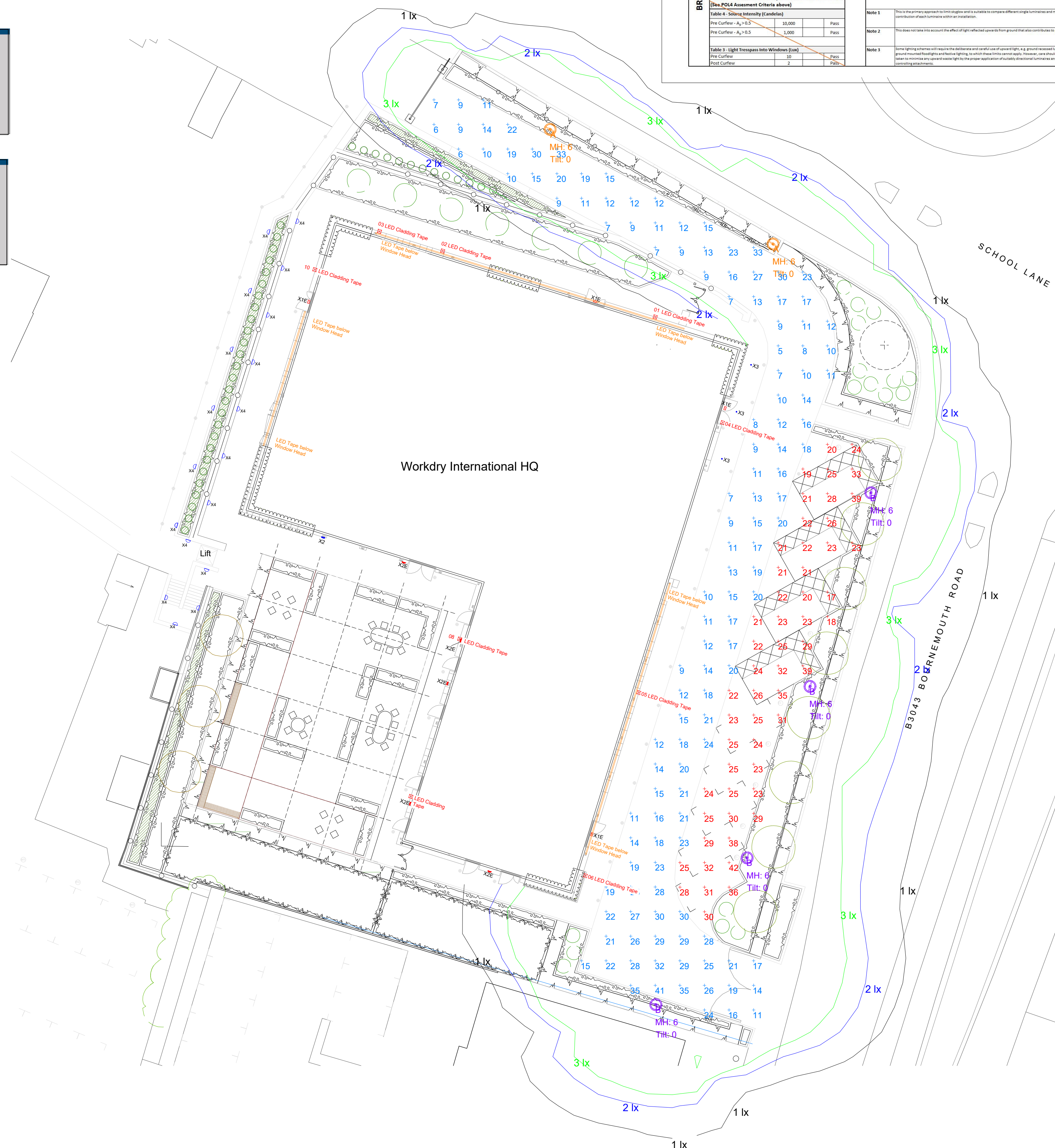




Type X4 - Mattone Brick Light c/w Eyelid



BREAM Summary

GN01 - 2021

** Environmental Zone to be confirmed by assessor **

Environmental ZoneE3

Upward Light Ratio (ULR) - Table 6

Target

Achieved

Status

5.0%

6.0%

Pass

Table 7: Maximum values of upward flux ratio of installation (of four or more luminaires) (over luminaires)

Light technical parameter

Type of installation

Environmental zones

Roof

n/a

2

5

8

12

Upward Flux Ratio (UFAR) %

n/a

2

5

8

12

n/a

n/a

2

6

15

Table 8: The effect on the ability to view the right side of the road at night

Angle of Light emitted (Degrees)

By Day Effect

By Night Effect

Glare Effect

100-180

Low

Some

0-85

Minimum

Some

Table 9: Maximum values of upward light ratio (ULR) of luminaires

Light technical parameter

Environmental zones

Roof

E0

E2

E3

E4

Upward Light Ratio (ULR) %

0

0

2.5

5

15

Table 10: Minimum values of glare intensity (Candela)

Pre-Correction > A₂ > B₂

10,000

Pass

Pre-Correction > A₃ > B₃

1,000

Pass

Table 11: Light Transmittance into Windows (mm)

Pre-Correction > A₂ > B₂

2

Pass

Pre-Correction > A₃ > B₃

2

Pass

Table 12: Compliance Status Summary

POL 04

Reduction Of Night Time Light Pollution

Pass

ENL 04

Energy Efficient External Lighting

Pass

WEA 02

Internal And External Lighting Levels

Pass

Note: WEAS2 in this report only applies to exterior lighting ASST to Windows (mm)

- ## NOTES

- | | | | |
|---|-----|------------|-----------------------------|
| C | 1 | 17.07.2026 | Issued for Construction |
| P | 1 | 17.06.2026 | Issued for Review & Comment |
| - | REV | DATE | AMENDMENT |

Charleson
Charleson Building Services Limited
Unit 8 Easter Court, Europa Boulevard, Westbrook,
Warrington, WA5 7ZB
Telephone 01925 655929
Incorporating
Ashworth Electrical Services Ltd

CONTRACT

**Workdry International
Headquarters**

DESCRIPTION

External Lighting Layout

Portakabin

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+44 (0)1904 611655

portakabin.co.uk

S3 - Construction Issue

DATE Jun 26	SCALE 1:200 @ A1	REV C0
DRAWN SM	DRAWING No. 16894-AES-M1-ZZ-D-E-6801	