

S&S Northern Ltd – Specification – Glacedale Drive

Water Leak Detection & Monitoring Schedule

<u>Area To Be Located</u>	<u>Manufacturer</u>	<u>Product Code</u>
Boundary & Plant Room	S&S Northern Ltd 07538 487766 Cameron Murphy	<ul style="list-style-type: none">• 1 x Merlin WDP System• 1 x CWM Cold Water Meter (Boundary)• 1 x CWM Cold Water Meter (Plant Room)• 1 x BMS Pulsed Output from Merlin WDP (WAT 02)
All WC Areas	S&S Northern Ltd 07538 487766 Cameron Murphy	<ul style="list-style-type: none">• 1 x Flush Mounted PIR Sensor• 1 x Water Solenoid Valve (Size TBC)

BREEAM WAT 03 – One Credit – Flow Control

The BREEAM Flow Control Devices to meet BREEAM WAT 03 are to be supplied by S&S Northern Ltd (Tel: 01257 470983)

The PIR Sensors shall be 230V and check occupancy in each WC area and then control a water solenoid valve on cold water supply. In the event where the WC area is unoccupied for pre-set period of time then the water solenoid valve will be isolated.

The PIR Sensors can be adjusted to pre-set the occupancy time out period.

One BREEAM Credit will be awarded for this.

1 x PIR Sensor – 230V

1 x 230V Water Solenoid Valve (Size TBC)

BREEAM WAT 03 – One Credit – Major Water Leak Detection

The water leak detection system is to be supplied by S&S Northern Ltd (Tel: 01257 470983).

The Merlin WDP Water Leak Detection System comprises of a control panel which is to be linked with a water meter to meet BREEAM installation guidelines. The system is provided with visual and audible alarms combined with a set of volt free alarm contacts for use when the flow exceeds the pre-set limits, the contacts can be used to link into a BMS or remote alarm monitoring systems.

There is an option to include a water solenoid valve if you would like to isolate the water solenoid valve at the same time as notifying the BMS.

BREEAM WAT 03 states “a leak detection system which is capable of detecting a major water leak on the mains water supply within the building and between the building and utilities water meter is installed”. Where it is only possible to include one water meter on the entry to the building then you should check with your BREEAM assessor for the project that they are happy with that solution.

1 x Merlin WDP Water Leak Detection System

1 x CWM Cold Water Meter (With Pulsed Output) (Size TBC)

1 x CWM 50mm Pulsed Output Kit

BREEAM WAT 02 – One Credit – Water Monitoring

The Merlin WDP System includes a pulse splitter to output a pulse output from the incoming plant room water meter to the BMS in order to meet BREEAM WAT 02.

Where any other areas within the building are drawing over 10% of the total water usage on the total demand then there should be an additional sub meter included to output the information to the BMS panel.

1 x CWM Cold Water Meter (With Pulsed Output) (If Necessary)

Contact Details –

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