

External Lighting – Units 33 – 36 Lineside Industrial Estate

Planning application reference: LU/352/21/DOC

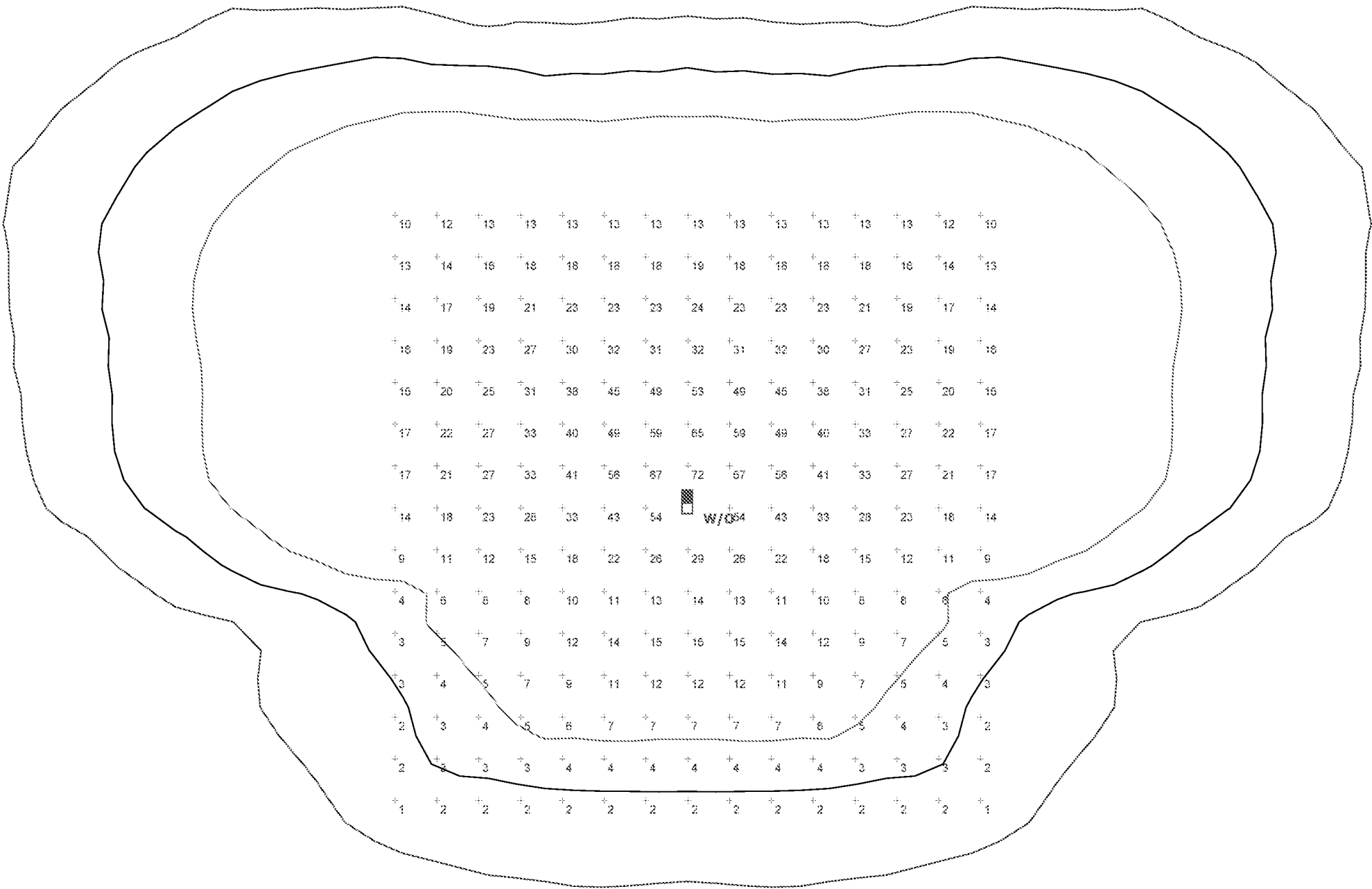
Following consultee responses to Condition 7 (External Lighting), we write to confirm the following measures will be implemented to minimise the impact of the lighting scheme on wildlife;

- Baffles will be fitted to external lighting columns to reduce light spill (see appended drawing detailing the comparison to the light spill with/without baffles fitted). The lighting columns are fitted with an internal dusk/dawn photocell.
- The building mounted lighting is fitted with an internal dusk/dawn photocell and a timeclock. The timeclock will be set to enable the lighting to be operational at agreed times between the tenant and local authority.

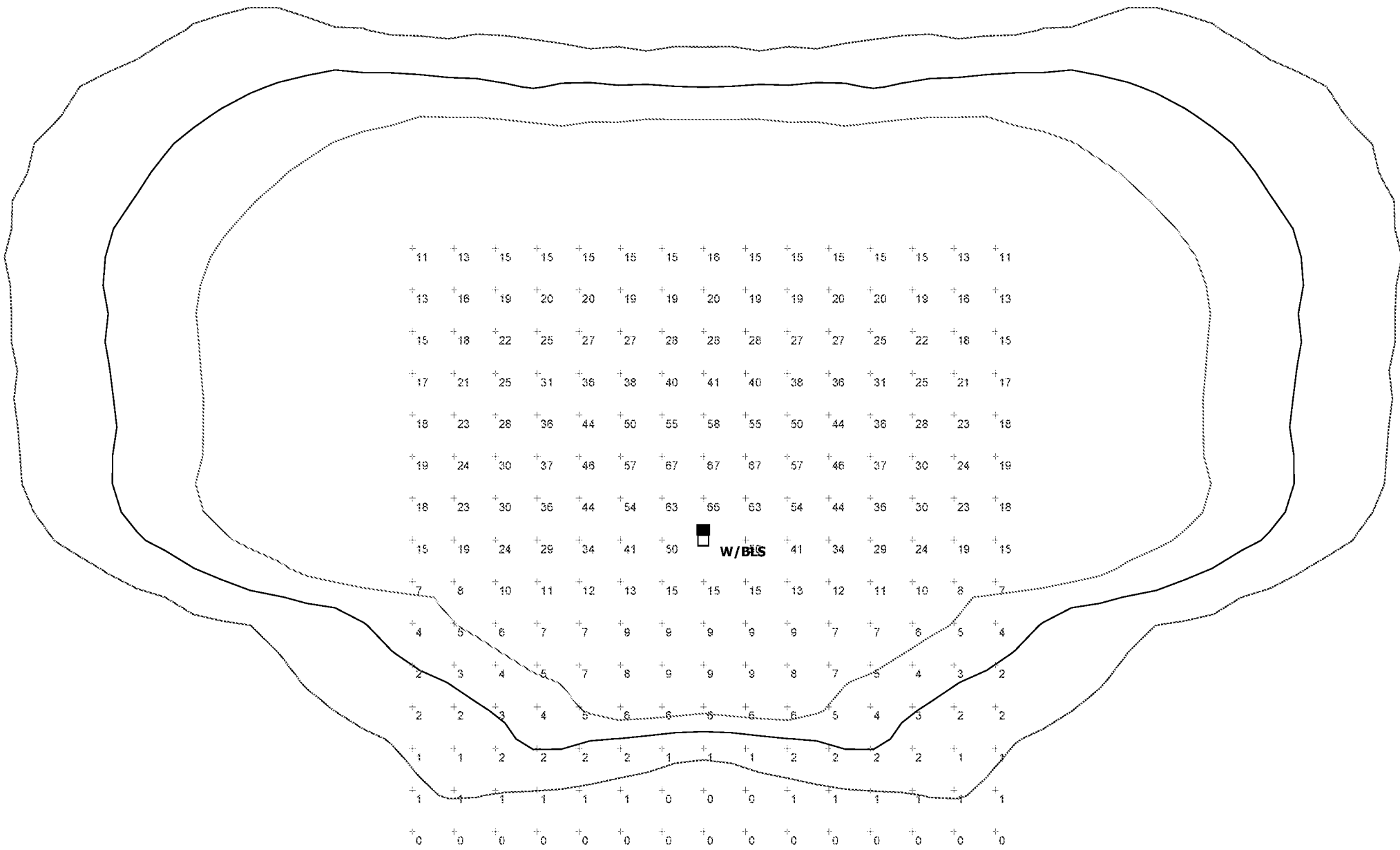
Schedule						
Symbol	Label	Quantity	Catalog Number	Description	Lumens Per Lamp	Wattage
	W/O	1	FTR.2.LA254.AY	Column Mounted @ 8m	25657	208
	W/BLS	1	FTR.2.LA254.AY.EBLS	Column Mounted @ 8m	25657	208

Statistics				
Description	Symbol	Avg	Min	Max/Avg
With BLS	+	18 lux	0 lux	0.00
Without BLS	+	18 lux	1 lux	0.06

Without Backlight Shield



With Backlight Shield



Plan View
Scale - 1 : 250

Note
Holophane Europe Ltd offer a Lighting Design Service in good faith and without charge, every effort is made to ensure we interpret the design specification accurately. All Illuminance values shown are the result of theoretical computer calculations; summated by luminaires positioned in a fixed relationship to each other and the statistical zone. In practice the values may vary due to tolerances in column installation, luminaire orientation, surface reflectance and fluctuations in power supply (voltage).Results provided within this design are derived from product specific photometry, the substitution of alternative luminaires will not produce comparable results.