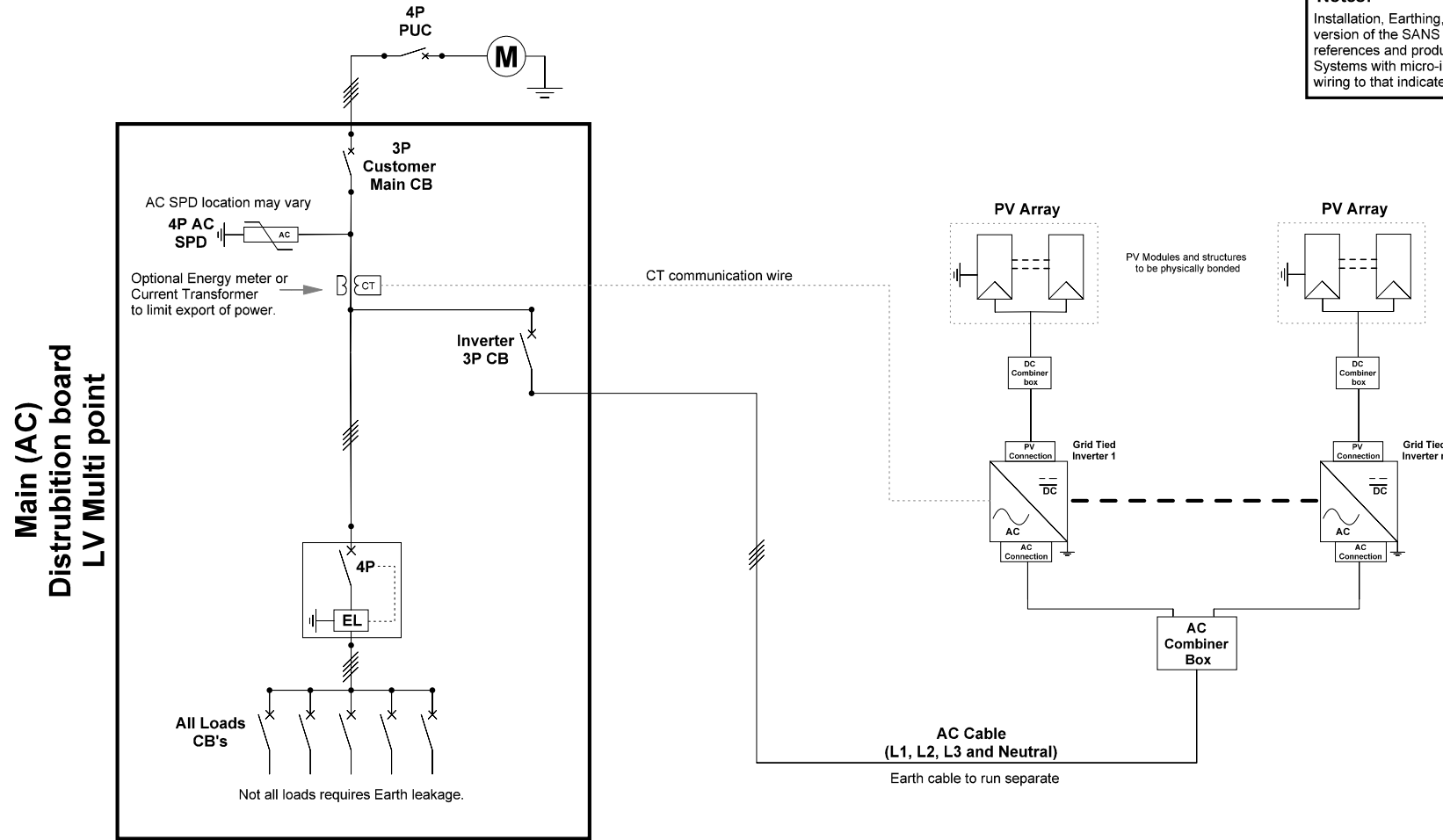


Notes:
 Installation, Earthing, and bonding needs to comply with the latest version of the SANS 10142-1 and listed normative references and product specifications e.g. SANS 60364-7-712. Systems with micro-inverters or power optimisers may have different wiring to that indicated in this drawing.



Legend:	
Utility electrical meter	
Circuit breaker (CB)	
AC rated Surge Arrestor	
Single Phase indicator	
Earth leakage (EL)	
Current Transformer	
3 (Three) Pole	3P
4 (Four) Pole	4P
PV module	
DC rated fuse	
DC rated Isolator	
DC rated Surge Arrestor	
Earth connected symbol	
Inverter symbol	
Battery	
3 Phase Indicator	

REVISION:	Version 01	DATE:		PROJECT NAME:		SHEET	
Municipal Embedded Generation Support Program Template A set of drawings showing acceptable layouts for a range of different systems www.sseg.org.za		EDITOR:		Small Scale Embedded Generator PV 13.8kVa to 1MW (Scalable)		1	
		INSTALLER:					
		SIGNOFF:		Description: Grid Tied system 3 Phase- 1MW	SCALE N/A	OF 1	
		PRINT NAME:					