8	7	6	5	4	3	2	1

Doc Type:

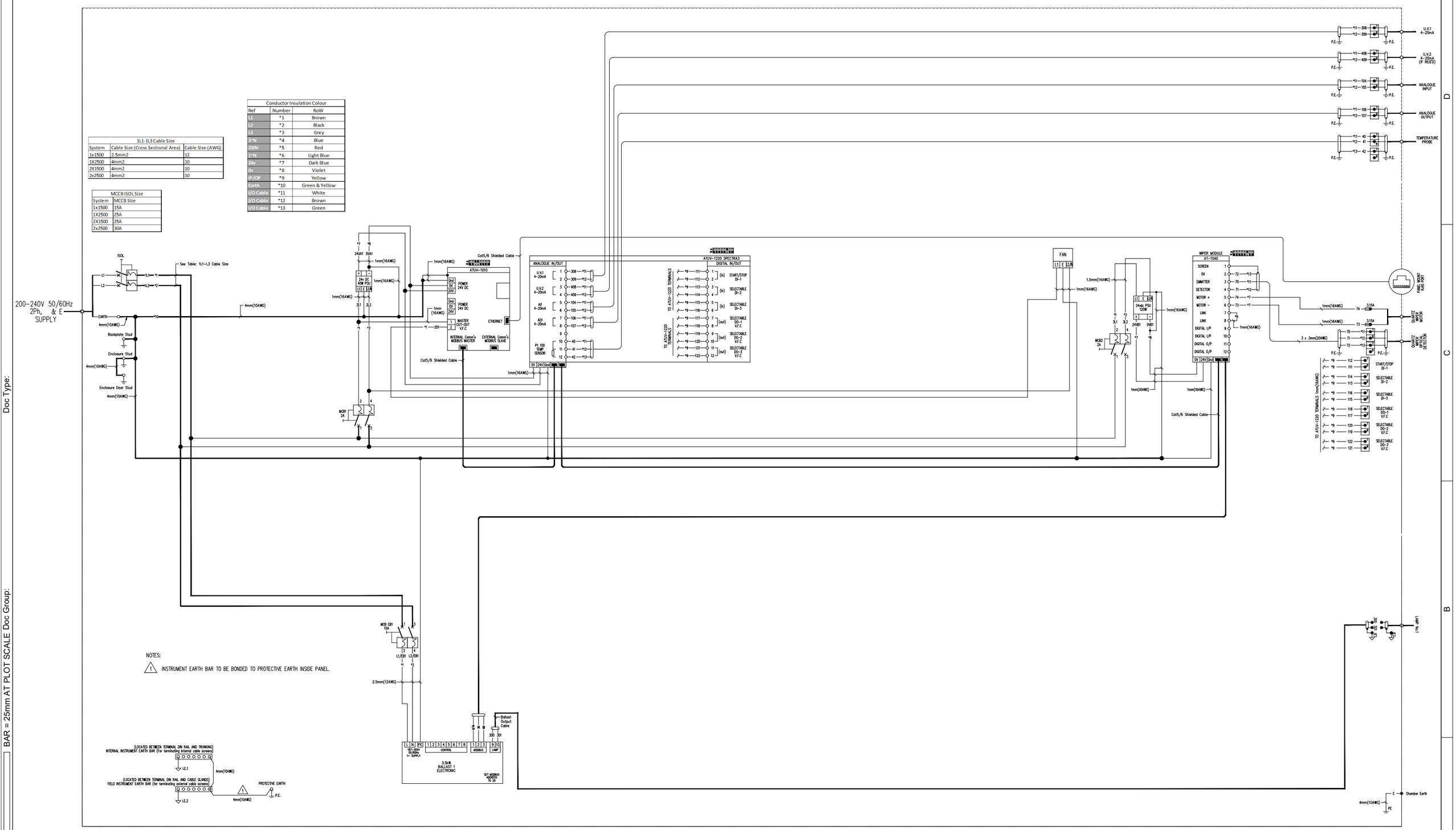
BAR = 25mm AT PLOT SCALE Doc Group:

STD:297x420_A3 v1.4

1L1-1L3 Cable Size		
System	Cable Size (Cross Sectional Area)	Cable Size (AWG)
1x1500	2.5mm2	12
1X2500	4mm2	10
2X1500	4mm2	10
2x2500	4mm2	10

MCCB ISOL Size	
System	MCCB Size
1x1500	15A
1X2500	25A
2X1500	25A
2x2500	30A

Conductor Insulation Colour		
Ref	Number	RoW
L1	*1	Brown
L2	*2	Black
L3	*3	Grey
3°N	*4	Blue
230V	*5	Red
1°N	*6	Light Blue
2°N	*7	Dark Blue
0v	*8	Violet
IP/OP	*9	Yellow
Earth	*10	Green & Yellow
I/O Cable	*11	White
I/O Cable	*12	Brown
I/O Cable	*13	Green



REV	DESCRIPTION	DATE	DWN	CKD	APPD	ECN
F	PRIMARY COMMS CABLE DETAILS REMOVED	16.06.23	MS	MS	MP	ECN0212
E	ANALOGUE TERMINALS UPDATED	05.04.23	MS	JE	MP	ECN0194
D	PSU1 SUPPLY CABLE SIZE WAS 1.5 IS NOW 1MM2	26.01.23	MS	JE	MP	ECN0188
C	0V CONDUCTOR COLOUR UPDATED TO VIOLET	07.03.22	MS	JE	MP	ECN0131
B	ECN0107 PRIMARY COMMS CABLE PN ADDED	08.10.21	MS	JE	MP	ECN0107
A	ISSUED FOR MANUFACTURE	06.04.21	MS	JE	MP	

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DWN BY: MS	DATE 06.04.21		
CKD BY: JE	DATE 06.04.21		
APPD BY: MP	DATE 06.04.21		
MGD BY:	SCALE NTS		
PART NUMBER	PROJ/PROD NUMBER	CODE EC-DOS01	FILE/DRAWING NUMBER ES_1X1500_H03253_06E1_1

SHEET 1 OF 1 | REV F

TITLE ES_1x1500_H03253_06E1_1
CONTROL PANEL
ELECTRICAL SCHEMATIC

CLIENT

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