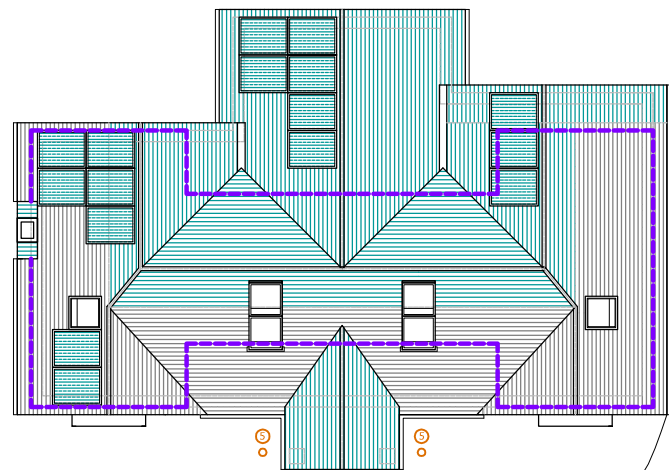
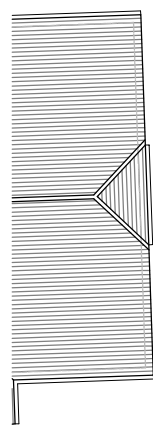
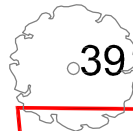
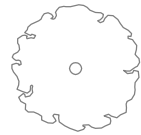
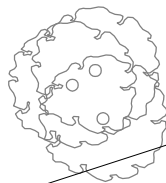
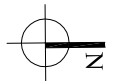


37



41

ECO Wooden Bollard with low-level downlit PIR LED lighting.

- External light levels should be as low as possible to fulfil the lighting need
- Lamps to have a maximum of 7.5 to 10 lux
 - LED lights to be installed, using the warm white (or amber) spectrum, with peak wavelengths >550nm (2700 or 3000°K) and no UV component
 - Lighting to be directed to where it is needed, with horizontal spillage towards retained or establishing habitats minimised. This will be achieved by restricting the height of the lighting installation and the design of the luminaire
 - Light fixtures will be erected at the lowest reasonable height
 - Lighting mounted on the dwelling to incorporate Passive Infra-Red (PIR) motion sensors and timers to minimise the lit time, set to the minimum to minimise the duration of disturbance
 - As a matter of last resort, accessories such as baffles, hoods or louvres can be used to reduce light spill
 - Low level bollard lighting design should reduce spillage to the rear and above the unit: PIR sensor switches to be installed as standard with override facility for resident's occasional use as necessary.

For our dwelling specifically, please refer to the attached elevation drawing with Lamp locations numbered 1-4

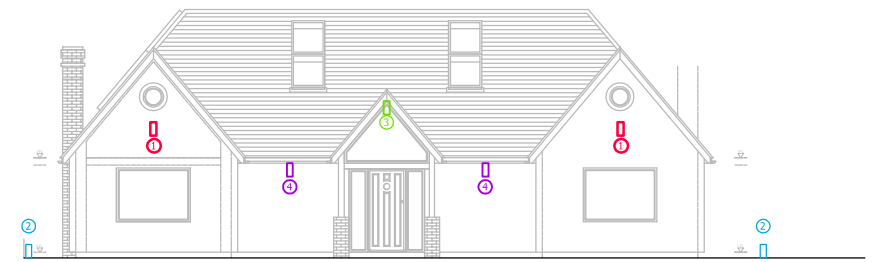
Lamp 1 : 2 low energy warm white LED wall lamps

Lamp 2 : Lighting will be lowest reasonable height for the ground floor and using low energy LED with warm white light. They will have PIR sensor with override facility for occasional use as necessary

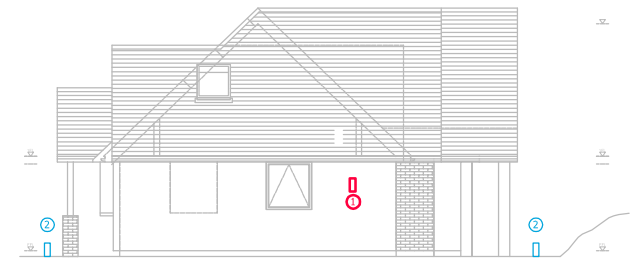
Lamp 3 : Low Energy LED Lighting installed close to the front in apex, these lights will be on PIR sensor switches with override facility for occasional use as necessary.

Lamp 4: The external lighting on the Elevations of building will be under the canopy roofs spaced evenly apart facing downwards towards the paving producing low levels of spill light. Using LOW energy LED warm white and PIR sensor switches with override for occasional use as necessary.

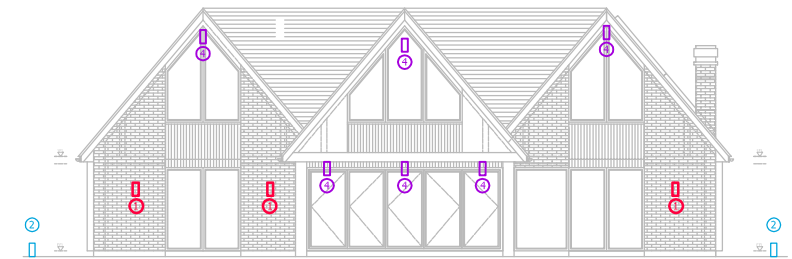
Lamp 5: The parking area and pathway lighting will be low level bollard lighting with PIR as detailed above and will be shown in the landscape design which will follow later.



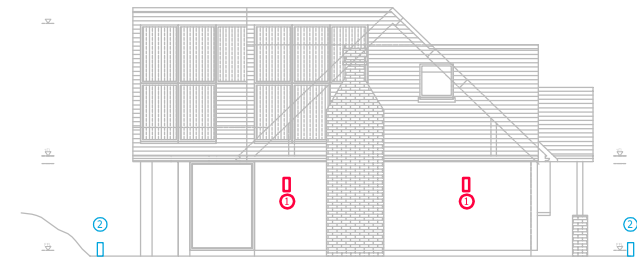
PROPOSED FRONT (EAST) ELEVATION
scale 1:100



PROPOSED SIDE
(NORTH) ELEVATION
scale 1:100



PROPOSED REAR (WEST) ELEVATION
scale 1:100



PROPOSED SIDE
(NORTH) ELEVATION
scale 1:100



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Project

ASTRALITY, 39 RHODODENDRON AVENUE, MEOPHAM, GRAVESEND, DA13 0TU

Drawing Title

Block Plan - External Lighting Statement

Date

MAY-2025

Scale

1:1250/200/A3

Project No.

CG-330

Drawing No.

PL/10

Drawn by/Checked by

SM

Rev

Date

Details

A

041224

Initial drawings sent out for review

B

171224

Revised design

C

210525

Revised design

Dimensions to be verified on site
by contractor prior to
commencement of work

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