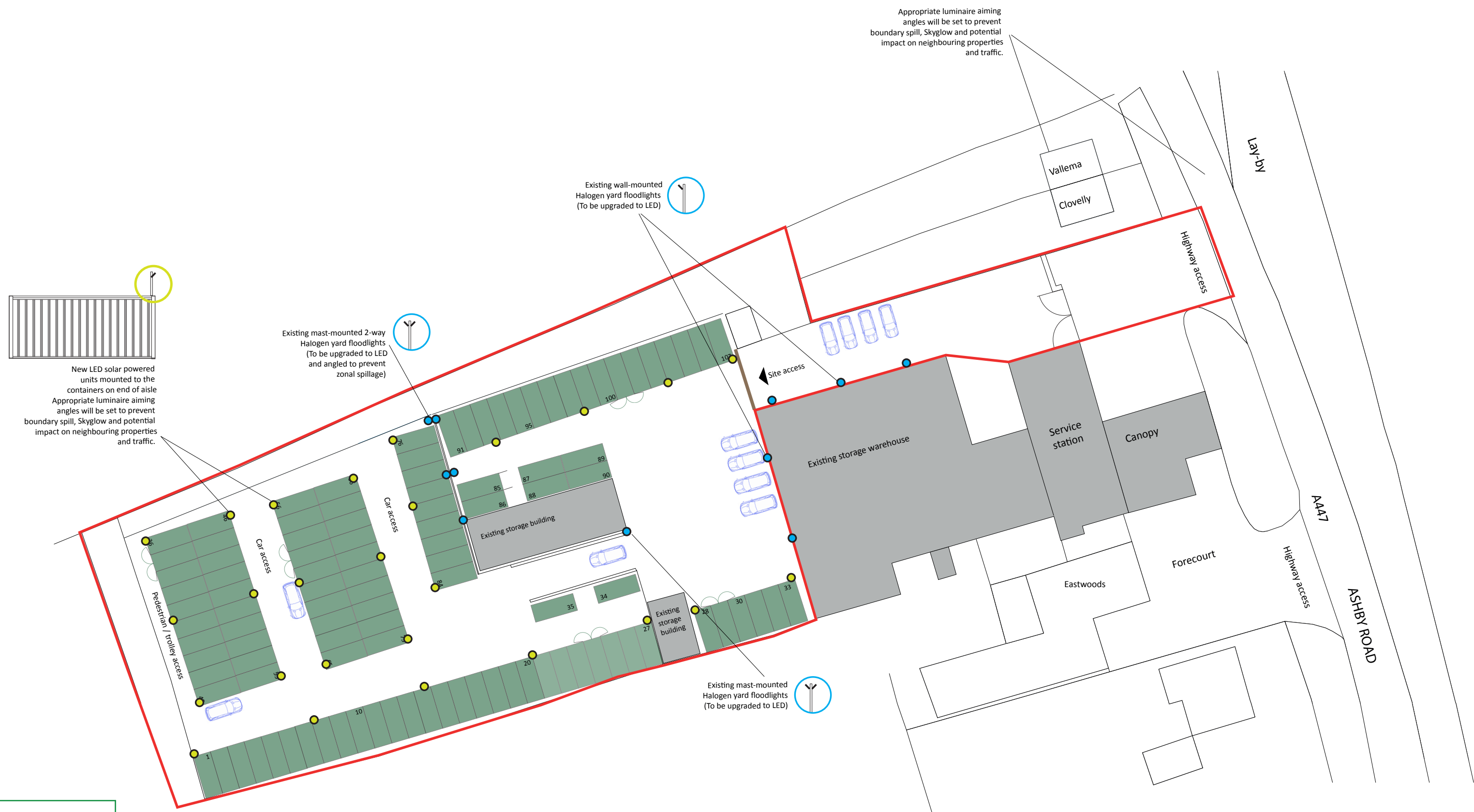


LIGHTING PLAN & PROPOSED UPGRADE TO EXISTING



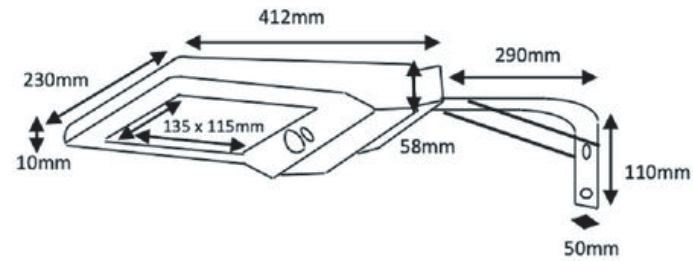
LIGHTING INSTALLATION NOTES

Existing floodlighting to be upgraded for reasons of efficiency, reduced light pollution and improved health and safety. Installation to be carried out by specialist lighting engineers and in accordance with **ILP Guidance Notes GN01/21 'The Reduction of Obtrusive Light'**. The applicant has a progressive policy on efficiency and environment, in line with 'easy' brand values. Zonal lighting will be installed along each container row from just above the height of the containers. Appropriate luminaire aiming angles will be set to prevent boundary spill, Skyglow and potential impact on neighbouring properties and traffic. Energy-efficient LED units will replace existing mast-mounted floodlights and powered by individual solar technology. Specification: ViaMAX HIWAY MAX - PIR Motion Sensor Solar Street Light - Black - 4800 Lumens (40W), with a programmable output.

<https://www.exteriorlights.co.uk/product/via-max-hiway-max-pir-motion-sensor-solar-street-light-black-4800-lumens-40w>

IP Rating Chart			
IP (Ingress Protection) ratings are determined by combining the first and second digits of the columns below.			
1 st Digit: Solids		2 nd Digit: Liquids	
Unprotected. No protection against solids or dust.	0	Unprotected. No protection against liquids.	0
Protection against solid objects greater than 50 mm.	1	Protection against drops of water.	1
Protection against solid objects greater than 12.5 mm.	2	Protection against drops of water at a 15° angle.	2
Protection against solid objects greater than 2.5 mm.	3	Protection against water spray at a 60° degree angle.	3
Protection against solid objects greater than 1.0 mm.	4	Protection against splashes from any angle.	4
Protected against ingress of dust sufficient to cause harm.	5	Protection against low-pressure water jets from any angle.	5
Dust tight. Complete protection against ingress of dust.	6	Protection against powerful jets of water and rough seas.	6
EX: An IP65-rated unit is protected against ingress of dust as well as water jets from all directions.		Protection against submersion in water, 30 min. at a depth of 3 ft.	7
		Protection against permanent submersion, up to a 13 ft. depth.	8

- Existing Halogen yard floodlights (to be upgraded)
- Additional LED programmable lights



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Applicant
Storage Network Limited

Project
Proposed Storage Site, Stapleton

Drawing title
Lighting plan & upgrade to existing

Drawing No	Rev	Drawn
	-	CG

Scale	Date	Checked
NOT TO SCALE	18.07.23	ND