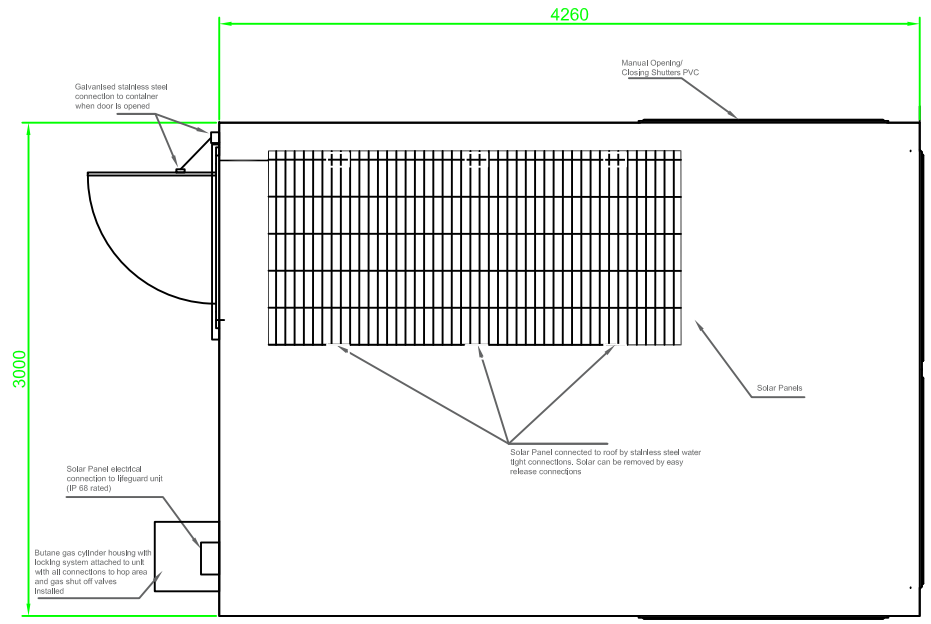
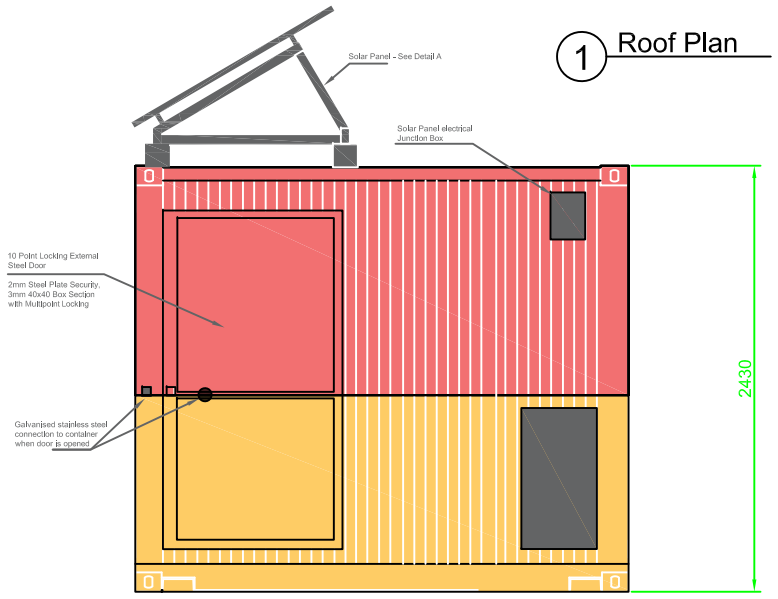
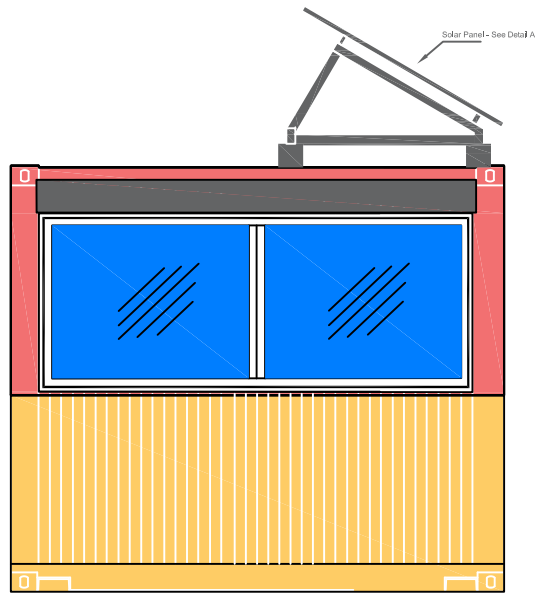
OPTION 1 - New Build Lifeguard Steel Construction Unit with Solar Panel(s), Power Station and other equipment installation



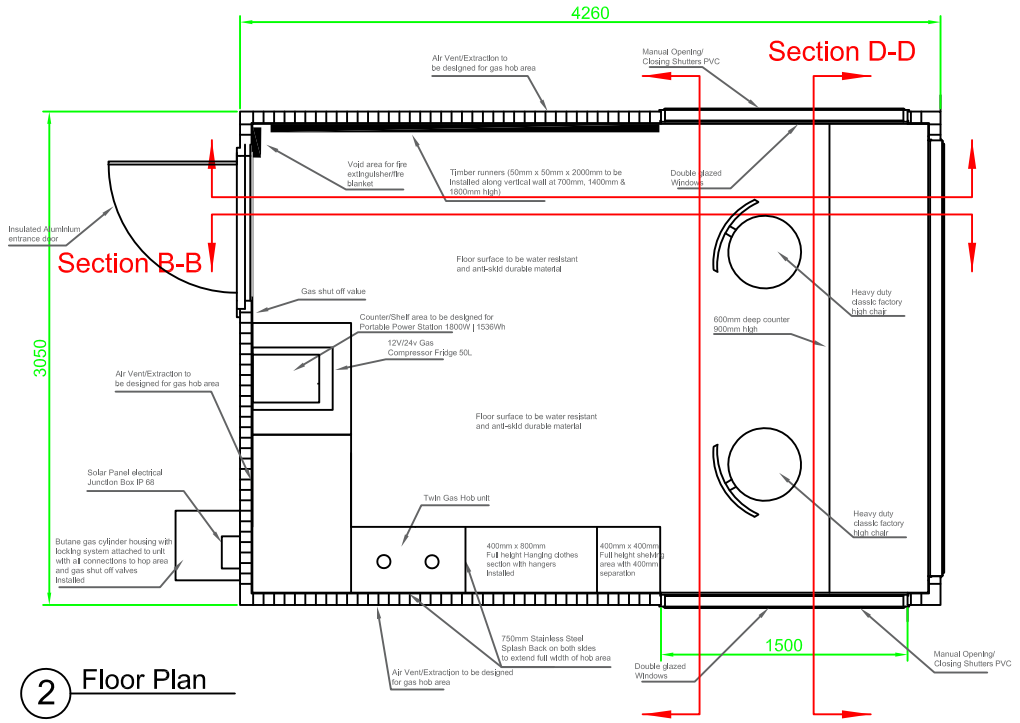
1 Roof Plan



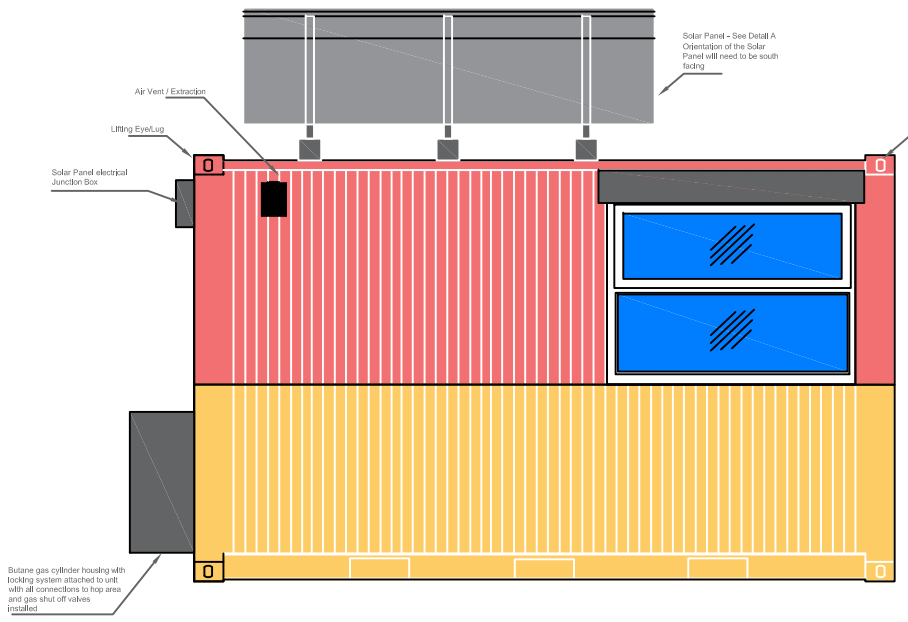
3 Back



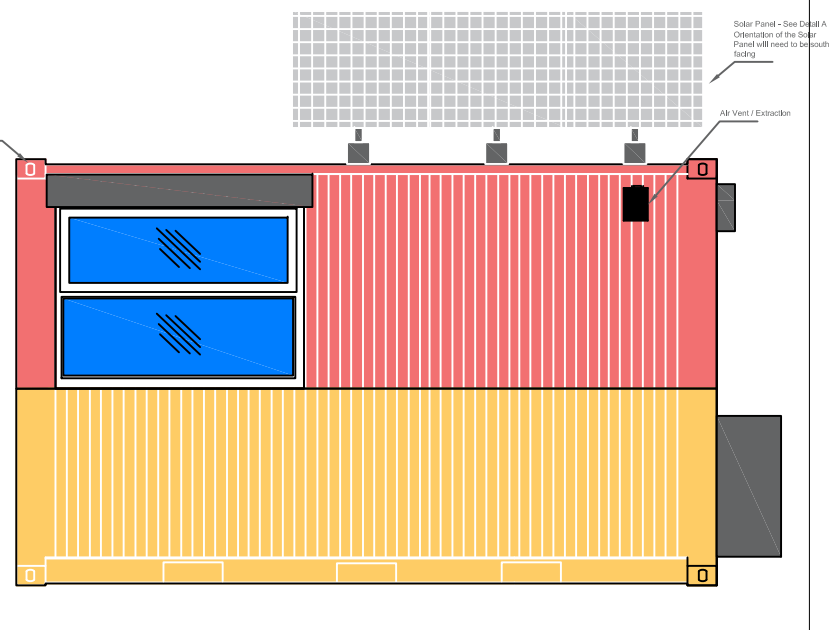
4 Front



2 Floor Plan

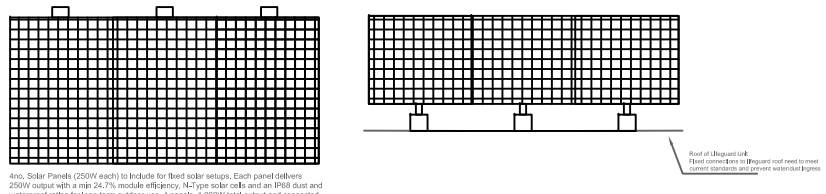


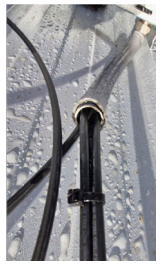
6 Right Hand Side



Left Hand Side 6

Detail A - Removable Solar Panels with fixed points on Lifeguard roof





- PV Panels shall have a 25-year power/performance warranty with 25 years of 84.8% output power
- PV panel shall have a 12 year product warranty and all associated infrastructure shall have a 10 year product warranty.
- Install a suitable mounting system that is suitable for the particular environment and local conditions to which it will be exposed, including the degree of exposure to wind and to a corrosive environment (e.g. salt and windblown sand in coastal sites.) •
- Orientiation shall be both vertical and horizontal to maximise daylight and sunlight
- Cabling (See picture on LHS) on the array side of the PV system must be adequately protected from abrasion and cuts, maximum temperatures of 80C and provide UV and water resistance over the system lifespan. Drilling of the roof surfaces for cable access is not acceptable. Side entry only permitted
- The supplier must consider all maintenance requirements including appropriate and safe access for cleaning to maintain their performance.
- Upon completion of the entire installation, the supplier shall carry out a thorough inspection and check of all work, including the integrity of terminations, connections, fixings, cleanliness of enclosure interior and such like to the satisfaction of the Engineer.
- The array shall be fitted with lighting and over voltage protection and metal oxide varistors shall be provided inside the array junction box and suitable metal oxide varistors shall be provided in the inverter to protect the inverter from over voltage

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NOTES:
(a) This Map is based on Irish Transverse Mercator (ITM) Coordinate System.
(b) All Altitudes Indicated are in Metres, and are referred to Ordnance Datum, which is Mean Sea Level at Malin Head, Co. Donegal (1970 Adjustment).
(c) These Maps are used under The Licensing Agreement between the Ordnance Survey Ireland and the County and City Manager's Association (CCMA) for 1998 to 2001, and of the Copyright Act ,1963. Licence No: **Kerry County Council CCMA 2014/19**

Rev	Drawing Issue & Revision Control	Issue P	I	A	T	C	R	Drawn By	Checked By	Issue Date
01	Tender Drawing				✓			DD	SMCS	08/2026

P = Preliminary **I** = Information **A** = Approval **T** = Tender **C** = Contract **R** = Record

KERRY COUNTY COUNCIL
ENVIRONMENT SECTION
MAINE STREET
TRALEE,
CO. KERRY.

Mr. Paul Neary
Director of Services,

PROJECT NAME: Supply of two (2) no. Lifeguard Units at Maharees & Rossbeigh

TITLE: **OPTION 1 -** New Build Lifeguard Steel Construction Unit with Solar Panel(s), Power Station and other equipment Installation **- Plan & Elevations -**

DRAWN:	D.DONEGAN	CHECKED:	S.MCSWINEY	APPROVED:	S.MCSWINEY
DATE:	08/2026	SCALE @ A1:	DNS	PROJECT NUMBER:	2026-01
DRAWING NUMBER:	2026-01-01			REV:	