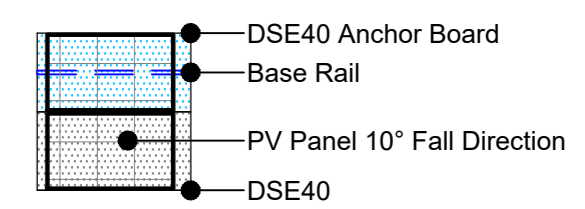


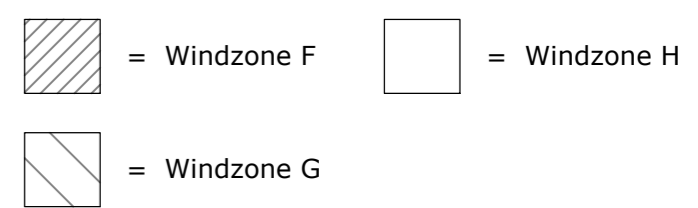
- Wind loading calculations have been carried out based on site specific data and the building dimensions. Where modules have not been located within **Zones F & G** this is due to the project specific wind loading calculations.
- The **Green Line** identifies a **1000mm** boundary from the inside of 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 G Light - 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	
Short Mounting Rails:	35
Long Mounting Rails:	14
Type of Optimizer:	N/A
Area of PV Panels:	117.12 m2
General Information	
Total power DC:	25.8 kWp
BAUDER System type:	Bauder Solar G Light
Module type:	Classic AM 2.5 Pure (430wp)
Module amount:	60 Units
Azimuth:	Various

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.

Rev	Date	Description	Drawn By



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 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:
 2 Chester Road, Chester Road Hostel, London, N19 5BP

Bauder Solar G Light PV Layout Plan

Contract No:	B235630/1
Drawing No:	B235630PV - 20231128
Designed to Drawing No:	123007-WGI-CH-RF-DR-A-2105
Scale:	N.T.S
Drawn By:	CD
Date:	28.11.23

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 *
Block A	13m	BTGRS	20	22	N/A	SOL-S5-GC25K-DC x1	-
Block A1	13m	BTGRS	28	28	-	-	-
Block C	13m	BTGRS	12	13	-	-	-
Total Parts Required:	-	-	60	63	N/A		

Required Ballast In Kg/m²:

= 100