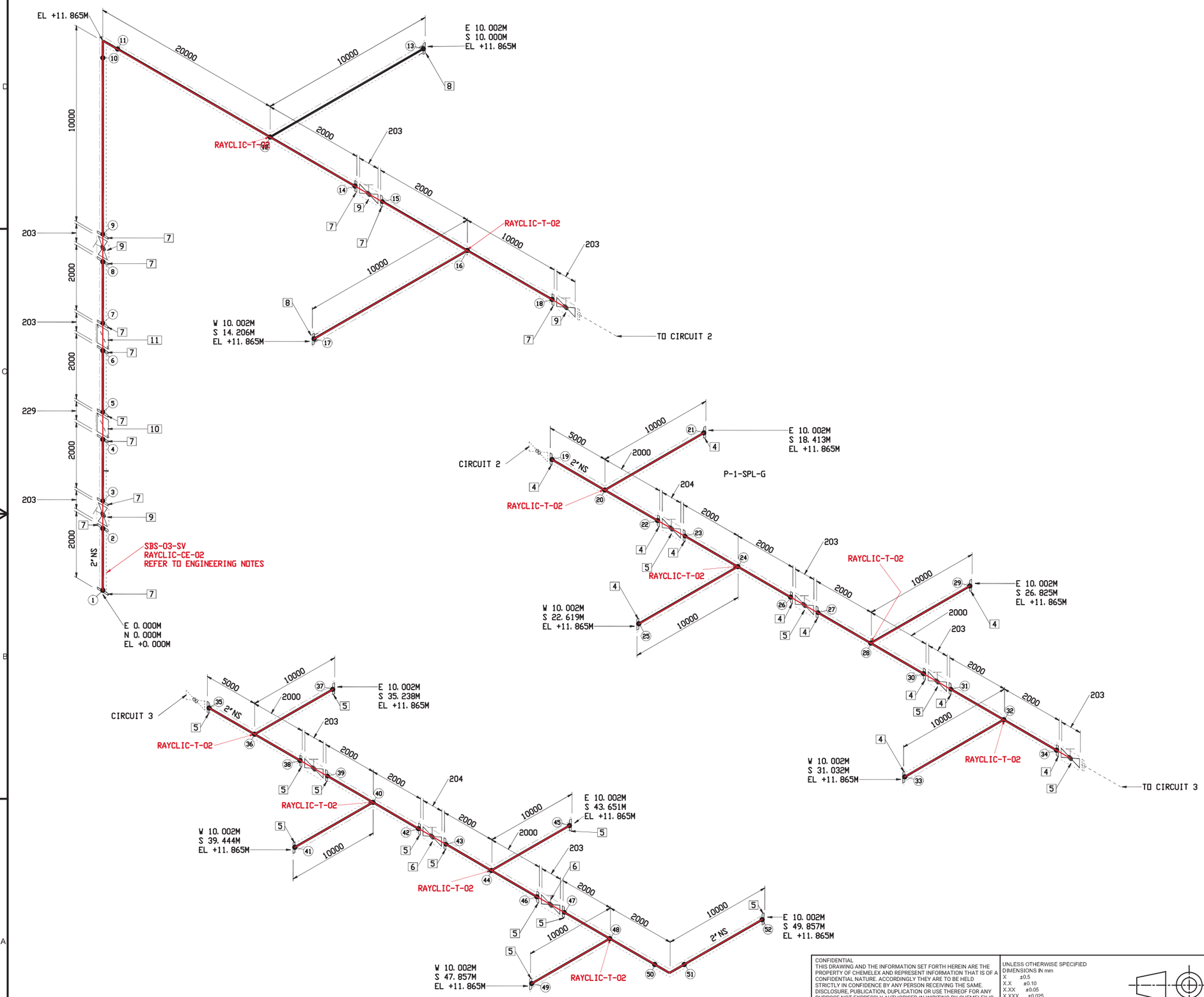

ENGINEERING NOTES

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

Raychem

UK/Ireland
Tel 0800 969 013
SalesUK@chemelex.com

Australia
Tel +65 9660 9910
infoAPAC@chemelex.com

Asia Pacific
Tel +86 21 2412 1688
infoAPAC@chemelex.com

India – Mumbai
Tel +91 22 6775 8800/01
SalesIMEA@chemelex.com

India – Noida
Tel +91 120 464 9500
SalesIMEA@chemelex.com

UAE
Tel +971 4 823 8666
SalesIMEA@chemelex.com

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Raychem-ES-CDE2686-PipeFrostSchematicLayout-EN-2504

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UNLESS OTHERWISE SPECIFIED
DIMENSIONS IN mm
X ±0.5
X.X ±0.10
X.XX ±0.05
X.XXX ±0.025
DEGREES ±0.5°

DRAWN neil.murch	DATE 06/04/2010	
CHECKED	DATE	
APPROVED	DATE N/A	

TITLE
CHILLED WATER PIPE FROST PROTECTION

REVISION 2

ORIGINAL SIZE A3
SCALE NTS
DRAWING NUMBER
SHEET 1 OF 1
STATUS

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