KEY

- E Existing extract fan
- (\mathbf{S}) Existing wall vent/ (C) Existing chimney vent
- **(S**) Existing supply vent for combustion
- Existing wall vent to be blocked (S)
- T Existing trickle vent
- Existing trickle vent for combustion **(T**
- Existing trickle vent to be blocked
- Existing door undercut
- Proposed new extract fan **(E)**
- Proposed new supply vent with RH control (\mathbf{S})
- (\mathbf{S}) Proposed new supply vent for combustion
- (W) New window/ DDoor with trickle vent with RH control
- Replaced extract fan / (C) Replace chimney vent (\mathbf{E})
- **(E)** Replaced fan to provide extract + purge ventilation
- (T) Unblocked/retrofit trickle vent with RH control
- (U) Required undercut
- (\mathbf{M}) Mould growth evidence
- (**C**) Condensation evidence
- (D) Damp evidence

Is the existing ventilation suitable? [1]	No		
Evidende of mould/condensation growth in the dwelling ^[1]	Yes		
Existing EEM since the original dwelling ^[4]	0 Minor + 0 Major		
Proposed EEM [4]	2 Minor + 1 Major		
Category as per Part F - Diagram 3.1	В		
Existing air permeability ^[2]	19.35 m3/(h.m2)		
Will the proposed measures affect the air permeability? [3]	Yes		
Does the air permeability need to be re-tested after EEM?	Yes		
Number of bedrooms & maximum occupancy **	cupancy ** 1DB (2people)		
Current occupancy [1]	1 person***		
Suggested ventilation systems [5]	IEV/MEV*		

*Tenant has learning difficulties nd will need assistance.

* Indicative floor plans are based on dMEV strategy.

Ventilation rates to be compliant with current Part F and regulatory requirements **DB should have 11.5sq m and SB should have 7.5sq m to meet Technical Housing

Standard publish on 27 March 2017

EEM proposed ^[7]:

1) CWI

2) Double glazing

3) Draught proofing

replaced.

CWI: Fill cavity in "Extension 1". Double glazing: 5 of 5 windows to be 100% Draught proofing.

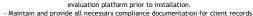
Site notes^[6]:

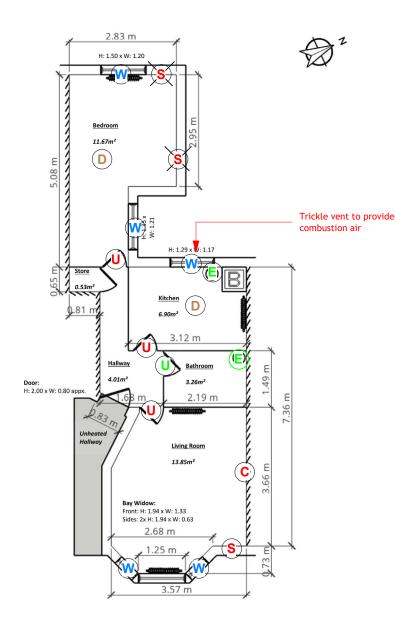
Existing EEM:

Low energy lighting New central heating system

 This indicative design is to provide you with information prior to your det
design and does not instruct choosing certain materials or te
- It is within your responsibility to produce a compliant detailed design
specifications and deliver the works.
- The solutions need to be in full compliance with Building Regulations, Fire S
- Special attention to adhere to Building Regulations Part E for acoustic perfo
system changes are required.
- Your design, as a whole, needs to lead to the necessary levels of performance
within the retrofit assessment documentation provided to
- Prioritise sustainable practices and materials for eco-friendliness where ap
- Coordinate MEP systems to ensure compatibility with the retrofit design.
impact of increased airtightness.
- Confirm achieved airtightness with actual measurement. Validate ventilatio
deliver and comply with all relevant standards and regul
 Follow PAS 2035 and 2030 standards for best practic
 Electricians and delivery partners need qualifications, safety certificate
regulatory requirements.
 Provide as-built drawings, certificates, and handover technical manuals
instructions to the client.
 All final ventilation proposal must be approved by the retrofit coordinator
and a state of the

Disclaimer notes





tailed technical audit and echnologies. n, including plans and

Safety, and HSE Regulatior ormance (ventilation) whe

nce improvement as detaile to you. ppropriate and applicable. Special attention to the

ion system choice capacity t ations.

ices. tes, and insurance as per

along with maintenance

r/client approved PAS2035

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- This ventilation strategy shall be read in conjunction with the rest of the retrofit assessment and design documents; [1] Refer to retrofit assessment and site notes, [2] Refer to existing air tightness test, [3] Refer to IOE & MTIP [4] Measures assessed as per Part F - Table 3.1
 [5] MEV shall be used if a design air permeability is below 5 m³/(h.m²) at 50Pa or an as-built air permeability is below 3 m³/(h.m²) at 50P

[6] Pre-Design Survey plan
 [7] Performance specification

Proposed EEM updated 07.06.2024 following client request Ventilation strategy reviewed 26.02.2024 P03 P02 P01 First issue to PASHub 15.01.2024 09.01.2024 Issued for internal review Rev Rev Description Rev Date Issued by Issued to CS LF JS

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Client ISHA

Project Innisfree

Drawing Title 43B Lowfield Road Ventilation strategy Sheet 1

SUSTAINABILITY

Drawing / Document Reference							Status
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