

FOR INFORMATION ONLY



POWER DENSITY STATISTICS		
Name	# Luminaires	Total Watts
External Lighting Load	105	10220.0 W

STATISTICS				
Description	Symbol	Avg	Min	Min/Avg
Bike Shed & Smoking Area [20/0.4]	+	24 lux	10 lux	0.42
Building Perimeter [10/0.25]	+	18 lux	5 lux	0.28
Circulation Road [50/0.4]	+	58 lux	24 lux	0.41
Entrance Road, Gatehouse, Barriers & Crossings [10/0.4]	+	105 lux	42 lux	0.40
P1 - Bike Shelter [10/0.4]	+	183 lux	146 lux	0.80
P1 - Pedestrian Crossing [10/0.4]	+	140 lux	77 lux	0.55
P1 - Pedestrian Walkway [0.25]	+	44 lux	15 lux	0.34
P1 - Van Parking [25/0.4]	+	39 lux	28 lux	0.67
Pedestrian Crossings [10/0.4]	+	127 lux	61 lux	0.48
Van Entry/Exit [10/0.4]	+	101 lux	54 lux	0.53
Van Parking [25/0.4]	+	30 lux	13 lux	0.43

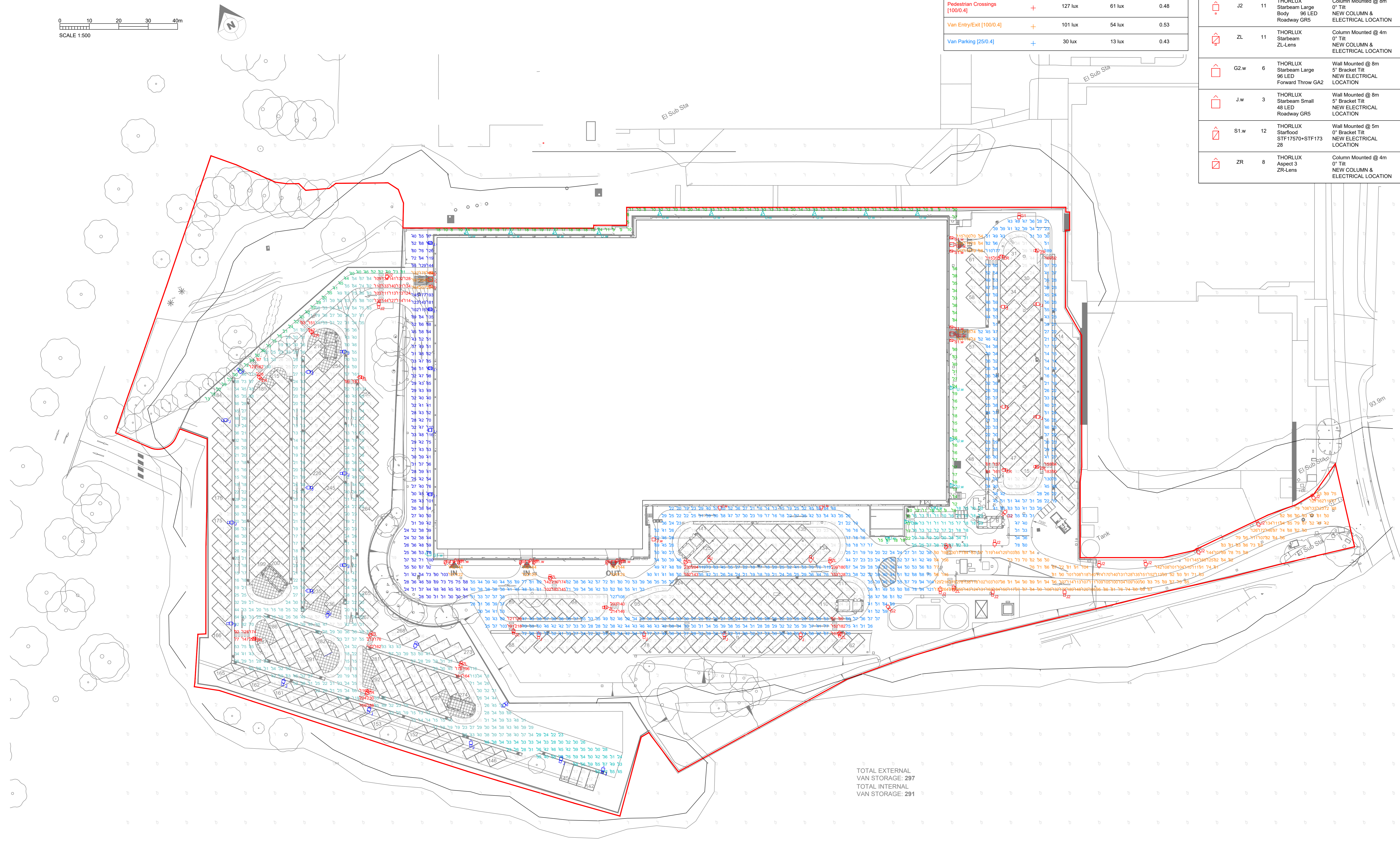
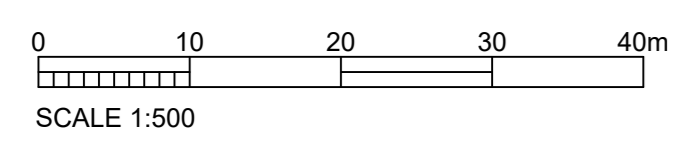
LUMINAIRE SCHEDULE						
Symbol	Label	Qty	Catalog Number	Description	Lamp	Watts
J	18	THORLUX Starbeam Small 48 LED Roadway GRS	Column Mounted @ 10m 0° Tilt	1 x 17,425 Lumens 4,000K Colour Temp CR80 144 Lm/W	95	
G1.w	1	THORLUX Starbeam Small 48 LED Forward Throw GA2	Wall Mounted @ 5m 5° Bracket Tilt EXISTING LOCATION	1 x 17,435 Lumens 4,000K Colour Temp CR80 133 Lm/W	131	
J.w	5	THORLUX Starbeam Small 48 LED Roadway GRS	Wall Mounted @ 6m 0° Bracket Tilt EXISTING LOCATION	1 x 13,725 Lumens 4,000K Colour Temp CR80 144 Lm/W	95	
U.w	16	THORLUX Realta Bulkhead [TP19774]	Wall Mounted @ 6m 0° Bracket Tilt EXISTING LOCATION	1 x 2,700 Lumens 4,000K Colour Temp CR80 145 Lm/W	22	
ZZ	1	THORLUX Thorproof [TP19774]	Surface Mounted (Height TBC by Contractor)	1 x 9,895 Lumens 4,000K Colour Temp CR80 145 Lm/W	68	
G1	1	THORLUX Starbeam Small 48 LED Forward Throw GA2	Column Mounted @ 8m 5° Tilt NEW COLUMN & ELECTRICAL LOCATION	1 x 17,435 Lumens 4,000K Colour Temp CR80 133 Lm/W	131	
G2	2	THORLUX Starbeam Large 96 LED Forward Throw GA2	Column Mounted @ 8m 5° Tilt NEW COLUMN & ELECTRICAL LOCATION	1 x 27,470 Lumens 4,000K Colour Temp CR80 135 Lm/W	203	
J	10	THORLUX Starbeam Small 48 LED Roadway GRS	Column Mounted @ 8m 5° Tilt NEW COLUMN & ELECTRICAL LOCATION	1 x 13,725 Lumens 4,000K Colour Temp CR80 144 Lm/W	95	
J2	11	THORLUX Starbeam Large 96 LED Roadway GRS	Column Mounted @ 8m 0° Tilt NEW COLUMN & ELECTRICAL LOCATION	1 x 29,995 Lumens 4,000K Colour Temp CR80 137 Lm/W	203	
ZL	11	THORLUX Starbeam ZL-Lens	Column Mounted @ 4m 0° Tilt NEW COLUMN & ELECTRICAL LOCATION	1 x 10,130 lumens 5,700K Colour Temp CR80	95	
G2.w	6	THORLUX Starbeam Large 96 LED Forward Throw GA2	Wall Mounted @ 8m 5° Bracket Tilt NEW ELECTRICAL LOCATION	1 x 27,470 Lumens 4,000K Colour Temp CR80 131 Lm/W	203	
J.w	3	THORLUX Starbeam Small 48 LED Roadway GRS	Wall Mounted @ 8m 5° Bracket Tilt NEW ELECTRICAL LOCATION	1 x 13,725 Lumens 4,000K Colour Temp CR80 144 Lm/W	95	
S1.w	12	THORLUX Starfood STF120+STF173 28	Wall Mounted @ 5m 0° Bracket Tilt NEW ELECTRICAL LOCATION	1 x 4,575 lumens 4,000K Colour Temp CR80	38	
ZR	8	THORLUX Aspect 3 ZR-Lens	Column Mounted @ 4m 0° Tilt NEW COLUMN & ELECTRICAL LOCATION	1 x 10,130 lumens 5,700K Colour Temp CR80	95	

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This drawing to be read in conjunction with all relevant architects, consultants, sub-contractors and specialist drawings, and should not be scaled from any way.

Revisions				
Rev.	By	Date	Description	CHK
A	CC	11.08.21	Updated to suit the latest plan.	GPH
B	JP	25.10.21	Updated to suit the latest plan.	CC
C	CC	02.11.21	Updated to suit the latest plan.	JSP
D	CC	04.11.21	Updated to suit the latest plan.	JSP

NOTE:-  
ELECTRICAL CONTRACTOR TO CONFIRM ALL LIGHTING LAYOUTS COMPLY WITH LIGHTING LEVELS AND UNIFORMITY STATED WITHIN SPECIFICATION. LUMINAIRES SHOWN FOR INFORMATION ONLY.



TOTAL EXTERNAL VAN STORAGE: 297  
TOTAL INTERNAL VAN STORAGE: 291

CDM DESIGNER RISK INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing NOTE THE FOLLOWING:

- CONSTRUCTION  
N/A
- MAINTENANCE/CLEANING  
N/A
- DECOMMISSIONING/DEMOLITION  
N/A

It is assumed that all works will be carried out by a contractor competent under CDM 2015 working to an approved method statement.

Client  
**LYSANDER**

Architect  
**S+SA ARCHITECTS**

Project Address  
**Banbury 200 Site,  
Southam Road,  
Banbury**

Drawing Title  
**External Lighting  
Lux Level Plot**

**KTA**  
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**PLANNING**

Drawn by <b>MK</b>	Checked by <b>GPH</b>	Authorised by <b>JDG</b>
Scale <b>1:500</b>	Size <b>A0</b>	Date <b>Aug '21</b>
Drawing no. <b>10336-PL-400</b>		Rev. <b>D</b>