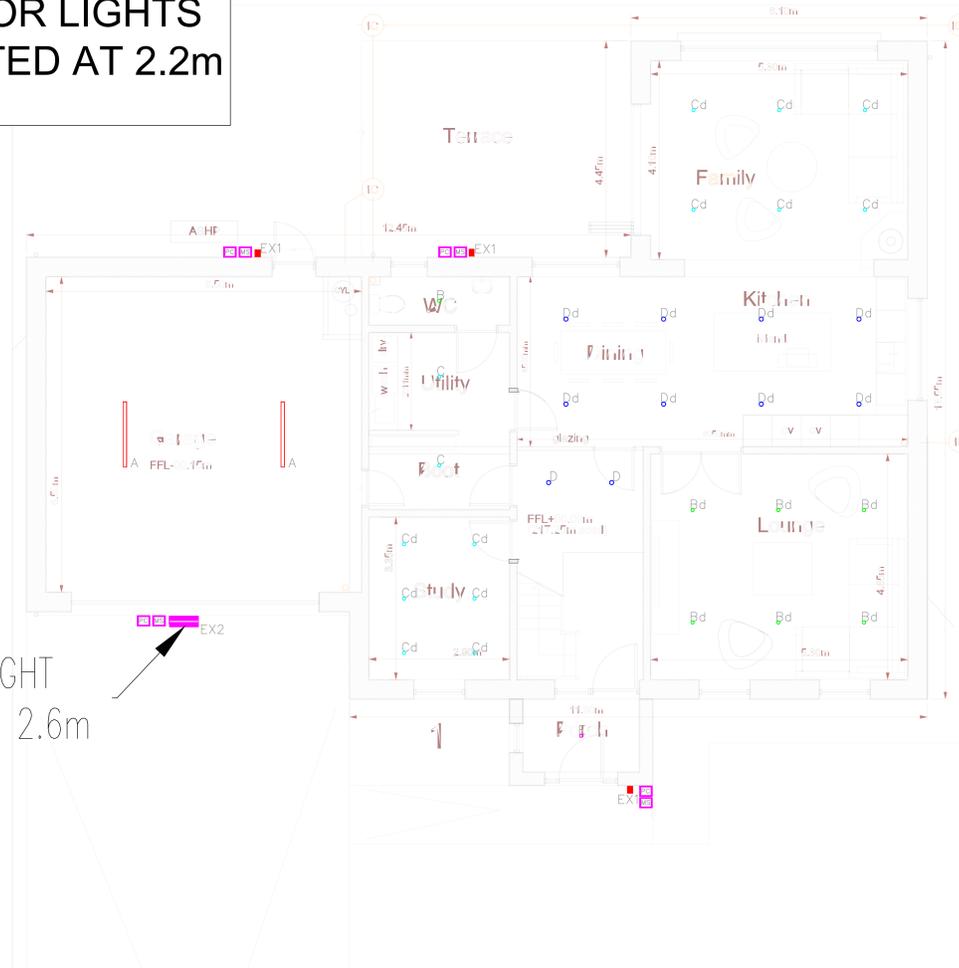


ALL EXTERIOR LIGHTS
WALL MOUNTED AT 2.2m



Ground Floor

First Floor

GARAGE LIGHT
MOUNTED AT 2.6m

#	Name	Parameter	Min	Average	Min/average
GF	Bottom Tread	Perpendicular illuminance	141 lx	167 lx	0.84
GF	Working plane (Garage)	Perpendicular illuminance	184 lx	313 lx	0.59
GF	Working plane (WC)	Perpendicular illuminance	68.2 lx	116 lx	0.59
GF	Working plane (Utility/Boot Hall)	Perpendicular illuminance	86.8 lx	114 lx	0.76
GF	Working plane (Study)	Perpendicular illuminance	322 lx	379 lx	0.85
GF	Working plane (Porch)	Perpendicular illuminance	121 lx	288 lx	0.42
GF	Working plane (Landing)	Perpendicular illuminance	161 lx	215 lx	0.75
GF	Working plane (Dining)	Perpendicular illuminance	227 lx	327 lx	0.69
GF	Working plane (Family)	Perpendicular illuminance	175 lx	206 lx	0.85
GF	Working plane (Lounge)	Perpendicular illuminance	117 lx	151 lx	0.77

#	Name	Parameter	Min	Average	Min/average
FF	Working plane (Bedroom 4)	Perpendicular illuminance	121 lx	210 lx	0.58
FF	Working plane (Bedroom 5)	Perpendicular illuminance	173 lx	244 lx	0.71
FF	Working plane (En Suite)	Perpendicular illuminance	148 lx	320 lx	0.46
FF	Working plane (Bedroom 3)	Perpendicular illuminance	204 lx	274 lx	0.74
FF	Working plane (Upper Landing)	Perpendicular illuminance	158 lx	324 lx	0.49
FF	Working plane (Bathroom)	Perpendicular illuminance	121 lx	233 lx	0.52
FF	Working plane (Bedroom 2)	Perpendicular illuminance	164 lx	239 lx	0.69
FF	Working plane (En Suite)	Perpendicular illuminance	125 lx	253 lx	0.49
FF	Working plane (En Suite)	Perpendicular illuminance	84.4 lx	170 lx	0.50
FF	Working plane (Wardrobe)	Perpendicular illuminance	124 lx	211 lx	0.59
FF	Working plane (Bedroom 1)	Perpendicular illuminance	159 lx	264 lx	0.60
FF	Working plane (Upper Landing)	Perpendicular illuminance	218 lx	244 lx	0.89

LUMINAIRE SCHEDULE								
Index	Manufacturer	Article name	Item number	CCT	Dimmable	Luminous flux	Connected load	Quantity
A	Kellwood Lighting	Naim 2 Series - IP65 Industrial Linear - 63W - 5ft. - Frosted Diffuser - 5000K - 120° Beam Angle	NAI2-PA63A(63W)-850-FR	5000K	N/A	10009 lm	60 W	2
B	Kellwood Lighting	Kellwood Lighting - Webster Series - 8W 3" Premium IP65 LED Downlight - CRI>80 3000K - 60° Beam Angle	WEB-8A-830-60	3000K	N/A	594 lm	8.3 W	12
Bd	Kellwood Lighting	Kellwood Lighting - Webster Series - 8W 3" Premium IP65 LED Downlight - CRI>80 3000K - 60° Beam Angle	WEB-8A-830-60	3000K	TRIAC	594 lm	8.3 W	22
C	Kellwood Lighting	Kellwood Lighting - Webster Series - 10W 3" Premium IP65 LED Downlight - CRI>80 3000K - 60° Beam Angle	WEB-10A-830-60	3000K	N/A	713 lm	10.3 W	2
Cd	Kellwood Lighting	Kellwood Lighting - Webster Series - 10W 3" Premium IP65 LED Downlight - CRI>80 3000K - 60° Beam Angle	WEB-10A-830-60	3000K	TRIAC	713 lm	10.3 W	12
D	Kellwood Lighting	Kellwood Lighting - Webster Series - 15W 4" Premium IP65 LED Downlight - CRI>80 3000K - 60° Beam Angle	WEB-15B-830-60	3000K	N/A	1167 lm	14.3 W	6
Dd	Kellwood Lighting	Kellwood Lighting - Webster Series - 15W 4" Premium IP65 LED Downlight - CRI>80 3000K - 60° Beam Angle	WEB-15B-830-60	3000K	TRIAC	1167 lm	14.3 W	8
E	Kellwood Lighting	Kellwood Lighting - Webster Series - 8W 3" Premium IP65 LED Downlight - CRI>80 3000K - 24° Beam Angle	WEB-8A-830-24	3000K	N/A	617 lm	8.2 W	1
F	Kellwood Lighting	Kellwood Lighting - Whitelaw Series - 15W 6" Premium IP65 LED Downlight - CRI>80 3000K - 90° Beam Angle Opal Lens	WHI-15A-830-90	3000K	N/A	1273 lm	14.4 W	2
Gd	Ansell Lighting	Prism Pro CCT Fire Rated Gimbal	APRIPG/1/WH	3000K	TRIAC	671 lm	6.9 W	12
Hd	Ansell Lighting	Ruby LED	ARULEDP/WW/B	3000K	TRIAC	1540 lm	15.4 W	4
EX1	Kellwood Lighting	Baker Series - LED Bulkhead - 10W - 230mm - CRI>80 2700K	BAK-10-827	3000K	N/A	319 lm	9.4 W	3
EX2	Kellwood Lighting	McFarlane 5 Series: Premium LED Floodlight and Bay Light - 40W - Nichia 3535 LED Chip - CRI>70 3000K - IESNA Type IV Optic with Very Short Lateral Throw - Backpack Guard	MCF5A-40-730-4VS-BG	3000K	N/A	5787 lm	40.1 W	1
MS/PC	To Be Supplied By Electrical Contractor	Motion Sensor/Photocell (Either Combination Units or Dedicated Units for each function)	N/A	N/A	N/A	N/A	N/A	4

- GENERAL NOTES**
- DRAWING SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL SERVICE DRAWINGS.
 - DRAWING SHALL NOT BE SCALED FROM.
- LIGHTING DESIGN PARAMETERS**
- ALL LIGHTING CALCULATIONS GENERATED USING A MAINTENANCE FACTOR OF 1.00.
 - LIGHTING CALCULATIONS REPRESENT 'DAY 1' ILLUMINATION VALUES.
 - GLAZING APERTURES SIMULATED WITH THE BELOW VALUES:
Reflection Factor = 10%
Transmission = 90%
Refractive Index = 1.5
- MITIGATION FACTORS**
- INTERNAL LIGHTING**
- ALL INTERNAL LIGHTING IN SIGNIFICANT PROXIMITY TO GLAZED APERTURES (WINDOWS/DOORS) IS 3000K CCT OR LESS.
 - WHERE APPROPRIATE, INTERNAL LIGHTING IS DIMMABLE TO PROVIDE ADDITIONAL CONTROL OVER ILLUMINATION (NON-CIRCULATION AREAS).
- EXTERNAL LIGHTING**
- ALL EXTERNAL LIGHTS ARE OF 3000K CCT OR LOWER
 - ALL EXTERNAL LIGHTS GENERATE 0% UPWARD LIGHT WHEN MOUNTED WITH 0° UPWARD TILT.
 - ALL EXTERNAL LIGHTS SHOULD BE CONNECTED TO MOTION SENSORS AND/OR PHOTOCELLS TO REDUCE ILLUMINATION TIMES (THIS IS AT THE DISCRETION OF THE CLIENT AND THEIR PREFERRED ELECTRICAL CONTRACTOR TO DETERMINE SUITABLE PLACEMENT)

Drawn By: MTKB
Checked By: DCN

REV	DESCRIPTION	CHK	DATE
000	REASON	INITIALS	DATE

Project:
Design Space Architecture
Leapings Lane
Lighting

Services:
LIGHTING LAYOUT
PLOT 1



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Scale: DO NOT SCALE Date: 21/02/25

Drawing No. PL0008688-DES105-003 Revision. 0