UNIT D3-K
4,500 sqft

UNIT D3-G
3,000 sqft

UNIT D3-H
3,000 sqft

PLOT D4

UNIT D4

YARD

Building Mounted Flood Lighting (EX2)
Mounted @ Approximately 5 Meter AFFL.

External Lighting Controls
Positioned at Electrical Intake
Time Clock, Photo-Cell &
Manual Over Ride Switch.

Twin Head 2 x 200Watt (EX3) LED Floodlights
Mounted Directley on a 8 Meter Steel Lighting Column.

Cable Duct Serving
Lighting Column.

Building Mounted Flood Lighting (EX4)
Mounted @ Approximately 5 Meter AFFL.

Building Mounted Flood Lighting (EX3)
Mounted @ Approximately 6 Meter AFFL.

LOW RETAINING WALL

PERIMETER FENCE

PLANNING RED LINE BOUNDARY

EXISTING
BATTER

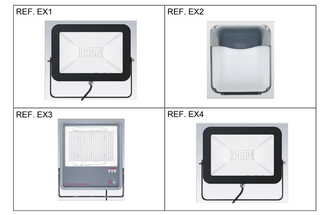
Luminaire Schedule.

Ref. EX1 - Thorn Alice Floodlight 100watt LED.

Ref. EX2 - Kingfisher Paralume Wallpack 21watt LED.

Ref. EX3 - Thorn LEO Floodlight 200watt LED.

Ref. EX4 - Thorn Alice Floodlight 50watt LED.



Electrical Schedule.

- MCCB Switch Panel Board (refer to Drg for size & type).
- MCB distribution board (refer to Drg for size & type).
- Twin 13amp switched socket (office use).
- CL Twin 13amp switched socket (cleaners use - suffic CL).
- LL Single 13amp socket (below worktop for fridge).
- 3 compartment PVC Dado trunking.
- 13amp. switched fused spur unit.
- 13amp. unswitched fused spur unit.
- HD Hand-dryer unit (supplied & fitted by end-user).
- PIR DIM (P) Occupancy detector (lighting) - PIR Dimming.
- PIR STD (P) Occupancy detector (lighting) - PIR Standard.
- 1 way light switch (# denotes gang(s).
- 2 way light switch (# denotes gang(s).
- EM-K Key switch (emergency lighting test).
- Intermediate light switch (# denotes gang(s).
- Isolator unit (size tbc) (Roller Shutter).
- TC Time Clock (external lighting).

The external lighting has been designed as per the notes below:

1. Hea 01: All external lighting has been designed in accordance with the recommendations given in CIBSE LG6:2016 and guidance notes for reduction of obtrusive light.
2. Building and column mounted LED floodlights have been allowed to car parks and low level LED bulkheads have been allowed to the external pathways surrounding the building.
3. Lighting levels are in accordance with CIBSE LG6.
4. Ene 03: The average luminaire initial efficacy of the external lighting in above 60luminaire lumens per circuit watt.
5. The floodlighting achieves 105lm/w and the wall bulkheads are 85lm/w.
6. Pol 04: The external lighting has been designed and complies with table 2 and it accompanying notes of the ILP Guidance notes for the reduction of obtrusive light 2011 and does not exceed E3 5% of upward light.

REVISION	DESCRIPTION	DATE
/	/	/

CLIENT

Barnfield Construction
Kenyon Road, Lomeshaye Industrial Estate,
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Tel: 01282 442300

PROJECT

Units D3 - D4 Kingsway Business Park Rochdale.

ph ELECTRICAL SERVICES LTD.
Design & Install - Electrical Building Services (est.2005)

STANDROYD BARN, SKIPTON OLD ROAD
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DRAWN	CHECKED
ML - 18	PH - 18

SCALE	ORIGINAL SIZE	ISSUE STATUS
1:150	A1	Awaiting Approval

TITLE

Unit D4 ~ External Lighting Layout.

DRAWING NUMBER

602-10E