



ENGINEERING NOTES

All exposed insulated pipes shall be fitted with an energy efficient, self regulating, trace heating system, known as nVent RAYCHEM WinterGard

Interconnection and termination shall be with cold applied, insulation displacement type connectors and gel type end seals, known as Rayclic

The trace heating circuits shall be controlled by an energy efficient, proportional ambient sensing thermostat (PASC), known as Raystat-ECO-10.

LPHW or fatty waste services shall be controlled by a line sensing thermostat, known as Raystat-Control-10.

The system shall be dual traced for redundant circuit protection as per the requirements of BS EN 12845:2008.

The WinterGard circuits shall be controlled and monitored via the multi circuit control panel, SBS-XX-SV, by nVent, with integrated circuit protection.

The self regulating heating cables shall be installed 'straight traced', insulated, tested and commissioned strictly in accordance with the WinterGard design guide, preferably by a specialist installer named by them.

MATERIALS

QTY	PCN	ITEM
1	355825-000	SBS-03-SV
422	277783-000	FS-A-2X
6	235422-000	RAYCLIC-CE-02
20	441524-000	RAYCLIC-T-02
9	C77220-000	GT-66
60	938947-000	LAB-I-01



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 Raychem-ES-CDE2686-PipeFrostSchematicLayout-EN-1805

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TITLE	REVISION
CHILLED WATER PIPE FROST PROTECTION	2
SHEET 1 OF 1	