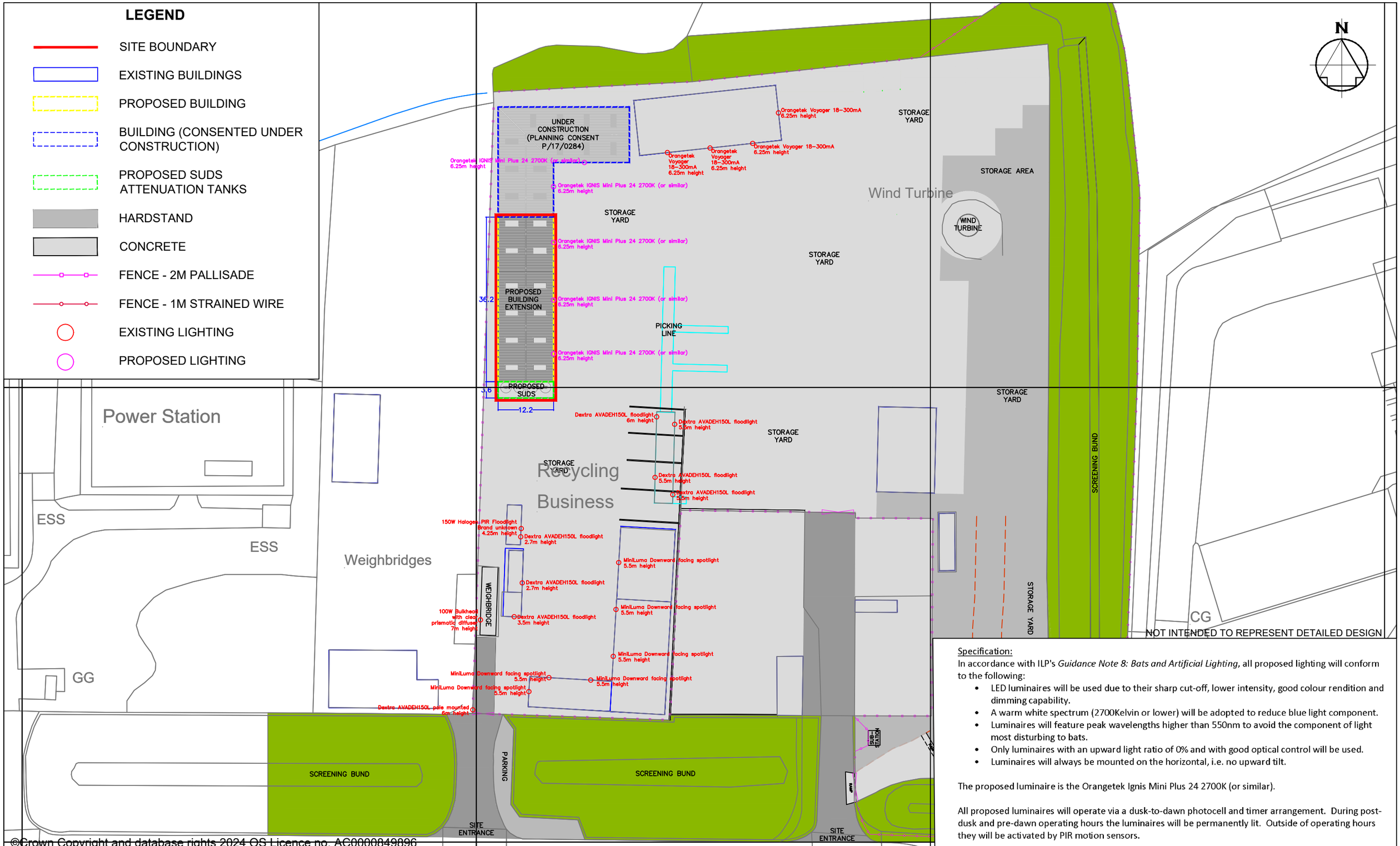
LEGEND

- SITE BOUNDARY
- EXISTING BUILDINGS
- PROPOSED BUILDING
- BUILDING (CONSENTED UNDER CONSTRUCTION)
- PROPOSED SUDS ATTENUATION TANKS
- HARDSTAND
- CONCRETE
- FENCE - 2M PALLISADE
- FENCE - 1M STRAINED WIRE
- EXISTING LIGHTING
- PROPOSED LIGHTING



NOT INTENDED TO REPRESENT DETAILED DESIGN

Specification:

In accordance with ILP's *Guidance Note 8: Bats and Artificial Lighting*, all proposed lighting will conform to the following:

- LED luminaires will be used due to their sharp cut-off, lower intensity, good colour rendition and dimming capability.
- A warm white spectrum (2700Kelvin or lower) will be adopted to reduce blue light component.
- Luminaires will feature peak wavelengths higher than 550nm to avoid the component of light most disturbing to bats.
- Only luminaires with an upward light ratio of 0% and with good optical control will be used.
- Luminaires will always be mounted on the horizontal, i.e. no upward tilt.

The proposed luminaire is the Orangetek Ignis Mini Plus 24 2700K (or similar).

All proposed luminaires will operate via a dusk-to-dawn photocell and timer arrangement. During post-dusk and pre-dawn operating hours the luminaires will be permanently lit. Outside of operating hours they will be activated by PIR motion sensors.

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AMENDMENTS

REV REF	DETAILS	DATE	MADE BY	CHKD BY
A	UPDATE TO PROPOSED LIGHTING FOLLOWING UPDATE TO LIGHTING SPECIFICATION.	13/11/24	CGM	SCW

TECHNIA ENVIRONMENT AND PLANNING LIMITED
UNIT 1 FOXES LANE, OAKDALE BUSINESS PARK,
BLACKWOOD, CAERPHILLY, NP12 4AB
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MERTHYR BOROUGH RECYCLING CENTRE LTD

LIGHTING PLAN (REV. A)

Drawn	CGM	Scale	
Ch'kd	SCW	1:750	
Appr'd	NB	@A3	
Date	13/11/24		

Job No.	MBRC	Drg No.	11131 - 000 - E