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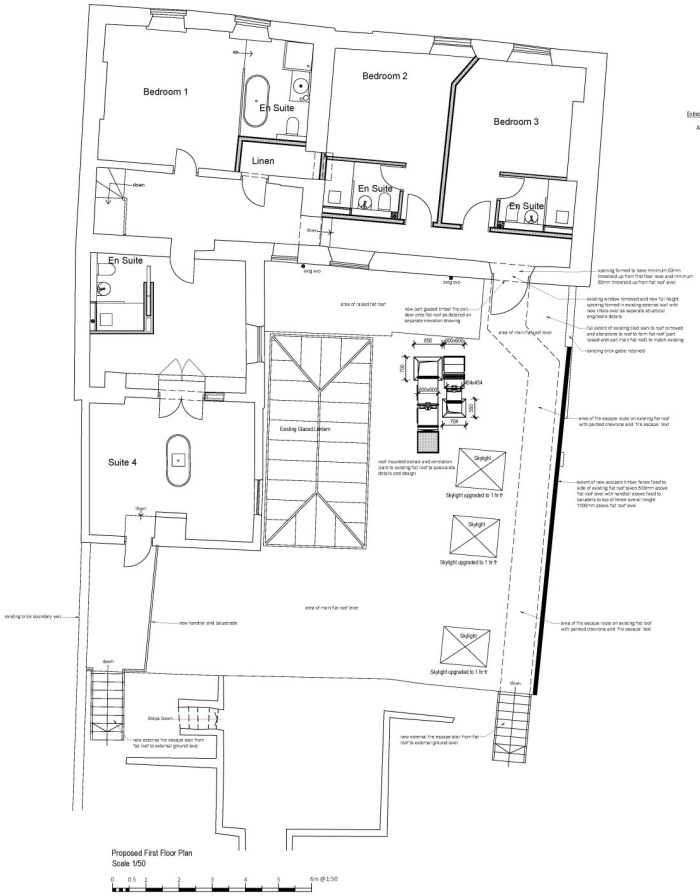
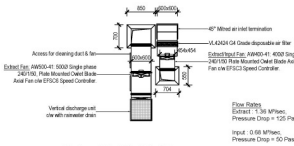


Proposed First Floor Plan
Scale 1/50

0 0.5 1 2 3 4 5 6m @1:50



Flow Rates
Extract : 1.36 M³/sec.
Pressure Drop = 125 Pascals

Input : 0.68 M³/sec.
Pressure Drop = 50 Pascals

Fan Details

Extract Fan:
Plate Mounted Axial Fan:
AW 5004/1
Controller: EFSC6
Power: 0.73 KW 240/1/50
FLC: 3.20 Amp
SC: 13.2 Amps
Noise level: 51 dbA @ 3m

Supply Fan:
Plate Mounted Axial Fan:
AW 4004/1
Controller: EFSC3
Power: 0.26 KW 240/1/50
FLC: 1.15 Amp
SC: 4.20 Amps
Noise level: 46 dbA @ 3m

Roof Layout Plan Extract / Ventilation
Scale 1/50

0 0.5 1 2 3 4 5 6m @1:50

ACOUSTIC FENCE DETAIL

Fence panel that provides noise reduction performance. Reduces unwanted noise by as much as 30 decibels (dB).

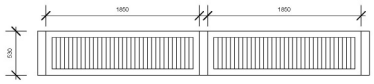
Smooth planed timber is Pressure Treated for a longer life. Panels to be mounted with boards running vertically. For optimum acoustic performance use with slotted posts or screw directly onto wooden posts to ensure no gaps.

Independently laboratory tested to BS EN ISO 10140-2 and ISO 717-1, achieving BS EN 1793-2:2012 Category B3 noise reduction.

Pressure Treated timber with 15 year Anti-Rot guarantee. Manufactured from FSC certified timber from sustainable sources.

profiled tongue and groove construction pre formed panels to be fixed to 100mm 100mm treated timber posts set within ground using 60x60mm x 600mm deep 1:6 concrete.

Sound dissipates with panel.
Sound breaks up on irregular surface.
Sound bounces off the surface.



Typical Acoustic Timber Paneled Fence Detail
Scale 1/20

0 500 1000 2000 m m @1:20

REVISIONS

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CLIENT:
Laidback Lucas

LOCATION:
The Bay Horse Inn, Main Street,
Terrington, Malton, YO60 6PP

PROJECT:
BUILDING RENNOVATION

DRAWING TITLE:
PROPOSED FIRST FLOOR PLAN

DATE: May 2021
SCALE: 1:20, 50 @A1

DRAWING N°:
256-01-09