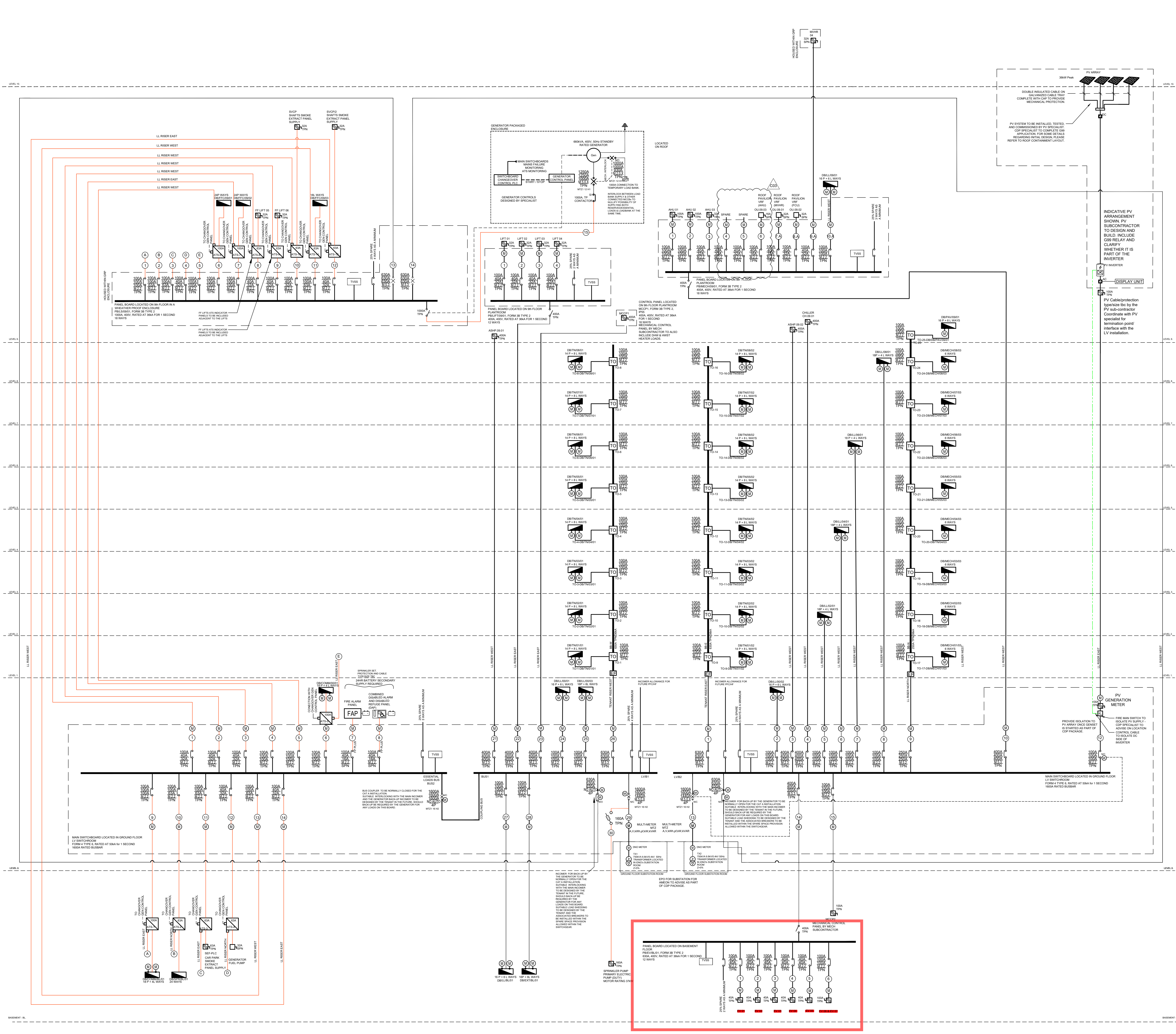




- LEGEND:**
- DISTRIBUTION BOARD  
(X + X WAYS INDICATE SPLIT METERED DISTRIBUTION BOARD)
  - CONTROL PANEL SUPPLYING OTHER LOADS
  - AIR CIRCUIT BREAKER (ACB)
  - MOLDED CASE CIRCUIT BREAKER (MCCB) NSX TYPE, UNLESS OTHERWISE INDICATED
  - DIGITAL MID METER LINKED TO BMS
  - LOCAL SPN/TPN IP65 RATED ISOLATOR 'x' DENOTES RATING
  - KEY LOCKABLE MAIN PHOTO-VOLTAIC ISOLATOR LABELED AND MOUNTED ON MSB
  - AC ISOLATOR
  - DC ISOLATOR
  - DC BOXES
  - PHOTOVOLTAIC PANEL
  - INVERTER/CONVERTER
  - FIRE ALARM PANEL/CLASS CHANGE PANEL
  - COMBINED DISABLED ALARM AND DISABLED REFUGE PANEL
  - POWER FACTOR CORRECTION
  - BUSBAR END FEED UNIT
  - BUSBAR TAP-OFF UNIT SEE CIRCUIT BREAKER TAG FOR DESCRIPTION
  - TRANSIENT VOLTAGE SURGE SUPPRESSOR
  - BREAKER FRAME SIZE (AMPS)
  - TRIP UNIT SIZE (AMPS)
  - TRIP UNIT SETTING (AMPS)
  - TRIP UNIT TYPE
  - NUMBER OF POLES
  - AUTOMATIC TRANSFER SWITCH 'x' DENOTES RATING
  - FIRE RATED CABLE FP800S UNLESS OTHERWISE INDICATED
  - NON FIRE RATED CABLE
  - INCOMING ISOLATOR
  - MCCB NON-AUTO
  - MOTORISED BREAKER CONTROLLED VIA PLC
  - CABLE REFERENCE TAG N=NUMBER
  - LOGIC INTERLINK
  - MOTOR RATED TPN FUSE RATING AS STATED
  - NO NORMALLY OPEN
  - NC NORMALLY CLOSED

Building Outline Information

| Architect Model/Drawing Number | Revision |
|--------------------------------|----------|
| N/A                            |          |

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL, STRUCTURAL AND ENGINEERING SERVICES DRAWINGS, SPECIFICATIONS, SCHEDULES AND PROJECT SPECIFIC DOCUMENTS.

2. ALL PLANT AND EQUIPMENT IS TO BE INSTALLED TO MANUFACTURERS RECOMMENDATIONS, ALLOWING FULL ACCESS FOR COMMISSIONING, MAINTENANCE AND REMOVAL/REPLACEMENT.

3. ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED.

4. DO NOT SCALE FROM THIS DRAWING.

5. MECHANICAL CONTROLS AND CIRCUIT CABLEING TO FINAL PLANT/EQUIPMENT TO BE SUPPLIED AND INSTALLED BY THE MCCP MANUFACTURER.

6. SWITCH PANEL IS TO BE PROVIDED WITH 25% SPARE CAPACITY ON OUTGOING WAYS.

7. ALL MCCBS AND ACB ARE SCHNEIDER LOGIC WITH ELECTRONIC TRIP TO ENSURE FULL SELECTIVITY.

8. ALL ELECTRICAL TRANSFORMER AND GENERATOR PROTECTIONS TO BE VERIFIED WITH AMEON AND PLANT MANUFACTURERS.

| Rev | Description           | SS | 27/03/23 |
|-----|-----------------------|----|----------|
| C03 | Contract Issue        | SS | 06/11/23 |
| C02 | Contract Issue        | SS | 06/10/23 |
| C01 | Contract Issue        | SS | 01/09/23 |
| P05 | Stage 4a Issue Update | SS | 31/07/23 |
| P04 | Stage 4a Issue Update | SS | 24/07/23 |
| P03 | Stage 4a Issue Update | SS | 18/07/23 |
| P02 | Stage 4a Issue Update | SS | 18/05/23 |
| P01 | Stage 4a Issue        | SS | 27/03/23 |

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Tel: (01604) 750072

Client:

BAM Construction Ltd

Project:

Plot 9a First Street

Drawing Title:

LOW VOLTAGE SCHEMATIC

Scale: NTS @ A0

Checked: EP

Drawing Number: MN2A-BAF-XX-XX-SC-E-250000

Revision: C03

Drawing Status:

S4 - ISSUED FOR STAGE APPROVAL

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VC 658367