City Art Gallery floodlight installations.

-Following investigation these F1 type floodlights are served from the street lighting power supplies, and there for are not operated as part of the Manchester Art Gallery.

City Art Gallery light-well installations.

- Install new wedge lights, P4, with the intention of retaining the existing infrastructure (cabling, junction boxes, containment).

- Installation height approximately 2m, above head height, where current luminaires are mounted.

- All uplighters to be replaced with the specified P4 replacement luminaires.



Out of scope due to installation and maintenance concerns

Out of scope as luminaires are not installed

Out of scope as luminaires are not installed

Out of Scope

Out of scope due to installation and maintainence concerns

Athenaeum light-well installations.

- Retaining wall installation. Install new wedge lights, P4.
- New infrastructure (cabling, junction boxes, containment, etc.) required.

- Installation height approximately 2m, above head height, where current luminaires are mounted.

- Installation to match City Art Gallery light-wells.

Out of scope as luminaires are not installed

Please note this drawing and application relates to the Athenaeum (Grade II*) building only. Other works (to the City Art Gallery and 2002 extension) are subject to a separate LBC.

City Art Gallery light-well installations.

- Install new wedge lights, P4, with the intention of retaining the existing infrastructure (cabling, junction boxes, containment).

- Installation height approximately 2m, above head height, where current luminaires are mounted.

- All uplighters to be replaced with the specified P4 replacement luminaires.



Paving stone in-ground replacements.

- Replace existing recessed inground luminaires with 01 luminaire. Luminaires to have IP66 rating and similar dimensions to existing.

-Requires civil works for rewiring.

Note:
1. This drawings outlines proposed external lighting replacement works, to ensure adequate illuminance for CCTV recognition.

2. Additional wiring required should route along the edges of light wells, and should have be clipped back and have a tidy finish. Available power capacity was reviewed, as it is anticipated that existing circuits may be repurposed where feasible.

3. Where luminaires are recessed into the ground, alternative luminaire will be of similar size to minimise alteration works required.

4. Lighting controls to external lighting will be required to ensure external lighting turns on automatically at dusk, and off at dawn. The existing lighting control system requires surveying, and will be re-utilised where feasible. Where not feasible, new astronomical time clocks and contactors will be installed adjacent to distribution boards.

5. Existing emergency lighting is not proposed to be altered. The condition of the emergency lighting system should be surveyed but is not in this scope of works.

6. The F1 type floodlights are served from the street lighting power supplies and not operated by Manchester Art Gallery and are therefore out of scope. Floodlights are likely be maintained by AMEY under the highway lighting PFI.

7. An associated luminaire schedule will be produced to specify the luminaires that are to be installed.

8. This drawing has incorporated the required Civil works for the external lighting installation. The civil works assessment was conducted by KEY IS.

9. Replacement of existing external lighting installation, predominantly using existing locations, is not expected to result in adverse glare, light spill or distraction to nearby properties, pedestrians, road users or Metrolink drivers. Luminaires will use warm white, static LED light sources with no dynamic movement or colour change.

Key:
Proposed Installation
- Out of scope.

- Replace luminaire with new P4 Wedge luminaires. Retain wiring and containment where possible.

- Reinstate lighting with new P4 Wedge luminaires installation. Requires new infrastructure.

- Replace like for like inground luminaire with respective inground P1 and 01 luminaires.

- New infrastructure installation along retaining wall.

Type of replacement
- Luminaire replaced with alternative type.

- Luminaire replaced on like for like replacement.

Required Civil works
- Surface repair around inground uplight following new installation

- Removal of existing inground lights and slab repaired

- Required ducting/trench forming to allow rewiring of lights to existing locations

Rev	Date	By	Chkd	Appd
07	13/09/26	HG	ML	AE
06	09/09/26	HG	ML	AE
05	13/08/26	HG	ML	AE
04	12/08/26	HG	ML	AE
03	07/07/26	HG	TW	AE
02	05/06/26	HG	TW	AE

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Client
Robertson Construction

Project Title
Manchester Art Gallery Phase 2A

Drawing Title
Proposed CCTV Lighting Installations

Scale at A0
NTS
Role
Lighting
Suitability
S2
Arup Job No
298717-00
Rev
06
Name
MAG2-ARP-18-ZZ-SK-E-63-0010

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Do not scale
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