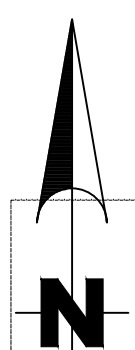


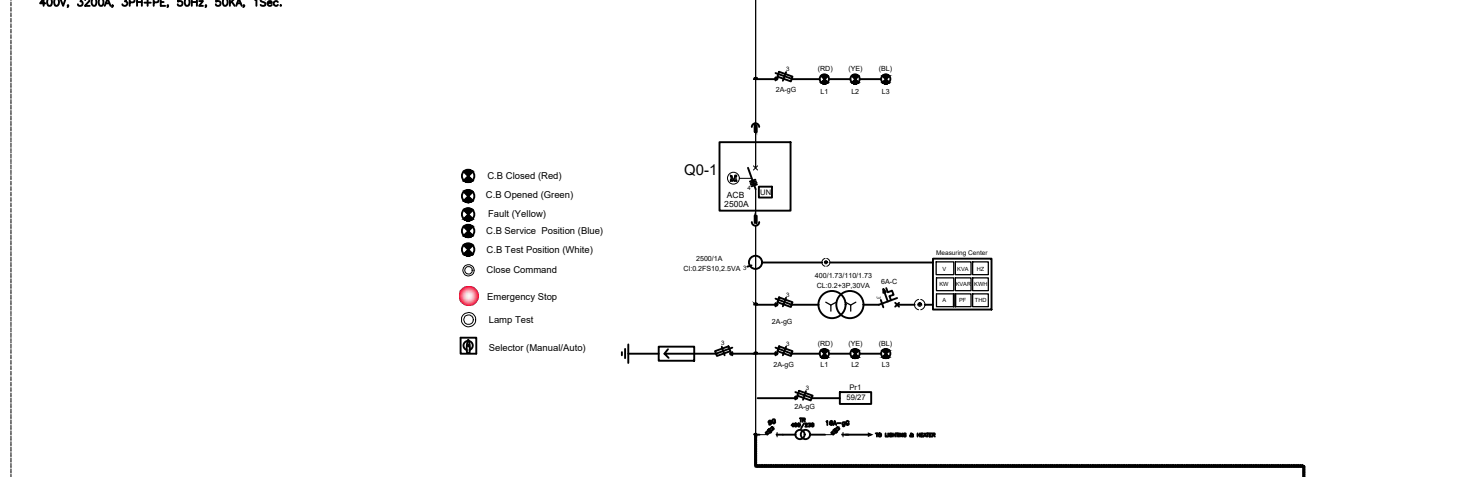
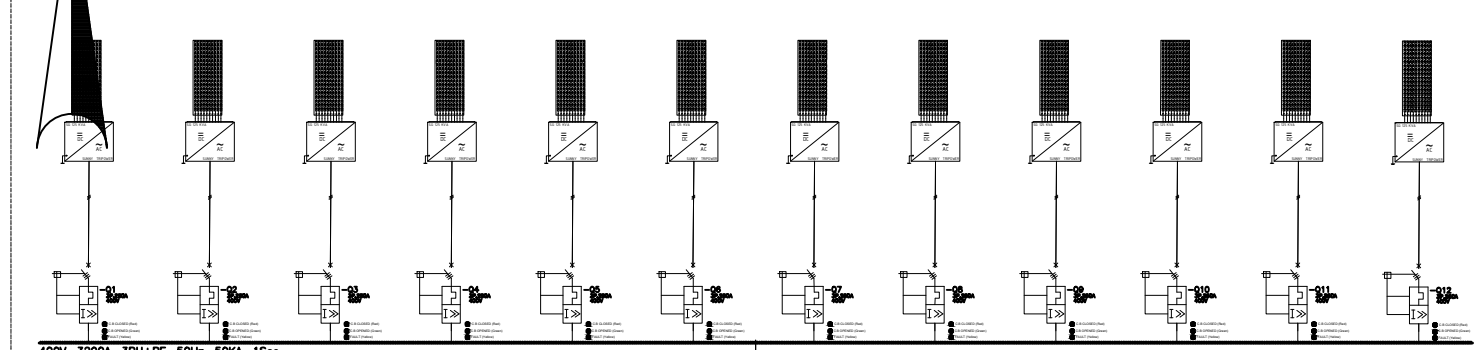
General Single Line Digram

FRNDS-S19-EL-SLD-001

LEGEND					
1			Concrete Wall		
2			Patrol Road		
3			Internal Road		
4			Table With 2 String		
5			Inverter 125 KVA		
6			1600KVA Post		
NOTES					
00	DATE FOR APPROVAL	SANANDPOUR	FAIL	FAIL	APR. 2020
REV	DESCRIPTION	PREPARED	CHECKED	APPROVED	DATE
PROJECT :					
3MW Solar Power Plant Project					
Client: 			CONSULTANT: 		
CONTRACTOR:			SUB-CONTRACTOR:		
TITLE : General Single Line Diagram					
SCALE: 1:100		SIZE: A2	SHEET: 1 OF 2		CONTRACT NO. :
CLIENT DWG NO:		FRNDS-S19-EL-SLD-001			REV: 00

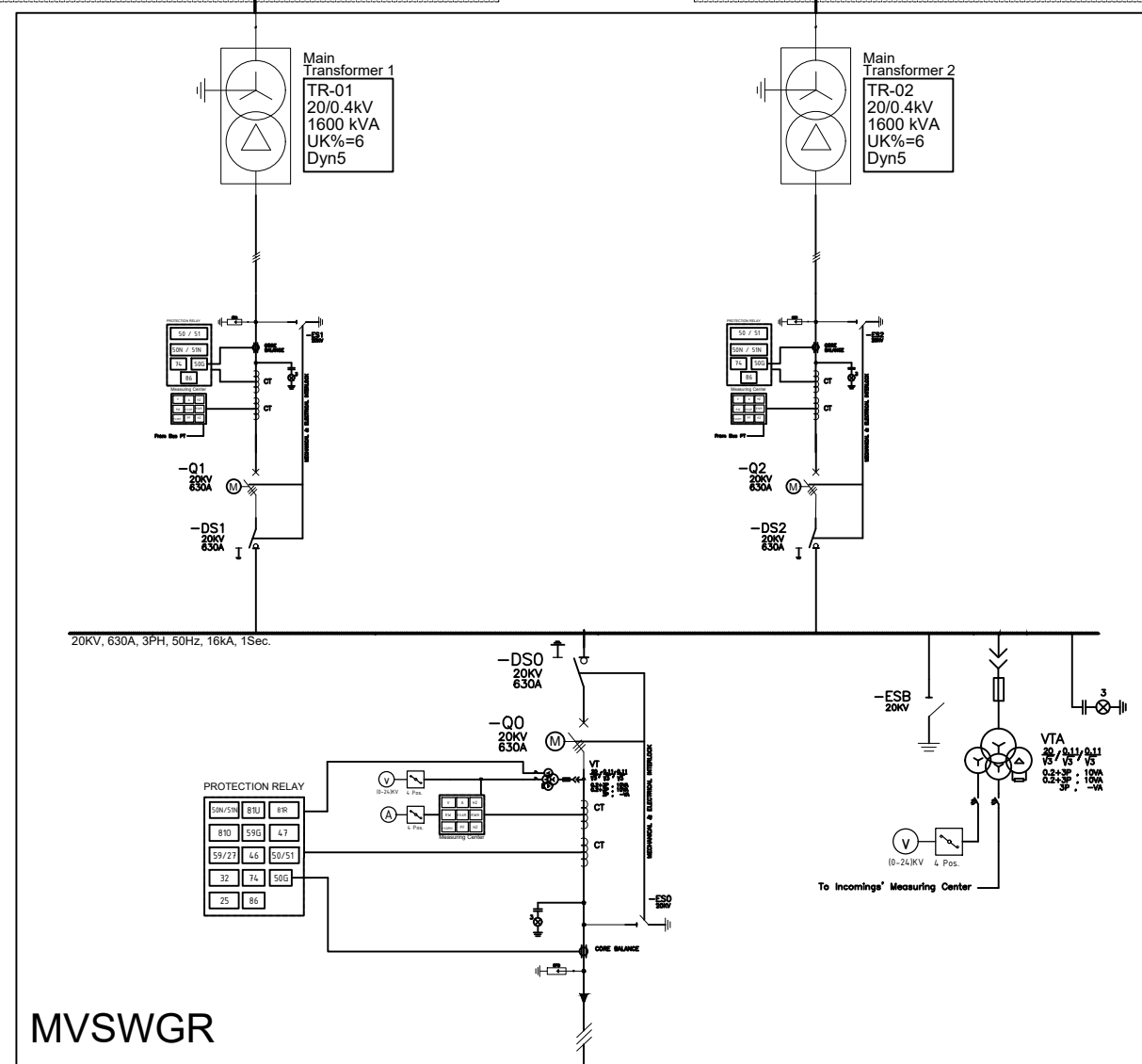
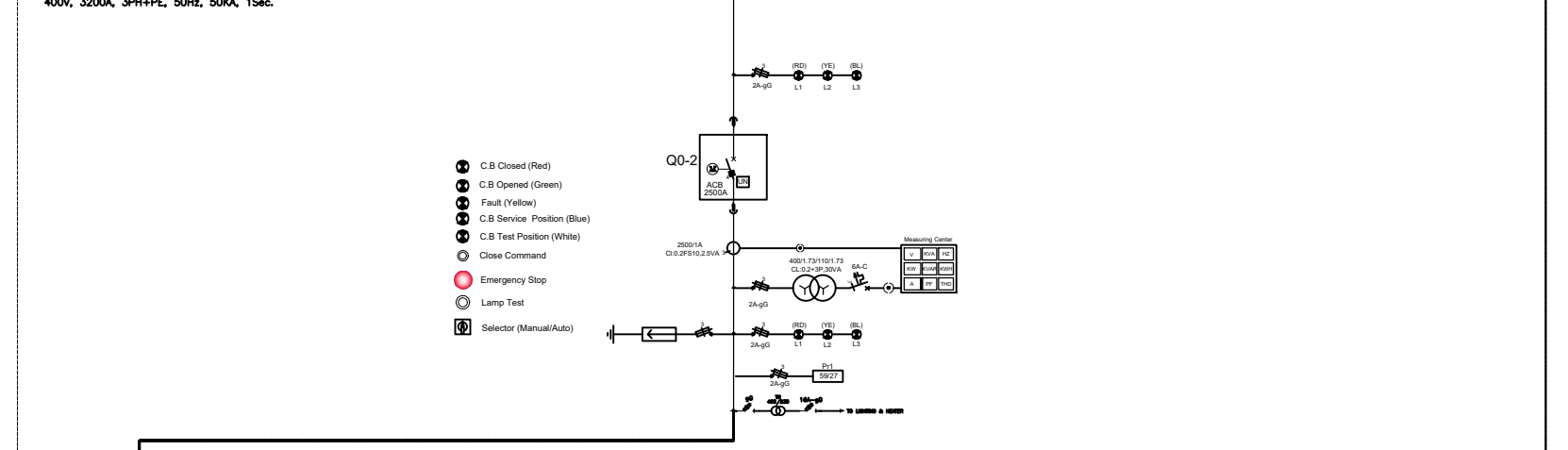
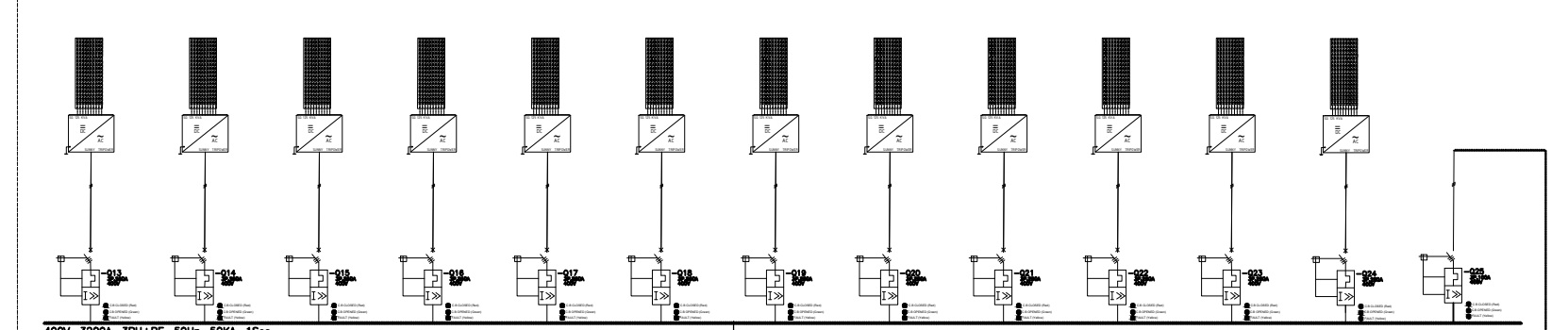


ZONE A OF POWER PLANT - Inverter No. 1 to 12



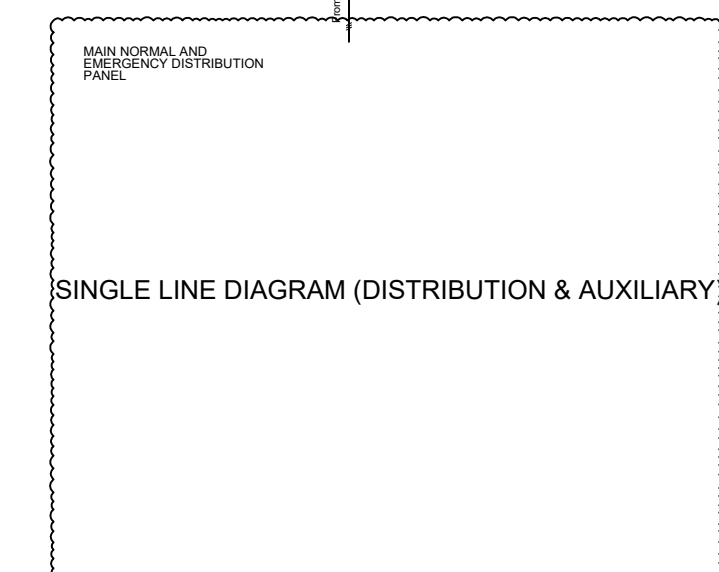
LVSWGR-01

ZONE B OF POWER PLANT - Inverter No. 13 to 24



MVSWGR

To Overhead 20KV Line



SINGLE LINE DIAGRAM (DISTRIBUTION & AUXILIARY)

LEGEND

- PV ARRAYS
- INVERTER
- 3Pole Molded Case Circuit Breaker(MCCB)
- Surge Protection Device(SPD)
- Signal Lamp
- Fuse
- 400/230 Transformer
- Core Balance Current Transformer
- MV. Indicator Lamp With Capacitive Insulator
- Diesel Generator
- 3Core Potential Transformer
- Mechanical Interlock
- Air Circuit Breaker(ACB)
- Selector Switch
- Multi-Function Protection Relay
- Current Transformer(CT)
- Ammeter Voltmeter
- Measuring Center
- Withdrawable Vacuum Circuit Breaker
- Earth Switch
- Main Transformer 20/0.4kV
- Auxiliary Transformer 20/0.4kV
- 4Pole Molded Case Circuit Breaker(MCCB)
- Miniature Circuit Breaker(MCB)

NOTES

50	ISSUE FOR APPROVAL	SANADPOUR	FAME	FAME	APR. 2020
REV.	DESCRIPTION	PREPARED	CHECKED	APPROVED	DATE
PROJECT					
3MW Solar Power Plant Project					
Client:		CONSULTANT:			
					
CONTRACTOR:		SUB-CONTRACTOR:			
TITLE :					
General Single Line Diagram					
SCALE: 1/100 SIZE: A2 SHEET: 2 OF 2 CONTRACT NO. :					
CLIENT DWG NO:		FRNDS-S19-EL-SLD-001			REV: 00