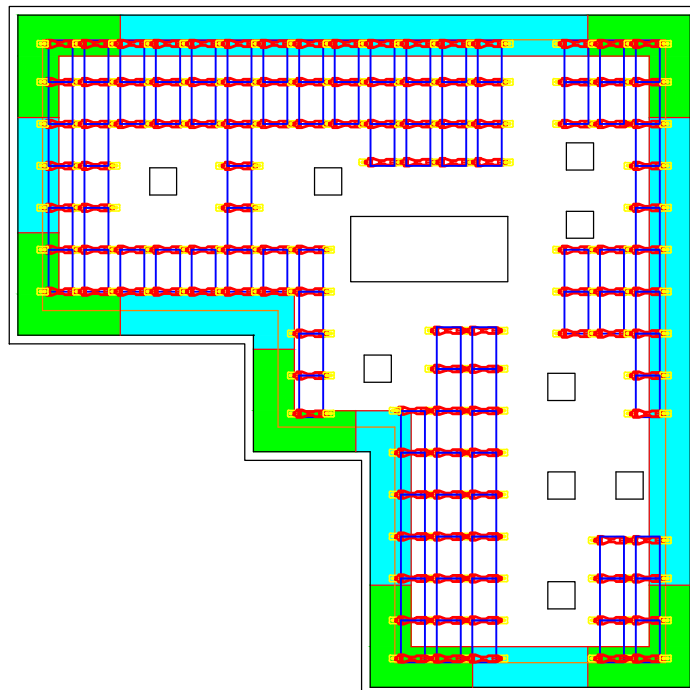
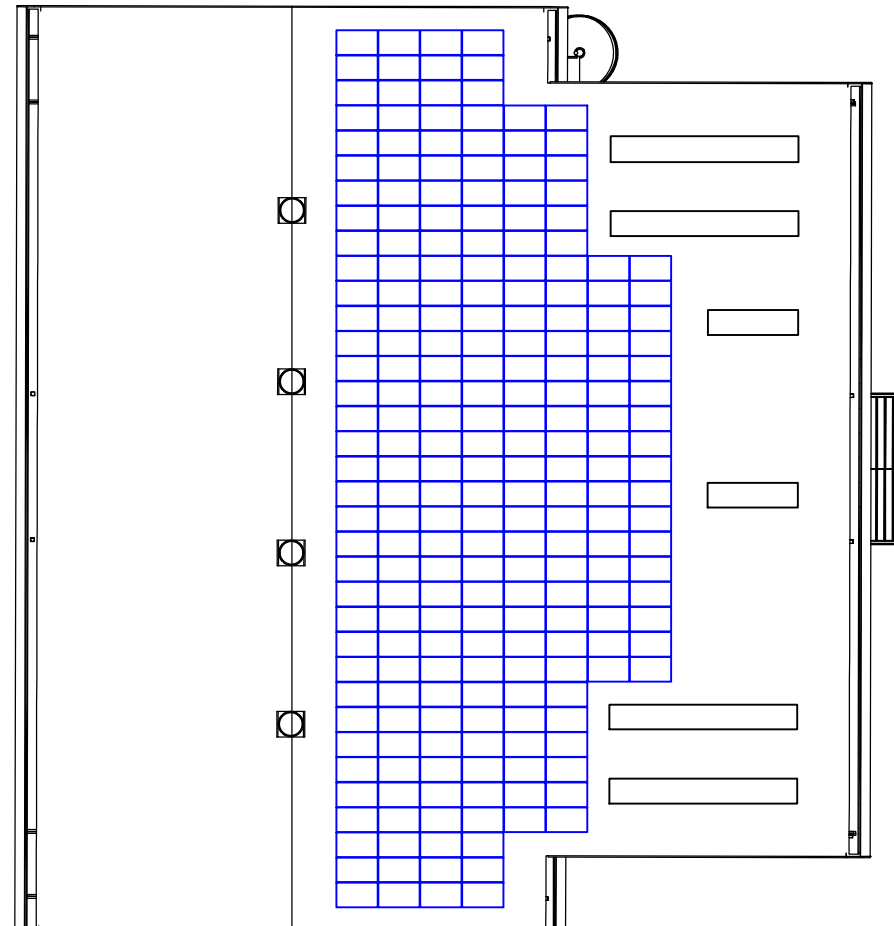


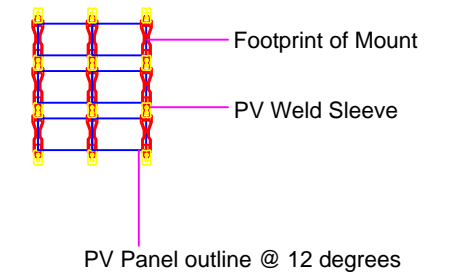
New Teaching Block
JA Solar 340wp 60 Cell x95 = 32.30 kWp



Sports Hall Roof
JA Solar 340wp 60 Cell x232 = 78.88 kWp



Bauder SOLAR - JA Solar module

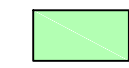

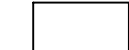


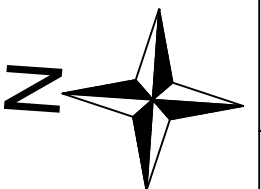
Blue Outline denotes Panel
 Red Outline denotes Mount
 Yellow Outline denotes Weld Sleeve

Design Information

No. Mounts Required:	123
No. Sleeves Required:	159
Type of Sleeve:	BTRS
Type of Inverter:	Solis-30K x2 Solis-36K x1
Type of Panel:	Monocrystalline
Area of PV Panels:	550.01m ²

Wind suction areas (Structural analysis)

-  Corner area F
-  Edge area G
-  Inner area H



General Information

Total power DC	111.18 kWp
BAUDER System type	Bauder SOLAR
Module type	JAM60S10 - 340/PR (340wp)
Module amount	327 Units
Azimuth	4 Degrees SE

This Layout is based on the given information. For a more detailed engineering, more information about the roof and nearby objects are necessary.

BAUDER Ltd.
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 Ipswich, IP3 0DH



Scale:
 Client: **Horizon Construction Group**

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	Date	Name
Drawn	07.04.20	Darren Mitchell
Changed	09.04.20	Darren Mitchell
Checked		

Project:
Chelmsford High School for Girls
Broomfield Road, Chelmsford

Drawing No.:
B183455PV - 20200409

Drawing Title: PV Layout Plan PV Design Layout	Format A
Planning Period:	Sheet

File Name: B183455PV - 20200409.dwg