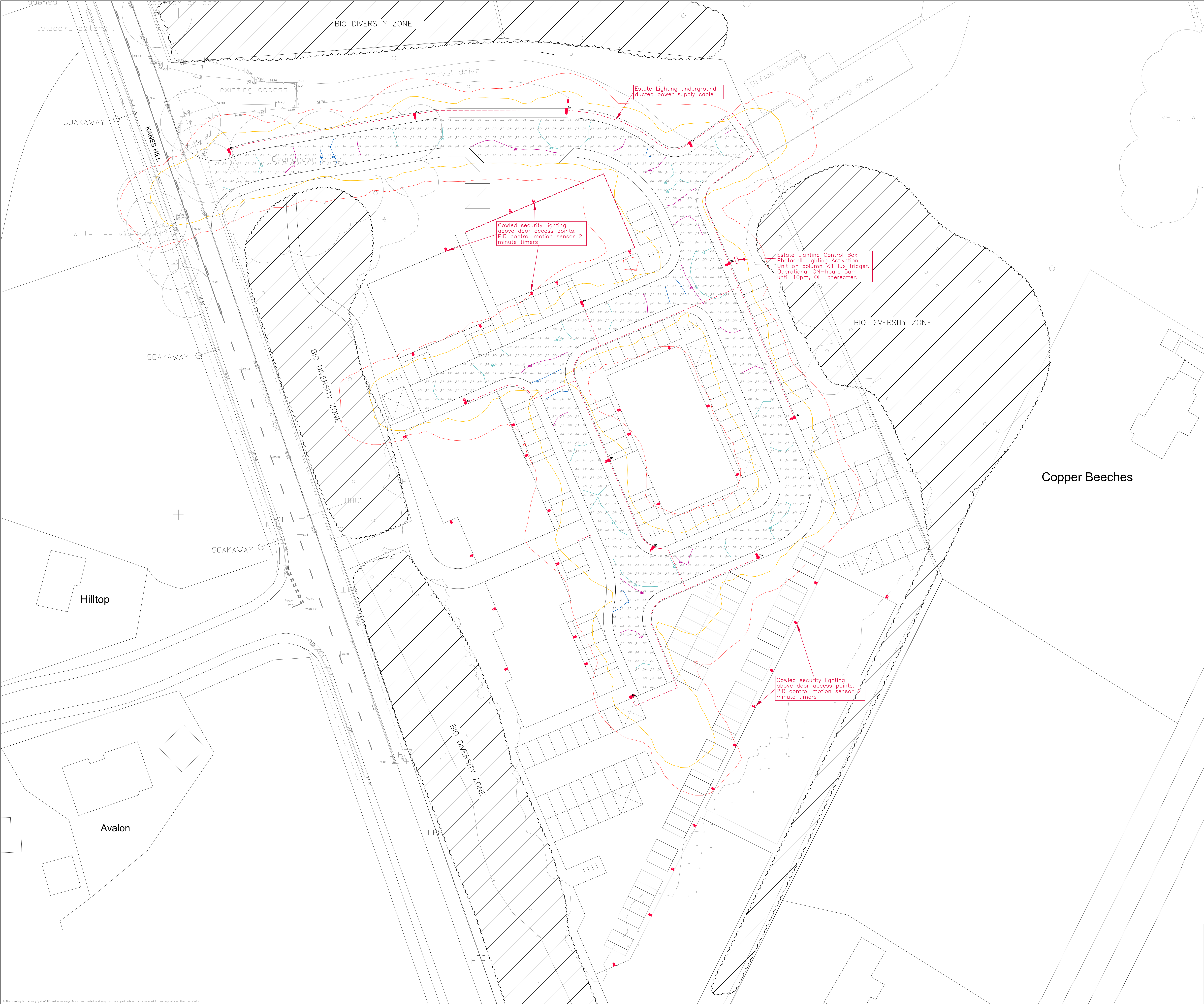




- NOTES**
1. Do not scale from this drawing.
 2. All dimensions in metres unless stated otherwise.
 3. This is a preliminary design and is subject to detailed design and coordination with any proposed security lighting.
 4. Any discrepancies with the drawings shall be reported to the Engineer.
 5. All lighting to comply with Pro Vision's Habitat Enhancement and Management Plan dated January 2026.
 6. Any external security lighting will be directed to minimise light spillage on adjacent woodland by the use of directional lighting hoods and be fitted with timing sensors to minimise the period of unnecessary illumination and reduce the potential for the lights to attract invertebrates.
 7. All on-site lighting to comply with the Guidance Notes 8/23 Bats and Artificial Lighting at Night as outlined by The Institute of Lighting Professionals.
 8. Lighting design must ensure the following:
 - Lighting will not be aimed at boundary trees or vegetation;
 - Lighting must not be aimed at potential roosting features associated with mature trees along the woodland edge within the curtilage of the proposals;
 - Light levels will be kept to below 1lux along boundary habitats;
 - Light hoods will be used to reduce light spillage; and
 - Timed motion sensor security lighting will be used where external lighting is required locally to access points to buildings, Dusk until Dawn photocell units, 2 minute timer.
 - Estate Hours of Illumination – Dusk until Dawn Photocell trigger light levels <1 lux with hours between 22:00 and 05:30 excluded from illumination, except building motion sensors.

LIGHTING LEGEND

- 1** New lantern and column
Mounting height – 5m
Column material – Galvanised steel
Column type – Stepped tubular (SC PFI spec)
Column colour – BS4800 12B21 Mineral Green
Installation type – Planted
Rood length – 1500mm
Lantern – Schrader Urbis Axia 3.1 5267 Integrated Lenses
8 OSLOX SQUARE GIANT 600mA
Lantern weight – 3.6 kg
Windage – 0.040m3
Mounting – Post Top
Lantern Tilt – 0 degrees
Lantern Colour – BS4800 12B21 Mineral Green
Optic setting – 5267 rear louvre
Output – 1.89Klm
Drive current – 600mA
Colour temperature – 2700k (warm white)
- 2** Cowled Security Lighting positioned above Building Access Points.
Mounting height – 3m above GL
Installation Type – Building mounted, connected to individual building supply
Control – PIR motion detection night operation only with 2 minute shut off
Colour temperature – =<2700k (warm white)

Copper Beeches

PL7	06.05.26	Ducting route updated and operational notes.	JAK	KTG
PL6	24.04.26	Hours of illumination added to notes.	TH	TSH
PL5	22.04.26	Lighting design updated	KTG	TSH
PL4	15.04.2026	Lighting design updated	KTG	TSH
PL3	11.04.2026	Lighting layout updated	JAK	TSH
PL2	09.01.2026	Amended to reflect Habitat Enhancement Management Plan	TSH	KG
PL1	20.06.2025	First issue	TSH	KG
REV. No.	DATE	DESCRIPTION	DRAWN	CHECKED
Client: HI-Acre Construction Ltd				
Project: Kanes Hill, Southampton		MJA CONSULTING CIVIL & STRUCTURAL ENGINEERS Ipsum Court, 24 The Quadrant, Abingdon Science Park, Abingdon Oxon, OX14 3YB Tel: 01235 555173 Email: mail@mjaconsulting.co.uk		
Title: Lighting Strategy		Scale: 1:250 @ A0	Status: PLANNING	
Drawn: KG	Project Engineer: TSH	MJA Project No: 7230	Date: June 2025	
Drawing Number: 7230-MJA-SW-XX-DR-C-007	Rev: PL7			