



NOTES
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UNDERFLOOR HEATING CONTROLS
 WE RECOMMEND THE MOUNTING OF THE WIRING CENTRE WHERE IT CAN BE EASILY ACCESSED FOR MAINTENANCE AND NEAR THE MANIFOLD AND COMPONENTS. WE RECOMMEND THERMOSTATS ARE MOUNTED ON INTERNAL WALLS AT A HEIGHT OF 1.5 METERS. THEY SHOULD BE MOUNTED OUT OF AREAS OF STRONG SUNLIGHT AND AWAY FROM SOURCES OF HEAT OR DRAUGHT.

WIRING REQUIREMENTS

- From Fused Spur to UH1 Wiring Centre:
2 cores +E - 2.5mm cable
- From UH1 Wiring Centre to Neo (12V) Thermostats:
BELDEN 9538 cable, or CAT5-FTP (Screened / Shielded)
- From UH1 Wiring Centre to Thermo-electric Actuators:
2 cores - 1.0mm flex (Actuators come with 1m flying lead)
- From UH1 Wiring Centre to Manifold Pump:
3 core - 1.5mm flex
- From Neo (12V) Thermostats to remote sensors:
2 core - 0.75mm cable/flex (Maximum of 50 meters)
- From UH1 Wiring Centre to Boiler:
2 core - 1.5mm cable
- From UH1 Wiring Centre to Manifold Zone Valve:
3 core - 1.0mm flex
- From UH1 Wiring Centre to DHW Thermostat:
2 core - 1.0mm flex
- From UH1 Wiring Centre to DHW Zone Valve:
5 core - 1.0mm flex

ambiente
 more than underfloor
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Project
Standard Ambiente Wiring Diagram

TITLE
UH1 Wiring Diagram with Neo thermostats showing optional remote sensors

SCALE N/A	DATE May 2016	DRAWN RH	CHECKED RT
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