



**ENGINEERING NOTES**

All gutters, down pipes and roof edges shall be fitted with an energy efficient, self regulating trace heating system, known as nVent RAYCHEM GM-2X, to prevent winter damage and icicle formation.

Interconnection and termination shall be with cold applied, UV resistant, insulation displacement connectors and gel type end seals, known as nVent RAYCHEM RayClic.

All trace heating circuits shall be controlled via an energy efficient, integrated ambient and moisture sensing thermostat, known as nVent RAYCHEM EMDR-10.

The system shall be complete with a 5 year product warranty.

The trace heating systems shall be installed, tested and commissioned strictly in accordance with the RAYCHEM'S recommendations and preferably by a specialist installer named by them.

**MATERIALS**

QTY	PCN	ITEM
77	446105-000	GM-2X
1	449554-000	EMDR-10
1	235422-000	RayClic-CE-02
33	912791-000	GM-RAKE
28	153651-000	GMK-RC
2	035830-000	GM-Seal

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Raychem-ES-CDE2686-GutterSchematicLayout-EN-1805

**RAYCHEM**

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	DRAWN neil.murch CHECKED APPROVED	DATE 06/04/2010 DATE DATE N/A	
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TITLE	REVISION
GUTTER FREEZE PROTECTION	1
ORIGINAL SIZE	DRAWING NUMBER
A3	NTS
SCALE	STATUS
NTS	

SHEET 1 OF 1