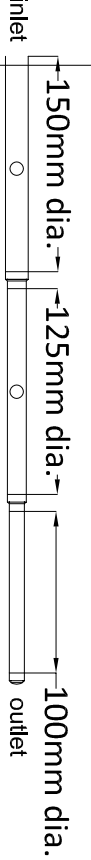


AIR FLOW RATES

1.00 Natural ventilation to all habitable rooms to be minimum 3% floor area via existing windows. Augmented by mechanical ventilation to provide 20m3 per hour per living and bedrooms.
2.00 All windows to have free area trickle ventilators of 8,000mm2 to habitable rooms and 4,000mm2 to bathrooms and toilets.

3.00 Bathroom doors to be underlaid 10mm, and to have Ventalata or similar mechanical extract to provide 15 l/sec with minimum 10mm overrun. Kitchen and Utility to have 2 speed extract to provide 30 l/sec. with 10 min. overrun.



4.00 Low velocity air flow.
5.00 Each room to have independent controls.

Flush mounted wall extract fan as existing or proposed indicated on plan.

Helios HV250 220 litres/sec.
Twin shutter to allow reverse air flow. Unit to come with electronic reverse variable speed controller

150mm dia. extract duct terminating with air brick.

Extract fans as Helios M1/100P intermittent running to operate from PIR sensor

Bathrooms and ensuite-15l/s

Sanitary accommodation - 6l/s

3 minute run on timer.

Zone 1 use classification.

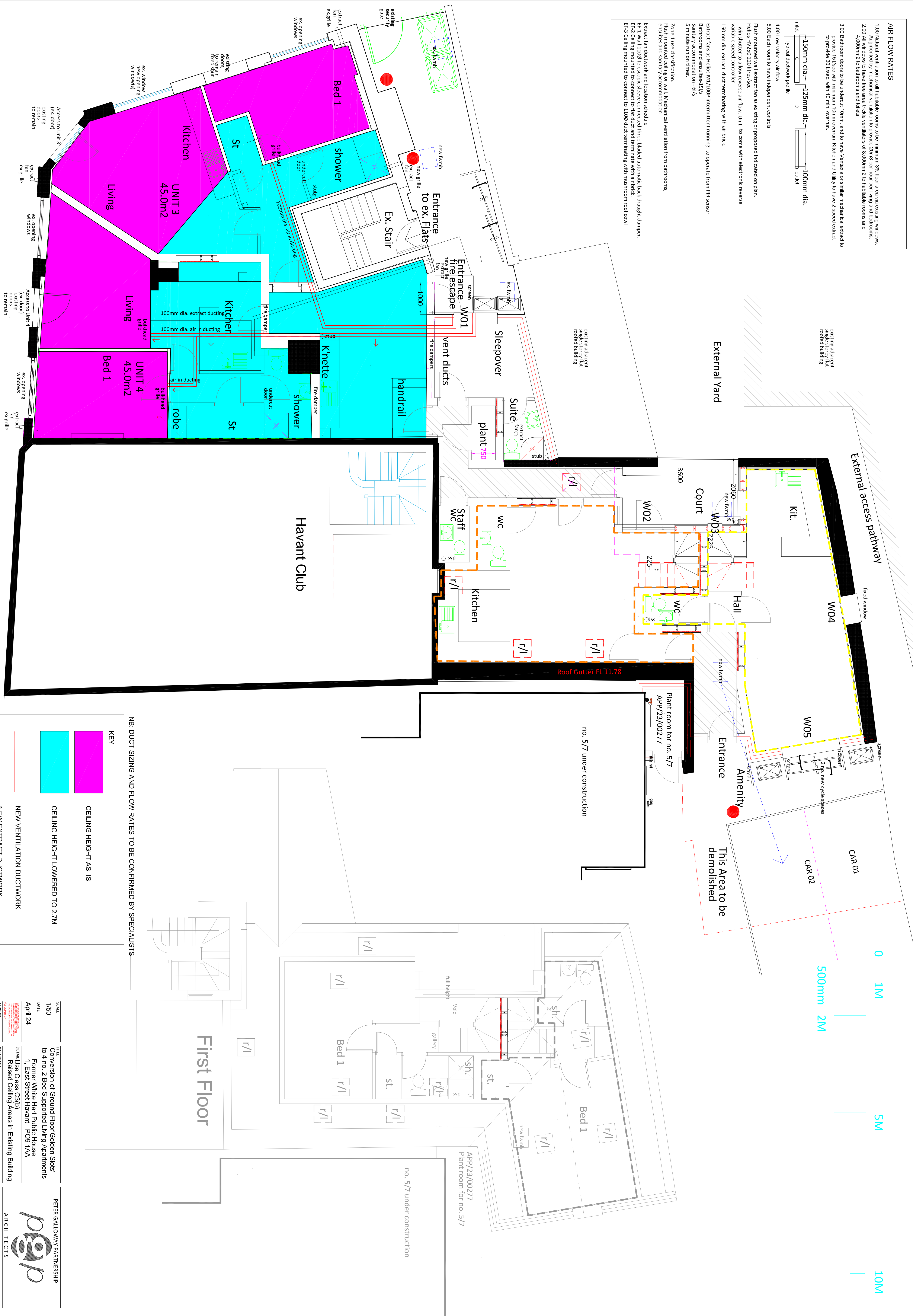
Fans to be ceiling or wall.

Extract fan ductwork and location schedule

EF-1 Wall 1100 telescopic sleeve connected three bladed automatic back draught damper.

EF-2 Ceiling mounted to connect to flat duct and terminate with air brick.

EF-3 Ceiling mounted to connect to 1100 duct terminating with mushroom roof cowl



GROUND FLOOR PLAN

KEY

CEILING HEIGHT AS IS

CEILING HEIGHT LOWERED TO 2.7M

NEW VENTILATION DUCTWORK

NEW EXTRACT DUCTWORK

NB: DUCT SIZING AND FLOW RATES TO BE CONFIRMED BY SPECIALISTS

SCALE

1/50

DATE

April 24

AUTHOR

PG

TITLE

Conversion of Ground Floor Golden Slops to 4 no. 2 Bed Supported Living Apartments

Former White Hart Public House

1, East Street Havant - PO9 1AA

DETAIL Use Class C3(b)

Raised Ceiling Areas in Existing Building

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