

G.W. FORD & SONS (BUILDERS) LTD.

Property Refurbishers



Elm House, Willowbank, Claygate Lane, Thames Ditton, Surrey KT7 0LE



20th September 2020

Standby Self Storage Ltd.,
The Upper Deck,
4, Island Farm Avenue,
West Molesey,
Surrey,
KT8 2UZ.

Dear Sirs,

Re: Highlands Industrial Park

We refer to land you propose to lease at the above address.

Lighting assessment

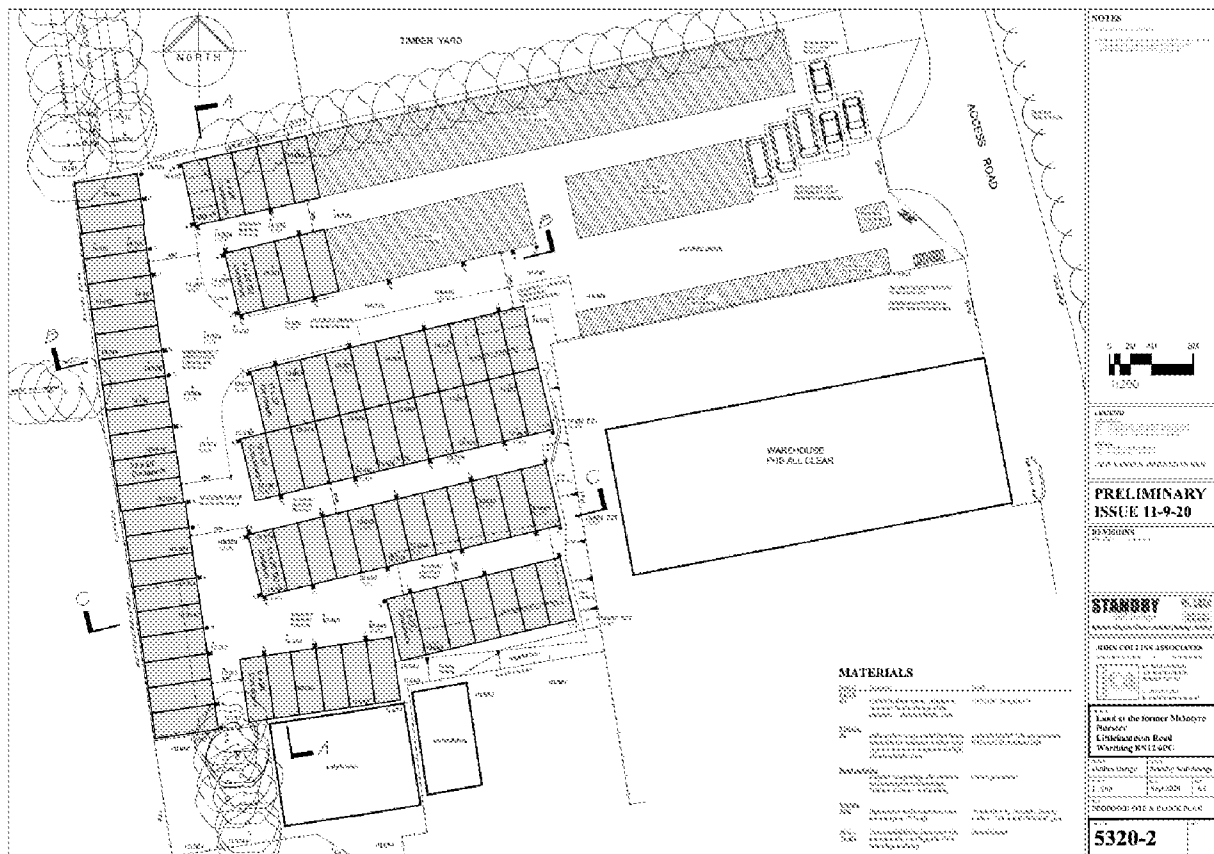
The goal of this project is to create a warm, friendly lighting effect providing the areas with good and sufficient lighting for customers to access their storage units. We are of course, mindful of light pollution and the immediate local environment.

We are aware that it is important to minimize the escape of light, so we propose the installation of eyelid bulkhead fittings with multiple LED inserts. These are marked on the plan as **X**. This will create a very localized disbursement of light within the container walkway areas with each light fitting installed on the top of a container. This will also create an ark of light of approximately 4m in length. Also, due to the dark surfacing and green coloured containers that is proposed, there should be very little reflected light to cause any light pollution to the surrounding area. Care will be taken to ensure the fencing to the end of the walkway to the north of the site has some form of knitting / solid backing to block out additional light e.g. car headlights.

Due to the business use of storage, it is anticipated that there would not be much use after dark, the use of light on site should be greatly minimized. We therefore propose that the areas are split into zones and are controlled via a JGD light control system with multiple zones, so that when a vehicle or person(s) access the site, only lighting that is required for them to access their units will be switched on by the PIR sensors. These sensors are fully adjustable to reduce activation by local wildlife.

This system also has a timer facility so that it can be programmed for different functions per Zone.

Please see lighting product details and specification below:-



ENLITE

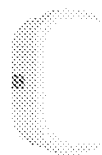
ADDITIONAL DETAILS

ENLITE

Product Description:

ENLITE is a protective and energy efficient alternative to standard polycarbonate sheeting. Designed specifically for LED technology, ENLITE provides superior performance including superior light transmission, impact resistance and energy efficiency.

Product Image:



Product Features:

- IP68 rated polycarbonate sheeting
- Integrated driver for easy wiring
- Built-in cooling mechanism for optimal performance
- Available in a range of sizes and options to suit specific installation requirements
- Interchangeable light options available for extra variety
- Impact resistance - IK10 rating
- 100% energy efficiency
- 5 year warranty

100W Polycarbonate IP68 Cool LED Light fixture

Line Drawing Image:



Polar Curve Image:



Product Specs:

1.7m	100W
4m	400W
6m	600W
12m	1200W
15m	1500W
20m	2000W
25m	2500W
30m	3000W
35m	3500W
40m	4000W
45m	4500W
50m	5000W
55m	5500W
60m	6000W
65m	6500W
70m	7000W
75m	7500W
80m	8000W
85m	8500W
90m	9000W
95m	9500W
100m	10000W

ENLITE

100W 10000W 10000W 10000W 10000W

100W 10000W 10000W 10000W 10000W

Yours faithfully,

J. Ford,
Director – G.W. Ford & Son (Builders) Ltd.