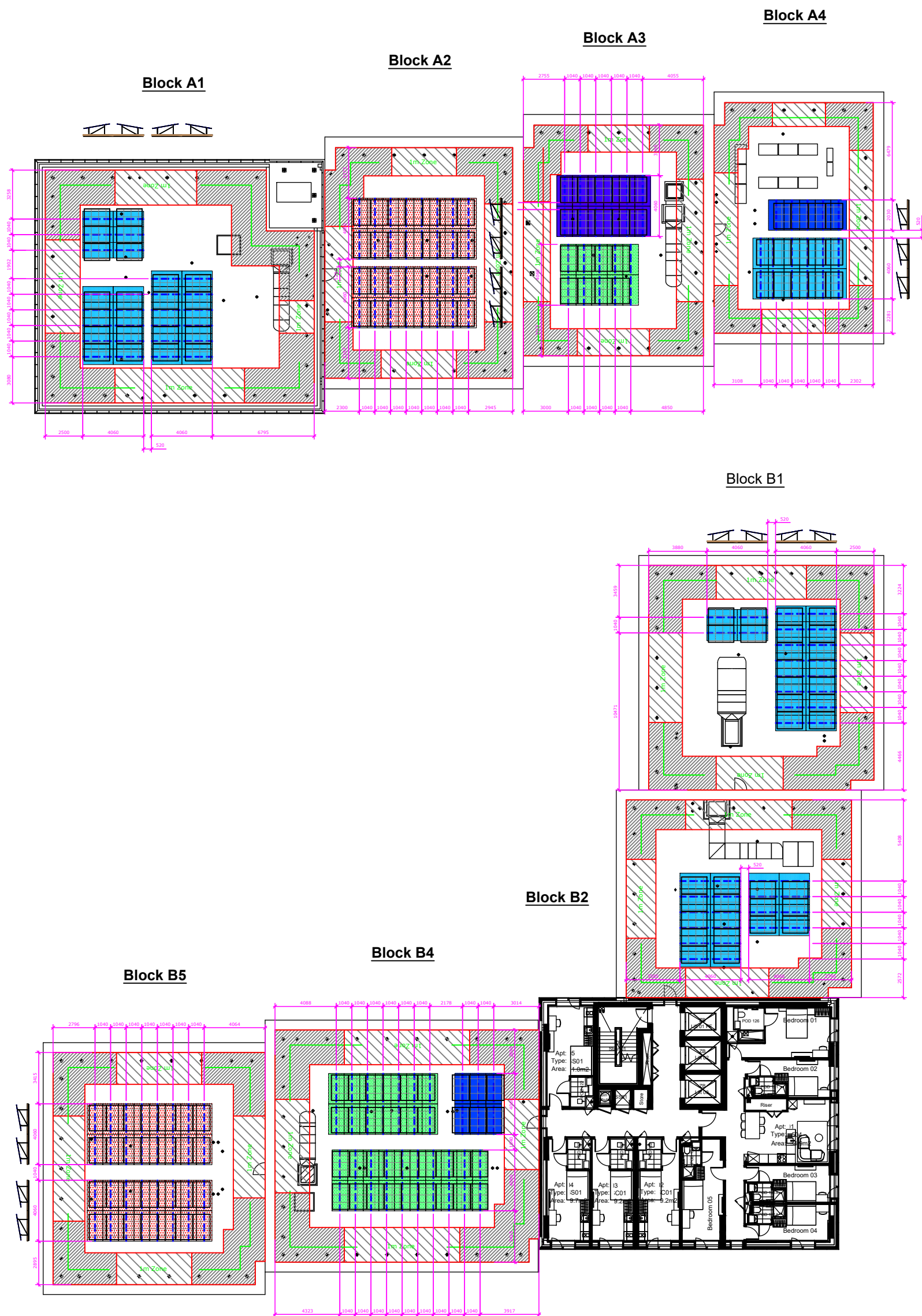
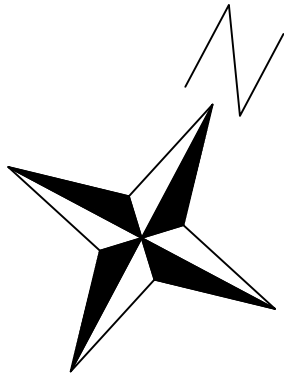
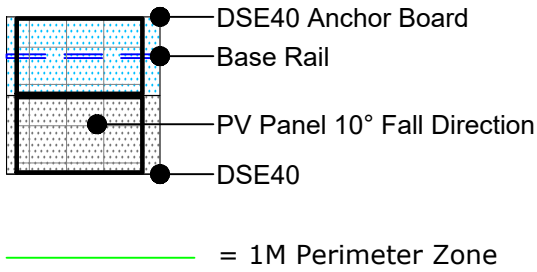




- Wind loading calculations have been carried out based on site specific data and the building dimensions. Where modules have not been located within **Zones F & G** this is due to the project specific wind loading calculations.
- The **Green Line** identifies a **1000mm** boundary from the inside of 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 - JA Solar module

Key:



Design Information	
Short Mounting Rails:	0
Long Mounting Rails:	103
Module Rails:	120
Type of Optimizer:	TBC By Installing Contractor.
Area of PV Panels:	355.446m2

General Information	
Total power DC:	75.53 kWp
BAUDER System type:	Bauder Solar G Light
Module type:	JAM54S31-415/MR (415wp)
Module amount:	182 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.

7	04.03.24	Panels revised to JAM54S31 415wp.	DAM
6	07.11.23	Panels relocated to avoid clashes.	DAM
5	30.10.23	Panel locations altered.	DAM
3	31.05.23	Inverter spec changed.	DAM
1	09.09.22	Panel type changed to Solarwatt.	DAM
1	21.09.22	PV target reduced.	DAM
Rev	Date	Description	Drawn By

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Fax: +353 (0)42 9692 639
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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:
First Street South
Manchester, M15 6JG

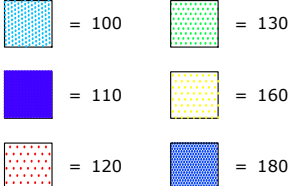
Bauder Solar G Light PV Layout Plan

Contract No:	B193311		
Drawing No:	B193311PV - 20210909		
Designed to Drawing No:	10266-Z0-A-G200-PL-RF-001		
Scale:	N.T.S		
Drawn By:	D.Mitchell	Date:	09.09.21

Roof Area Name:	Roof Height:	Membrane Type:	No. Panels:	No. Mounts:	No. Weld Sleeves:	Inverter Type 1: See Note Above *	Inverter Type 2:
Roof Area A1	69.70m	BTGRS	24	28	N/A	Solaredge (TBC)	-
Roof Area A2	55.00m	BTGRS	28	32	N/A	Solaredge (TBC)	-
Roof Area A3	43.20m	BTGRS	18	22	N/A	Solaredge (TBC)	-
Roof Area A4	34.50m	BTGRS	14	17	N/A	Solaredge (TBC)	-
Roof Area B1	57.90m	BTGRS	18	20	N/A	Solaredge (TBC)	-
Roof Area B2	69.60m	BTGRS	16	20	N/A	Solaredge (TBC)	-
Roof Area B4	69.60m	BTGRS	36	40	N/A	Solaredge (TBC)	-
Roof Area B5	57.90m	BTGRS	28	32	N/A	Solaredge (TBC)	-
Total Part Numbers:	-	BTGRS	182	211	N/A		

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

Required Ballast In Kg/m²:



Windzones Key:

