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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, BUT NOT IMPEDING ACCESS TO 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 UH3 Wiring Centre:
2 cores +E - 2.5mm cable
- From UH3 Wiring Centre to DS-SB Thermostats:
4 cores +E - 1.0mm cable
- From UH3 Wiring Centre to Thermo-electric Actuators:
2 cores - 1.0mm flex (Actuators come with 1m flying lead)
- From UH3 Wiring Centre to Manifold Pump:
3 core - 1.5mm flex
- From UH3 Wiring Centre to TM4 Programmer:
6 cores +E - 1.0mm cable
- From DS-SB Thermostats to remote sensors:
2 core - 0.75mm cable/flex (Maximum of 50 meters)
- From UH3 Wiring Centre to Boiler:
2 core - 1.5mm cable
- From UH3 Wiring Centre to Manifold Zone Valve:
5 core - 1.0mm flex

ambiente
 more than underfloor

AMBIENTE SYSTEMS UK
 HERITAGE HOUSE, 1 WOODSIDE LANE
 BELL BAR, HERTS, AL9 6DE
 TELEPHONE 08450 70 38 95 FAX 08450 70 38 96
 EMAIL Info@ambienteufh.co.uk WEBSITE www.ambienteufh.co.uk

Project
Standard Ambiente Wiring Diagram

TITLE
UH3 Wiring Diagram with DS-SB thermostats and TM4 timer switching thermostat set back showing optional remote sensors (Single Zone)

SCALE	DATE	DRAWN	CHECKED
N/A	May 2015	RH	RT