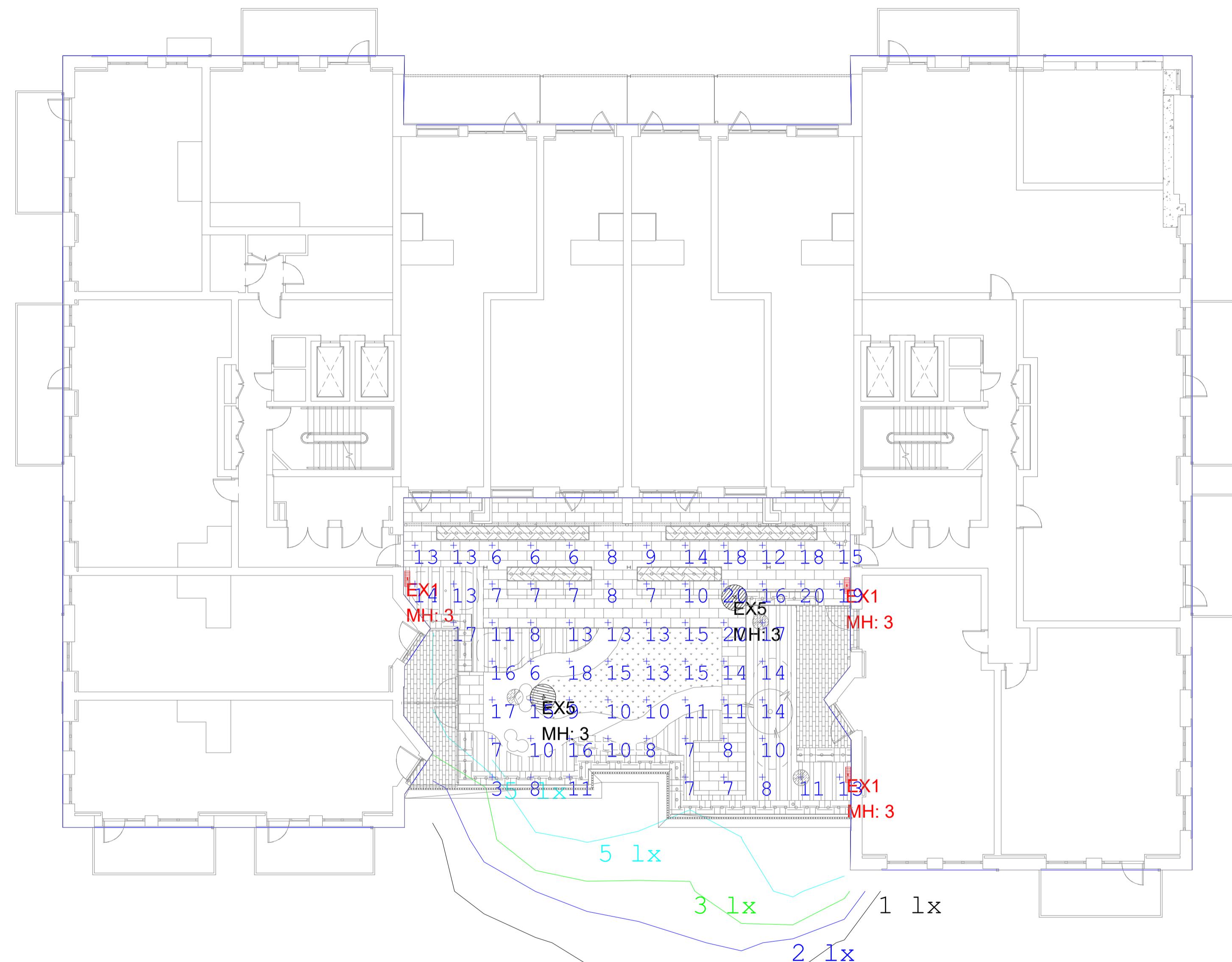


Luminaire Schedule

Symbol	Qty	Label	Arrangement	Description	Lum. Lumens	LLF
	3	EX1	SINGLE	6w LED 4000K Semita Urban bulkhead with street optic building mounted at 3m.	774	0.900
	2	EX5	SINGLE	Soul 3m 4000K 0864001A-840-16 dimmed 50%	2100	0.450

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Uniformity	Diversity
Terrace	Illuminance	Lux	11.77	20	3	0.25	0.15



BREEAM New Construction 2018 (UK)

D48852 Vinyl Square									
CO ₂ Calculation for A Year									
Colour Temperature (K)	Qty	Range	Light Source	Luminous Lumens (lm)	Watts (W)	lm/W	LOR	Total Lumens	ULOR
4000	5	Semita Urban	6w LED ST	783	6	135.50	100%	3915	0.0%
4000	1	Semita Urban	6w LED FL	812	6	135.33	100%	812	0.0%
4000	2	Semita Urban	6w LED OC	802	6	133.67	100%	1604	0.0%
4000	4	Soul 180 1m	19w LED Radial	775	10	77.50	100%	3100	0.0%
4000	10	Soul 180	27w LED Type V	1050	14	75.00	100%	10500	1.8%

GND1 - 2011		
Table 1 Compliance		
Environmental Zone		
Sky Glow		
Source Intensity (Candela)		
Light Trespass Into Windows (Lux)		
Building Luminance		

Note - HEAT in this report only applies to exterior lighting
** ART = (Average Run Time)
** ART = (Average Run Time)
Date 29/03/2023

Project Number	Scale
D48852C TERRACE	1:125 at A1
HEA	Date 29 March 2023
HEMSA	Drawing No. D48852/PA/C
LLP	Lighting Designer: Paul Askew
AFCA	

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