



- ① THE EXTERNAL LIGHTING STRATEGY SHALL BE DESIGNED IN COMPLIANCE WITH TABLE 2 (AND ITS ACCOMPANYING NOTES) OF THE LP GUIDANCE NOTES FOR THE REDUCTION OF OBTRUSIVE LIGHT, 2011.
- ② THE LIGHTING SCHEME SHALL UTILISE A MIXTURE OF THE FOLLOWING LUMINAIRE TYPES TO ACHIEVE THE DESIRED ILLUMINANCE LEVELS
  - COLUMN MOUNTED LED LANTERNS
  - LOW LEVEL LED BOLLARDS
  - WALL MOUNTED LED BULKHEADS
- ③ AN ARCHITECTURAL LIGHTING SCHEME WILL BE PROVIDED TO HIGHLIGHT THE EXTERNAL FAÇADE AND MAIN BUILDING ENTRANCES
- ④ THE EXTERNAL LIGHTING SCHEME FOR THE PROJECT SHALL BE DESIGNED TO ACHIEVE THE FOLLOWING BREAM CREDITS
  - TRA 03 CYCLIST FACILITIES: CYCLIST STORAGE
  - ENB 03 EXTERNAL LIGHTING
  - POL 04 REDUCTION OF NIGHT TIME LIGHT POLLUTION
- ⑤ THE EXTERNAL LIGHTING SCHEME SHALL BE SUPPLIED FROM A SERIES OF EXTERNAL FEEDER PILLARS STRATEGICALLY LOCATED AROUND THE SITE. THE EXTERNAL FEEDER PILLAR SHALL BE METERED AT SOURCE.
- ⑥ THE EXTERNAL LIGHTING CONTROL SCHEME SHALL BE AUTOMATICALLY CONTROLLED BY TIME CLOCK AND PHOTO CELLS TO PREVENT OF OPERATION DURING DAYLIGHT HOURS
- ⑦ ALL EXTERNAL LIGHTING (EXCEPT FOR SAFETY AND SECURITY AND POLICE OPERATIONAL LIGHTING) SHALL BE AUTOMATICALLY SWITCHED OFF BETWEEN 23:00 AND 07:00.
- ⑧ THE AVERAGE INITIAL LUMINANCE EFFICACY OF THE EXTERNAL LIGHT FITTINGS WITHIN THE CONSTRUCTION ZONE IS NOT LESS THAN 60 LUMINAIRE LUMENS PER CIRCUIT WATT.
- ⑨ ILLUMINATED TOTEM & ADVERTISEMENTS, WHERE SPECIFIED, SHALL BE DESIGNED IN COMPLIANCE WITH ILE TECHNICAL REPORT 5 - THE BRIGHTNESS OF ILLUMINATED ADVERTISEMENTS.

|                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p align="center"><b>SAFETY, HEALTH AND<br/>ENVIRONMENTAL INFORMATION</b></p> <p>In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following :</p> |
| <p><b>CONSTRUCTION</b></p> <p>-TBC</p>                                                                                                                                                                          |
| <p><b>MAINTENANCE / CLEANING</b></p> <p>- As above</p>                                                                                                                                                          |
| <p><b>DECOMMISSIONING / DEMOLITION</b></p> <p>- As above</p>                                                                                                                                                    |
| <p>It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement</p>                                                                   |

|     |            |                     |       |        |       |         |
|-----|------------|---------------------|-------|--------|-------|---------|
| PL1 | 24/07/2015 | ISSUED FOR PLANNING | JR    | MD     | BC    | GC      |
| Rev | Rev. Date  | Purpose of revision | Drawn | Checkd | Rev'd | Apprv'd |

**JACOBS™**

5 First Street, Manchester, M15 4GU  
Tel: +44(0)161 235 6000 Fax: +44(0)161 235 6001  
[www.jacobs.com](http://www.jacobs.com)

POLICE & CRIME COMMISSIONER  
OF  
NORTH WALES

EASTERN COMMAND AND  
CUSTODY FACILITY

## EXTERNAL SERVICES LAYOUT

## PLANNING

1:500 @ A1

|            |  |
|------------|--|
| 1.000 @ 11 |  |
| B1305210   |  |

|         |  |
|---------|--|
| ent no. |  |
|---------|--|

B1305210/SK/E204

This drawing is not to be used in whole or part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.