



Masons Intertency Wall System
Typical Panel Layout

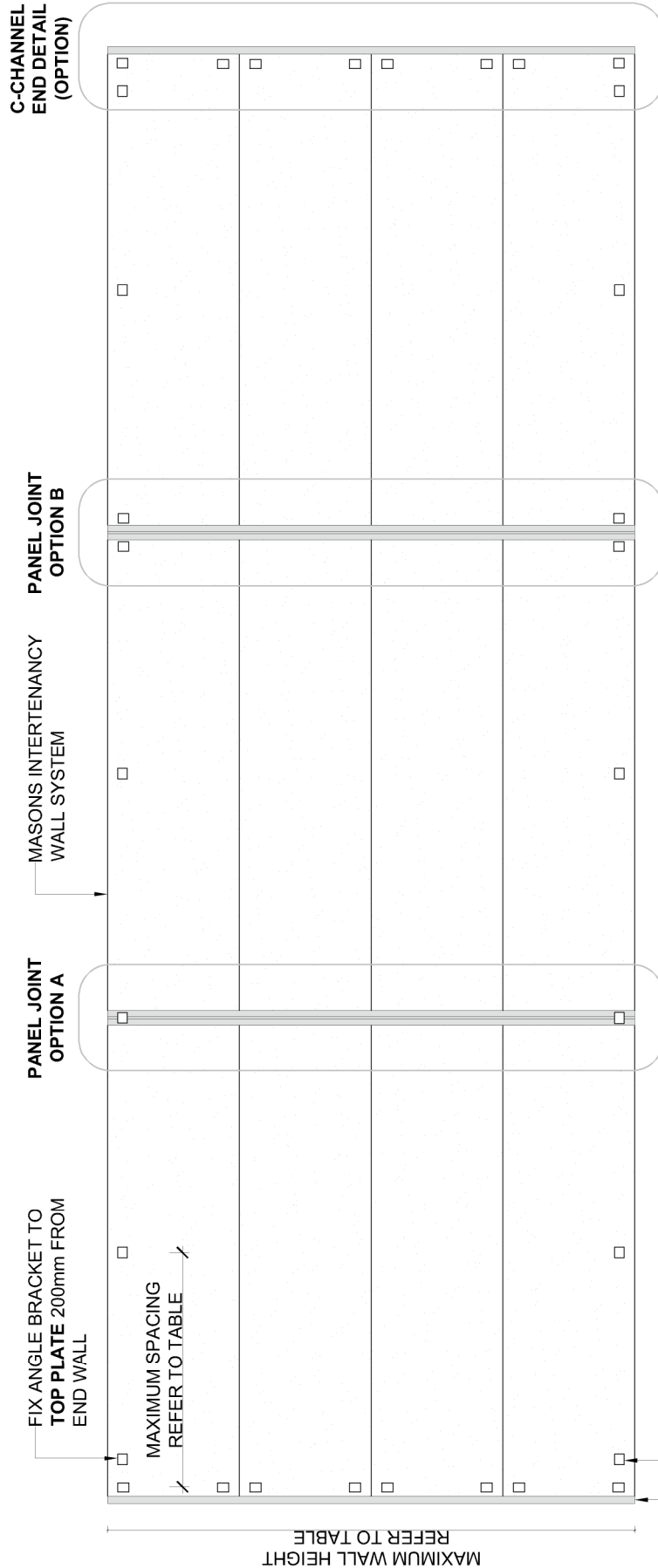
Scale

N.T.S

Date

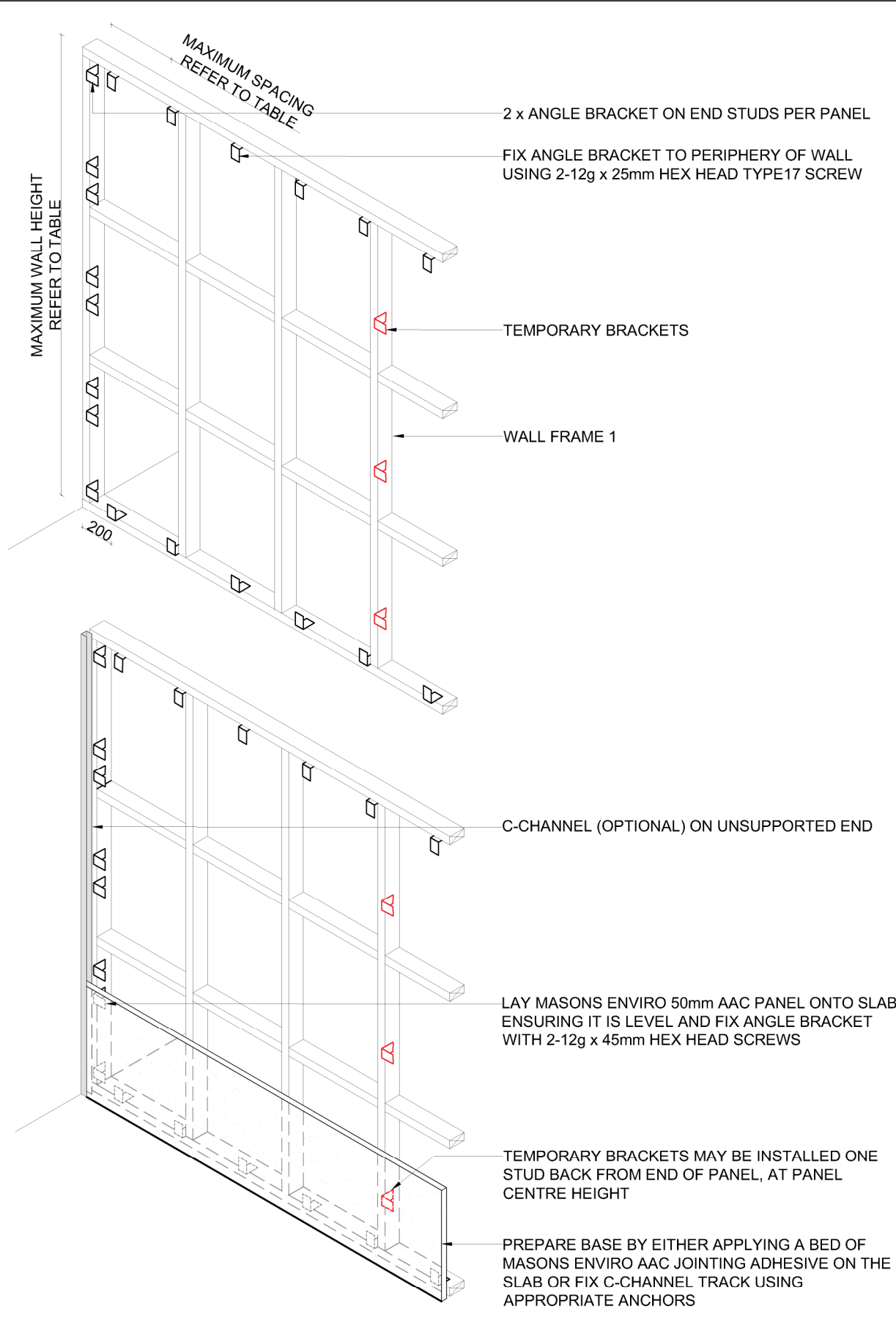
Drawing Ref No.

ITW.01



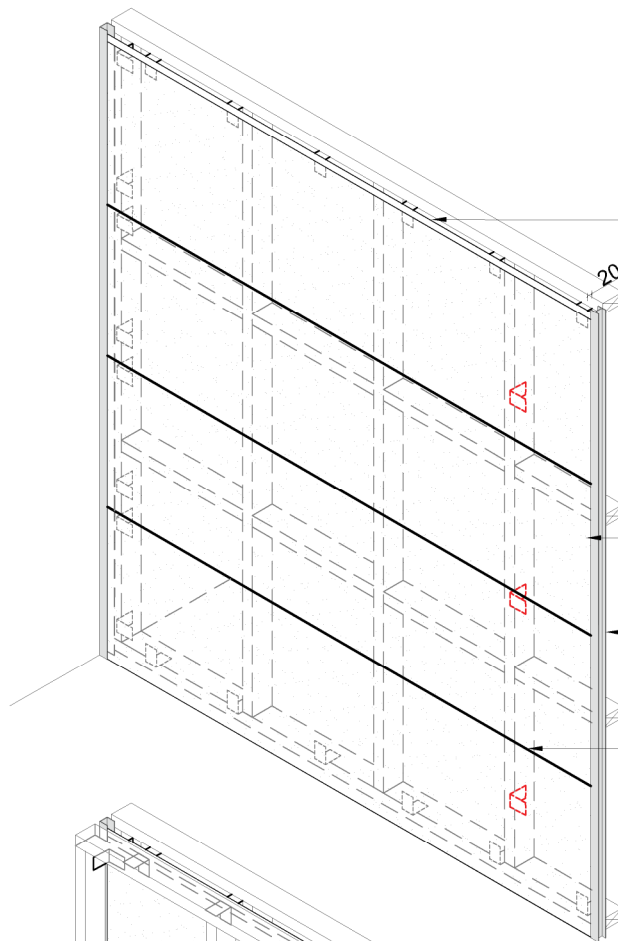
WALL FRAMING	MAX. HEIGHT	MAX. VERTICAL SPACING OF FIXING	MAX. HORIZONTAL SPACING OF FIXING	FRR
MIN. 70mm TIMBER OR STEEL FRAMING	6.6m	3m	400mm	90/90/90
	10m	3m	250mm	90/90/90

SCREW FIX 'C' CHANNEL TO MASON'S ENVIRO 50mm ACC PANEL WITH 12g x 45 HEX HEAD SCREWS @ 900crs MAX.



Masons Intertenancy Wall System
 Masons Enviro 50mm AAC Panel Installation

Scale	Date
N.T.S	
Drawing Ref No.	
ITW.02	



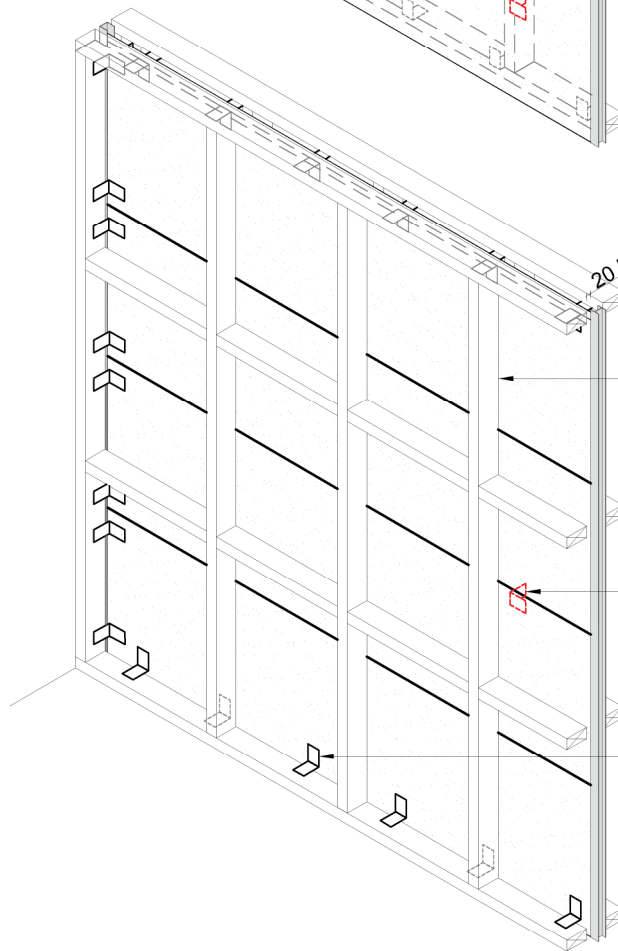
ENSURE MASONS ENVIRO AAC 50mm PANEL ARE PLUMB AND HAVE MINIMUM CAVITY OF 20mm FROM FRAME

NOTE: REFER DETAILS FOR FIRE-RATED PLASTERBOARD PLACEMENT TO ACHIEVE FRR 90/90/90.

WHERE NECESSARY FILL ANY GAPS AROUND MASONS ENVIRO 50mm AAC PANEL AND STRUCTURE WITH FIRE RESISTANT MINERAL WOOL

I-CHANNEL FOR WALLS LONGER THAN 2200mm

APPLY 2-3mm THICK MASONS ENVIRO AAC JOINTING ADHESIVE TO LONG EDGE. LAY PANEL ON TOP AND FIX TO ANGLE BRACKETS WITH 2-12g x 45mm HEX HEAD SCREWS



WALL FRAME 2

REMOVE TEMPORARY ANGLE BRACKETS

FIX MASONS ENVIRO 50mm AAC PANEL TO WALL FRAME PERIPHERY USING ANGLE BRACKETS

NOTE: INSTALL INSULATION AND PLASTERBOARD AS PER MANUFACTURER'S SPECIFICATIONS



Masons Intertenancy Wall System
Masons Enviro 50mm AAC Panel Installation

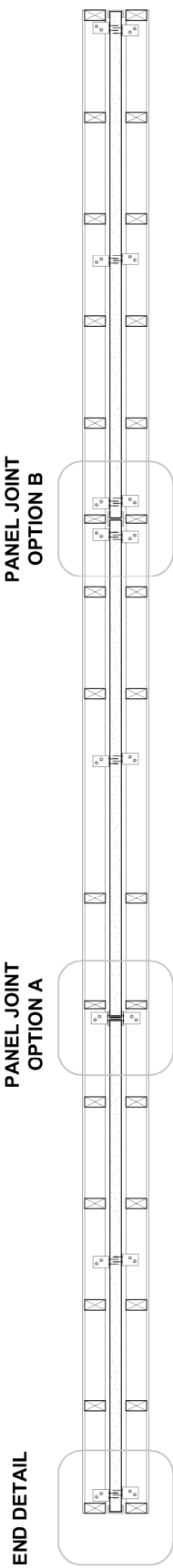
Scale

N.T.S

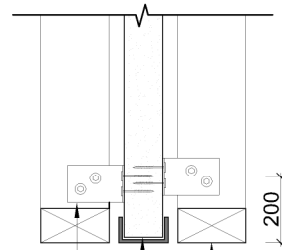
Date

Drawing Ref No.

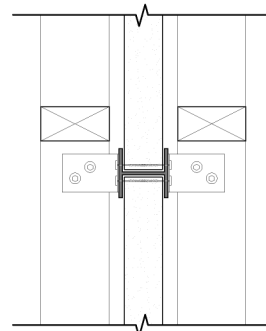
ITW.03



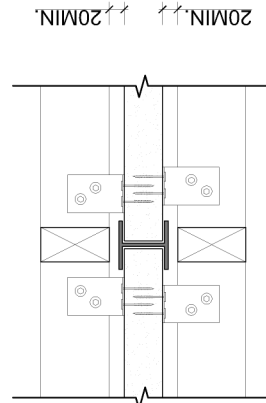
C-CHANNEL END DETAIL
(OPTIONAL)



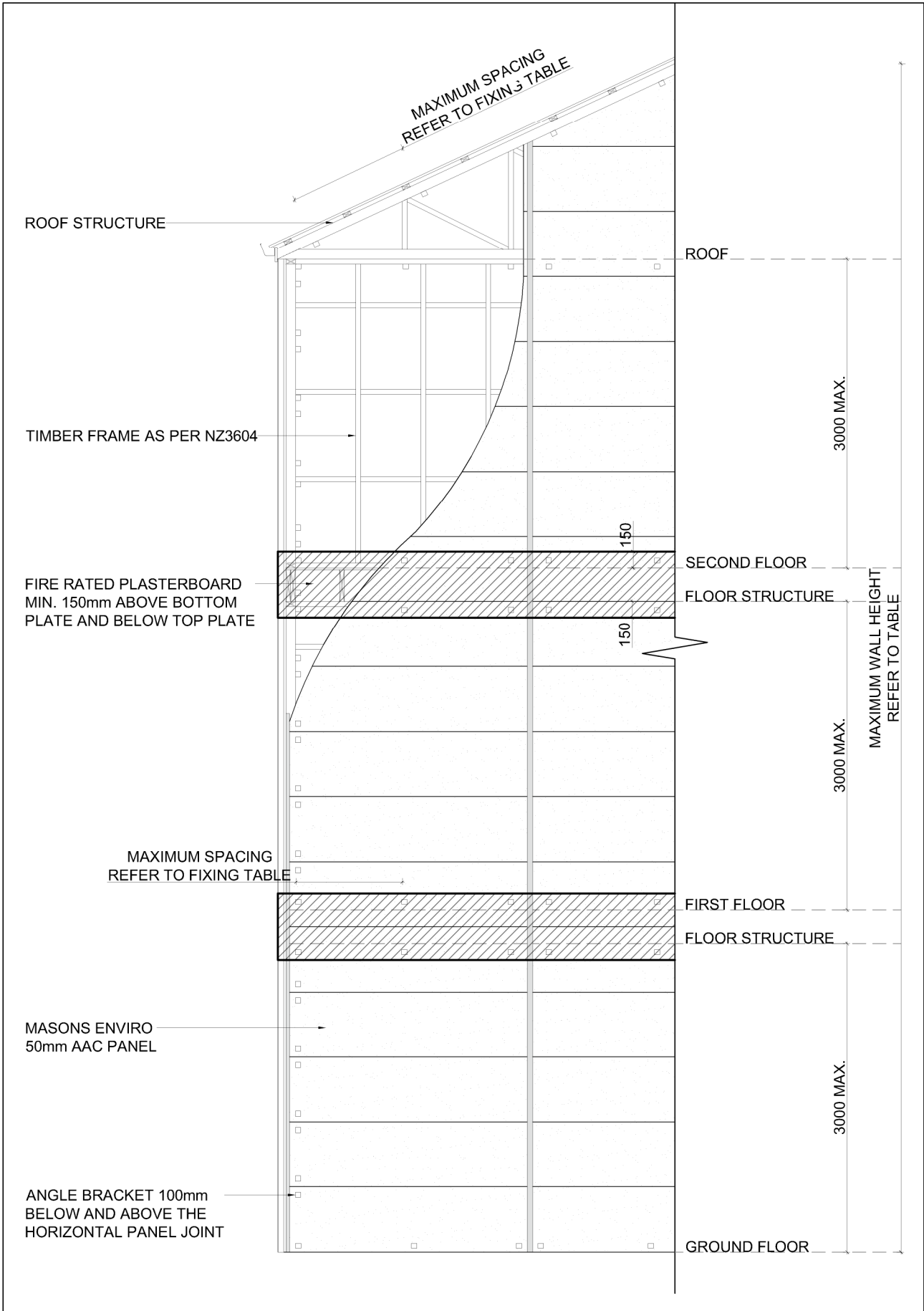
PANEL JOINT OPTION A



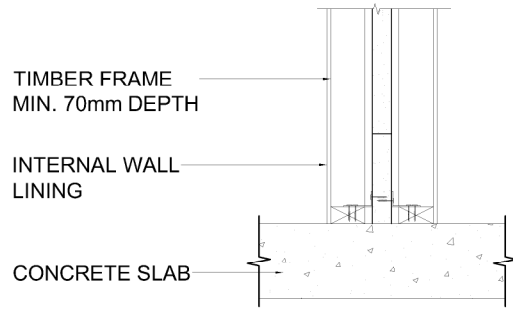
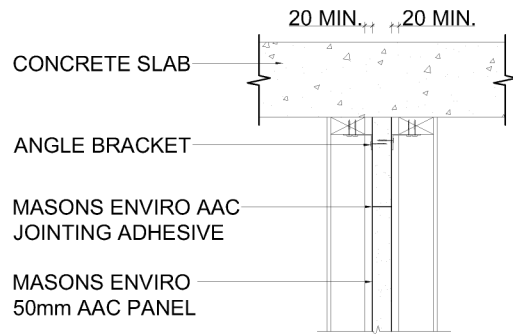
PANEL JOINT OPTION B



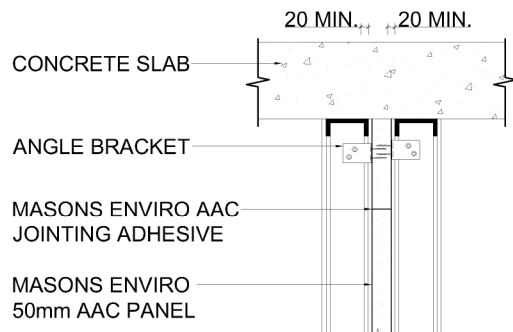
NOTE:
- USE APPROPRIATE FIXING FOR CORROSION ZONE
- MAXIMUM SPACING FOR ANGLE BRACKETS REFER TO FIXING TABLE



 MASONS Designed Smart, Built Tough.	Masons Intertency Wall System Masons Enviro 50mm AAC Panel FRR 90/90/90	Scale	Date
		Drawing Ref No. ITW.05	



TIMBER FRAME



STEEL FRAME



Masons Intertency Wall System

Concrete Floor to Concrete Soffit
FRR 90/90/90

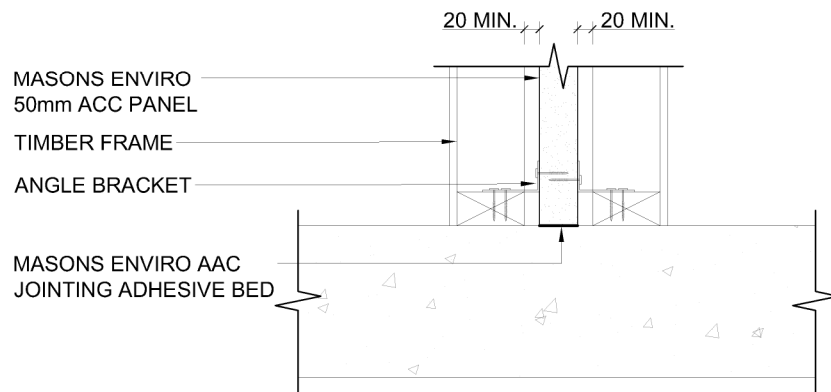
Scale

1:20

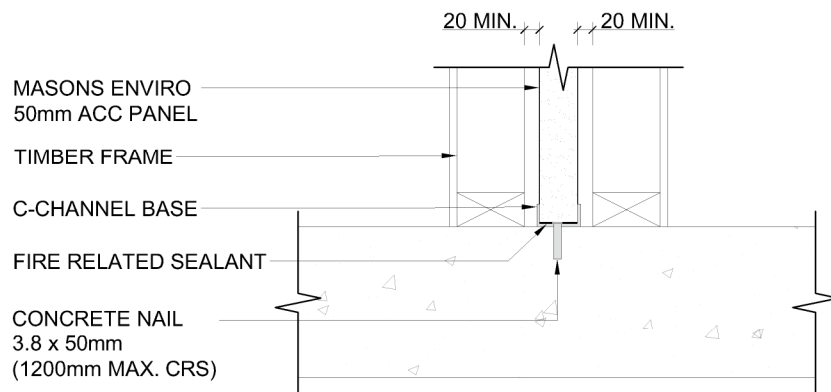
Date

Drawing Ref No.

ITW.06



**PANEL BASE OPTION 1 -
MASONS ENVIRO AAC
JOINTING ADHESIVE**



**PANEL BASE OPTION 2 -
C-CHANNEL**



Masons Intertency Wall System

Wall Base to Concrete Floor
FRR 90/90/90

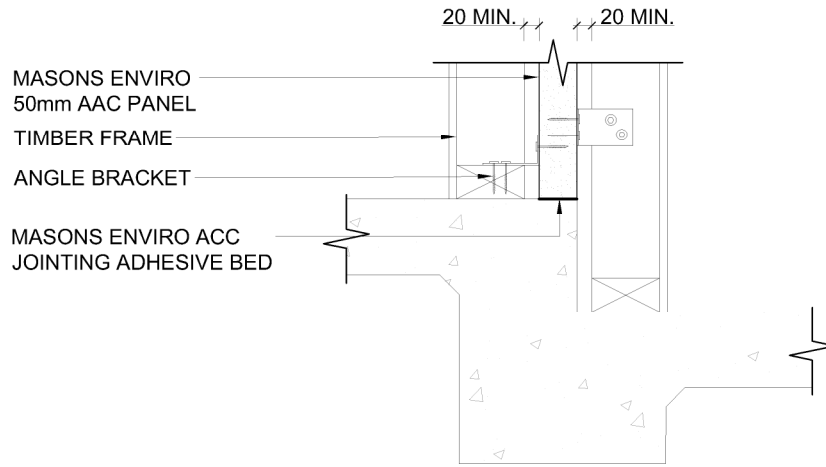
Scale

1:10

Date

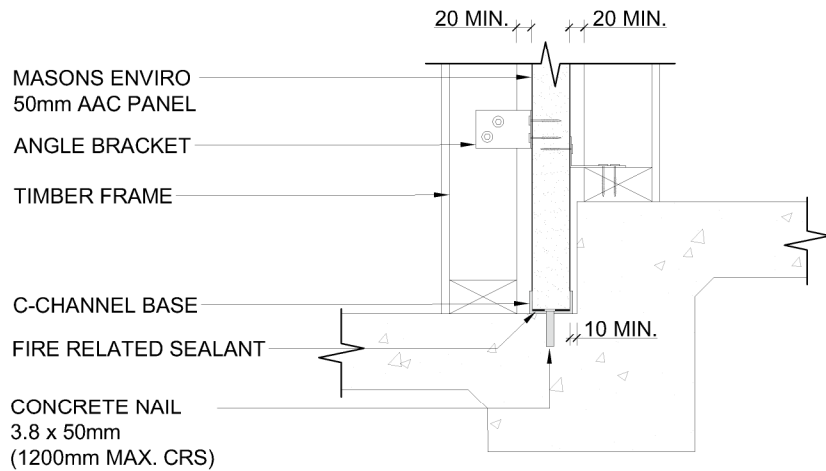
Drawing Ref No.

ITW.07



- MASONS ENVIRO 50mm AAC PANEL
- TIMBER FRAME
- ANGLE BRACKET
- MASONS ENVIRO ACC JOINTING ADHESIVE BED

**STEP IN SLAB OPTION 1 -
MASONS ENVIRO ACC
JOINTING ADHESIVE BED**



- MASONS ENVIRO 50mm AAC PANEL
- ANGLE BRACKET
- TIMBER FRAME
- C-CHANNEL BASE
- FIRE RELATED SEALANT
- CONCRETE NAIL
3.8 x 50mm
(1200mm MAX. CRS)

**STEP IN SLAB OPTION 2 -
C-CHANNEL**



Masons Intertenancy Wall System

Step In Slab
FRR 90/90/90

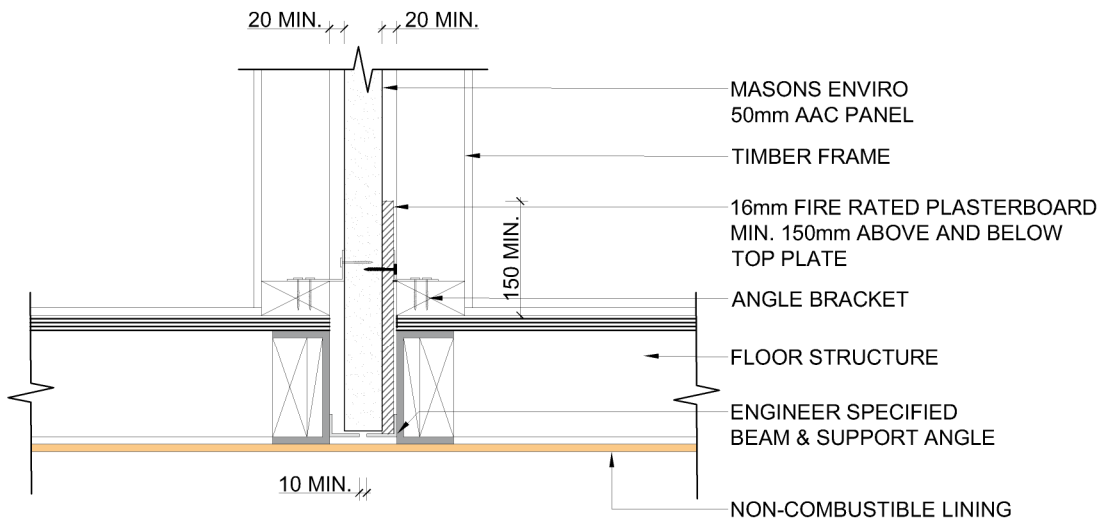
Scale

1:10

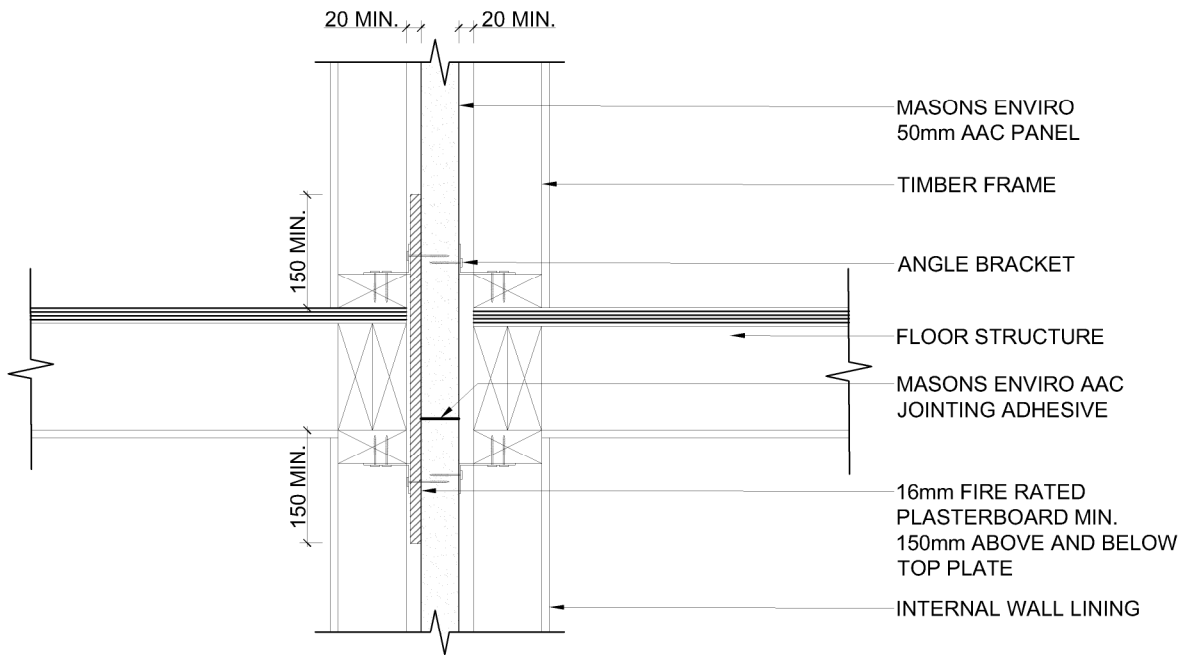
Date

Drawing Ref No.

ITW.08



CANTILEVER BEAM PANEL SUPPORT



TYPICAL WALL TO FLOOR JUNCTION



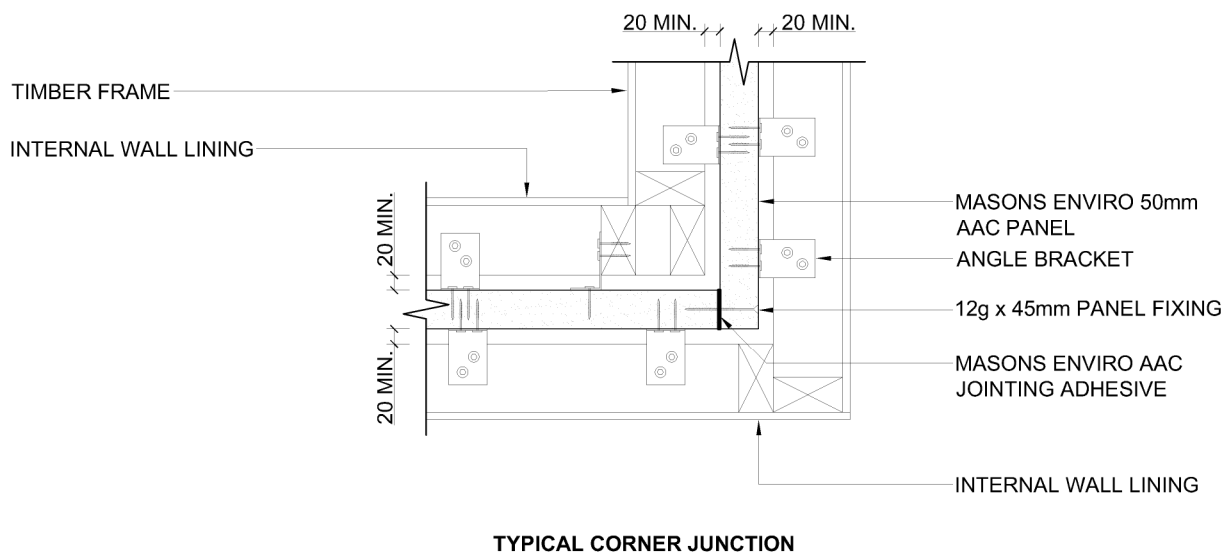
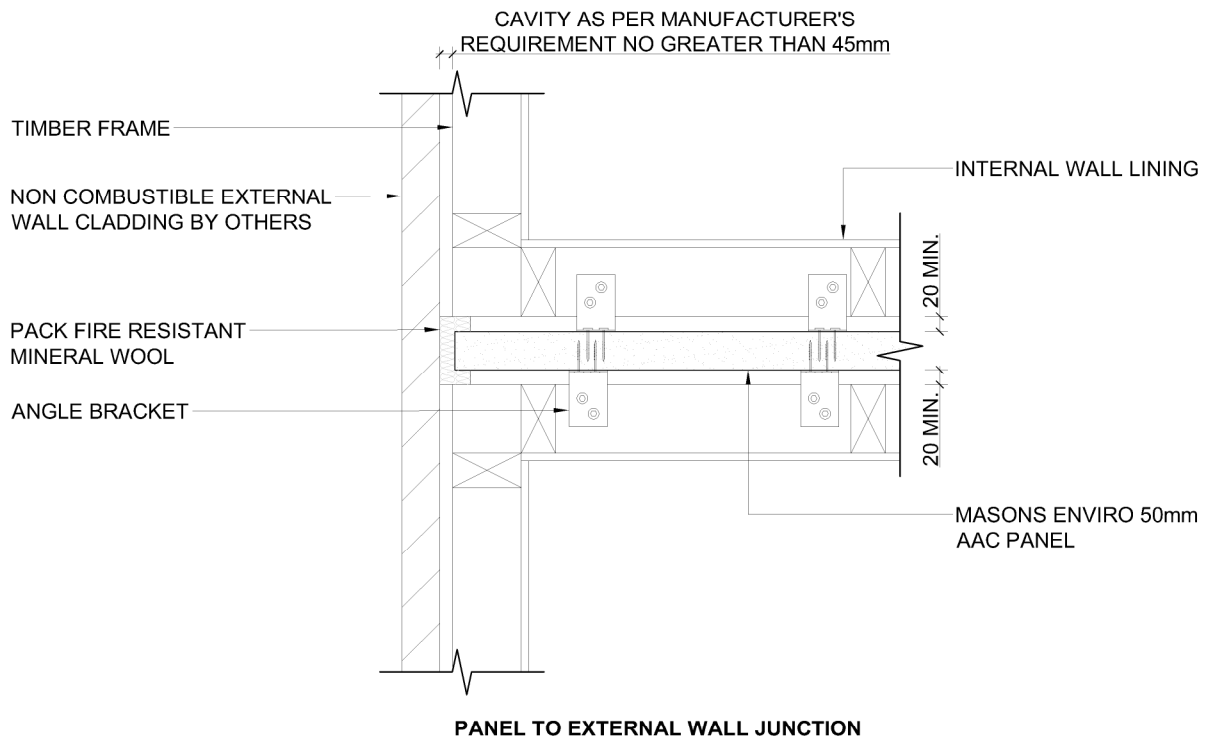
Masons Intertenancy Wall System
 Cantilever Support & Typical Wall to Floor Junction
 FFR 90/90/90

Scale
1:10

Date

Drawing Ref No.

ITW.09



Masons Intertenancy Wall System
 Panel to External Wall & Typical Corner Junction
 FRR 90/90/90

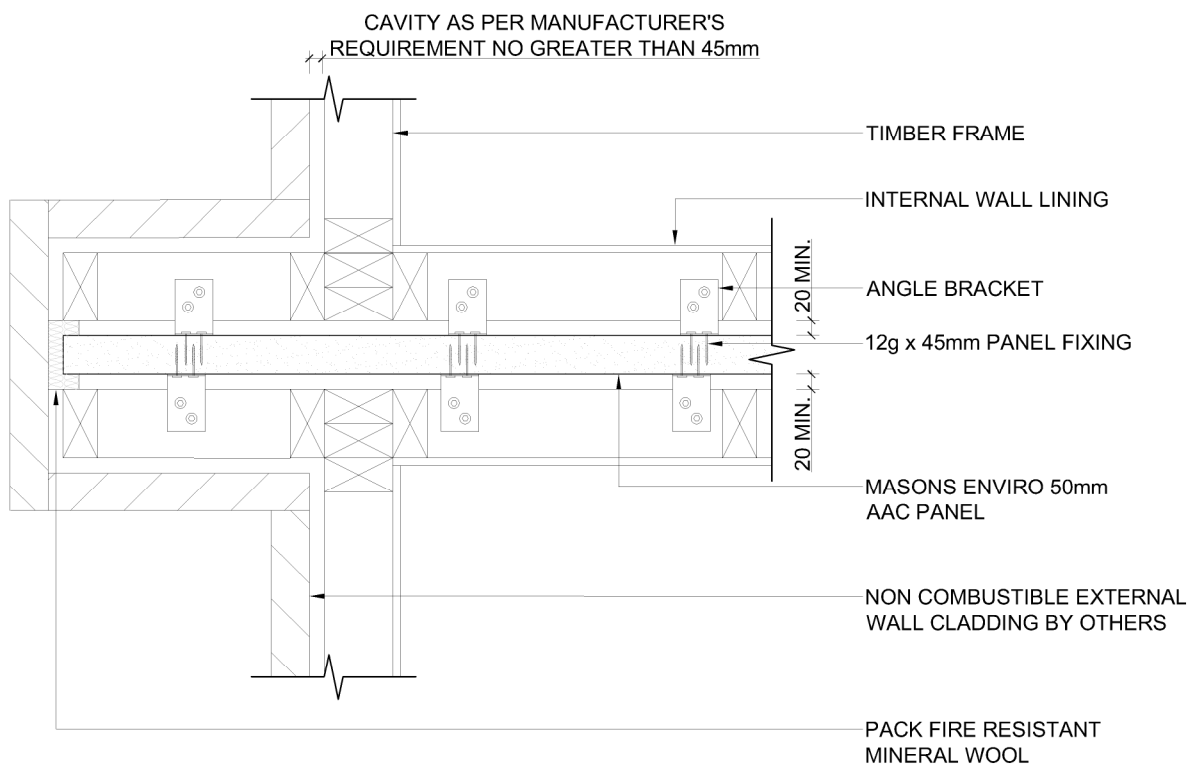
Scale

1:10

Date

Drawing Ref No.

ITW.10



Masons Intertency Wall System

'Nib' Junction
FRR 90/90/90

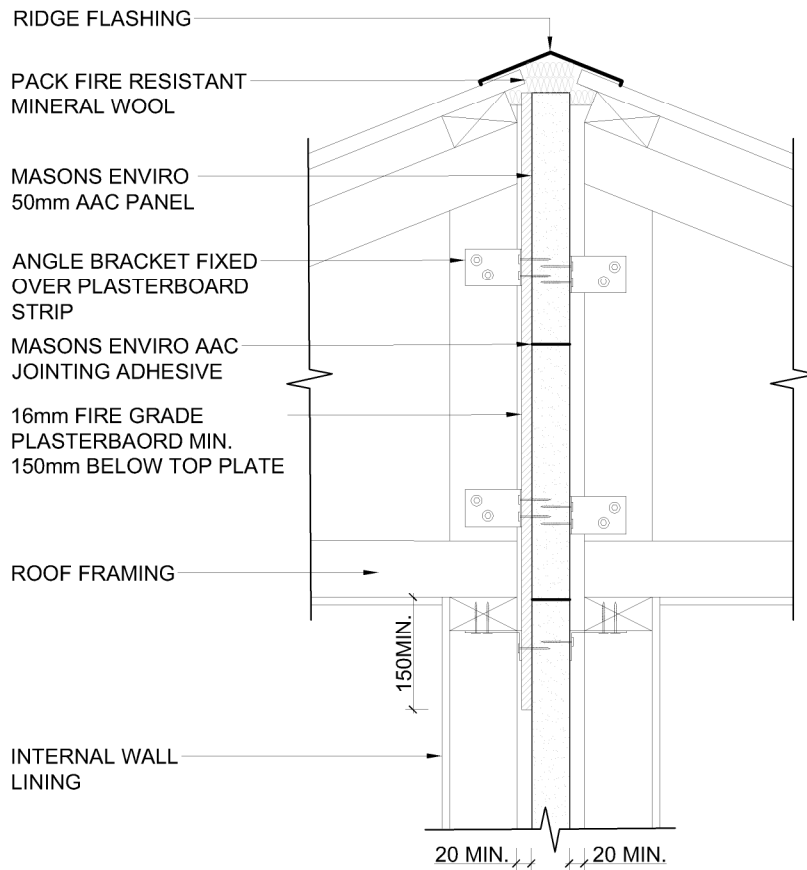
Scale

1:10

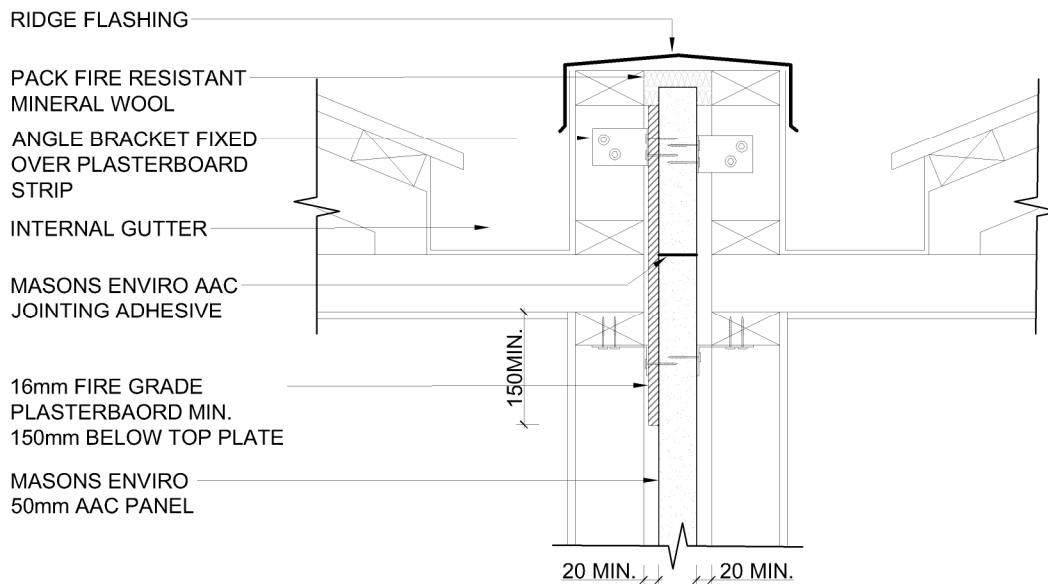
Date

Drawing Ref No.

ITW.11



PITCHED ROOF JUNCTION



ROOF PARAPET JUNCTION



Masons Intertency Wall System
 Pitched Roof & Parapet Junction
 FRR 90/90/90

Scale

1:10

Date

Drawing Ref No.

ITW.12