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| 20 | All Mechanical Ventilation to comply with current Building (Scotland) Regulations and the Scottish Planning Standards, and the C.I.B.S.E. Regulations. |
| | Where the infiltration rate is <u>not</u> less than $3\text{m}^3/\text{m}^2/\text{h}$ @ 50 Pa (measured at 50 Pa) the ventilation system shall be installed in rooms where there is likely to be high humidity such as bathrooms, showers, and laundry rooms. The ventilation system shall be installed and commissioned to provide minimum continuous extraction rates in accordance with the following: |
| | <ul style="list-style-type: none"> • Kitchen 4 litres/sec with 8 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 8 litres/sec boost |
| 21 | <p>Comply with the requirements of Heating Controls to be as specified in SAP 10/21 calculations. Radiators to have and panels and thermostats to be installed in accordance with the requirements of the system to comply with Part 3.17.8 of the Scottish Building Standards (Energy Efficiency) and the requirements of the Gas Appliances (Safety Regulations) 1995 and the Gas Safety (Installations and Use) Regulations 1998. A duration of 15 minutes and an accuracy of $\pm 1^\circ\text{C}$ in accordance with Part 3.17.7 of the Scottish Building Standards. The gas appliances to be installed in accordance with the requirements of the Gas Appliances (Safety Regulations) 1995. Condensate from condensing boilers to be plumbed to the outside of the building. The gas appliances to be installed in accordance with the requirements of the Gas Appliances (Safety Regulations) 1995. Where the gas appliance is located within an apartment compartment, the gas appliance to be supplied with a dedicated gas supply.</p> <p>Heating and hot water system will be commissioned and tested prior to handover. Manufacturer's instructions for the operation and maintenance of the system to be provided to the tenant. The system to be encouraged optimally in the conservation of fuel and electricity.</p> <p>The temperature of 21°C in at least 1 apartment and 19°C elsewhere.</p> |

ITCHEN/TOILET

- 12mm Walboard 100 to 180 either side of 75mm timber stud
- 20mm Super glass Multi-Purpose Acoustic Mat within wall density of 10kg/m3

Standard Upper Floor Internal Partitions (APARTMENT TO APARTMENT TO APARTMENT)

- 12.5mm Walboard 100 to 180 either side of 75mm timber stud
- 20mm Super glass Multi-Purpose Acoustic Mat within wall density of 10kg/m3

Bathroom/Ensuite Internal Partitions (APARTMENT TO BATHROOM)

- 12.5mm MR Sound Block to Bathroom studs 75mm timber stud and 12.5mm Walboard 100 to 180 either side
- 20mm Super glass Multi-Purpose Acoustic Mat within wall density of 10kg/m3

Ground Floor Ceiling

- 20mm Chipboard 1800 x 914 min 1kg/m2
- 220mm Engineered Timber Joist max 600mm dirts
- 100mm Super glass Multi-Roll within floor space
- 15mm Tiesline board on 15mm Reconstituted Bare @ max 400mm dirts

1800

1100

1400

125mm Walboard
20mm SUPER GLASS
MULTI-PURPOSE ACUSTIC MAT

75mm
TIMBER STUD

20mm
SUPER GLASS
MULTI-PURPOSE
ACUSTIC MAT

20mm
CHIPBOARD

220mm
ENGINEERED
TIMBER JOIST

100mm
SUPER GLASS
MULTI-ROLL

15mm
TIESLINE BOARD
ON 15mm
RECONSTITUTED
BARE


700

400

800

Partition to receive "Robot Wall Detailing" refer detail AA (2) 078



<p>opening (+/-) to have a clear opening of at least 0.38m and be at least 450mm high and 450mm wide, with the bottom of the opening not more than 1100mm above the floor and providing unobstructed egress. (Upper floor only).</p>	 <p>Belfry Homes Limited (Scotland)</p> <p>Bartholomew House Hamilton Business Park Card Street Hamilton ML1 0QA</p> <p>Tel: 01698 477440 Fax: 01698 4774 Web: www.belfry.co.uk</p>
<p>30. Clearing of Windows and Rooflights - All Upper Floor windows to comply with current Building (Scotland) Regulations, & comply with Parts 4.3.3 & 4.3.4 of the Scottish Building Standards, and Clauses 10.2, 10.3, 10.4 & BS 8213 Part 1:1991 with regard to cleaning Windows and Rooflights.</p>	
<p>31. External steps at French/Patio doors to be maximum 170mm rise, 300mm treads. Maximum projection of door frame coil to be 25mm over finished floor level. Protective barriers to external steps and landings at change in grade to be minimum 1100mm.</p>	<p>Project:</p> <p>STANDARD HOUSE TYPES (2015 BUILDING REGULATIONS)</p> <p>TIMBER KIT - ENHANCED SPEC.</p>
<p>32. Stairs to comply fully with Building (Scotland) Regulations, & Scottish Building Standards Part 4.3 4.3.3 & 4.3.1 including with MGF treads and risers, pine stringers, newel posts and balusters.</p> <ul style="list-style-type: none"> Minimum girth 227.5mm Maximum pitch 40° Maximum gap 27mm 	
<p>33. Handrail to be 900mm above maximum line on one side only and to comply with BS 6180 - 1996 to protect barriers to stairs and any Upper Floor Handrails. To be maximum 1100mm high and comply with BS EN 13911-1 and PD 6859-1. Barrier will be provided to stairs to ensure that it cannot be easily climbed by young children. A maximum spanning of 10m between handrails. Handrails to be 200mm square hardwood over pitch line. Stairs with a window section require a continuous handrail to the water pressure on the stair. The effective width of the stairs between handrails should be min 900mm.</p>	<p>DRAWING:</p> <p>BELFRY</p> <p>3 BED DETACHED</p> <p>1050 SQ. FT.</p>
<p>34. Conservation of fuel and power - All Windows to comply with Parts 6.0.15, 6.0.25, 6.0.36, 6.0.45, 7.6.8 of the Scottish Building Standards, & current Building (Scotland) Regulations and data conservation given to comply with Directive 2010/31/EC. Ensure all gaps between dry linings, window rings, door openings, ceiling and floor joints to be sealed. Service penetrations and radiator pipes properly sealed. Breathable seals fitted to windows, external doors and hot/boilers. Thermostatic radiator valves fitted to all radiators. Heating system controlled with 4°C, 16°C and 24°C electric floor switch and room stat. Heating pipes for supply of hot water to be suitably insulated against heat loss.</p>	
<p>35. Energy Performance Certificate to be provided to Local Authority on completion of works. A copy of the EPC will be displayed openly the boiler of each property.</p>	<p>Scale:</p> <p>1:50 / 1:100</p> <p>Date:</p> <p>JAN '17</p> <p>Drawn:</p> <p>-</p>
<p>36. 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 Handbook.</p>	
<p>37. Provide a start guide for clients to all houses as per standard 6.8.2</p>	<p>Drawing No:</p> <p>BELFRY (2015) (EN) T-KIT-001</p>
<p>38. Noise and Vibs [to be carried out to the satisfaction of the relevant</p>	<p>Rev:</p> <p>E</p>