

eaves ventilati

En \$uite

Bedroom

Hall

Bathroom

Front Elevation 1:50

Breakfast/Dining

ALARM to BS 5446: Part 2: 2003

STANDARD 3.14.2

CO2 MONITORING

STANDARD 3.20.20

EQUIPMENT to

SYSTEM to BS EN 50291 -1:2010 **VENTILATION AWARENESS IN DWELLINGS** 

EVERY SPACE CONTAINING A FIXED

COMBUSTION APPLIANCE - BOILER INCLUDING EXTENDED FLUES

PRINCIPAL BEDROOM

CARBON MONOXIDE DETECTION

Bothwell House

Hamilton Business Park

and risers, pine stringers, newels and balusters.

Minimum going 227.6mm 

• Maximum rise 204mm

Handrail to be 840mm above pitch line on one side only and to comply with BS 6180: 1999 Protective barriers to stairs and any Upper Floor French Doors to be minimum 1100mm high and comply with BS EN

1991-1-1 and PD 6688-1-1. Barrier will be designed & constructed so

that it cannot be easily climbed by young children. A maximum spacing of 99mm between balusters. A minimum of 2000mm clear headroom

over pitch line. Stairs with a winder section require a continuous

handrail to the outer portion of the stair. The effective width of the stair between handrails should be min 900mm.

Conservation of fuel and power - All buildings to comply with Parts 6.0/6.1/6.2/6.3/6.4/6.7/6.8 of the Scottish Building Standards, & current Building [Scotland] Regulations and due consideration given to be

compliant with Directive 2010/31 EU. Ensure all gaps between dry linings, window ingoes, door openings, ceilings and floor joints to be

sealed. Service penetrations and radiator pipes properly sealed. Draught seals fitted to windows, external doors and loft hatches.

Thermostatic radiator valves fitted to all radiators. Heating system controlled with ACL TEMPUS 2 electronic time switch and room stat.

Heating pipes for supply of hot water to be suitably insulated against

Energy Performance Certificate to be provided to Local Authority on

completion of works. A copy of the EPC will be displayed on/at the boiler of each property.

Reference should be made to the Domestic Building Standards

Compliance Guide for Scotland 2015 Edition to provide guidance on compliance with Building Regulations, namely standards 6.3 to 6.7 as

set out in Section 6 (energy) of the 2015 Domestic Technical

36. Provide a start guide for clients to all houses as per standard 6.8.2

37. Noise and Air Tests to be carried out to the satisfaction of the relevant

limiting water temperature to 48°C.

confirmed by roofing contractor.

2500mm² to Apartments

en-suite off a bedroom.

Kitchen 6 litres/sec with 13 litres/sec boost

Utility room 4 litres/sec with 8 litres/sec boost

 Bathroom 4 litres/sec with 8 litres/sec boost Toilet 3 litres/sec with 6 litres/sec boost

Interstitial condensation:- All walls, roofs and floors to comply with Part 3.15.1/3.15.3 of the Scottish Building Standards and comply with current Building [Scotland] Regulations and Appendix D and Clauses 9.1 to 9.5.5.2 of BS 5250:2011 + A1:2016. Eaves ventilation provided

at the equivalent to a continuous 10mm gap. Where roof pitch exceeds 35° or the span exceeds 10m ridge ventilation to be provided

equivalent to a continuous 5mm gap. All lean to roofs with accommodation below to be provided with abutment ventilation

equivalent to a continuous 5mm gap where roof abuts main house wall. Where Tile Vents are used, Number of vents required to be

If Trickle ventilation is ducted the above amounts should be doubled

In Wet areas fitted with a dMEV, Trickle ventilators are not required. The door to the wet room should be "undercut" by 20mm. This air space should be clear of the actual or notional floor covering.

Ventilation via an undercut door to provide the required background

All Mechanical Ventilation to comply with current Building [Scotland] Regulations, Part 3.14.11 of the Scotlish Building Standards, and the C.I.B.S.E. Regulations 1986.

ventilation to the area that the wet room is accessed from, e.g. an

Where the infiltration rate is <u>not less</u> than 3m3/hr/m2 @ 50 Pa, Decentralised Mechanical Extract Ventilation (dMEV) units should be

installed in rooms where there is likely to be high humidity such as Kitchens, Bathrooms and Shower Rooms. dMEV should be designed,

installed and commissioned to provide minimum continuous extractior rates in accordance with the following:-

Ventilation:- All window trickle ventilators to provide not less than:-

ML3 0QA

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STANDARD HOUSE TYPES (2015 BUILDING REGULATIONS) TIMBER KIT - ENHANCED SPEC.

**BURGESS** 

4 BED DETACHED 1615 SQ. FT. JAN '17

1:50 / 1:100 BURGESS (2015) (EN) T-KIT-001