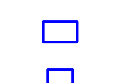
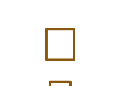
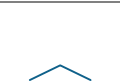
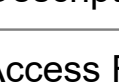
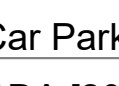
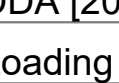
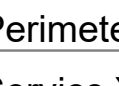
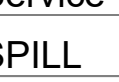


Luminaire Schedule

Symbol	Label	Image	Quantity	Manufacturer	Catalog Number	Description	Number Lamps	Lumens Per Lamp	Light Loss Factor	Wattage
	EX1		15	HOLOPHANE EUROPE LIMITED	DWL.1.LA014.NR.W007	Denver ID Wall c/w 3 Hour Emergency Mounted 4m	1	913	0.9	6.5
	EX2		7	HOLOPHANE EUROPE LIMITED	DSX0.1.LA084.SY	D-Series 0 Area luminaire	1	8184	0.9	64
	EX4		6	HOLOPHANE EUROPE LIMITED	DSX1.2.LA114.AY.BLS	D-Series 1 Luminaire with Back Light Shield	1	9898	0.9	105
	EX5		8	HOLOPHANE EUROPE LIMITED	DSX2.2.LA304.FW	D-Series 2 Luminaire Wall 8m	1	33388	0.9	282
	EX6		4	HOLOPHANE EUROPE LIMITED	DSX1.2.LA114.FW.BLS	D-Series 1 Luminaire with Back Light Shield	1	9818	0.9	105
	EX7		5	HOLOPHANE EUROPE LIMITED	DWL.1.LA034.FW.W018	Denver ID Wall	1	2489	0.9	18

Lighting Calculations

Description	Symbol	Avg	Max	Min	Min/Avg
Access Rd [20/0.40]		20 lux	35 lux	8 lux	0.40
Car Park [10/0.40]		13 lux	25 lux	5 lux	0.38
DDA [20/0.40]		20 lux	25 lux	15 lux	0.75
Loading 50/0.40]		56 lux	81 lux	38 lux	0.68
Perimeter [5/0.25]		9 lux	30 lux	3 lux	0.33
Service Yard [30/0.40]		36 lux	81 lux	15 lux	0.42
SPILL		2 lux	77 lux	0 lux	0.00

Unit 1

2 Storey Offices (1st & 2nd)

Existing

P 10.12.21 Planning Issue

REV DATE DETAILS

briar
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CLIENT:
GRAFTONGATE - OXW HAYES S.a.r.l

PROJECT:
BRIDGEWATER RETAIL PARK, HAYES

DRAWING:
PROPOSED EXTERNAL LIGHTING LAYOUT

SCALE: 1:300 @ A0 DRAWN BY: AW CHECKED BY: BF DATE: DEC '21

JOB: BD1497 DRAWINGS: E-100 REVISION: STATUS: P