



KIDDERPORE HALL, KIDDERPORE AVENUE

Schedule of 'Wet' Underfloor Heating

Project Ref: 4030
Schedule: 6003-SCH-27KH-002
Manufacturer: UFHN Ltd

Date: 17/12/18
Status: For Planning
Rev: P01

Ref	Location	Type	Total Output (Watts)	HTG Flow Rate @ 65/45°C (kG/s)	Areas Served	Floor Area (m ²)	Floor Finish	Output (W/m ²)	Output (Watts)	Circuit Flow/Return Temp (°C)	Circuit Flow Rate (kG/s)	Notes
M1	LG - Pool Hall Plantroom	Pumped/Mixing	3000	0.036	Pool Hall	35	Tile	80	2800	55/45	0.067	Remainder of heat loss offset by pool ventilation. Radiators removed by Architect
M2	LG - Services Cupboard	Pumped/Mixing	3750	0.045	Gym	16	Timber	50	800	55/45	0.019	Radiator & UF HTG
					Stair	10	Timber	50	500	55/45	0.01	UF HTG Only
					Corridor	28	Timber	50	1000	55/45	0.024	Radiator & UF HTG
					AV Room	29	Carpet	50	1450	55/45	0.035	Radiator & UF HTG
M3	UG - Cloakroom Cupboard	Pumped/Mixing	3750	0.045	Living Room	50	Timber	50	2500	55/45	0.06	Radiator & UF HTG
					Study	25	Timber	50	1250	55/45	0.03	Radiator & UF HTG
M4	01 - Dressing Room Wardrobe	Pumped/Mixing	3750	0.045	Master Suite	45	Carpet/Timber	50	2250	55/45	0.054	Radiator & UF HTG
					Dressing Room	30	Carpet/Timber	50	1500	55/45	0.036	Radiator & UF HTG

Notes:

1. All individual rooms/zones to be controlled via room temperature sensor fitted within the space
2. Lower Ground Floor areas – UF HTG to be installed in existing screed using 'routing' system – expected outputs 80 W/m² (tiled finish) & 50 W/m² (timber/carpet finish)
3. Upper Ground Floor & Level 01 – UF HTG to be installed using 'routed' board system – expected output 50 W/m²
4. Manifolds to be complete with pump kits, mixing valve, thermoelectric actuators, wiring centre