

Energy Statement

- The proposed development will have an energy efficient gas condensing boiler (up to 95% energy efficient).
- The construction specification will have increased levels of insulation, over and above Building Regulation requirements, which will significantly reduce heating bills.

For example:

| Element | 'U' value requirement | 'U' value provided |
|---------|-------------------------|-------------------------|
| Floor | 0.22 W/m ² k | 0.25 W/m ² k |
| Walls | 0.30 W/m ² k | 0.25 W/m ² k |
| Roof | 0.20 W/m ² k | 0.15 W/m ² k |

- Low temperature underfloor heating is to be provided at ground floor level. Underfloor heating used in conjunction with a condensing boiler can be up to 20% more efficient than a conventional radiator system.