

WINDOW FRAME
SECTION/ PROFILE
WILL VARY –
DEPENDANT UPON
MANUFACTURER

ENSURE THAT THE PARTIAL FILL
INSULATION IS SECURED FIRMLY
AGAINST THE INNER LEAF OF THE
CAVITY WALL BLOCKWORK USING
PROPRIETARY WALL TIE RETAINING
CLIPS.

SOLDIER BRICK COURSE

LINTEL TO STRUCTURAL ENGINEER
DESIGN WITH CAVITY TRAY OVER

CAVITY TRAY OVER LINTEL
WITH MIN.2NO. WEEP
VENTS PER OPENING

SIKAFLEX OR SIMILAR
APPROVED FLEXIBLE SEAL
TO WINDOW PERIMETER

uPVC DOUBLE GLAZED
WINDOWS TO ACHIEVE MIN
1.4 W/m²K U-VALUE

WINDOWS TO BE
SECURED TO
SURROUNDING MASONRY
TO WINDOW MFRS'
RECOMMENDATIONS USING
PROPRIETARY MS
GALVANISED STEEL FIXING
LUGS AROUND FRAME
PERIMETER.

FIXINGS NEED TO RESIST
THE DESIGN LOADS AS
BS 6399:1,1996

SIKAFLEX OR SIMILAR
APPROVED FLEXIBLE
SEAL TO WINDOW
PERIMETER

FRONT PORTION OF CAVITRAY
SNAPPED OFF AFTER MORTAR HAS
CURED

FULL BRICK CANT SILL BEDDED IN
MORTAR* ONTO BESPOKE TYPE U
UNDERCILL TRAY, CAVITY TRAYS LTD

*MORTAR BEDDING TO CAVITRAY
MANUFACTURERS' APPROVAL

ENSURE CAVITIES AND WALL TIES ARE
KEPT CLEAN OF MORTAR OR OTHER
DEBRIS DURING CONSTRUCTION.

TYPICAL WALL CONSTRUCTION:

102.5mm FACING BRICKWORK TO LOCAL AUTHORITY APPROVAL, WITH 55mm CLEAR CAVITY. 80mm XTRATHERM THIN-R PARTIAL FILL INSULATION, 100mm CELCON BLOCKWORK 0.49/3.6N-mm²/1350Kg-m³ AND 12.5mm PLASTERBOARD (8Kg/m²) WITH T+J FINISH, ON 10mm DABS WITH CONTINUOUS RIBBON OF ADHESIVE AROUND OPENINGS, ALONG THE TOP AND BOTTOM OF THE WALL, AND AT INTERNAL AND EXTERNAL CORNERS

275 STAINLESS STEEL WALL TIES STAIFIX (FOR 135 CAVITY WIDTH) OR SIMILAR APPROVED EMBEDDED 70mm INTO MASONRY AT 750mm CENTRES HORIZONTALLY AND 450mm CENTRES VERTICALLY. TIES TO BE FITTED WITHIN 150mm HORIZONTALLY OF OPENINGS AND AT 225mm VERTICAL INTERVALS WITHIN 150mm OF EDGES. TIES SHOULD BE CENTERED FROM THE MIDDLE OF CAVITY TO ENSURE EQUAL EMBEDMENT IN EACH LEAF

PROFILED STEEL LINTEL WITH INTEGRAL PLASTER KEY AND BUILT-IN DAMP PROOF COURSE WITH CONTINUOUS INSULATION INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.

22mm THICK SOFTWOOD WINDOW BOARD WITH ROUNDED EDGES TO EXTEND 50mm BEYOND REVEAL AND PROJECT MIN. 30mm FROM FACE OF WALL.

CONTINUOUS DAB TO PLASTERBOARD CORNERS, REINFORCED WITH APPROVED TYPE ANGLE BEAD, TAPED AND JOINTED

3mm MS GALVANISED STEEL STRAP & FIXING LUG

KINGSPAN KOOLTHERM 135 OR SIMILAR CAVITY CLOSER

POLYURETHANE EXPANDING FOAM INJECTED INTO VOID

CONTINUOUS FLEXIBLE SILICONE SEAL

POLYURETHANE EXPANDING FOAM
INJECTED INTO VOID UNDER WINDOW

22mm THICK SOFTWOOD WINDOW BOARD
SEATED ON POLYURETHANE FIXING DABS
AND SECURED TO WALL USING 3mm MS
CILL RESTRAINING STRAPS RETURNED
DOWN WALL

CONTINUOUS FLEXIBLE SILICONE SEAL
TO UNDERSIDE AND ALL SIDES OF
WINDOW BOARD TO MAINTAIN AIR
TIGHTNESS OF DWELLING

3mm MS GALVANISED STEEL STRAPS &
FIXING LUGS

KINGSPAN KOOLTHERM 135 OR SIMILAR
CAVITY CLOSER

MIN FRAME OVERLAP 30mm

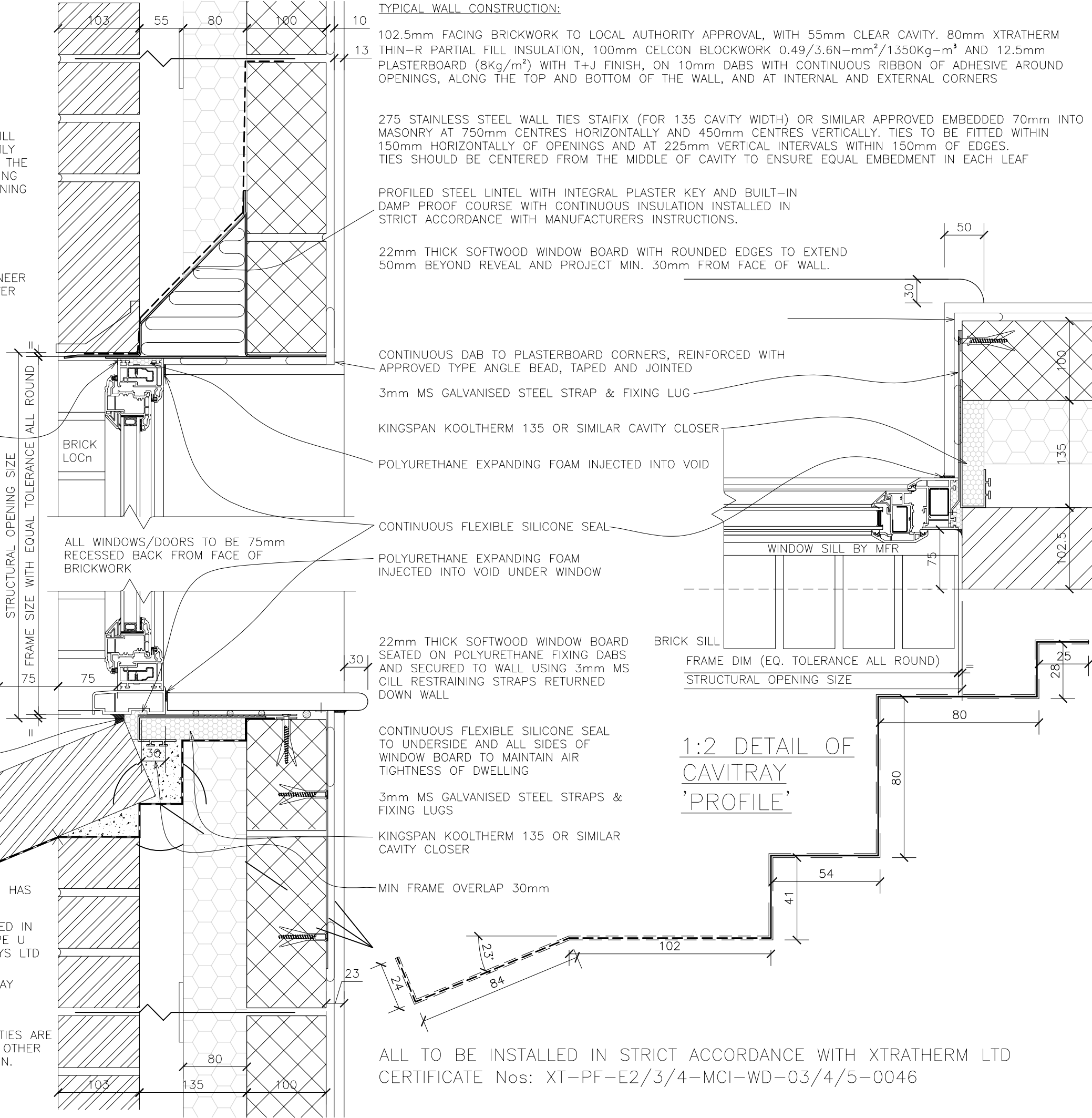
ALL TO BE INSTALLED IN STRICT ACCORDANCE WITH XTRATHERM LTD
CERTIFICATE Nos: XT-PF-E2/3/4-MCI-WD-03/4/5-0046

- Notes
1. This drawing is the copyright of MH Architects Ltd
 2. Do not scale this drawing except for Local Authority planning purposes
 3. All dimensions must be checked on site by the contractor prior to commencement of the works.



Client Approval

	A - Approved				
	B - Approved with comments				
	C - Do not use				
Rev.	Revision Note/Purpose of Issue	Drw By	Date	Chk By	Date
P01	Preliminary Issue	PWV	01.07.21		



Client



Seaward
A SURE SIGN OF QUALITY

Job title

Bonhams Field
Yapton
West Sussex

Drawing title

Typical detail
Window head sill and jamb
in brick elevation

Drawn	Date	Checked	Date	Scale at A3				
PWV	01.07.2021			1:5				
Job No.	Pro.	Org.	Zone	Level	Type	Role	No.	Rev.
20-202	BHF	MHA	ZZ	ZZ	DR	A	0188	P01
Purpose of Issue				PRELIMINARY				

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