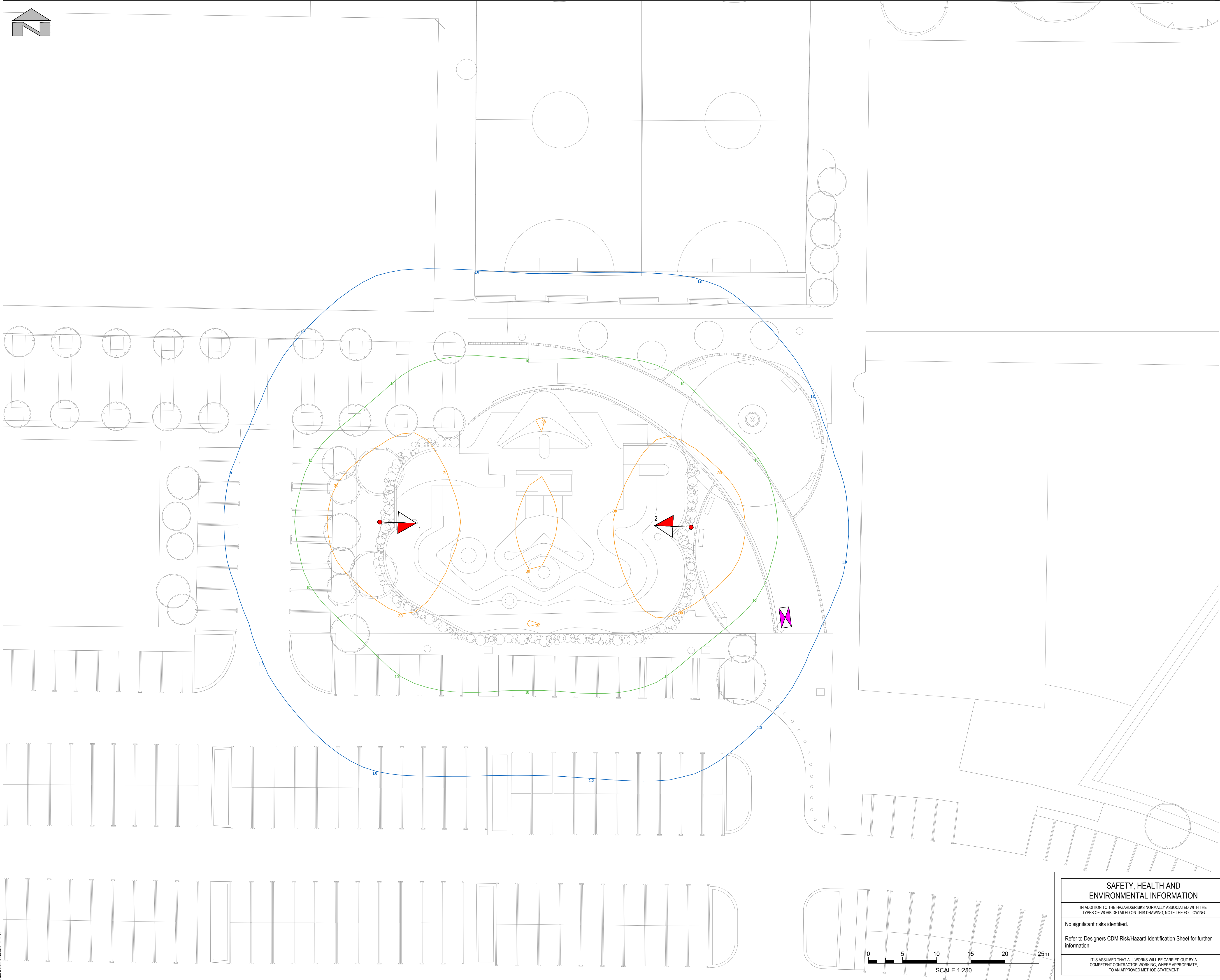




Proposed 8.0m hinged aluminium lighting column with post-top mounted Urbis Ampera Maxi 5119/128LED/800mA/WW/3000K 37.29klm luminaire with CELtek CMS enabled luminaire c/w mini photo-electric cell (35 lux on/18 lux off) - supply from feeder pillar

Proposed feeder pillar

1.0

Horizontal illuminance (contours indicate projected lux values at

10

ground level, excluding the screening effect of buildings, trees,

30

hedges etc.)



Urbis Ampera Maxi

- Notes**
- The lighting layout shall comply with the requirements of BS EN 12193:2018, Table A29, Class III (Eav 30 lux, Uo 50%)
 - The lighting installation shall comply fully with Merthyr Tydfil County Borough Council's street lighting specification and the Manual of Contract Documents for Highway Works. Electrical supplies to be confirmed at detailed design stage.
 - Road lighting columns shall be of hinged aluminium construction with flush door, dual tri-head locking mechanism and root protection, as manufactured by the Aluminium Lighting Company (6000 series) or similar approved. Columns shall be fabricated and installed in accordance with the manufacturer's instructions, taking account of local soil conditions and wind factor.
 - The installation shall be installed, tested and commissioned in accordance with "Requirements For Electrical Installations - IET Wiring Regulations (18th edition) with appropriate test certificates issued to the Project Manager on completion of the Works.
 - This drawing shall be used solely for the purpose described in the drawing title, as other details may be inaccurate.
- Local Ecology**
- Mitigation measures to ensure that retained habitats in and around the site used by protected and notable species will not be adversely affected by artificial light.
- Specification of full cut-off directional LED luminaires with no lightspill above the horizontal in accordance with ILP Guidance note for the reduction of obtrusive light (GN 01/21)
 - Specification of warm white (3000K) colour temperature luminaires with no UV and a lower blue light content in accordance with guidance in ILP/BCT Guidance Note - Bats and artificial lighting in the UK (GN 08/23).
 - CELtek central management System allows remote dimming and switching of luminaires by MTCBC post construction.

P01	JF	MB	MB	First Issue	30/04/2024
Rev	Drawn	Chkd	App'd	Description	Date
Purpose of Issue					
S4 - Issued For Approval					
Classification					
Confidential					
Client					
Merthyr Tydfil County Borough Council					
Project					
Merthyr Skate Park					
Drawing					
Flood Lighting					
Scale @ A1		Drawn	Checked	Approved	
1:200		JF	MB	MB	
Project No.			Date		
GC/004243			30 APR 2024		

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING

No significant risks identified.

Refer to Designers CDM Risk/Hazard Identification Sheet for further information

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT

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