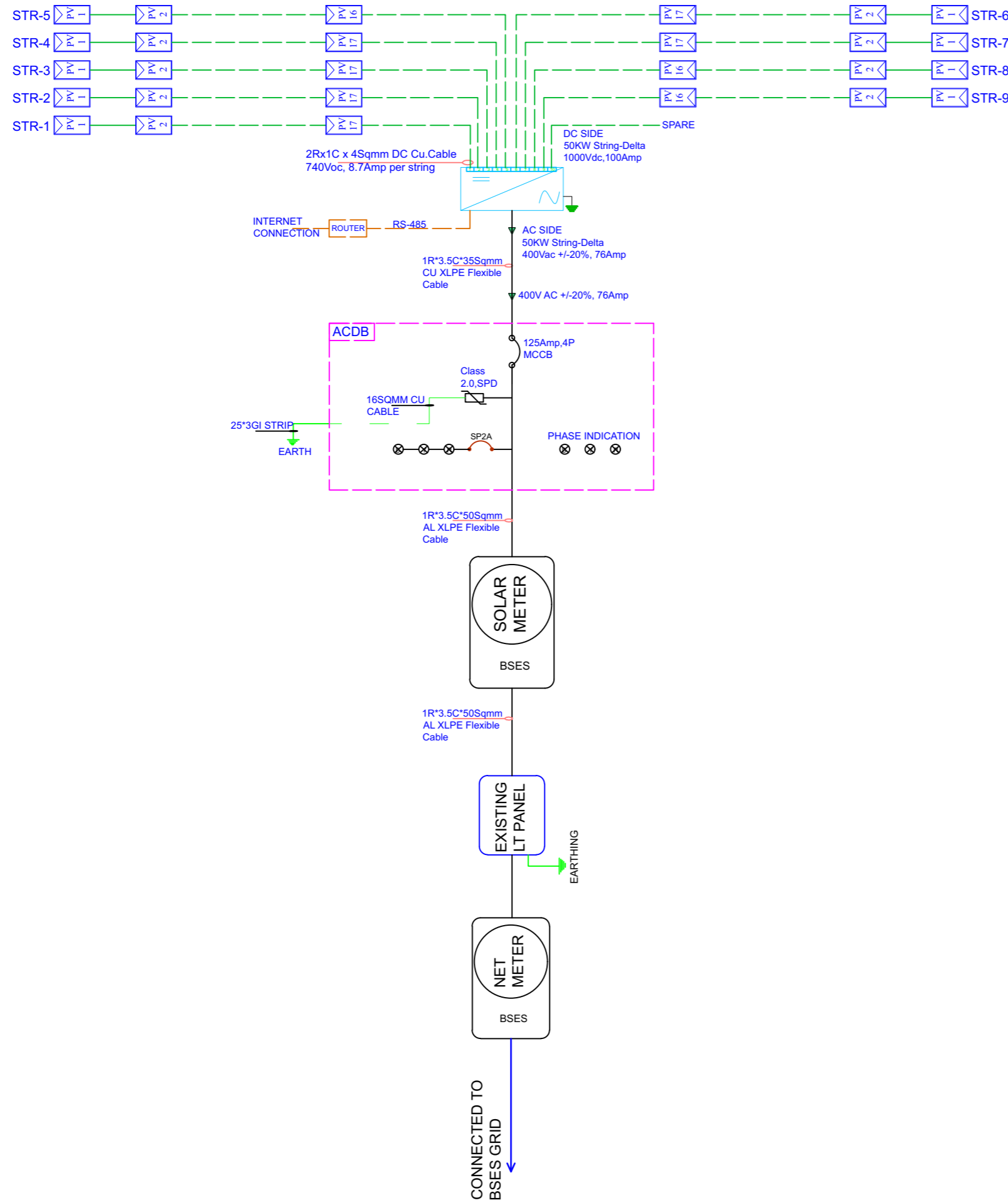


SINGLE LINE DIAGRAM FOR ROOF TOP SOLAR SYSTEM-50KW



LEGEND		
S. NO.	NAME	SYMBOLS
01	PV MODULE	
02	AC/DC SPD-1000V	
03	INVERTER -	
04	AC-MCB-4P,3PH,	
05	METER-CL-0.5S	
06	CT-CL-0.5S	
07	1.1KV,4SQMM,CU CABLE	
08	25*3GI STRIP	

50KW SOLAR PHOTOVOLTAIC POWER PLANT				
S.No.	Details	Unit	Formula	Value
1	Plant Capacity	KWp		50
2	Wattage of PV Module	Wp		315
3	Total No of Modules	Nos		159
4	Number of Modules per String	Nos		16/19
5	No. of Strings	Nos		4/5
6	No. of Strings per Structure	Nos		1
7	Inverter Rating	KW		50
8	Number Of Inverter	Nos		1
9	ACDB	Nos		1

CHECKED			
APPROVED	SLD		
DRG. NO.	REV.	SCALE	DATE
SE/EPC/E.I.L-05	R01.	NTS	24/07/2017