Lighting on site will comprise PIR floodlights mounted above doorways, as shown on layout drawing ref: 21363-0204, as shown in the extract below. There will be no lighting required for the associated access track.

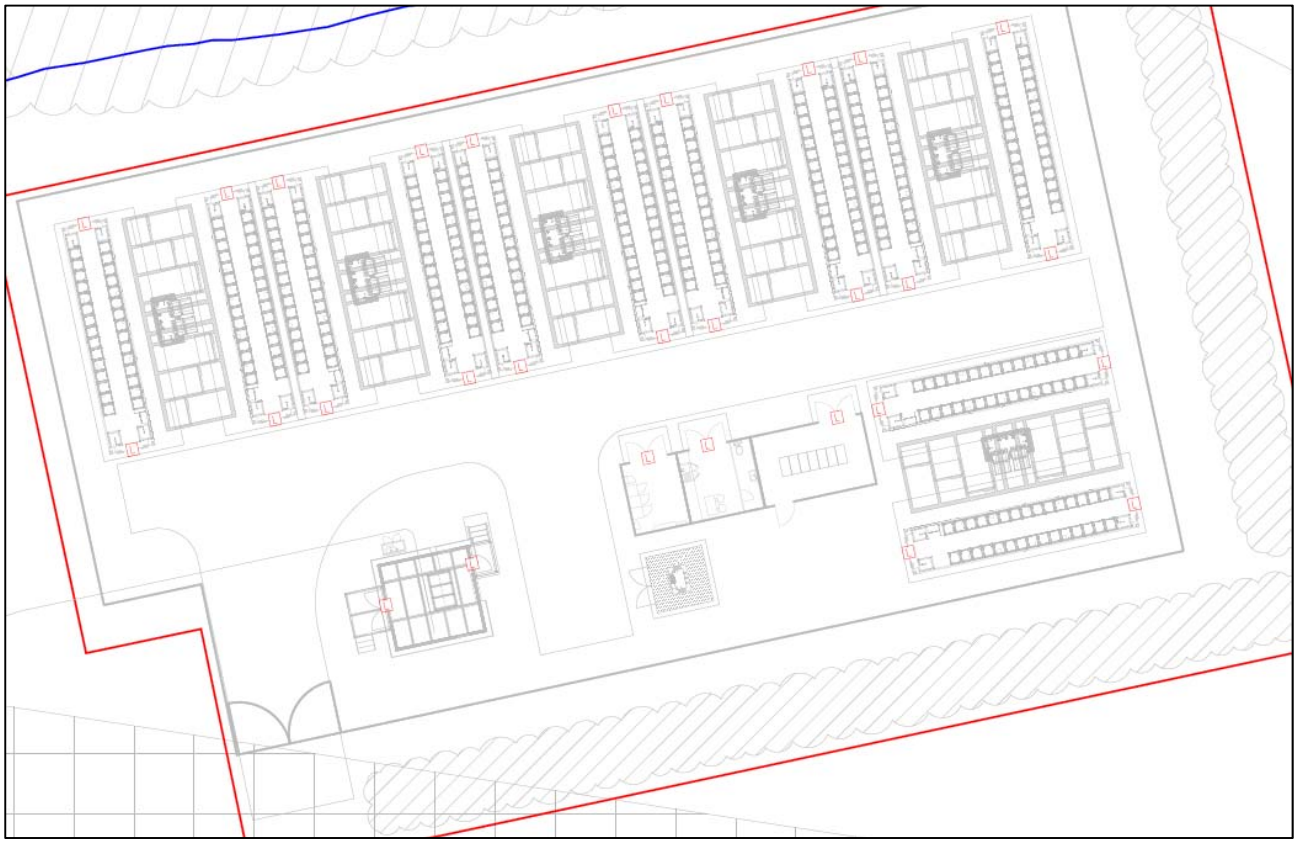


**Figure 1: Lighting Arrangement (extract from drawing ref: 21363-0204)**

The specification of the proposed lighting is as follows;

- 2400 lumen;
- Adjusted to a 45 degree angle, pointed downwards;
- All lighting installed on site will be directed into the site, this will ensure that lighting is only activated when required; and
- Lights will be activated via motion sensors or manually by engineers if required during maintenance or in an emergency situation. At all other times the site will remain unlit;
- The lights will be on approx. 30 second timers.

The specification sheet for the proposed lighting units is enclosed.

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ORIGINAL DRAWING SIZE - A1

N
W E
S

LANDLORDS PROPERTY
PROPOSED SITE

**LED Flood light with PIR control**

Mounted above each door pointing down to the ground
PIR control for movement sensing (PIR timer set to 30 seconds)
Manual Switchgear override.
Once the site is constructed and commissioned this lighting will only be used for service and fault conditions (we expect this not to exceed 5 days per year)
We would not expect for more than ten of these lights to be on an any one time.

0 5 10 15 20
SCALE BAR 1:100

| VERSION | DRAWN BY | CHECKED BY | APPROVED BY | DATE |
|---|---|---|---|---|
| P2 | REMOVED ENSO LOGO | RN | MH | CN | 08/11/2019 |
| P1 | FIRST ISSUE | RN | MH | CN | 10/09/2019 |

DRAWING STATUS
FOR PLANNING

SMITH brothers
CONTRACTING LIMITED

**Smith Brothers (Contracting) Limited**
Unit G8, Navigation Close, Lowfields Business Park, Elland, West Yorkshire, HX5 9HB

CLIENT: ARLINGTON ENERGY LTD
CLIENT PROJECT REF.: DBY001

SITE ADDRESS
BACK LANE, CHESTERFIELD, S44 5XE

DRAWING TITLE
BACK LANE (20MW, 33kV)
PROPOSED LIGHTING ARRANGEMENT

SCALE: 1:100 Original Size A1
DNO: WPD
DRAWN BY: RN
DRAWING NUMBER: 21363-0204
REVISION: P2



# LAP LED PIR FLOODLIGHT BLACK 30W DAYLIGHT

- IP44
- Energy Efficient
- Adjustable Head
- 120° 10m PIR Detection Range
- Model No:
- Adjustable Dusk-to-Dawn Sensor

## SPECIFICATION

| | |
|---|---|
| **Adjustable** | Adjustable Head |
| **Brand** | LAP |
| **Colour** | Black |
| **Colour Temperature Description** | Daylight |
| **Colour Temperature Value** | 5000 K |
| **Construction Material (Lighting)** | Aluminium & Plastic |
| **Fixings Supplied** | Fittings Supplied |
| **IP Rating** | IP44 |
| **Lamp Type** | LED |
| **Lighting PIR Range** | 10 m |
| **Lm** | 2400 lm |
| **Manufacturer Guarantee** | 3 Year Manufacturer's Guarantee (T&Cs Apply) |
| **Pack Size** | 1 |
| **Parent Colour** | Black |
| **Pieces in Pack/Case** | 1 |
| **PIR** | PIR |
| **Power Consumption** | 30 W |
| **Power Voltage Supply** | 220-240 V |
| **Product Depth** | 224 mm |
| **Product Height** | 250 mm |
| **Product Type** | PIR Floodlight |
| **Product Width** | 160 mm |
| **Quantity/Type Of Lamps Supplied/Required** | Integrated LED |