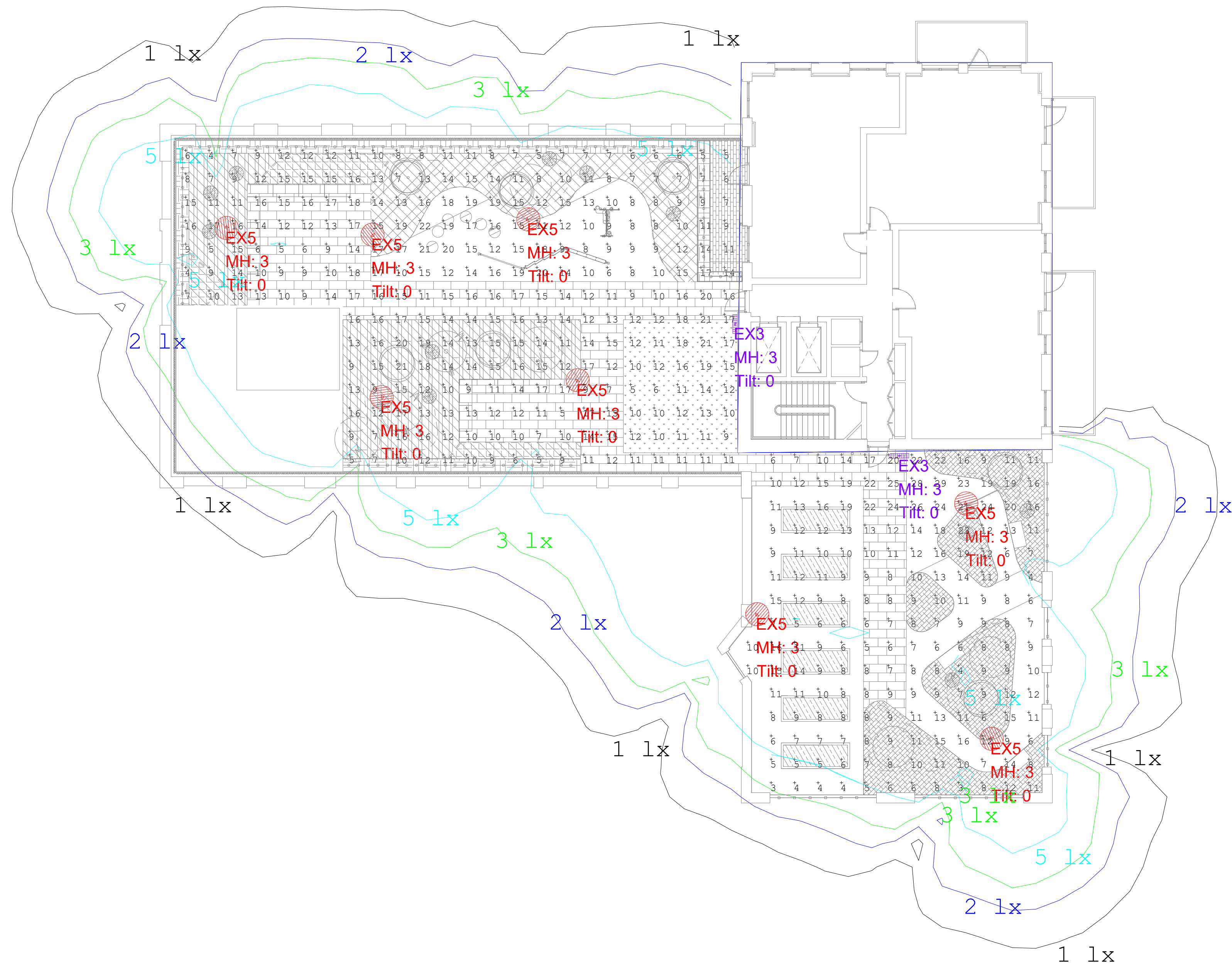


Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Uniformity	Diversity
Terrace	Illuminance	Lux	11.75	29	3	0.26	0.10



D48852	Vinyl Square
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CO ₂ Calculation For A Year														
Colour Temperature (K)	Qty	Range	Light Source	Luminance Lumens (lm)	Watts (W)	Lu/W	LOI	Total Lumens	ULOI	Upward Lumens	CR	** ARI Hour Per Day	** CO ₂ (Tons)	Kwh/Year
4000	5	Semita Urban	6w LED ST	783	6	130.50	100%	3915	0.0%	0	>10	12	0.03	131.40
4000	1	Semita Urban	6w LED FL	812	6	135.33	100%	812	0.0%	0	>10	12	0.01	26.28
4000	2	Semita Urban	6w LED OC	802	6	133.67	100%	1604	0.0%	0	>10	12	0.01	52.56
4000	4	Soul 180 1m	12w LED Radial	775	10	77.50	100%	3100	0.0%	0	>10	12	0.04	175.20
4000	10	Soul 180	12w LED Type V	1050	14	75.00	100%	10500	1.8%	189	>10	12	0.13	613.20

GN01 - 2011				
Table 1 Compliance				
Environmental Zone			E3	
Sky Glow	Target	Achieved	Status	
	1.00%	0.00%	Pass	
Source Intensity (Candies)				
Pre Curfew	10,000		Pass	
Post Curfew	1,000		Pass	
Light Trespass Into Windows (Lux)				
Pre Curfew	10		Pass	
Post Curfew	2		Pass	
Building Luminance (cd/m ²)				
	10		Pass	

Note: we have not been able to calculate this as no housing is shown on the drawing

Note: we have not been able to calculate this as no housing is shown on the drawing

Total Installation Lumen		39931.00	Total Upward Light		0.95%
Total C03 Per Year (Footcandle)			0.21		
Total Electric Consumption (kwh)			0.33		
Total Electric Consumption Per Year (kwh)			998.64		
Average Luminaire Lumen Per Circult Watt			87.42		

Compliance Option

Part D4 - Reduction Of Night Time Light Pollution	Pass
Eno 03 - Energy Efficient External Lighting	Pass
Eno 05 - Internal And External Lighting Levels	Fail

Note - HEAD1 in this report only applies to external lighting
**** ART ** (Average Run Time)**

Date: 29/03/2023