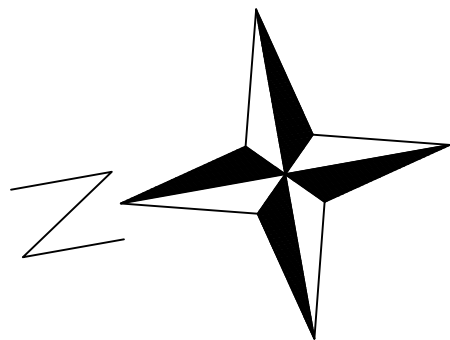
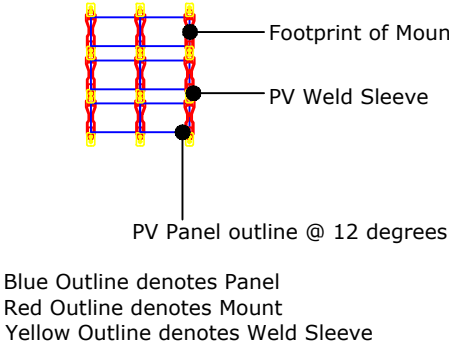




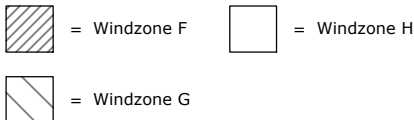
- Wind loading calculations have been carried out based on site specific data and the building dimensions. Where modules have **not** been located within **Zones F & G** this is due to the project specific wind loading calculations.
- The **Green Line** identifies a **1000mm** boundary from the inside of the roof perimeter. This is the minimum distance BauderSOLAR PV panels should be installed from the roof edge.
- The **Magenta Line (where illustrated)** identifies an indicative mansafe system, or handrail, **1800mm** from the roof perimeter. Should this not be required please consult Bauder Ltd.
- Minimum **1000mm** has been allowed for around all roof access hatches, AOV's, upstands, mechanical plant etc. for maintenance purposes/access.
- * Numerous site specific factors can influence inverter specification. Inverters and optimisers specified are for guidance purposes only. MCS Accredited PV Contractor to confirm exact specification prior to installation.

Bauder Solar F XL - Solarwatt module

Key:



Windzones Key:



Important notice: Modules installed in zones F & G will be subject to significantly higher windloads than zone H. Where possible, all modules should be located minimum 1m from any roof plant, upstands or roof openings. Please contact Bauders technical office before re-locating any modules

Design Information

No. Mounts Required:	100
No. Sleeves Required:	117
Type of Optimizer:	P850p x 37
Area of PV Panels:	143.264 m2

General Information

Total power DC:	30.34 kWp
BAUDER System type:	Bauder Solar F XL
Module type:	Classic H 2.0 Pure 30 (410wp)
Module amount:	74 Units
Azimuth:	10 Degrees SW

All Dimensions, positions of Rooflights and Outlets/SVP's/mansafe systems are to be checked on site **by the installing contractor** for clashes **BEFORE** the PV design is ordered.

1	25.10.23	Additional 24 Panels & SolarEdge Inverter	CD
Rev	Date	Description	Drawn By

BAUDER

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Tel: +44 (0)1473 257671
Fax: +44 (0)1473 230761
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Ireland.
Tel: +353 (0)42 9692 333
Fax: +353 (0)42 9692 839
Email: technical@bauder.ie
bauder.ie

Installing contractor is responsible for checking this scheme against architects drawings/site requirements and to advise Bauder immediately of any discrepancies. Orders placed against this drawing reference assume approval of this scheme. Any materials required over and above the quantities given, will be charged accordingly.

Contract Name:
McCarthy & Stone Boltro Road, Worthing,
West Sussex, RH16 1BJ

Bauder Solar F XL PV Layout Plan

Contract No:	B234594/1		
Drawing No:	B234594PV - 20231006		
Designed to Drawing No:	LSE-2780-04-A-0207_Roof Plan		
Scale:	N.T.S		
Drawn By:	CD	Date:	06.10.23

Roof Area Name:	Roof Height:	Membrane Type:	No. Panels:	No. Mounts:	No. Weld Sleeves:	Inverter Type 1: See Note Above *	Inverter Type 2: See Note Above *
Roof Above 5th Floor	14.475m	Thermofol	74	100	117	SE-30000-APP x1	-
-	-	-	-	-	-	-	-
Total Parts Required:	-	-	74	100	117		