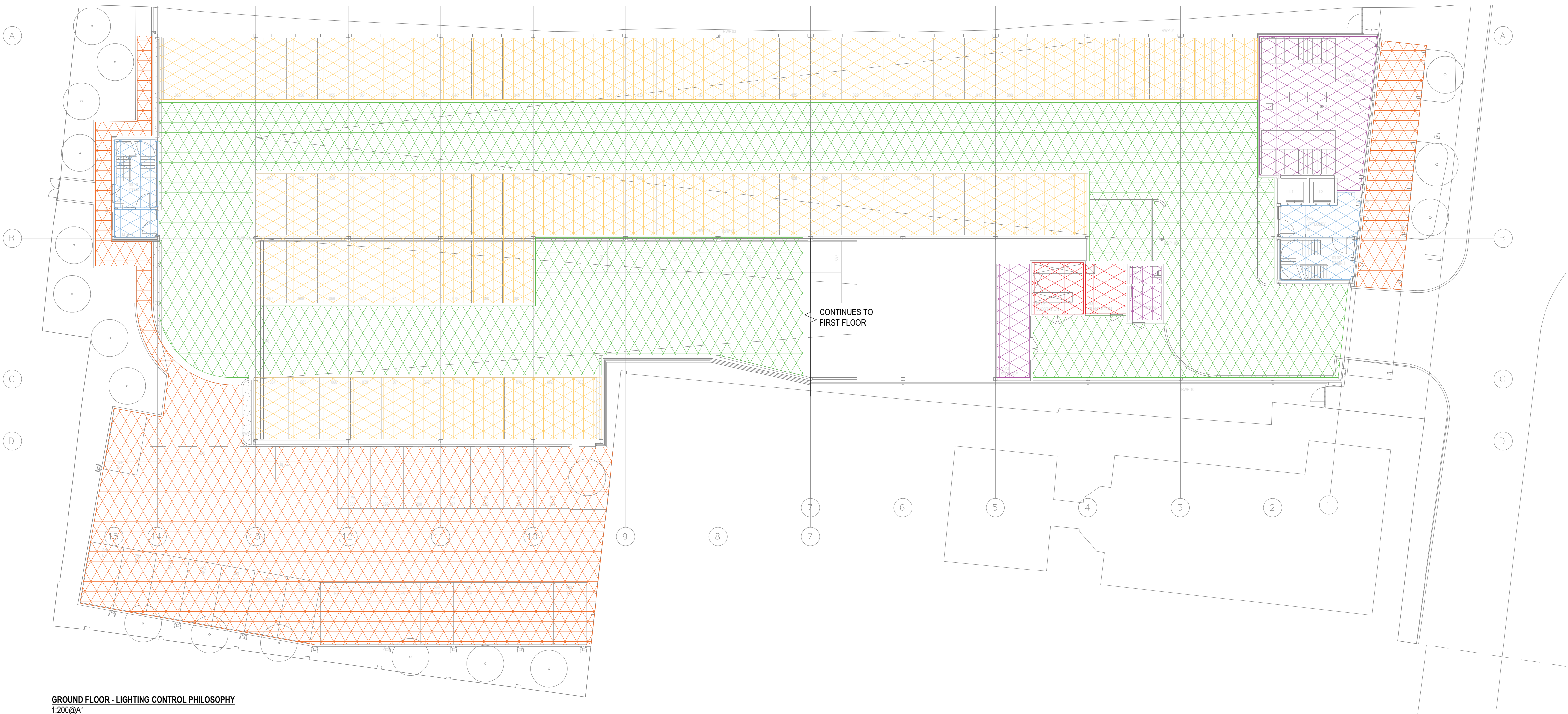
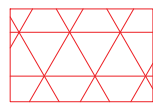


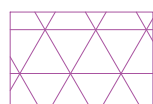


GROUND FLOOR - LIGHTING CONTROL PHILOSOPHY
1:200@A1

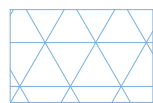
LIGHTING CONTROL LEGEND



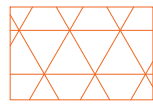
SUBSTATION / PLANT ROOM / RISER
SWITCHED VIA LOCAL LIGHT SWITCH.
SWITCHING TO BE ALL ON OR ALL OFF.



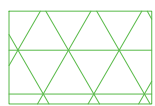
STAFF ROOM / WC / STORAGE / CYCLE STORE
CONTROLLED BY PIR PRESENCE DETECTION.
WHEN MOVEMENT IS DETECTED THE LIGHTS ARE SWITCHED ON.
AFTER A PERIOD OF NO MOVEMENT FOR 20 MINUTES, THE LIGHTS
WILL TURN OFF.



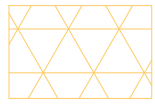
STAIR CORES / LOBBIES
CONTROLLED BY PIR PRESENCE DETECTION.
WHEN MOVEMENT IS DETECTED THE LIGHTS ARE SWITCHED ON
FOR THE CURRENT FLOOR AND THE FLOORS ABOVE/BELOW.
AFTER A PERIOD OF NO MOVEMENT FOR 20 MINUTES, THE
LIGHTS WILL TURN OFF.



ROOF LEVEL CAR PARK / GROUND LEVEL EXTERNAL
CONTROLLED VIA TIMECLOCK AND PHOTOCELL WITH MANUAL SWITCHED
OVERRIDE. MANUAL SWITCHED OVERRIDE LOCATED IN ROOF LEVEL RISER.
SWITCHING TO BE ALL ON OR ALL OFF.
TIMECLOCK & PHOTOCELL WILL ONLY ALLOW LIGHTING TO BE OPERATED
DURING THE HOURS OF DARKNESS WHEN THE CAR PARK IS OPERATIONAL.
PHOTOCELL TO AUTOMATICALLY 'SWITCH OFF' LUMINAIRES AT 1000 LUX.



MAIN CAR PARK - ROADWAY
CONTROLLED BY PIR PRESENCE DETECTION.
WHEN MOVEMENT IS DETECTED THE LIGHTS ARE SWITCHED ON.
LUMINAIRES TO COMMUNICATE WITH LUMINAIRES IN THE SAME BLUETOOTH MESH
ZONE. (CLIENT/END USER TO CONFIRM WHETHER THE WHOLE FLOOR PLATE TO BE
SWITCHED ON OR 'BANKS' OF LUMINAIRES).
AFTER A PERIOD OF NO MOVEMENT FOR 20 MINUTES, THE LIGHTS WILL GO INTO
SET-BACK MODE (10% OUTPUT).
LIGHTING CAN ALSO BE SWITCHED VIA A KINETIC OVERRIDE SWITCH LOCATED IN
THE GROUND FLOOR PLANT ROOM & FIRST FLOOR RISER.
POSITION 1 - AUTOMATIC MODE (STANDARD). PRESENCE DETECTION FROM THE
INDIVIDUAL LUMINAIRES (AS ABOVE)
POSITION 2 - OVERRIDE: ALL LUMINAIRES WITHIN FLOORPLATE (GROUND OR FIRST
FLOOR) TO SWITCH ON. AFTER 20 MINUTES, THE LIGHTING WILL REVERT BACK TO
AUTOMATIC MODE TO PREVENT LIGHTING BEING LEFT ON FOR PROLONGED
PERIODS UNNECESSARILY.



MAIN CAR PARK - NON-ROADWAY
CONTROLLED BY PIR PRESENCE DETECTION.
WHEN MOVEMENT IS DETECTED THE LIGHTS ARE SWITCHED ON.
LUMINAIRES TO COMMUNICATE WITH LUMINAIRES IN THE SAME BLUETOOTH MESH
ZONE. (CLIENT/END USER TO CONFIRM WHETHER THE WHOLE FLOOR PLATE TO BE
SWITCHED ON OR 'BANKS' OF LUMINAIRES).
AFTER A PERIOD OF NO MOVEMENT FOR 20 MINUTES, THE LIGHTS WILL TURN OFF.
LIGHTING CAN ALSO BE SWITCHED VIA A KINETIC OVERRIDE SWITCH LOCATED IN
THE GROUND FLOOR PLANT ROOM & FIRST FLOOR RISER.
POSITION 1 - AUTOMATIC MODE (STANDARD). PRESENCE DETECTION FROM THE
INDIVIDUAL LUMINAIRES (AS ABOVE)
POSITION 2 - OVERRIDE: ALL LUMINAIRES WITHIN FLOORPLATE (GROUND OR FIRST
FLOOR) TO SWITCH ON. AFTER 20 MINUTES, THE LIGHTING WILL REVERT BACK TO
AUTOMATIC MODE TO PREVENT LIGHTING BEING LEFT ON FOR PROLONGED
PERIODS UNNECESSARILY.

NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER
24-7 GROUP DRAWINGS AND DOCUMENTATION.

C01	CONSTRUCTION ISSUE	JM	DR	31/10/2025
P01	PRELIMINARY ISSUE	JM	DR	11/07/2025
rev	description	dwn	chkd	date

Status	CONSTRUCTION			
Client	BURY COUNCIL			
Architect/Proj	JMA / VINCI			
 Craven House - Britannia Road - Sale - Manchester M33 2AA ☎ 0161 8202047 ✉ mail@24-7group.co.uk 🌐 www.24-7group.co.uk				
Project	PRESTWICH TRAVEL HUB			
Title	GROUND FLOOR LIGHTING CONTROL PHILOSOPHY			
project no	drawn by	date	checked	scale
PN01735	JM	JULY 2025	DR	1:200@A1
drawing no. 17300-247-P1-00-D-E-630500				revision C01