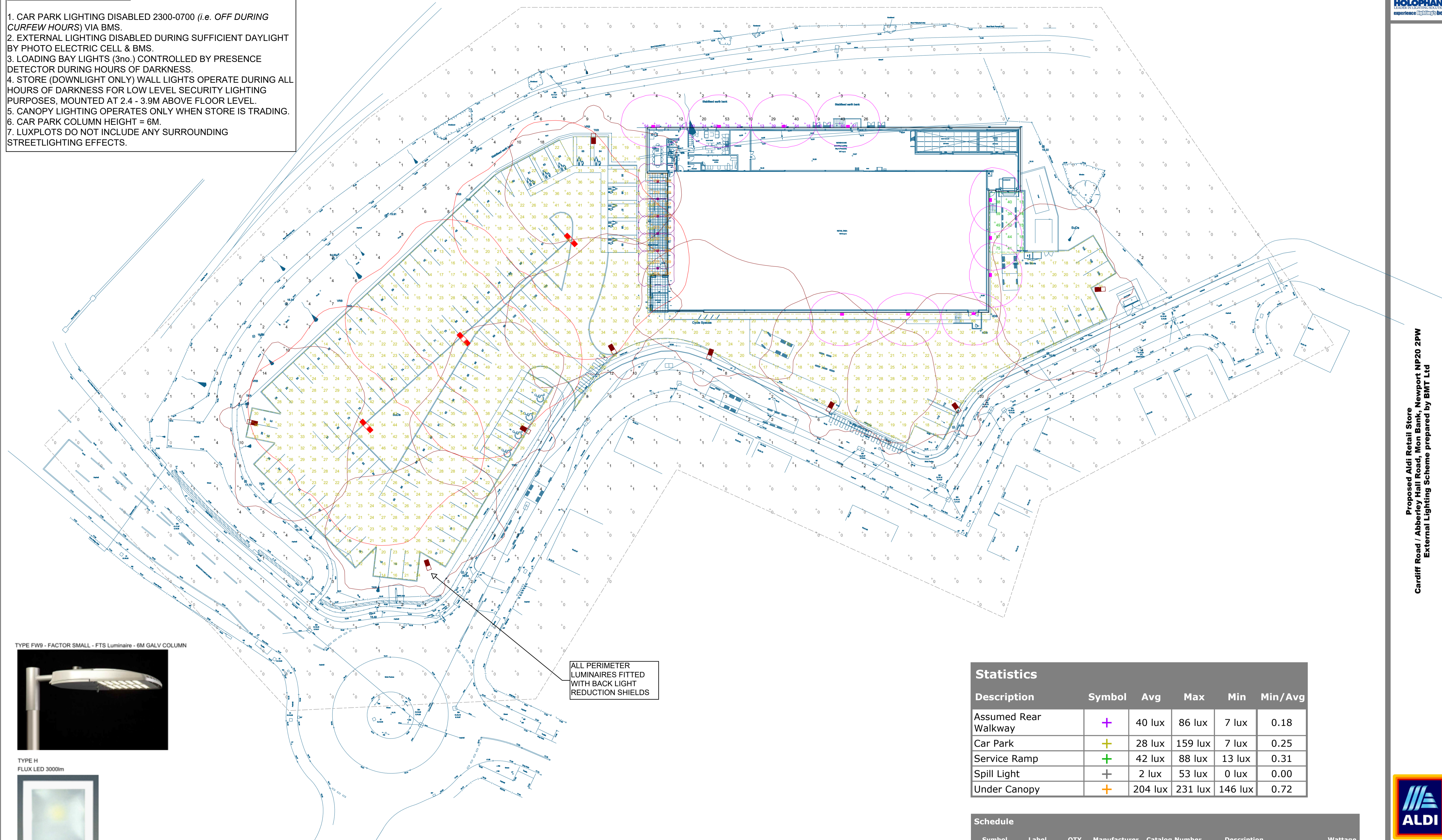


EXTERNAL LIGHTING NOTES

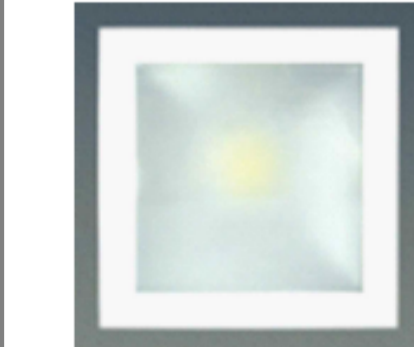
1. CAR PARK LIGHTING DISABLED 2300-0700 (i.e. OFF DURING CURFEW HOURS) VIA BMS.
2. EXTERNAL LIGHTING DISABLED DURING SUFFICIENT DAYLIGHT BY PHOTO ELECTRIC CELL & BMS.
3. LOADING BAY LIGHTS (3no.) CONTROLLED BY PRESENCE DETECTOR DURING HOURS OF DARKNESS.
4. STORE (DOWNLIGHT ONLY) WALL LIGHTS OPERATE DURING ALL HOURS OF DARKNESS FOR LOW LEVEL SECURITY LIGHTING PURPOSES, MOUNTED AT 2.4 - 3.9M ABOVE FLOOR LEVEL.
5. CANOPY LIGHTING OPERATES ONLY WHEN STORE IS TRADING.
6. CAR PARK COLUMN HEIGHT = 6M.
7. LUXPLOTS DO NOT INCLUDE ANY SURROUNDING STREETLIGHTING EFFECTS.



TYPE FW9 - FACTOR SMALL - FTS Luminaire - 6M GALV COLUMN



TYPE H
FLUX LED 3000lm



TYPE K
Apollo LED 39W LED nw



ALL PERIMETER LUMINAIRES FITTED WITH BACK LIGHT REDUCTION SHIELDS

Plan View
Scale - 1 : 304.8

Statistics

Description	Symbol	Avg	Max	Min	Min / Avg
Assumed Rear Walkway	+	40 lux	86 lux	7 lux	0.18
Car Park	+	28 lux	159 lux	7 lux	0.25
Service Ramp	+	42 lux	88 lux	13 lux	0.31
Spill Light	+	2 lux	53 lux	0 lux	0.00
Under Canopy	+	204 lux	231 lux	146 lux	0.72

Schedule

Symbol	Label	QTY	Manufacturer	Catalog Number	Description	Wattage
+	2FW9	3	HOLOPHANE EUROPE LIMITED	FTS.094.FW mounted on 6m columns	FTS Luminaire - 10488 LUMENS	132
+	FW9	0	HOLOPHANE EUROPE LIMITED	FTS1.L094.FW mounted on 6m columns	FTSLuminaire - 10488 LUMENS	66
+	H	6		Flux LED 1x34.5W LED clear glass mounted under canopy	FLUX LED 3000lm	34.5
+	K	10		MTA.5407.157AS.37 mounted on wall @ 3.6m	Apollo LED 27W LED nw	26.3
+	FW9+ BLS	9	HOLOPHANE EUROPE LIMITED	FTS .I094FW BLS mounted on 6m columns c/w back shield	FACTOR SMALL WITH BLS	66

Proposed Aldi Retail Store
 Cardiff Road / Aberley Hall Road, Mon Bank, Newport NP20 2PW
 External Lighting Scheme prepared by BMT Ltd



BUILDING MANAGEMENT TECHNOLOGY
Unit of Forest Business Park
Down Road
Luton LU2 9PL
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Designer
Steve Goater / LSC
Date
29/04/2020
Scale
1:300 @ A1
Drawing No.
B2340 P186-480
Summary
External Luxplot