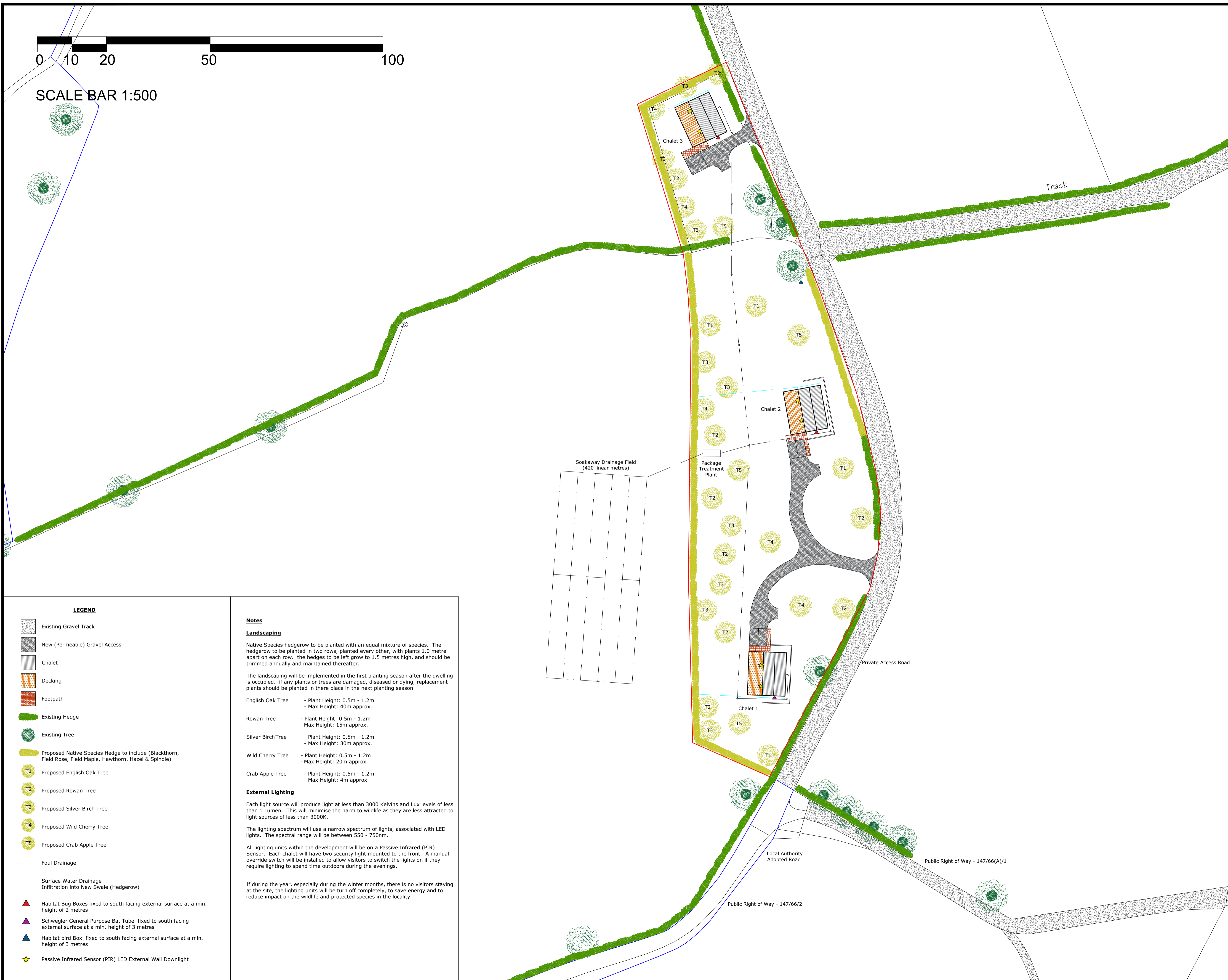
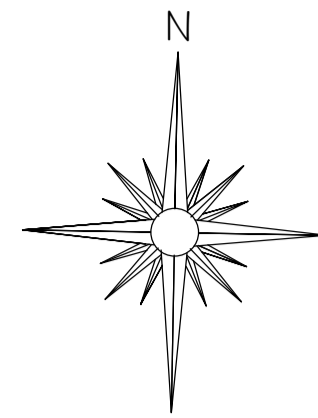


SCALE BAR 1:500



LEGEND

- Existing Gravel Track
- New (Permeable) Gravel Access
- Chalet
- Decking
- Footpath
- Existing Hedge
- Existing Tree
- Proposed Native Species Hedge to include (Blackthorn, Field Rose, Field Maple, Hawthorn, Hazel & Spindle)
- Proposed English Oak Tree
- Proposed Rowan Tree
- Proposed Silver Birch Tree
- Proposed Wild Cherry Tree
- Proposed Crab Apple Tree
- Foul Drainage
- Surface Water Drainage - Infiltration into New Swale (Hedgerow)
- Habitat Bug Boxes fixed to south facing external surface at a min. height of 2 metres
- Schwegler General Purpose Bat Tube fixed to south facing external surface at a min. height of 3 metres
- Habitat bird Box fixed to south facing external surface at a min. height of 3 metres
- Passive Infrared Sensor (PIR) LED External Wall Downlight

Notes

Landscaping

Native Species hedgerow to be planted with an equal mixture of species. The hedgerow to be planted in two rows, planted every other, with plants 1.0 metre apart on each row. The hedges to be left grow to 1.5 metres high, and should be trimmed annually and maintained thereafter.

The landscaping will be implemented in the first planting season after the dwelling is occupied. If any plants or trees are damaged, diseased or dying, replacement plants should be planted in their place in the next planting season.

English Oak Tree - Plant Height: 0.5m - 1.2m
- Max Height: 40m approx.

Rowan Tree - Plant Height: 0.5m - 1.2m
- Max Height: 15m approx.

Silver Birch Tree - Plant Height: 0.5m - 1.2m
- Max Height: 30m approx.

Wild Cherry Tree - Plant Height: 0.5m - 1.2m
- Max Height: 20m approx.

Crab Apple Tree - Plant Height: 0.5m - 1.2m
- Max Height: 4m approx.

External Lighting

Each light source will produce light at less than 3000 Kelvins and Lux levels of less than 1 Lumen. This will minimise the harm to wildlife as they are less attracted to light sources of less than 3000K.

The lighting spectrum will use a narrow spectrum of lights, associated with LED lights. The spectral range will be between 550 - 750nm.

All lighting units within the development will be on a Passive Infrared (PIR) Sensor. Each chalet will have two security light mounted to the front. A manual override switch will be installed to allow visitors to switch the lights on if they require lighting to spend time outdoors during the evenings.

If during the year, especially during the winter months, there is no visitors staying at the site, the lighting units will be turned off completely, to save energy and to reduce impact on the wildlife and protected species in the locality.

GENERAL NOTES & SPECIFICATIONS

ALL MATERIALS, WORKMANSHIP AND CONSTRUCTION ARE TO CONFORM WITH CURRENT STANDARDS, CODES OF PRACTICE, AGREEMENT CERTIFICATES AND MANUFACTURER'S RECOMMENDED SPECIFICATIONS AND ARE TO FULLY COMPLY WITH THE BUILDING REGULATIONS AND RELATED APPROVED DOCUMENTS AND LEGISLATION.

ALL SERVICES ARE TO BE INSTALLED IN ACCORDANCE WITH STATUTORY AUTHORITY REGULATIONS AND BY LAWS.

DESIGN:

DESIGNER: INSTRUMENT 2007/46336 - THE CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS 2007

THE CONTRACTOR IS TO COMPLY WITH THE DUTIES IMPOSED ON HIM BY THE ABOVE REGULATIONS AND LIASE DIRECTLY WITH THE CDM COORDINATOR AS APPOINTED BY THE CLIENT.

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JOB: Holiday Chalets
Upper Cilgee
Doldowldod
Llandrindod Wells
LD1 6HD

CLIENT: J T & J A Davies & Son

TITLE: Landscaping, Biodiversity & External Lighting Plan

REVISIONS:	DATE:
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SCALES: Plans - 1:500	DATE: January 2022
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