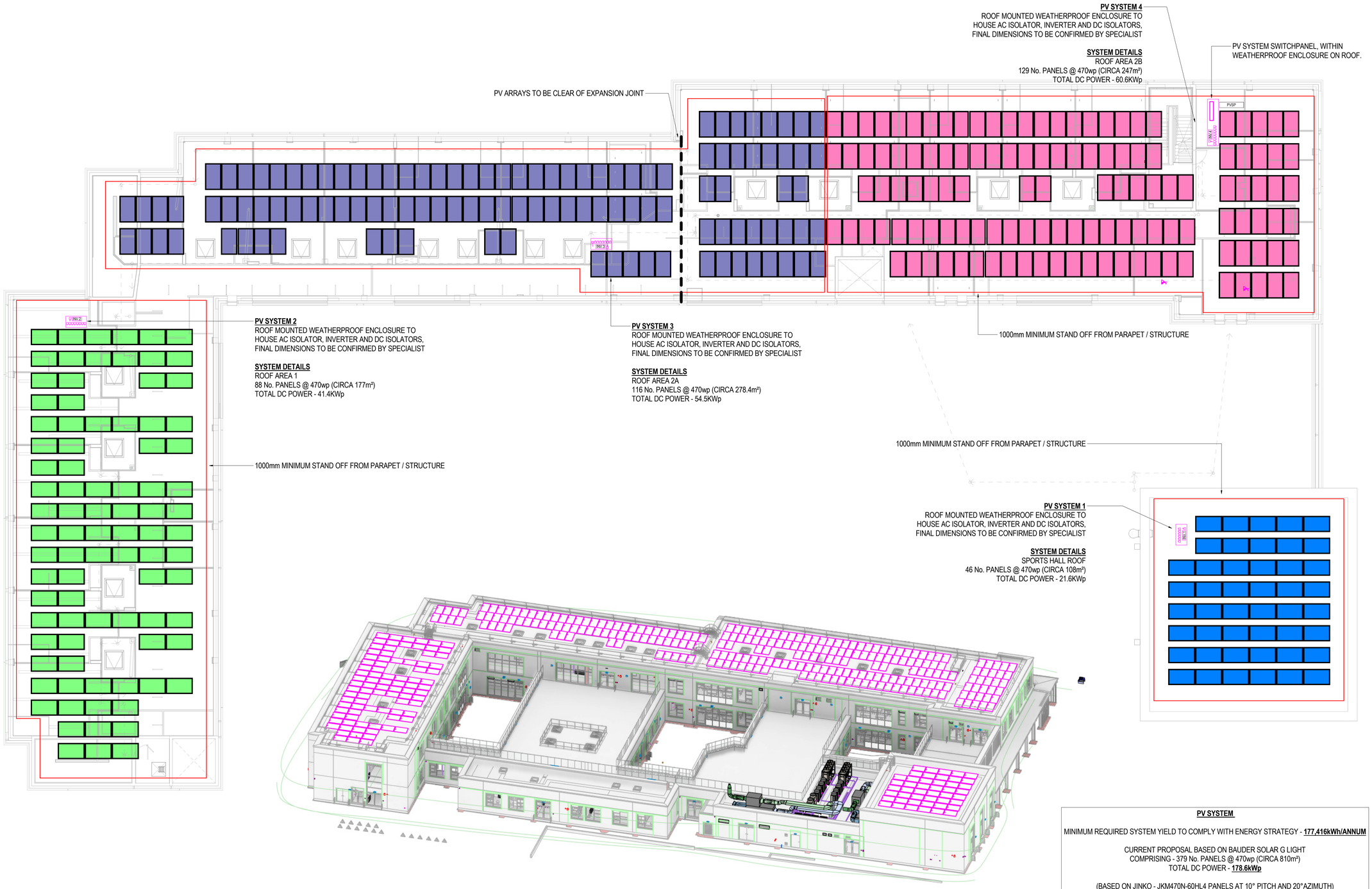

PV SYSTEM

MINIMUM REQUIRED SYSTEM YIELD TO COMPLY WITH ENERGY STRATEGY - **177,416kWh/ANNUM**

CURRENT PROPOSAL BASED ON BAUDER SOLAR G LIGHT
COMPRISING - 379 No. PANELS @ 470wp (CIRCA 810m²)
TOTAL DC POWER - **178.6kWp**

(BASED ON JINKO - JKM470N-60HL4 PANELS AT 10° PITCH AND 20°AZIMUTH)

REFER TO SCHEMATIC FOR FURTHER DETAILS

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CDM REGULATIONS 2015

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NOTES:

1) CONTRACTOR TO ENPLOY PV SPECIALIST TO DESIGN, SUPPLY, INSTALL TEST AND COMMISION A FULL AND FUNTIONAL PV SYSTEM.

2) PV SPECIALIST TO CONFIRM CONTAINMENT REQUIREMENTS AT ROOF LEVEL TO ACCOMODATE STRING CABLING.

3) PV SPECIALIST TO BE RESPONSIBLE FOR COMPLETING ALL NECESSARY APPLICATION TO THE DNO FOR G99 COMPLIANCE.

4) CURRENT DESIGN IS BASED ON PROPOSALS PROVIDED BY BAUDER. FOR SYSTEM DETAILS CONTACT - DARREN MITCHELL - d.mitchell@bauder.co.uk

5) INVERTERS AND CONTROLS TO BE LOCATED ON ROOF WITHIN WEATHERPROOF ENCLOSURE AS NOTED. SPECIALIST TO CONFIRM REQUIRED ENCLOSURE SIZES.

6) PV SPECIALIST TO CONFIRM ANY SAFETY REQUIREMENTS SUCH AS FIRE ALARM INTERLOCKS AND EMERGENCY ISOLATION REQUIREMENTS.

7) PV SPECIALIST TO LIAISE WITH LIGHTNING PROTECTION SPECIALIST TO CONFIRM PROPOSED LIGHTNING PROTECTION SYSTEM CO-ORDINATES WITH PV SYSTEM.

8) PV SPECIALIST TO CONFIRM WEIGHT AND BALLAST REQUIREMENTS TO STRUCTURAL ENGINEER TO VERIFY ROOF LOADINGS.

REV	DESCRIPTION	DATE	BY	CHKD
P04	PV Updated	13.06.2023	HG	AJF
P03	UPDATED CP ISSUE	03.07.2023	HG	AJF
P02	CP ISSUE	21.04.2023	HG	AJF
P01	STAGE 3 - FOR REVIEW AND COMMENT	21.03.2023	HG	AJF

CLIENT: KIER

IN ASSOCIATION WITH:

PROJECT: PINN RIVER SCHOOL

TITLE: **ELECTRICAL SERVICES**
ROOF PLAN
PV SERVICES LAYOUT

DRAWN BY:	LR	SCALE:	1 : 100 @ A0
CHECKED BY:	HG	DATE:	08/03/23

STATUS: S4 - FOR STAGE APPROVAL

DRAWING No: FS0728-RDG-XX-RF-DR-E-9001

PROJECT:	ORG:	ZONE:	LEVEL:	TYPE:	ROLE:	NUMBER:	REV:
FS0728	RDG	XX	RF	DR	E	9001	P04

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