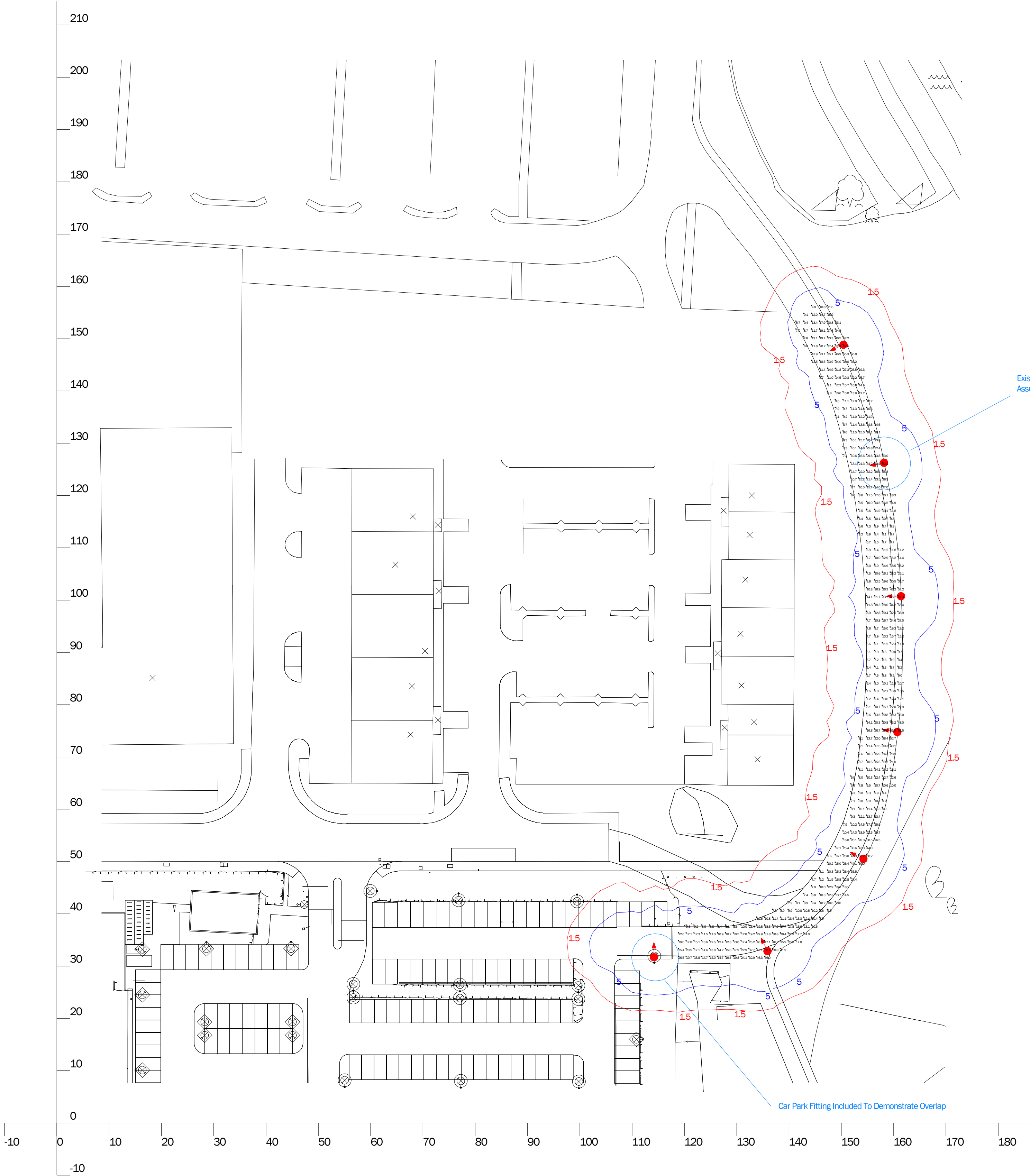


Luminaire Schedule						
Symbol	Qty	Label	Arrangement	Lumens	LLF	Description
	7	MOR L 090W A 5m	SINGLE	10450	0.819	Monaro, Low Profile Glass, 90w CPO-TW Lamp, Diamond Optic A 5/35, 5m mtg ht

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Min/Avg
Roadway	Illuminance	Lux	17.85	62.5	5.2	0.29

Luminaire Location Summary					
Label	X	Y	Z	Orient	Tilt
MOR L 090W A 5m	158.174	126.283	5	192.237	0
MOR L 090W A 5m	161.42	100.744	5	180	0
MOR L 090W A 5m	160.715	74.78	5	170.46	0
MOR L 090W A 5m	154.224	50.51	5	153.713	0
MOR L 090W A 5m	135.88	32.872	5	116.006	0
MOR L 090W A 5m	150.414	148.861	5	204.487	0
MOR L 090W A 5m	114.172	31.691	5	90	0



This scheme has been designed to:

BS EN 13201-2:2003
Road lighting - Part 2: Performance requirements
Category S1
Subsidiary roads
Horizontal illuminance
>15 lux Maintained average illuminance (Eav)
<22.5 lux Maintained average illuminance (Eav)
>5 lux Maintained minimum point illuminance (Emin)

LIGHTING COLUMN INSTALLATION

Please carefully read the enclosed lighting design report for full technical information and explanations.

In order to achieve optimum performance, please note the following:

- Columns must generally be located within 2 metres of the marked positions.
- Luminaires must be orientated in the direction specified. The 'Road Sign' sticker on luminaire castings denotes the direction of orientation. This is of particular importance for post-top luminaires.

AIMING ANGLES OF LUMINAIRES

KEY TO DIAMOND OPTIC SYMBOLS

These diagrams demonstrate the distinct distributions of light of the Diamond Optic luminaire configurations.

The Diamond Optic luminaire is available in four configurations, each with its own distribution pattern. Each luminaire is supplied with the correct configuration pre-set.

Please note that the diagrams are indicative only. Distributions will vary depending on luminaire lamp type and settings, and mounting height.

These templates are not to scale, and should not be used in conjunction with the actual lighting design.

Please note other configurations are available.

Project:	Scottish & Southern Energy, Penner Road, [Access Roadway]
Drawing Number:	05399-2-A
Drawing Title:	Illuminance Plot
Date:	13/04/10
Client:	SEC
Contact:	Andrew Jackson
Project Management:	Lighting Design: Michael Walker
Glyn Davis	

All measurements in metres and lux. Do not scale from this drawing.

CDM Statement

Please note that this proposed lighting scheme is a lighting solution that has been designed with the information provided by the client. The solution does not include site, installation engineering and risk assessment considerations.