

SCOPE OF INSPECTION SHEET

Date 5/11/12 SR or BCA 120488 Inspection No. 2

Time 1.10 Documents on site YES / NO

Owner Name HUNT + TROTTER LTD Project Description AMS TALS

Site Address 84 AMOHIA ST

Building Plumbing

Circle appropriate Type & Inspection Other

Site Found Piles PreSlab Subfloor Drainage PreWrap PreClad Weathertight PreLine PostLine Block Brick Ret.Wall Final

Engineer Supervision Yes No n/a - Name

Notes MAIN COU 20mm FROM
EXISTING WITH NGW HOT WATER
CYLINDER

Diagram (if necessary)

15mm IN FOR AN FIXTURE
CHIPPED SEWAGE TESTS + Hauling
1500kPa
WASTES + SOIL PIPES IN Puset
100mm + 65mm PVC UNDER
TEST + Hauling

NOTE THAT FUTURE 65mm PVC
+ HOT + COU FOR POSSIBLE KITCHEN

Photo's Taken - Nos. saved / scanned? Y / N

Site instruction issued OK TO CONTINUE

Confirmation of person on site

Result: Pass Part pass Fail

Name Punzies LBP No.

Your next inspection will be Provia Bussby
(Guidance notes for inspection on the rear of this sheet)

Agreed Thomson Punzies + 4th Party Sign.

Officer Name Coramara Sign.

Information entered into data base ☐ Initial Date 5/11/12

WEATHERTIGHTNESS / PRELINE / POSTLINE

Date 5/11/12 SR or BCA 120488 Inspection No. 2

Time 1:10 Documents on site YES / NO YES

Owner Name 11 NT2 + TROTTER LTD Project Description Ans + Ins

Site Address 84 MOHAI ST

All inspections are carried out with strict reference to the building consent granted.

P = Pass F = Fail NA = Non-Applicable

Inspection decisions are based on the extent of work inspected at the time of inspection.

Please refer to the related scope sheet for definition of the inspections extent.

Applies to all inspections

Sighted previous inspection notes	Y	N	NA	Conforms with approved drawings	Y	N	NA	Confirm Additional information/amended plan	Y	N	NA
-----------------------------------	---	---	----	---------------------------------	---	---	----	---	---	---	----

WEATHERTIGHTNESS

Cladding selection complies with BC?	P	F	NA	Roof material complies with BC?	P	F	NA	Sheets fixed to manufacturers	P	F	NA
Roof fixing complies	P	F	NA	Fixings appropriate for durability?	P	F	NA	Sheet layout	P	F	NA
Ridge/hip flashings in place	P	F	NA	Roof/wall junctions flashed	P	F	NA	Control joints where appropriate	P	F	NA
Penetrations correctly flashed	P	F	NA	Fixings appropriate for bracing elements	P	F	NA	Flashings in place	P	F	NA
Clearance provided for fascia & spouting	P	F	NA	Ground clearances achieved	P	F	NA	Clearance off deck surface	P	F	NA
Flashings/wraps in place, parapets/barriers	P	F	NA	Glazing – human impact	P	F	NA	Truss/Rafter fixings	P	F	NA

PRELINE

Max moisture Content	P	F	NA	Insulation R Value	P	F	NA	Bracing connections	P	F	NA
Ventilation to rooms	P	F	NA	Top plate connection	P	F	NA	Air seals	P	F	NA
Timber treatment	P	F	NA	Ceiling batten spacing	P	F	NA	Bottom plate fixings	P	F	NA
Lintel/beam size & fixing	P	F	NA	Stud spacing	P	F	NA		P	F	NA
Plumber Name <u>P + GAS Going</u>				TPR line	P	F	NA	Waste pipe size & test	P	F	NA
Soil pipe size and test	P	F	NA	Inbuilt S/W pipes tested	P	F	NA	Floor wastes	P	F	NA
Pipes fixed/supported	P	F	NA	Vents terminated	P	F	NA	Shut off valves	P	F	NA
System: AS3500, G13, Other	P	F	NA	Pressure Test <u>1500 kPa</u>	P	F	NA	Fire wraps and collars	P	F	NA

POSTLINE

Sheet bracing	P	F	NA	Wet area substrate system	P	F	NA	Sheet fixings	P	F	NA
Penetrations sleeved	P	F	NA		P	F	NA	Fire/Acoustic separation	P	F	NA

Officer Name: _____ Officer Sign: _____ Date: 5/11/12

SCOPE OF INSPECTION SHEET

Date 31/10/2012 SR or BCA 120488 Inspection No. 1

Time Documents on site YES / NO

Owner Name HINZ & TROTTER Project Description ALTS

Site Address 84. AMOHIA ST.

☒ Building ☐ Plumbing

Circle appropriate Type & Inspection Other

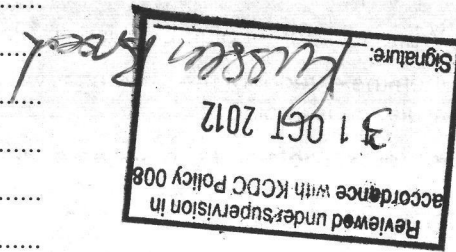
Site ☒ Found ☐ Piles ☐ PreSlab ☐ Subfloor ☐ Drainage ☐ PreWrap ☐ PreClad ☐ Weathertight ☐ PreLine ☐ PostLine ☐ Block ☐ Brick ☐ Ret.Wall ☐ Final

Engineer Supervision Yes ☒ No ☐ n/a - Name

Notes

Diagram (if necessary)

Foundation in place.
Steel in place. AS per
plans.
Upper basement in place.



Photo's Taken - Nos. saved / scanned? Y / N

Site instruction issued

Result: ☒ Pass ☐ Part pass ☐ Fail

Confirmation of inspection by person on site

Person on site: Builder ☒ Owner ☒ Other ☐ No One on site ☐

Your next inspection will be
(Guidance notes for inspection on the rear of this sheet)

Agreed, [Signature] (Print Name) Sign Date 31/10/2012

Officer Name [Signature] Sign [Signature] Date 31/10/2012

Additional Insp. Sheet No.

Information entered into data base ☐ Initial Date 1/1/

SITE / FOUNDATIONS / PILES / PRE SLAB / SUBFLOOR / DRAINAGE

Date 31/10/2012 SR or BCA 120488 Inspection No. 1

Time Documents on site YES / NO

Owner Name Hinze & Trotter Project Description APCs

Site Address 84. Ansonia St.

All inspections are carried out with strict reference to the building consent granted.

P = Pass F = Fail NA = Non-Applicable

Inspection decisions are based on the extent of work inspected at the time of inspection.

Please refer to the related scope sheet for definition of the inspections extent.

SITE

Conforms with approved drawings	Y	N	NA	Checked driveway	Y	N	NA	Engineer supervision required	Y	N	NA
Scope of Resource consent granted?	Y	N	NA	Checked position off relevant boundaries and datum height	Y	N	NA		Y	N	NA
Expert Opinion (Producer statement) required	Y	N	NA	Name of Surveyor				Name of Engineer			
				Company				Company			

FOUNDATIONS

PILES

SUBFLOOR

Footings Depth	P	F	NA	Pile size	P	F	NA	Pile/Bearer/Joist Fixings	P	F	NA
Good bearing (NZS 3604)	P	F	NA	Pile layout is to plan	P	F	NA	Notching, Holes, etc	P	F	NA
Reinforcing	P	F	NA	Special piles - point load	P	F	NA	Solid Blocking	P	F	NA
Siting	P	F	NA	Timber Treatment	P	F	NA	Joists	P	F	NA
Sub-floor vents	P	F	NA	Hole depth	P	F	NA	Beams/Bearers	P	F	NA

PRE SLAB

Rebate for brick veneer	P	F	NA	Sand blinding	P	F	NA	Steel reinforcing	P	F	NA
Ground clearance	P	F	NA	Slab thickenings	P	F	NA	Bar chairs	P	F	NA
Concrete Cover	P	F	NA	Vapour barrier (DPC)	P	F	NA	DPC penetrations taped	P	F	NA
Driveway s/w control	P	F	NA	Bottom plate fixings	P	F	NA	Minimum Floor Level	P	F	NA
Secondary flow path	P	F	NA	TPR line	P	F	NA	Wastes and drains - size / fall	P	F	NA
Pipe material	P	F	NA	Plumbing layout	P	F	NA	Test - Water / Air	P	F	NA
Pipe protection	P	F	NA	Pipes supported	P	F	NA	Visual leak check	P	F	NA

DRAINAGE

Pipe diameter	P	F	NA	Connections/Angles	P	F	NA	Holding water	P	F	NA
Bedding material	P	F	NA	Branch length	P	F	NA	Terminal vent	P	F	NA
Gully trap(s)	P	F	NA	Direction/Fall	P	F	NA	LBP/Registration No:			

Officer Name: Tony G Sign: [Signature] Date: 31/10/12

FOR COUNCIL USE:

DEPARTMENT	TICK FOR REFERRAL	COMMENTS	APPROVING OFFICER/ DATE
Site Inspection	✓	Refer to Form 241 for completion of site inspection & sign off this form when completed. <i>No site carried out not required</i>	<i>30/8/12</i> <i>P. Brook</i>
Resource Consents (refer PIM Sheet)	✓	<i>See PIM sheet</i>	
Plumbing and Drainage	✓		<i>4/9/2012</i>
Building	✓	<i>Plans dated - further information requested. 26 Sept. 2012</i>	<i>2nd October 2012</i>
Fire Design	✓		<i>26 Sept. 2012</i>
Compliance Schedule	✓	<i>N/A</i>	
Environmental Health			
Other.....			
NOTES:			



Building Consent No.	<i>120488</i>
Building Project	<i>Alterations & change of use to form dwelling</i>
Location (Site Address)	<i>84 Amohia Street, Paopapaumu</i>
Building Category	Circle appropriate category 0 1 2 (3)

Application workflow checklist		
	Name & Signature	Date
	Note # A signature confirms that the application contains sufficient information to enable compliance with the building code to be assessed	
# Note: Checked, date stamped and initialled by TO/BCO. Select and circle appropriate category above & identify allocation to appropriate technical groups and if required to go to "site inspection" AP-WI-001	<i>George Mann</i>	<i>23/8/12</i>
Payment taken and receipted (details entered inside this cover sheet) by CSO CS-WI-008		
Data entered and invoiced by CSO CS-WI-008	<i>Angie</i>	<i>23/8/12</i>
Pages numbered by CSO CS-WI-008	<i>George Mann</i>	<i>23/8/12</i>
BC Application and documentation scanned, checked & status update by CSO CS-WI-009	<i>Angie</i>	<i>24/8/12</i>
BC Application signed over to BC CS-WI-009	<i>Angie</i>	<i>24/8/12</i>
Application reviewed by Technical Officers who sign off at back of this form AP-WI-026 & AP-WI-009	<i>Simon Copp</i> <i>George Mann</i>	<i>4/9/2012</i> <i>2nd Oct 2012</i>
Once Technical review complete, passed to CS for Plan Production and Invoicing AP-WI-009	<i>George Mann</i>	<i>2nd Oct. 2012</i>
CSO checks data entry input, including required inspections CS-WI-012		
BC, plans and other appropriate paperwork produced by CSO CS-WI-012	<i>Angie</i>	<i>4/10/12</i>
BC, Approved plans and appropriate paperwork sent to applicant or agent with receipt by CSO CS-WI-012		
Inspection envelope prepared by CSO with endorsed plans and other appropriate paperwork and filed to cabinet. CS-WI-012		

CONSENT DATA INPUT REQUIREMENTS

REQUIRED INSPECTIONS					
✓ Foundation/ 2nd 1st floor fire separator	32	✓	Lapse and cancellation after 12mths of consent	23	Installation of solid fuel appliance (wood burner) comply and secured
Block	2		Engineer design specific components	23A	Second hand wood burner certified
Pre-Slab (Plumbing)	3	✓	Foundations to solid bearing of 200mm	25	Contractor to leave site clean and clear
Pre-Slab (Building)	4	✓	NZS3604 as acceptable solution in terms of NZ Building Code	30	To comply with Food Hygiene Regulations 1974
Sub-Floor	6	✓	Not approved as Habitable Room	31	As in CCZ, all fixings need to be stainless steel
Drainage	9	✓	Note and comply with all endorsements on approved plans	33	Approval only given for relocation purposes
Pre-Wrap	10		Names and Registration of plumber and drain- layer required	34	If cladding to have pre- finished colour coating, to be appropriate for coastal conditions
Weathertightness	11		Concealed soil and TV pipes and gas flues only allowed in ducts or minimum framed	38	Window sashes on upper levels less than 760mm above floor to have stays fixed
✓ Pre-lining (Building)	12	✓	Hot & Cold water pipes tested to 1500kPa	39	Construction of playground to comply with NZS5828
✓ Pre-lining (Plumbing)	13		Roof stormwater to be connected to existing	40	Fencing, gates, doors directly leading to swimming pool to comply with Pool Act 1987
Wet areas - membrane	14		Copper water pipes not permitted	43	Textured systems should be applied by licensed, trained applicators - supply warranty
✓ Post Lining	15		Owner/builder to ensure prop foundation height will allow satisfactory connection	44	Exterior cladding system to be completed and inspected prior to internal lining
Brick Veneer	21		Minimum FFL to comply with NZS3604		
Retaining Wall					
Final (Dwelling)					
✓ Final (Commercial & Multi-resd)					

STANDARD CONSENT CONDITIONS		
✓ 37		
72		
80		

NON-STANDARD ADDENDA

- The attached fire report constitutes an essential part of this Building Consent and must be read and fully implemented on site - refer to the fire report for full details that are not necessarily indicated on the architectural drawings. It is the owner's & contractor's responsibility to ensure the full fire precautions, systems & construction are incorporated in the building.

FOR OFFICE USE ONLY

FEES		APPLICATION FEE \$.....
Building Fee	\$2561.00	\$2734.35
Sewer Connection	\$.....	RECEIPT NO DATE.....
Water Connection	\$.....	INVOICE NO DATE.....
Vehicle Crossing	\$.....	43872 23/8/12
Damage Deposit	\$.....	RECEIPT NO DATE.....
Code Compliance Administration	\$.....	421297 24/8/12
Building Research Levy	\$35.00	FEES PAID BY:
Development Levy	\$.....	Hintz & Trotter Ltd.
DBH Levy	\$70.35	BUILDING CONSENT DATE ISSUED
Compliance Schedule	\$.....	NUMBER 120488 23/8/12
Digital Storage Fee	\$41.00	AUTHORISATION FOR REFUND OF DEPOSIT
Certificate of Title Charge	\$27.00	Deposit held = \$.....
Photocopying	\$.....	Cost to Repair Damage Caused During Construction = \$.....
SUBTOTAL	\$.....	Total Balance to be Refunded
Less Fee Paid	\$.....	Authority Number:
TOTAL	2734.35	Authorised: DATE:
GST INCLUDED	\$.....	

OGST 51-860-608

Received with thanks by 36/01
KAPITI COAST DISTRICT COUNCIL

24-08-12 9:15 Receipt no.421297

COPY *COPY* *COPY*

DR BC120488

HINTZ & TROTTER LTD 2,734.35-

Hintz & Trotter Ltd - Kevin Hintz::PO B

CQ EFT

Hintz & Trotter Ltd 2,734.35



Kāpiti Coast District Council

Private Bag 60 601
Paraparaumu 5254
New Zealand

Tel (04) 296 4700
or 0800 486 486

Fax (04) 296 4830 ■
kapiti.council@kapiticoast.govt.nz ■
www.kapiticoast.govt.nz ■

Building consent 120488

Section 51, Building Act 2004

The building

Street address of building: 84 Amohia St, Paraparaumu

Legal description of land where building is located: LOT 17 BLK V DP 462 CT 283/119

Valuation number: 1525209900

Building name:

Location of building within site/block number:

Level/unit number:

The owner

Name of owner: Hintz & Trotter Ltd - Kevin Hintz

Contact person:

Mailing address: PO Box 1580, Paraparaumu Beach 5252

Street address/registered office: 204A Matai Road, Raumati

Phone number: Landline: 905 4664

Mobile: 0272 681992

Daytime:

After hours:

Facsimile number:

Email address: kevin.l.hintz@gmail.com

Website:

First point of contact for communications with the council/building consent authority:

As above

Building work

The following building work is authorised by this building consent:

Converting rear of building into a residential unit by erecting fire wall.

Residential Dwelling

This building consent is issued under section 51 of the Building Act 2004. This building consent does not relieve the owner of the building (or proposed building) of any duty or responsibility under any other Act relating to or affecting the building (or proposed building).

This building consent also does not permit the construction, alteration, demolition, or removal of the building (or proposed building) if that construction, alteration, demolition, or removal would be in breach of any other Act.

This building consent is issued subject to the following conditions:

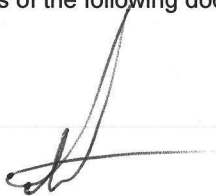
1. This consent is issued subject to Registration of Section 72 of the Building Act 2004.

Compliance schedule

A compliance schedule is not required for the building.

Attachments

Copies of the following documents are attached to this building consent:

A handwritten signature in black ink, appearing to be 'B. Carol Offin', written over a horizontal line.

Signature

A handwritten signature in black ink, appearing to be 'Bridget Carol Offin', written over a horizontal line.

Position

On behalf of: KAPITI COAST DISTRICT COUNCIL

Date: 2/10/12

5 October 2012

Hintz & Trotter Ltd - Kevin Hintz
PO Box 1580
Paraparaumu Beach 5252

Dear Sir/Madam

Approval of Building Consent: 120488

Description: Converting rear of building into a residential unit by erecting fire wall.
Location: 84 Amohia St, Paraparaumu
Legal Description: LOT 17 BLK V DP 462 CT 283/119

I am pleased to inform you that the above building consent application has been approved. The building consent documents have been issued and are enclosed.

Before starting any work please read ALL the building consent documents carefully and in full so that you as the owner understand the conditions under which the consent has been issued.

As the owner you are also responsible for the following:

- ensuring that building work starts within 12 months of the approval of the building consent and that work progresses at a reasonable pace.
- ensuring that all required inspections are completed and that a Code Compliance Certificate is obtained once the work has been completed – please be aware that before a Code Compliance Certificate is issued, the building work must comply with the Building Act 2004 and the Building Code as at the date of final inspection.
- that no work with noisy equipment is to be carried out before 7.30 a.m. or after 6 p.m. Monday to Saturday. During the week there may be workers on site from 6.30 a.m. quietly preparing for work. Work with noisy equipment is not permitted on Sundays and public holidays.
- ensuring that no damage occurs to public property, for example footpaths or retaining structures. Should damage occur you will be required to pay for any repairs.
- ensuring that if you wish to make any changes to the approved building consent, then an amendment to the building consent will need to be lodged with us.

If you have any questions regarding your building consent or your responsibilities, please contact Kapiti Coast District Council on (04) 2964 700.

Addenda to Application

Application

Hintz & Trotter Ltd - Kevin Hintz PO Box 1580 Paraparaumu Beach 5252	No.	120488
--	-----	--------

Project

Description	Dwellings - Alterations & additions Being Stage 1 of an intended 1 Stages Converting rear of building into a residential unit by erecting fire wall.
Intended Life	Indefinite, but not less than 50 years
Intended Use	Residential Dwelling
Estimated Value	\$35,000
Location	84 Amohia St, Paraparaumu
Legal Description	LOT 17 BLK V DP 462 CT 283/119
Valuation No.	1525209900

Builder:	Kevin Hintz - Pete Thomson : 0274 484314 Reg 103940
Designer:	Onboard & Online Ltd PO Box 74, Paraparaumu : 902 1210
Plumber:	Thomson Plumbing & Gasfitters Ltd Andy Thomson - Reg 12396

General Requirements

- a) The Building Inspector is to be given 24 hours' notice before carrying out the following inspections:
 1. Foundations
 2. Preline
 3. Preline
 4. Postline
 5. Final Inspection - Commercial
- b) To arrange for any of the above required inspections by Building Control Team, please contact the Call Centre on (04) 296 4700 between the hours of 8am and 5pm.

1. LAPSE AND CANCELLATION OF BUILDING CONSENT. A building consent shall lapse and be of no effect if the building work concerned has not been commenced within 12 calendar months after the date of issue. Or within such further period as the territorial authority allows.
2. All foundations are to be to solid bearing minimum of 300mm
3. NZS3604 is an Acceptable Solution in terms of the New Zealand Building Code and is a recommended reference document for timber framed buildings.
4. Note and comply with endorsements on approved plans.
5. Both hot and cold water pipes are to be tested to 1500 KPA pressure.
6. Contractor to leave site clear of all demolition materials and in a tidy state.
7. The attached fire report constitutes an essential part of this Building Consent and must be read and fully implemented on site - refer to the fire report for full details that are not necessarily indicated on the architectural drawings. It is the owner's & contractor's responsibility to ensure the full fire precautions, systems & construction are incorporated in the building.

I have read the foregoing addenda to application, and the Owner/Builder/Authorised Person hereby agrees to comply with them.

**OWNER/BUILDER/
AUTHORISED PERSON**

Date: _____

REVISED INFORMATION

BC 120488

HIGH WIND ZONE

CAUTION
Plans have been
digitally
reproduced and may
not
be to scale.

All references to standards
and codes etc shall be
taken
as reference to latest
version
including amendments.

Endorsements made on any
single
page apply equally to the entire
project.

APPROVED
BY
BUILDING
George
Mason
2/10/2012

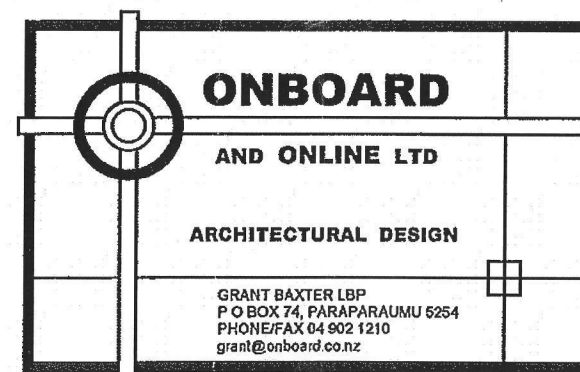
PROPOSED ALTERATIONS TO EXISTING BUILDING AT 84 AMOHIA STREET PARAPARAUMU

Provide electrical
certification
after completion and prior to
Code Compliance
Certificate
being issued

The attached fire report constitutes an essential
part of this building consent and must be read and
fully implemented on site - refer to the fire report
for
full details that are not necessarily indicated on
the
architectural drawings. It is the owner's and
contractor's responsibility to ensure that the full
fire
precautions, systems and construction are
incorporated in the building.

RECEIVED
- 1 OCT 2012
KAPITI COAST
DISTRICT COUNCIL

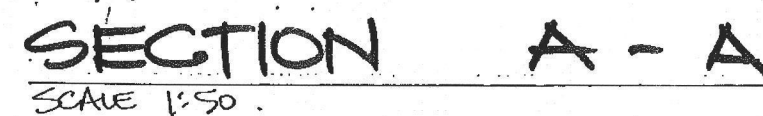
JOB # 2012-07-1461



REVISED 28/9/2012
REVISED 24/9/2012
REVISED 15/8/2012
23 JULY 2012

0 180 360 540 720 900 1080 1260 1440 1620

CHECK CHECK CHECK



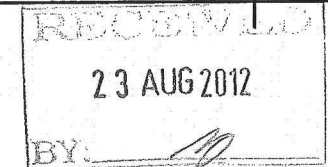
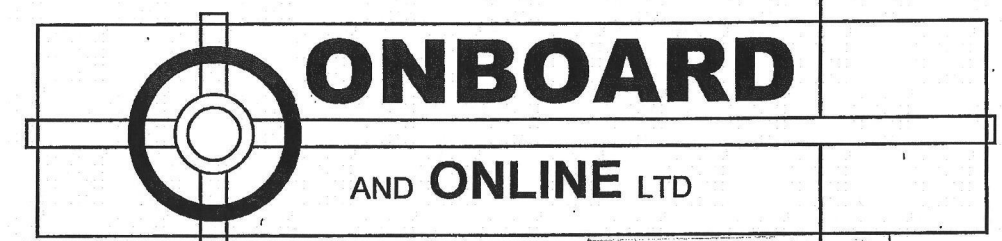
REVISED 28/9/2012
REVISED 24/9/2012.
REVISED 15/8/2012



5

GENERAL NOTES RELEVANT TO THIS PROJECT

PROPOSED ALTERATIONS TO EXISTING BUILDING AT 8 AMOHIA STREET, PARAPARAUMU



CAUTION – plans have been digitally reproduced and may not be to scale

STANDARDS – all references to Standards and Codes etc shall be taken as reference to latest version including amendments

BUILDING CODE – all work must be carried out to conform to relevant sections of NZ Building Code and NZ Standards, particularly NZS 3604:2011 for light timber frame construction

SETTING OUT – all setting out/building configuration and building heights must be checked and confirmed on site

BOUNDARY LINES – the owner/builder is responsible for clearly defining the site boundary lines and pegs (not necessarily fence lines) – this may require a survey

VENTILATION – all habitable/service rooms to have 5% of the area as opening windows, or approved alternative, to achieve ventilation requirements

BOTTOM PLATE FIXING – 12 mm Ø cast in at 1200 c/s max

TOP PLATE FIXING – Where walls are supporting trusses the top plate must be fixed to the supporting members as per NZS 3604:2011 Table 8.18

TIMBER GRADING – all timber shall be treated for use as per NZS 3602 2003 and shall be Grade SG8 unless otherwise specified

SAFETY GLASS – to be provided to glazed doors, side panels, full height and low sill windows as per NZS 4223 1999 Part 3

ELECTRICAL – provide electrical certification after completion and prior to Code Compliance Certificate being issued

DOWNLIGHTS – where recessed downlights are used they shall be installed to prevent transfer of moisture into ceiling spaces and maintain clearance from insulation to NZECP 54:2001

SMOKE ALARMS – to be installed for the detection and warning of fire to NZBC F7

HOT WATER CYLINDERS – two seismic restraint straps required around hot water cylinder

HOT WATER - hot water temperature at any new or relocated sanitary fixture used for personal hygiene shall not exceed 55°C and hot water pipes to be insulated to NZS 4305:1996



Two Way FRR – Timber Frame with GIB Rail®

MARCH 2006

SPEC No.	LOADBEARING CAPACITY	STC	RW	FIRE RESISTANCE RATING	LINING REQUIREMENTS
GBT(L)A 45r	LB	55	54	(45)/45/45	2 x 13mm GIB® Standard Plasterboard each side

FRAMING

Framing to comply with:

- NZBC B1 – Structure: AS1 Clause 3 – Timber (NZS 3604) or VM1 Clause 6 – Timber (NZS 3603)
- NZBC B2 – Durability: AS1 Clause 3.2 – Timber (NZ 3602)
- Studs at 600mm centres maximum
- Nogs at 1350mm centres maximum.

Height as determined by NZS 3604 stud and top plate tables for loadbearing walls.

SOUND CONTROL INFILL

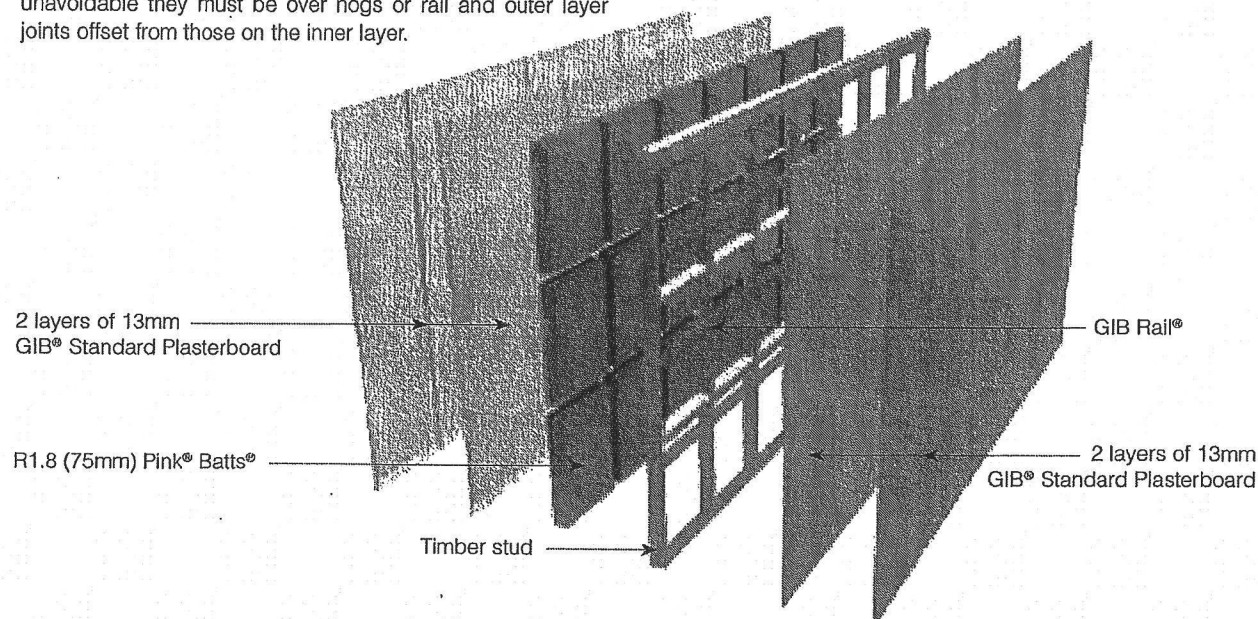
R1.8 (75mm) Pink® Batts® glasswool insulation installed between the studs and nogs.

FASTENING THE GIB RAIL®

The rail shall be fixed horizontally at 600mm centres using 32mm x 8g GIB® Grabber® Wafer Head Self Tapping Screws through the base flange into each stud. The base flange shall point downwards and the open edge upwards. The top rail shall be fastened with its upper edge below the top plate but no more than 75mm below the ceiling line. The bottom rail 50mm from the floor line. The bottom rail only may be fixed with its base flange up or down for ease of attachment. Splice rails directly over the studs by nestling (not butting) with no more than a 20mm overlap. Drive the fastener through both flanges into the stud.

LINING

2 layers of 13mm GIB® Standard Plasterboard fixed vertically each side of the frame. Vertical joints of the outer layer are offset 600mm from those of the inner layer. Use full height sheets where possible. Sheet joints are touch fitted and must occur over timber on the framing side. Where sheet end joints are unavoidable they must be over nogs or rail and outer layer joints offset from those on the inner layer.



In order for GIB® systems to perform as tested, all components must be installed exactly as prescribed. Substituting components produces an entirely different system and may seriously compromise performance. Follow system specifications.

FOR FURTHER INFORMATION VISIT WWW.GIB.CO.NZ AND SEARCH SPECIFICATION CODE: GBT(L)A 45r

GIB® NOISE CONTROL SYSTEMS

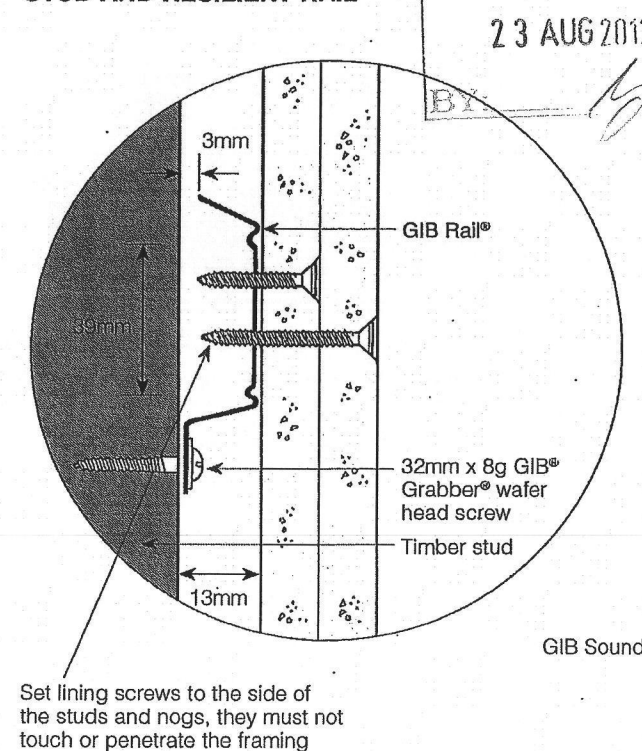
21



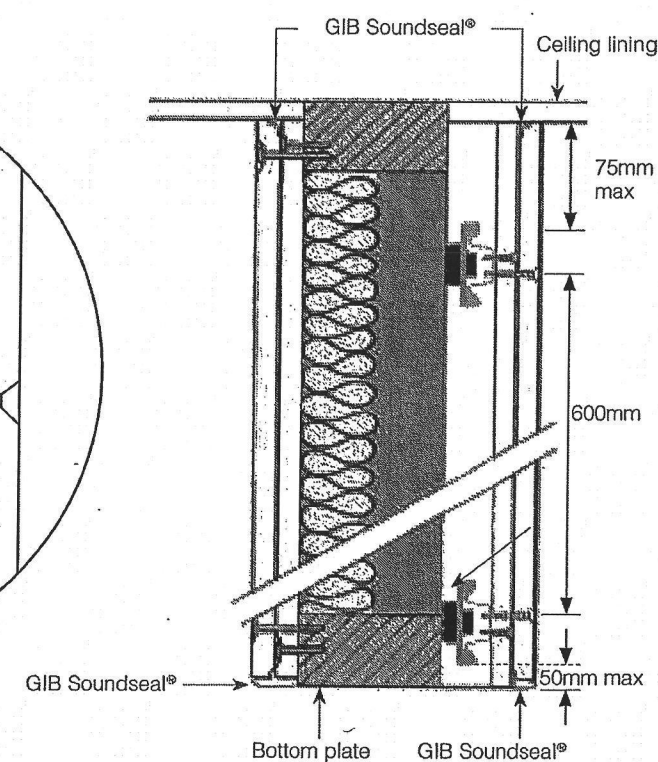
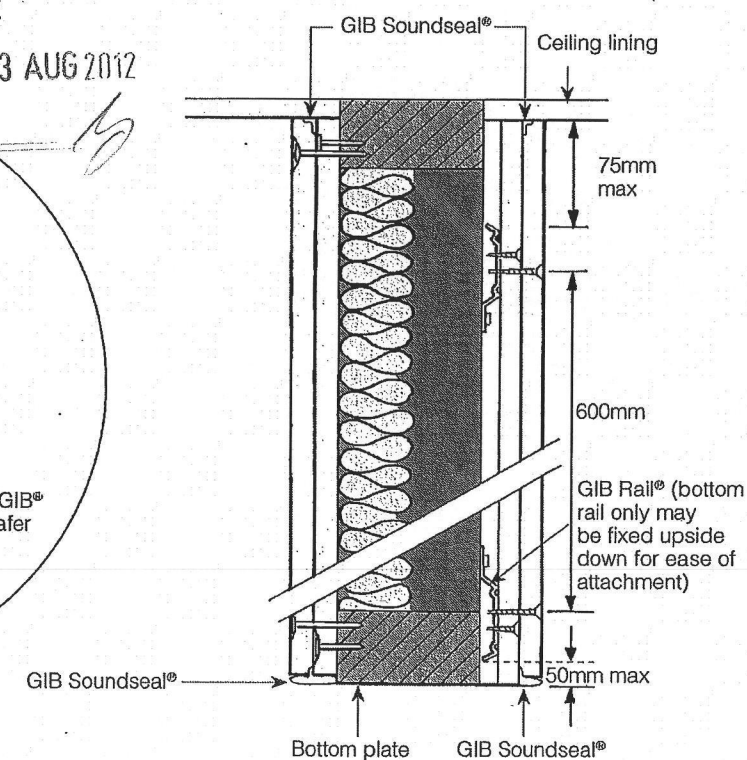
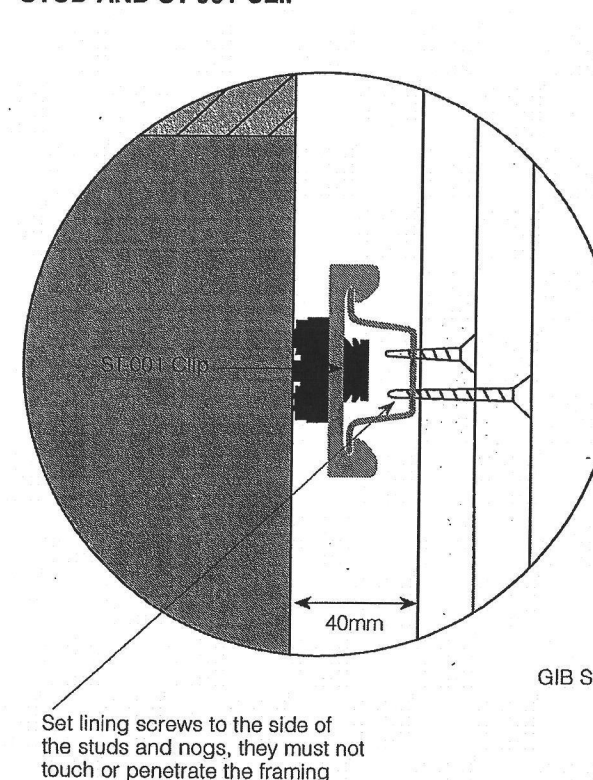
GIB Rail® and Resilient Mount – Installation Details

MARCH 2006

STUD AND RESILIENT RAIL



STUD AND ST-001 CLIP



GIB® NOISE CONTROL SYSTEMS

60

FOR FURTHER INFORMATION VISIT WWW.GIB.CO.NZ

FIRE RATED WALL SYSTEMS – SECTION 2.1

FIRECELL ROOF

Timber Frame
(30)/30/30
LB/NLB

Two Way FRR – Timber Frame JANUARY 2006

SPECIFICATION NUMBER	LOADBEARING CAPACITY	FIRE RESISTANCE RATING	LINING REQUIREMENTS	SOUND TRANSMISSION CLASS	SYSTEM WEIGHT APPROX
GBT 30b	NLB	-/30/30	1 x 13mm GIB® Standard each side	STC 36	26kg/m²
GBTL 30b	LB	30/30/30			

FRAMING

GBT30b Non Loadbearing and GBTL30b Loadbearing

Framing to comply with,

- NZBC B1 – Structure: AS1 Clause 3 – Timber (NZS 3604) or VM1 Clause 6 – Timber (NZS 3603)
- NZBC B2 – Durability: AS1 Clause 3.2 – Timber (NZS 3602).
- Studs at 600mm centres maximum.
- Nogs at 800mm centres maximum for Vertical fixing.
- Nogs at 1200mm centres for Horizontal fixing.

WALL HEIGHTS AND FRAMING DIMENSIONS

GBT30b Non Loadbearing – Framing dimensions and height as determined by NZS 3604 stud tables for non loadbearing partitions.

GBTL30b Loadbearing – Framing dimensions and height as determined by NZS 3604 stud and top plate tables for loadbearing walls.

LINING

1 layer of 13mm GIB® Standard Plasterboard each side of the frame.

Vertical or Horizontal fixing permitted.

Sheets shall be touch fitted.

When fixing vertically, full height sheets shall be used where possible.

All sheet joints must be formed over solid timber framing.

FASTENING THE LINING

Fasteners

41mm x 6g GIB® Grabber® High Thread Drywall Screws or 40mm x 2.8mm GIB® Nails.

Fastener Centres

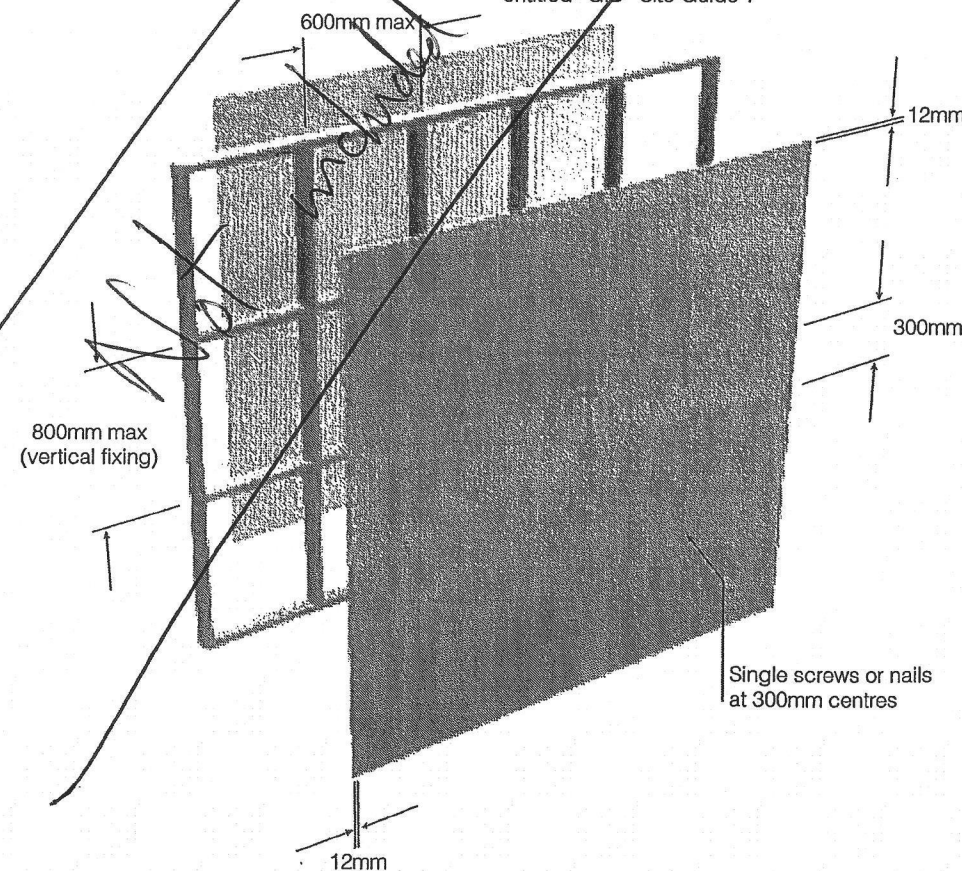
300mm centres around the sheet perimeter.

Place fasteners 12mm from sheet edge.

Single screws or nails at 300mm centres to intermediate studs.

JOINTING

All fastener heads stopped and all sheet joints tape reinforced and stopped in accordance with the publication entitled "GIB® Site Guide".



In order for GIB® systems to perform as tested, all components must be installed exactly as prescribed. Substituting components produces an entirely different system and may seriously compromise performance. Follow system specifications.

BC 120488 0009

FIRE RATED WALL SYSTEMS – SECTION 2.3

300 WALL E/END

Timber or Steel Frame
(90)/90/90
LB/NLB

Universal Walls – One Way FRR – Timber or Steel Frame JANUARY 2006

SPECIFICATION NUMBER	LOADBEARING CAPACITY	FIRE RESISTANCE RATING	LINING REQUIREMENTS
GBUW 90	LB/NLB	(90)/90/90	1 x 16mm GIB Fyrelite® + 1 x 19mm GIB Fyrelite® one side

FRAMING AND WALL HEIGHT

Timber or steel frame designed to meet durability and structural criteria for strength and serviceability under dead and live loads.

The stud width shall be 35mm minimum with a depth of 90mm minimum.

Stud spacing at 600mm centres maximum.

Frame height and dimensions as determined by NZS 3604 stud tables or specific design.

LINING (FIRE SIDE)

1 layer of 16mm GIB Fyrelite® plus one layer of 19mm GIB Fyrelite® to one side of the frame.

Full height sheets shall be used where possible.

Sheets shall be touch fitted.

Offset joints in double layered systems by 600mm.

When sheet end butt joints are unavoidable, they shall be formed over nogs.

All sheet joints must be formed over framing.

In steel framed options, linings are fixed hard to floor.

FASTENING THE LINING

Fasteners

LAYER	TIMBER FRAME	STEEL FRAME
Inner layer (16mm GIB Fyrelite®)	32mm x 6g GIB® Grabber® High Thread Drywall Screws or 40mm x 2.8mm GIB® Nails	32mm x 6g GIB® Grabber® Drywall Self Tapping Screws
Outer layer (19mm GIB Fyrelite®)	51mm x 7g screws as above	51mm x 7g screws as above

Fastener Centres

INNER LAYER: 600mm centres up each stud.

OUTER LAYER: 300mm centres up each stud.

Place fasteners 12mm from sheet edges.

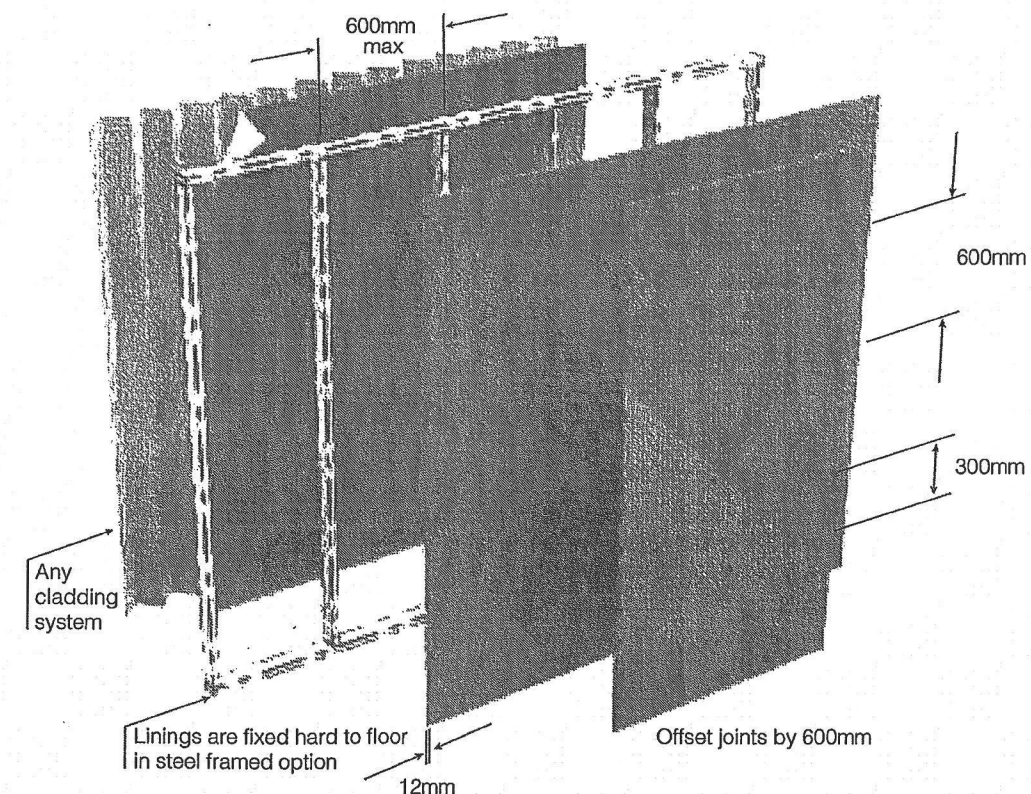
23 AUG 2012

BY:

JOINTING

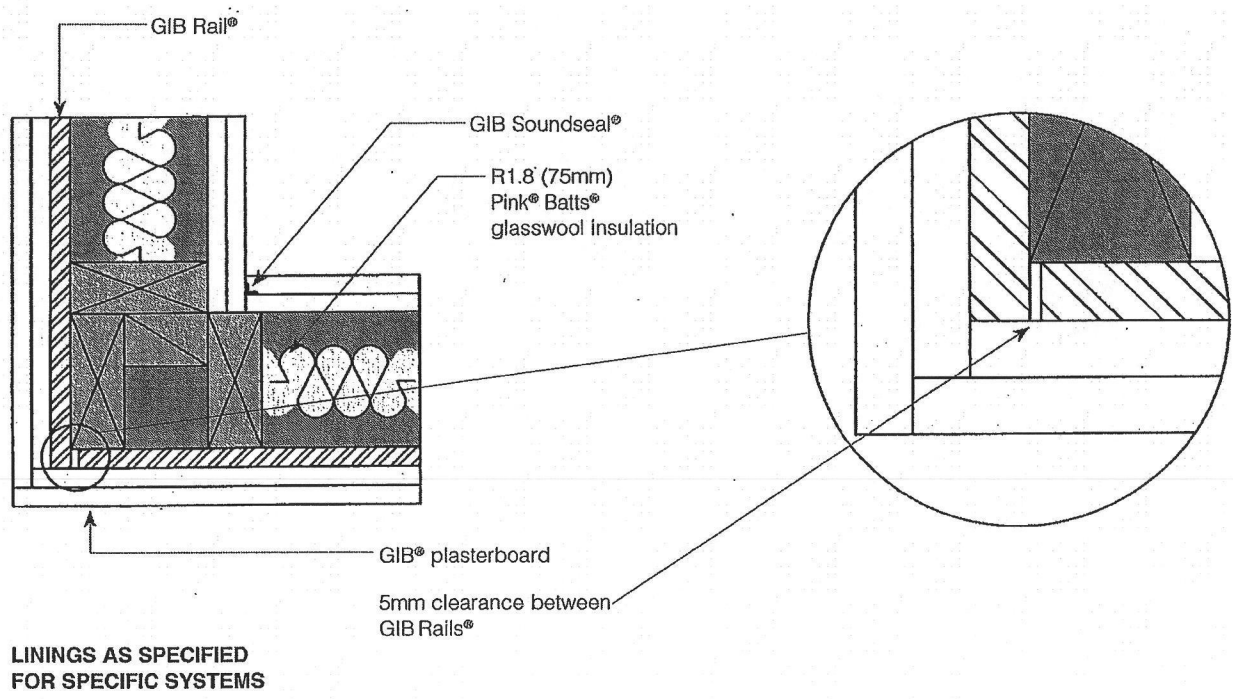
INNER LAYER: Unstopped

OUTER LAYER: All screw heads stopped and all sheet joints tape reinforced and stopped in accordance with the publication entitled "GIB® Site Guide".

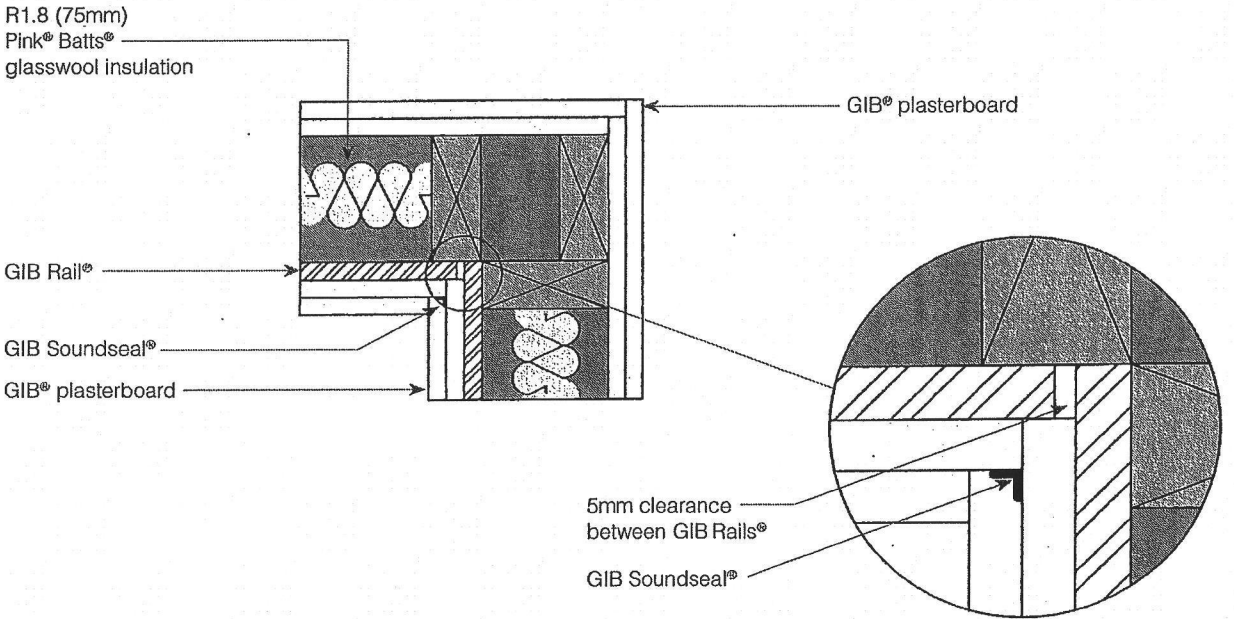


In order for GIB® systems to perform as tested, all components must be installed exactly as prescribed. Substituting components produces an entirely different system and may seriously compromise performance. Follow system specifications.

Single Timber Frame/GIB Rail® – External Corner

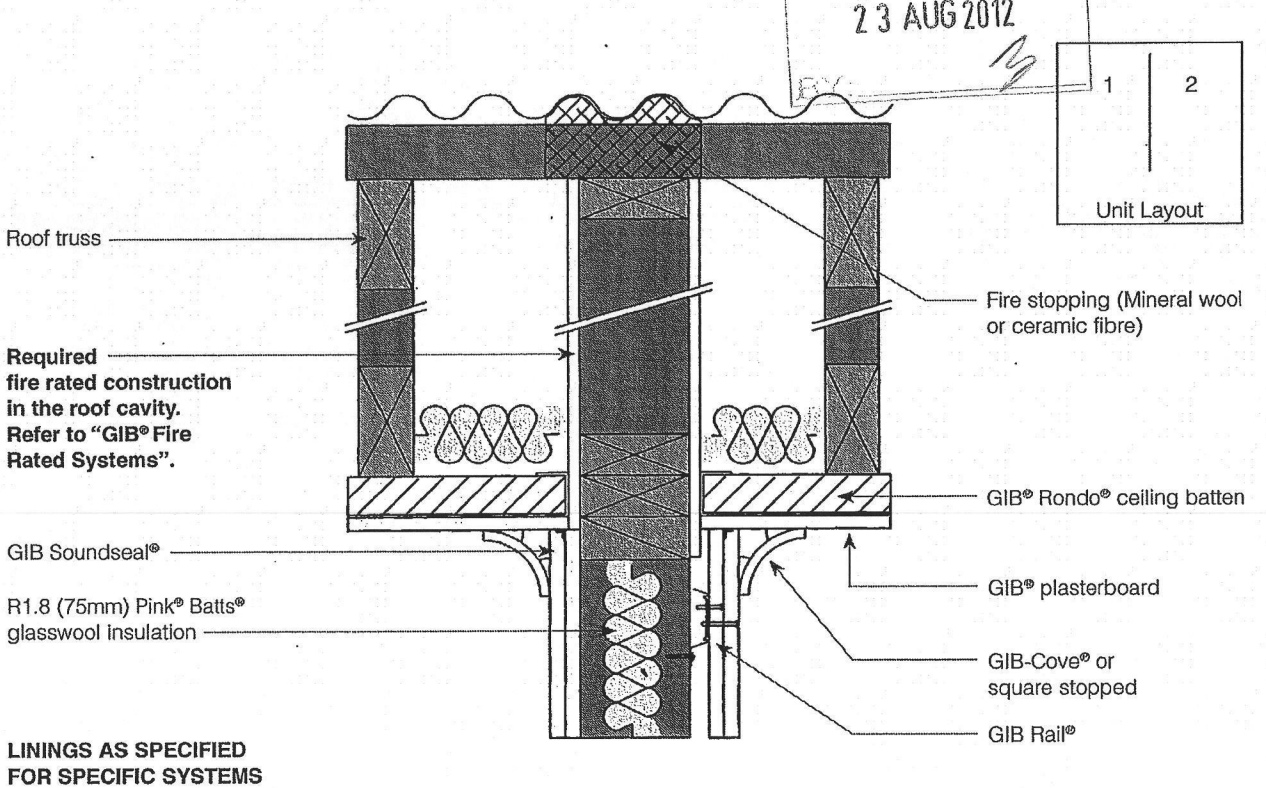


Single Timber Frame/GIB Rail® – Internal Corner

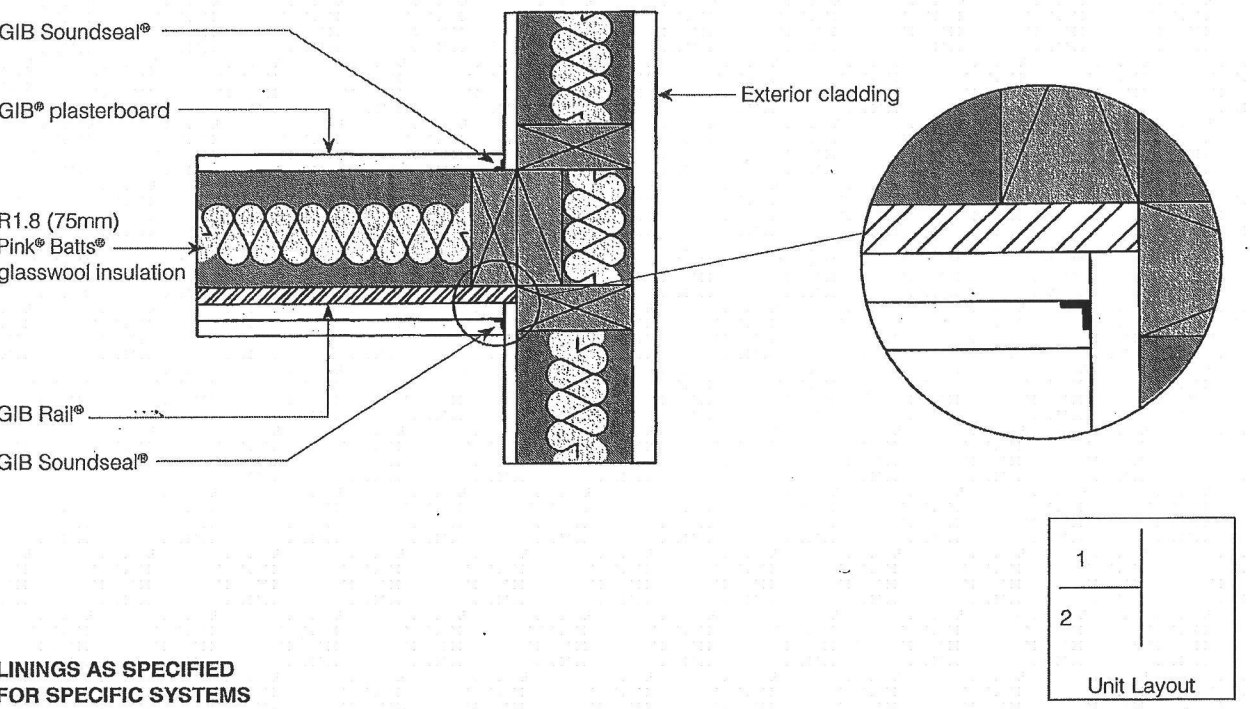


LININGS AS SPECIFIED FOR SPECIFIC SYSTEMS

Fire Rated Wall to Roof Cavity Detail – Single Frame



Junction: Single Timber Frame (GIB Rail®) to External Wall



LININGS AS SPECIFIED FOR SPECIFIC SYSTEMS