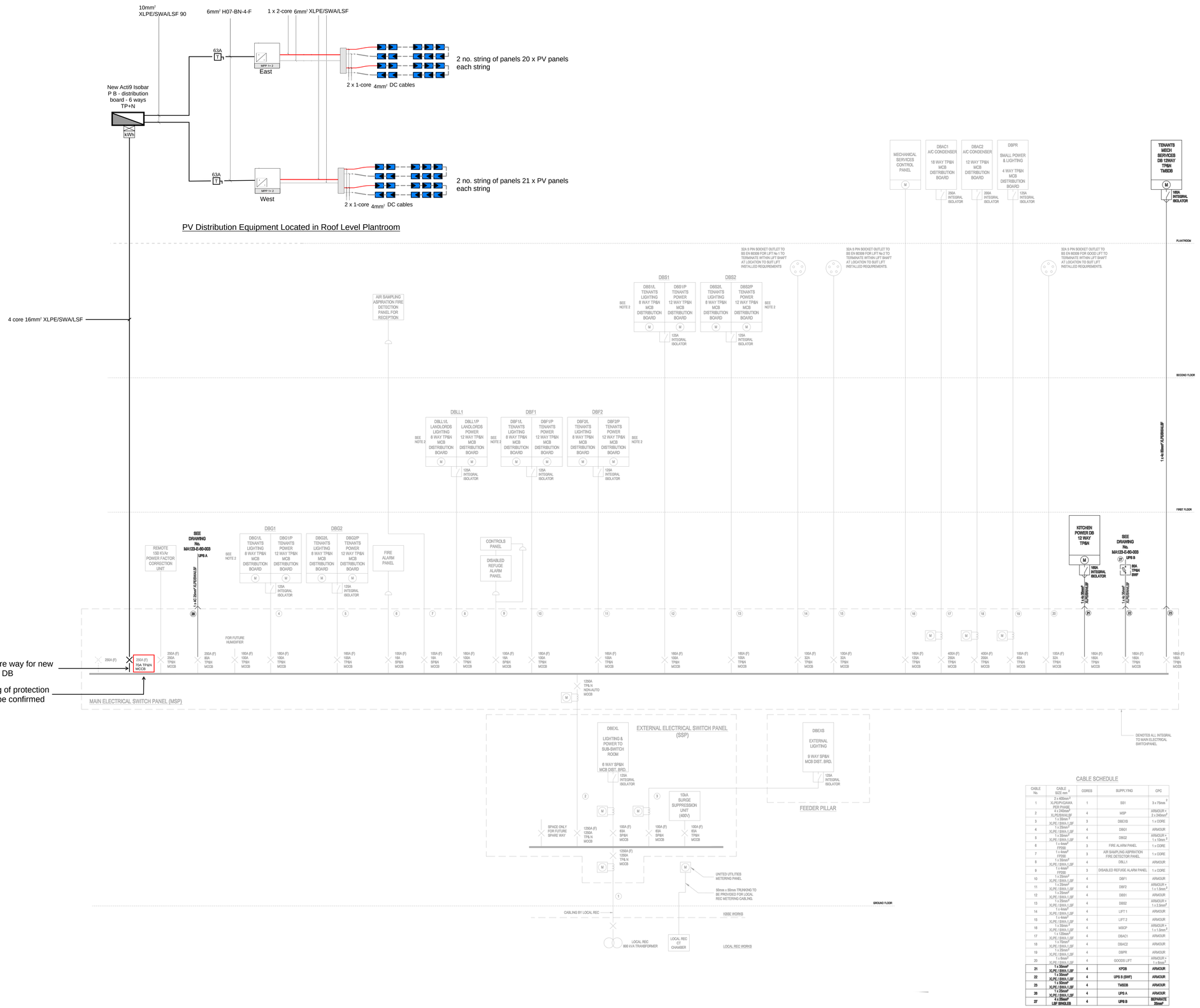


CABLE SCHEDULE

CABLE No.	CABLE SIZE mm²	CORES	SUPPLYING	CPC
1	2 x 400mm² XLPE/PVC/WBA PER PHASE	1	SS1	3 x 70mm²
2	4 x 240mm² XLPE/SWA/LSF	4	MSP	ARMOUR + 2 x 240mm²
3	XLPE / SWA / LSF 1 x 25mm²	3	DBEXS	1 x CORE
4	XLPE / SWA / LSF 1 x 25mm²	4	DBG1	ARMOUR
5	XLPE / SWA / LSF 1 x 35mm²	4	DBG2	ARMOUR + 1 x 10mm²
6	XLPE / SWA / LSF 1 x 4mm² FP200	3	FIRE ALARM PANEL	1 x CORE
7	XLPE / SWA / LSF 1 x 4mm² FP200	3	AIR SAMPLING ASPIRATION FIRE DETECTOR PANEL	1 x CORE
8	XLPE / SWA / LSF 1 x 35mm²	4	DBLL1	ARMOUR
9	XLPE / SWA / LSF FP200 1 x 25mm²	3	DISABLED REFUGE ALARM PANEL	1 x CORE
10	XLPE / SWA / LSF 1 x 25mm²	4	DBF1	ARMOUR
11	XLPE / SWA / LSF 1 x 35mm²	4	DBF2	ARMOUR + 1 x 1.5mm²
12	XLPE / SWA / LSF 1 x 35mm²	4	DBS1	ARMOUR
13	XLPE / SWA / LSF 1 x 4mm²	4	DBS2	ARMOUR + 1 x 2.5mm²
14	XLPE / SWA / LSF 1 x 4mm²	4	LIFT 1	ARMOUR
15	XLPE / SWA / LSF 1 x 4mm²	4	LIFT 2	ARMOUR
16	XLPE / SWA / LSF 1 x 50mm²	4	MSCP	ARMOUR + 1 x 1.5mm²
17	XLPE / SWA / LSF 1 x 120mm²	4	DBAC1	ARMOUR
18	XLPE / SWA / LSF 1 x 70mm²	4	DBAC2	ARMOUR
19	XLPE / SWA / LSF 1 x 25mm²	4	DBPR	ARMOUR
20	XLPE / SWA / LSF 1 x 16mm²	4	GOODS LIFT	ARMOUR + 1 x 6mm²
21	**XLPE / SWA / LSF 1 x 35mm²**	**4**	**KPDB**	**ARMOUR**
22	**XLPE / SWA / LSF 1 x 35mm²**	**4**	**UPS B (SWF)**	**ARMOUR**
23	**XLPE / SWA / LSF 1 x 35mm²**	**4**	**TMSDB**	**ARMOUR**
26	**XLPE / SWA / LSF 1 x 35mm²**	**4**	**UPS A**	**ARMOUR**
27	**4 x 35mm² LSF SINGLES**	**4**	**UPS B**	**SEPARATE 35mm²**

Do not scale from this drawing.
Verify dimensions by site measurement.
Read this drawing in conjunction with the latest architectural and structural drawings.

This drawing is based on the following information:-

Notes

1. This drawing is to be read in conjunction with all electrical drawings & specifications for this contract.

2. All services work to be carried out in accordance with the relevant engineering specification for this contract.

3. The ESI shall note that the record drawings including schematics and floor plans are limited, accuracy of the record drawings cannot be verified and therefore site surveys shall be required to verify the existing installations prior to commencing detailed design.

4. Location of new meter to be agreed subject to detailed design and liaison with the DNO ,refer to specification for further details.

Key

- Solis 25kW Fronius Eco Range Inverter
- Acti9 Isobar P - B Type 6-Way TPN Distribution Board
- 1000Vdc String Combiner Box
- **A TPN Isolator (rating as indicated)

Revision	Date	Description	Drawn	Checked
P02	27/04/23	Contract Issue	MW	RF
P01	07/02/23	For Tender	MW	RF

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Project
PZ Cussons
Photovoltaics

Drawing Title
Electrical Service
Proposed Electrical Distribution Schematic

Scale	Sheet Size	Checked	Approved
NTS	A0	RMF	AH

Status: CONTRACT ISSUE
HM Project No.: 30676
Drawing No.: 30676-HML-ZZ-ZZ-DR-E-181001
Rev: P02

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