

- NOTES
- All dimensions are in millimetres unless otherwise stated
  - This drawing is to be read with all other relevant documentation
  - Do not scale from this drawing, all measurement data should be taken directly from the model

Lighting

- As Dextra Runway Continuous Suspended LED 24W Bi-directional
- As Dextra Runway Continuous Suspended LED 26W Bi-directional
- As Dextra Graduate Surface LED 26W
- As Dextra Amenity Surface LED 20.9W
- As Dextra Amenity Wall Mounted LED 20.9W
- As Dextra Amenity Surface LED 28W
- As Dextra Runway Wall Mounted 34.5W Bi-directional
- As Dextra Runway Wall Mounted 34.5W Bi-directional 3 hour emergency variant
- As Dextra AME2 Non-maintained PFS emergency bulkhead
- As Dextra Opus 2 LED Floodlight
- As Dextra Hydra Linear Surface LED 16.4W
- As Dextra HEE emergency exit sign, suspended or wall mounted as necessary
- Decorates 3-hour, self-test emergency variant
- Manual light switch
- Detail A - Lighting Control Legend
- Luminaires controlled via integral Dextra Reacta-Air presence detectors
- Luminaires to be manually switched via manual switches local to room

Lighting Notes

All works shall be carried out in accordance with BS7671 latest edition, the particular electrical specification and Manchester City Council's standard electrical specification.

The existing emergency lighting is served via a central battery system. This system shall be safely disconnected and removed. New emergency lighting shall be self-contained, self-test, 3 hour emergency variants of the general lighting luminaires.

The existing emergency lighting shall be wired from local lighting circuits in fire rated cable.

The new internal lighting shall be as the lighting schedule or equal and approved. All luminaires shall be LED with efficiencies of 120lm/W or greater.

Locations of light switches and presence detectors are indicative and final locations shall be agreed on site.

Light switches shall be mounted no higher than 1200mm from FFL in accordance with the building regulations and the equality act.

Exterior lighting to be controlled via time clock and photo cell with manual override switch. Override switch to be located within reception office, final location to be confirmed on site.

Continuous runway luminaires shall be installed as to form one complete continuous suspended luminaire complete with corner pieces and end caps as required. The contractor shall confirm all measurements and accessories required with the lighting manufacturer.

Wall mounted luminaires within the dome section shall be mounted at approximately 3000mm AFTL. All positions to be agreed on site once existing ceiling removed and dome structure finished.

Luminaires shall be controlled as indicated in Detail A. Presence detection shall be by Dextra Reacta-Air sensors. The contractor shall commission luminaires in groups so that any one luminaire activated in a group shall also switch on those in the same group / area.

Upon no occupancy, luminaires shall be commissioned to dim down to 25% output for 15 minutes. After 15 minutes the lights shall dim down to 10% output before switching off completely. All time intervals shall be confirmed by the client and CA.

The contractor shall supply and install a manual override switch for those luminaires controlled by presence detection. The location of the manual override shall be confirmed on site by the client and CA.



| DRAWING STATUS                                                                      |  |                  |  | INFORMATION                     |  |                                     |  |
|-------------------------------------------------------------------------------------|--|------------------|--|---------------------------------|--|-------------------------------------|--|
| PROPERTY TITLE<br>Chorlton District Library<br>Manchester Road, Chorlton<br>M21 9PN |  |                  |  | UPPROJ<br>U10023047970          |  |                                     |  |
| PROJECT TITLE<br>Open Libraries                                                     |  |                  |  | DRAFT NO.<br>-                  |  |                                     |  |
| DRAWING TITLE<br>Proposed Basement Lighting Layout                                  |  |                  |  | PROJECT TITLE<br>Open Libraries |  |                                     |  |
| JOB NO.<br>LG44705.1                                                                |  | DATE<br>16.05.22 |  | REV                             |  | DRAWING NO.<br>MCC-B01-B1-DR-E-0031 |  |
| SCALE<br>1:50@A0                                                                    |  | AUTHOR<br>TB     |  | CHECKED BY                      |  | APPROVED BY                         |  |

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B01-B1-005  
Tunnels

B01-B1-002  
Circ

B01-B1-001  
Stairs

B01-B1-003  
Store

B01-B1-004  
Boiler

Basement Stairs, Circ  
and Store Light Switch

B01-B1-000

Main Building

B01

Basement

GEA: 57.1

TRA: 40.4

GIA: 50.4

NIA: 3.1