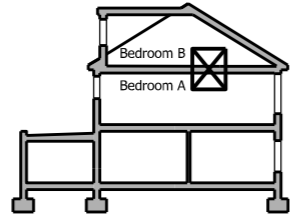


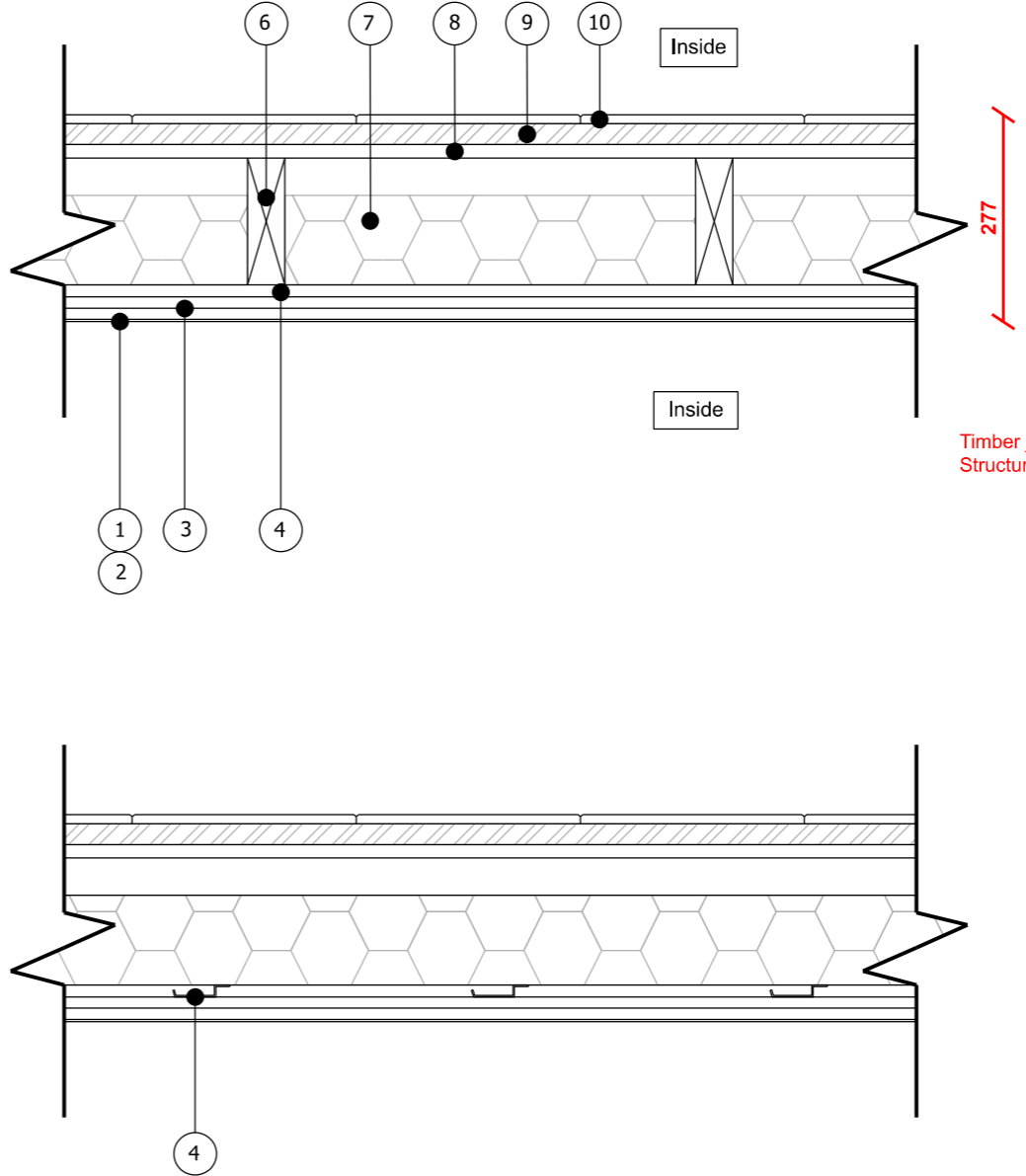
<b>F05</b>	<b>New timber floor - Resilient Bars</b>		
Detail performance	Units	Minimum requirement	Modelled
Airborne Sound Insulation	dB Rw+Ctr	Change of use	43
		New Build	n/a
Impact Sound Insulation	dB LnTw	Change of use	64
		New Build	n/a
Thermal Performance	U-value (W/m2K)	n/a	n/a
Fire Resistance		n/a	n/a



\* Model to be confirmed by Acoustic Consultant

	Materials Description	Size	Manufacturer	Product Reference
1	Matt paint finish	n/a	Dulux or acceptable equivalent	Dulux Trade Vinyl Matt
2	Skim coat plaster	2 mm	British Gypsum or acceptable equivalent	Thistle BoardFinish
3	Double plasterboard layer	12.5 mm x 2	British Gypsum or acceptable equivalent	Gyproc SoundBloc 12.5mm
4	Resilient bars	16 mm	British Gypsum or acceptable equivalent	Gypframe RB1 Resilient Bars
5	Clear Floor Void	12.5mm	n/a	n/a
6	Timber joists, as per SE specifications	TBC	The Timber Group or acceptable equivalent	KD Planer Reg'd, treated C24 Softwood
7	Acoustic insulation	120mm	Rockwool or acceptable equivalent	RWA 45 ( 45 kg/m3 )
8	T&G floor grade chipboard	18mm	The Timber Group or acceptable equivalent	T&G Moisture Resistant Chipboard Flooring
9	Acoustic Floor	28mm	Collecta or acceptable equivalent	DECKfon 17T
10	Floor finish	TBC	TBC	TBC

Additional Notes & Specifications	
1	<p><b>Description</b> : Water based emulsion paint to plastered surfaces.  <b>Preparation</b> : Thoroughly clean down the surfaces to remove all dirt, grease and surface contaminants and allow to dry.  <b>Composition</b> : Acrylic copolymer.  <b>Sheen</b> : Matt.  <b>Colour</b> : Refer to the Design Drawings.</p>
2	<p><b>Description</b> : Skim coat plaster.  <b>Preparation</b> : Complete 1st and 2nd coat, total thickness for both coats should be a minimum of 2mm. Final trowel to a matt finish (lubricated with minimal water).  <b>Composition</b> : Retarded hemihydrate, pre-mixed gypsum plaster.  <b>Sheen</b> : n/a  <b>Colour</b> : n/a</p>
3	<p><b>Description</b> : Double plasterboard layer.  <b>Preparation</b> : To be installed as per manufacturer's specifications.  <b>Composition</b> : Gypsum core between paper liners.  <b>Sheen</b> : n/a  <b>Colour</b> : n/a</p>
4	<p><b>Description</b> : Resilient bars  <b>Preparation</b> : To be installed perpendicular to timber joists, as per White Book guidance.  <b>Composition</b> : Steel  <b>Sheen</b> : n/a  <b>Colour</b> : n/a</p>
6	<p><b>Description</b> : Timber joists, as per Structural Engineer's specifications  <b>Preparation</b> :  <b>Composition</b> : Timber.  <b>Sheen</b> : n/a  <b>Colour</b> : n/a</p>
7	<p><b>Description</b> : Rock wool insulation slabs.  <b>Preparation</b> : Metal steel frame or wooden stud wall to be built and filled with insulation slabs.  <b>Composition</b> : Mineral wool.  <b>Sheen</b> : n/a  <b>Colour</b> : n/a</p>
8	<p><b>Description</b> : T&amp;G moisture resistant floor grade chipboard  <b>Preparation</b> : To be installed in accordance with manufacturer's details.  <b>Composition</b> : Chipboard  <b>Sheen</b> : n/a  <b>Colour</b> : n/a</p>
9	<p><b>Description</b> : Composite high density acoustic overlay treatment, featuring interlocking edges for installation convenience.  <b>Preparation</b> : To be installed in accordance with manufacturer's details.  <b>Composition</b> : Composite.  <b>Sheen</b> : n/a  <b>Colour</b> : n/a</p>
10	<p><b>Description</b> : Floor finish as agreed with client  <b>Preparation</b> : To be installed in accordance with manufacturer's details.  <b>Composition</b> : To be confirmed  <b>Sheen</b> : n/a  <b>Colour</b> : n/a</p>



Timber joists dimensions as per Structural Engineer's specifications.

Refer to planning drawings for proposed materials and any applicable planning conditions. Similar performance products may be used. Subject to BCO approval. Contractor to follow manufacturer's instructions and recommendation.

Required airborne and impact sound insulation is according to Building Regulations Approved Document E (2013).

F05 New timber floor - Resilient bars  
1:10@A3

- This drawing remains copyright of Windsor & Patania Architects and may not be reproduced or copied without consent in writing.
- Print out to actual scale. Do not scale drawing use figured dimensions only. All dimensions to be cross-checked on-site by the appointed contractor prior to manufacture and construction
- Any discrepancies between site and drawings to be reported to the Windsor & Patania Architects immediately.
- Read in conjunction with all relevant drawings and documentation produced by other consultants
- All structural elements to be agreed with local authority Building Control prior to commencement of works.
- Attention is drawn to the provisions of the party wall act 1996. Legal boundaries should be determined by others.
- All suggested demolition works to be reviewed by a Structural Engineer and to be assessed on site prior to demolition.
- All areas are approximate and are to be used for indicative purposes only. Areas don't take into account possible variations related to the impact of Site Conditions, Structure, Drainage and M&E.
- Windsor & Patania Architects accepts no liability for any expense, loss or damage of whatsoever nature and however arising from any variation made to this drawing or in the execution of the work to which relates which has not been referred to them and their approval obtained.
- Contractors to be responsible for the design and supply of all temporary works ( i.e. bracing, propping, showing, tying, etc ) and the security, stability, and safety of the building works.

**DRAFT-03**

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Drawing title  
**CONSTRUCTION DETAIL**

date  
SEPTEMBER 2023

drawing number  
**F05**

scale  
sheet no.