



- [illegible]

- Where the infiltration rate is not less than 3m³/hm² (or 50 Pa, 0.05 L/s/m²) at 100 Pa, the following measures should be installed in rooms where there is likely to have high humidity such as Bathrooms and Showers. The measures should be installed and commissioned to provide minimum continuous exhaust rates in accordance with the following:
- | Room | Exhaust rate (litres/sec with 13mm min. duct) |
|--------------|---|
| Utility room | 4 litres/sec with 1 litres/sec boost |
| Bathroom | 4 litres/sec with 1 litres/sec boost |
- As specified in 6.6.2.2, the following Heating Controls are to be fitted in SAP 2012 calculations. Radiators to have panes and 12.5mm wallboard.
- | Room | Heating Controls |
|--------------|--|
| Bathroom | 12.5mm MR Sound Board to Bathroom side of 75mm timber stud and 12.5mm Wallboard to Bathroom side of 75mm timber stud |
| Utility room | 25mm Super Multi-Purpose Acoustic Mats with min. width of 100cm of 100kg/m³ |

- system to comply with Part 1.17.6 of the Scottish Building Standards, and the system must be installed in accordance with the requirements of the Gas Appliances (Safety) Regulations 1995 and the Gas Safety (Installations and Use) Regulations 1998. A durable label to be provided and fastened in a location in accordance with Part 1.17.7 of the Scottish Building Standards. The gas appliance to be installed in accordance with the Gas Appliances (Safety) Regulations 1995. Condensate from condensing boilers to be plumbed into an external house plumbing system and not into a sink or gully. Where the gas appliance is located within an appliance compartment, cooling air to be supplied in accordance with BS 5440: Part 2.
- 2 Heating and hot water system will be commissioned and tested prior to handover. Manufacturer's instructions for the operation and maintenance of the system will be provided for the building occupier to encourage optimum efficiency in the conservation of fuel and power.
- 3 The Heating system should be designed to be capable of maintaining temperature of 21°C in at least 1 apartment and 19°C elsewhere, when the outside temperature is minus 17°C.
- 4 Fire Detection - Provide 1 No. Smoke detector per storey, 1 No. to Principal Room, 1 No. Heat detector to Kitchen and all standby supply rooms.
- 5 Partition to receive "Robust Wall Sampling" refer details AA.2 (7) of 8

provision of current building [scotland] Regulations, see table for type & location	AMENDMENTS:
<p>25. Carbon Monoxide Detectors - Detectors to comply with BS EN 50291-1:2010 and be powered by a battery designed to operate for the working life of the detector. The detector will incorporate a warning device to alert users when its working life is about to expire. A CO detector will be fitted in every space containing a fixed combustion appliance (excluding an appliance solely used for cooking) and a detector provided in a bedroom or principal habitable room, where a sleeping person is likely to room. The detector will be mounted on a ceiling 3m or coming away from a wall or: wall mounted 1m 150mm below the ceiling and above any door or window in the room. CO detectors will be located between the bedrooms and the main hall.</p>	
<p>26. Ventilation - Awareness: CO2 detector required to the Principal Bedroom. Monitoring equipment for CO2 detection should be mains operated and may take the form of a dedicated monitor detector or a separate monitor and indicator. The monitor should have an easy to understand visual indicator and be capable of logging data to allow the occupant to gain insight into the ventilation system's performance over 24 hours. If the detector monitor has an audible alarm this should be capable of being silenced by the occupant.</p>	<p>D Oct '18 Heating programmes repositioned to correspond with current heating layouts. CO2 detector positioned vertically, heating light noted on electrical legend. AG</p>
<p>27. Ventilation - Awareness: CO2 detector required to the Principal Bedroom. Monitoring equipment for CO2 detection should be mains operated and may take the form of a dedicated monitor detector or a separate monitor and indicator. The monitor should have an easy to understand visual indicator and be capable of logging data to allow the occupant to gain insight into the ventilation system's performance over 24 hours. If the detector monitor has an audible alarm this should be capable of being silenced by the occupant.</p>	<p>C Dec '17 General Notes amended. External tap sensor. Door from a D2 to a D3 to the ensuite.</p>
<p>28. Ventilation - Awareness: CO2 detector required to the Principal Bedroom. Monitoring equipment for CO2 detection should be mains operated and may take the form of a dedicated monitor detector or a separate monitor and indicator. The monitor should have an easy to understand visual indicator and be capable of logging data to allow the occupant to gain insight into the ventilation system's performance over 24 hours. If the detector monitor has an audible alarm this should be capable of being silenced by the occupant.</p>	<p>B Aug '17 Specification changes involving front / back doors, sanitary ware, USK socket added to kitchen, typical PV panel arrangements. General Notes amended as per STACS comments. PV requirements revised. Rooflet detailing clarified.</p>
<p>29. Ventilation - Awareness: CO2 detector required to the Principal Bedroom. Monitoring equipment for CO2 detection should be mains operated and may take the form of a dedicated monitor detector or a separate monitor and indicator. The monitor should have an easy to understand visual indicator and be capable of logging data to allow the occupant to gain insight into the ventilation system's performance over 24 hours. If the detector monitor has an audible alarm this should be capable of being silenced by the occupant.</p>	<p>A Jan '17 STACS Drawing revised to comply with 2015 Building Regulations. Refer to separate notes.</p>
<p>30. Escape windows (E) to have a clear opening of at least 0.33m² and be at least 450mm high and 450mm wide, with the bottom of the opening at 450mm above the finished floor level.</p>	<p>Issue: Date: Description:</p>

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Project:

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

Drawing:

DOYLE
4 BED DETACHED
1586 SQ. FT.

Scale: 1:50 / 1:100	Date: JUN '17	Drawn: -
Drawing No. DOYLE (2015) (EN) T-KIT-001		Rev. D