cabe
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PLANNING APPLICATION DRAWING

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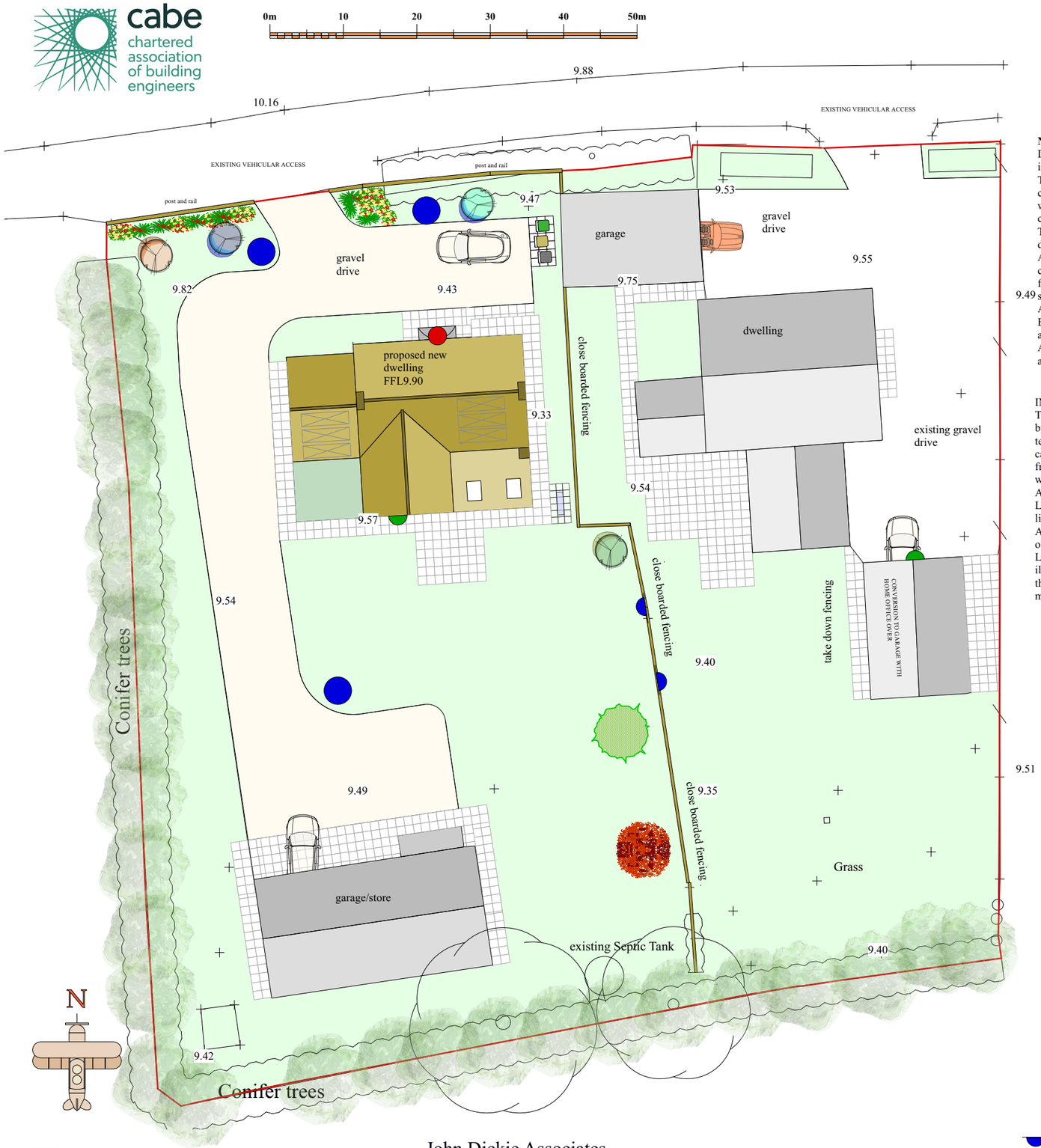

NOTES

Do NOT scale from this drawing or any other prepared by JDA in connection with this project

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The Contractor is to check all dimensions on site and report any discrepencies PRIOR TO commencing work.

All details shown on this drawing are based upon typical site conditions relatedto the area. No resposibility can be accepted for abnormal conditions unless theyhave been reported in detail so that design amendments may be considered.

All works and materials are to be in full accordance with current British Standards, Building Regulations, Agrement Certificates and Manufacturers printed instructions.

All Building Regulations inspections are to be carried out at the appropriate stages of work.

INTELLIGENT LIGHTING DETAILS

The integrated intelligent lighting installation will be controlled by 'Smart Home'
technology controlling security, lighting, climate control, cameras and domestic devices - wireless technology controlled from a central management system adjusting in response to weather, circumstance and individual need.

All internal lighting to be low energy LED.

LED 'strips' to be used in all habitable rooms to provide 'indirect light'.

All internal and external lighting will be automatically switched off or dimmed by movement detectors.

Lighting will be directed downwards wherever possible to illuminate its target. If there is no alternative to up lighting, then the use of shields and baffles will help reduce light spill to a minimum.

FIXED EXTERNAL LIGHTING

Install low energy light fittings that only take lamps having a luminous efficiency better than 80 lumens per circuit watt.

External light fittings to have both the following:

- Automatic controls which switch luminaires off in response to daylight
- If luminous efficacy is 75 light source lumens or less automatic controls which switch luminaires off after the area lit becomes unoccupied, if luminous efficacy is greater than 75 light source lumens, manual control can be installed.

Dwelling primary energy rate and dwelling emission rate calculations to account for the efficacy of lamps installed in the fixed lighting locations.

OPA FLUSH
11W LED ceiling mounted flush bulkhead light
Warm White - 3000K 1122 lm(N)

20W LED PIR Downlighter wall mounted at 2m above FGL over doors

indicates 43707 Dylan LED post light
Uses 36no 0.06w leds. Height 750mm
Length 110mm, width 120mm. 59 Lumens output with a single 3w natural light led. Part L compliant with motion sensor.
These lights are 'Bat friendly".

indicates 9550SS LED wall/fence mounted downlighter
Class 1 150mm high, 140mm protusion
built in motion sensor. Stainless steel.
Runs with 36no 0.06w leds.
These lights are 'Bat friendly".

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JOHN DICKIE ASSOCIATES

Proposed Development at
Six Score Road
Langtoft Fen. PE6 9QF

Drawing Title : Proposed Lighting

Date APRIL 2023

Scale 1 to **250** at A3 Portrait

Drawing No JDA/2023/880/LIGHTING.001