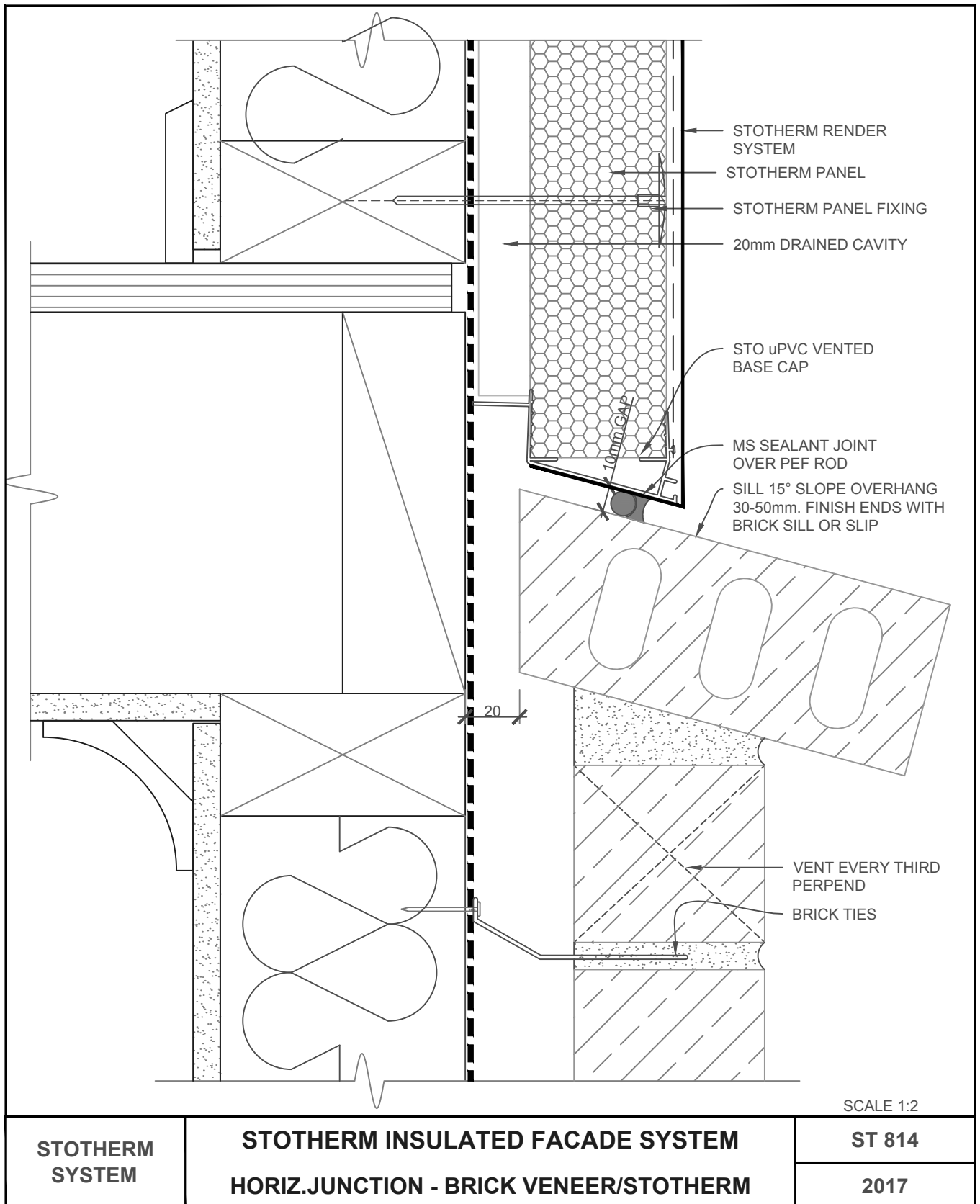


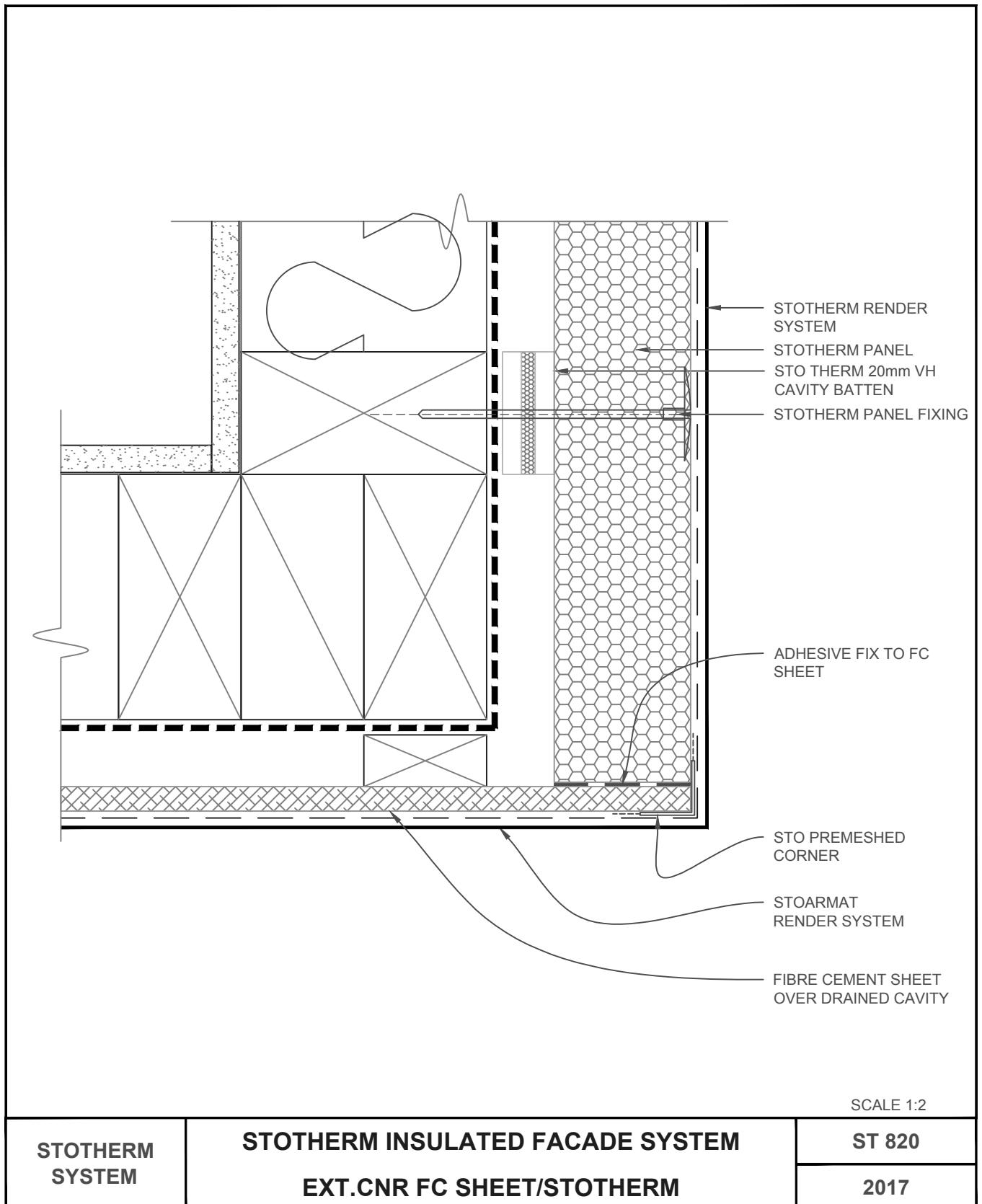


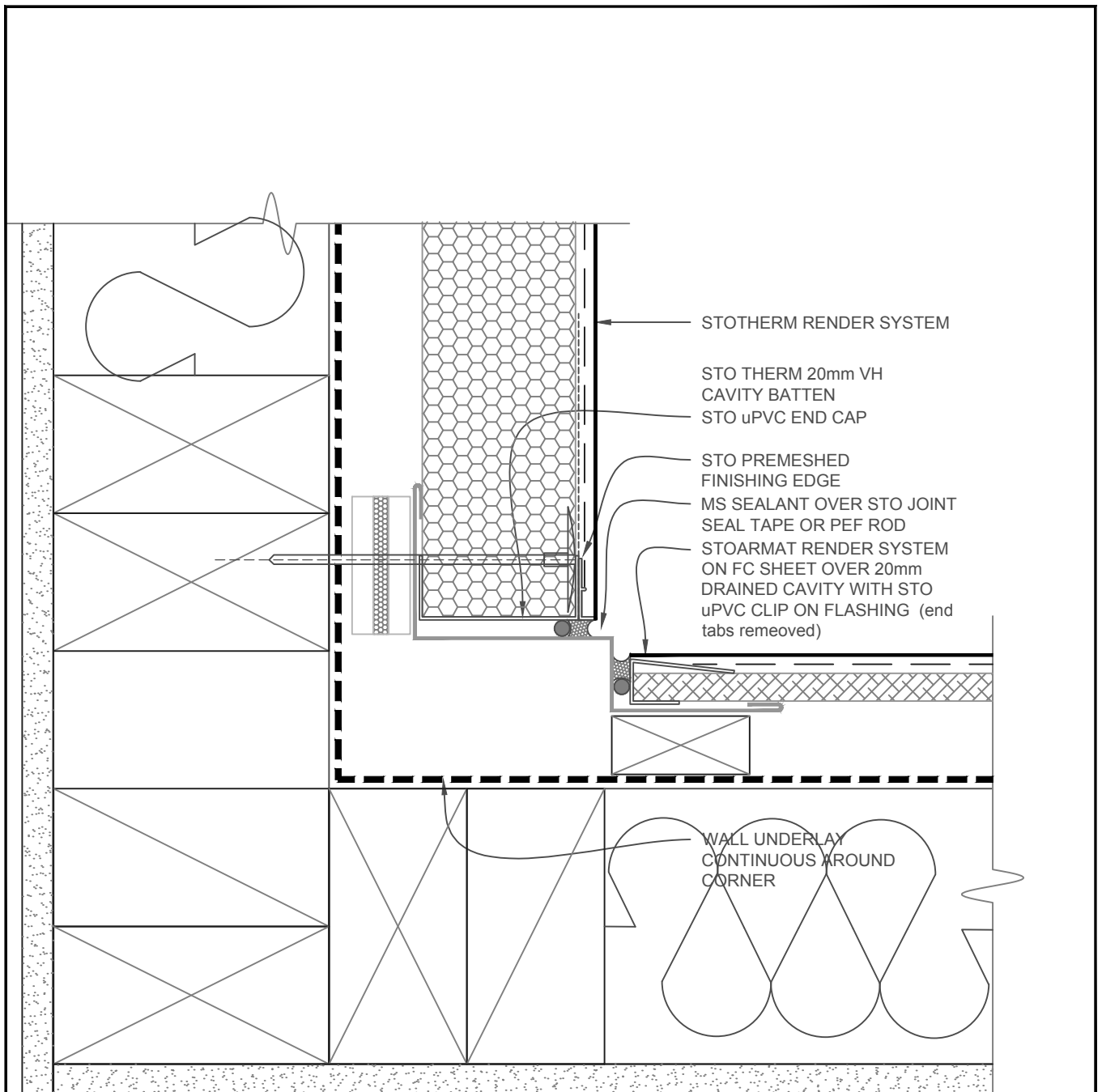
SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM VERTICAL JUNCTION - BRICK VENEER/STOTHERM	ST 813
		2017

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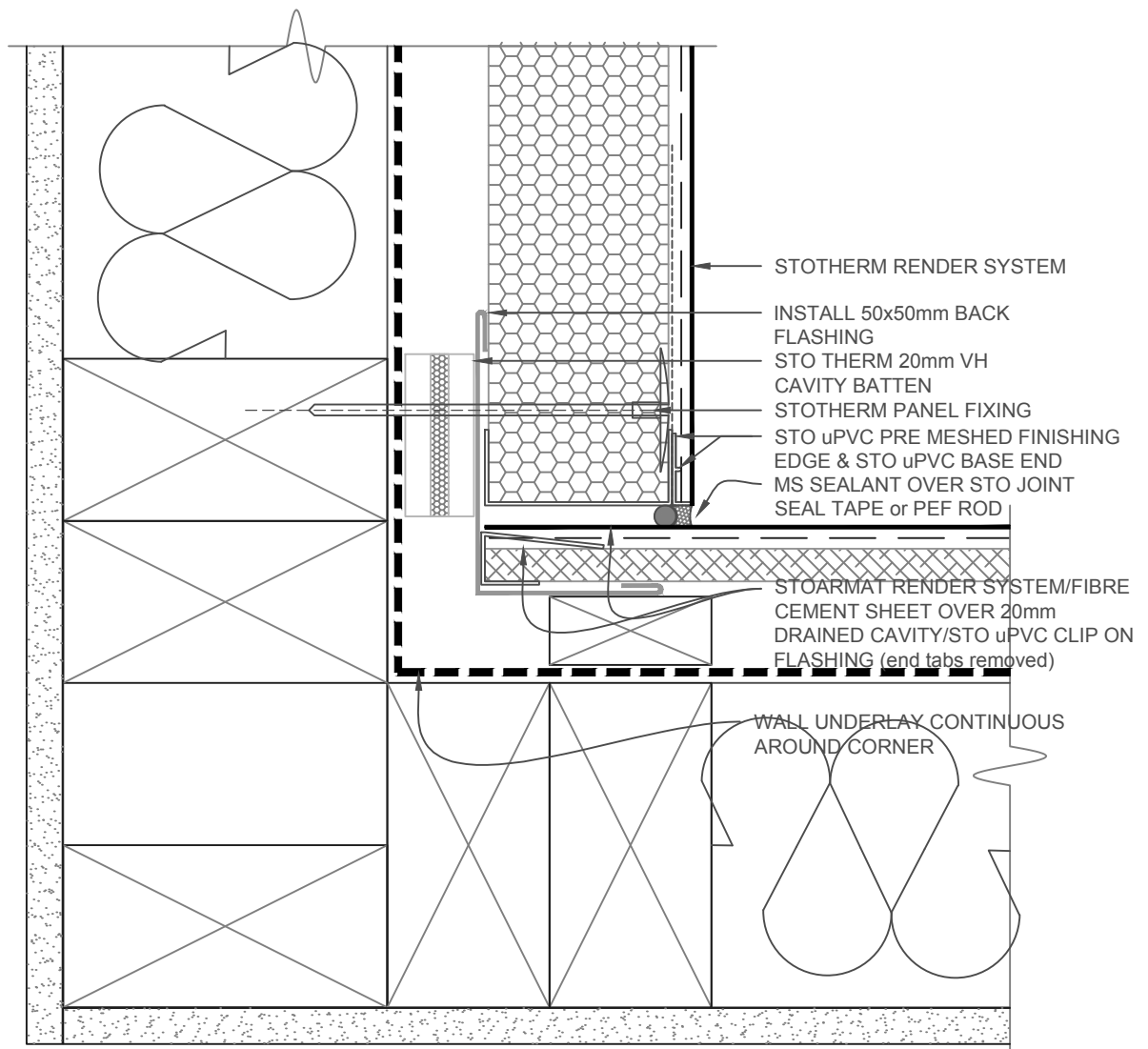




SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM INTERNAL.CORNER F C SHEET/STOTHERM - OPT 1	ST 821
		2017

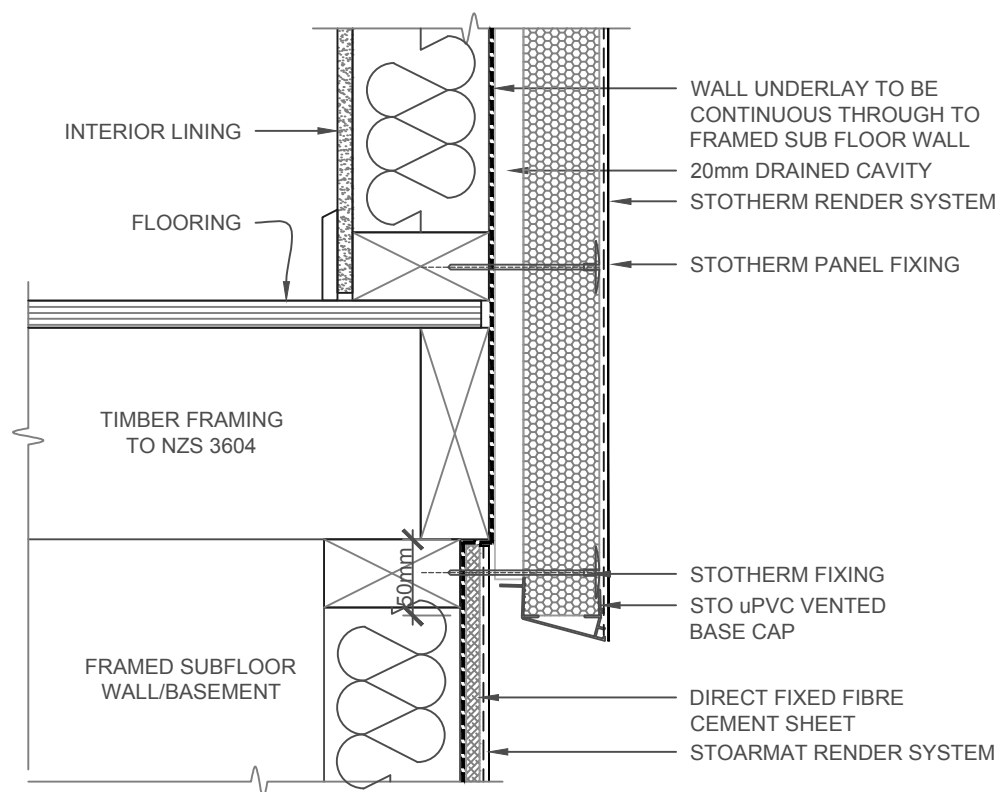
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SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM INTERNAL CORNER F C SHEET/STOTHERM - OPT 2	ST 822
		2017

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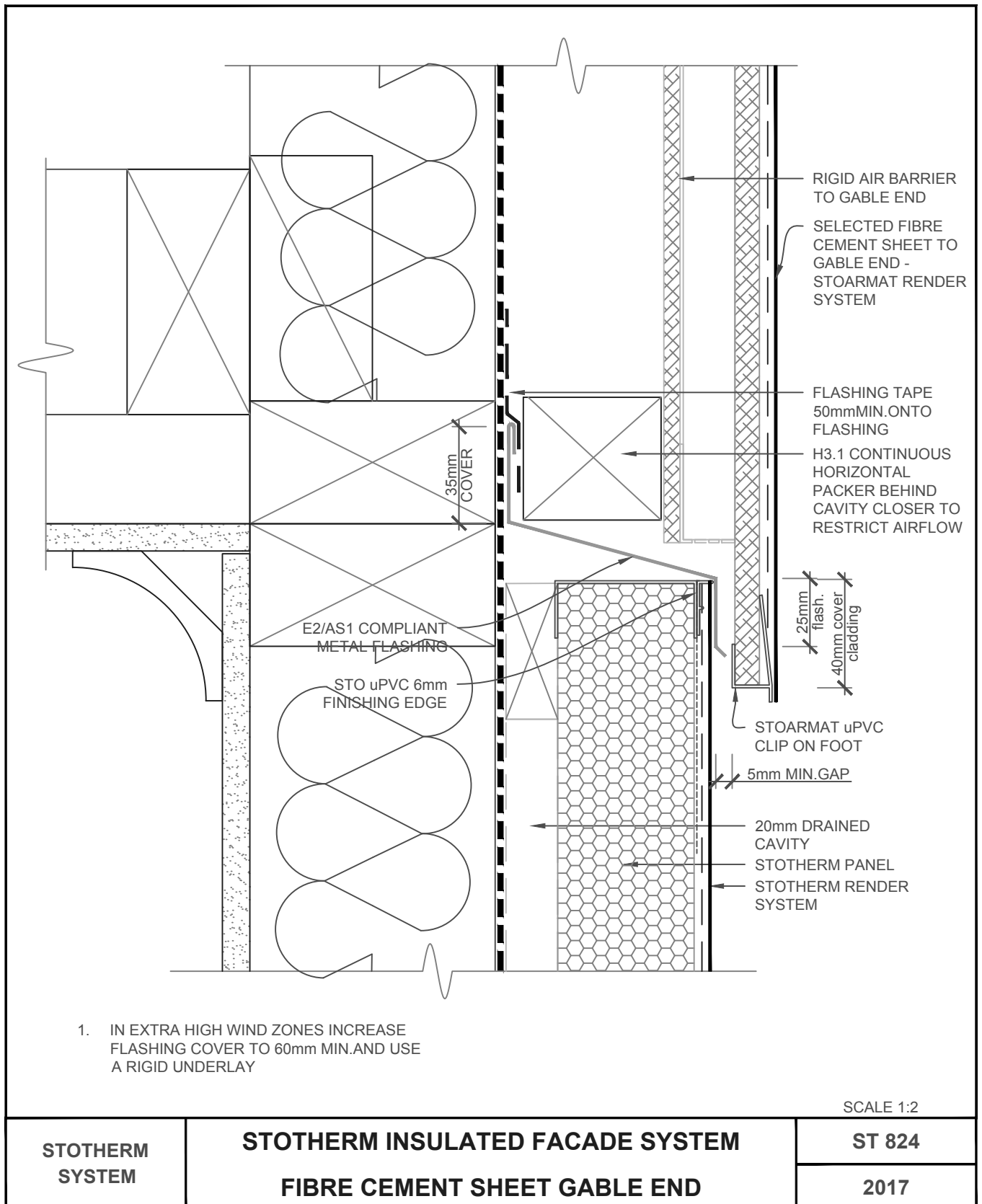


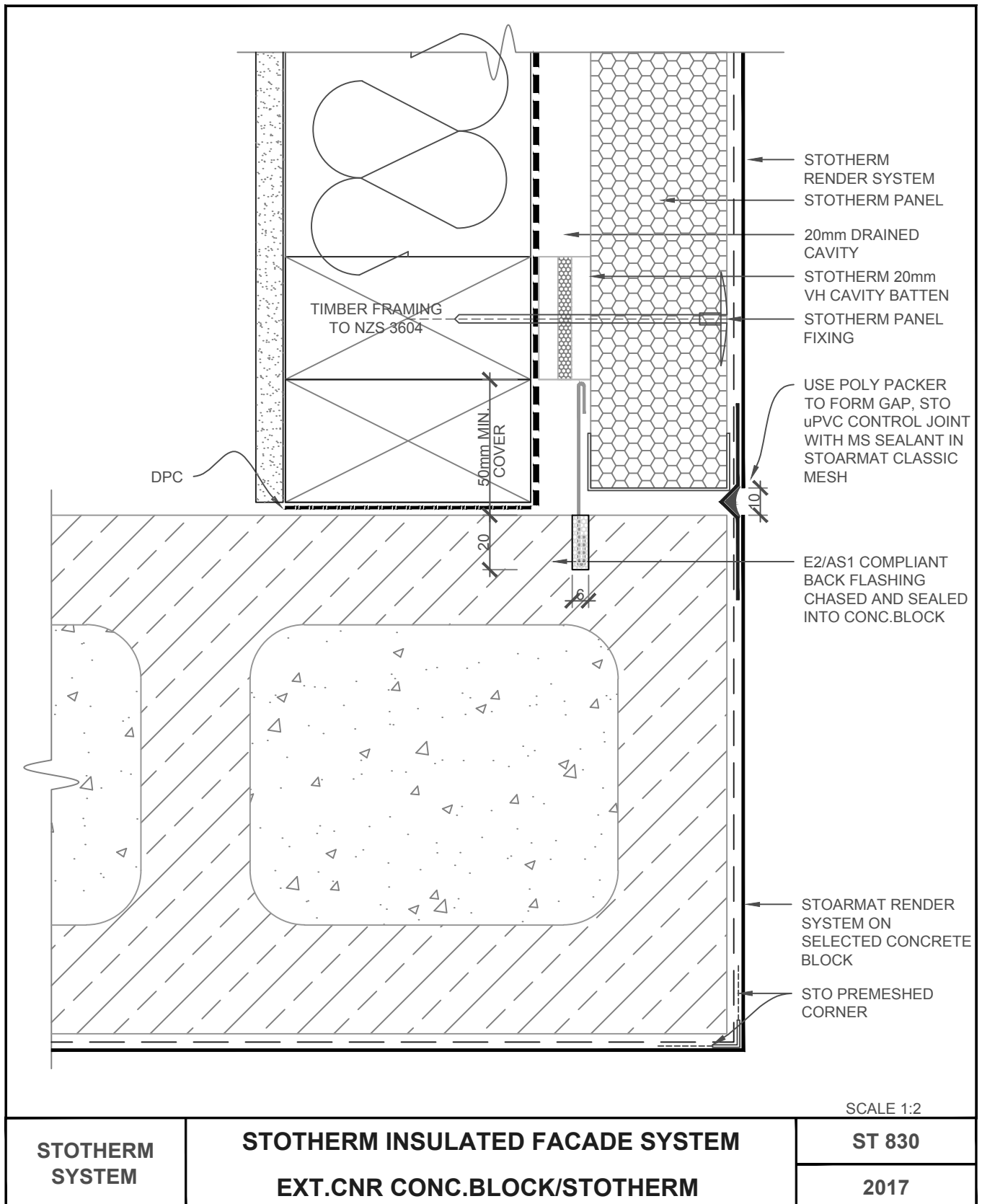
NOTE: FRAMED SUBFLOOR WALL OR BASEMENT -
NOT SUITABLE AS A WALL CLADDING WHERE E2/AS1
RISK MATRIX IS ABOVE 6

SCALE 1:5

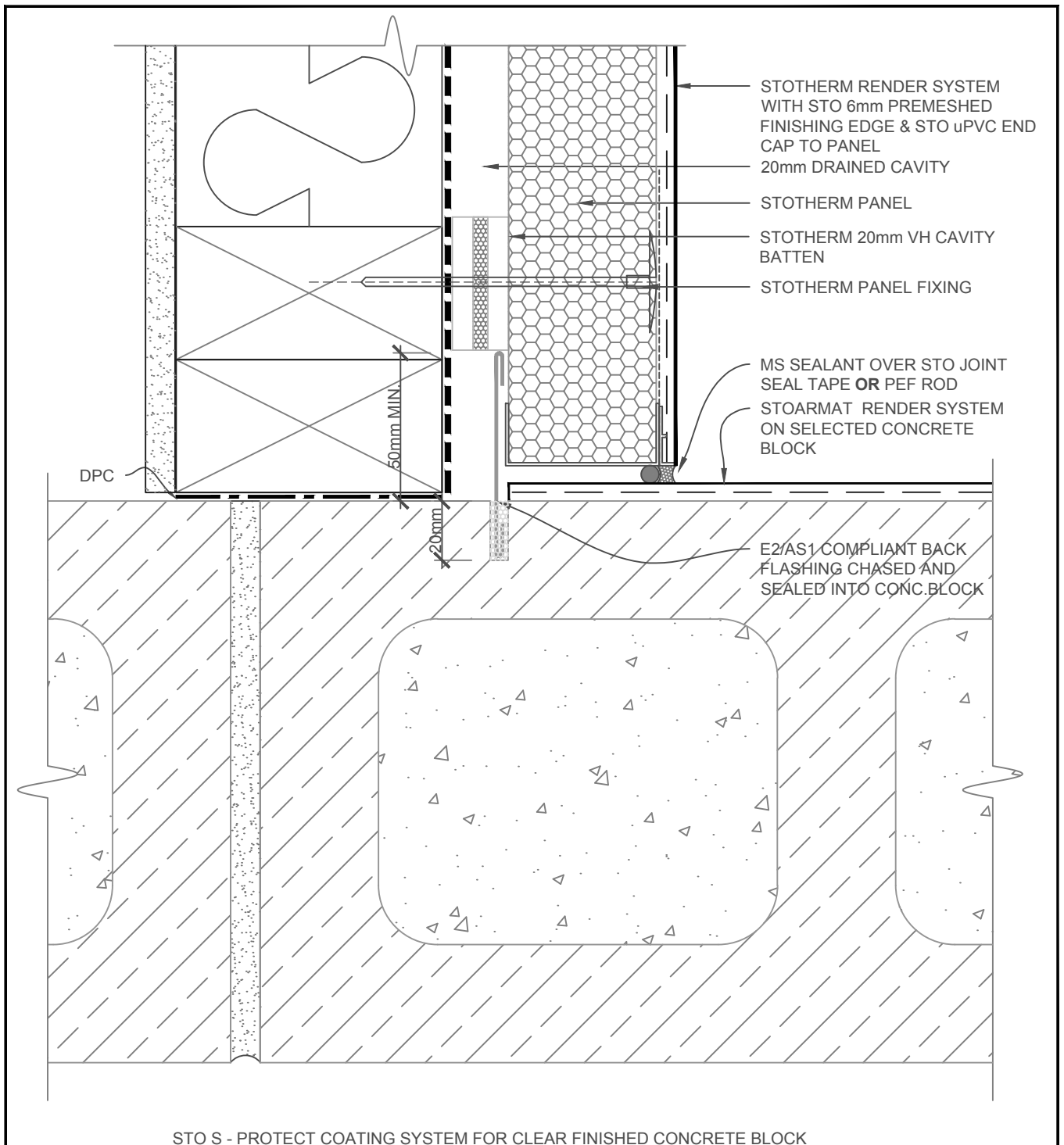
STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM FC SHEET - FRAMED SUB FLOOR CLADDING	ST 823
		2017

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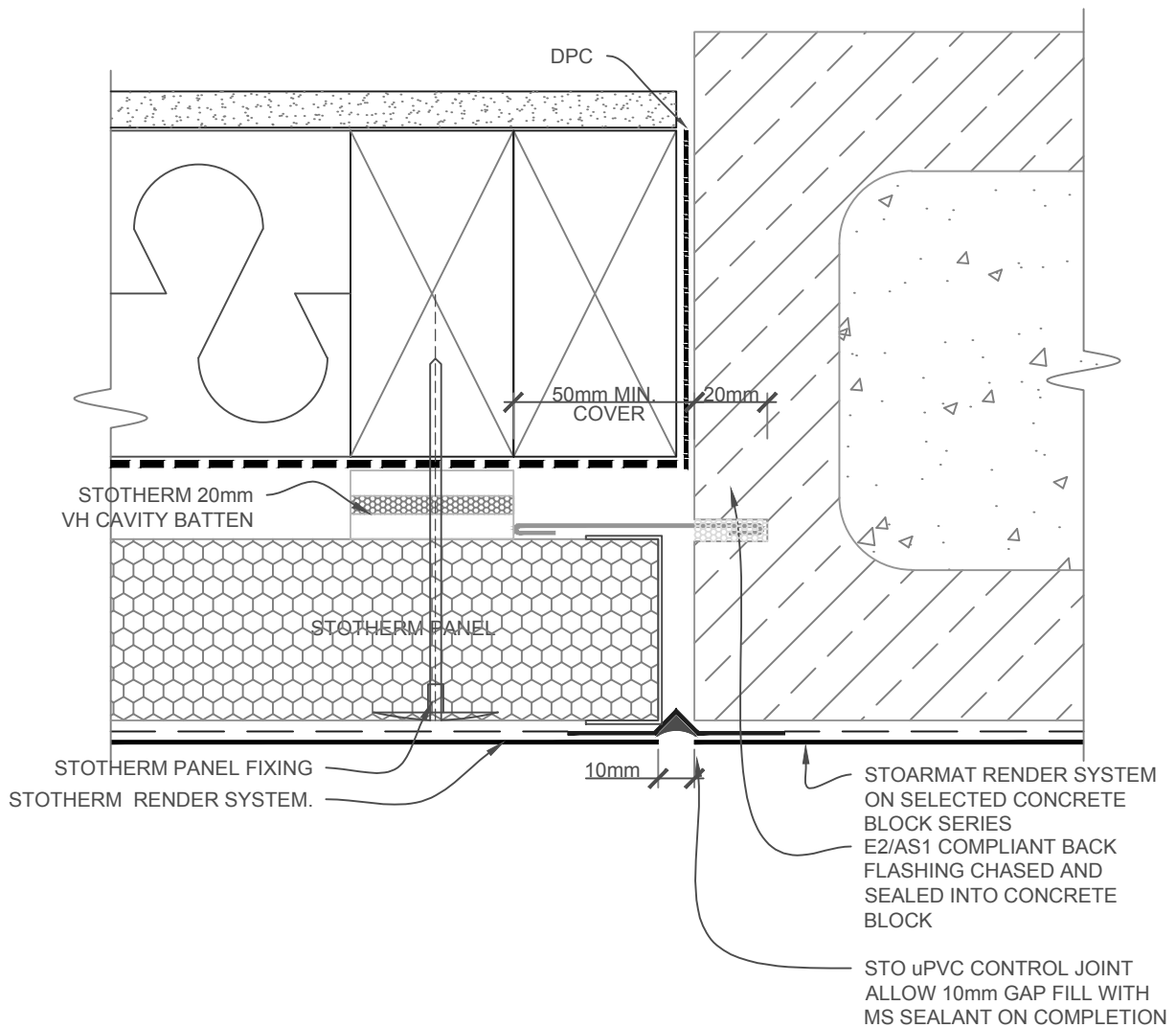
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SCALE 1:2

STO THERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM	ST 831
		2017

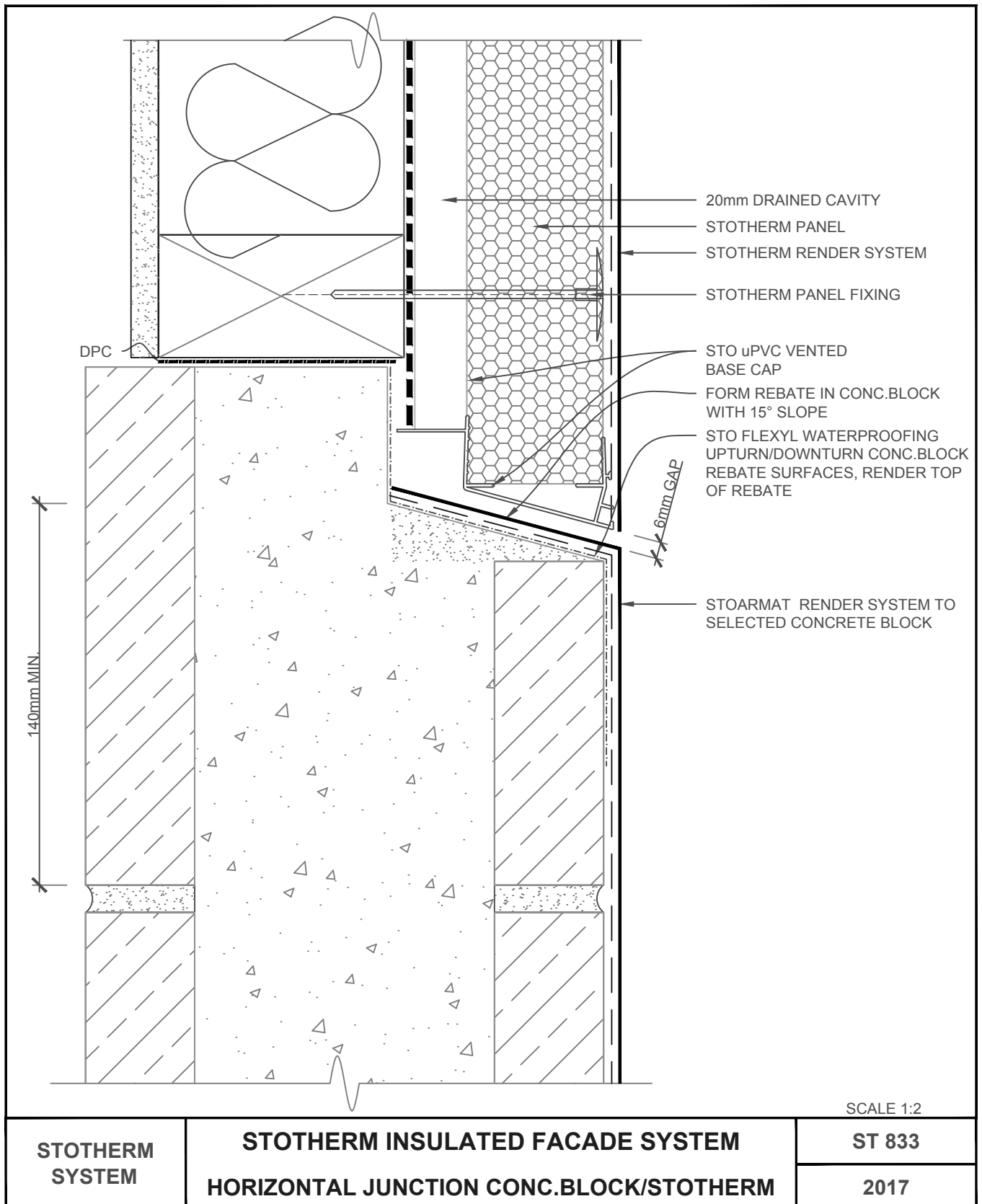
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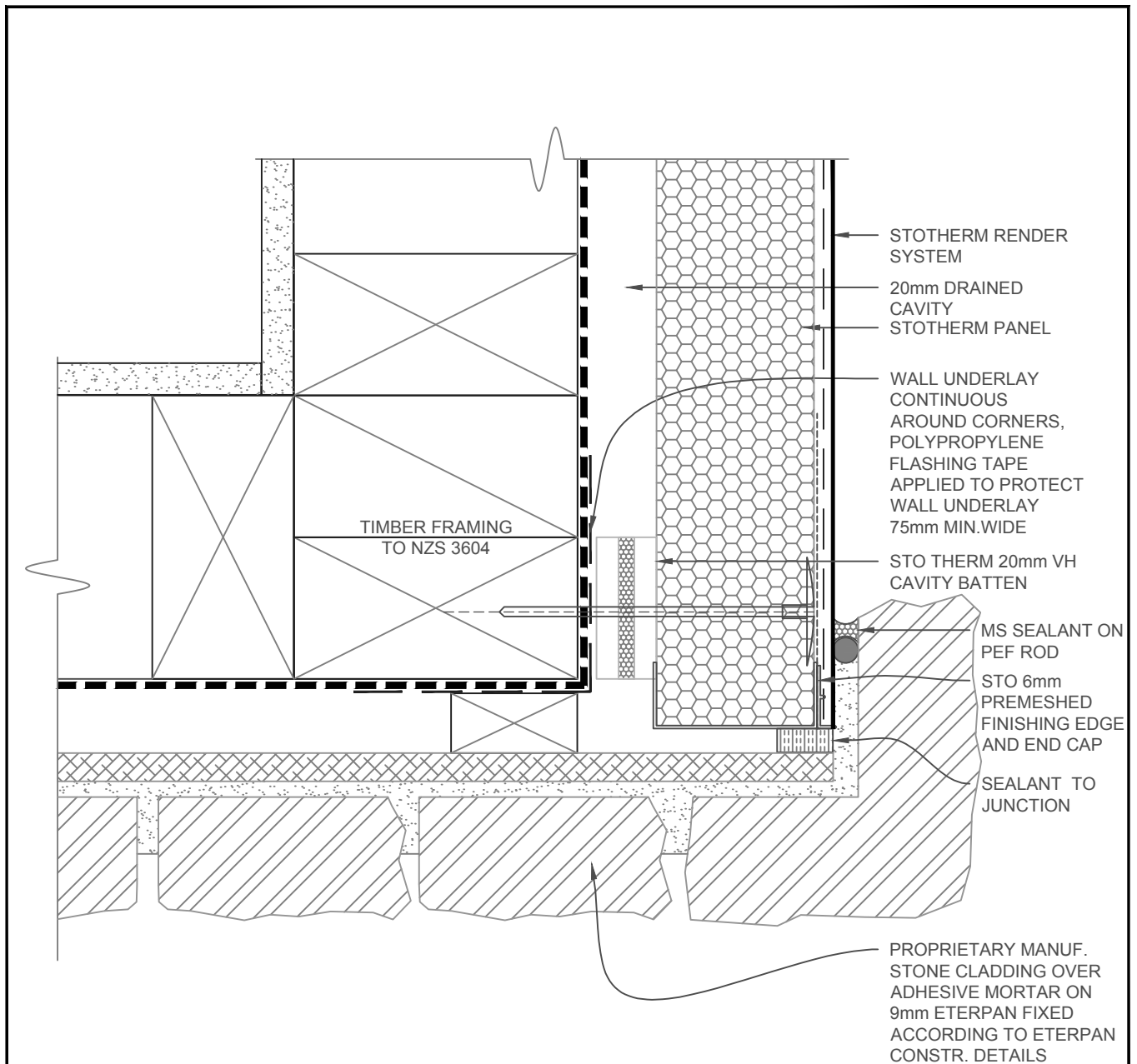
SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM VERTICAL JOINT CONC.BLOCK/STOTHERM	ST 832
		2017

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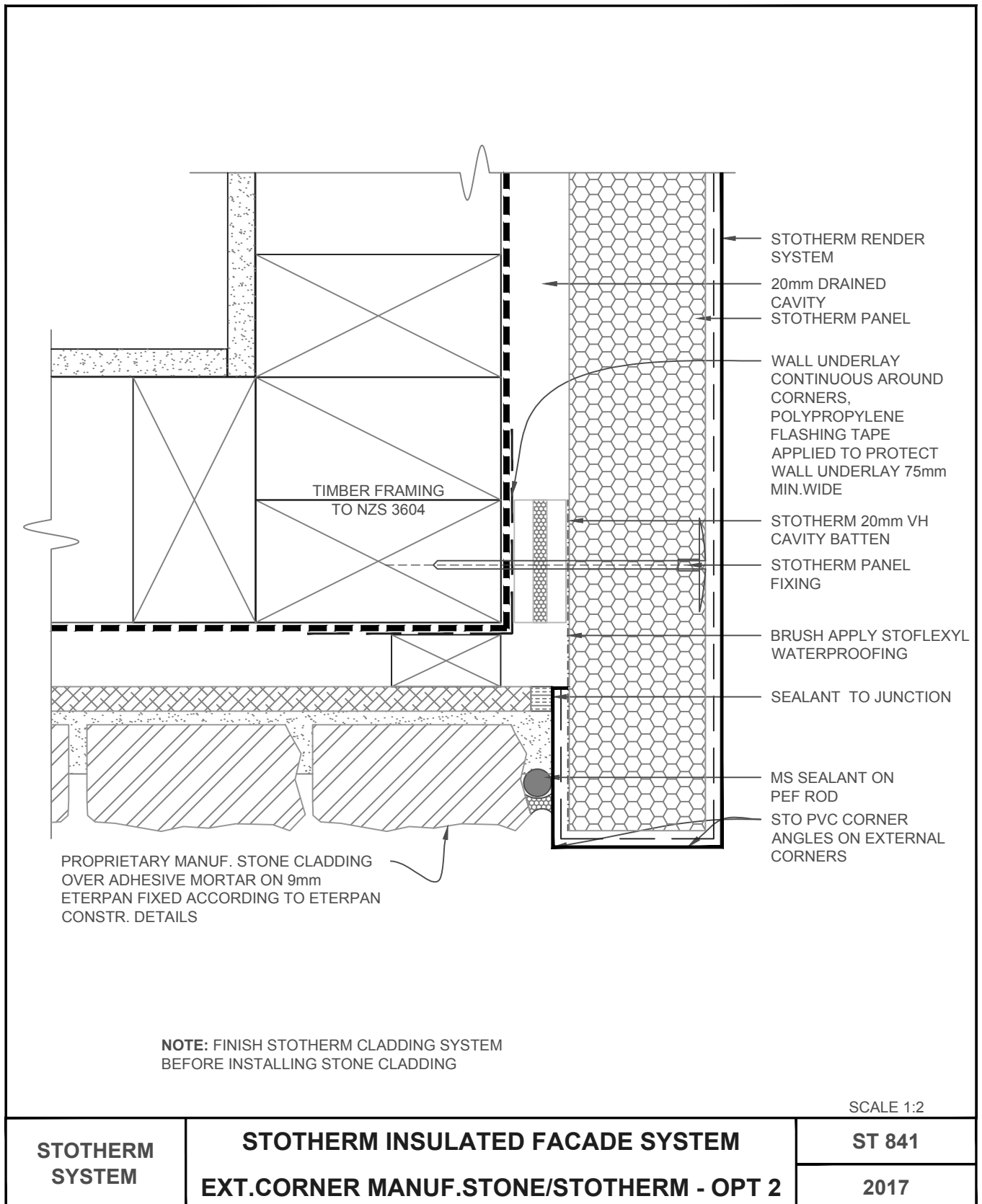


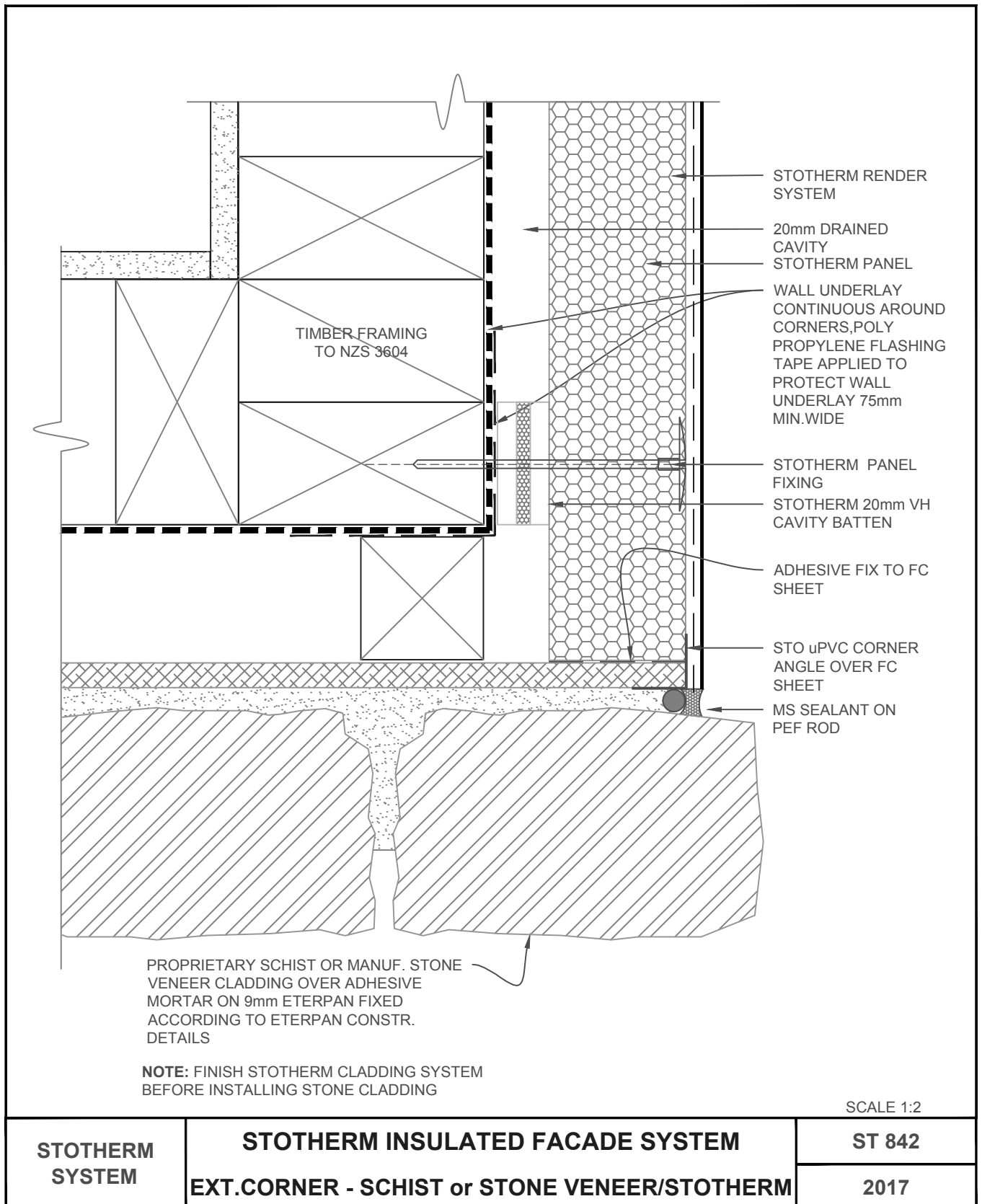
NOTE: FINISH STOTHERM CLADDING SYSTEM BEFORE INSTALLING STONE CLADDING

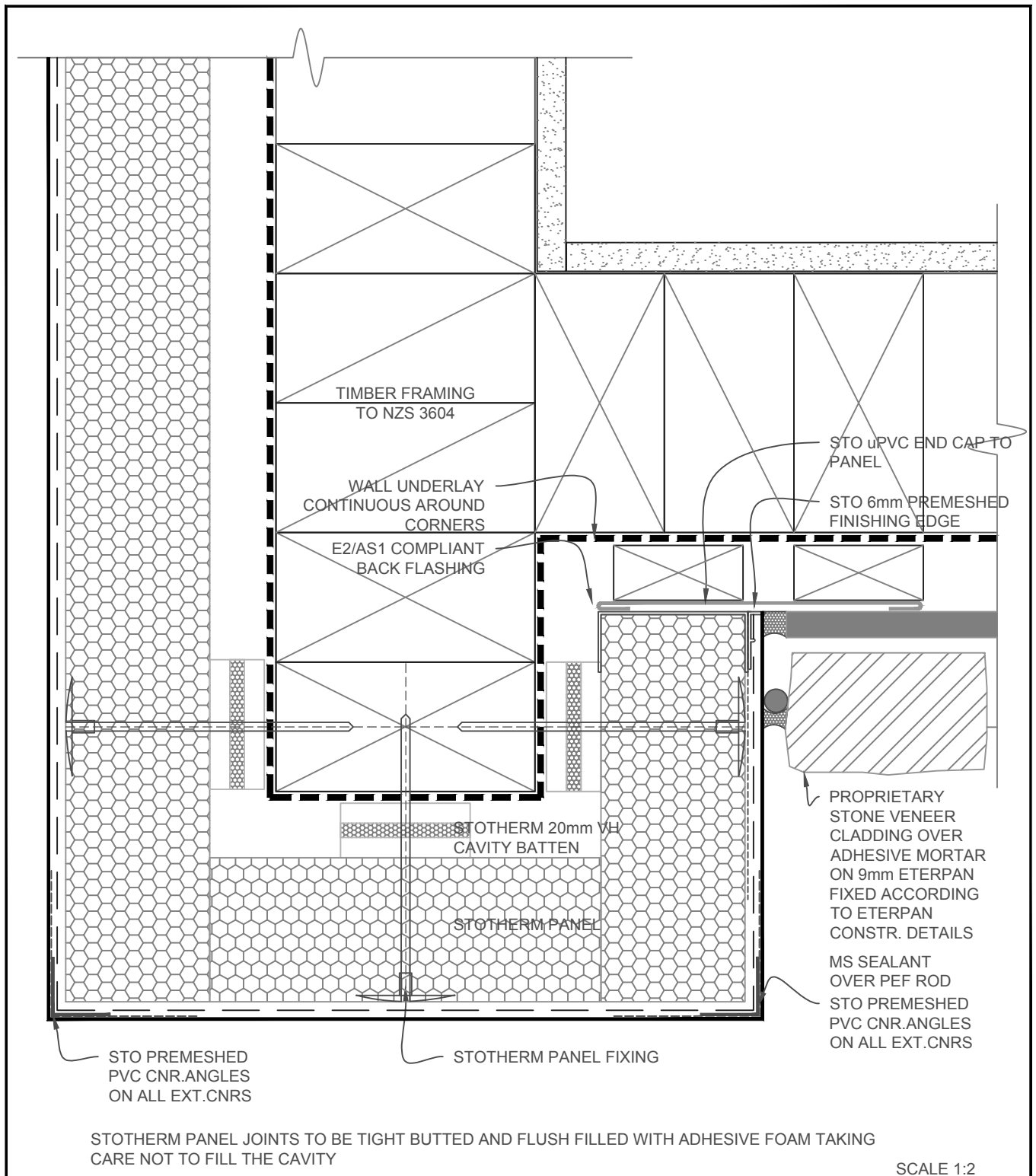
SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM EXT.CORNER - MANUF.STONE/STOTHERM - OPT 1	ST 840
		2017

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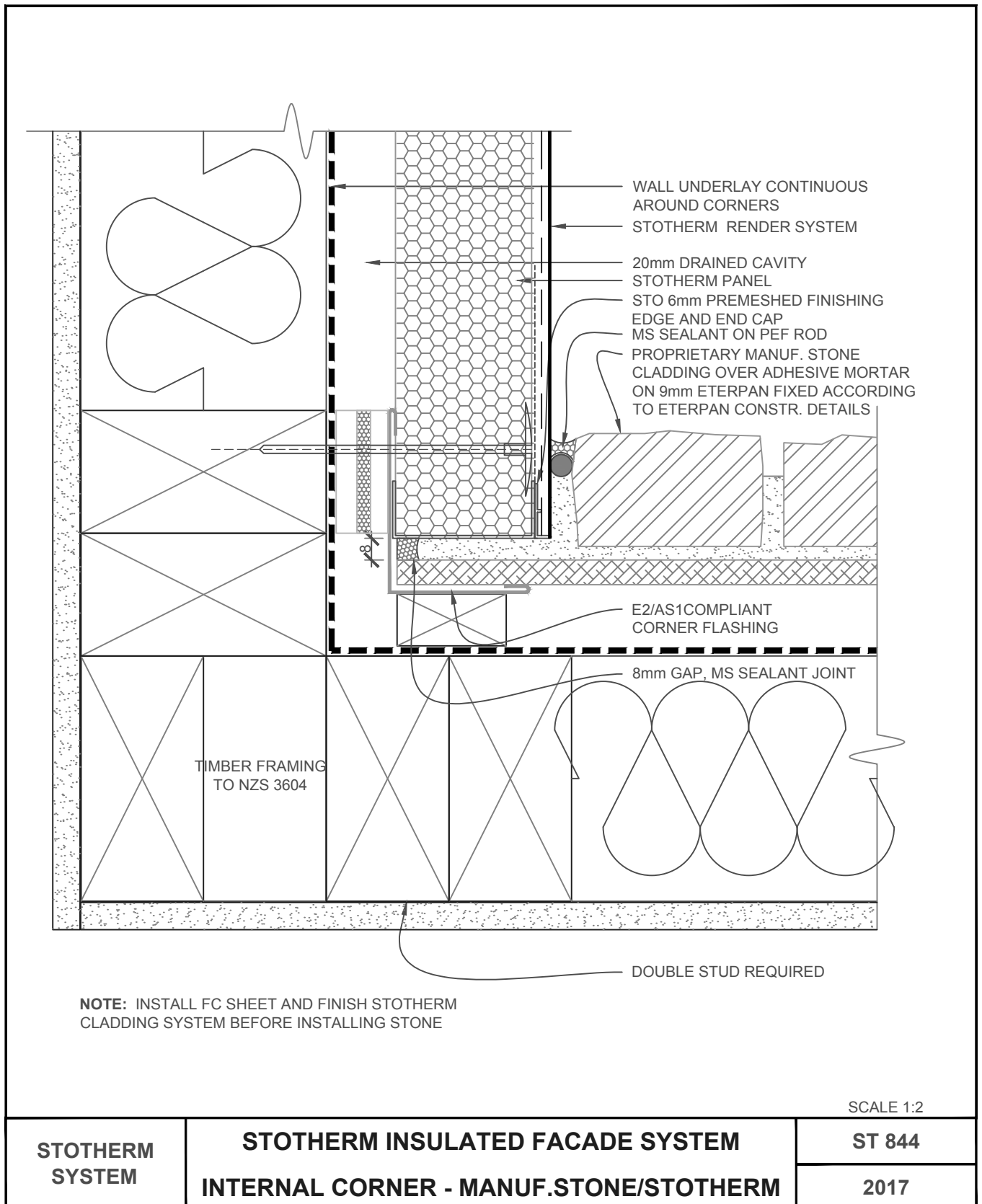


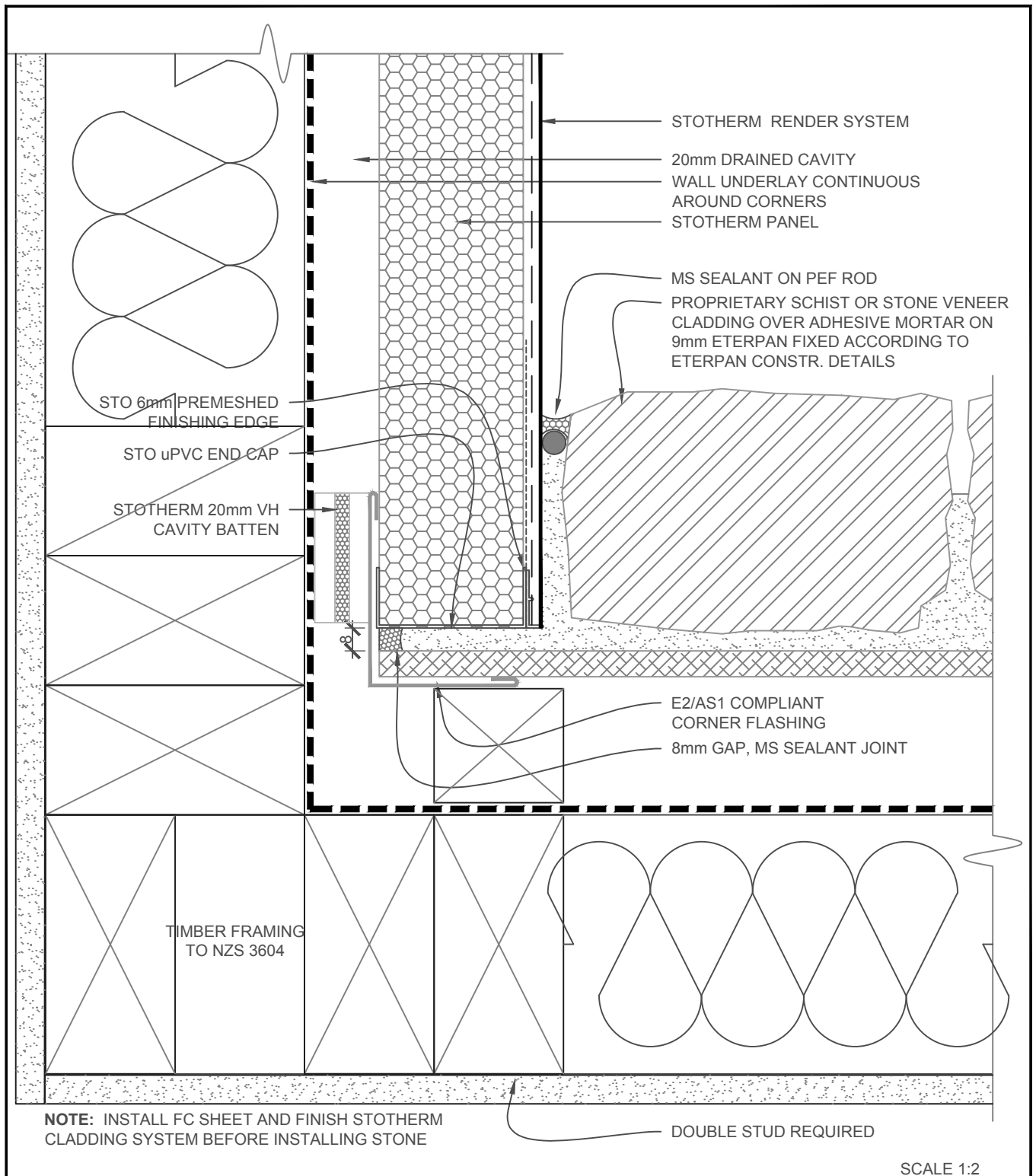




STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM BOXED EXT.CORNER - STONE VENEER/STOTHERM	ST 843
		2017

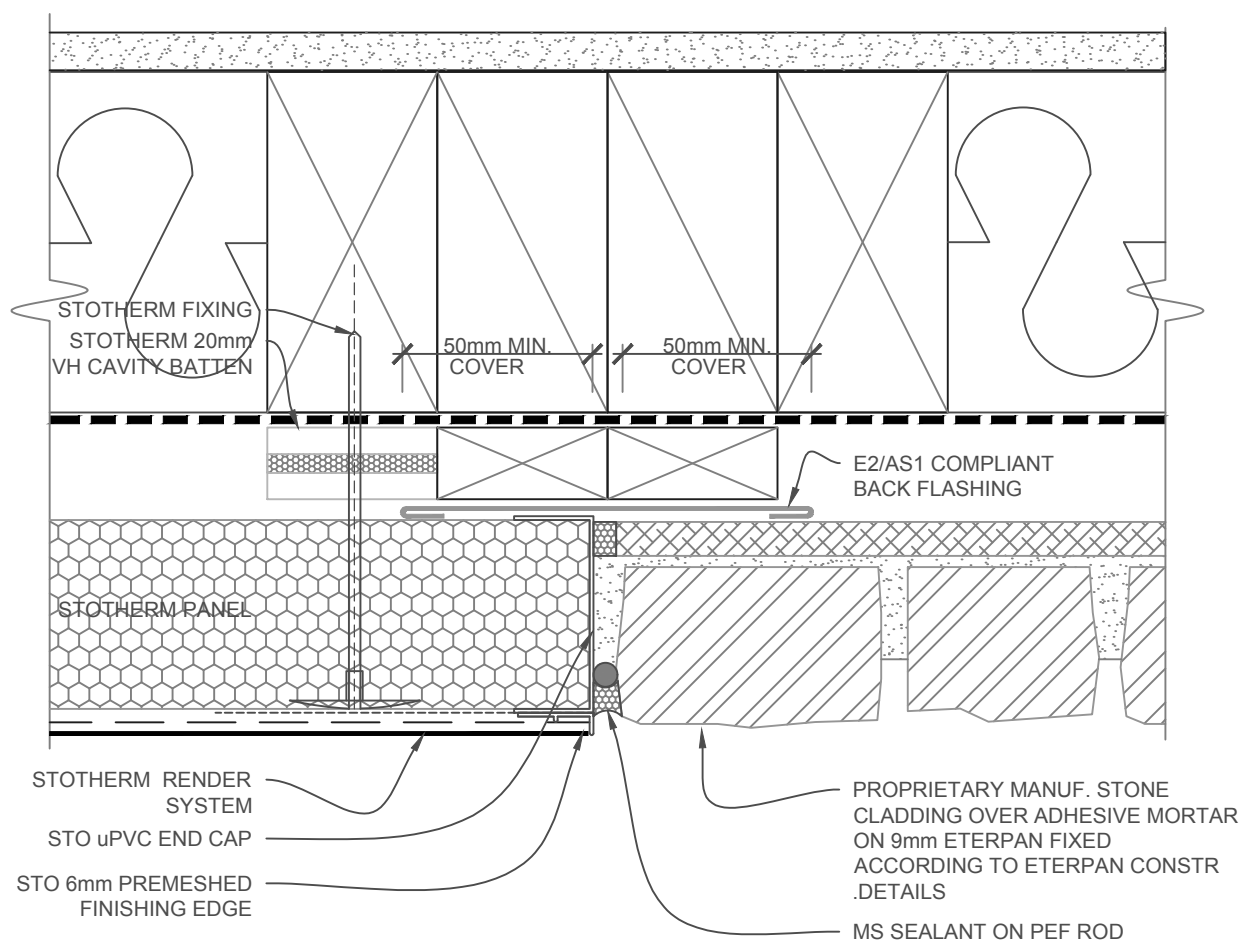
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STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM INT.CNR SCHIST or STONE VENEER/STOTHERM	ST 845
		2017

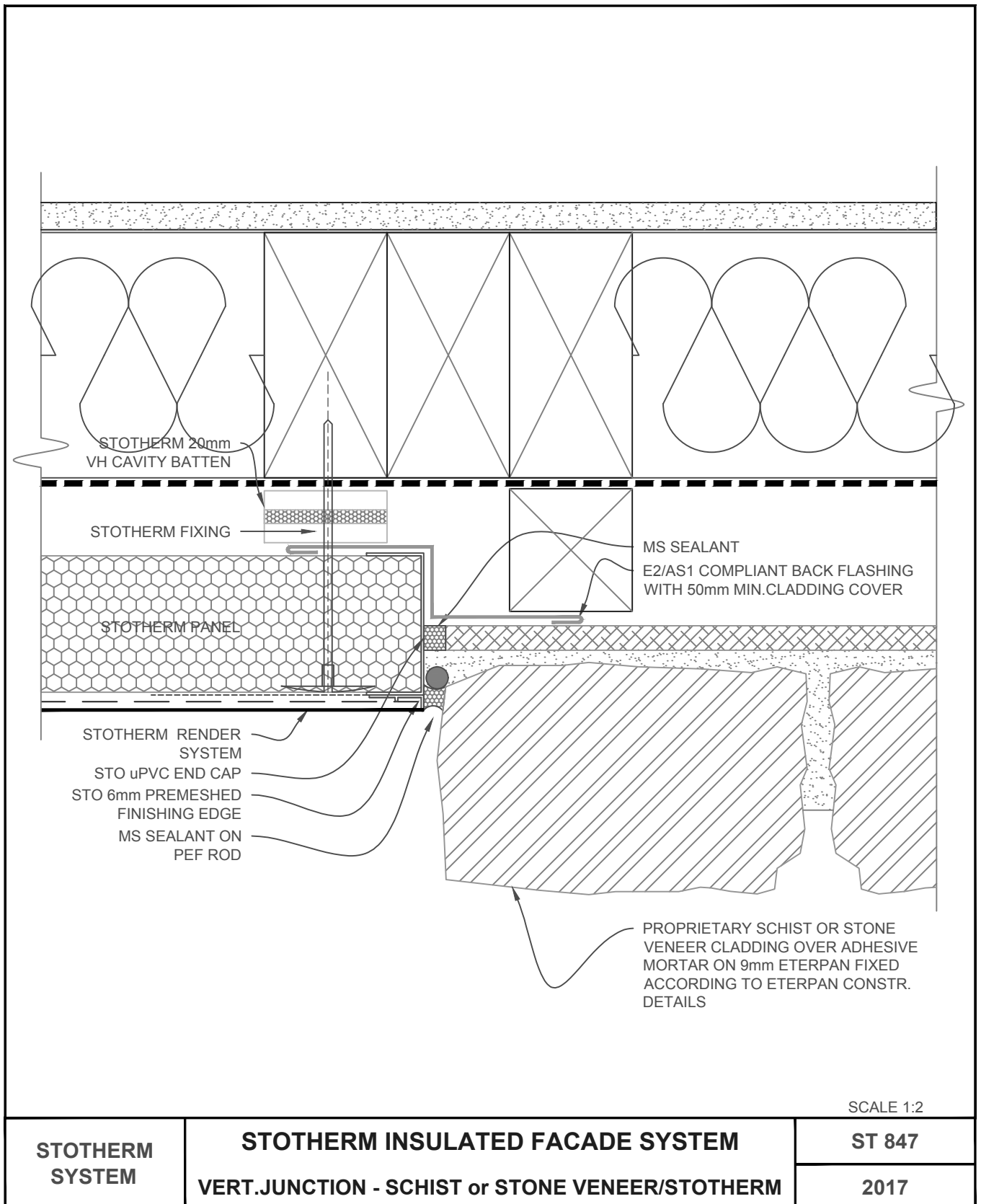
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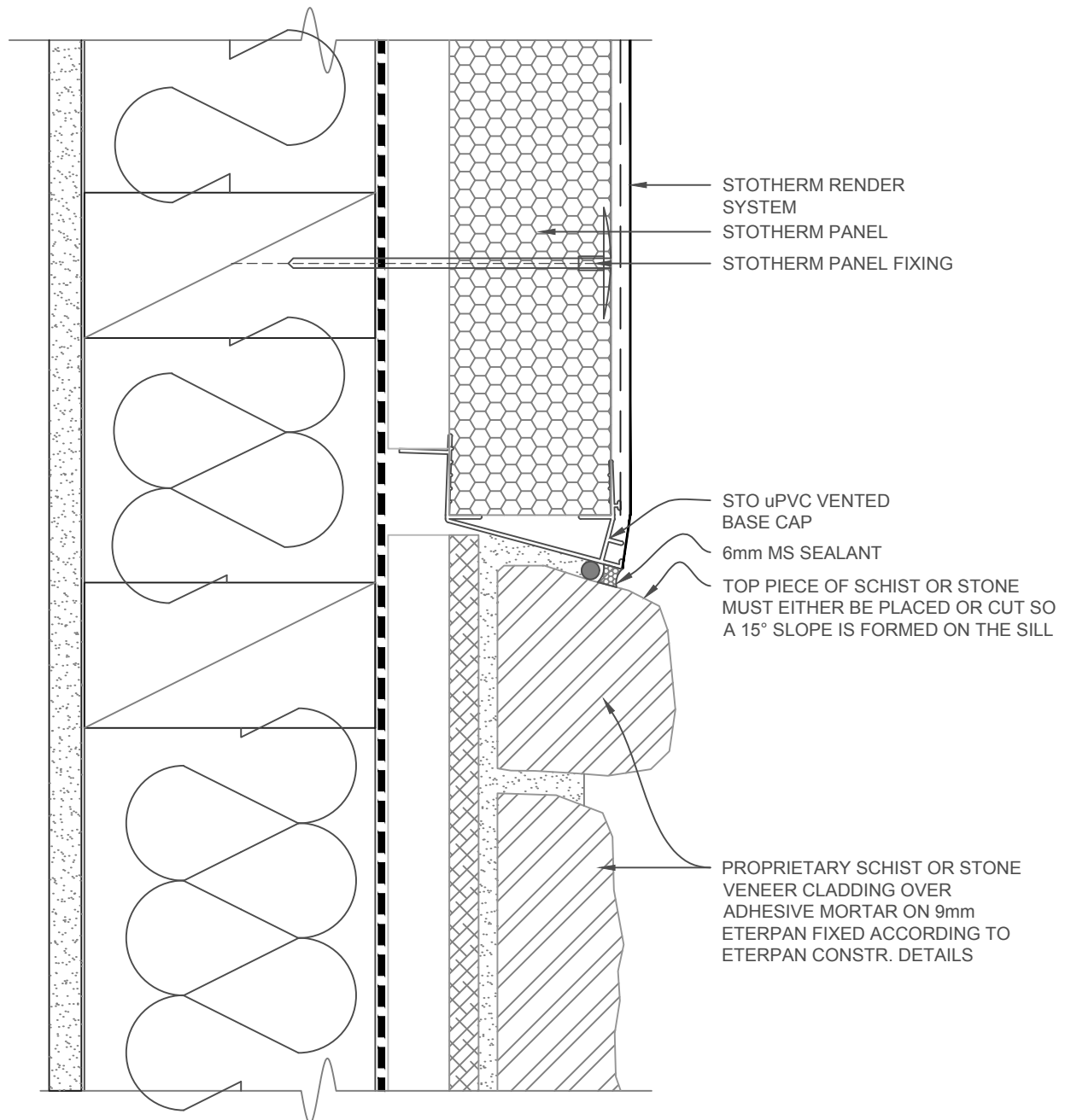


SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM VERTICAL JUNCTION - MANUF.STONE/STOTHERM	ST 846
		2017

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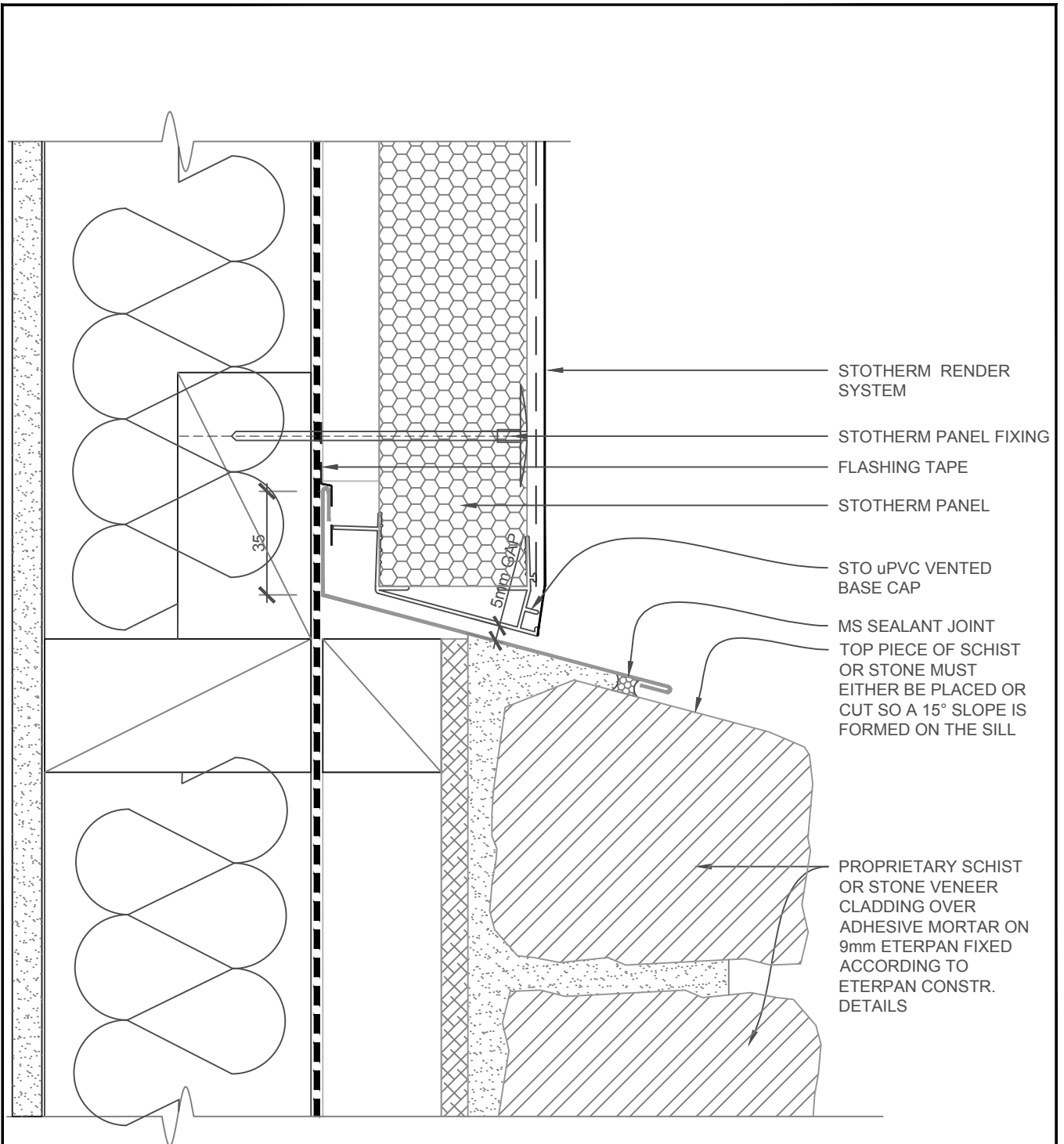




SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM HORIZ.JUNCTION - MANUF.STONE/STOTHERM	ST 848
		2017

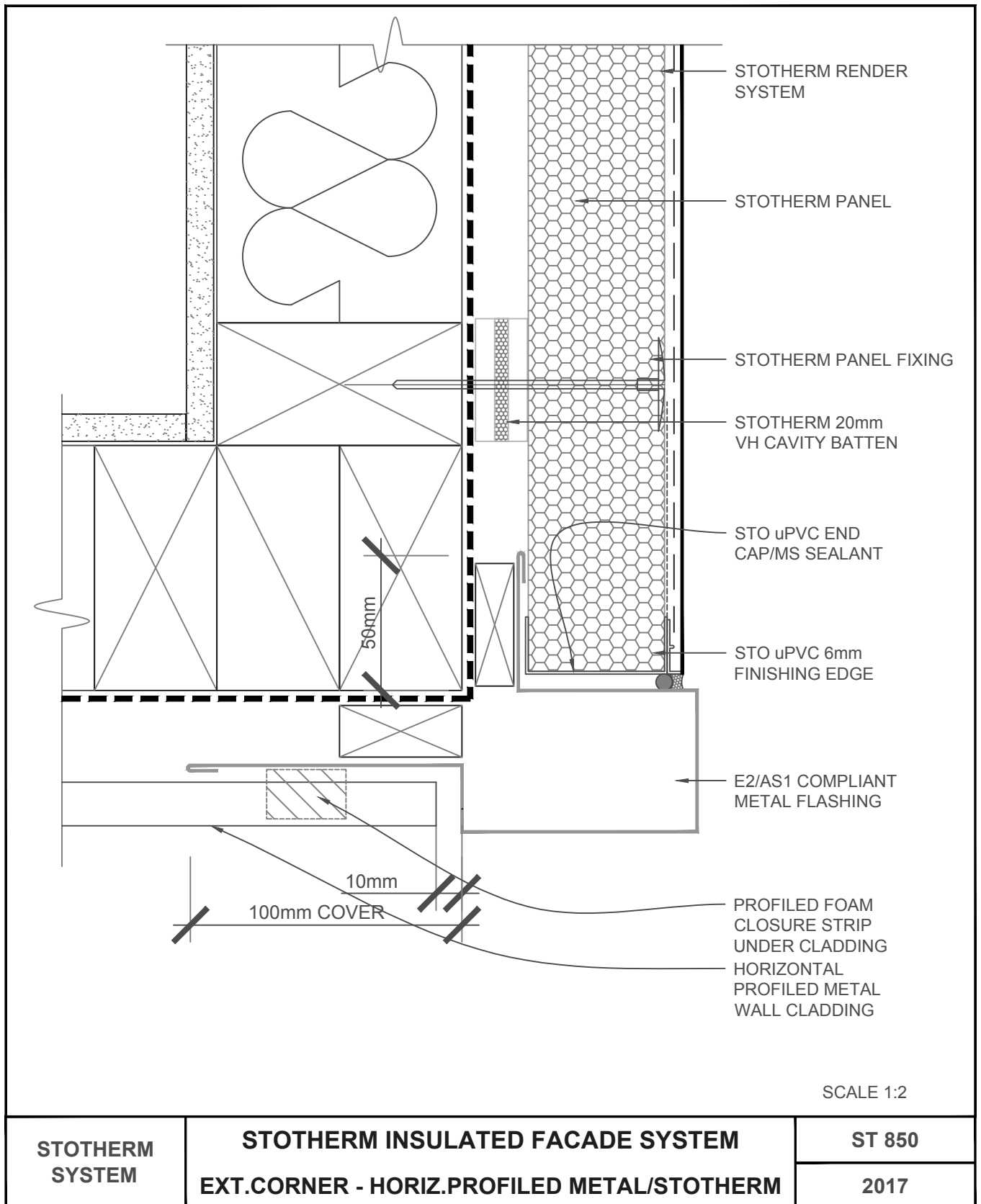
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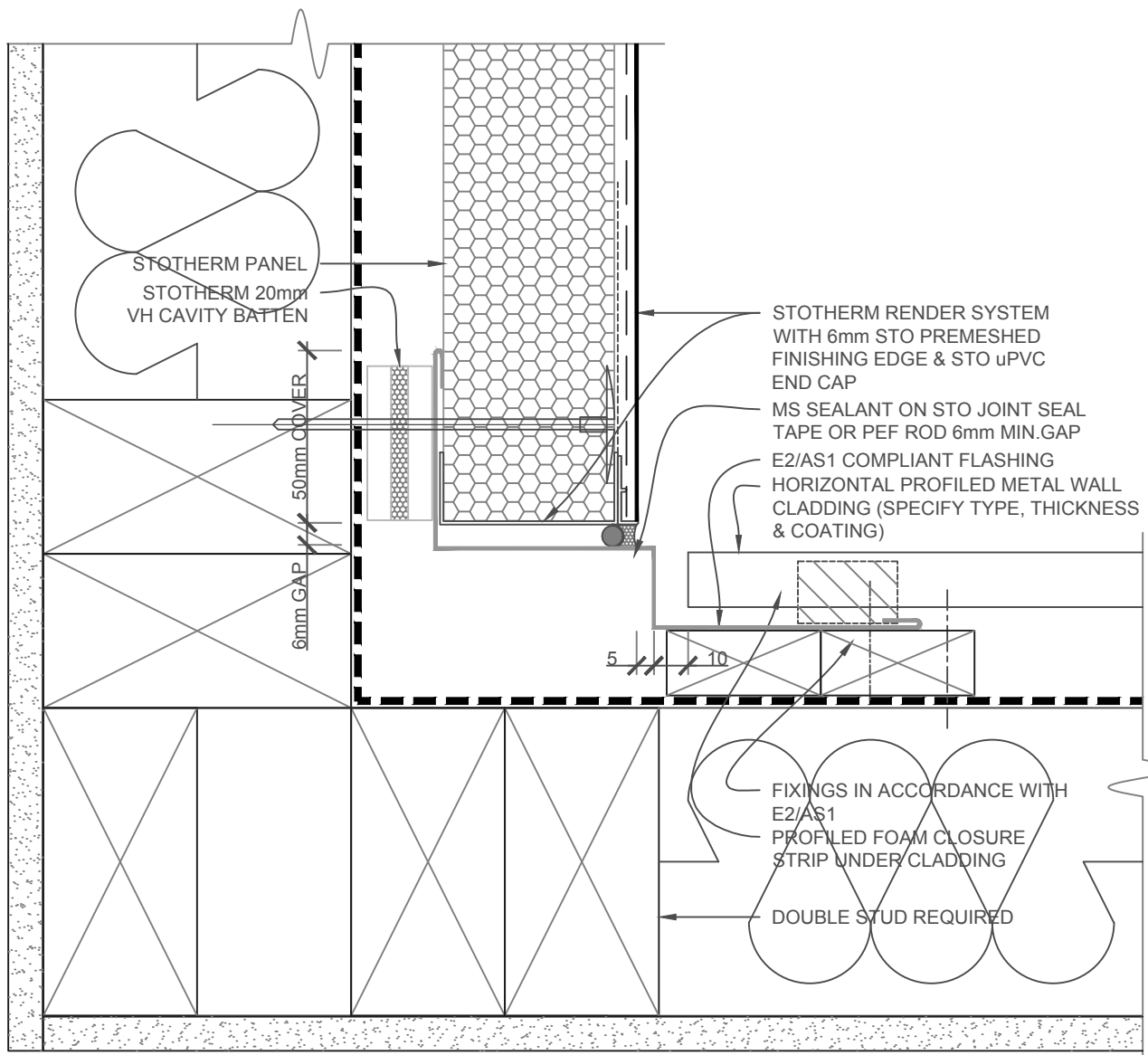


SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM HORIZ.JUNCTION - SCHIST or STONE VENEER/STOTHERM	ST 849
		2017

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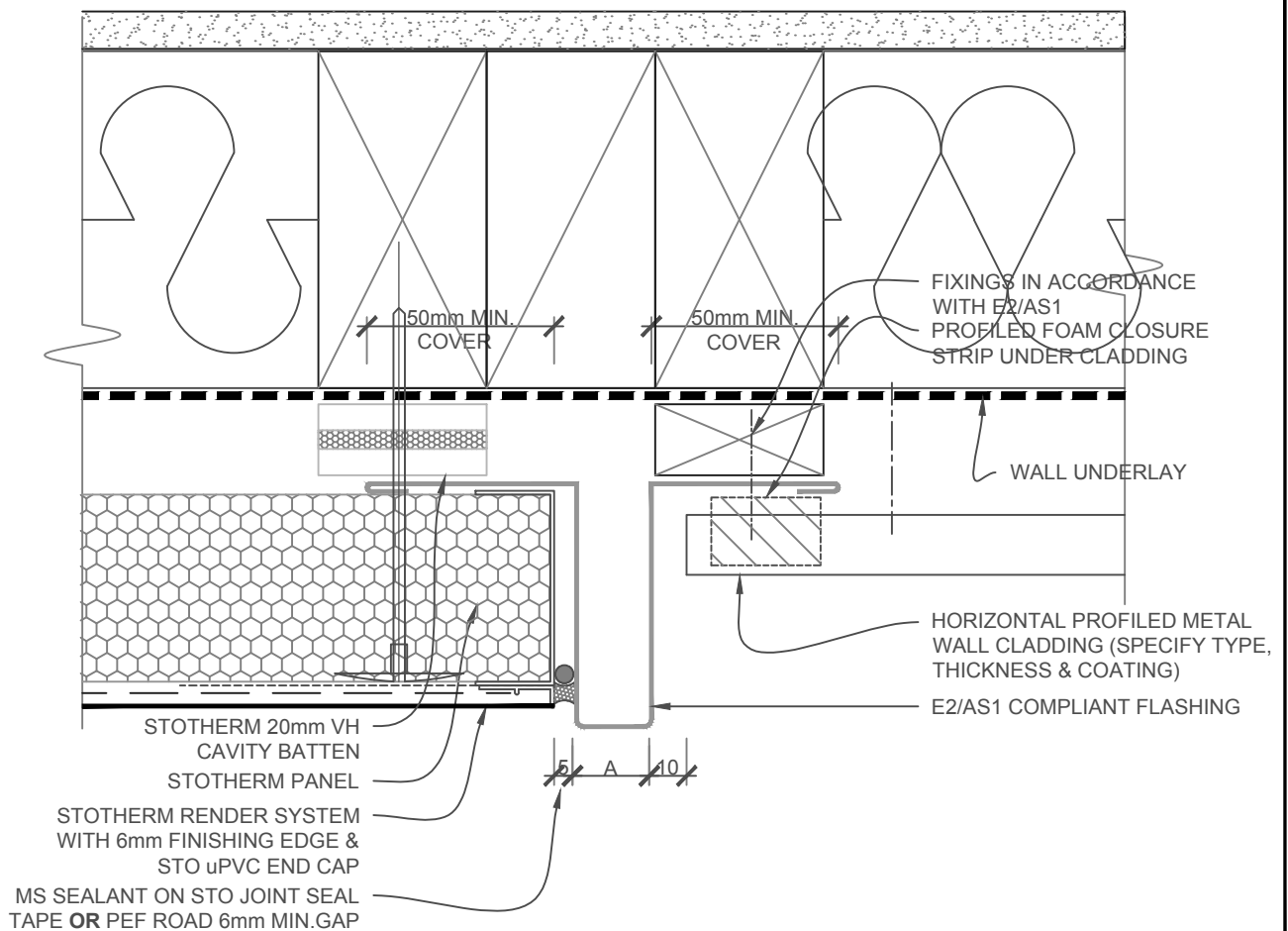


REFER TO E2/AS1 FOR COMPLIANT PROFILES AND FLASHINGS
HORIZONTAL PROFILE METAL WALL CLADDING IS FIXED ON A DRAINED CAVITY
VERTICAL PROFILE METAL WALL CLADDING IS DIRECT FIXED OVER A ROOF UNDERLAY

SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM INT. CORNER - HORIZ. PROFILED METAL/STOTHERM	ST 851
		2017

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NOTE:

A = CHECK WITH SHEET METAL FOLDER. A NARROW NECK MAY REQUIRE A WELDED JOINT **OR** TOP HAT

REFER TO E2/AS1 FOR COMPLIANT PROFILES AND FLASHINGS

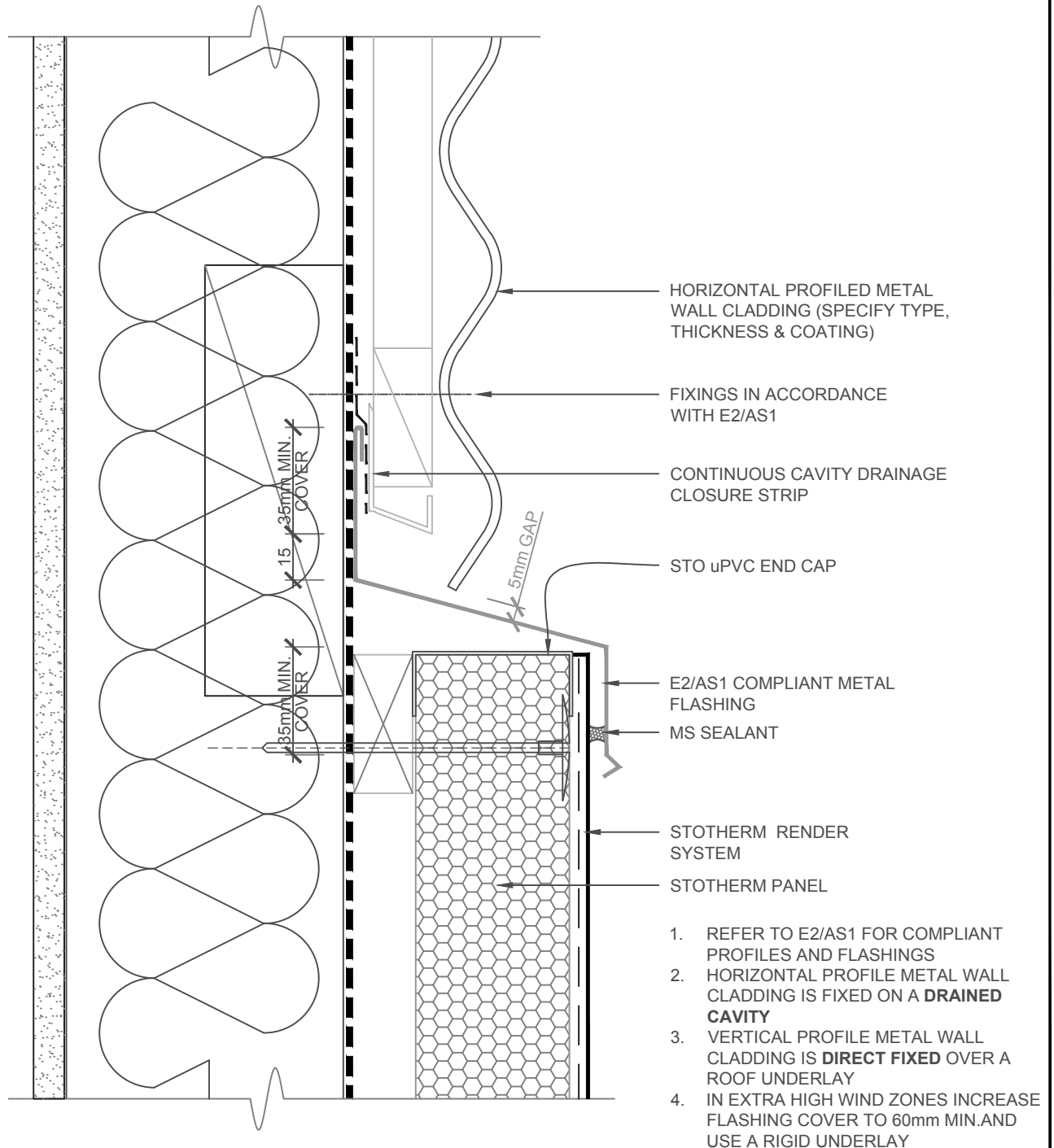
HORIZONTAL PROFILE METAL WALL CLADDING IS FIXED ON A DRAINED CAVITY

VERTICAL PROFILE METAL WALL CLADDING IS DIRECT FIXED OVER A ROOF UNDERLAY

SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM VERT.JUNCTION - HORIZ.PROFILED METAL/STOTHERM	ST 852
		2017

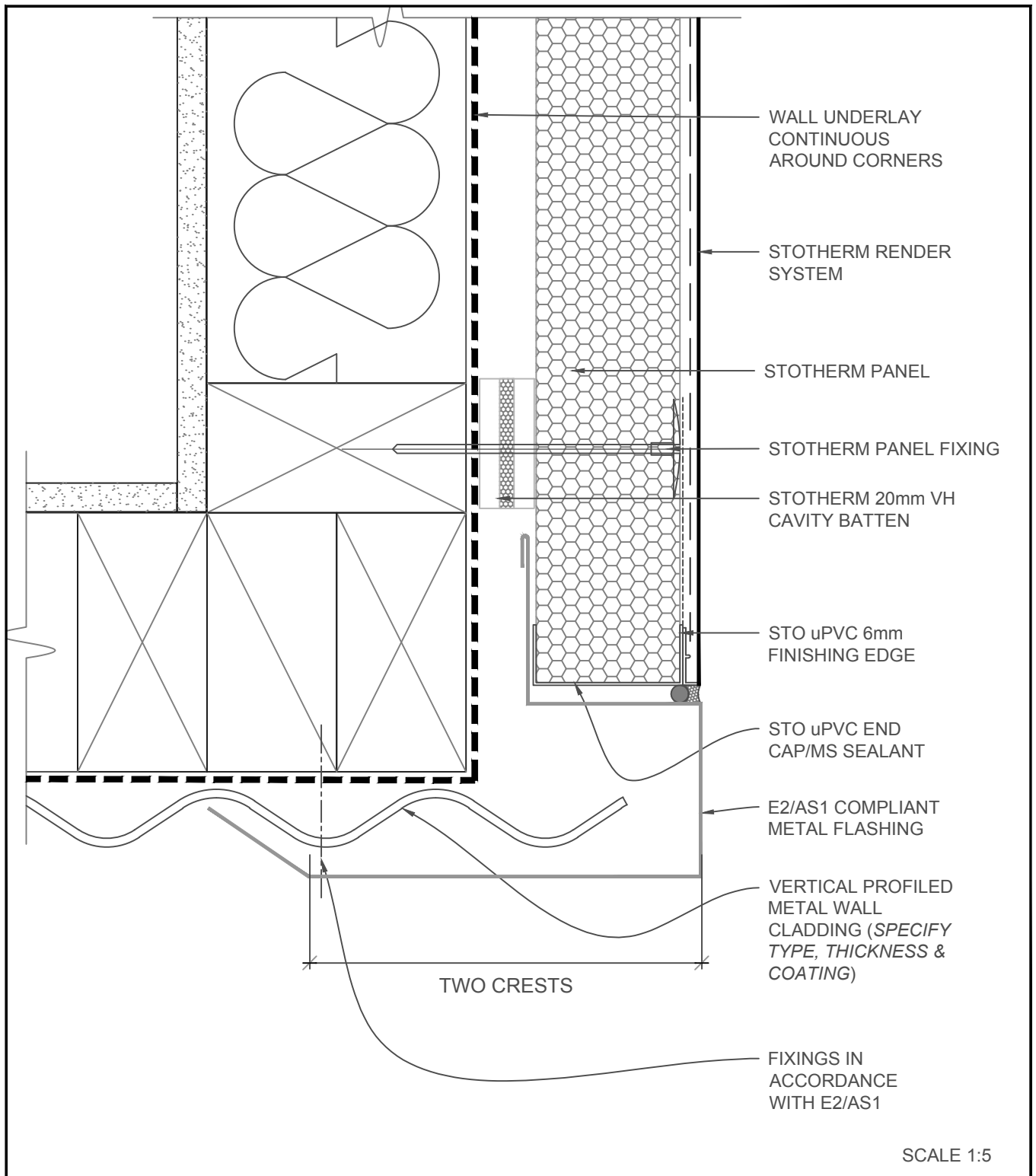
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SCALE 1:2

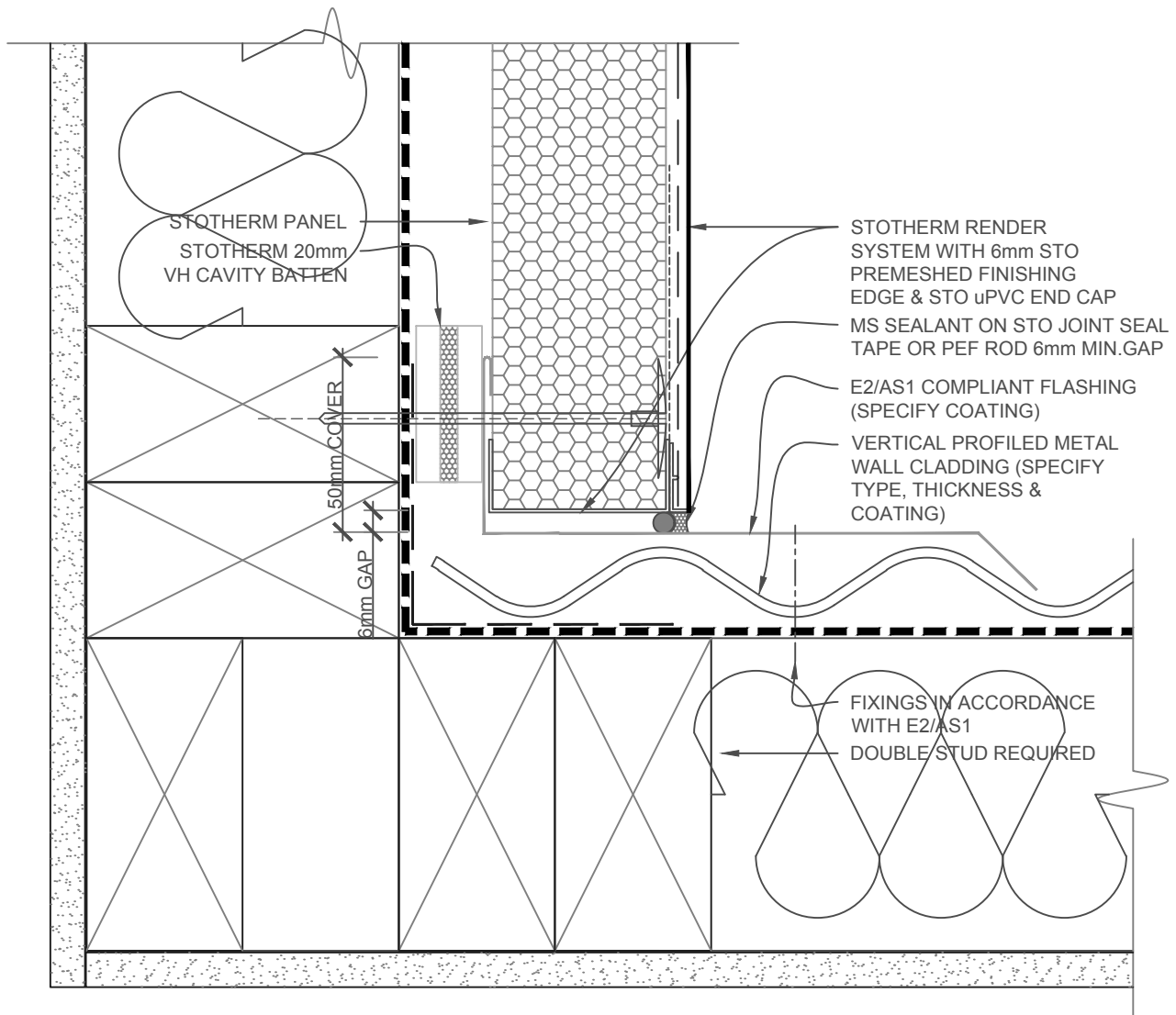
STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM HORIZ.JUNCTION - HORIZ.PROFILED METAL/STOTHERM	ST 853
		2017

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STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM EXT.CORNER - VERTICAL PROFILED METAL/STOTHERM	ST 854
		2017

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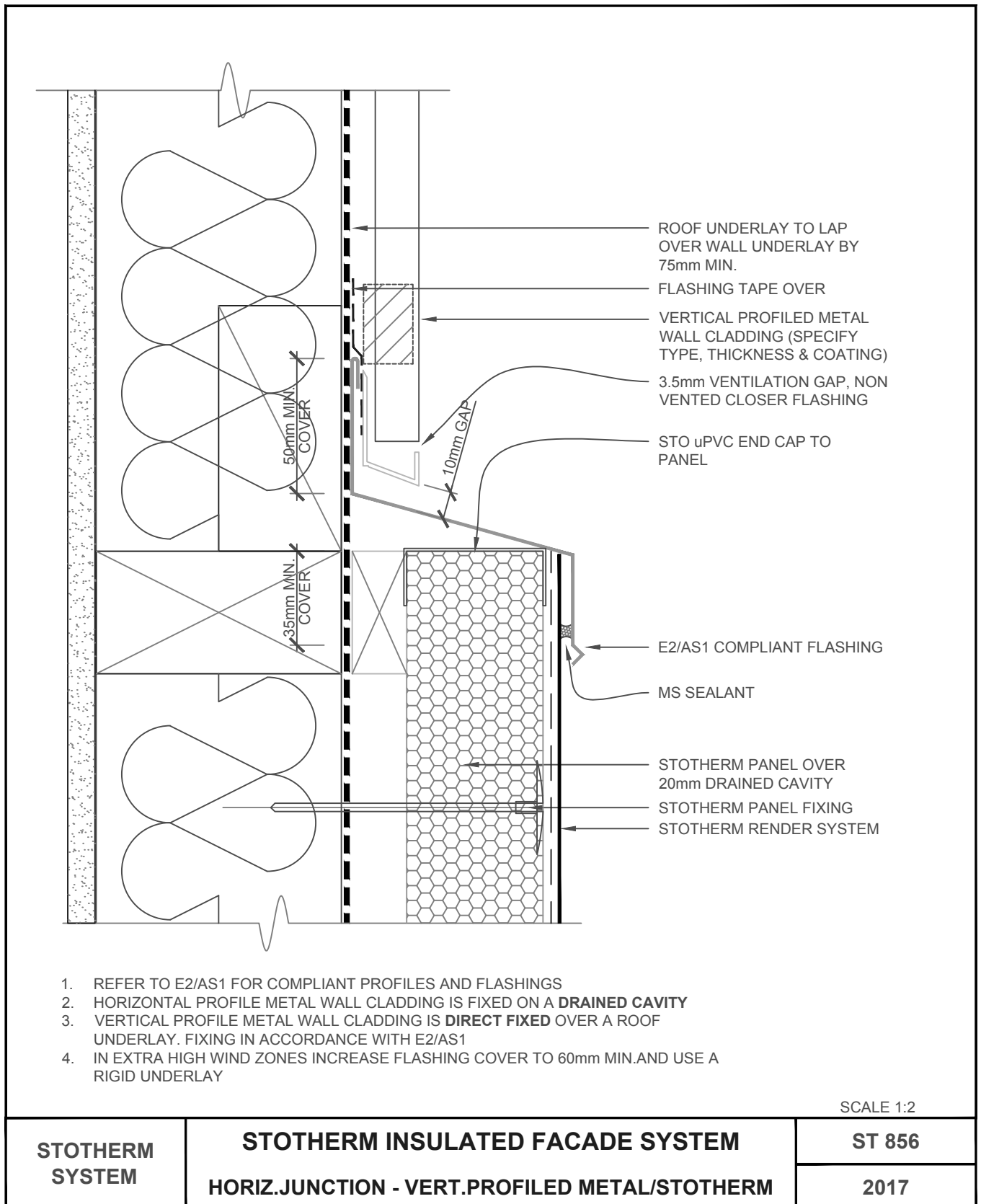


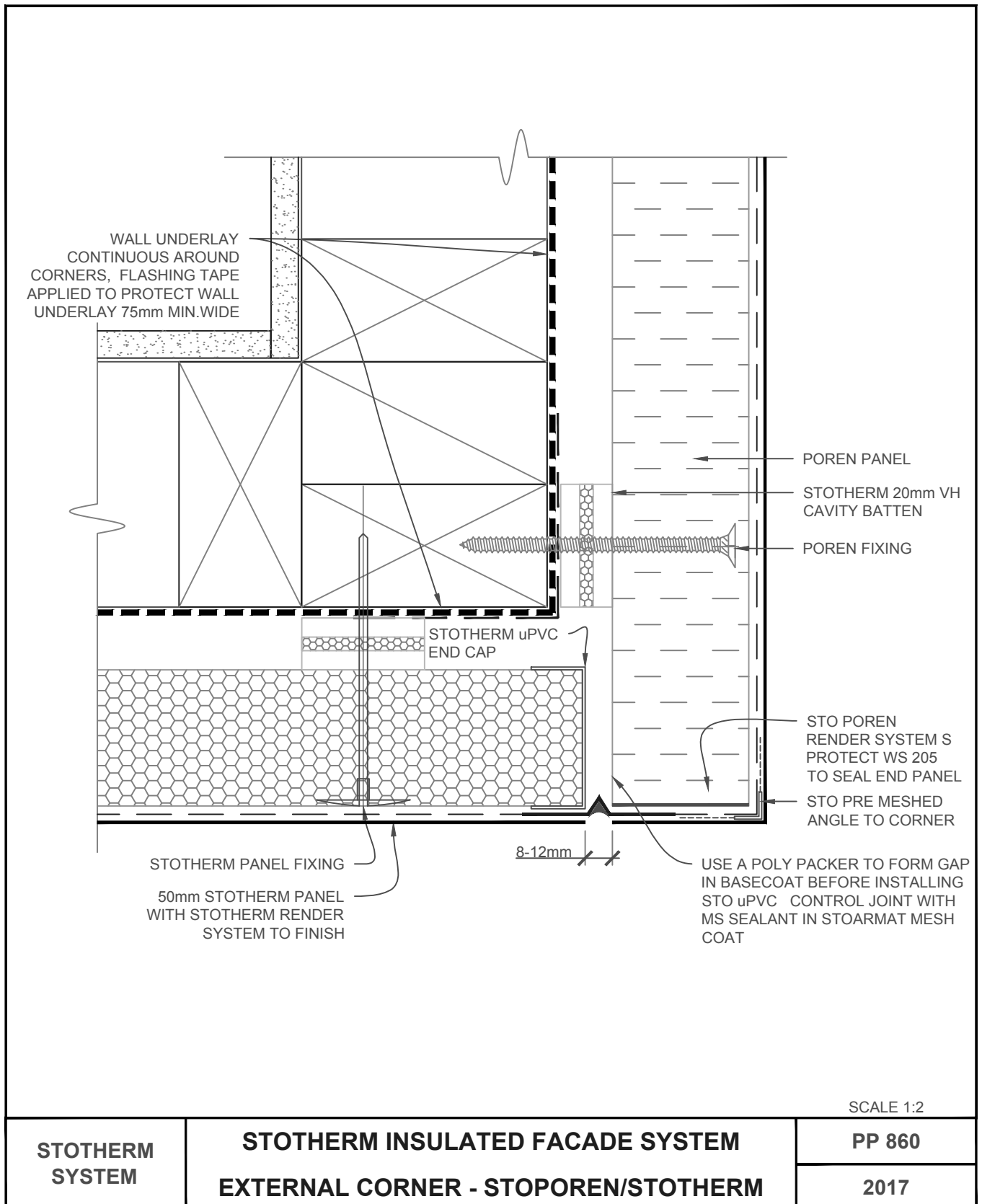
REFER TO E2/AS1 FOR COMPLIANT PROFILES AND FLASHINGS
 HORIZONTAL PROFILE METAL WALL CLADDING IS FIXED ON A DRAINED CAVITY
 VERTICAL PROFILE METAL WALL CLADDING IS DIRECT FIXED OVER A ROOF UNDERLAY

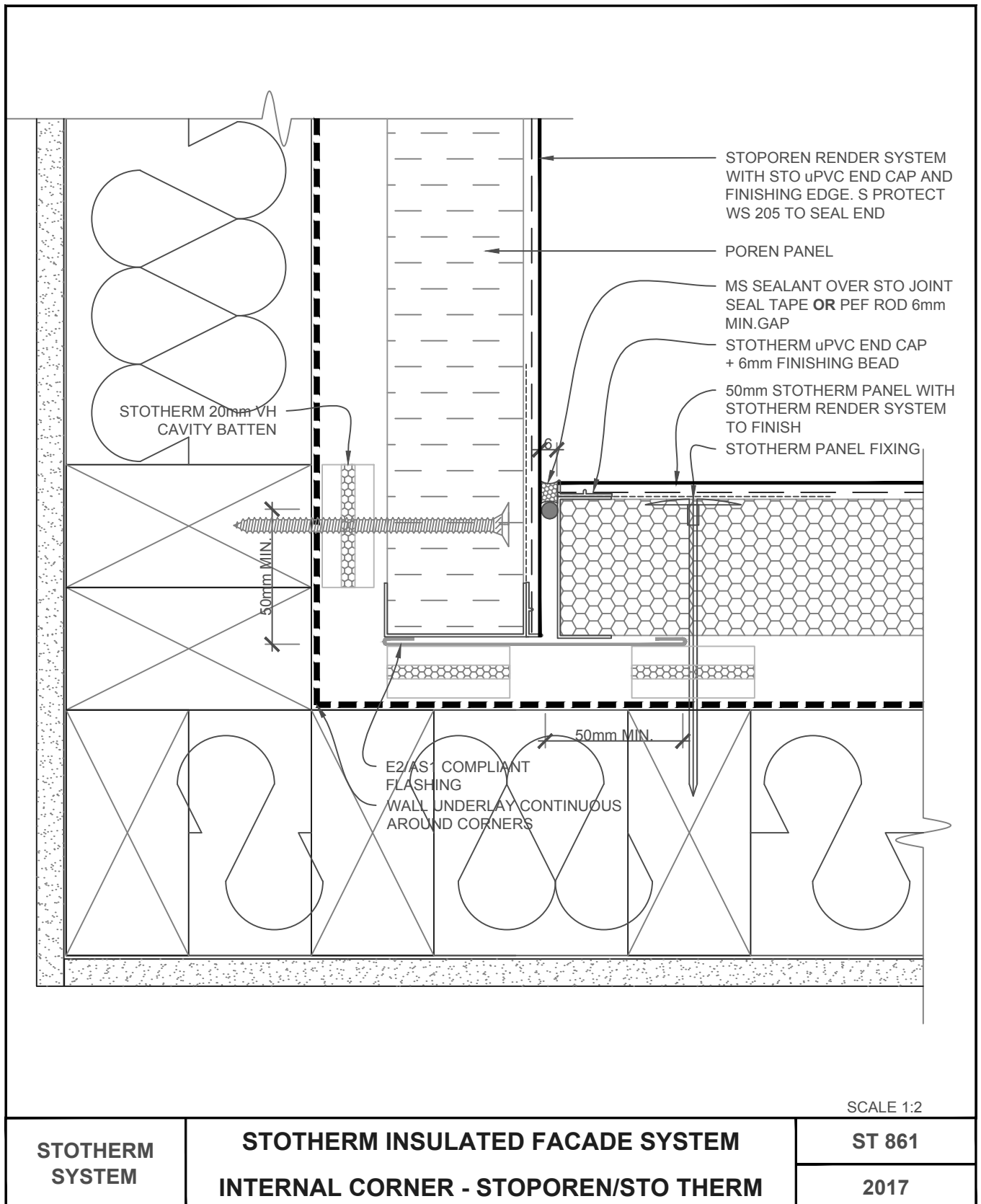
SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM INT.CORNER - VERTICAL PROFILED METAL/STOTHERM	ST 855
		2017

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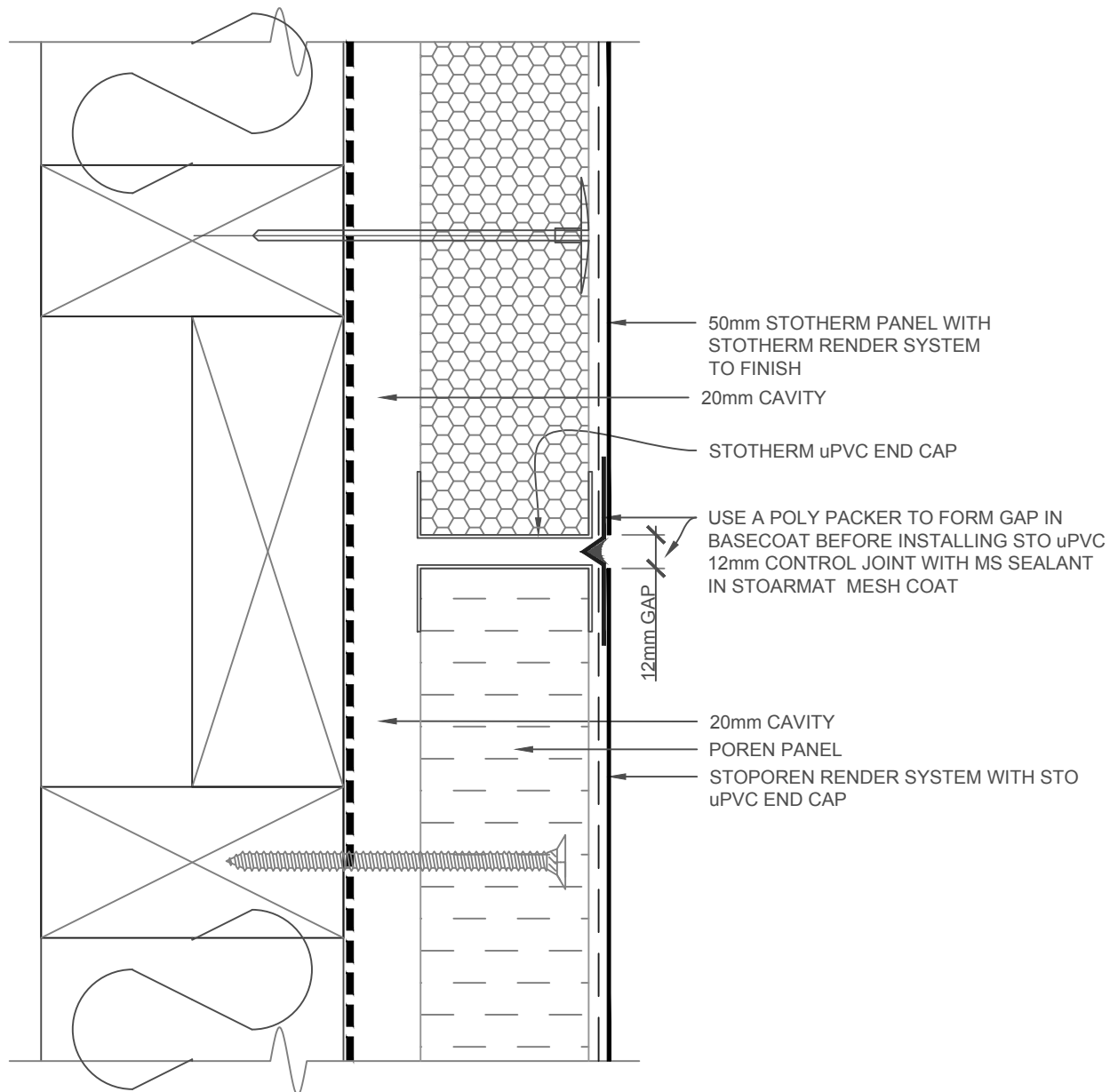




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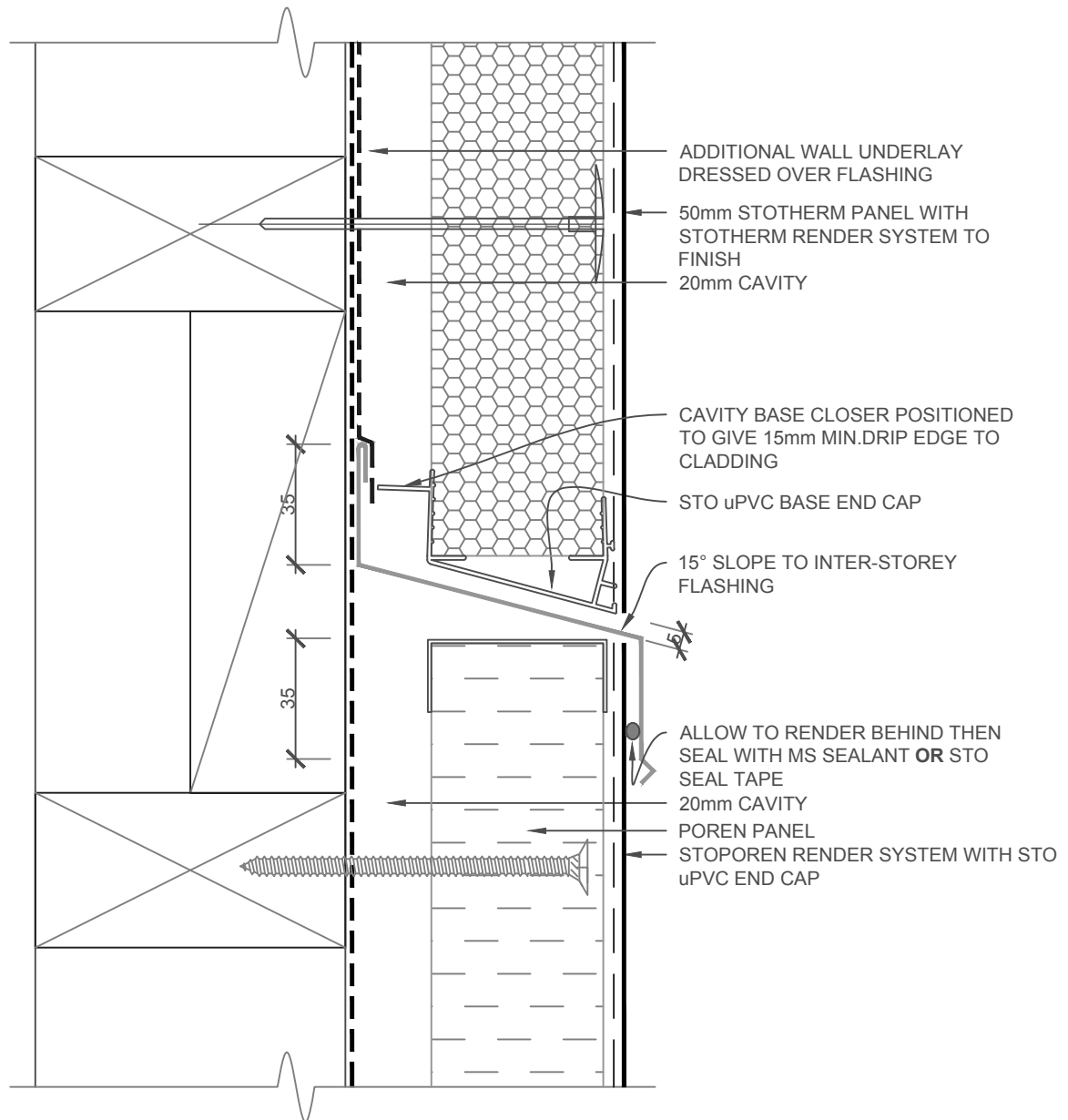


NOTE: UP TO A MAX. OF TWO STOREYS OR 7 METRES IN HEIGHT

SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM INTER-STOREY JUNCTION - STO POREN/STOTHERM	ST 864
		2017

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1. DRAINED INTER-STOREY FLASHING REQUIRED TO LIMIT CONTINUOUS CAVITY CONSTRUCTION TO TWO(2) STOREYS, GABLE END OR 7 METERS
2. IN EXTRA HIGH WIND ZONES INCREASE FLASHING UPSTAND TO 60mm MIN. AND USE A RIGID UNDERLAY

SCALE 1:2

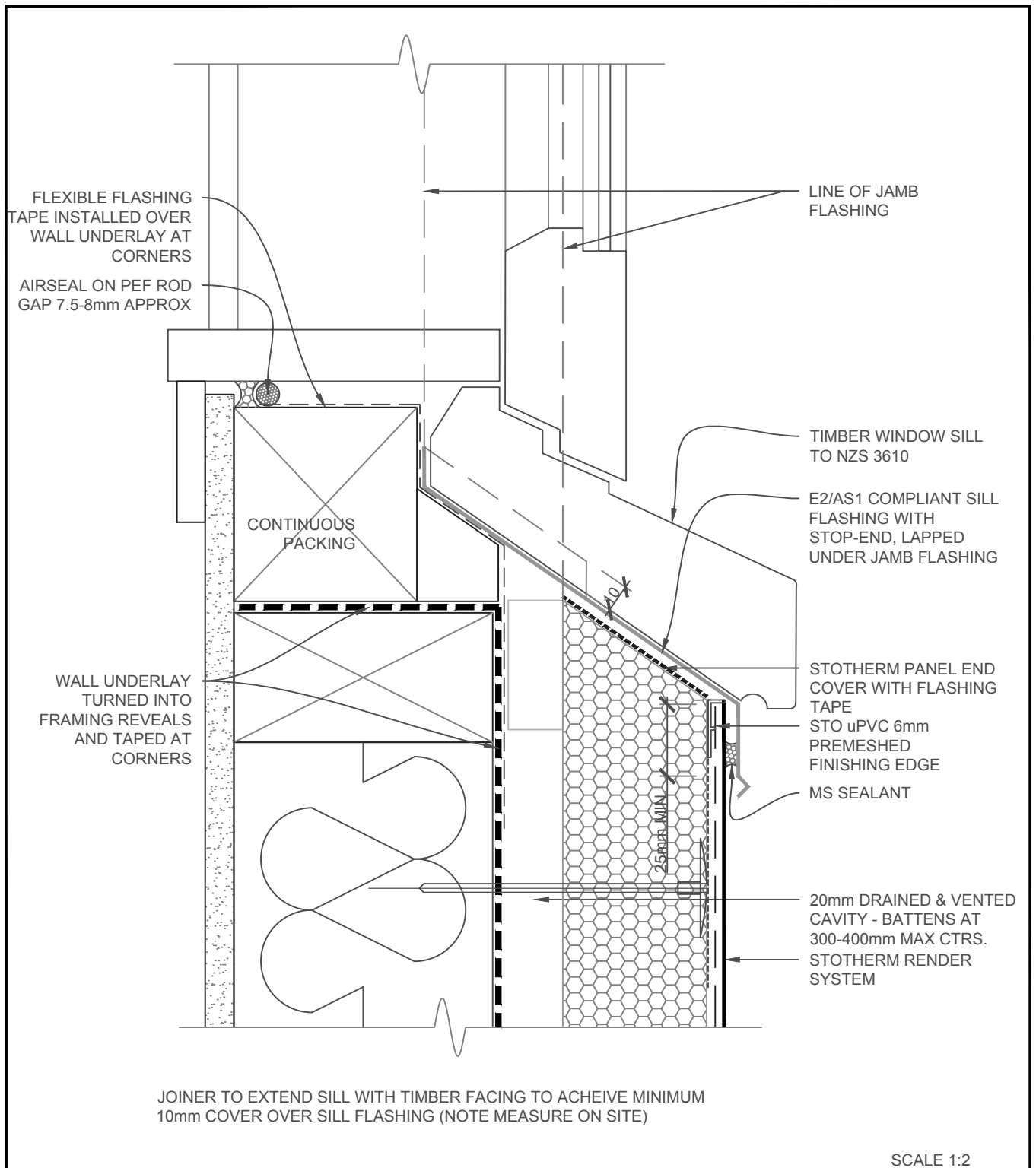
STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM THIRD STOREY DRAINED INTER-STOREY JUNCTION	ST 865
		2017

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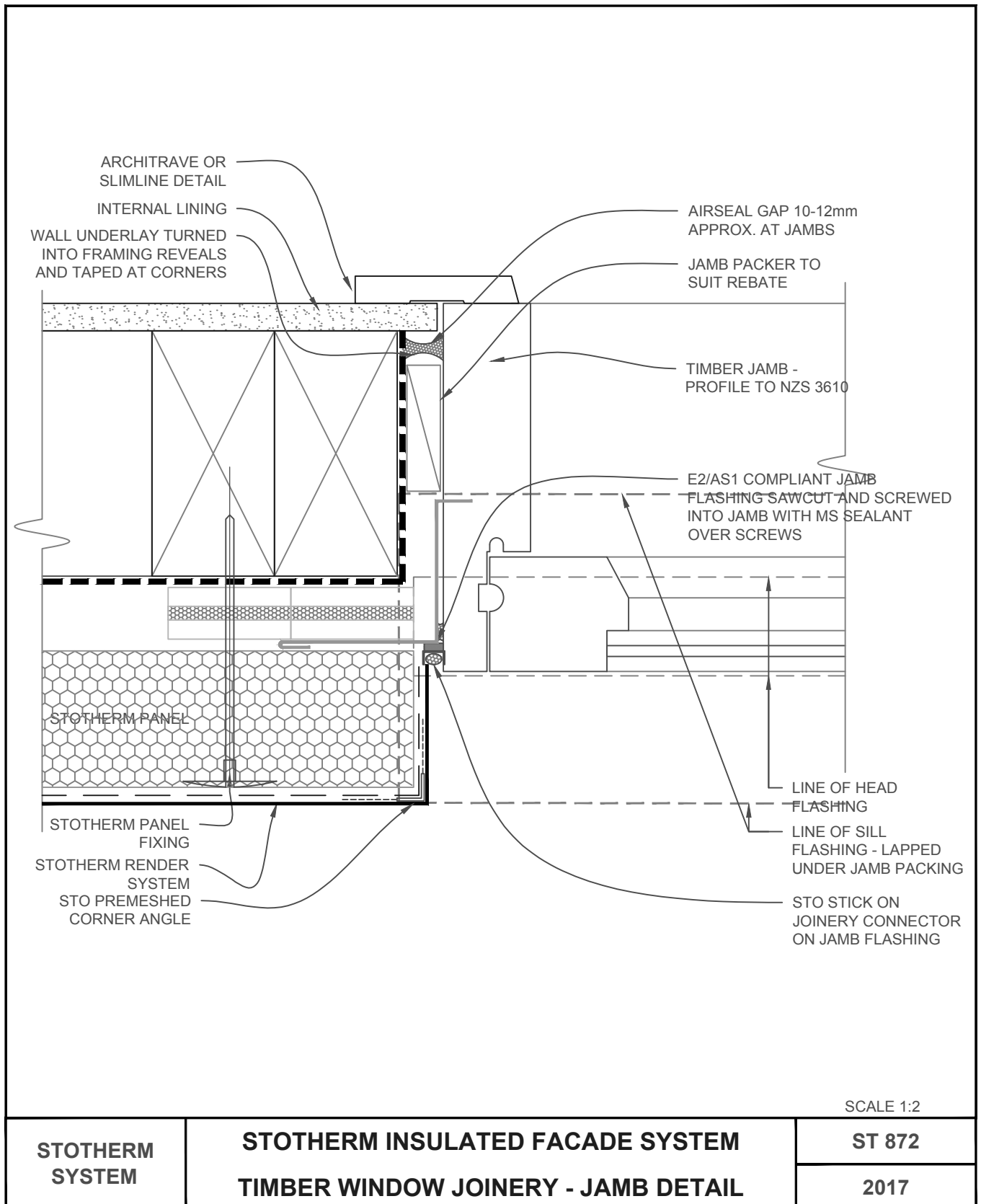
STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM	ST 870
	TIMBER WINDOW JOINERY - HEAD DETAIL	2017

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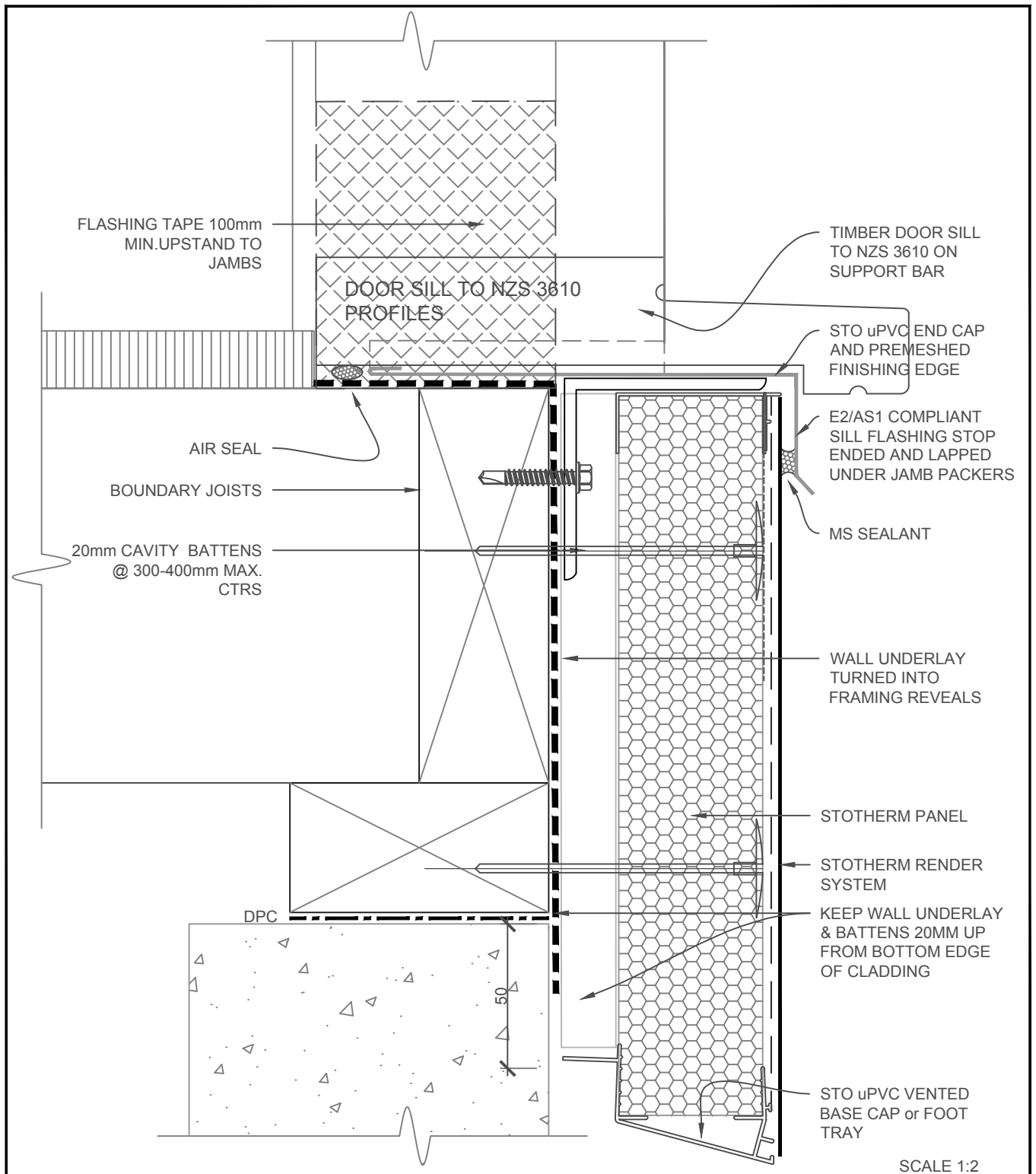


STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM TIMBER WINDOW JOINERY - SILL DETAIL	ST 871
		2017

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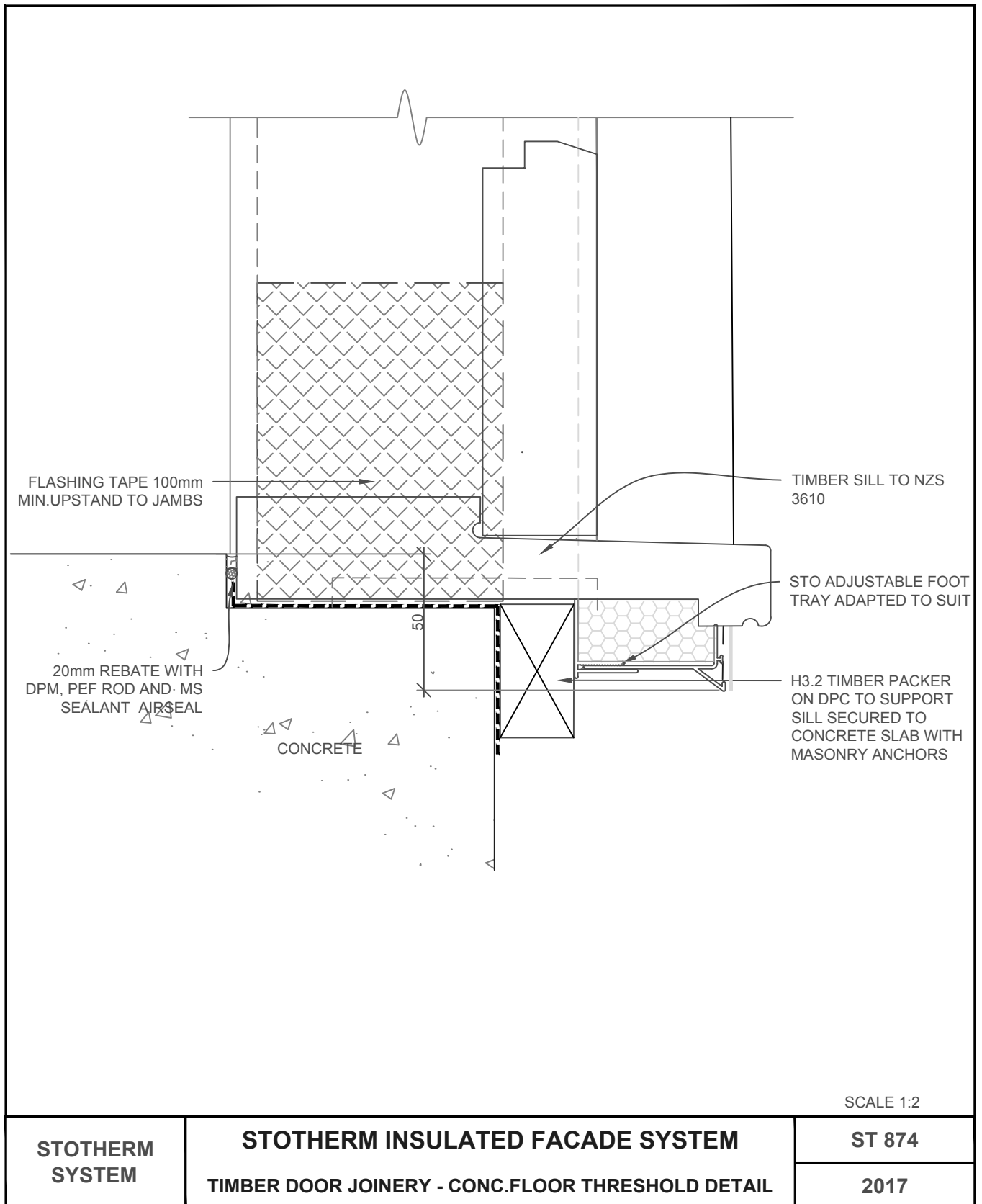
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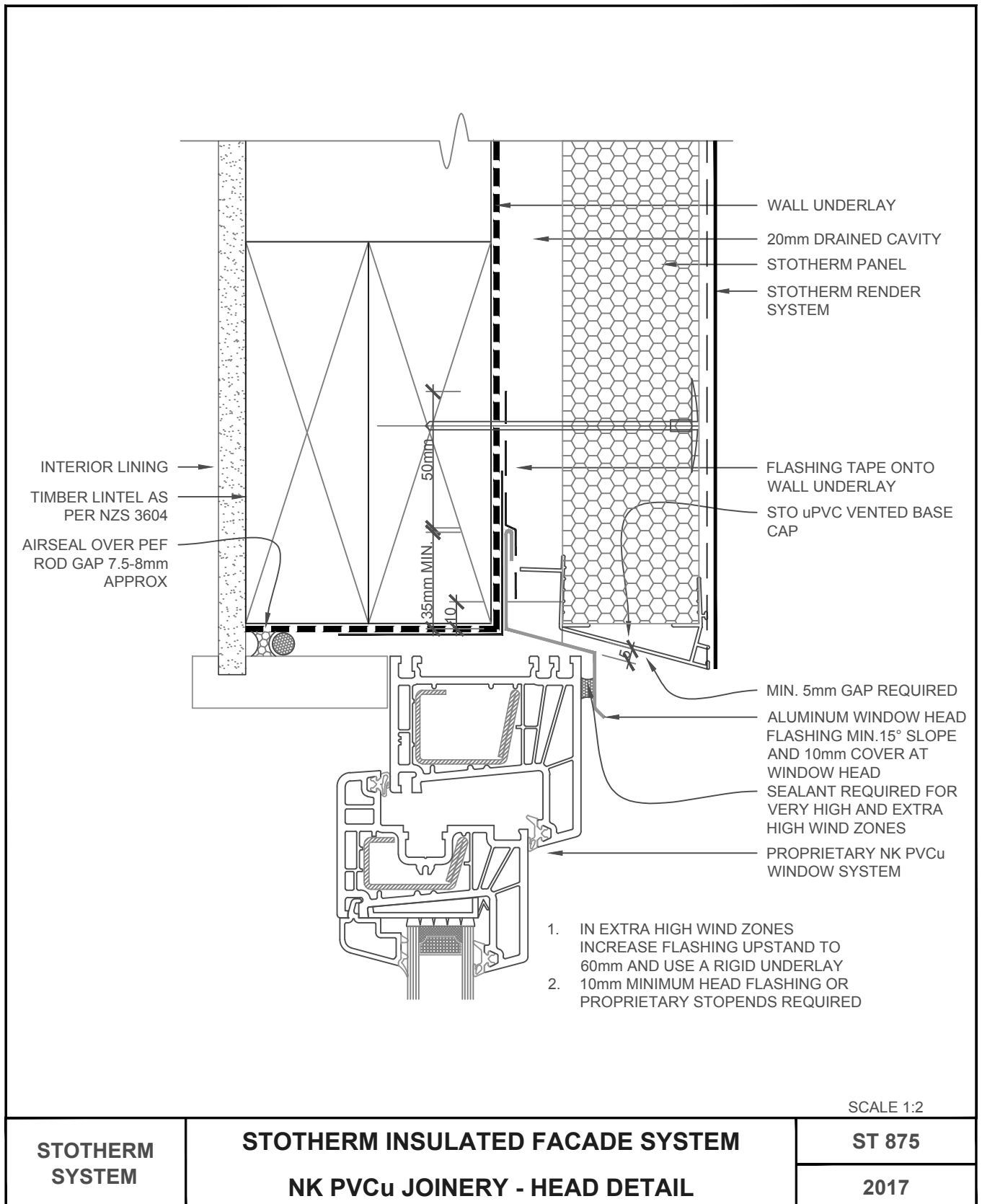
SCALE 1:2

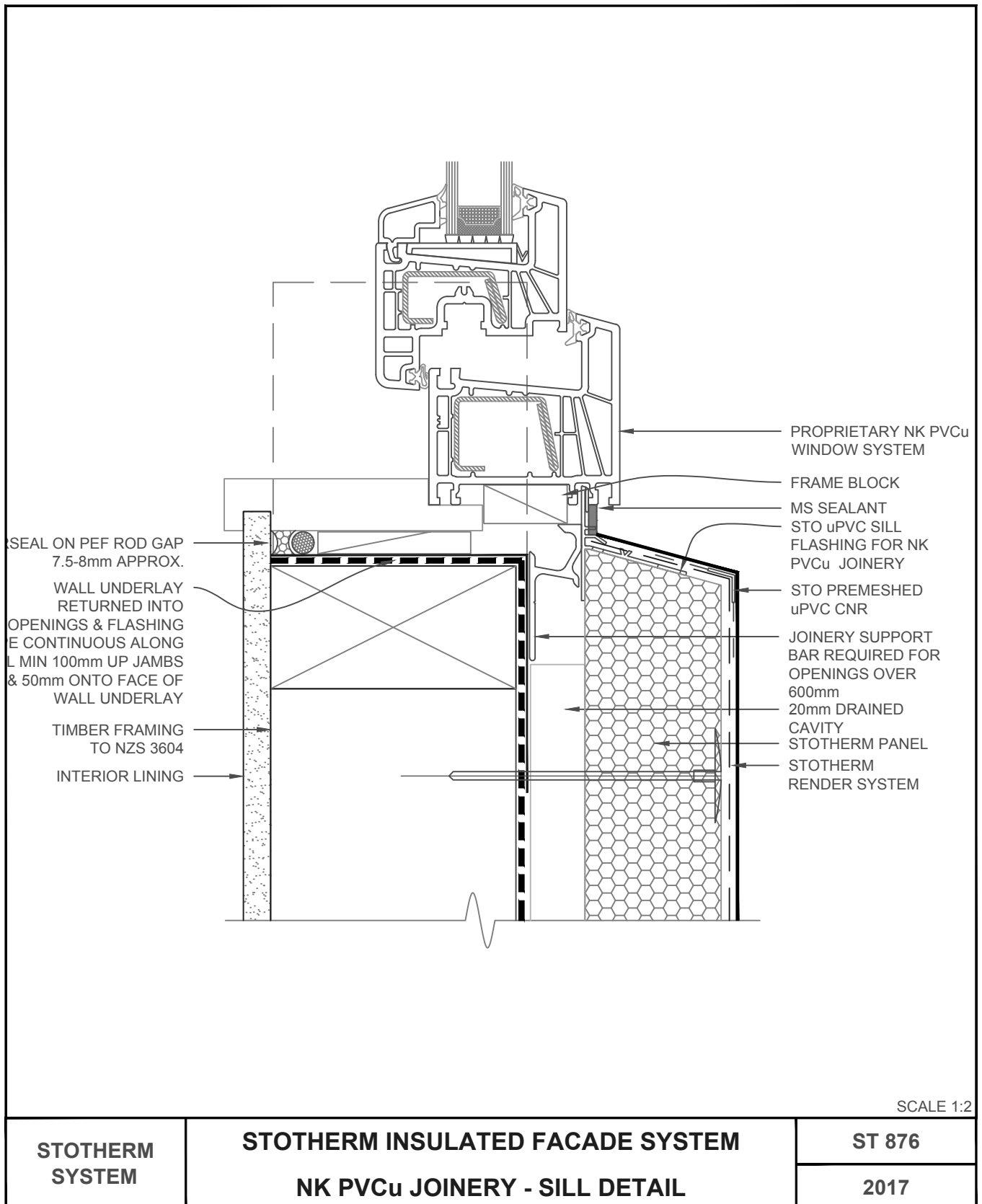
STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM TIMBER DOOR JOINERY - TIMBER FLOOR THRESHOLD DETAIL	ST 873
		2017

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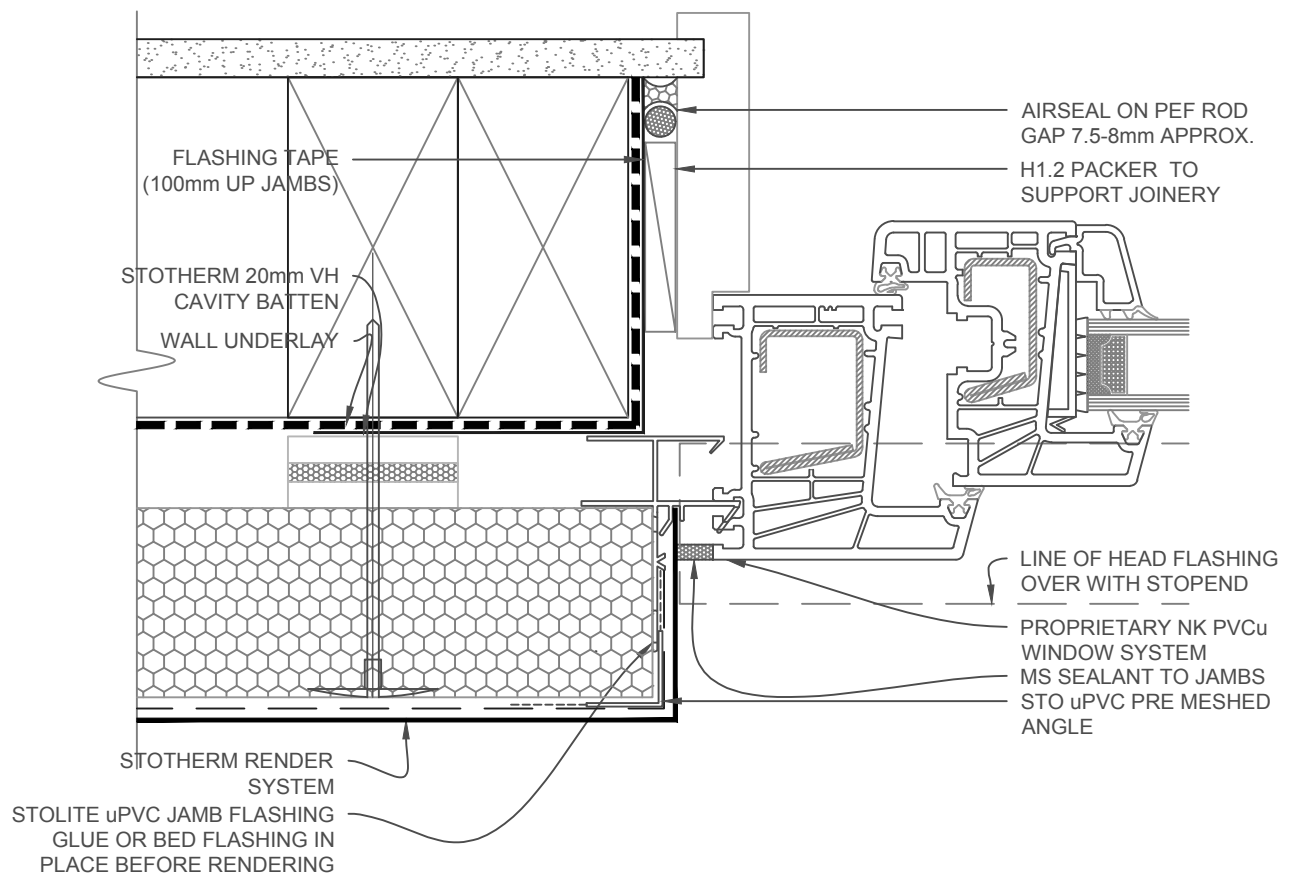


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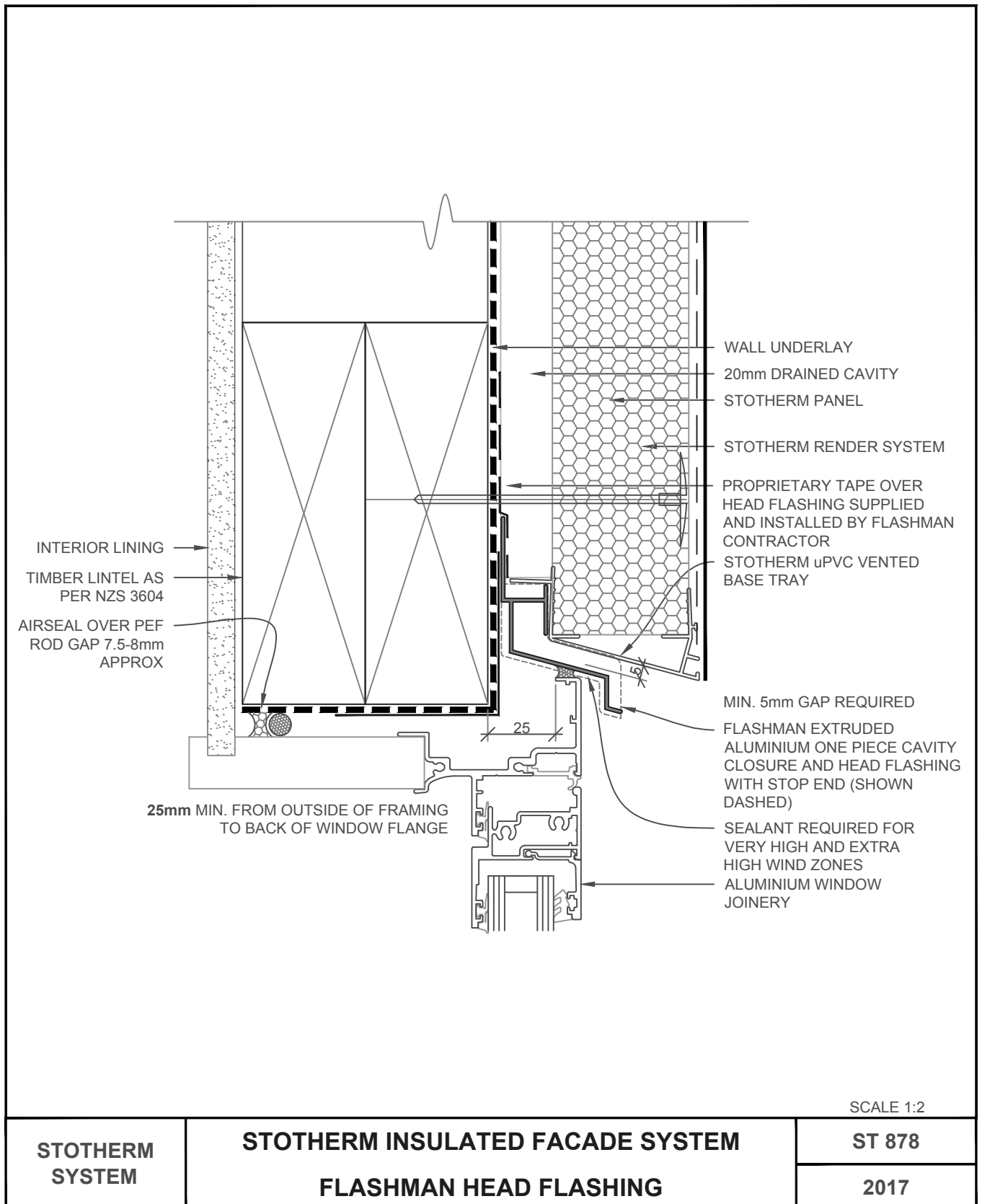
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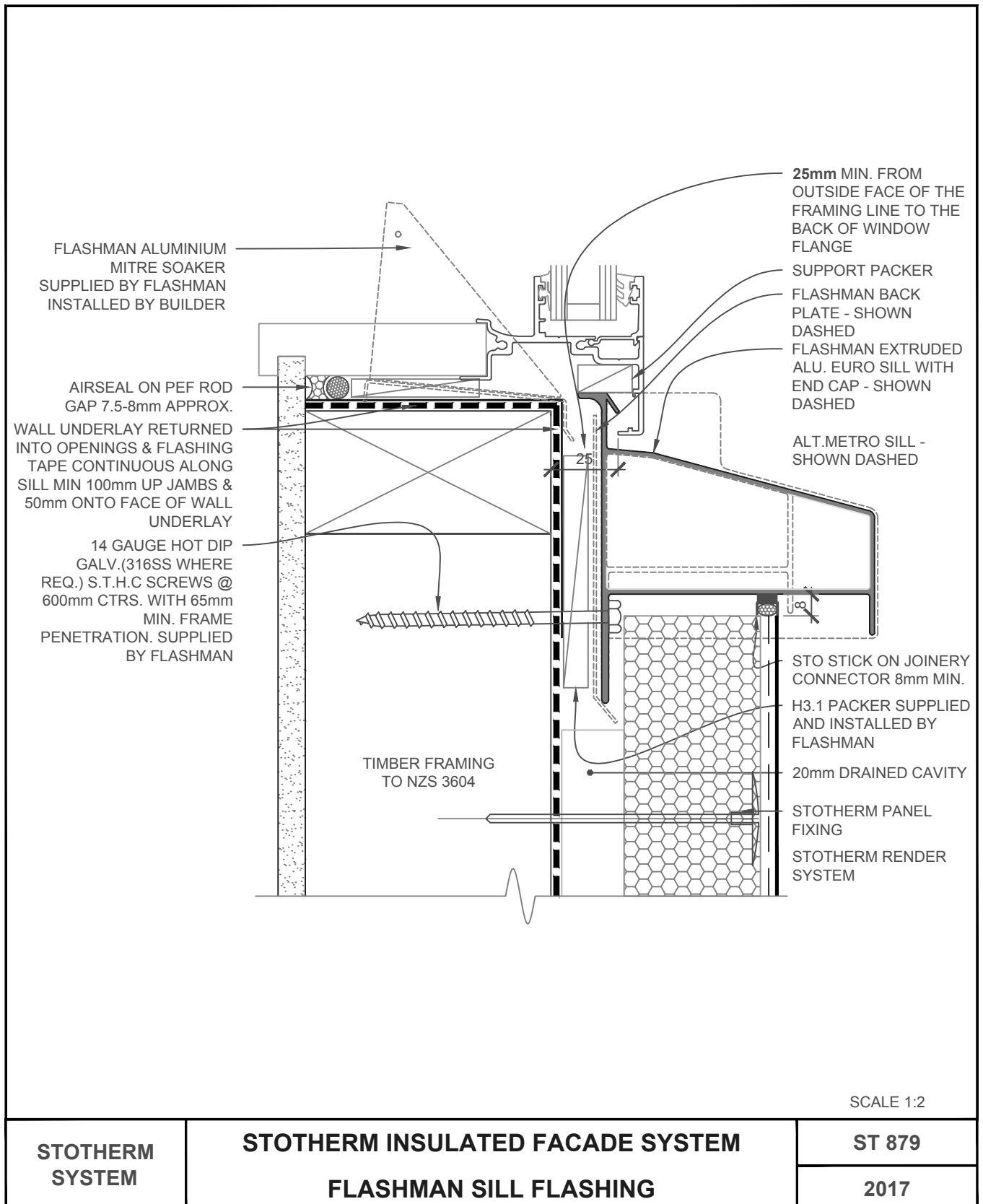
SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM NK PVCu JOINERY - JAMB DETAIL	ST 877
		2017

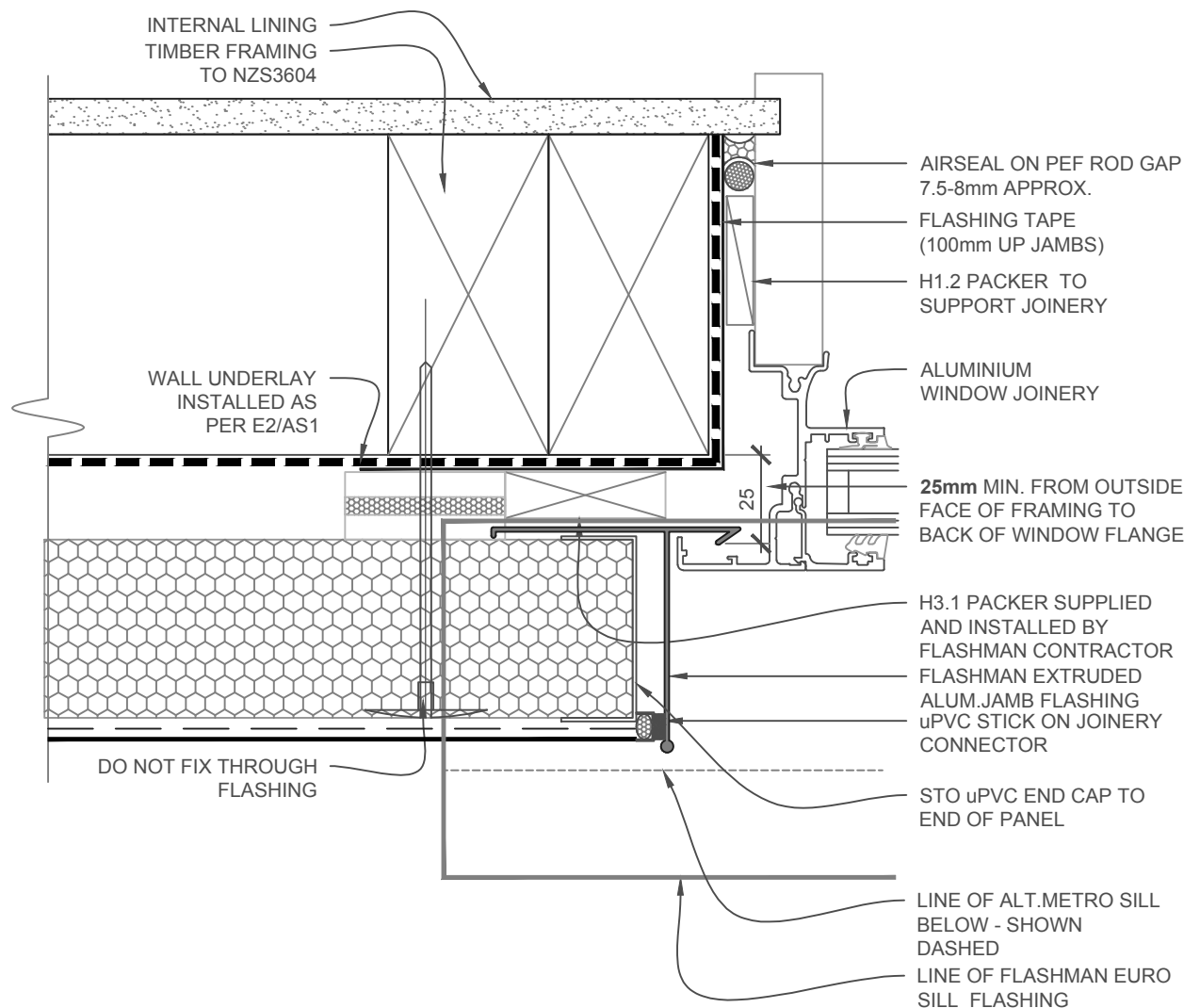
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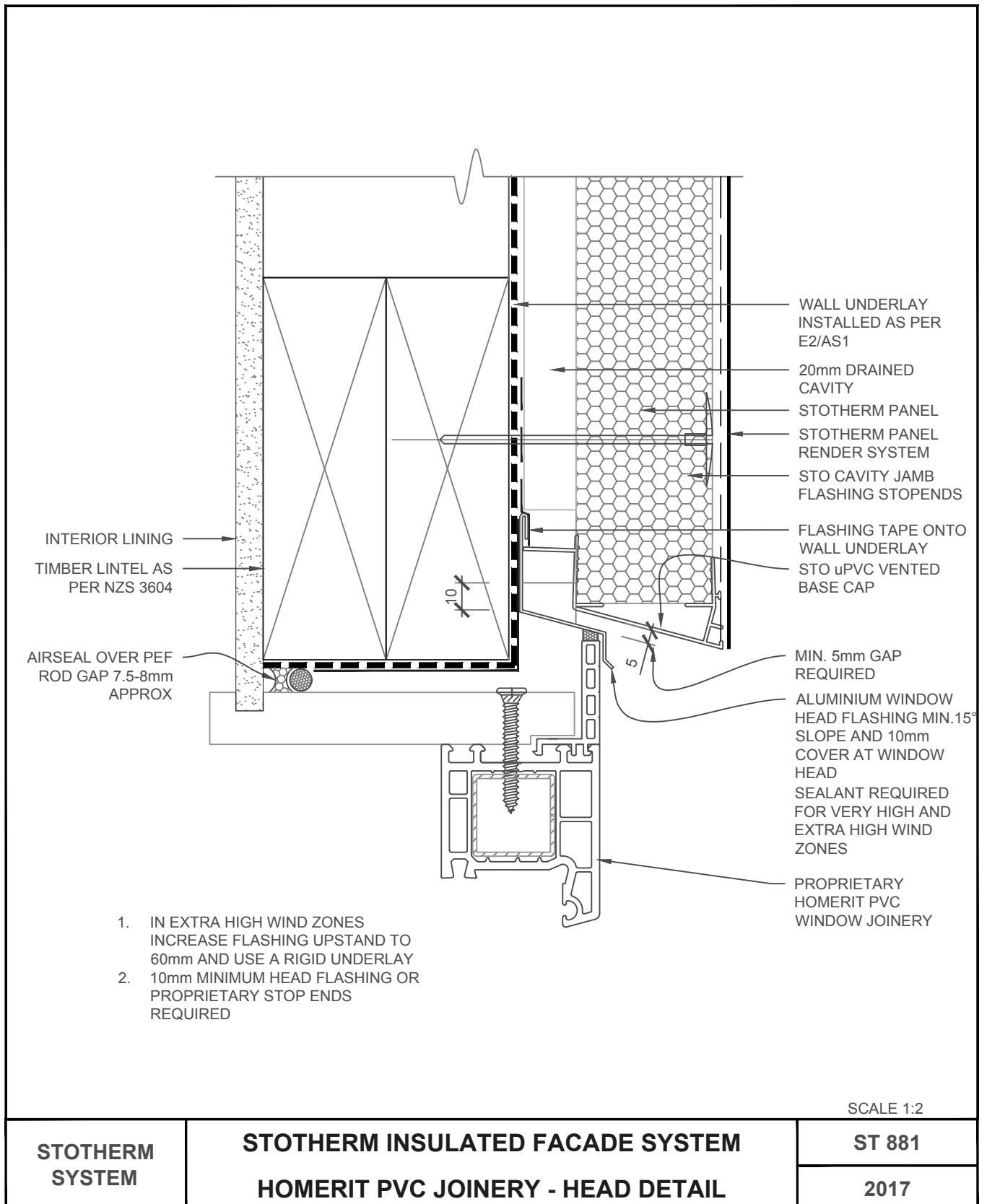
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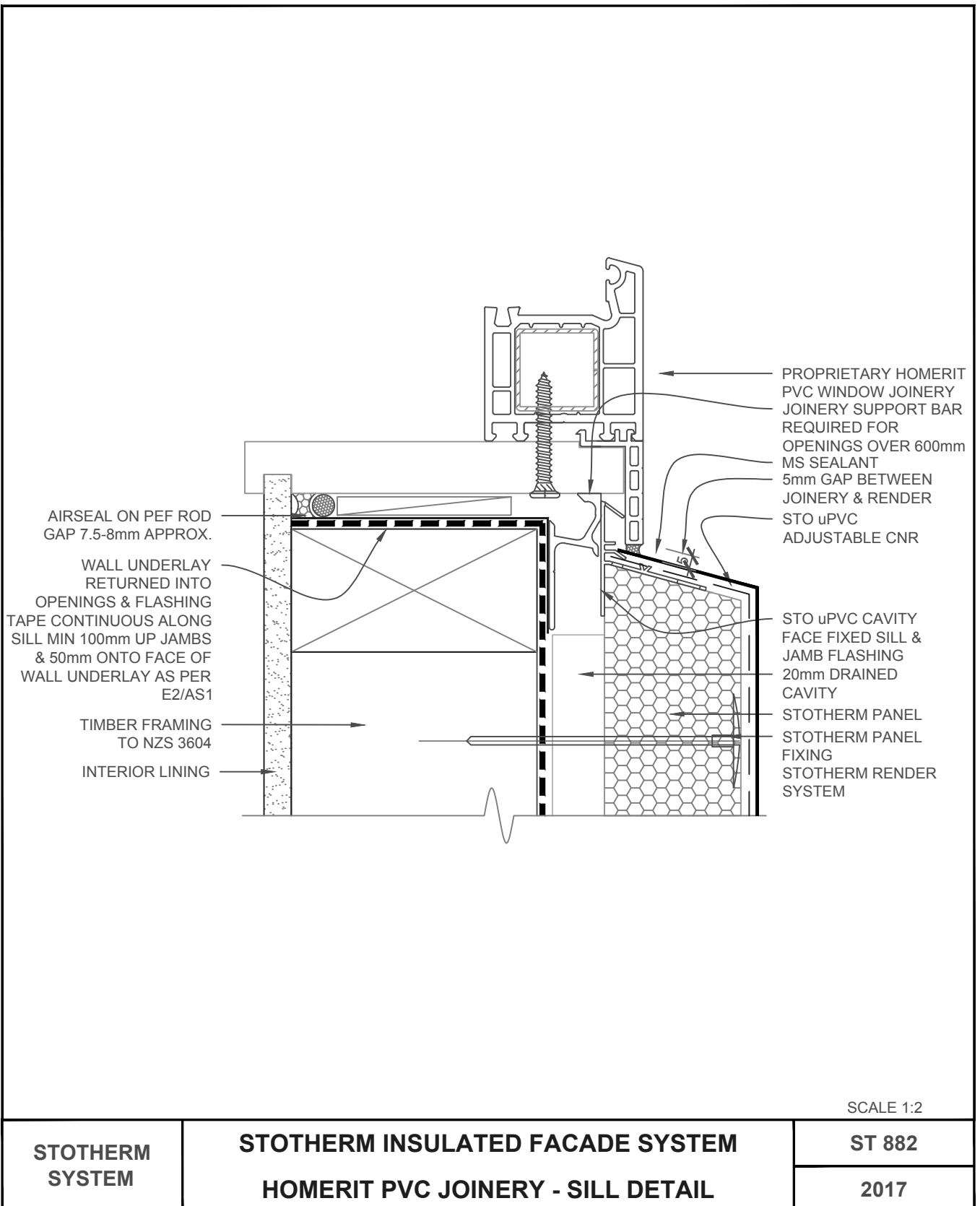


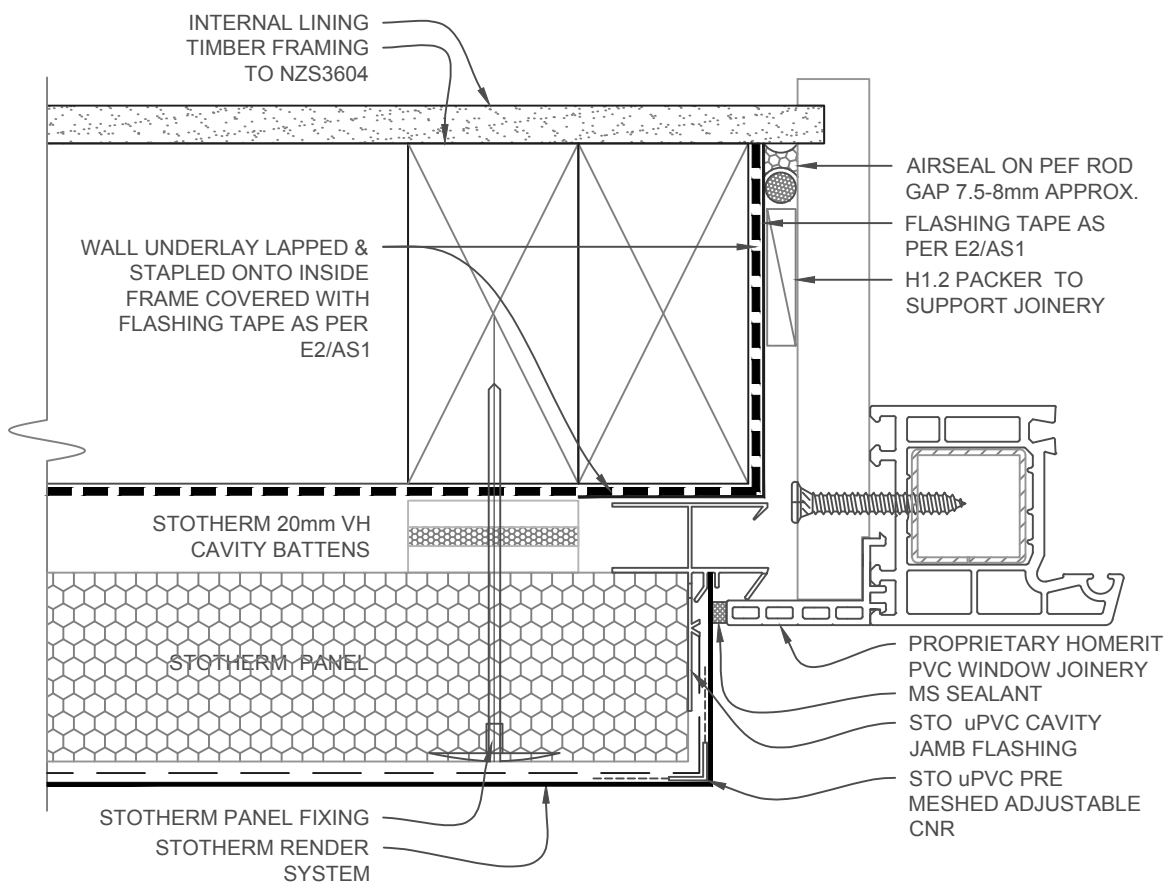
SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM FLASHMAN JAMB FLASHING	ST 880
		2017

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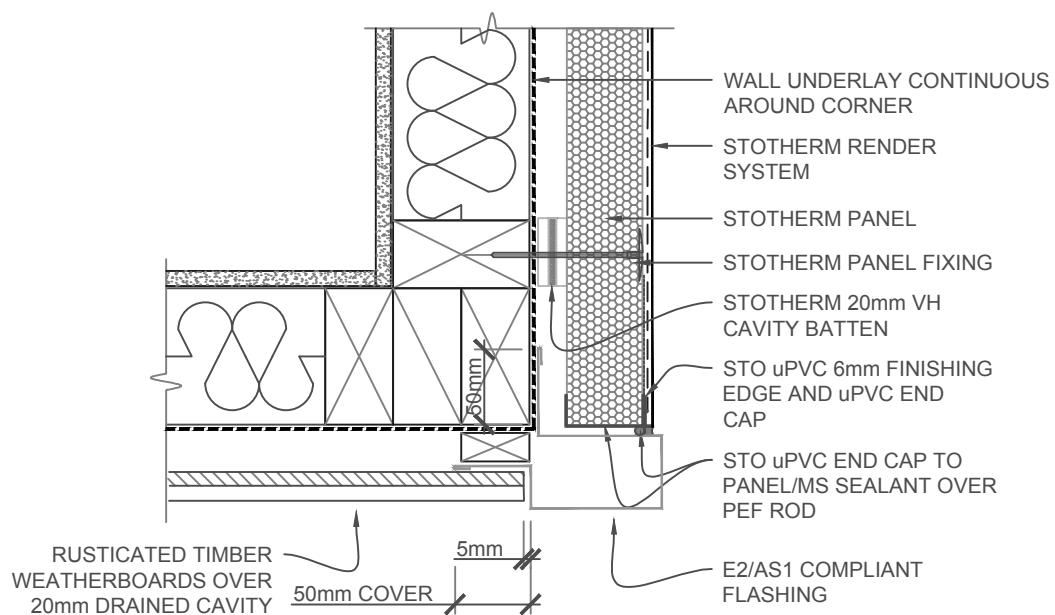




SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM HOMERIT PVC JOINERY - JAMB DETAIL	ST 883
		2017

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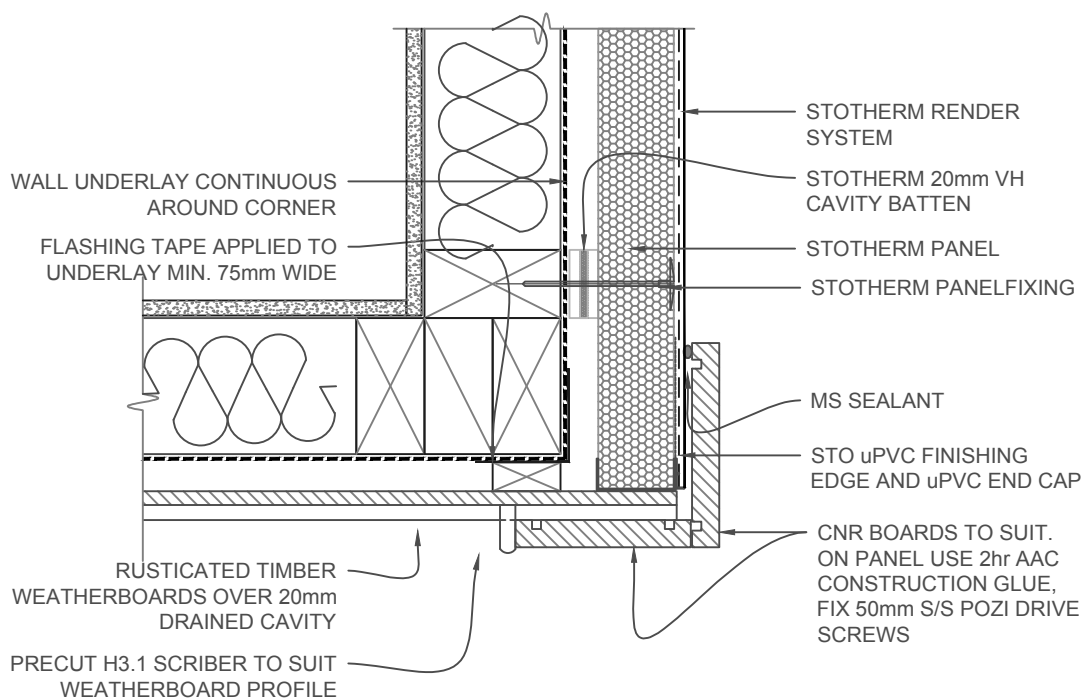


NOTE: IF A TIMBER SCRIBER REQUIRED
EXTEND FLASHING ACCORDINGLY

SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM EXT.CORNER RUSTICATED W'BOARD/STOTHERM - OPT 1	ST 890
		2017

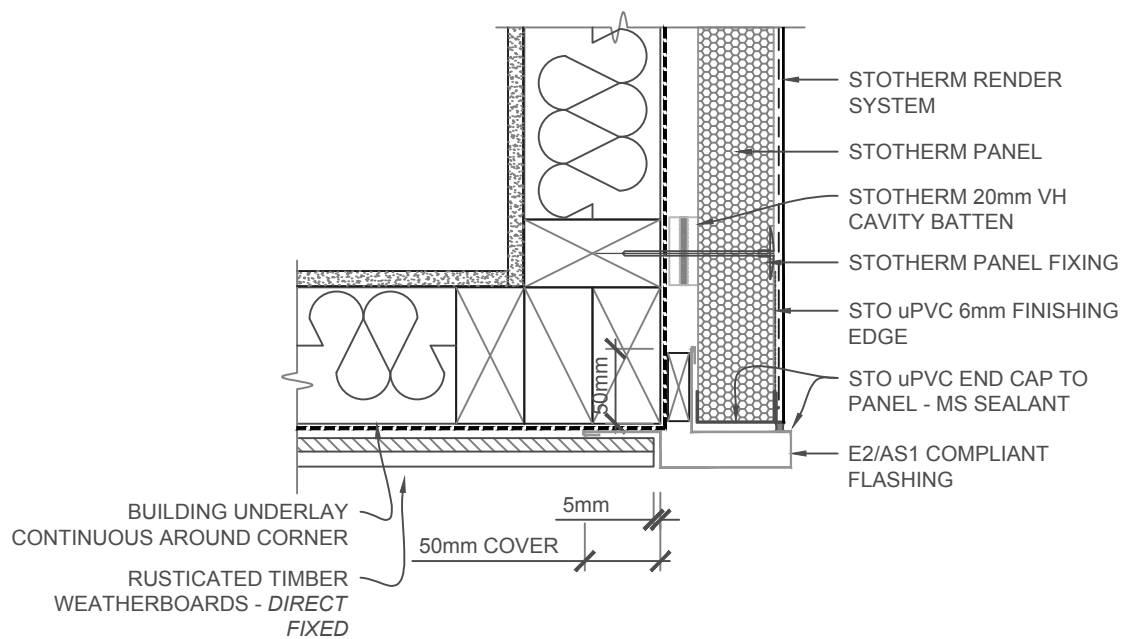
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SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM EXT.CORNER RUSTICATED W./STOTHERM - OPT 2	ST 891
		2017

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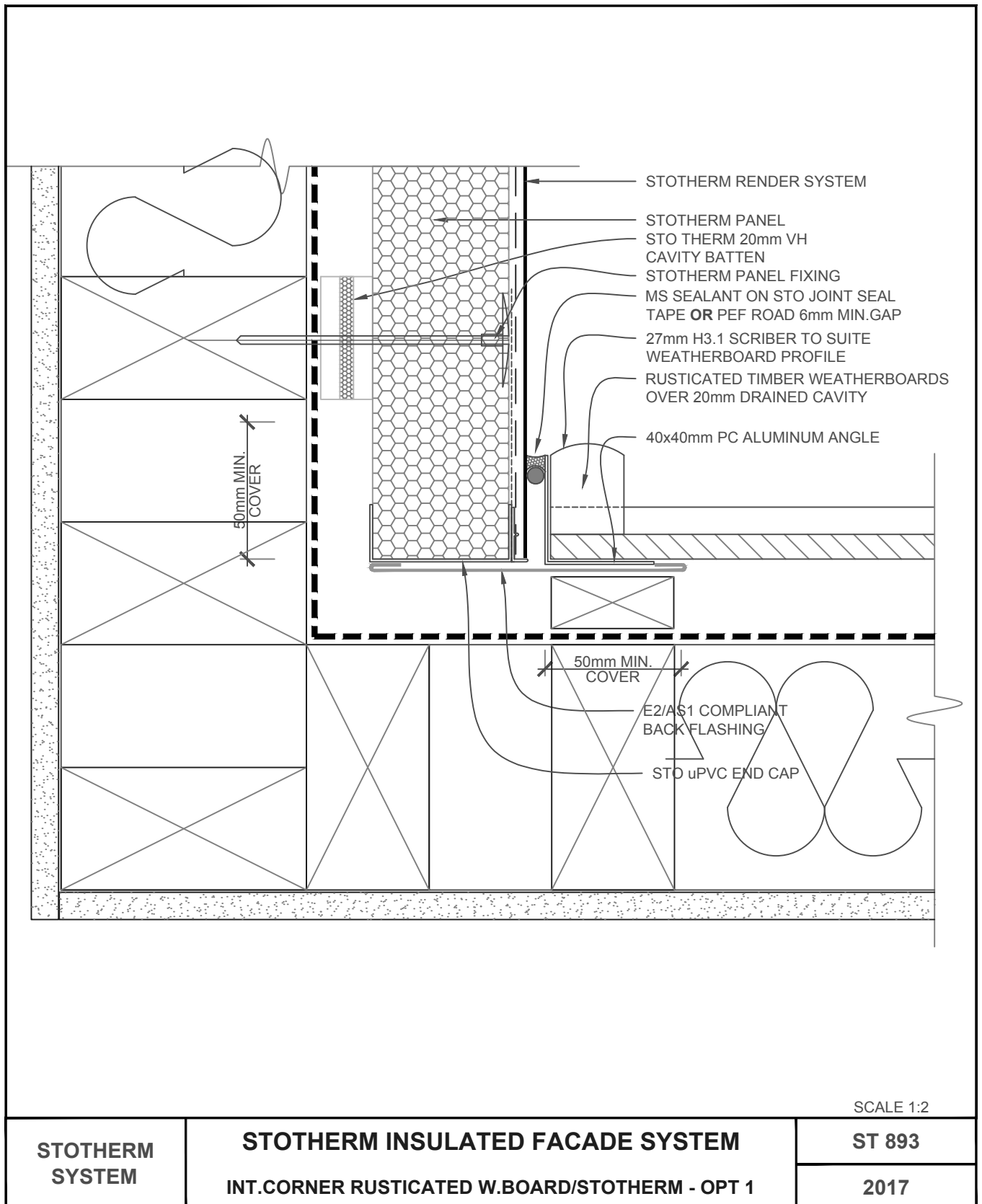


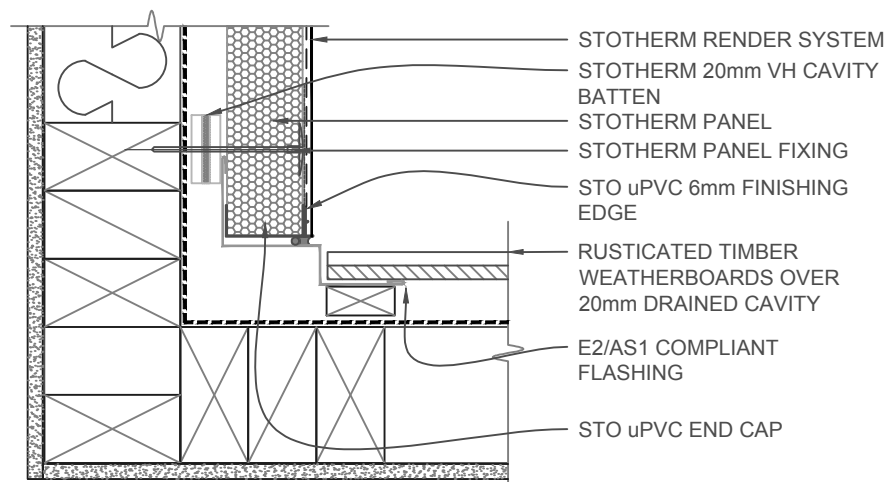
NOTE: IF A TIMBER SCRIBER REQUIRED
EXTEND FLASHING ACCORDINGLY

SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM EXT.CORNER DIRECT FIXED RUSTICATED W.BOARD/STOTHERM	ST 892
		2017

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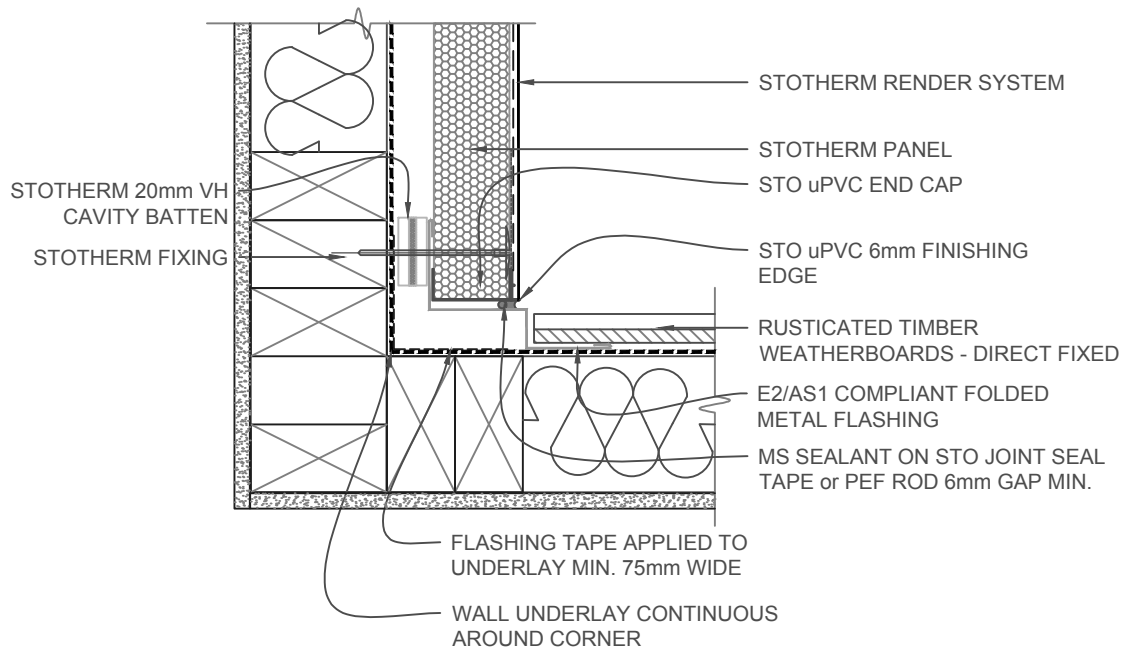




SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM INT.CORNER RUSTICATED W.BOARD/STOTHERM - OPT 2	ST 894
		2017

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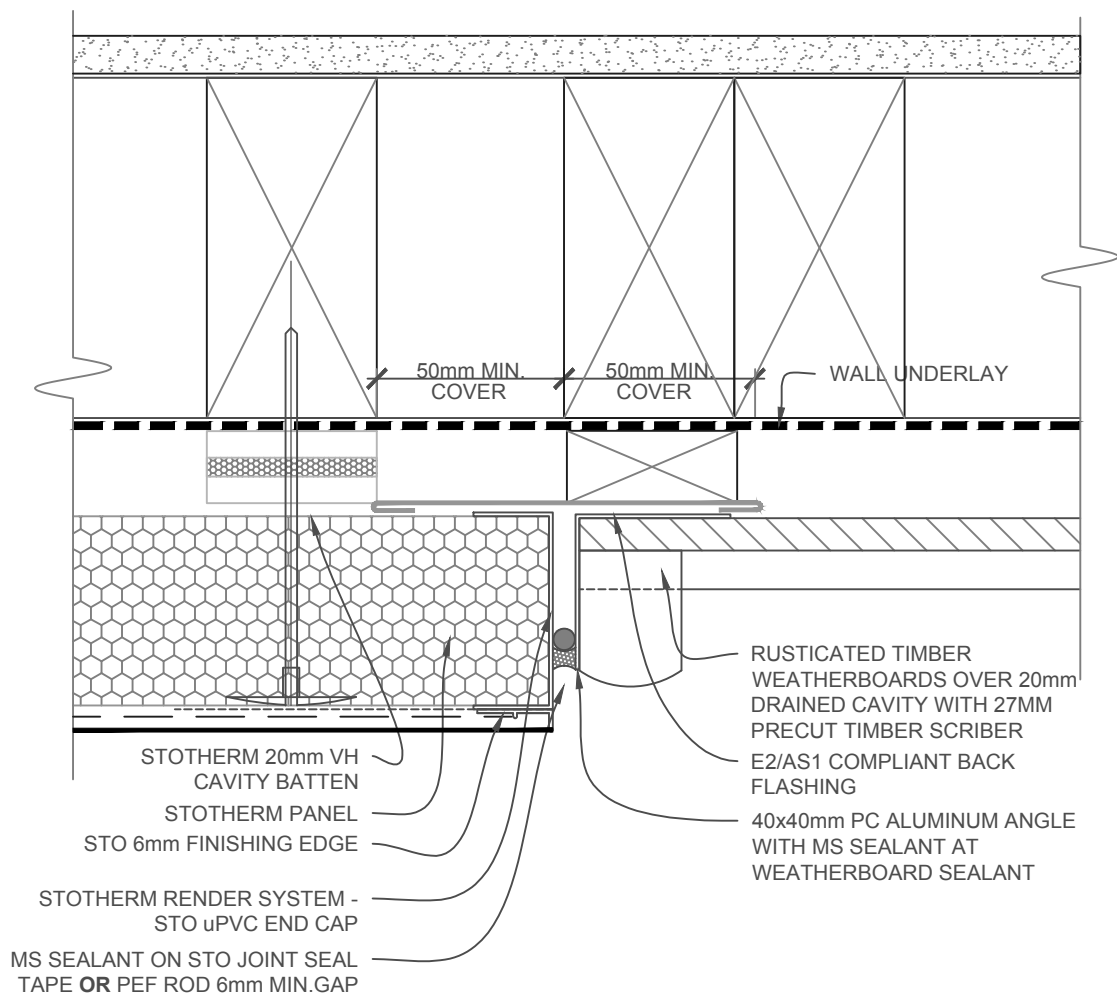


NOTE: IF A TIMBER SCRIBER REQUIRED
EXTEND FLASHING ACCORDINGLY

SCALE 1:5

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM INT.CORNER DIRECT FIXED RUSTICATED W.RBOARD/STOTHERM	ST 895
		2017

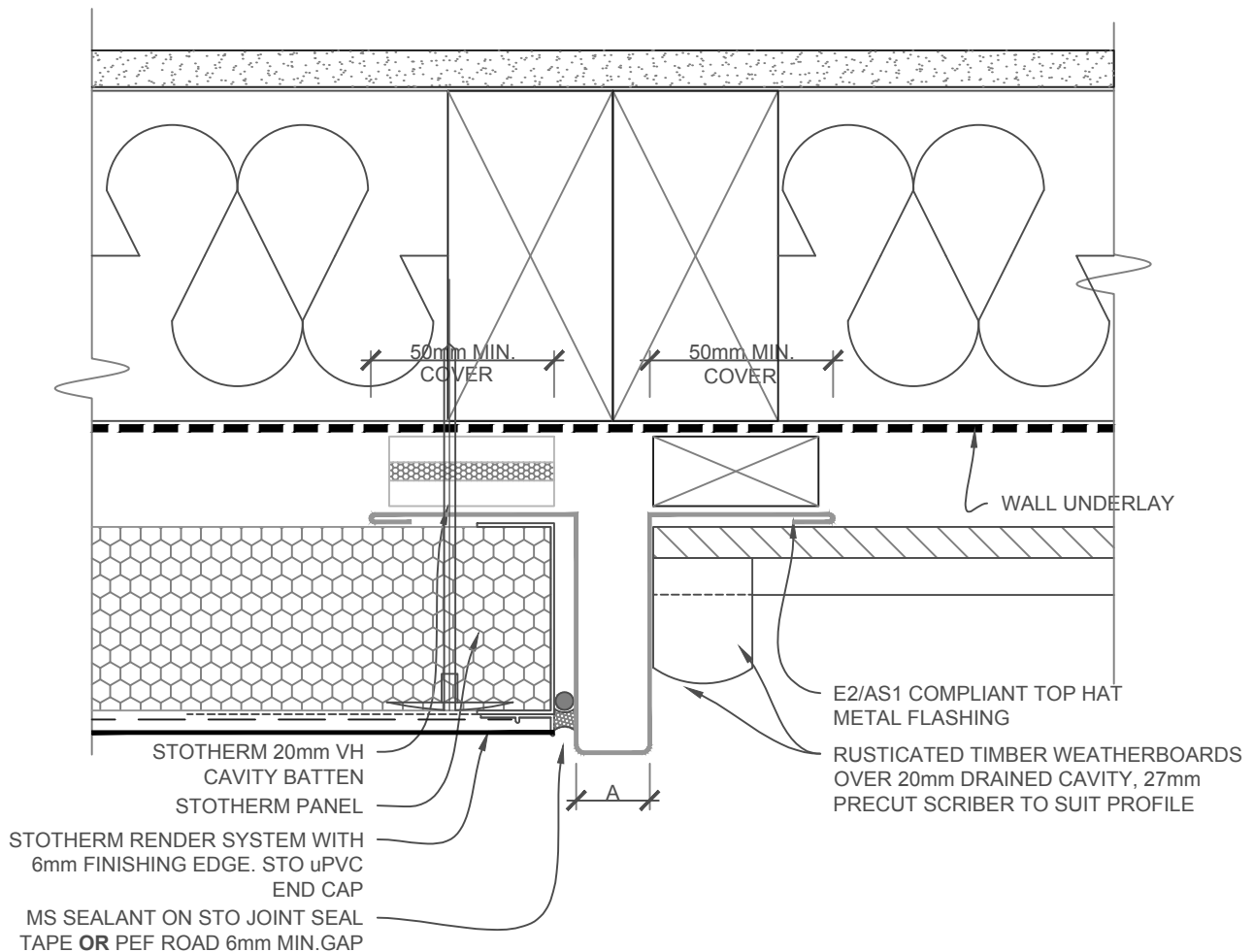
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SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM VERTICAL JOINT - RUSTICATED W.RBOARD/STOTHERM - OPT 1	ST 896
		2017

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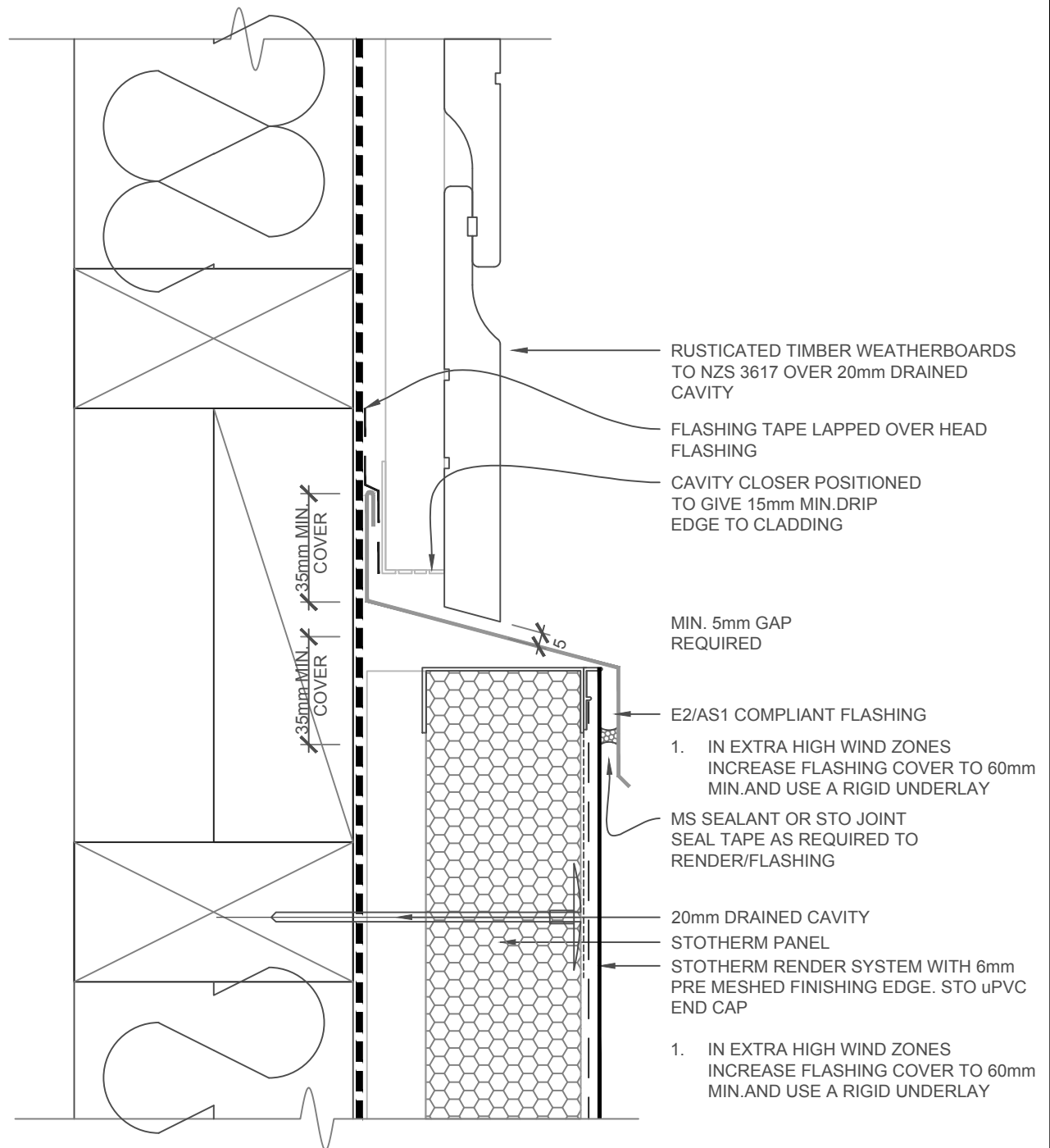


NOTE:
A = CHECK WITH SHEET METAL FOLDER. A NARROW NECK MAY REQUIRE A WELDED JOINT OR WIDER TOP HAT

SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM VERTICAL JOINT - RUSTICATED W.BOARD/STOTHERM - OPT 2	ST 897
		2017

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SCALE 1:2

STOTHERM SYSTEM	STOTHERM INSULATED FACADE SYSTEM HORIZONTAL JUNCTION RUSTICATED W.BOARD/STOTHERM	ST 898
		2017

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