



Technical & Installation Manual

Product Description and
Construction Details

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V2.2

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1. GENERAL DESCRIPTION

The PROBUILT VILLAGE STONE stone veneer cladding system is an exterior wall cladding utilizing a thin stone “veneer” adhered to a BGC Stonesheet™ backing board, attached over battens to the framing, that provides an attractive, medium to heavy weight, highly durable cladding solution perfectly suited to the needs of residential housing and light commercial buildings.

This technical manual outlines the typical installation and details of the PROBUILT VILLAGE STONE stone veneer cladding system. If specifiers require additional or modified details, please contact PROBUILT VILLAGE STONE.

The PROBUILT VILLAGE STONE stone veneer cladding system utilises 20mm to 50mm thick manufactured stone ‘pieces’ or set size stone ‘sections’ which are adhered to a backing board especially suited for this type of exterior cladding.

Typical properties of ‘ProBuilt VILLAGE STONE’ stone pieces –

Sizes	20mm to 45mm thick
Dry Density	*520kg/m ³
Mass/m ²	Ranges from 50-80kg/m ² depending on style of stone
Water Absorption	1.2% after 24 hours for natural stone veneer, 6.96% after 24 hours for manufactured stone veneer (w/w)
Wind Zone	ProBuilt VILLAGE STONE stone veneer cladding system can be used in up to and including Extra High wind zones as defined in NZS 3604:2011

*note: the information is supplied by the manufacturer.

2. SCOPE OF USE & LIMITATIONS

2.1. SCOPE OF USE

The PROBUILT VILLAGE STONE stone veneer cladding system is intended to be used as a masonry veneer cladding installed over cavity battens and a frame protection system, installed over treated timber framing or light gauge galvanised steel framing, for residential and light commercial construction, in wind zones up to and including ‘Extra High’. Timber framing shall be constructed as per NZS 3604 and light gauge steel framing constructed as per NASH3405.

2.2 LIMITATIONS

The PROBUILT VILLAGE STONE stone veneer cladding system is required to be designed and installed according to the details and drawings described in this technical and installation manual, by PROBUILT VILLAGE STONE trained and or approved contractors.

BGC Stonesheet™ backing boards are a fibre-cement based product and dust produced when cutting or grinding them contains crystalline silica, that is irritating to the eyes, skin and respiratory system. Inhalation of this dust can cause irreversible damage to health. Wear suitable protective

clothing and gloves at all times. When cutting, drilling or grinding do so in an open air environment or areas that are well ventilated and wear approved safety glasses and dust mask. All aspects of cutting, drilling or grinding must comply with the latest regulations of the Occupational Safety and Health division of the labour department.

The adhesive components shall be stored on site and kept covered & free of dampness until required. Care should be taken to limit damage to the packaging when handling.

3. COMPLIANCE WITH THE BUILDING CODE

3.1. NZBC COMPLIANCE

The PROBUILT VILLAGE STONE stone veneer cladding system complies with the following clauses of the New Zealand Building Code:

B1 - Structure

B2 - Durability

E2 - External Moisture

F2 - Hazardous Building Materials

3.2. B1 STRUCTURE

The PROBUILT VILLAGE STONE stone veneer cladding system when installed as per this manual is able to withstand up to and including Extra High wind zones as described in NZS 3604:2011. The stone veneer cladding system if installed as per this manual will meet the requirements of NZBC Clause B1.3.2 and B1.3.3 (a), (F) & (h).

3.3. B2 DURABILITY

The PROBUILT VILLAGE STONE stone veneer cladding system when installed as per this manual will meet the requirements of NZBC Clause B2.3.1(a) 50 years+.

3.4. E2 EXTERNAL MOISTURE

The PROBUILT VILLAGE STONE stone veneer cladding system contributes to the requirements of NZBC E2.3.2 relating to the resistance of water penetration, providing the integrity of the specified cladding system is maintained.

The nominal 20mm cavity is provided to:

- Allow moisture to run down the inside of the cavity and escape through the vents or cavity closer.
- Provide air space permitting air to circulate within the cavity and help dry out any dampness.

3.5. F2 HAZARDOUS BUILDING MATERIALS

In reference to NZBC Clause F2.3.1 regarding Hazardous Building Materials, the PROBUILT VILLAGE STONE cladding system is non-hazardous.

4. LIST OF SPECIFIED COMPONENTS

Frame Protection System:	The selected Frame Protection System should include an underlay, seam tape, head flashing tape, pipe gaskets and so on.
Battens:	20x40mm H3.2 timber battens.
Cavity Closer:	Cavity closer supplied by Redway E2 Flashings to suit a 20mm deep cavity.
BGC Panel:	BGC Stonesheet™ 3000 x 1200 x 9mm thick.
BGC Edge Sealer:	Supplied in a 400g aerosol can.
Stone Veneer:	Set sections or individual pieces are supplied by PROBUILT VILLAGE STONE to suit.
Fixings:	10g x 65 stainless steel, class 4 type 17 for 20mm cavity incorporating M6 x 19mm x 1.6mm washers as specified by BGC with fixing spacings at 150mm maximum centres. For a wind zone up to and including 'Very High' studs shall be at 600mm or at 400mm centres for 'Extra High'.
Mortar Mix Additive:	The mortar mix additive is supplied by PROBUILT VILLAGE STONE.
Masonry Mortar Mix:	<ul style="list-style-type: none"> - CEMIX Masonry Mortar Mix, supplied by numerous building supply outlets. - DRYMIX INDUSTRY MORTAR, see www.drymix.co.nz.
Sealants:	Sikaflex MS or Loctite AS6000 Adhesive Sealant.
PU Foam:	Penosil or PROBUILT VILLAGE STONE approved low foaming PU foam.
PEF Rod:	Sika PEF closed cell polyethylene foam rod or similar.
Butyl Joint Tape:	Ace Waterproofing Butyl Joint Tape (4420) is supplied by Insulation Wholesalers, who can be found at http://www.insulationwholesalers.co.nz/products/waterproofing-tape
Window/Door Flashings:	PVC sill pan supplied by Redway E2 Flashings. PVC jamb flashing supplied by Redway E2 Flashings.
Foam Tape:	INSEAL 3259 3mm thick by 6mm wide, available from ACME Distributors.

Note: Powder coated aluminium head flashings are typically supplied by the window and door supplier.

5. MAINTENANCE AND WARRANTY

5.1. MAINTENANCE

The PROBUILT VILLAGE STONE stone veneer cladding should be regularly cleaned, at least annually, with detergent wash.

Inspections of the complete cladding surface must be carried out at least annually at the end of summer. Because of settling after construction, and the slow moisture-loss shrinkage of concrete slabs, it is recommended that six-monthly inspections be made for the first twelve months.

Any cracks or damaged areas, including flashings and seals that have deteriorated, must be repaired immediately to ensure the integrity of the building envelope is maintained. Please contact PROBUILT VILLAGE STONE for advice.

5.2. WARRANTY

The PROBUILT VILLAGE STONE stone veneer cladding system and associated materials, when installed as per this manual, are warranted for a minimum life period of 15 years (from date of completion). Failure to correctly maintain the system may void any warranties offered with the system.

6. CONSTRUCTION DETAILS AND DRAWINGS

6.1. FRAMING & FRAME PROTECTION REQUIREMENTS

Steel and timber framed wall studs should be placed at not more than 600mm centres and are to be constructed to NZS3604:2011 for timber framing or NASH3405 for light gauge steel framing.

Prior to installation of the PROBUILT VILLAGE STONE cladding system, a 'Frame Protection System' comprising a PROBUILT VILLAGE STONE approved wall underlay/ wrap must be fixed according to the manufacturer's instructions to the exterior wall framing and dressed into all window and door openings using the wall underlay manufacturer's specified seam tape. Ensure the underlay is installed horizontally, and has all perimeter edges and laps taped. Ensure only the manufacturer's approved gaskets are used to seal water pipe and conduit penetrations to the wall underlay.

On completion of the installation of the Frame Protection System, H3.2 treated timber battens are to be fixed through the underlay to the framing.

Note that vertical control joints must be included at 5400mm maximum centres or 6000mm maximum if the wall finishes at an external corner as per the drawings. Responsibility for the locations of these controls joints is with the designer.

6.2. CONSTRUCTION GUIDANCE

6.2.1. Installation Checklist:

A pre PROBUILT VILLAGE STONE cladding system installation check is required: ensure the builder / LBP has completed items set out in the pre-cladding check list. (See section 8- 'Pre-Installation Checklist' for details)

6.2.2. Stone Veneer Cladding System Installation:

- Cavity battens: 20 x 40mm H3.2 timber battens are attached to the framing using galvanized nails, or screws to fix the battens to the timber or steel framing.
- Installation of the cavity closer: Fix the Redway cavity closer underneath the bottom edge of the battens to the framing, to form a closed bottom to the cavity space created by the cavity battens.

- Fixing Stonesheet™ sheets through 20mm cavity battens: Stonesheet™ sheets are fixed using 10g x 65 stainless steel, class 4 type 17 for 20mm cavity, incorporating M6 x 19mm x 1.6mm washers. Fixing spacing should be 150mm centres.
- Installation of the Butyl Joint Tape: Once the Stonesheet boards have been fixed through the battens to the framing, the joints between sheets and from the edge of the aluminium window joinery to the Stonesheet™, shall be sealed using the Ace Waterproofing Butyl Joint Tape. Refer to the drawings.
- Flashings: Ensure all flashings have been placed correctly as per the details in this manual, before cutting the claddings to suit the openings and head flashings.
- Installation of the scratch coat: Once the Butyl Joint Tape has been installed, the scratch coat is made up from an application of slurry made from CEMIX Masonry Mortar Mix and Mortar Mix Additive. This slurry is applied by brush to the Stonesheet™ and over the Butyl Joint Tape, and allowed to cure.
- Pre-stone veneer installation check: Ensure the scratch-coat treated surfaces are dry, clean and free of any dirt, dust or foreign matter before carrying out the installation of the stone veneer pieces or set size sections.
- Stone adhesive: Mix the Masonry Mortar Mix with the supplied liquid additive in the ratio of 1 to 1. Mix thoroughly. Check the stiffness of the mix and adjust as required. Apply this adhesive to the back of the stone veneer before placing onto the Stonesheet™.
- When all the stone veneer has been placed onto the Stonesheet™, pointing may be required using the stone adhesive.

6.2.3. Installer's Requirements

Installation of the stone veneer should be done only by those who have been trained and approved by VILLAGE STONE.

6.3. CONSTRUCTION DRAWINGS

The construction drawings are listed in APPENDIX A.

7. QUALITY MANAGEMENT

7.1. BUILDING PRODUCT QUALITY PLAN

Quality of the PROBUILT VILLAGE STONE stone veneer cladding system is managed through the use of onsite checklists, provided in section 8 of this technical manual and a Building Product Quality Plan (BPQP). The PROBUILT VILLAGE STONE BUILDING PRODUCT QUALITY PLAN v1 is a separate document and is available from PROBUILT VILLAGE STONE on request.

8. ONSITE CHECKLISTS OF THE PROBUILT VILLAGE STONE CLADDING SYSTEM



PRE-CLADDING INSTALLATION CHECK LIST

For builders, LBPs and building inspectors

Consent No: _____
 Commence Date: _____
 Client Name: _____ phone: _____
 Builder: _____ phone: _____
 Architect: _____ phone: _____

Builder/LBP must have the framing and other components of the building correctly installed to enable the installation of the PROBUILT VILLAGE STONE

Floor slab lay out

- In the case of an installation of over-hanging the slab, the framing should be flush with the slab ☐ Y or ☐ N
- Ensure approved DPC is installed as per manufacturer's specification ☐ Y or ☐ N
- Ensure minimum 1m clearance around the base to allow for stone installation ☐ Y or ☐ N
- Ensure the surface of rebated slab are smooth and level ☐ Y or ☐ N

Framing

- All straight and level and constructed as per the relevant Standard ☐ Y or ☐ N
- Studs straightened for wall lining before the PROBUILT VILLAGE STONE cladding system is installed ☐ Y or ☐ N

Wall underlay

- Exterior timber and steel framing must be protected from the ingress of wind and moisture using a 'Frame Protection System' comprising a PROBUILT VILLAGE STONE approved wall underlay/ wrap, fixed to the exterior wall framing and dressed into all window and door openings using the wall underlay manufacturer's specified seam tape. Ensure the underlay is installed horizontally, and has all perimeter edges and laps taped. ☐ Y or ☐ N
- Ensure only the manufacturer's approved gaskets are used to seal water pipe and conduit penetrations to the wall underlay. Ensure no other trades are permitted to subsequently penetrate the installed underlay/wrap. ☐ Y or ☐ N

Windows

- Window distance from framing 5 mm from outside of framing to inside flange of aluminium window joinery. Refer to drawings. ☐ Y or ☐ N
- Continuous window support bars and PROBUILT VILLAGE STONE specified sill pans are to be used on all windows. ☐ Y or ☐ N

Plumbing

- All plumbing including gas lines need to be pressure tested prior to installation of internal and external linings. ☐ Y or ☐ N

Variations/ Concerns/ Comments by the builder/LBP:

Builder/ LBP: _____ **No.** _____

Signature: _____



Stonesheet Installation CHECK-LIST

For trained installers and building inspectors

Consent No: _____

Commence Date: _____

Client Name: _____ phone: _____

Builder: _____ phone: _____

Architect: _____ phone: _____

PROBUILT VILLAGE STONE suggests an inspection by a Building Inspector at the time of installation of the Stonesheet™

- Ensure sheets are fixed using 10g x 65 stainless steel, class 4 type 17 screws for a 20mm cavity, incorporating M6 x 19mm x 1.6mm washers ☐ Y or ☐ N
- Screws must be 12mm from the edge and 50mm from the corner of the sheets. ☐ Y or ☐ N
- All external and internal corners and vertical control joints are installed as required in this technical manual ☐ Y or ☐ N
- Ensure that sill pans and jamb flashings are in place and sealed with corner soakers as required in this technical manual ☐ Y or ☐ N
- Ensure window head flashings are fixed in place correctly and taped to the wall underlay ☐ Y or ☐ N
- Battens should be fixed in a straight line to bottom of the cladding and allow for the installation of the cavity closer ☐ Y or ☐ N
- Ensure parapet flashings are in place and checked by builder and building inspector prior to plastering where relevant ☐ Y or ☐ N
- All pipe work/penetrations through cladding and stone veneer are to be made weathertight filled with low expandable foam and sealed flush with PROBUILT VILLAGE STONE specified sealant ☐ Y or ☐ N

Variables/ Concerns/ Comments:

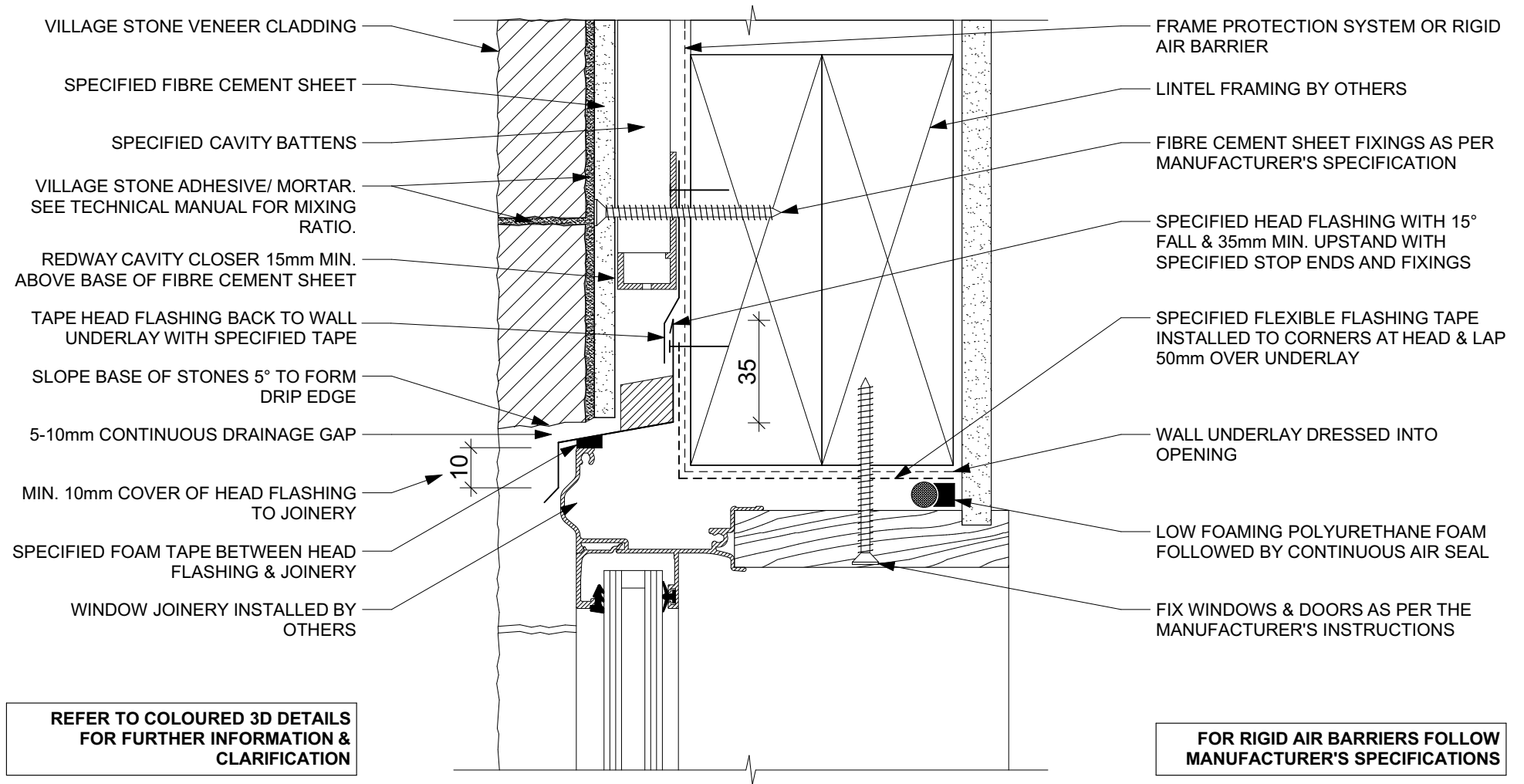
TRAINED INSTALLER: _____ **Signature:** _____

Approved by: _____ **signature:** _____

APPENDIX A – CONSTRUCTION DRAWINGS

DWG – 01 WINDOW HEAD DETAIL
DWG – 02 WINDOW SILL DETAIL
DWG – 03 WINDOW JAMB DETAIL
DWG – 04 PLAN VIEW OF EXTERNAL CORNER
DWG – 05 PLAN VIEW OF INTERNAL CORNER
DWG – 06 SLAB EDGE DETAIL
DWG – 07 REBATED SLAB EDGE DETAIL
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DWG – 19 PLAN VIEW OF EXTERNAL CORNER JOINT WITH ALTERNATIVE CLADDING
DWG – 20 PLAN VIEW OF INTERNAL CORNER JOINT WITH ALTERNATIVE CLADDING
DWG – 21 PLAN VIEW OF COLUMN DETAIL
DWG – 22 COLUMN BASE DETAIL
DWG – 23 HALF COLUMN DETAIL
DWG – 24 HALF COLUMN CAPPING DETAIL
DWG – 25 WINDOW HEAD 3D SEQUENCE
DWG – 26 WINDOW SILL 3D SEQUENCE





DWG - 01

WINDOW HEAD DETAIL

SCALE - 1:2

ProBuilt VILLAGE STONE STONE VENEER CLADDING SYSTEM

VERSION - 18/03/2016



THESE DRAWINGS ARE TO BE READ IN CONJUNCTION
WITH THE PROBUILT VILLAGE STONE
SPECIFIED/ACCEPTED PRODUCTS LIST, INCLUDED IN
THE PROBUILT VILLAGE STONE TECHNICAL MANUAL.

**REFER TO COLOURED 3D DETAILS
FOR FURTHER INFORMATION &
CLARIFICATION**

WINDOW JOINERY INSTALLED BY
OTHERS

PROPRIETARY SUPPORT BLOCKS BY
JOINERY MANUFACTURER

5mm GAP BEHIND & 6mm DRAINAGE
GAP UNDER WINDOW FLANGE

MIN. 8mm COVER OF JOINERY TO FIBRE
CEMENT SHEET

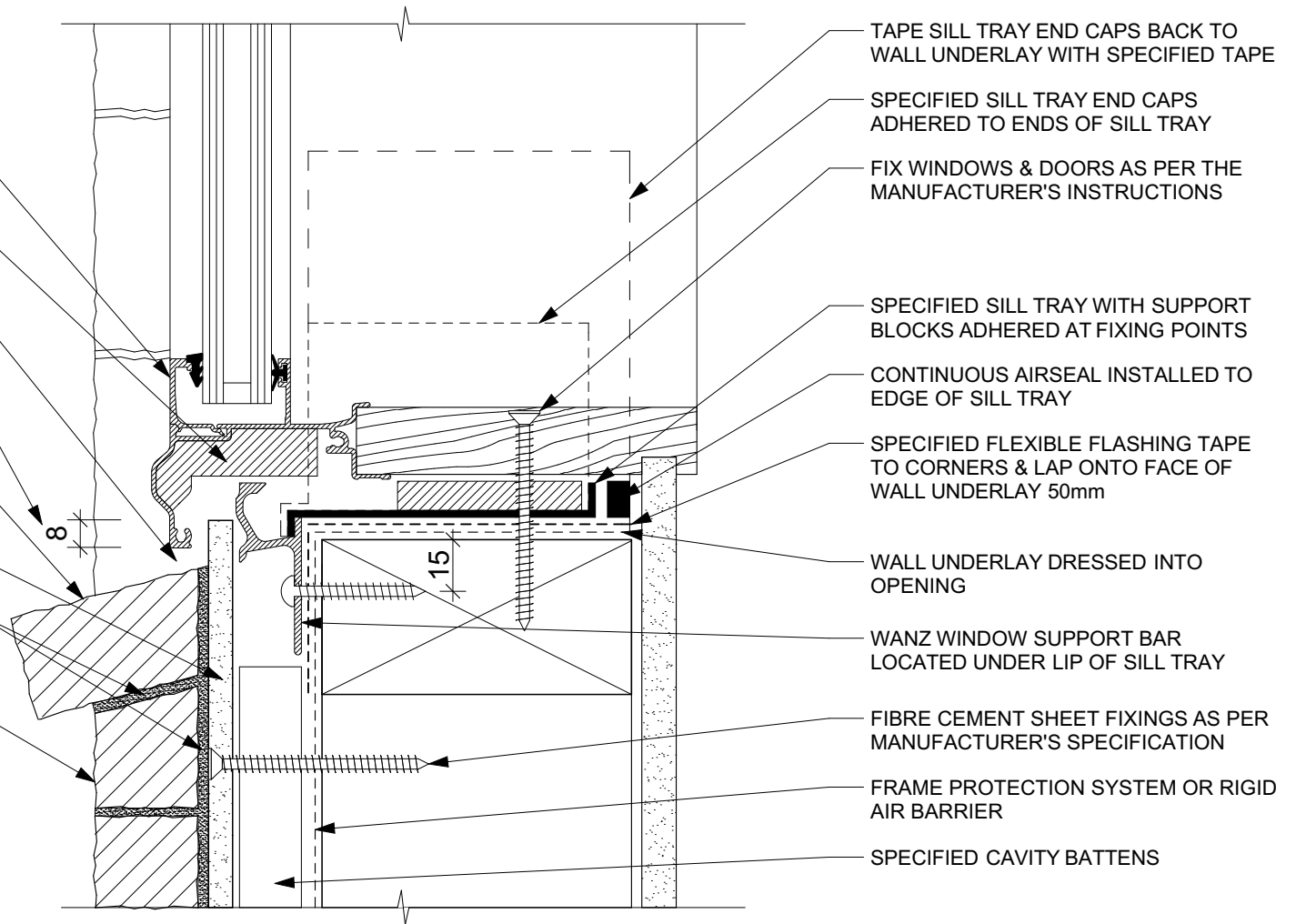
VILLAGE STONE SILL WITH 15° MIN.
SLOPE

SPECIFIED FIBRE CEMENT SHEET

VILLAGE STONE ADHESIVE/ MORTAR.
SEE TECHNICAL MANUAL FOR MIXING
RATIO.

VILLAGE STONE VENEER CLADDING

**FOR RIGID AIR BARRIERS FOLLOW
MANUFACTURER'S SPECIFICATIONS**



DWG - 02

WINDOW SILL DETAIL

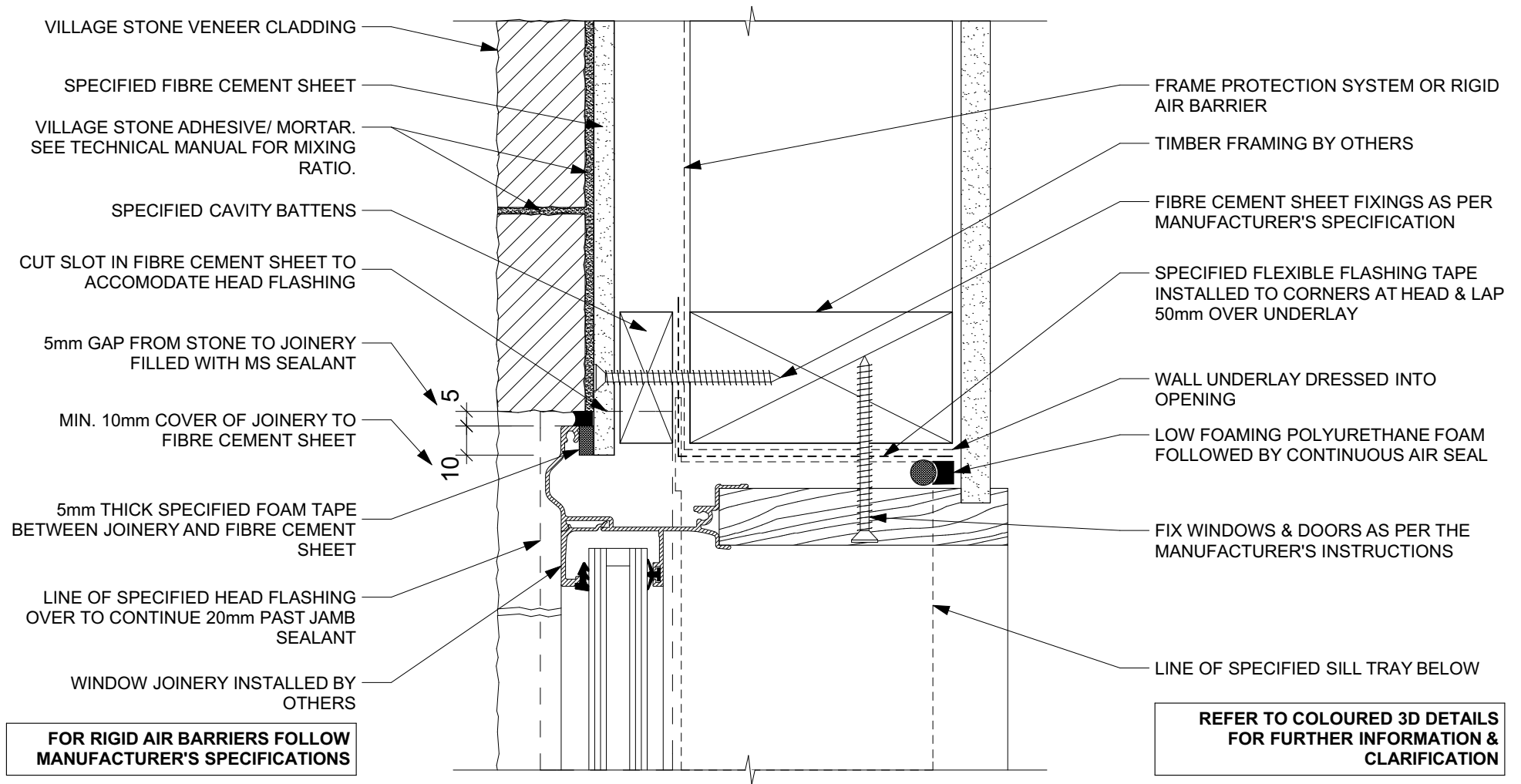
SCALE - 1:2

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DWG - 03

WINDOW JAMB DETAIL

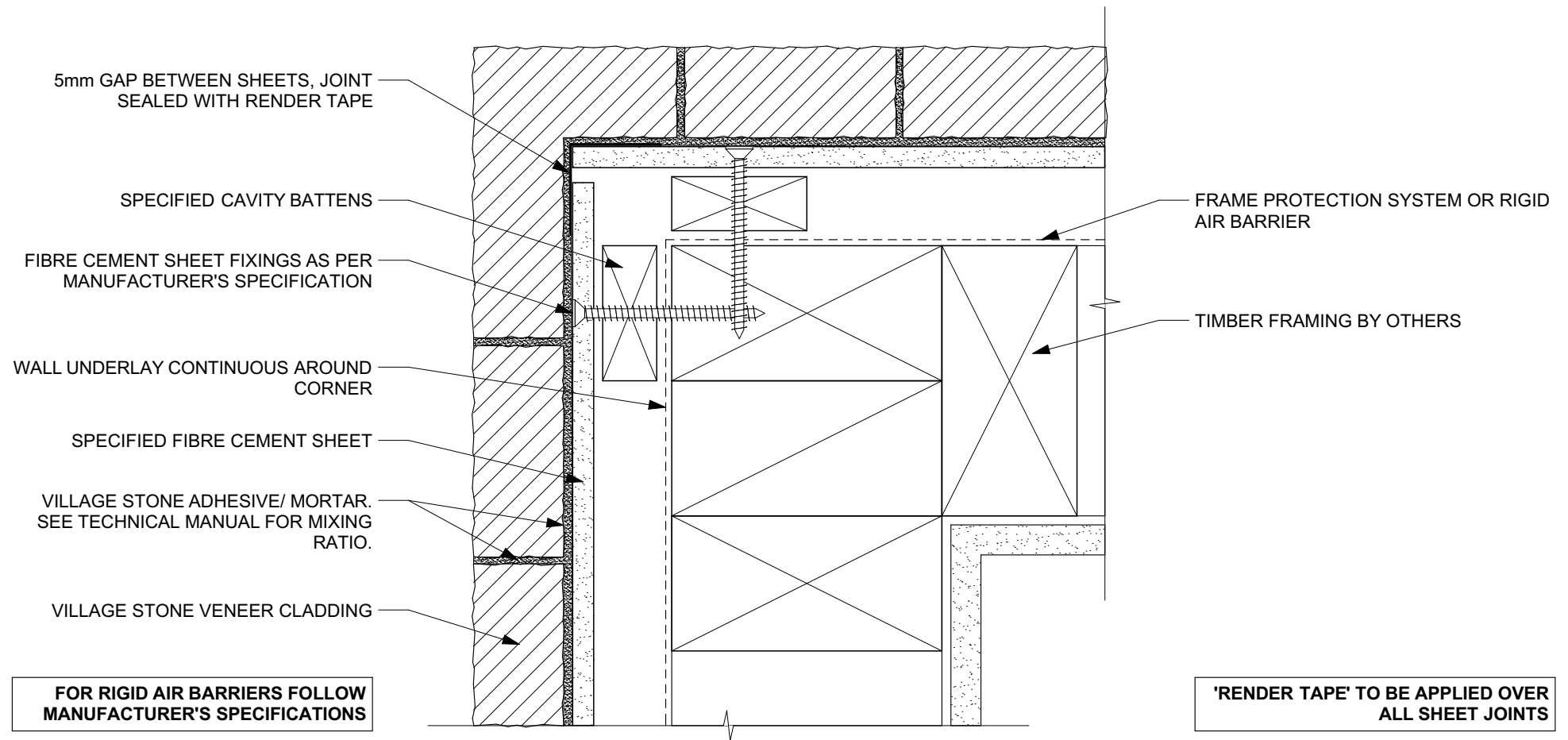
SCALE - 1:2

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DWG - 04

PLAN VIEW OF EXTERNAL CORNER DETAIL

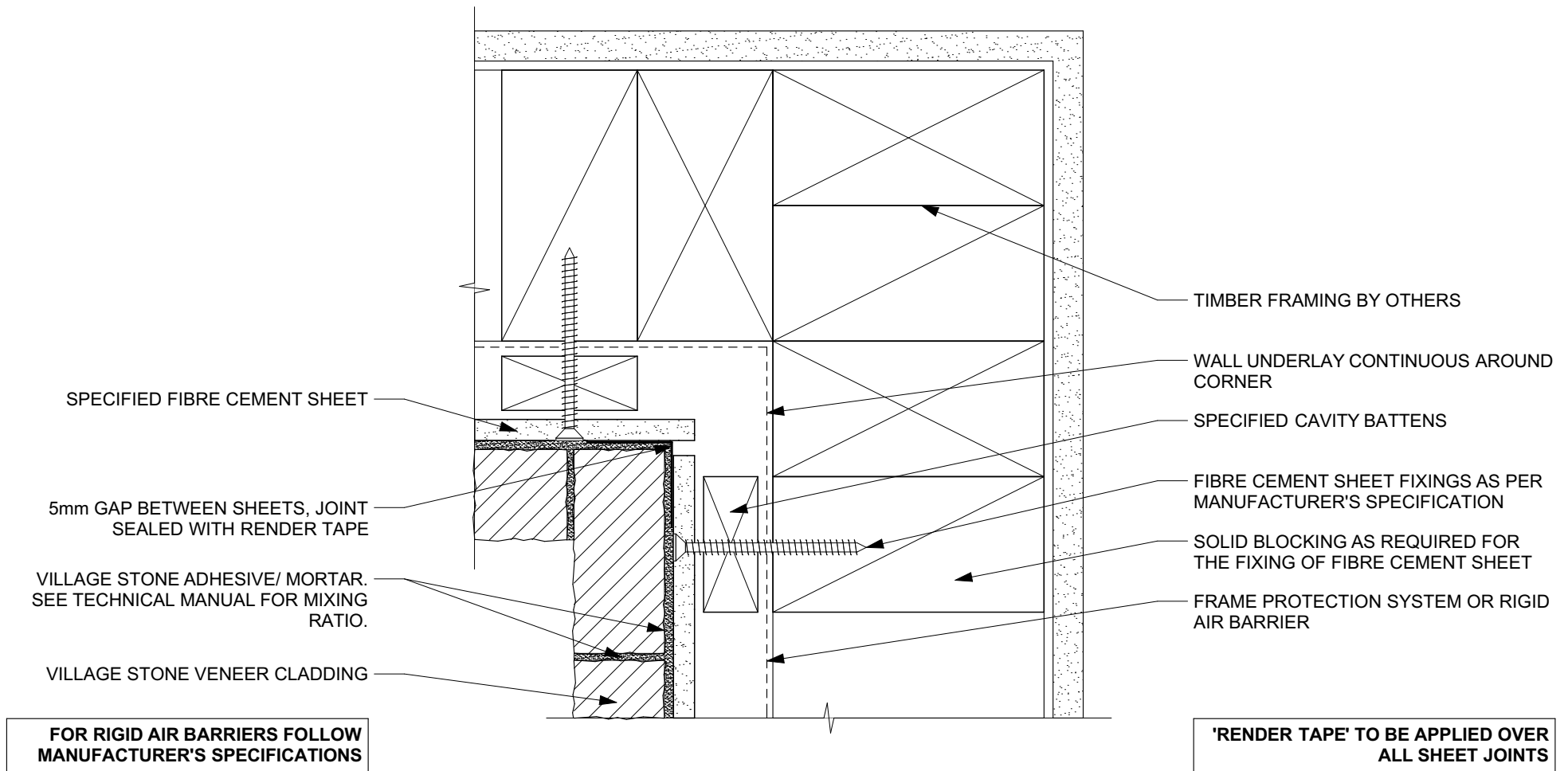
SCALE - 1:2

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DWG - 05

PLAN VIEW OF INTERNAL CORNER DETAIL

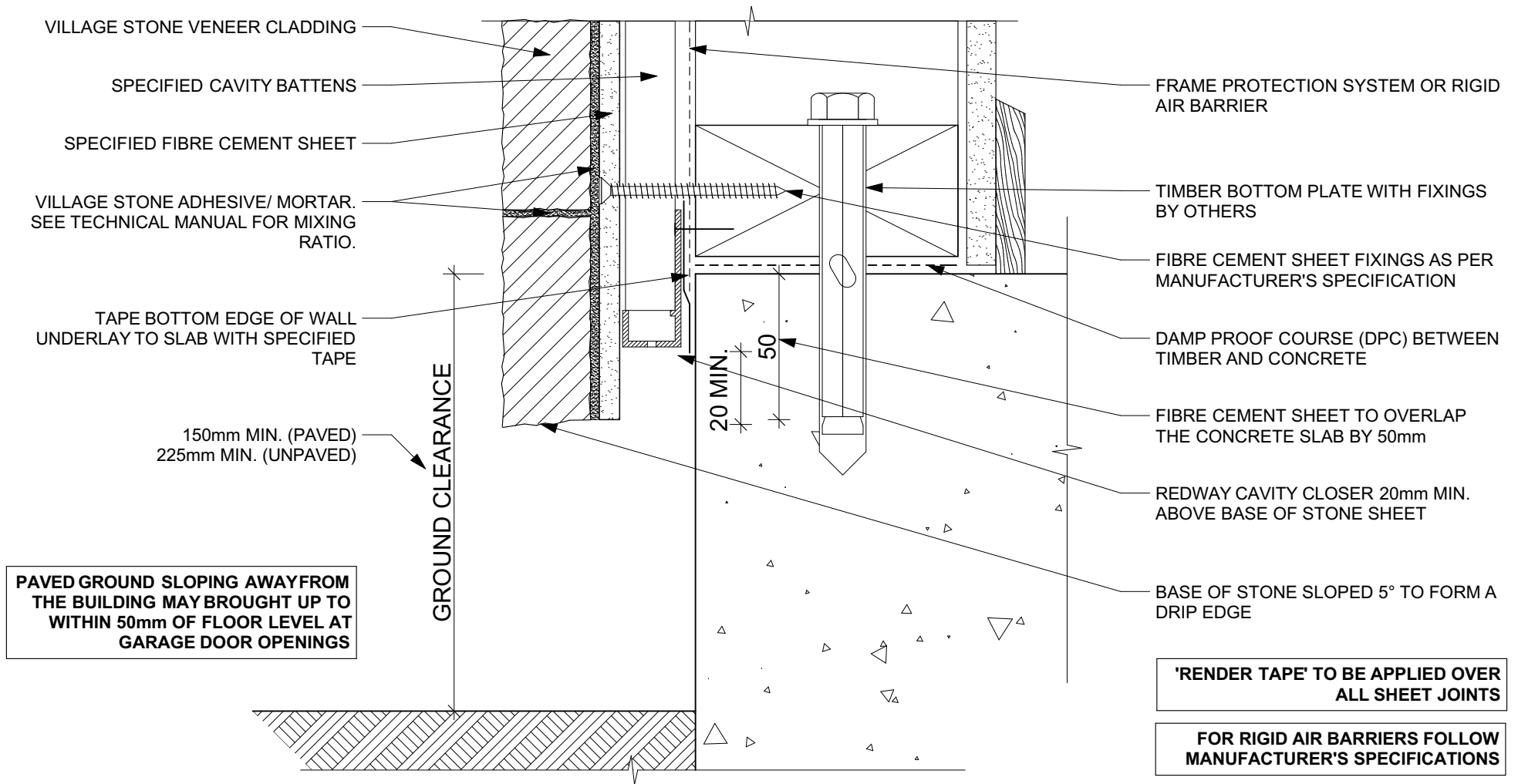
SCALE - 1:2

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DWG - 06

SLAB EDGE DETAIL

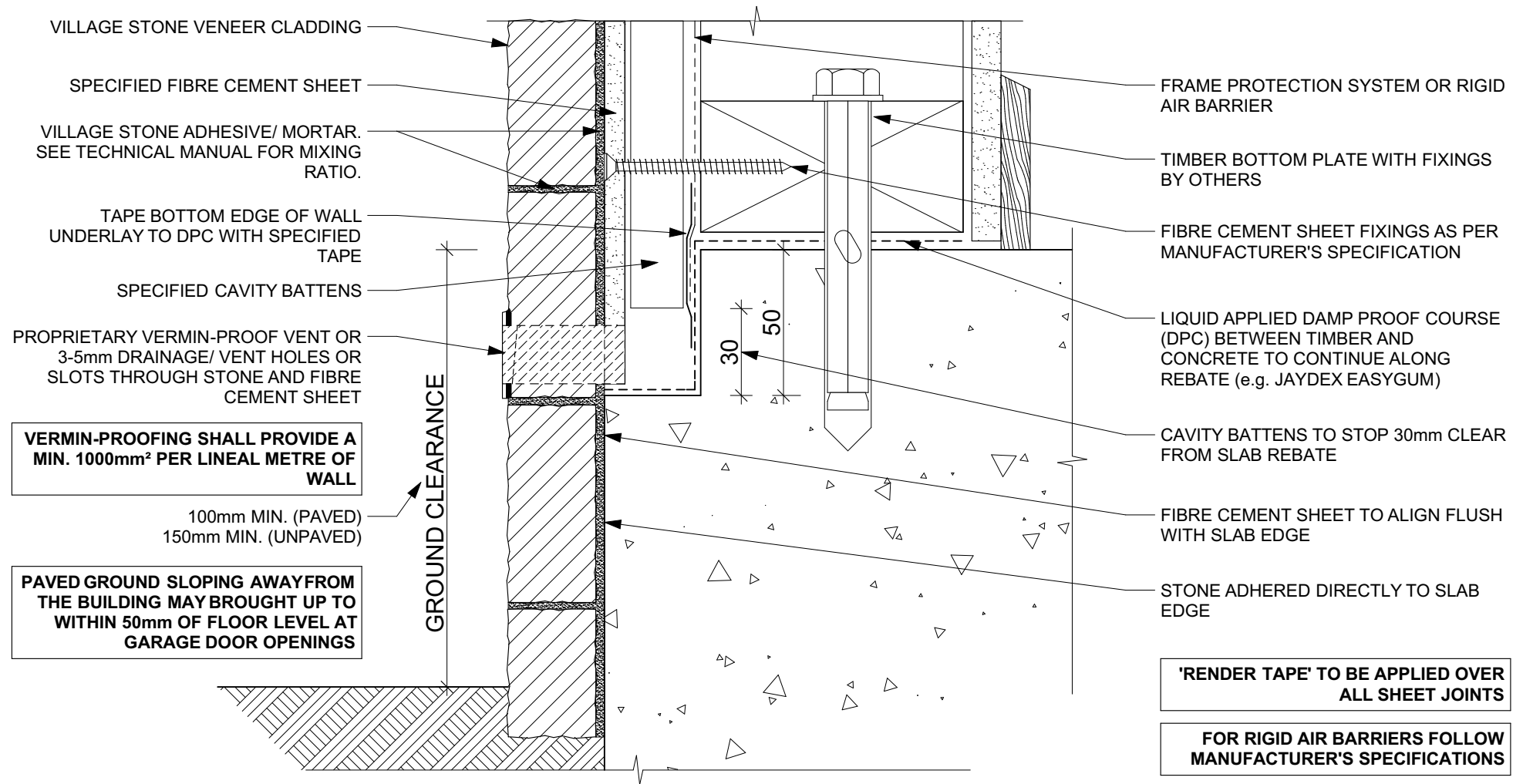
SCALE - 1:2

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DWG - 07

REBATED SLAB EDGE DETAIL

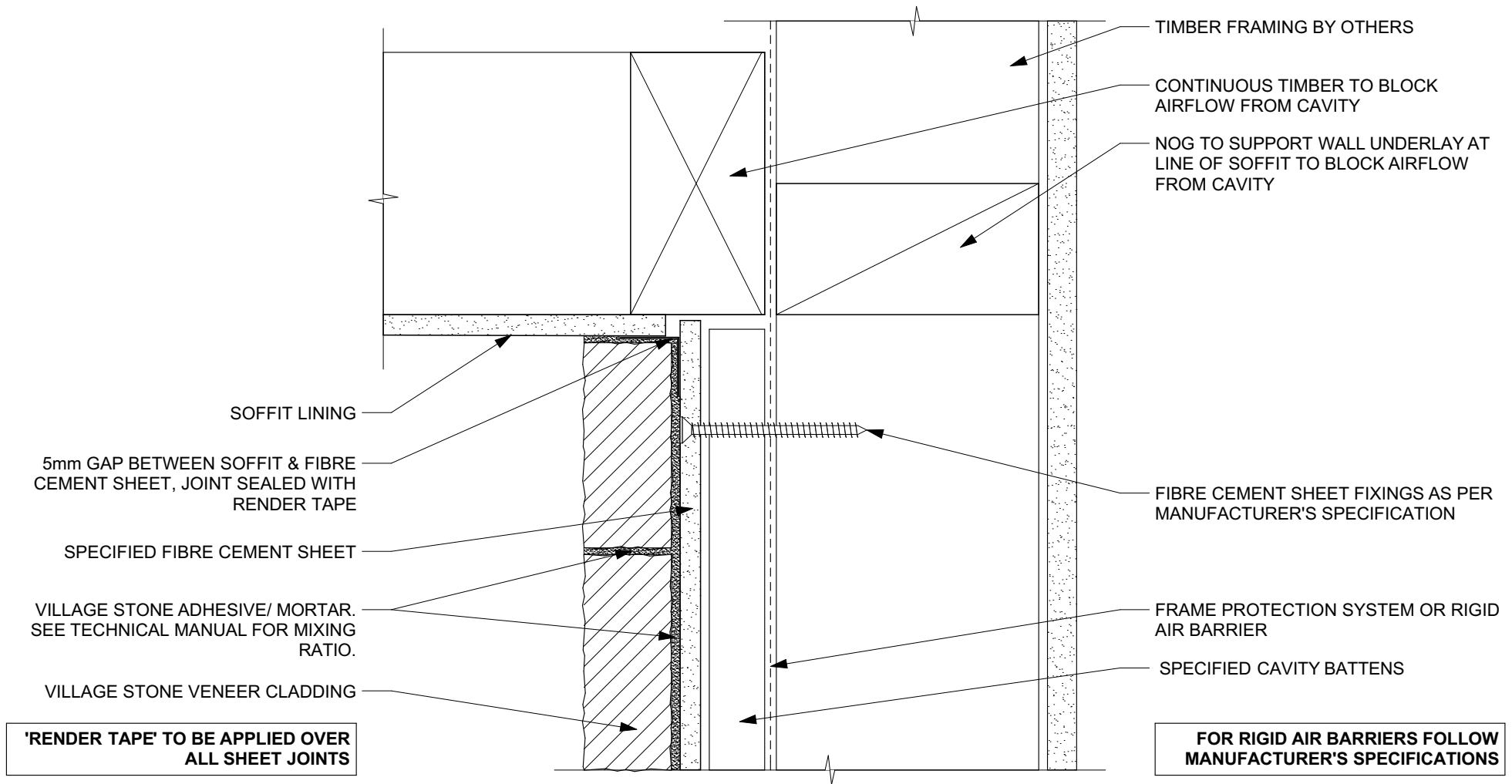
SCALE - 1:2

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DWG - 08

SOFFIT DETAIL

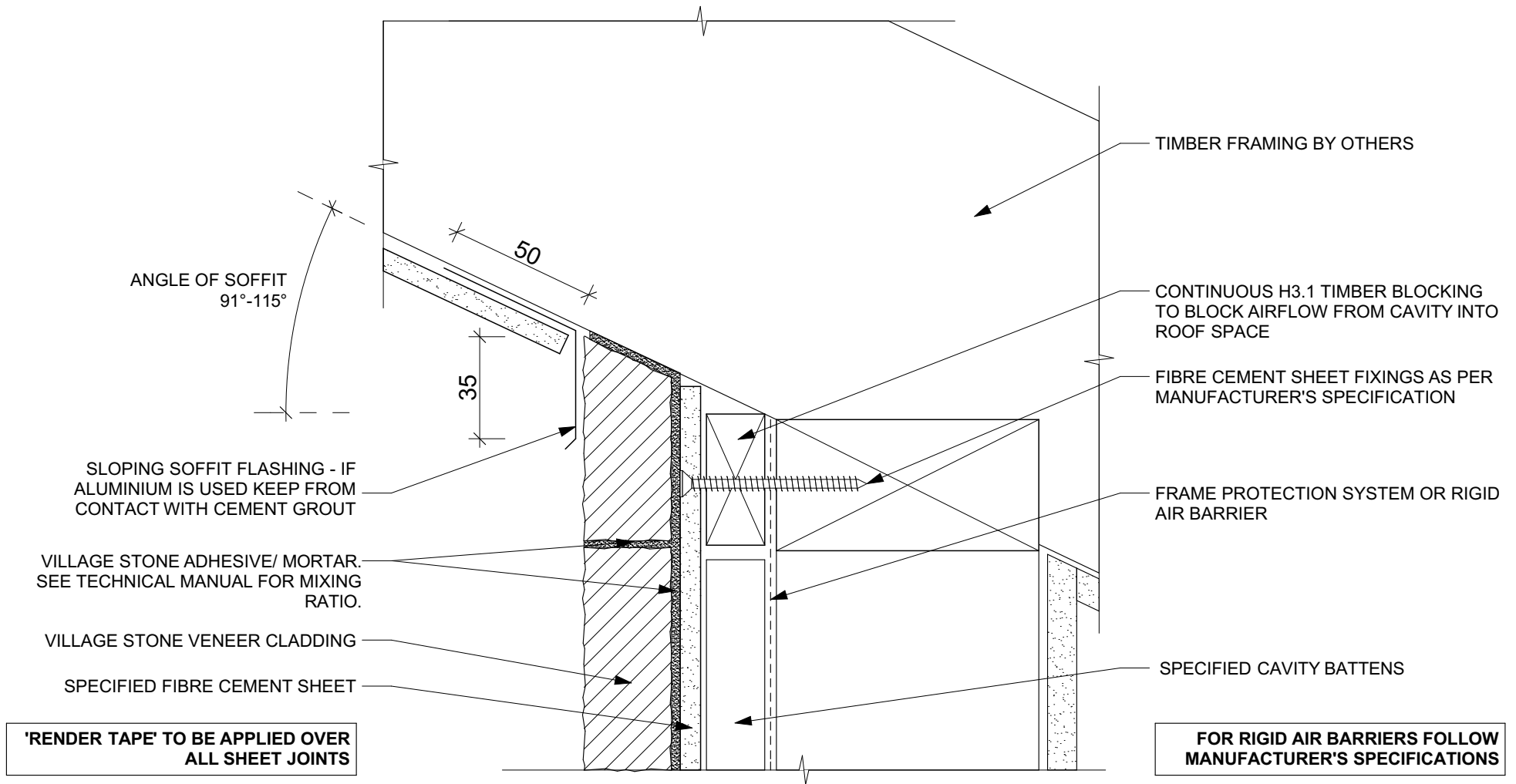
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DWG - 09

SLOPING SOFFIT DETAIL

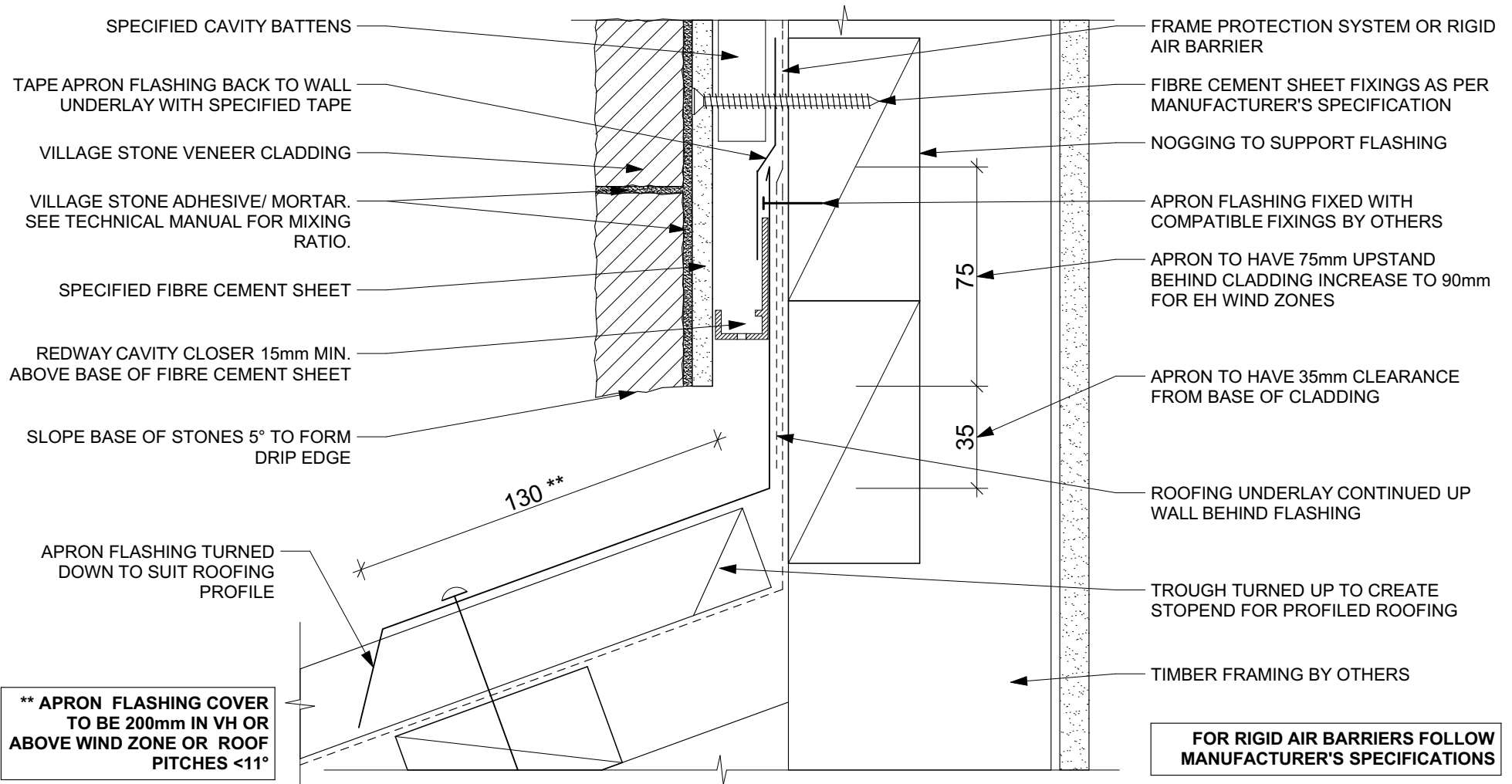
SCALE - 1:2

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DWG - 10

TRANSVERSE APRON DETAIL

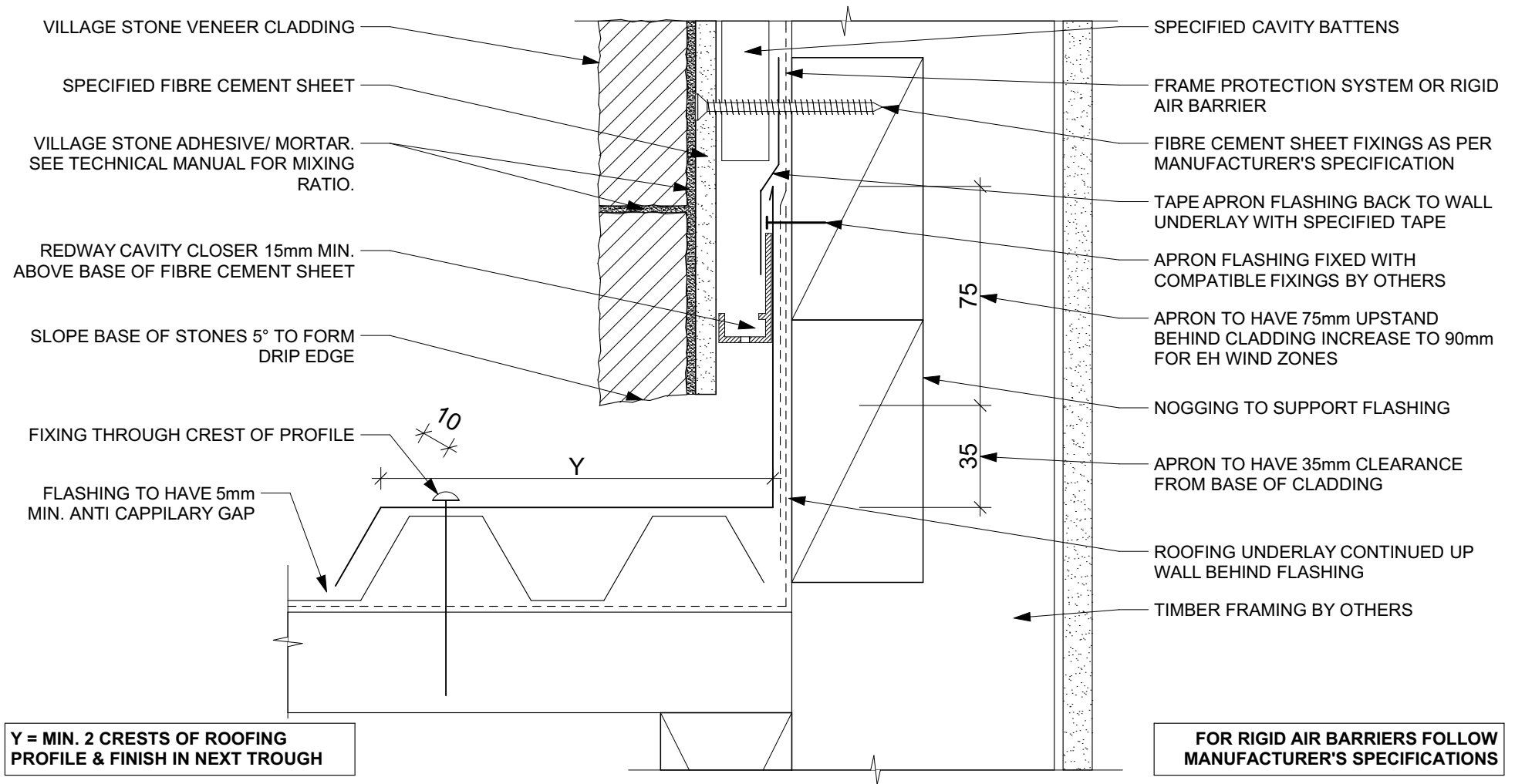
SCALE - 1:2

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DWG - 11

PARALLEL APRON DETAIL

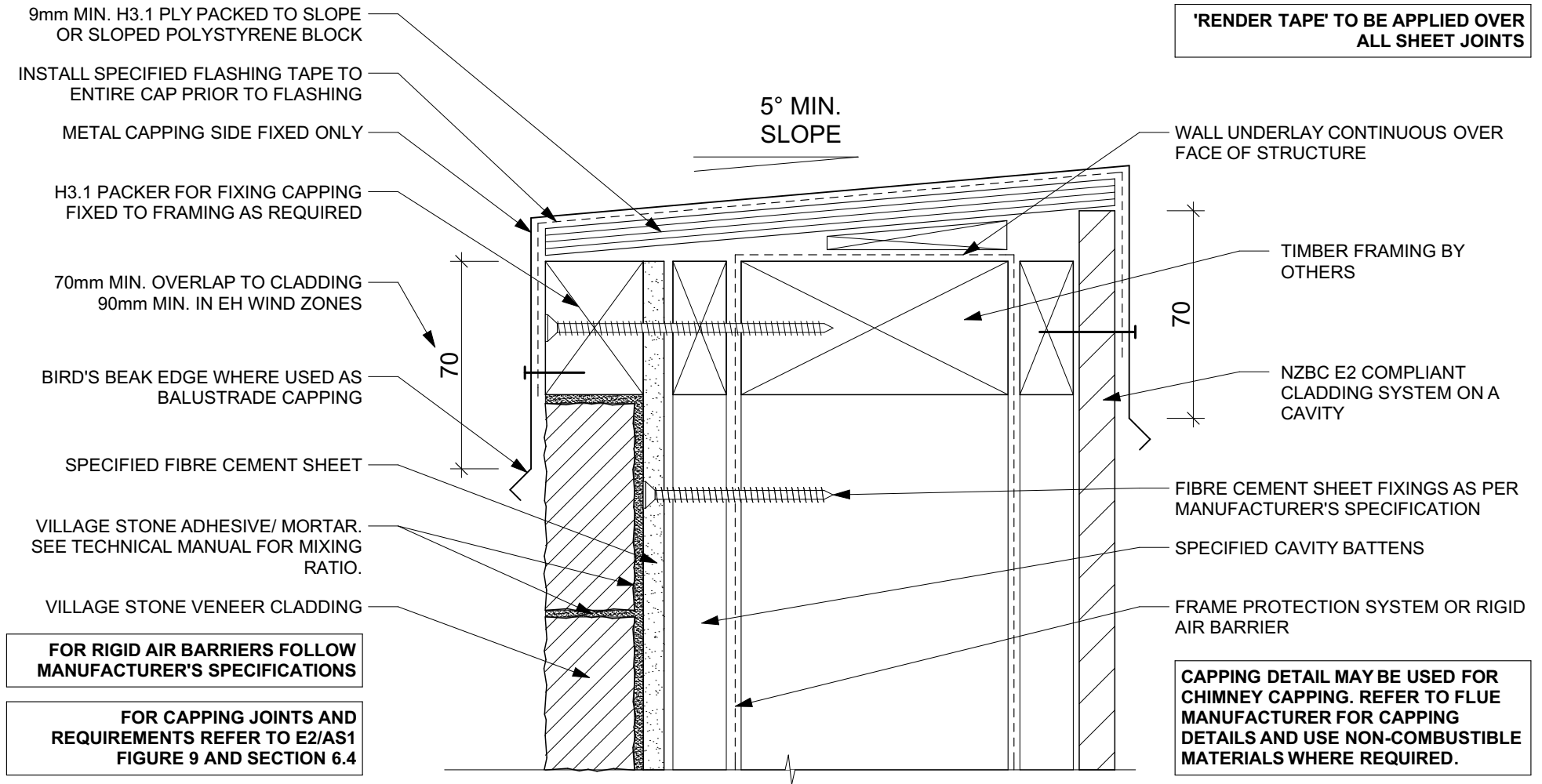
SCALE - 1:2

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VERSION - 18/03/2016



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DWG - 12

PARAPET/ BALUSTRADE DETAIL

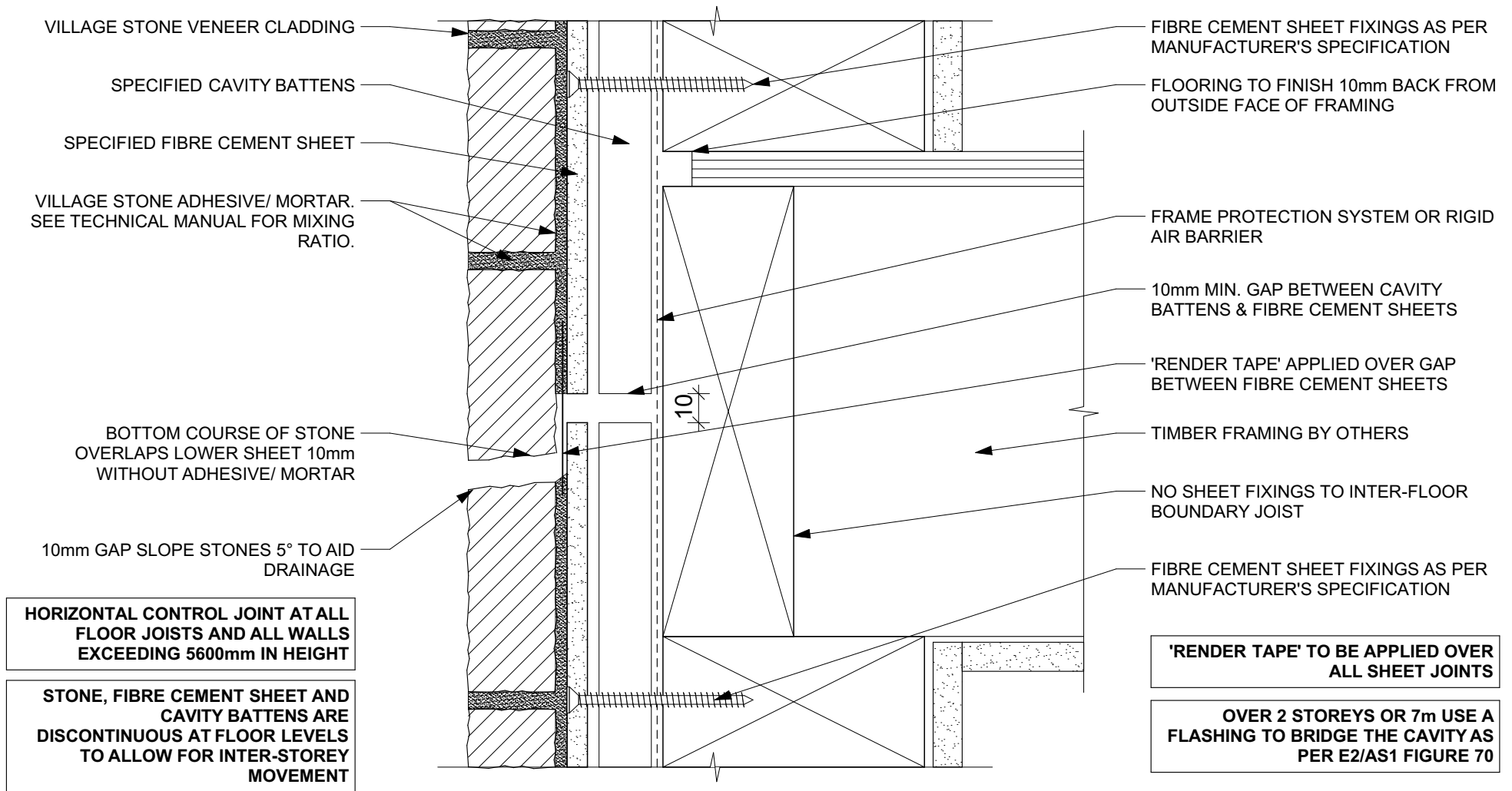
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DWG - 13

HORIZONTAL CONTROL JOINT

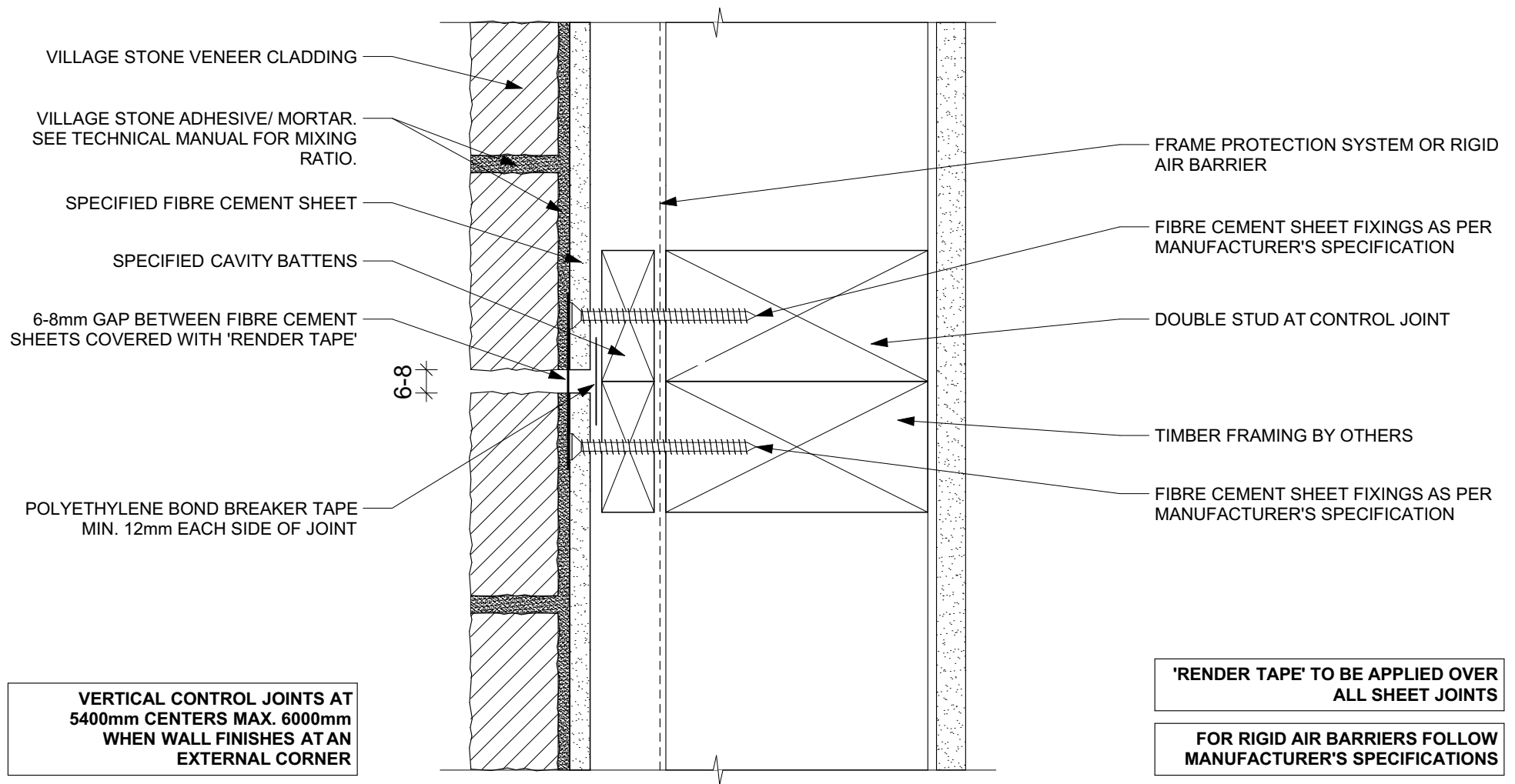
SCALE - 1:2

ProBuilt VILLAGE STONE STONE VENEER CLADDING SYSTEM

VERSION - 18/03/2016



THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE PROBUILT VILLAGE STONE SPECIFIED/ACCEPTED PRODUCTS LIST, INCLUDED IN THE PROBUILT VILLAGE STONE TECHNICAL MANUAL.



DWG - 14

PLAN VIEW OF VERTICAL CONTROL JOINT DETAIL

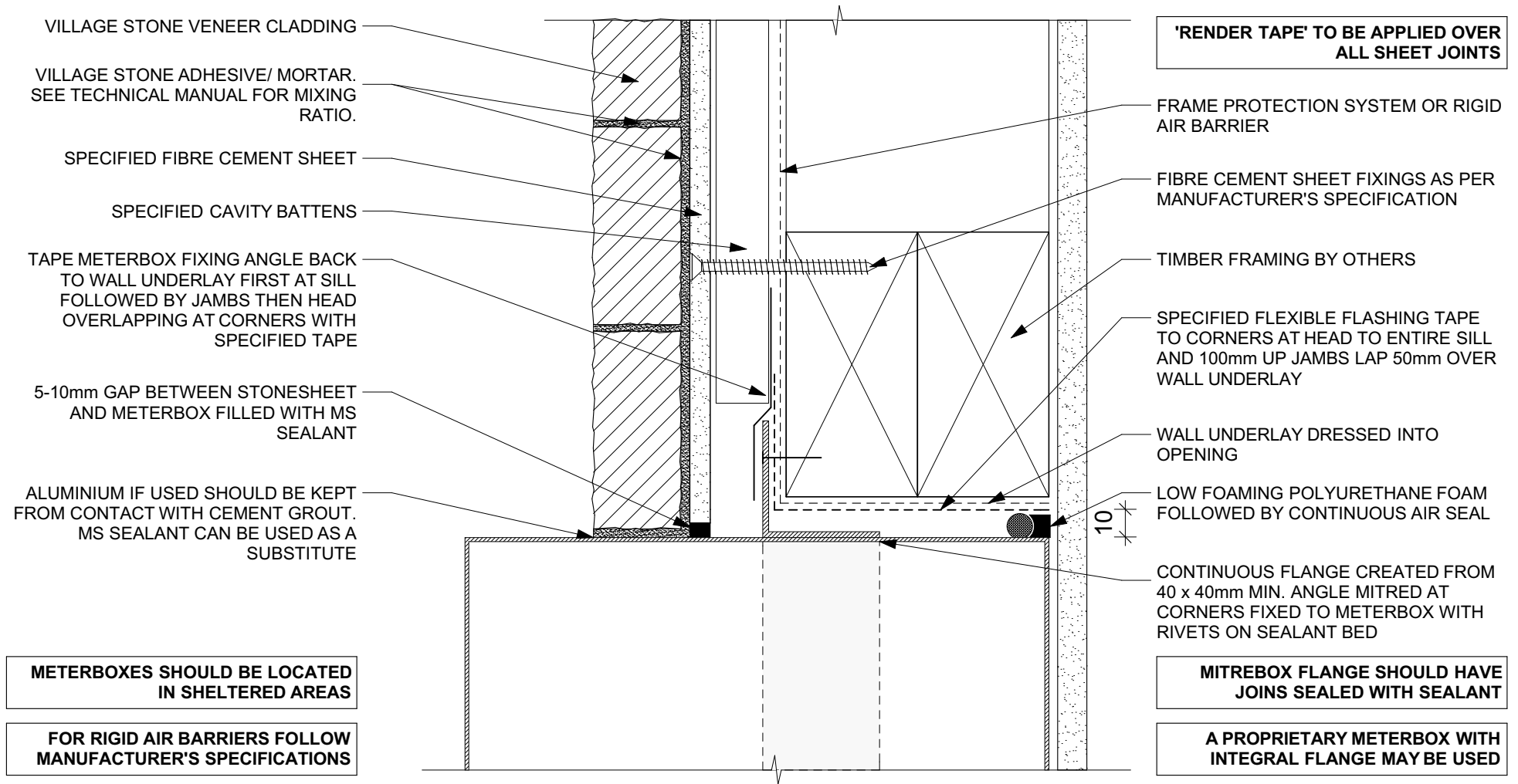
SCALE - 1:2

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DWG - 15

METERBOX DETAIL

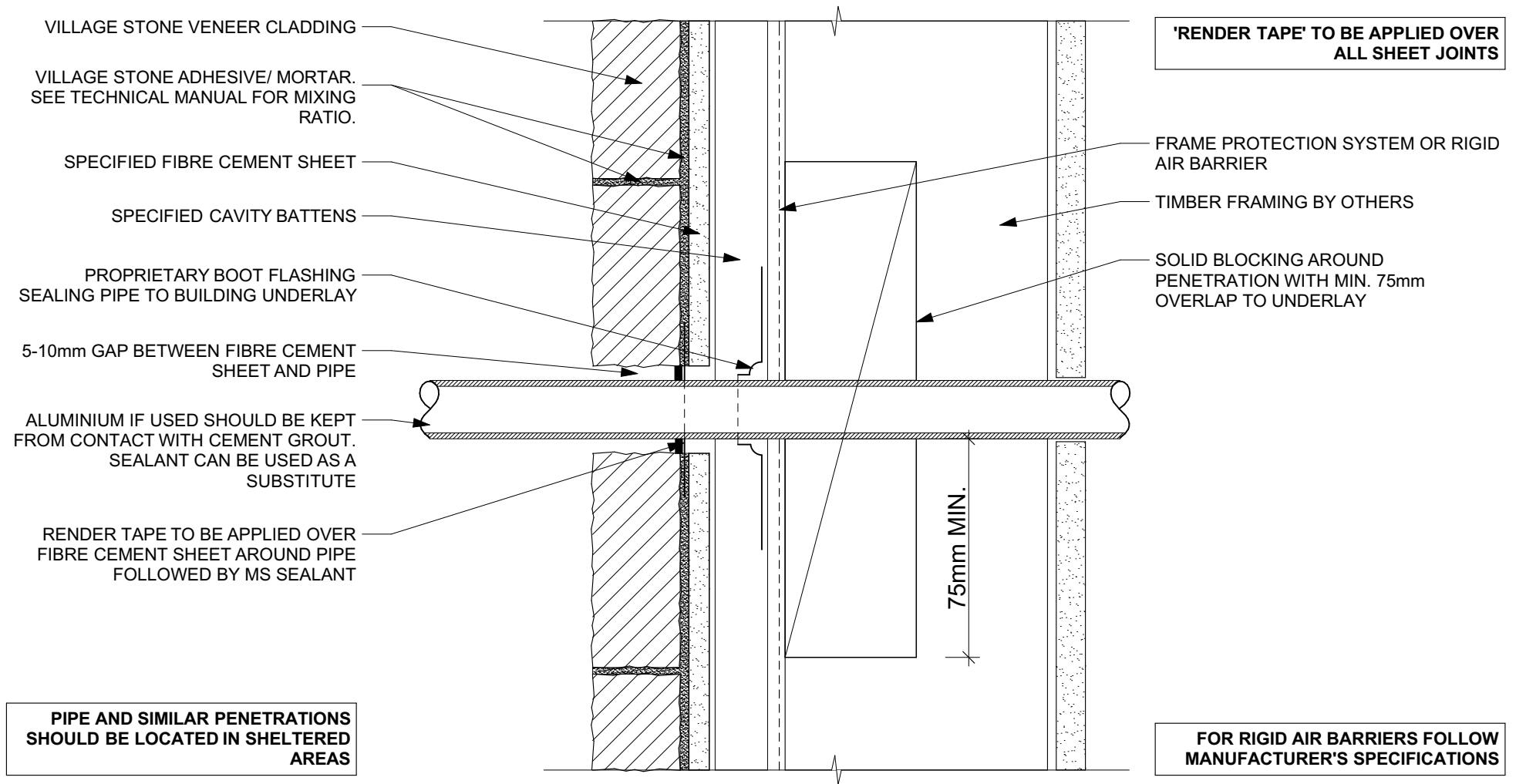
SCALE - 1:2

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DWG - 16

PENETRATION DETAIL

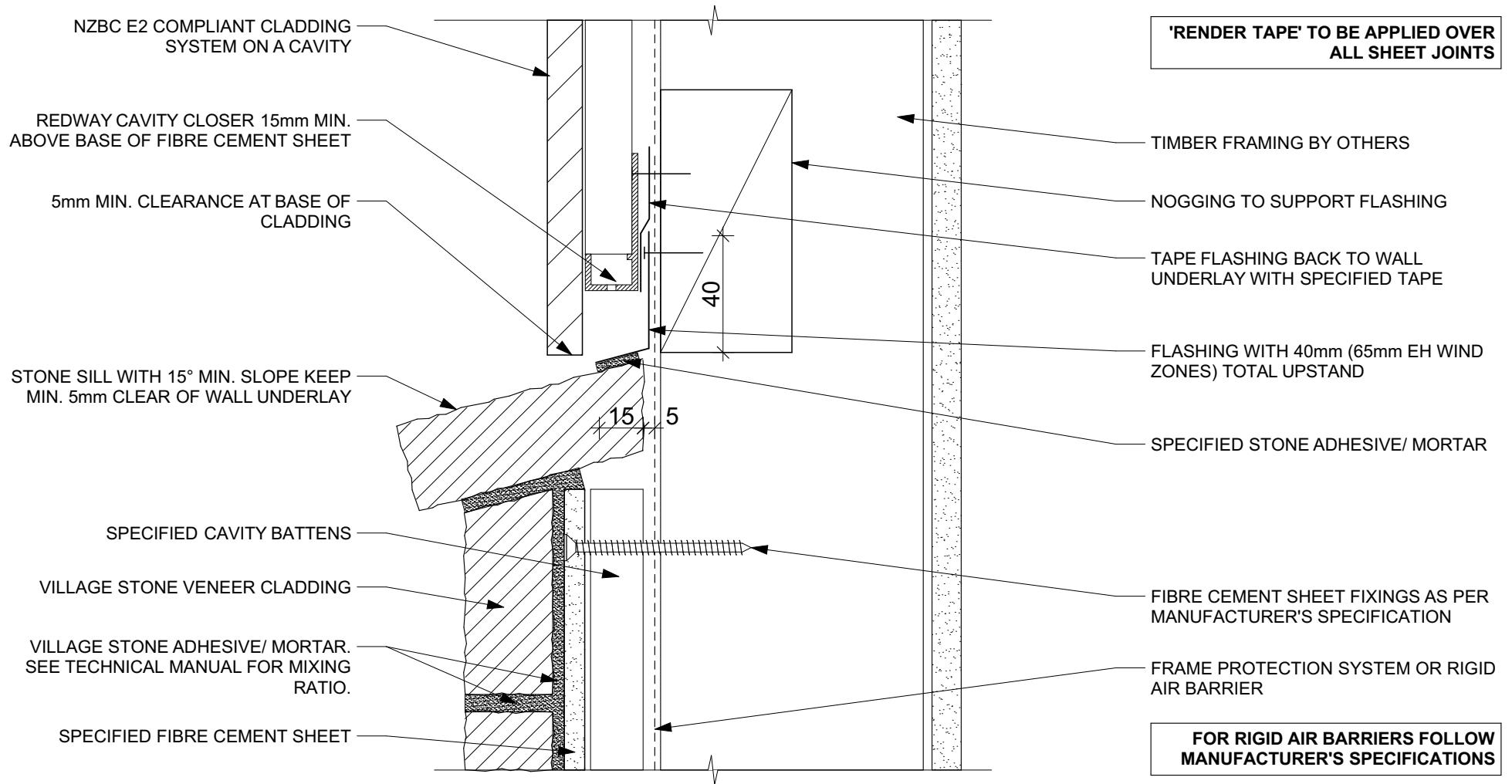
SCALE - 1:2

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DWG - 17

HORIZONTAL JOINT WITH ALTERNATIVE CLADDING

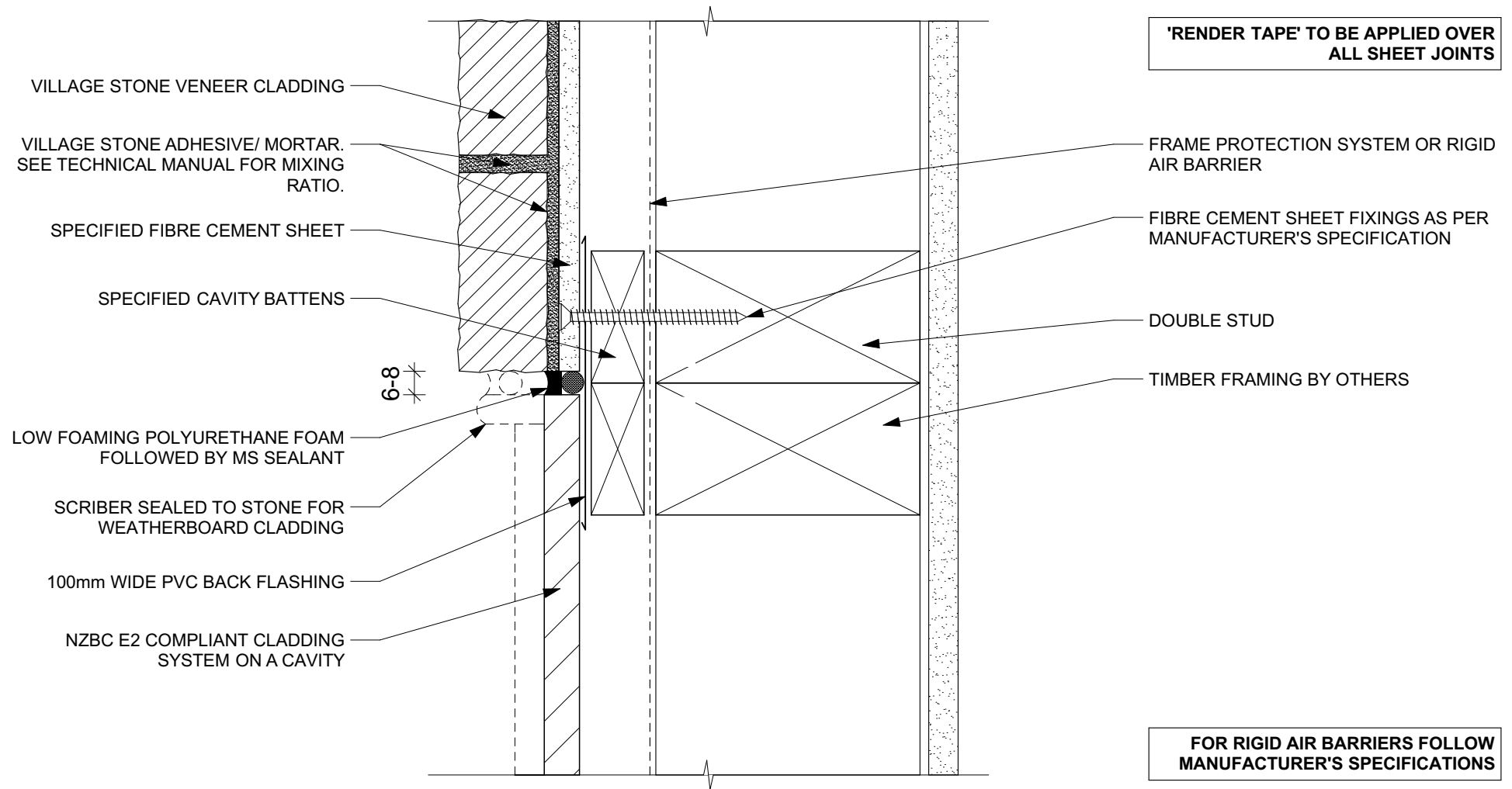
SCALE - 1:2

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DWG - 18

PLAN VIEW OF VERTICAL JOINT WITH ALTERNATIVE CLADDING

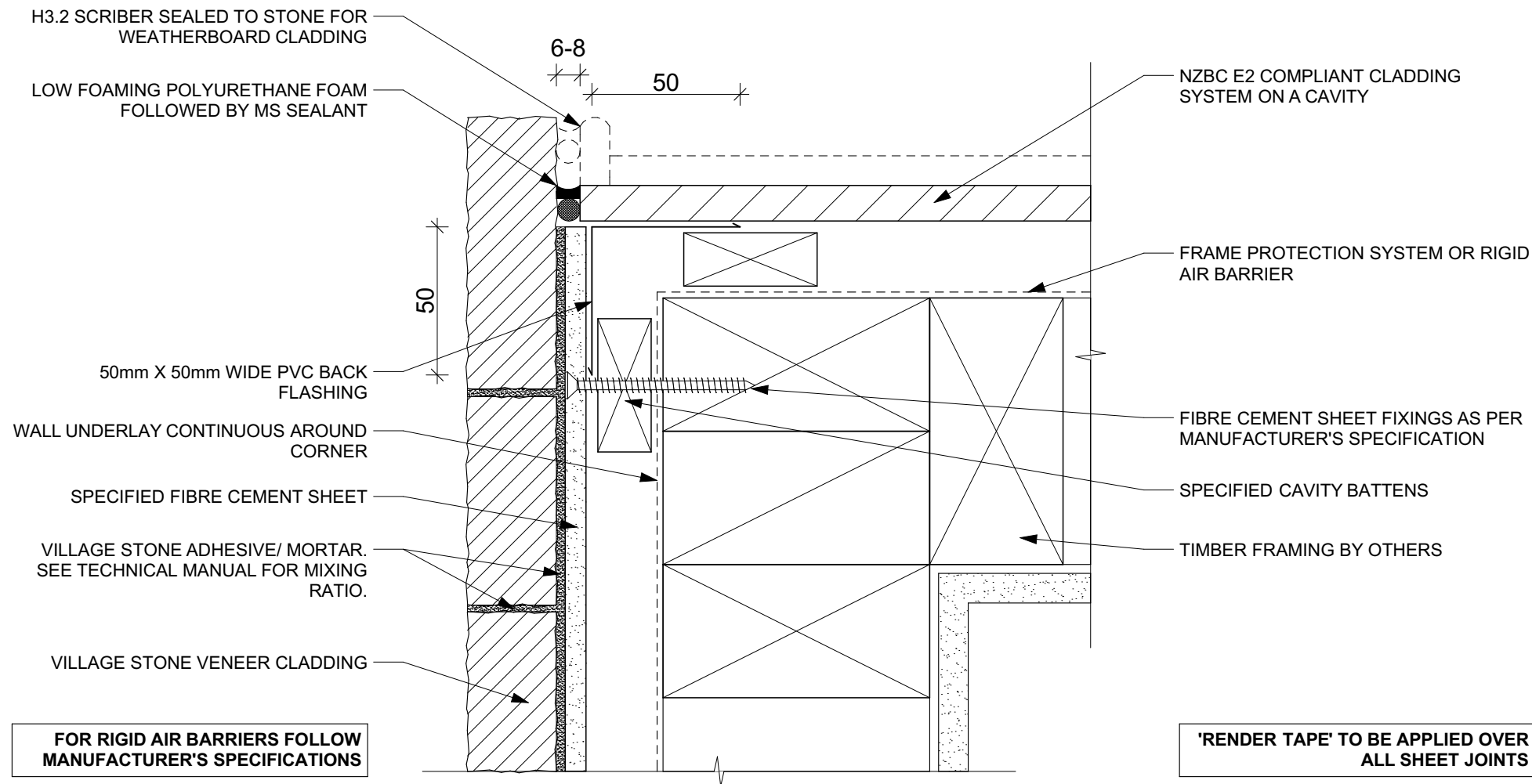
SCALE - 1:2

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DWG - 19 PLAN VIEW OF EXTERNAL CORNER JOINT WITH ALTERNATIVE CLADDING SCALE - 1:2

ProBuilt VILLAGE STONE STONE VENEER CLADDING SYSTEM

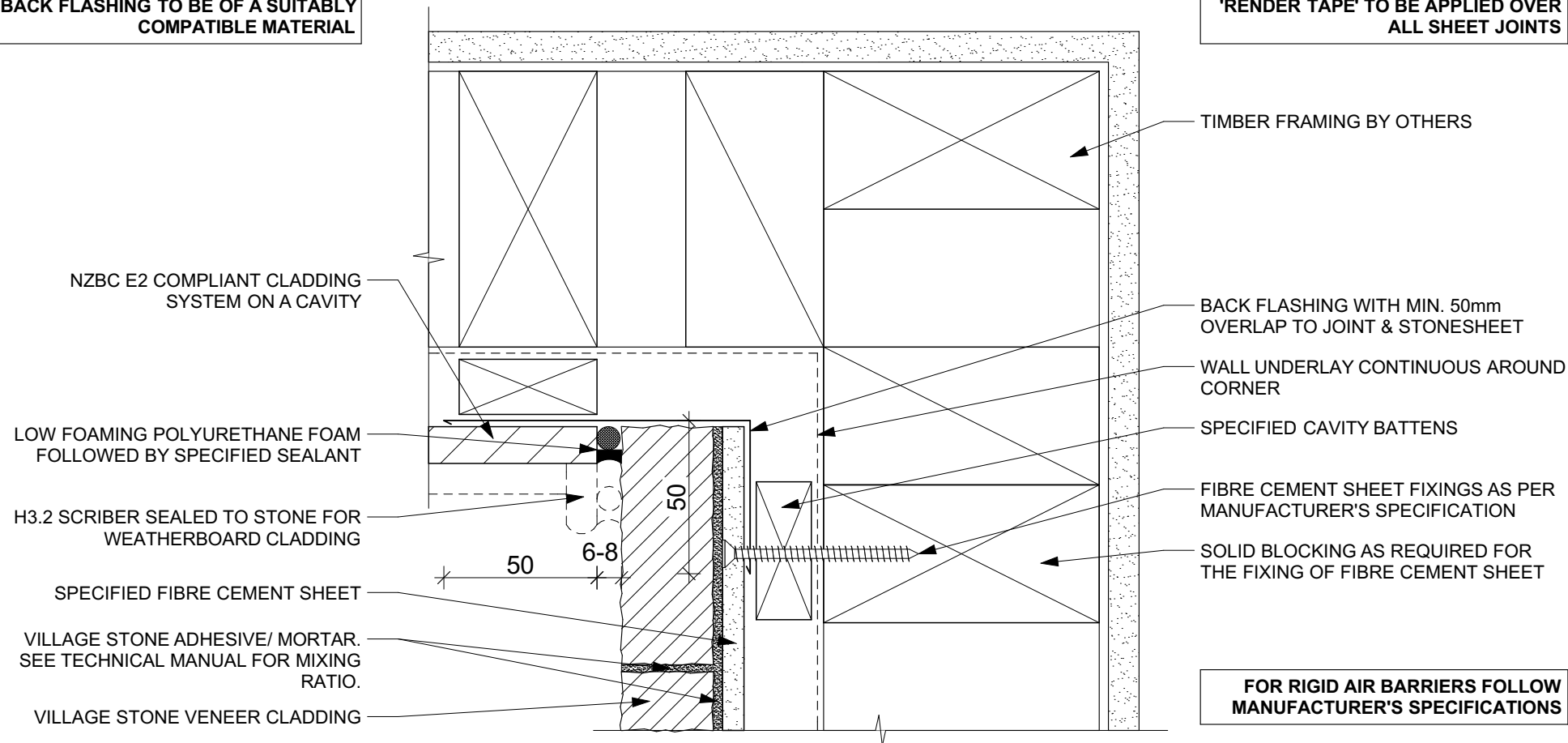
VERSION - 18/03/2016



THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE PROBUILT VILLAGE STONE SPECIFIED/ACCEPTED PRODUCTS LIST, INCLUDED IN THE PROBUILT VILLAGE STONE TECHNICAL MANUAL.

BACK FLASHING TO BE OF A SUITABLY
COMPATIBLE MATERIAL

'RENDER TAPE' TO BE APPLIED OVER
ALL SHEET JOINTS



DWG - 20

PLAN VIEW OF INTERNAL CORNER JOINT WITH ALTERNATE CLADDING

SCALE - 1:2

ProBuilt VILLAGE STONE STONE VENEER CLADDING SYSTEM

VERSION - 18/03/2016

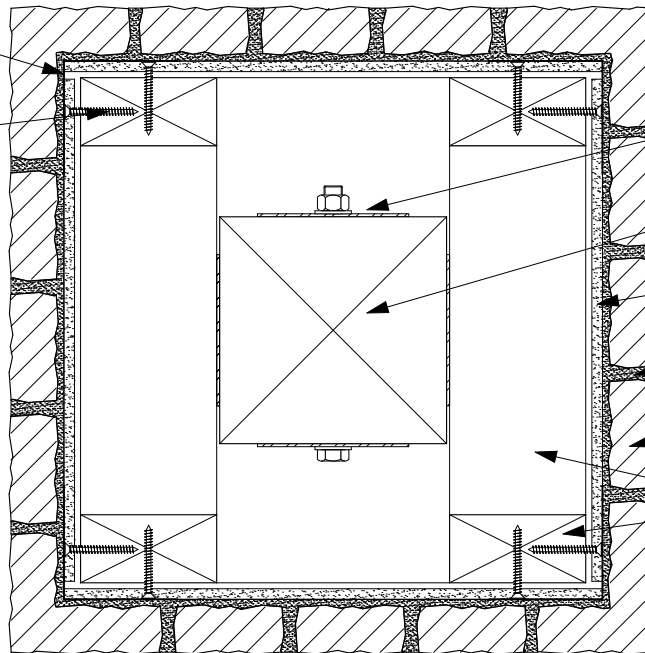


THESE DRAWINGS ARE TO BE READ IN CONJUNCTION
WITH THE PROBUILT VILLAGE STONE
SPECIFIED/ACCEPTED PRODUCTS LIST, INCLUDED IN
THE PROBUILT VILLAGE STONE TECHNICAL MANUAL.

5mm GAP BETWEEN SHEETS, JOINT
SEALED WITH RENDER TAPE

FIBRE CEMENT SHEET FIXINGS AS
PER MANUFACTURER'S
SPECIFICATION

POST MAY BE EMBEDDED IN
CONCRETE AS AN ALTERNATIVE TO
BRACKET



POST BRACKET AND FIXING TO
SPECIFIC DESIGN

H5 TREATED TIMBER POST OR STEEL POST
TO SPECIFIC DESIGN

SPECIFIED FIBRE CEMENT SHEET

VILLAGE STONE ADHESIVE/ MORTAR. SEE
TECHNICAL MANUAL FOR MIXING RATIO.

VILLAGE STONE VENEER
CLADDING

H3.2 TIMBER FRAMING

DWG - 21

PLAN VIEW OF COLUMN DETAIL

1:5

ProBuilt VILLAGE STONE STONE VENEER CLADDING SYSTEM

VERSION - 18/03/2016



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SPECIFIED/ACCEPTED PRODUCTS LIST, INCLUDED IN
THE PROBUILT VILLAGE STONE TECHNICAL MANUAL.

POST MAY BE EMBEDDED IN
CONCRETE AS AN ALTERNATIVE TO
BRACKET

POST BRACKET AND FIXING TO
SPECIFIC DESIGN

FIBRE CEMENT SHEET FIXINGS AS
PER MANUFACTURER'S
SPECIFICATION

PROVIDE 10mm MIN GAP BETWEEN
BOTTOM OF FIBRE CEMENT SHEET
AND GROUND.
WHEN CONCRETE PLINTH OPTION IS
USED, PROVIDE VERMIN-PROOF
VENT, MIN 1000mm² PER LINEAL
METRE OF STONE VENEER

CONCRETE PLINTH OPTION TO BE
USED IN FLOOD PRONE AREAS

H5 TREATED TIMBER POST OR
STEEL POST TO SPECIFIC
DESIGN

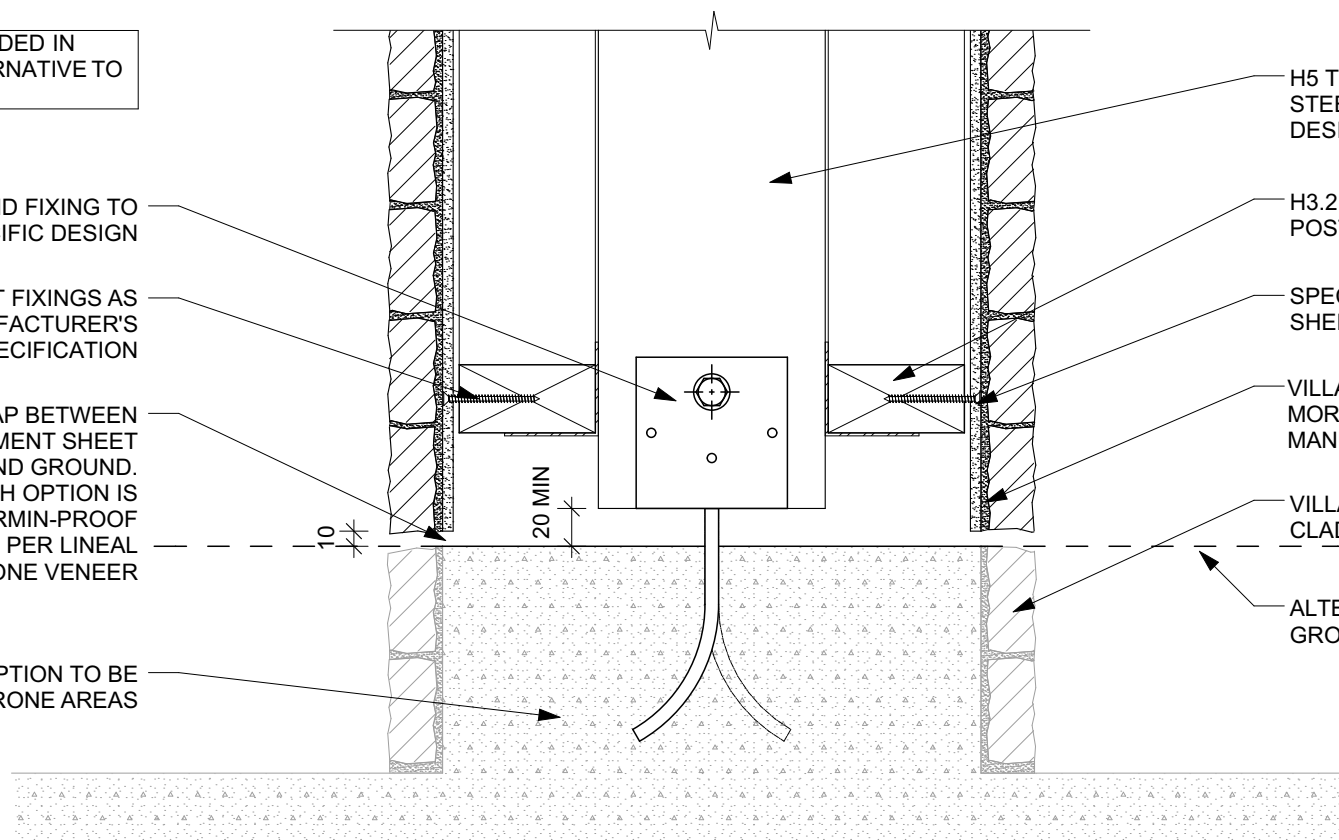
H3.2 TIMBER FRAMING FIXED TO
POST WITH ANGLE BRACKET

SPECIFIED FIBRE CEMENT
SHEET

VILLAGE STONE ADHESIVE/
MORTAR. SEE TECHNICAL
MANUAL FOR MIXING RATIO.

VILLAGE STONE VENEER
CLADDING

ALTERNATIVE
GROUND LEVEL



DWG - 22

COLUMN BASE DETAIL

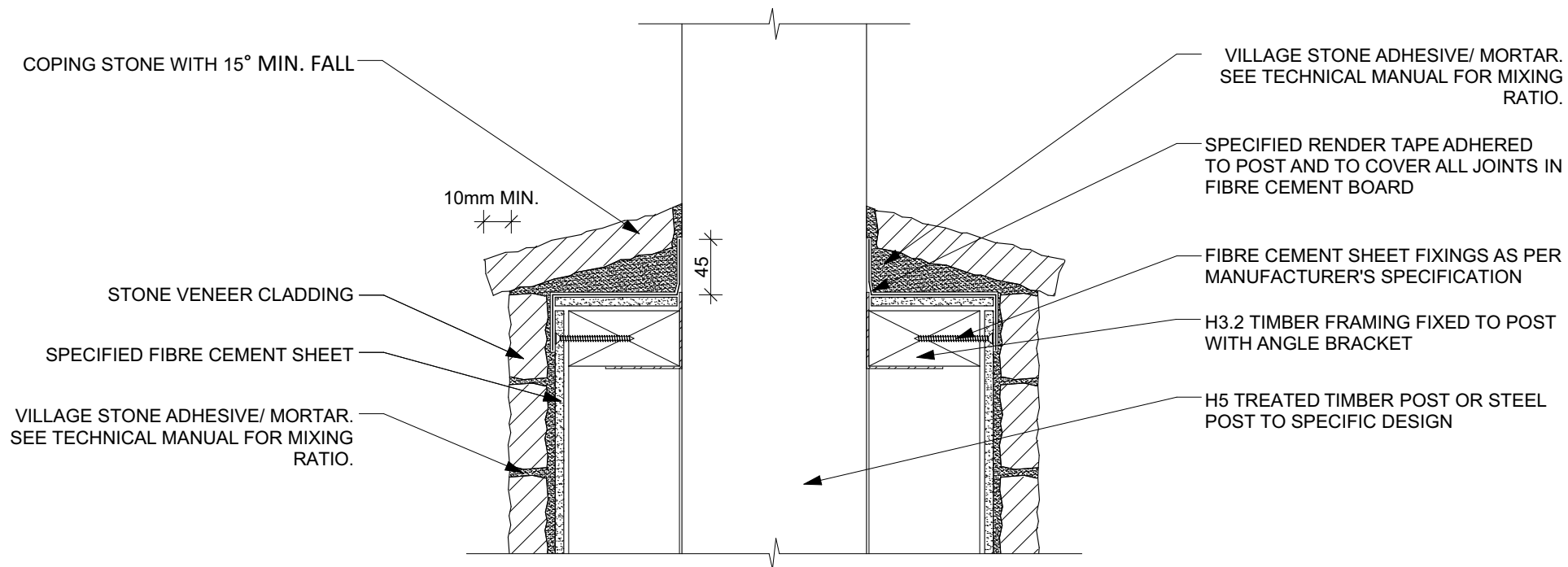
1:5

ProBuilt VILLAGE STONE STONE VENEER CLADDING SYSTEM

VERSION - 18/03/2016



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DWG - 23

HALF COLUMN DETAIL

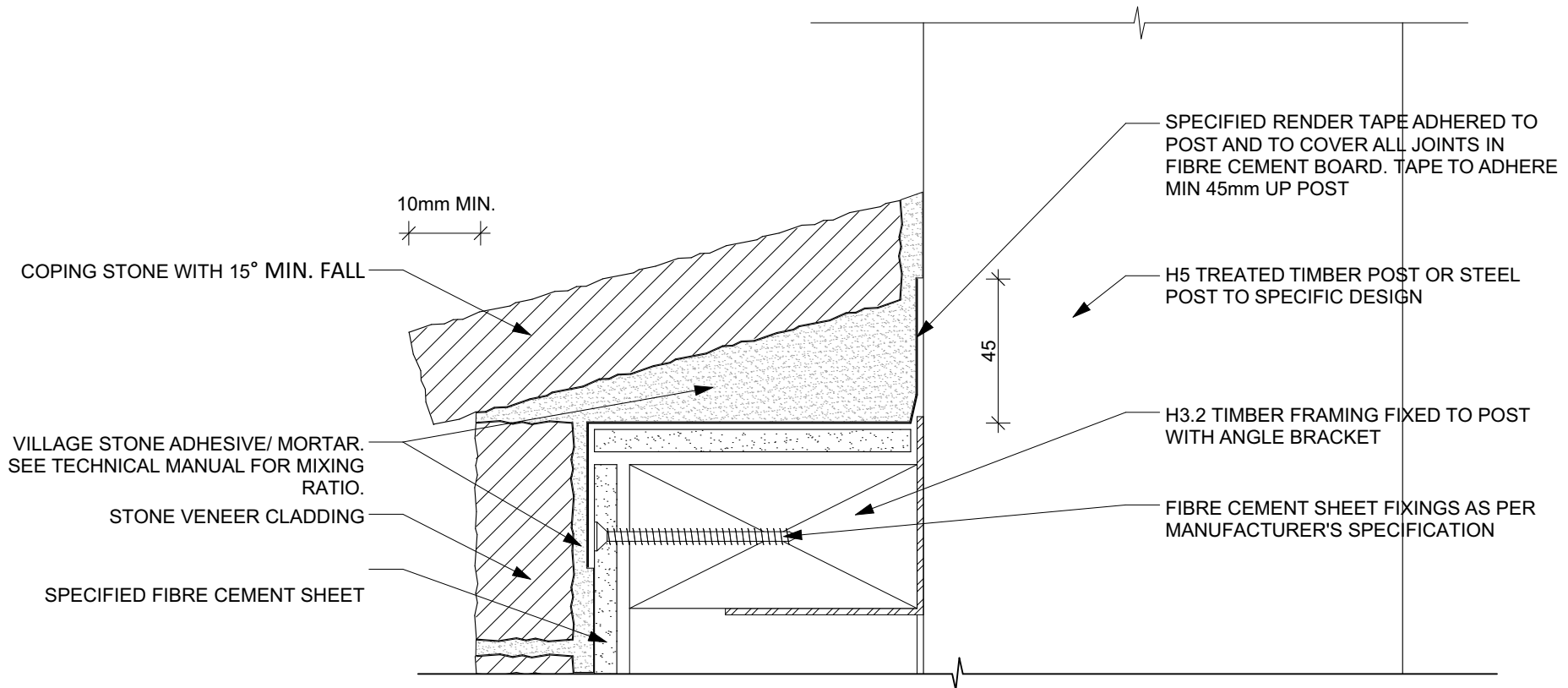
1:5

ProBuilt VILLAGE STONE STONE VENEER CLADDING SYSTEM

VERSION - 18/03/2016



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DWG - 24

HALF COLUMN CAPPING DETAIL

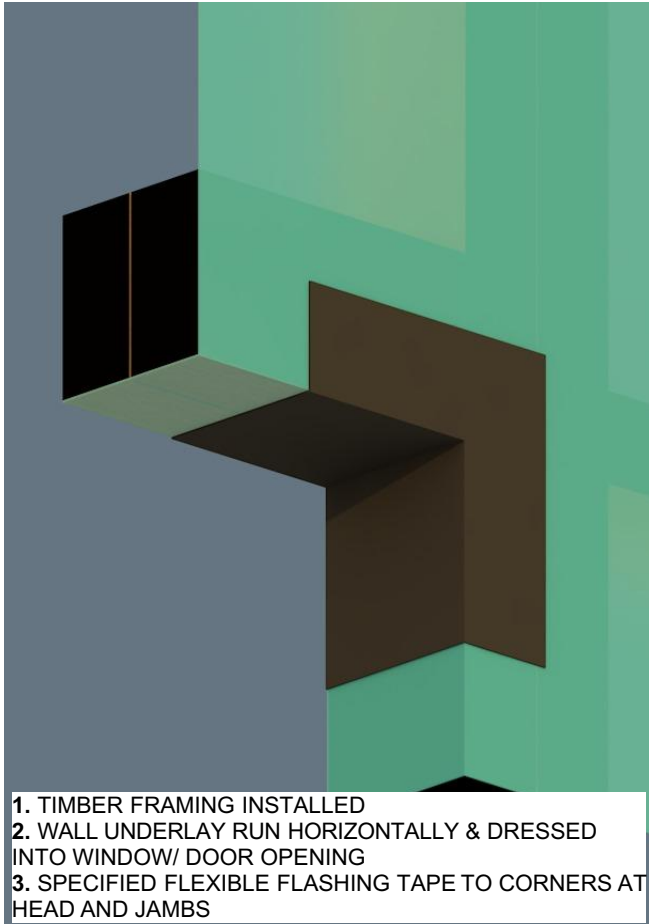
1:2

ProBuilt VILLAGE STONE STONE VENEER CLADDING SYSTEM

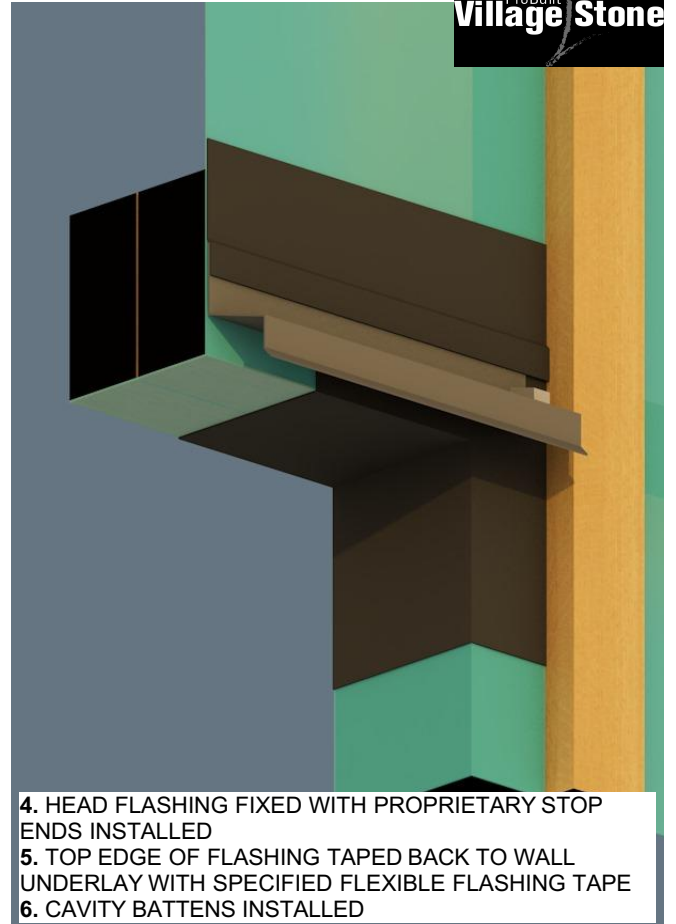
VERSION - 18/03/2016



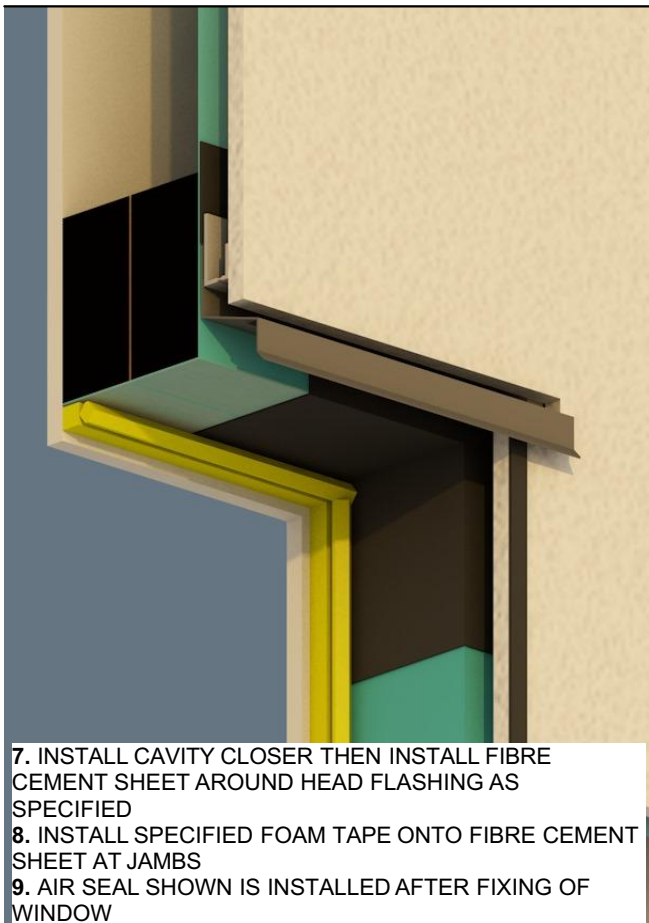
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HEAD : WRAP & TAPE



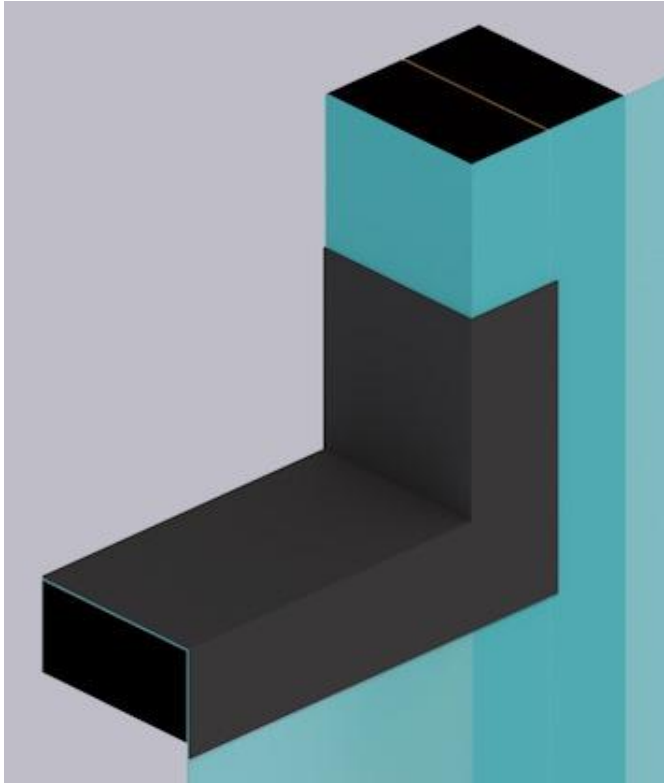
HEAD : FLASHING



HEAD : FIBRE CEMENT SHEET

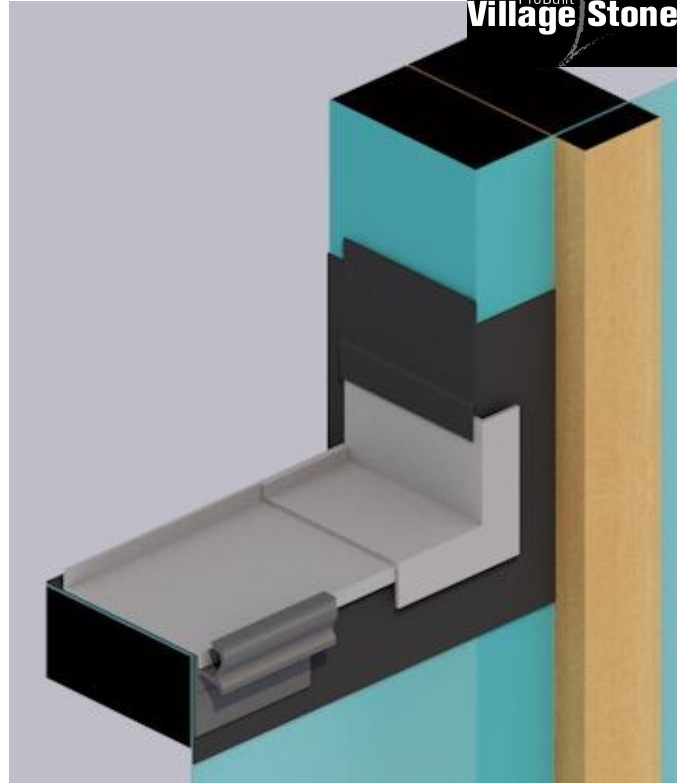


HEAD : FINISHED WALL



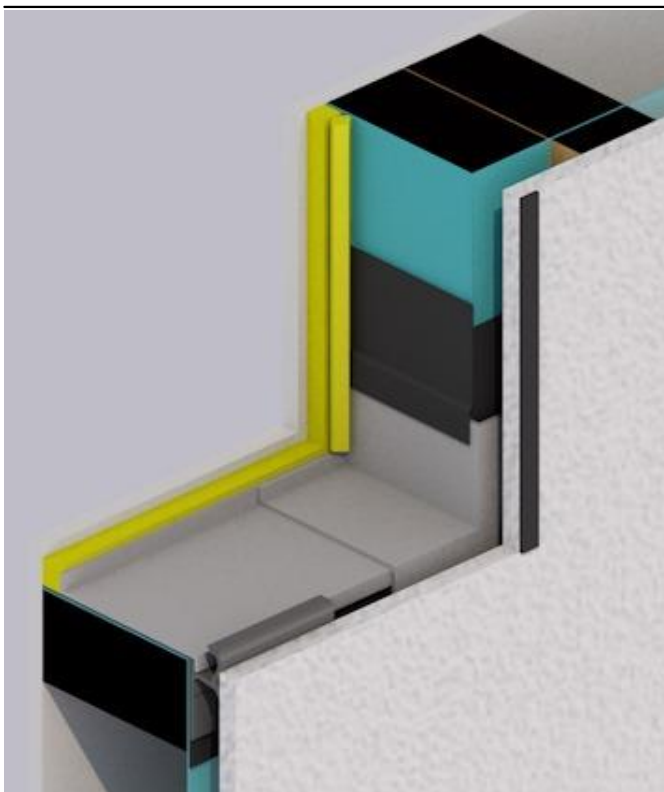
1. TIMBER FRAMING INSTALLED
2. WALL UNDERLAY RUN HORIZONTALLY & DRESSED INTO WINDOW/ DOOR OPENING
3. SPECIFIED FLEXIBLE FLASHING TAPE TO ENTIRE SILL AND 100mm UP AT JAMBS

SILL : WRAP & TAPE



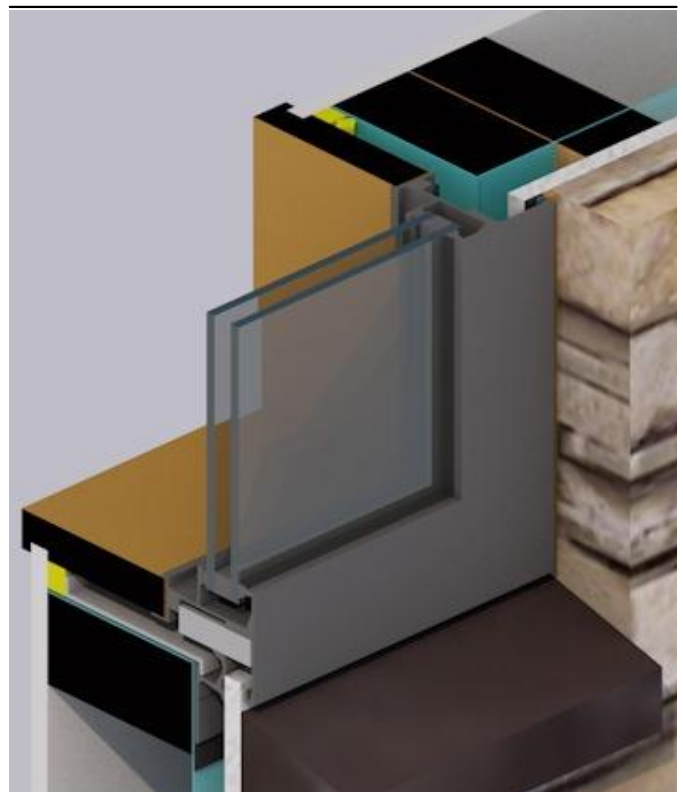
4. REDWAY SILL TRAY ADHERED TO SILL TRAY ENDCAPS AND INSTALLED TO SILL TRIMMER WITH WANZ BAR
5. TOP EDGE OF SILL END CAPS TAPED TO JAMB WITH SPECIFIED FLEXIBLE FLASHING TAPE
6. CAVITY BATTENS INSTALLED

SILL : TRAY & WANZ BAR



7. FIBRE CEMENT SHEET FIXED
8. 5mm THICK SPECIFIED FOAM TAPE INSTALLED ONTO FIBRE CEMENT SHEET AT JAMBS
9. AIR SEAL SHOWN IS INSTALLED AFTER FIXING OF WINDOW

SILL : FIBRE CEMENT SHEET



10. WINDOW SUPPORT BLOCKS FITTED AND JOINERY INSTALLED AND FIXED AS REQUIRED
12. STONE ADHERED TO FIBRE CEMENT SHEET WITH VILLAGE STONE MORTAR/ADHESIVE AND SEAL JAMB WITH SPECIFIED SEALANT

SILL : FINISHED WALL