This drawing was produced in AutoCAD. DO NOT change manually.
DO NOT scale from this drawing. The contractor must verify all site dimensions.

External Lighting Controls Description:-

- Photocell Control To Automatically Switch Unit 03 External Lighting 'ON' When Daylighting Falls Below 75Lux
- Photocell Control To Automatically Switch Unit 03 External Lighting 'OFF' When Daylighting Rises Above 100Lux
- Interface To Unit 03 Intruder Alarm System To Automatically Override Unit 03 External Lighting 'OFF' When The Intruder Alarm System In Unit 03 Is 'SET' And Daylighting Levels Are Below 75Lux (30 Minute Time Delay Between Unit 03 Intruder Alarm 'SET' Time And External Lighting Switch 'OFF' Time)
- Interface To Unit 03 Intruder Alarm System To Automatically Override Unit 03 External Lighting 'ON' When The Intruder Alarm System In Unit 03 Is 'SET' And In 'ALARM' And Daylighting Levels Are Below 75Lux (Lighting Will Remain 'ON' Until Intruder Alarm Is 'RESET' Then Will Operate As Described Above)
- Time Control To Automatically 'DIM' The Lighting Levels Within Unit 03 Control Zones To Curfew Levels Between 23:00Hrs And 07:00Hrs (See Drawing 02514-HAN-PL-03-DR-E-006341 For Lighting Design Levels During Occupancy Hours & Curfew Hours)
- During The Curfew Hours Any Motion Sensor Activation Within Unit 03 Control Zones 1 to 4 Will Automatically 'RAISE' The Associated Controlled Zone External Lighting Luminaires To Occupancy Levels Over A Period Of 2 Seconds And Will Remain At Occupancy Level For 255 Seconds From The Last Activation On The Associated Motion Sensors
- The Respective Luminaires Will Then 'DIM' Back Down To The Curfew Levels Over A Period Of 5 Seconds



Integrated Wireless Controller

Unit 03 Zone 1 : Lighting Control Schedule - Luminaire / Sensor Control Logic

Luminaire / Sensor Reference	Sensor Z1-S-01	Sensor Z1-S-02	Sensor Z1-S-03	Sensor Z1-S-04	Sensor Z1-S-05	Sensor Z1-S-06
Luminaire C1/BLS-1	YES	YES	YES			
Luminaire C1/BLS-2	YES	YES	YES	YES		
Luminaire C1/BLS-3		YES	YES	YES	YES	
Luminaire C1/BLS-4			YES	YES	YES	YES
Luminaire C1/BLS-5			YES	YES	YES	YES
Luminaire C1/BLS-6	YES	YES				
Luminaire C1-6					YES	YES
Luminaire C1-5						YES

Unit 03 Zone 2a : Lighting Control Schedule - Luminaire / Sensor Control Logic

Luminaire / Sensor Reference	Sensor Z2a-S-01	Sensor Z2a-S-02	Sensor Z2a-S-03	Sensor Z2a-S-04	Sensor Z2a-S-05	Sensor Z2a-S-06	Sensor Z2a-S-07
Luminaires G-1 to G-14	YES	YES	YES	YES	YES	YES	
Luminaire F1/BLS-1				YES	YES	YES	YES
Luminaire F1/BLS-2	YES	YES	YES	YES	YES	YES	
Luminaire F2-1	YES	YES	YES	YES	YES	YES	YES
Luminaire F2-2	YES	YES	YES	YES	YES	YES	
Luminaire F2-3	YES	YES	YES	YES	YES	YES	YES
Luminaire DW-1						YES	YES
Luminaire DW-2							YES
Luminaire C1/BLS-1		YES					
Luminaire C1/BLS-6	YES	YES	YES				
Luminaire CW-2							YES

Unit 03 Zone 2b : Lighting Control Schedule - Luminaire / Sensor Control Logic

Luminaire / Sensor Reference	Sensor Z2b-S-01	Sensor Z2b-S-02	Sensor Z2b-S-03	Sensor Z2b-S-04	Sensor Z2b-S-05	Sensor Z2b-S-06
Luminaire L2-1		YES	YES	YES	YES	YES
Luminaire C1-1	YES	YES	YES	YES	YES	YES
Luminaire C1-2	YES	YES	YES	YES	YES	YES
Luminaire C1-3	YES	YES	YES	YES	YES	YES
Luminaire C1-4	YES	YES	YES	YES	YES	YES
Luminaire C1-5	YES	YES	YES	YES	YES	YES
Luminaire C1-6	YES	YES	YES	YES	YES	YES
Luminaire F1/BLS-3		YES	YES	YES	YES	YES
Luminaire F1/BLS-4		YES	YES	YES	YES	YES
Luminaire F1/BLS-5		YES	YES	YES	YES	YES
Luminaire F1/BLS-6		YES	YES	YES	YES	YES
Luminaire C1/BLS-5	YES			YES	YES	YES
Luminaire AW-1				YES	YES	
Luminaire B1-6				YES	YES	

Unit 03 Zone 3 : Lighting Control Schedule - Luminaire / Sensor Control Logic

Luminaire / Sensor Reference	Sensor Z3-S-01	Sensor Z3-S-02	Sensor Z3-S-03
Luminaire E1-1	YES	YES	YES
Luminaire E1-2	YES	YES	YES
Luminaire E1-3	YES	YES	YES
Luminaire E1-4	YES	YES	YES
Luminaire B1-1	YES	YES	YES
Luminaire C1-1	YES	YES	YES
Luminaire C1-2	YES	YES	YES
Luminaire AW-7	YES	YES	YES

Unit 03 Zone 4 : Lighting Control Schedule - Luminaire / Sensor Control Logic

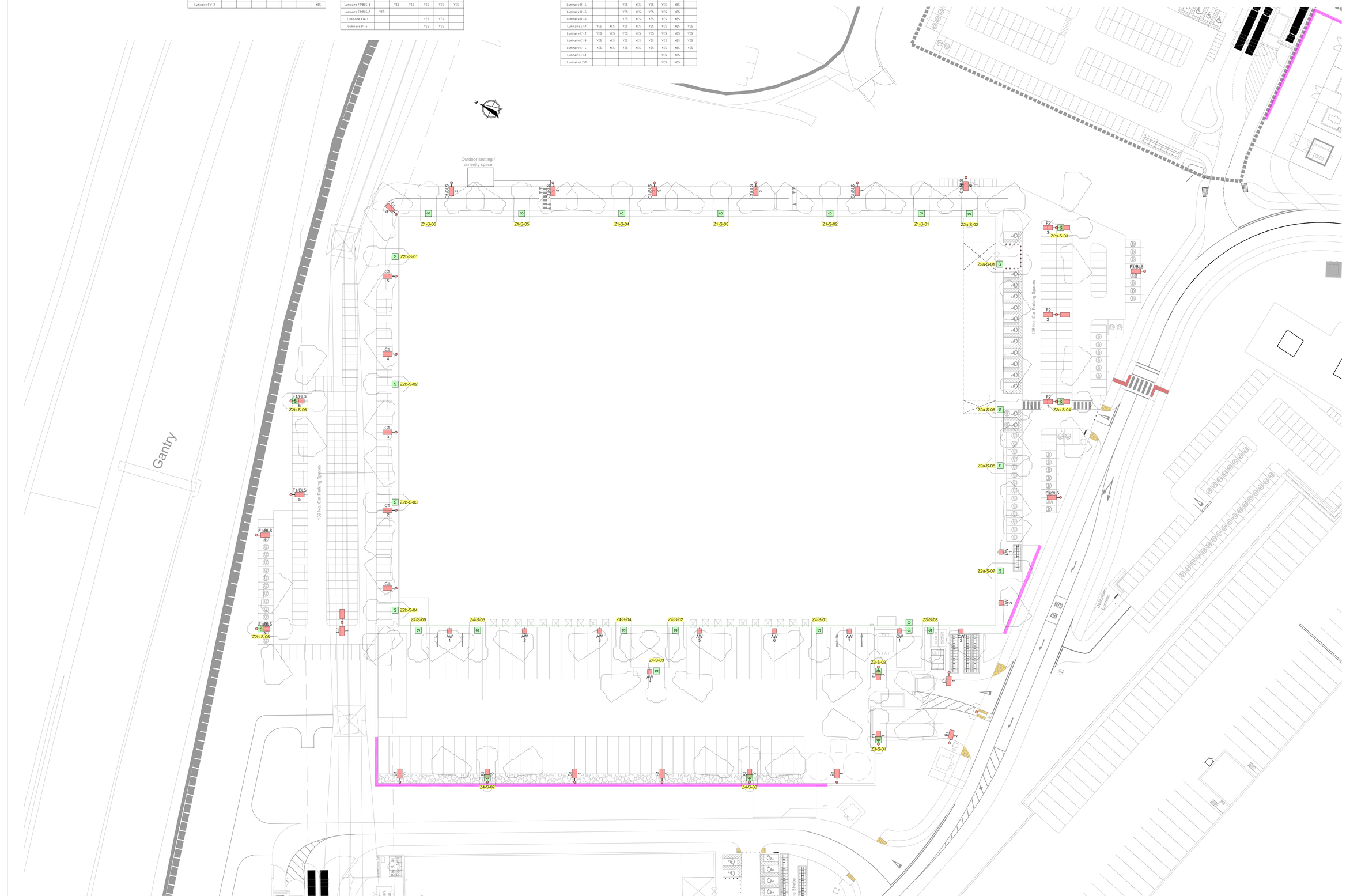
Luminaire / Sensor Reference	Sensor Z4-S-01	Sensor Z4-S-02	Sensor Z4-S-03	Sensor Z4-S-04	Sensor Z4-S-05	Sensor Z4-S-06	Sensor Z4-S-07	Sensor Z4-S-8
Luminaire AW-1			YES	YES	YES	YES	YES	
Luminaire AW-2			YES	YES	YES	YES	YES	
Luminaire AW-3			YES	YES	YES	YES	YES	
Luminaire AW-4	YES	YES	YES	YES	YES	YES	YES	YES
Luminaire AW-5	YES	YES	YES					YES
Luminaire AW-6	YES	YES	YES					YES
Luminaire AW-7	YES	YES	YES					YES
Luminaire B1-1	YES	YES	YES					YES
Luminaire B1-2	YES	YES	YES					YES
Luminaire B1-3	YES	YES	YES	YES	YES	YES	YES	YES
Luminaire B1-4			YES	YES	YES	YES	YES	
Luminaire B1-5			YES	YES	YES	YES	YES	
Luminaire B1-6			YES	YES	YES	YES	YES	
Luminaire E1-1	YES	YES	YES	YES	YES	YES	YES	YES
Luminaire E1-2	YES	YES	YES	YES	YES	YES	YES	YES
Luminaire E1-3	YES	YES	YES	YES	YES	YES	YES	YES
Luminaire E1-4	YES	YES	YES	YES	YES	YES	YES	YES
Luminaire C1-1					YES	YES	YES	
Luminaire L2-1					YES	YES		

External Lighting Controls Equipment Schedule

Symbol	Image	Label	Quantity	Catalogue Number	Description	Mounting
G		G	1	CTA.GATE	ControLuxAir Gateway	Wall Mounted / Column Mounted @ 5m
S		S	30	CTA.CTS.01	ControLuxAir Sensor	Wall Mounted / Column Mounted @ 5m
O		O	1	CTA.UID.01	ControLuxAir Interface	Wall Mounted

External Lighting Controls Cause And Effect Schedule

External Lighting	Control Input Status / External Lighting Control Status			
	Master Control		Control Override (When Daylight Levels <75Lux)	
Control Zones	Photocell (Day>100Lux)	Photocell (Day<75Lux)	Intruder Alarm Unit 03 'SET'	Intruder Alarm Unit 03 'SET' & In 'ALARM'
Unit 03	OFF	ON	OFF	ON



No	Date	Description	Drawn	Checked
3	08 Oct 25	Updated To Suit Architects Masterplan Drawing Number 22605-UMC-XXXX-SI-DR-A-0671-Illustrative Masterplan-P18 FOR APPROVALS	TRF	JW
2	26 Oct 24	Updated To Suit Architects Masterplan Drawing Number 22605-UMC-XXXX-SI-DR-A-0671-Illustrative Masterplan-P09 FOR APPROVALS	TRF	JW
1	28 Jun 23	FOR APPROVALS	TRF	JW

Hannan Associates
MEP Design Solutions

Hannan Associates Ltd
Beta House
Alphagate Drive
Manchester Road
Denton
M34 3SH
Tel : +44 (0)161 337 2200
Email : info@hannan-uk.com
Web : www.hannan-uk.com

Client
TRITAX SYMMETRY
A TRITAX BIG BOX COMPANY

Project
Symmetry Park
Merseyside

Design Stage
Planning

Drawing Title
Site Plan - Unit 03
Electrical Services
External Lighting Controls Layout

HWA Project Number: 4032
Scale @ A0: 1:400

Drawing Number
02514 - HAN - PL - 03 - DR - E - 006381

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