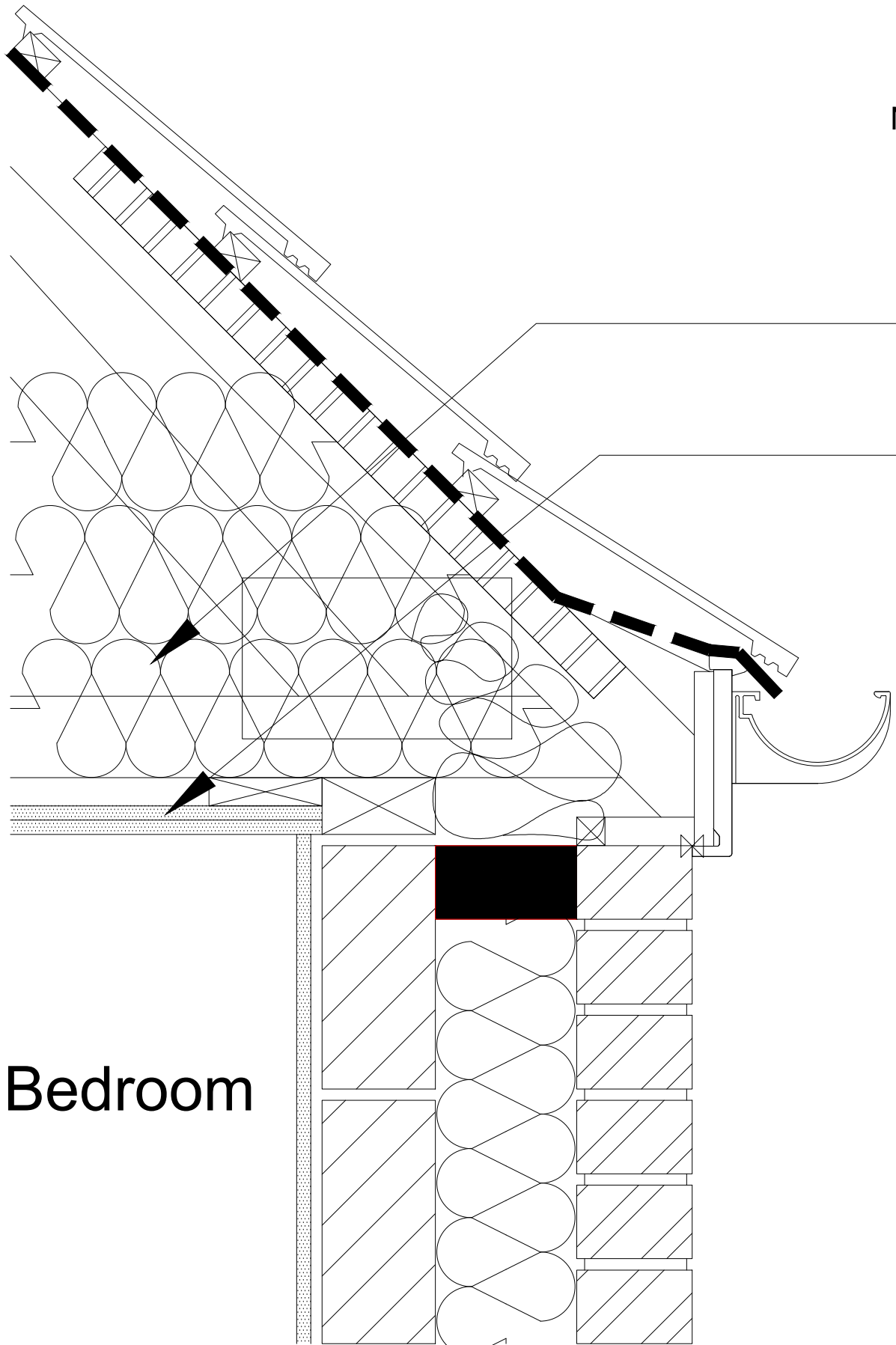




Location Plan



Bedroom

Section Through
Top Floor Bedroom

Acoustic Performance

Glazing Configuration

8.76mm (44.2) LamiGlass Sound Reduction
14mm Cavity
6mm Float Glass

Sound Reduction Indices

Frequency, Hz / dB						Rw	C	Ctr	OITC	STC
125	250	500	1000	2000	4000					
26	30	38	47	45	57	41	-2	-6	32	41

Disclaimer: The acoustic performance data provided in the reports is based on a test protocol or an estimation and may be used if user actual glazing is identical to input data described herein. Acoustic performance data herein is only applicable for glazing dimensions 1.23m x 1.40m (as per testing standard). Estimation of acoustic performance is based on component-similarity assumptions which are derived from measured data and interpolation to expand the database of values from test protocols. Due to inherent variations in acoustic performance when testing in accordance with EN ISO 10140-3/EN ISO 10140-2, some variation in the calculated performance can also be expected. As such, the weighted performance, Rw, and adaptation terms, C and Ctr, should typically be considered to be accurate within ±2 dB. However, wider deviations can occur. Actual performance may vary according to the glazing dimensions, frame system, noise sources and many other parameters. The acoustic performance data herein should not be used as a substitute for tests of actual glazing. For more information please consult Assumptions and Terminology section in Guardian Acoustic Assistant.

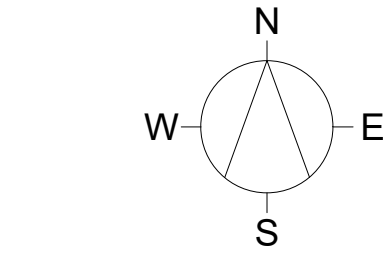
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Window manufacturers
specification sheet

N.B. Penetrations such as electrical feed to ceiling rose to all bedrooms to be kept to a minimum. Downlighters to be avoided where possible.

Mineral wool insulation to be laid above ceiling chord

Two layers of plasterboard to be fixed to 25mm x 38mm timber battens secure to ceiling chord



Acoustic trickle vents to be EHA2 Humidity Acoustic Air Inlet + sleeve 5-35 m3/h & AEABS1 Acoustic Canopy with insect Grille or similar approved. Refer to window manufacturers details for installation and performance criteria.

Top floor ceilings will need to be double boarded, with limited penetration for electric feed to ceiling rose (no recessed downlighting) to any top floor bedrooms.

Glazing to be 8.76mm LamiGlass Sound Reduction - 14mm Cavity - 6mm Float Glass - refer to manufacturers details for full specification.

Indicates dwellings to be built to 2013 building regulations

Acoustic Performance

Glazing Configuration

8.76mm (44.2) LamiGlass Sound Reduction
14mm Cavity
6mm Float Glass

Sound Reduction Indices

Frequency, Hz / dB						Rw	C	Ctr	OITC	STC
125	250	500	1000	2000	4000					
26	30	38	47	45	57	41	-2	-6	32	41

Disclaimer: The acoustic performance data provided in the reports is based on a test protocol or an estimation and may be used if user actual glazing is identical to input data described herein. Acoustic performance data herein is only applicable for glazing dimensions 1.23m x 1.40m (as per testing standard). Estimation of acoustic performance is based on component-similarity assumptions which are derived from measured data and interpolation to expand the database of values from test protocols. Due to inherent variations in acoustic performance when testing in accordance with EN ISO 10140-3/EN ISO 10140-2, some variation in the calculated performance can also be expected. As such, the weighted performance, Rw, and adaptation terms, C and Ctr, should typically be considered to be accurate within ±2 dB. However, wider deviations can occur. Actual performance may vary according to the glazing dimensions, frame system, noise sources and many other parameters. The acoustic performance data herein should not be used as a substitute for tests of actual glazing. For more information please consult Assumptions and Terminology section in Guardian Acoustic Assistant.

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Acoustic trickle ventilation
manufacturers specification sheet

Rev	Description	Drawn	Date
A	Plots Highlighted within 2013 Part L Regulations	APM	04.07.23

Miller Homes Limited - North West Region
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Project Title
Former Manchester College
Moss Hey Drive
Northenden

Drawing Title
Noise Mitigation Plan
Plots 184-197
2013 Building Regulations

Scale	Drawn By	Checked By	Authorised By
NTS	MH	MH	MH
	Date 17.11.22	Date 17.11.22	Date 17.11.22
Job No.	Drawing No.	Revision	
	2131/NMP/01	A	

Original Sheet Size A1 Do Not Scale From This Drawing