
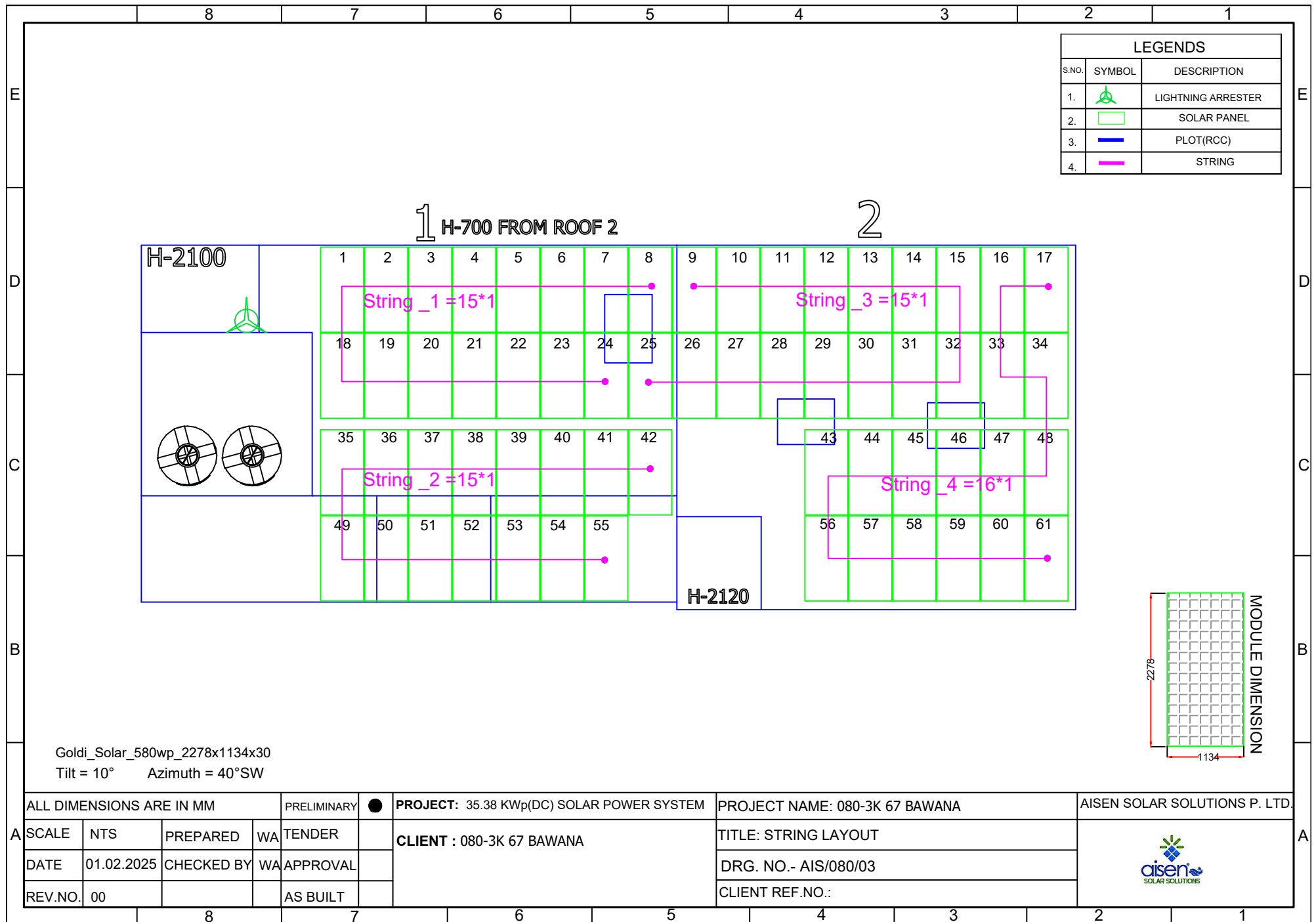
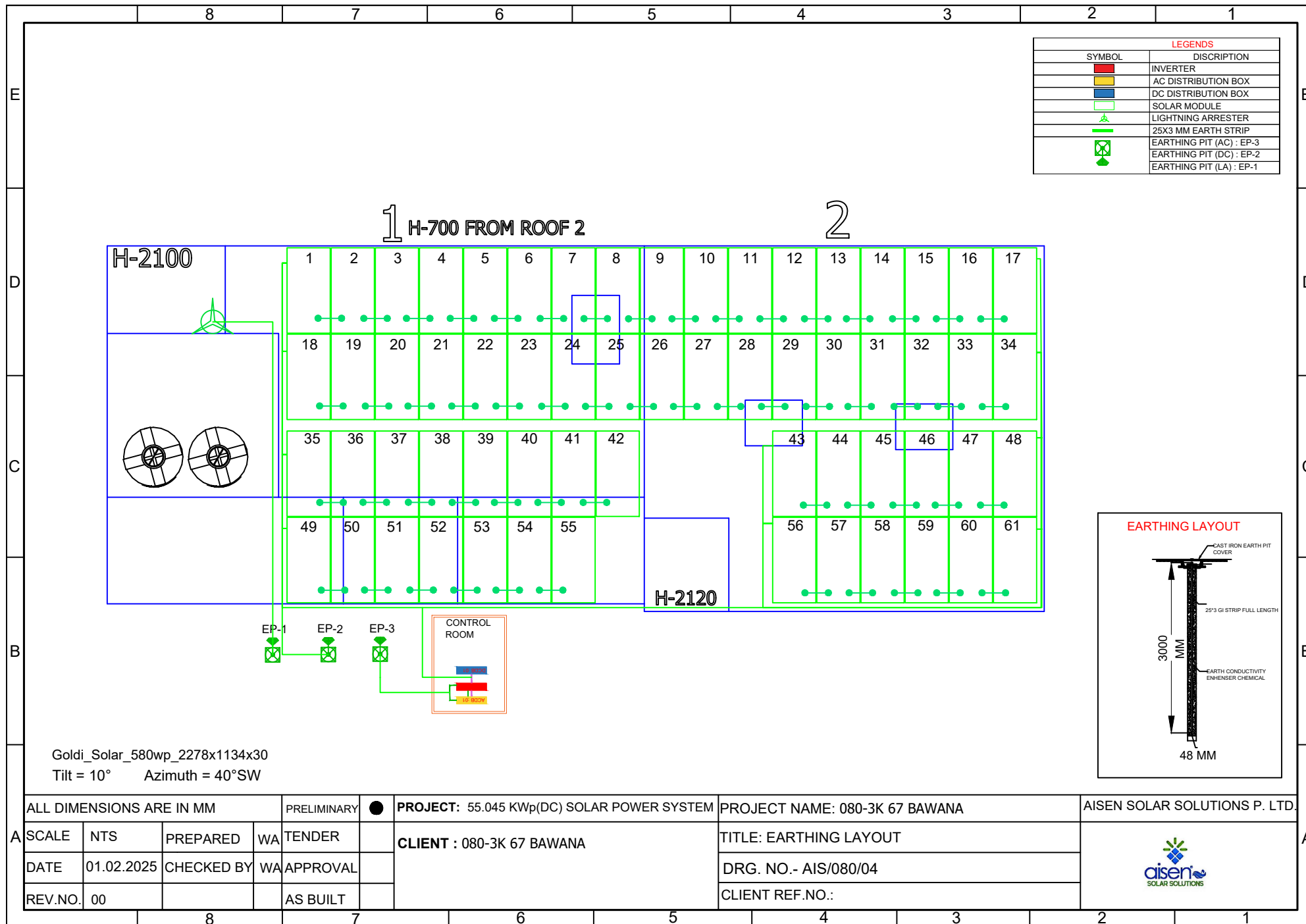
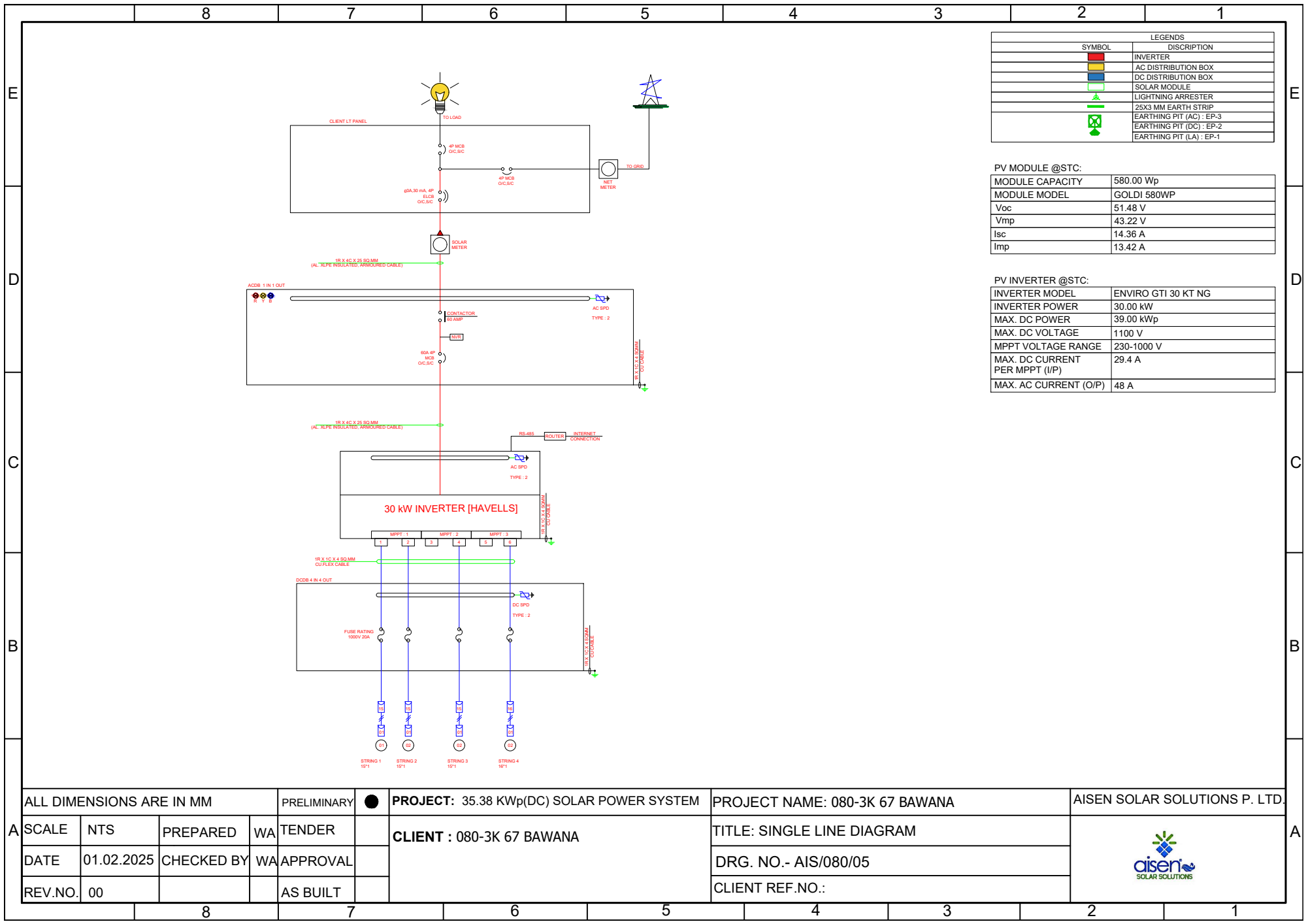


ALL DIMENSIONS ARE IN MM				PRELIMINARY	●	PROJECT: 35.38 KWp(DC) SOLAR POWER SYSTEM	PROJECT NAME: 080-3K 67 BAWANA	AISEN SOLAR SOLUTIONS P. LTD.
SCALE	NTS	PREPARED	WA	TENDER		CLIENT : 080-3K 67 BAWANA	TITLE: GENERAL ARRANGEMENT (SIDE VIEW)	
DATE	01-02-2025	CHECKED BY	WA	APPROVAL			DRG. NO.- AIS/080/02	
REV.NO.	00			AS BUILT			CLIENT REF.NO.:	







LEGENDS	
SYMBOL	DISCRIPTION
	INVERTER
	AC DISTRIBUTION BOX
	DC DISTRIBUTION BOX
	SOLAR MODULE
	LIGHTNING ARRESTER
	25X3 MM EARTH STRIP
	EARTHING PIT (AC) : EP-3
	EARTHING PIT (DC) : EP-2
	EARTHING PIT (LA) : EP-1

PV MODULE @STC:	
MODULE CAPACITY	580.00 Wp
MODULE MODEL	GOLDI 580WP
Voc	51.48 V
Vmp	43.22 V
Isc	14.36 A
Imp	13.42 A

PV INVERTER @STC:	
INVERTER MODEL	ENVIRO GTI 30 KT NG
INVERTER POWER	30.00 kW
MAX. DC POWER	39.00 kWp
MAX. DC VOLTAGE	1100 V
MPPT VOLTAGE RANGE	230-1000 V
MAX. DC CURRENT PER MPPT (I/P)	29.4 A
MAX. AC CURRENT (O/P)	48 A

ALL DIMENSIONS ARE IN MM				PRELIMINARY	●	PROJECT: 35.38 KWp(DC) SOLAR POWER SYSTEM	PROJECT NAME: 080-3K 67 BAWANA	AISEN SOLAR SOLUTIONS P. LTD.	
SCALE	NTS	PREPARED	WA	TENDER		CLIENT : 080-3K 67 BAWANA	TITLE: SINGLE LINE DIAGRAM		
DATE	01.02.2025	CHECKED BY	WA	APPROVAL			DRG. NO.- AIS/080/05		
REV.NO.	00			AS BUILT			CLIENT REF.NO.:		

BOM FOR STRUCTURE MEMBERS - 080-3K 67 BAWANA					
ALL DIM ARE IN MM					
DESCRIPTION	Length	No's	Length	No's	Total length
Purlin	6400	20	654	8	133232
	1813	2	2972	2	9570
Front Leg	2621	6	3330	1	19056
	4071	1	3470	5	21421
	2770	4			11080
Back Leg	3021	4	2321	5	23689
	3870	5	3170	4	32030
Rafter	3900	17	1800	1	68100
Side Bracing	1100	19	2384	17	61428
Back Bracing	3400	8			27200
Base Plate		35			
End Clamp		24			
Mid Clamp		110			
Spring Washer		134			