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- External Lighting Notes**
- This layout shall be read in conjunction with all other services, architectural and structural information, project specifications and contract documentation.
  - The electrical installation shall be installed in accordance with the 18th Edition of IET Wiring Regulations BS 7671 (Requirements for Electrical Installations) including all amendments.
  - The Electrical Contractor shall be responsible for the design, supply, coordination, installation, testing, commissioning and setting to work of a complete external lighting system.
  - All in ground services to be installed at depths to meet NBS/Guidelines.
  - Lighting shall be provided in accordance with:
    - CIBSE Lighting Guide 6 The Outdoor Environment.
    - BS 12464-2 Outdoor Work Places.
  - Lighting shall achieve an average of 10 lux at ground level on road ways and 5 lux on walk ways.
  - Lighting shall be provided and located in line with the requirements of the Institution of Lighting Engineers guidance notes on the reduction of obtrusive light.
  - Final setting out and site coordination to be completed by the Main Contractor or their nominated subcontractor.
  - Final locations of lighting columns shall be coordinated with proposed below ground services by the Main Contractor or their nominated subcontractor.
  - External lighting control equipment shall incorporate manual override switch, time switch, photocell and contactors to restrict energisation of external lighting when ambient lighting levels are sufficient.
  - Draw pit chambers and below ground ducts to be provided and installed by the Main Contractor.
  - Draw pit chambers shall be provided where required and at all changes of direction.
  - Carriage way grade draw pit chambers shall be provided where required.
  - All cable ducts shall be provided with draw ropes.
  - Power cabling to external equipment such as luminaires, CCTV cameras and powered gates shall be carried out in suitably sized multi core XLPE/SWALSF cabling.

P02	JM	17.02.23	Preliminary Issue.
P01	JM	09.02.23	Preliminary Issue.
Rev	By	Date	Description

THE ASSOCIATED CONSULTING ENGINEERS

Project Engineer: Eric Wright  
Design Engineer: Eric Wright  
Check Engineer: Eric Wright  
Drawn: Eric Wright  
1. 02.02.23  
2. 02.02.23  
3. 02.02.23  
4. 02.02.23  
5. 02.02.23  
6. 02.02.23

Client: Eric Wright

Project: Clitheroe Care Home

Drawing Title: Proposed External Lighting Layout

Drawn	SM	Date	02.02.23	By	SM	Date	02.02.23	Project	PA1674-TAC-XX-XX-DR-E-63001
Checked	JM	Date	02.02.23	External Ref	-				
Approved	JM	Date	02.02.23	Scale	1:200 at A0			Issue Status	--
Job	PA1674	Drawing No	TAC-XX-XX-DR-E-63001	Rev	P02				