

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

Property Refurbishers

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



9th January 2018

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

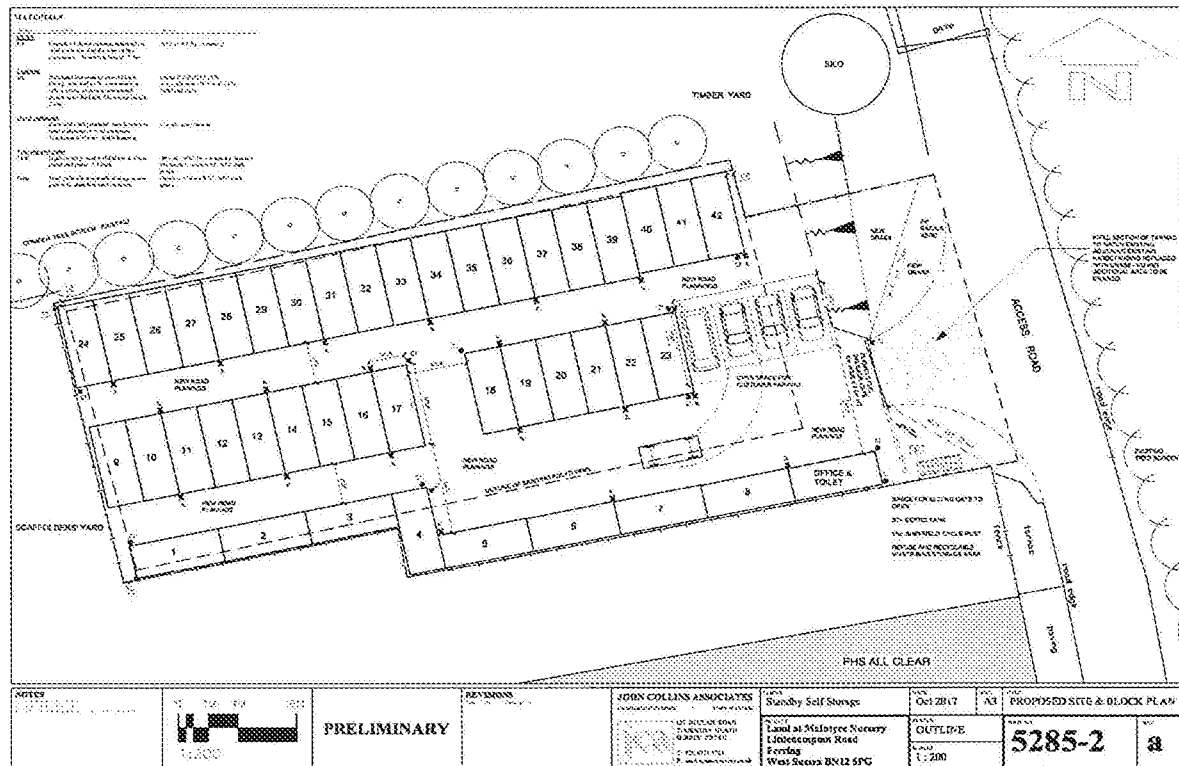
The goal of this project is to create a warm, friendly lighting effect providing the areas with good and sufficient lighting for our customers to access their storage units. We are of course, mindful of light pollution and the immediate local environment.

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 we propose to use, 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 walkways has some form of knitting / solid backing to block out additional light e.g. car headlights.

Due to the business opening times proposed within the application, the use of light on site will be greatly minimized. We would suggest therefore 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. Also, the lighting around the front gate and toilet/office is to be provided by installing low-level lighting bollards of 1m or less. This should supply ample lighting for the short periods of time the site is accessed at night.

Please see lighting product details and specification below:-



Product Description:

Utilite™ is a powerful yet energy efficient alternative to standard bulkhead utility luminaires. Designed specifically for LED technology, their impact resistant polycarbonate housing provides a tough exterior making them ideal for all basic industrial, commercial and residential installations.

Product Image:



Product Features:

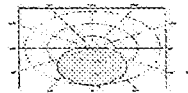
- IP65 rated polycarbonate white housing
- Integrated driver for slim profile
- Wall or ceiling mountable with 20mm knockouts
- Available in a range of sizes and angles to suit multiple installation requirements
- Interchangeable bezel options available (sold separately)
- Impact resistant - IK08 rating
- 1.5kV surge protection
- 3 year warranty

18W Polycarbonate IP65 Oval LED Bulkhead

Line Drawing Image:



Beam Curve Image:



Product Specs:

LED	18W	Direct	230-240V AC
45	25000	1.5	IK08
512/60HZ	0.5	No	215
IP65	40	22	
FC			
175			

Yours faithfully,

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