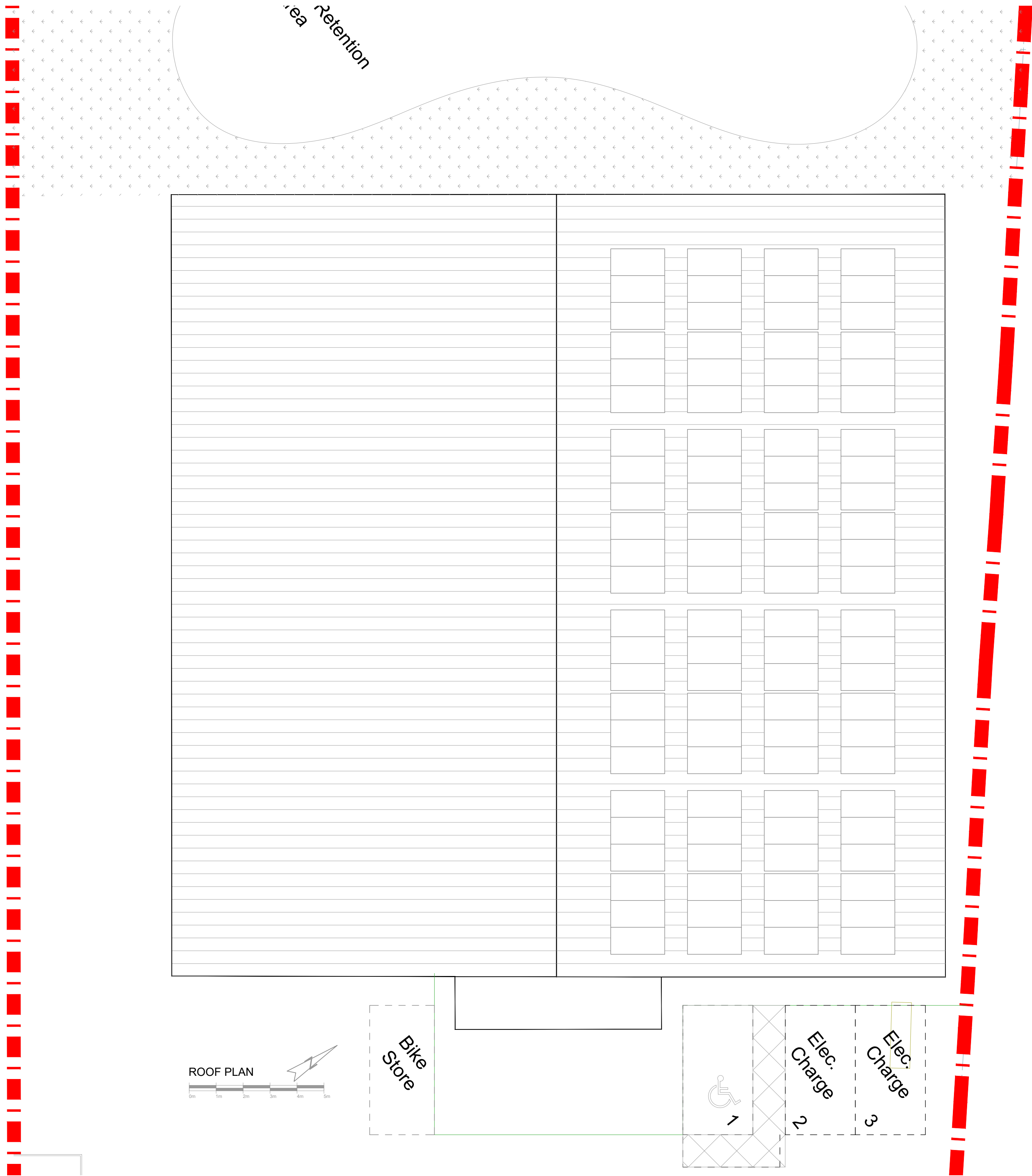


15/09/2026 08:36:21 L:\ra Architects\RAA Projects\RA72 Kenfig Industrial Estate\04\Planning\072-03 - Proposed Elevations.dwg — ISO A1 (594.00 x 841.00 mm)



SOLAR PANELS
All solar products to be tested and classified using methods described in BS EN 12975 and BS EN ISO 9806. Installation to be in compliance with all manufacturer's details and specifications. Installation must not impair the weather tightness of the roof. All penetrations through the roof to be weatherproofed and covered with suitable flashings, purpose-made tiles, etc.
Installation to have sufficient resistance to wind suction forces for the location. The solar installer to calculate the wind loads for the location (taking into account the local wind speed, site altitude and topography, building height and roof configuration). Components or kits to be chosen with a declared wind resistance that exceeds those wind loads.
The roof structure to be designed to accommodate the load of the collectors, advice of a Structural Engineer to be sought if required. Floor construction to be capable of withstanding the load of any large cylinders or thermal stores.
All components to have adequate resistance to the external spread of flame in compliance with Part B4 of Approved Document B.
Ensure the panels are not fitted in the shadow of overhanging branches, a chimney or aerial. Collectors to be located so that they can be safely accessed for cleaning and maintenance, (at a pitch of more than 15° they are normally self-cleaning).
The system control panel and display to be located in a prominent position, such as in the kitchen or alongside the central heating programmer.
Pumps and controls to be located so that they are accessible for maintenance.
Permanent labels and flow arrows to be fixed pipework, valves, etc. Pipes to be installed to falls and insulated with appropriate materials and in-line with the TIMSA guide.
Pipes of a solar primary system to be insulated throughout the length of the circuit. All other pipes connected to hot water storage vessel, including the vent pipe should be insulated for at least 1 meter from their points of connection to the cylinder, or insulated to the point where they become concealed.
An EPC to be provided with Feed-in Tariff (FIT) application showing the energy efficiency of the building.
System to be commissioned and tested for correct operation in accordance with the MCS 012 standard.
Provide operating instructions and maintenance recommendations for the homeowner.
All electrical work to be undertaken by a Part P registered Electrician i.e. NAPIT, ELECSA and NICEIC.

Drawing No **R 9 7 2 – 2 3 A 1**

NOTES:
THIS DRAWING IS COPYRIGHT.
DO NOT SCALE FROM THIS DRAWING.
WORK TO FIGURED DIMENSIONS ONLY.
CHECK ALL DIMENSIONS ON SITE.
ANY DISCREPANCIES TO BE NOTIFIED TO THE ARCHITECT.

NOTES:
DRAWINGS HAVE BEEN PRODUCED FOR PLANNING AND BUILDING REGULATIONS PURPOSES ONLY. THE CONSTRUCTION (DESIGN AND MANAGEMENT) REGULATIONS 2015 (CDM) IS THE RESPONSIBILITY OF THE CLIENT.
CONTRACTOR UNLESS OTHERWISE AGREED IN WRITING.

PROPOSED MATERIALS

Roof:

1. All Roofing to be **EuroClad Elite 6 Roofing System.**

Windows/ Curtain Walling and Doors:

2. Windows: Grey PPC aluminium windows, polyester powder coated to RAL 7016 (Anthracite Grey), from an approved manufacturer
3. Aluminium curtain walling by Reynaers Aluminium or similar approved
4. External Doors: Main Entrance - Grey PPC aluminium double doors, polyester powder coated to RAL 7016 (Anthracite Grey).
5. Lathams steel security fire exit doorset, powder coat to RAL 7016 Anthracite Grey
6. Roller shutters:ASSA ABLOY Geared Drive Fire Shutter / ASSA ABLOY Fire Rated Roller Shutter

Walls:

7. Facing brick <1200 to be **Marshals - Howlite Grey Facing Bricks**
8. Above 1200mm to be EuroClad Elite 54 (or similar approved) insulated wall system.

-	-	-	-
REVISIONS			

RICHARD ANDREWS ARCHITECTS
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Job **Kenfig Industrial Estate**

Drawing **Proposed Roof Plan**

Number **R 9 7 2 – 2 3 A 1**

Scale	Date	Drawn	Checked
1:100	05/26	RH	DP