



Notes	
1.	Exact location of all services to be agreed and coordinated on site.
2.	The main contractor shall be responsible for all required excavation and reinstatement works to facilitate underground ducts to contain cabling to serve external services including feeder pillars, external luminaires fixed power supplies.
3.	All external services shall be served from the distribution board DB-Ext located in the switchroom.
4.	External lighting will be connected to the onsite BMS for timelock control and also have photocell control and manual overrides.

Luminaire Schedule					
Symbol	Qty	Label	Sap Code	Arrangement	
	20	A	92902125	Single	
	6	A Twin	2 x 93020125	Back-Back	
	20	B	96800094	Single	
	4	C	96779079 (STD - standard)	Single	
Calculation Summary					
Label	Units	Avg	Max	Min	Mix/Avg
1 Upper Car Park	Lux	10.49	23.56	4.91	0.47
2 Lower Car Park	Lux	11.35	25.69	4.29	0.38
3 Building Perimeter	Lux	10.18	31.74	3.29	0.32
4 Main Entrance Plaza	Lux	15.93	27.96	5.05	0.32

UWLR Area Summary	
Label	UWLR
Upward Waste Light Ratio	0.001

Ref A Single Mounted on 6 m Column
 Ref A Twin Mounted on 6 m Column
 Ref B Wall Mounted at 3 m
 Ref C Mounted at 3 m

For the purpose of this design
 Ref A - Post top mounted 3
 Ref A Twin - Side entry 42mm

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Scale	@	Date	Authorised	Checked	NIR	Drawn
1:250		Feb 26	CM	CM	NR	RC
McCann	ER	Status			Status	Revision
6868		Stage 4 Issue			S4	P01
Product	Origin	Volume	Level	Type	Discipline	Number
CCS	MCP	NN	XX	D	E	9001