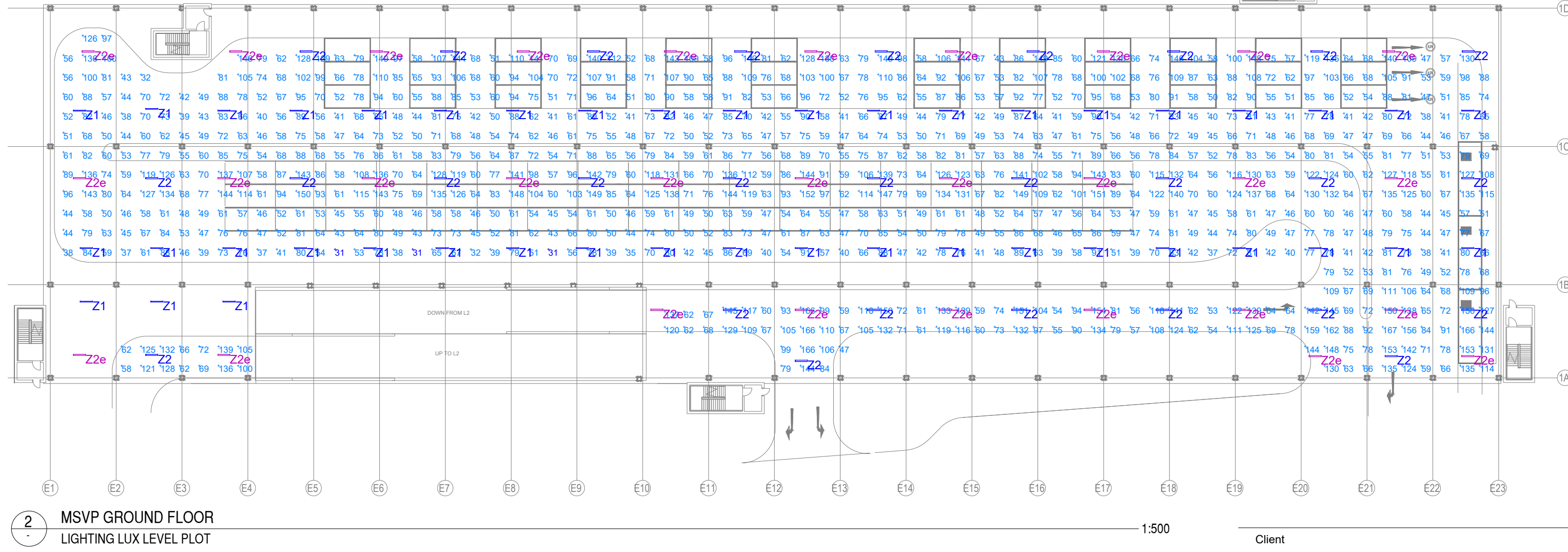
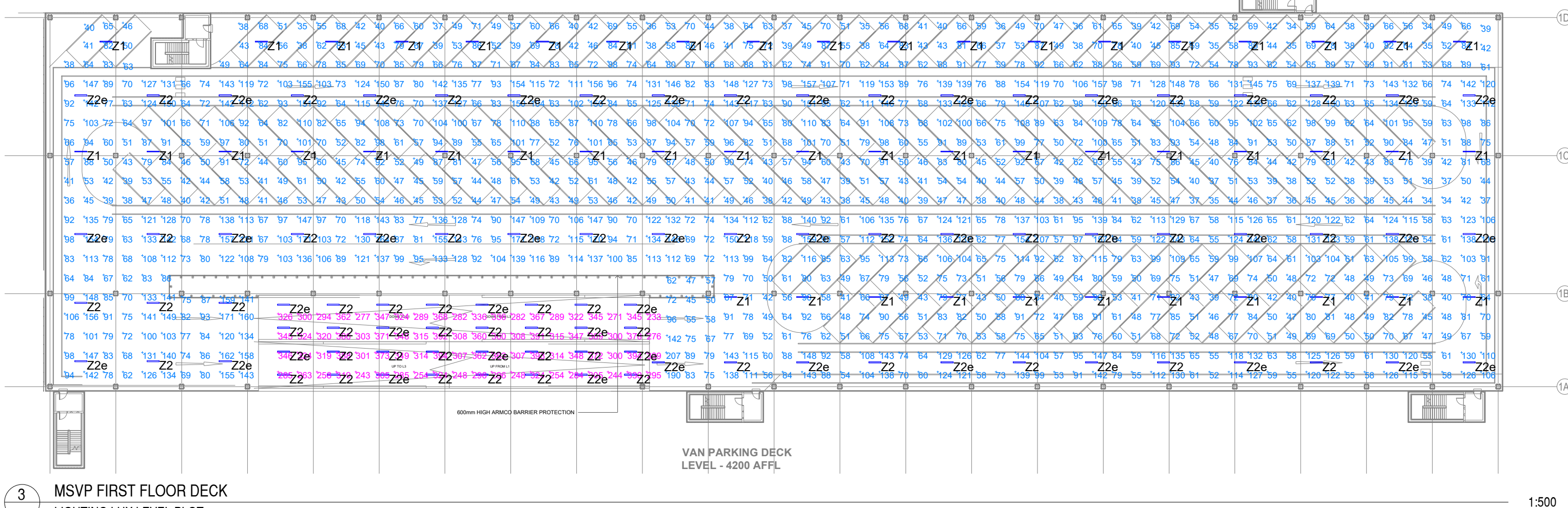
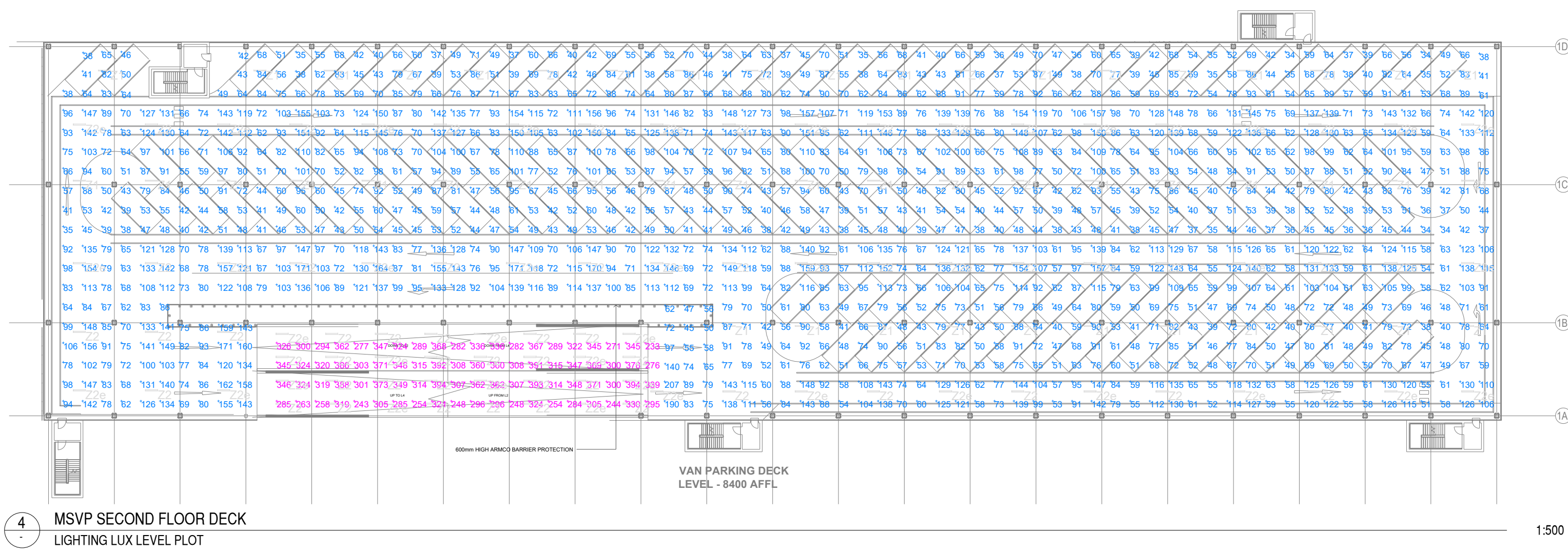


Revisions

Rev	By	Date	Description	Chk
A	MK	4.02.21	Lighting column at car parking re-positioned.	JG
B	MK	9.02.21	Updated to suit amended architectural layout.	JG

LIGHTING LAYOUT OF THIRD FLOOR MSVP (TOP DECK) IS SHOWN ON EXTERNAL SITE (VIEW 1)



Client

Havant Property Investment LLP

Architect



Project Address

Havant, New Lane

Drawing Title

External Lighting
Lux Level Plot

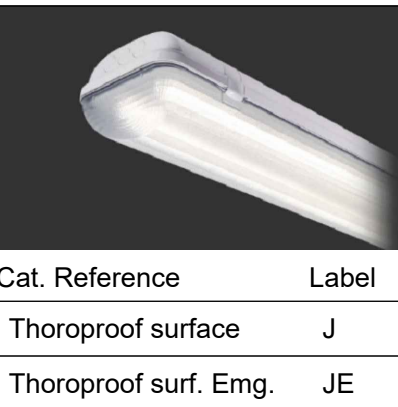


PLANNING

Drawn by	Checked by	Authorised by
MK	IDS	JDG
Scale	Size	Date
1:500	A0	Feb '21
Drawing no.		Rev
10290-PL-100		B

DRAWING IS BASED ON THE ARCHITECTURAL LAYOUT
7379-SMR-00-ZZ-DRA-2003-04-07
AND TO BE READ IN CONJUNCTION WITH:
• DRAWING 10290-PL-101
• REPORT 10516/10290/PLR0
• 10290-ELR-100 "PFIZER BIOTECH INCUBENT LIGHTING SURVEY REPORT"

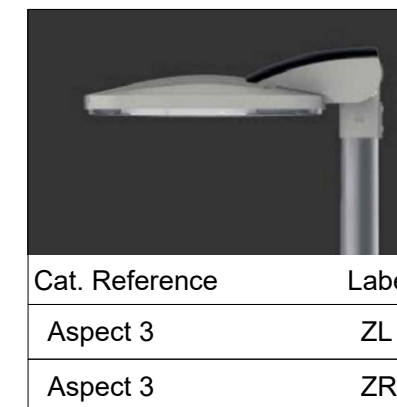
FOR INFORMATION ONLY



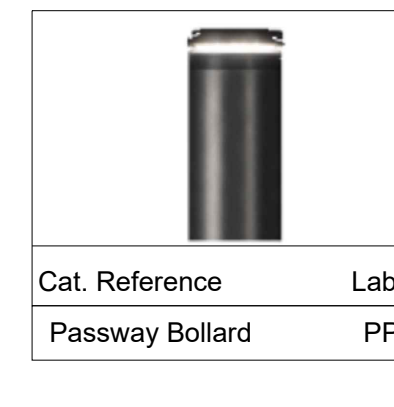
Cat. Reference Label
Thorproof surface J
Thorproof surf. Emp. JE



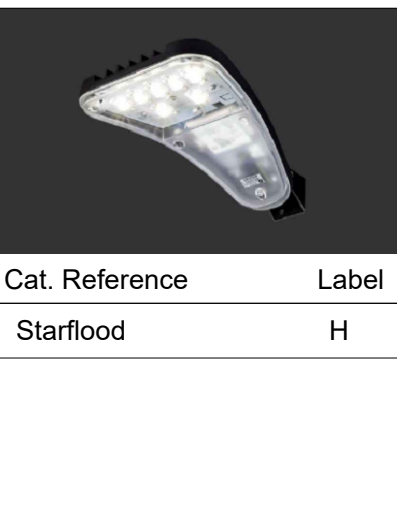
Cat. Reference Label
Starbeam S.w
Starbeam Small A1
Starbeam Small A1P
Starbeam Small A2P
Starbeam Small A2N



Cat. Reference Label
Aspect 3 ZL
Aspect 3 ZR



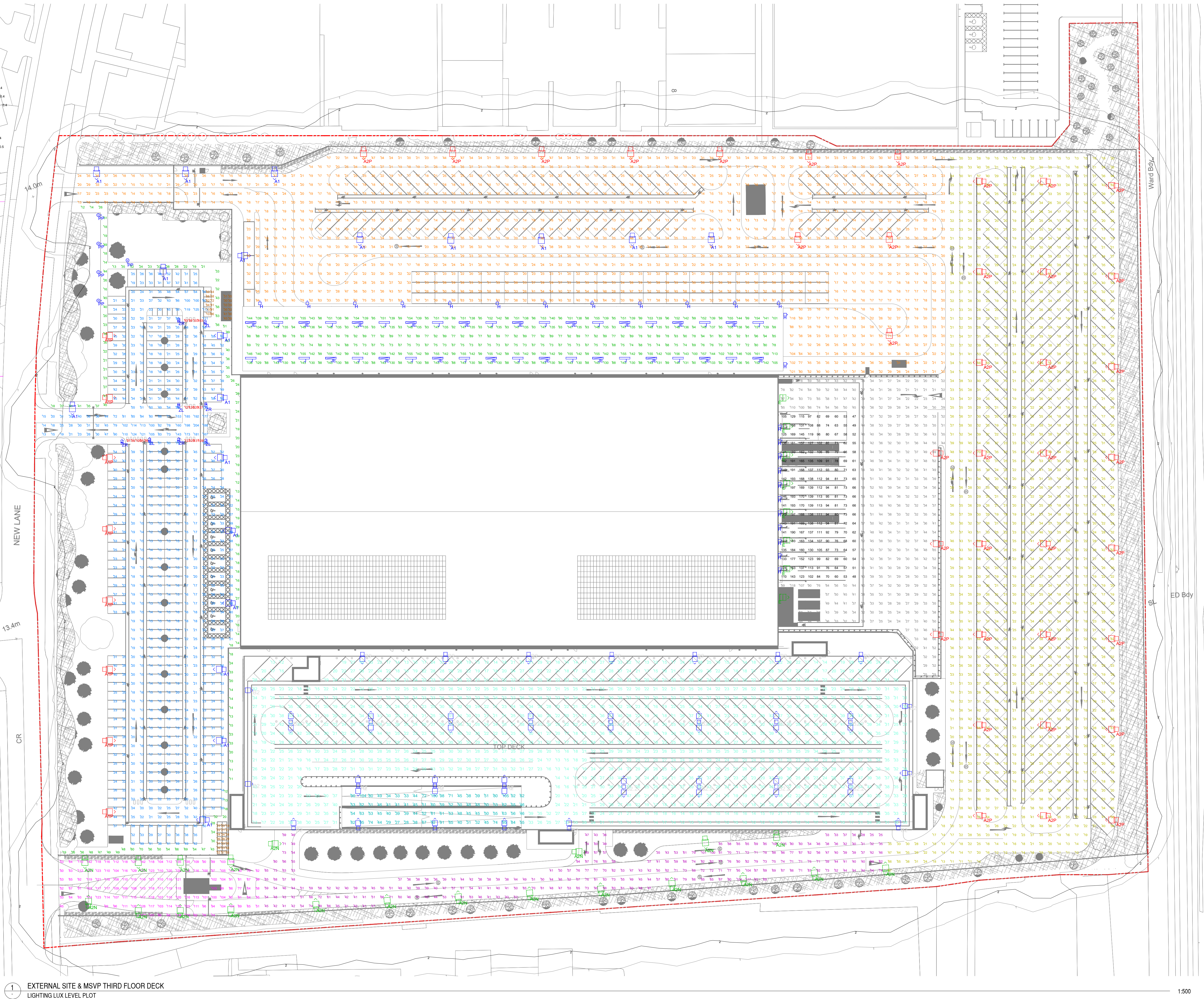
Cat. Reference Label
Passway Bollard PP



Cat. Reference Label
Starbeam Small A1
Starbeam Small A1P
Starbeam Small A2P
Starbeam Small A2N

Cat. Reference Label
Starbeam Large E

Cat. Reference Label
Starbeam Small H



LUMINAIRE SCHEDULE					
Symbol	Label	Qty	Catalog Number	Description	Watts
A1	19	THORLUX Starbeam Small 48 LED Forward Throw GA2	Column Mounted @ 6m 0° Bracket Tilt Backlight Shield	1 x 1,461 Lumens 4,000K Colour Temp CR90 133 lm/w	79
A1P	6	THORLUX Starbeam Small 48 LED Forward Throw GA2	Column Mounted @ 6m 0° Bracket Tilt Backlight Shield	1 x 1,461 Lumens 4,000K Colour Temp CR90 133 lm/w	79
A2P	37	THORLUX Starbeam Small 48 LED Forward Throw GA2	Column Mounted @ 6m 0° Bracket Tilt Backlight Shield	1 x 13,848 Lumens 4,000K Colour Temp CR90 133 lm/w	105
A2N	21	THORLUX Starbeam Small 48 LED Forward Throw GA2	Column Mounted @ 6m 0° Bracket Tilt Backlight Shield	1 x 17,435 Lumens 4,000K Colour Temp CR90 133 lm/w	131
E	6	THORLUX Starbeam Large 96 LED Forward Throw GA2	Wall Mounted @ 10m 0° Bracket Tilt	1 x 27,470 Lumens 4,000K Colour Temp CR90 133 lm/w	203
H	25	THORLUX Starbeam Large 96 LED Forward Throw GA2	Wall / Edge of Canopy Wall Mounted @ 5m 0° Bracket Tilt	1 x 2,065 Lumens 4,000K Colour Temp CR90 123 lm/w	23
J	21	THORLUX Thorpuff TP19774	Under Canopy Surface Mounted @ 4m AGFL	1 x 9,895 Lumens 4,000K Colour Temp CR90 145 lm/w	68
JE	21	THORLUX Thorpuff TP19774	Under Canopy Surface Mounted @ 4m AGFL	1 x 9,895 Lumens 4,000K Colour Temp CR90 145 lm/w	68
ZL	4	THORLUX Aspect 3 Zeiss Lens Left	Composite Column Mounted @ 6m 0° Bracket Tilt	1 x 7,091 Lumens 5,700K Colour Temp CR90 106 lm/w	67
ZR	4	THORLUX Aspect 3 Zeiss Lens Right	Composite Column Mounted @ 6m 0° Bracket Tilt	1 x 7,091 Lumens 5,700K Colour Temp CR90 106 lm/w	67
PP	9	THORLUX Passway Bollard Passway Optic	1m Ballast Fixed/Bass Rod Kit	1 x 180 Lumens 4,000K Colour Temp CR90 70 lm/w	11

STATISTICS				
Description	Symbol	Avg	Min	Max/Avg
Site Entrance [1000.4]	+	101 lux	45 lux	0.45
Car Parking [200.4]	+	27 lux	12 lux	0.64
Cycle Parking [200.4]	+	56 lux	25 lux	0.43
Cycle Parking [200.4]	+	33 lux	19 lux	0.58
Cycle Parking [200.4]	+	57 lux	29 lux	0.51
Loading Yard [500.4]	+	110 lux	47 lux	0.43
Loading Yard [500.4]	+	51 lux	20 lux	0.38
Pedestrian Crossings [1000.6]	+	115 lux	89 lux	0.77
Pedestrian Walkway [100.4]	+	30 lux	13 lux	0.43
Pedestrian Walkway [100.4]	+	29 lux	11 lux	0.38
Service Parking [250.4]	+	25 lux	11 lux	0.64
Service Parking [250.4]	+	26 lux	11 lux	0.42
Bag Canopy	+	112 lux	87 lux	0.89

STATISTICS				
Description	Symbol	Max	Min	
Site Entrance [1000.4]	+	142 lux	45 lux	
New Lane Light Trusses Vertical Illuminance @2m AGFL	+	0.5 lux	0.2 lux	
Norfolk Road Light Trusses Vertical Illuminance @2m AGFL	+	0.3 lux	0.1 lux	