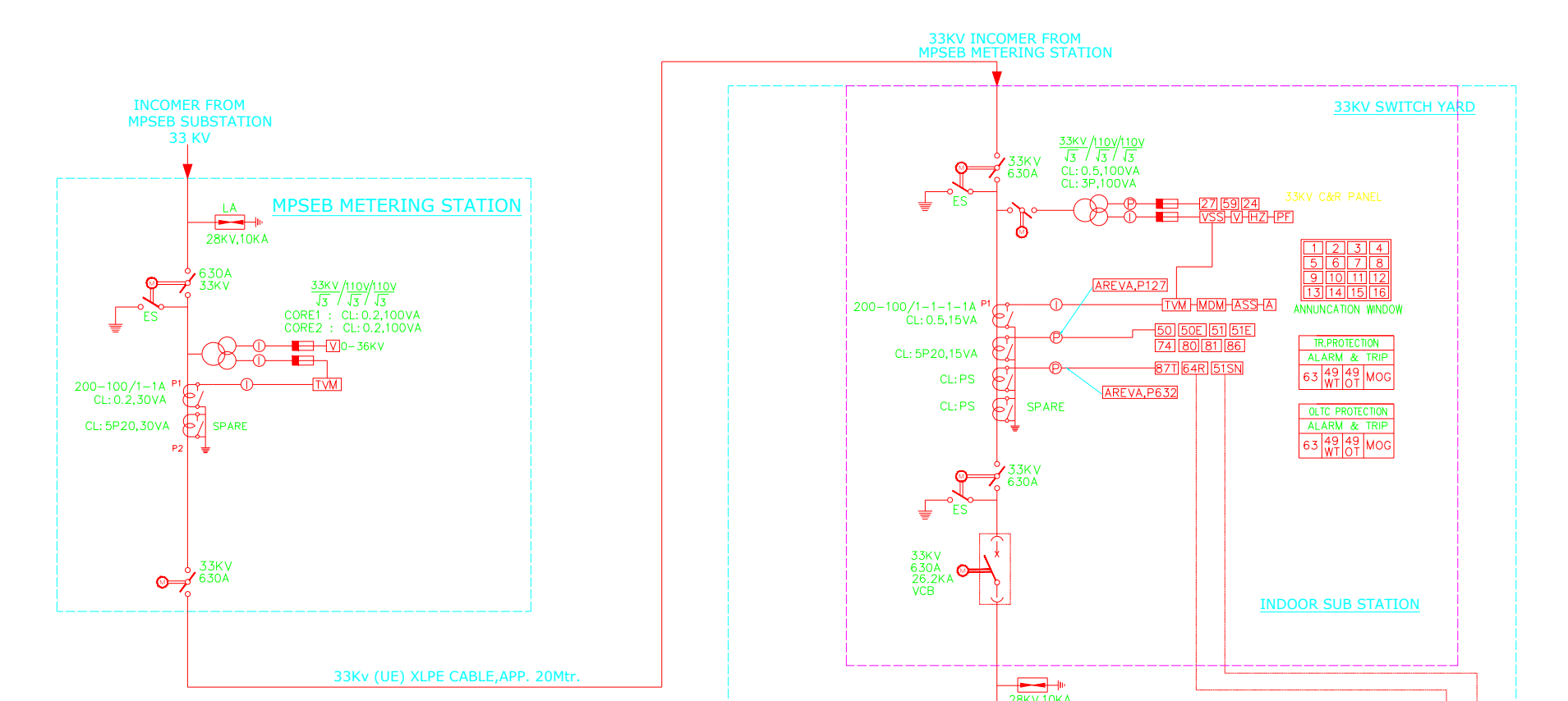
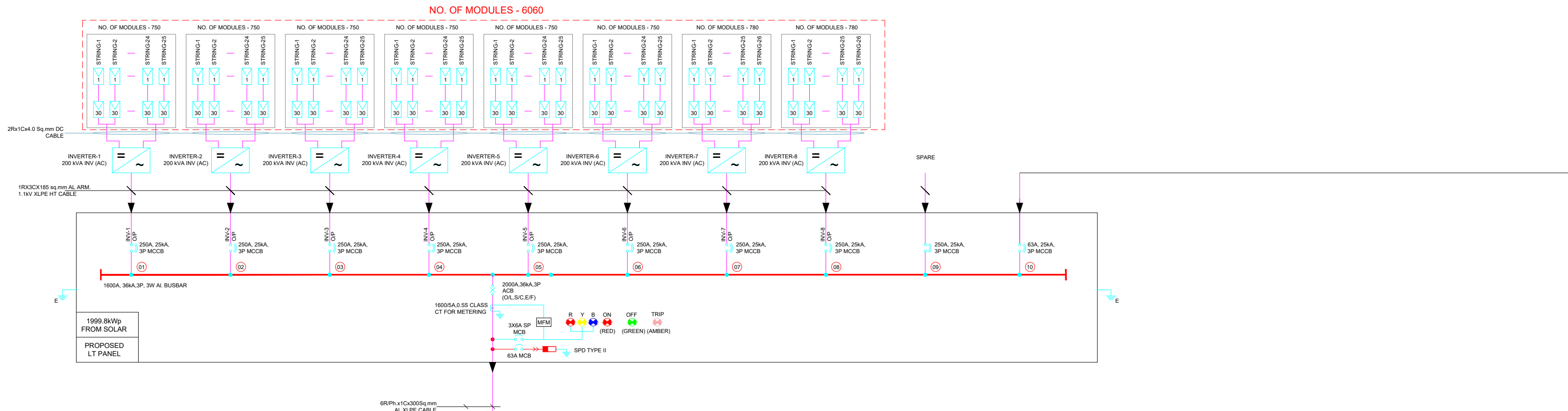


ULCL KATNI									
Transformer (3000kVA)									
MPP NO.	STRING NO.	Type of Converter	LT Panel						
			Group-1		Group-2		Group-3		
			INV-1	INV-2	INV-3	INV-4	INV-5	INV-6	INV-7
			MOD / STR	MOD / STR	MOD / STR	MOD / STR	MOD / STR	MOD / STR	MOD / STR
1	1	MCC-Connector	30	30	30	30	30	30	30
2	2	MCC-Connector	30	30	30	30	30	30	30
3	3	MCC-Connector	30	30	30	30	30	30	30
4	4	MCC-Connector	30	30	30	30	30	30	30
5	5	MCC-Connector	30	30	30	30	30	30	30
6	6	MCC-Connector	30	30	30	30	30	30	30
7	7	MCC-Connector	30	30	30	30	30	30	30
8	8	MCC-Connector	30	30	30	30	30	30	30
9	9	MCC-Connector	30	30	30	30	30	30	30
10	10	MCC-Connector	30	30	30	30	30	30	30
11	11	MCC-Connector	30	30	30	30	30	30	30
12	12	MCC-Connector	30	30	30	30	30	30	30
13	13	MCC-Connector	30	30	30	30	30	30	30
14	14	MCC-Connector	30	30	30	30	30	30	30
15	15	MCC-Connector	30	30	30	30	30	30	30
16	16	MCC-Connector	30	30	30	30	30	30	30
17	17	MCC-Connector	30	30	30	30	30	30	30
18	18	MCC-Connector	30	30	30	30	30	30	30
19	19	MCC-Connector	30	30	30	30	30	30	30
20	20	MCC-Connector	30	30	30	30	30	30	30
21	21	MCC-Connector	30	30	30	30	30	30	30
22	22	MCC-Connector	30	30	30	30	30	30	30
23	23	MCC-Connector	30	30	30	30	30	30	30
24	24	MCC-Connector	30	30	30	30	30	30	30
Total Modules			6000	750	750	750	750	750	750
DC Capacity			1999.8	247.5	247.5	247.5	247.5	247.5	247.5
DC/AC			1.2275	1.2275	1.2275	1.2275	1.2275	1.2275	1.2275

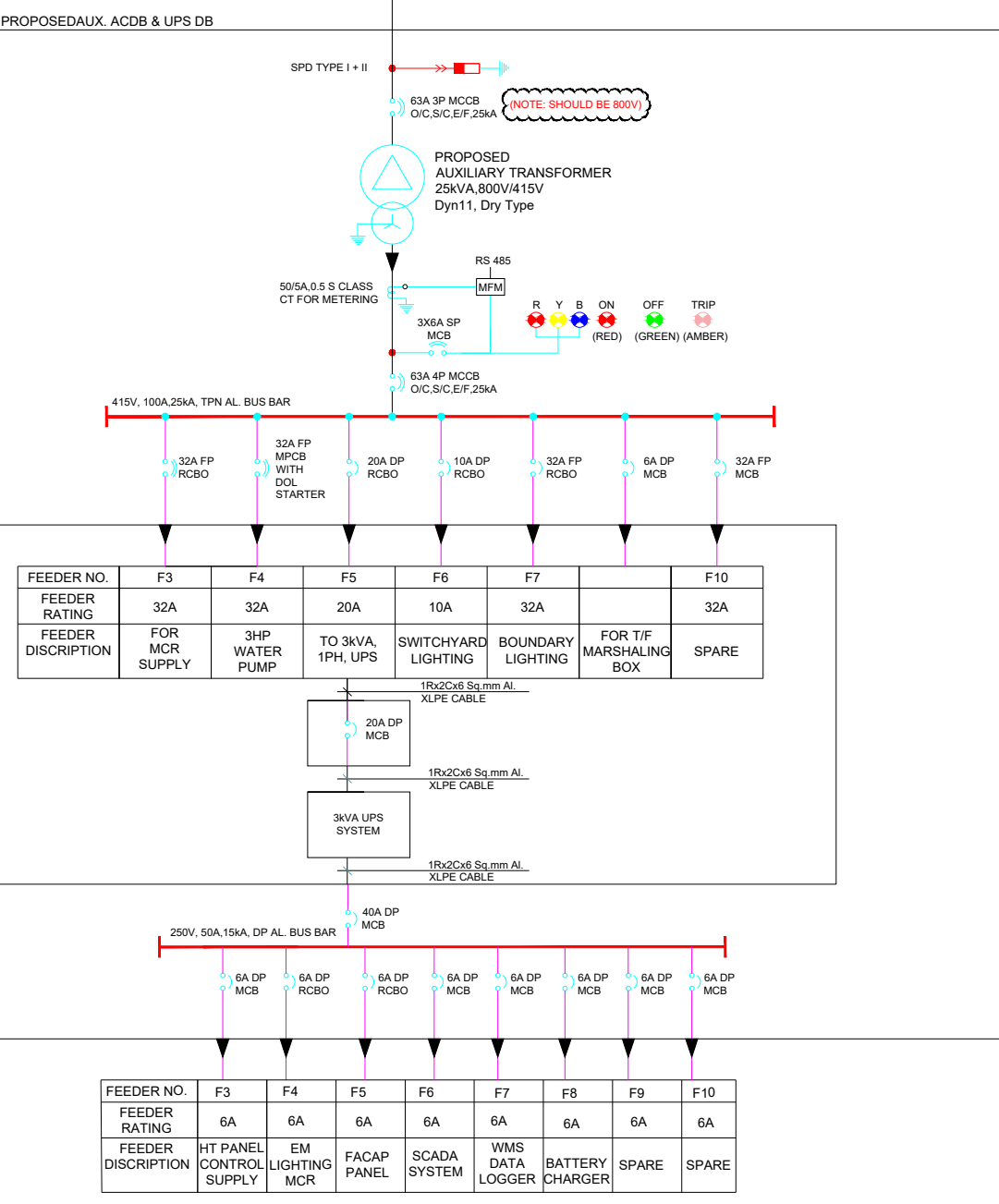
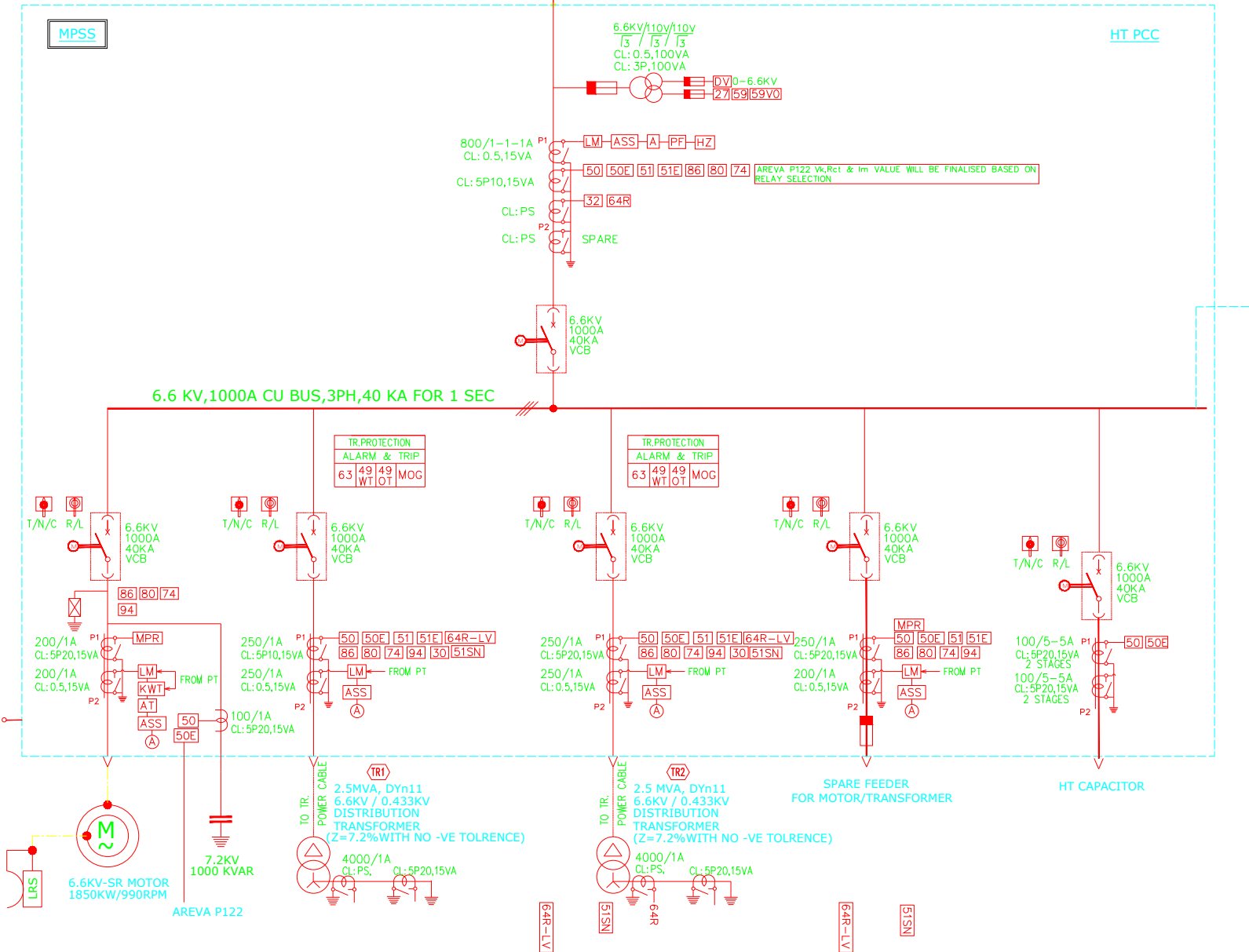
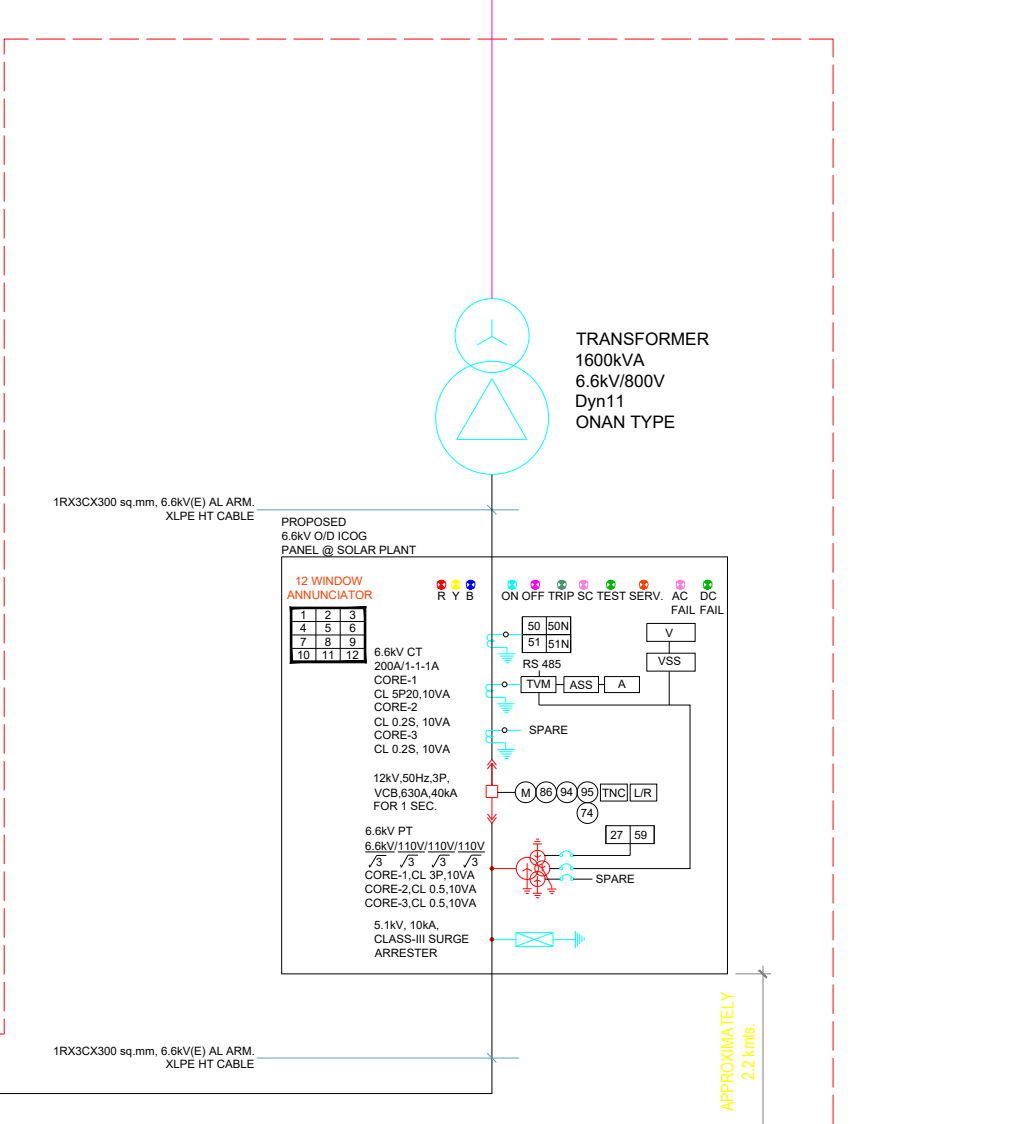


EARTHING DETAILS		NOS
TRANSFORMER, VCB, LT PANEL	8MM, 3M, CU CLAD STEEL ROD, MAINTENANCE FREE EARTHING	7
MODULE & STRUCTURE	8MM, 3M, CU CLAD STEEL ROD, MAINTENANCE FREE EARTHING	4
LA (2 NOS)	8MM, 3M, CU CLAD STEEL ROD, MAINTENANCE FREE EARTHING	4

PROTECTION DETAILS	
TRANSFORMER	OIL, D.C. EFF. 80% (40% L.V. RELAY, WINDING TEMP. OIL TEMP. PROTECTION)
INVERTER (AC)	OIL, S.C. EFF. 80% (40% L.V. RELAY, WINDING TEMP. OIL TEMP. PROTECTION)

LEGENDS	
CT	CURRENT TRANSFORMER FOR METERING
MT	MULTIFUNCTION METER (AMMETER, VOLTMETER, WATT, VAR, PF, FREQUENCY, POWER)
⊕	EARTHING
⊕	MOLDED CASE CIRCUIT BREAKER
⊕	MINIATURE CIRCUIT BREAKER
SPD	SPD
PT	POTENTIAL TRANSFORMER FOR METERING

LEGENDS		
MATERIALS	QUANTITY	CAPACITY
MODULES	6000	3000W
INVERTER	8	200 KVA
VCB PANEL	2	6.6KV, 1000A
OL COOLED OTC TRANSFORMER	1	1000VA, 6.6KV/0.4KV



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R0	FOR APPROVAL	16.09.2019
REVISION	DESCRIPTION	DATE
AUTHORIZED SIGNATURE AND STAMP:		
PROJECT: <b>2002.00 kWp GRID CONNECTED SOLAR PV PLANT</b>		
CLIENT: <b>ADITYA BIRLA ULTRATECH CEMENT BIRLA WHITE KATNI</b>		
FOURTH PARTNER ENERGY PVT. LTD. Fourth Partner House, Plot No: N46, House No: 4-9-10, (1st Left after HMT Nagar Arch), HMT Nagar, Hyderabad - 500 076 Ph:+91-40-64631123, <a href="http://www.fourthpartner.co">http://www.fourthpartner.co</a>		
TITLE: <b>ULTRATECH CEMENT BIRLA WHITE KATNI 2002.00 kWp SLID</b>		
PROJECT CODE:	SIGN	DRAWN
4PEL-UTCL-BW-MP-2002.00kWp-DWG-EL-401	16.09.2019	ANAND GIRI
DATE	16.09.2019	16.09.2019
DRAWING NO:	SCALE:	SHEET NO:
4PEL-UTCL-BW-MP-2002.00kWp-DWG-EL-401	NTS @ A0	R0