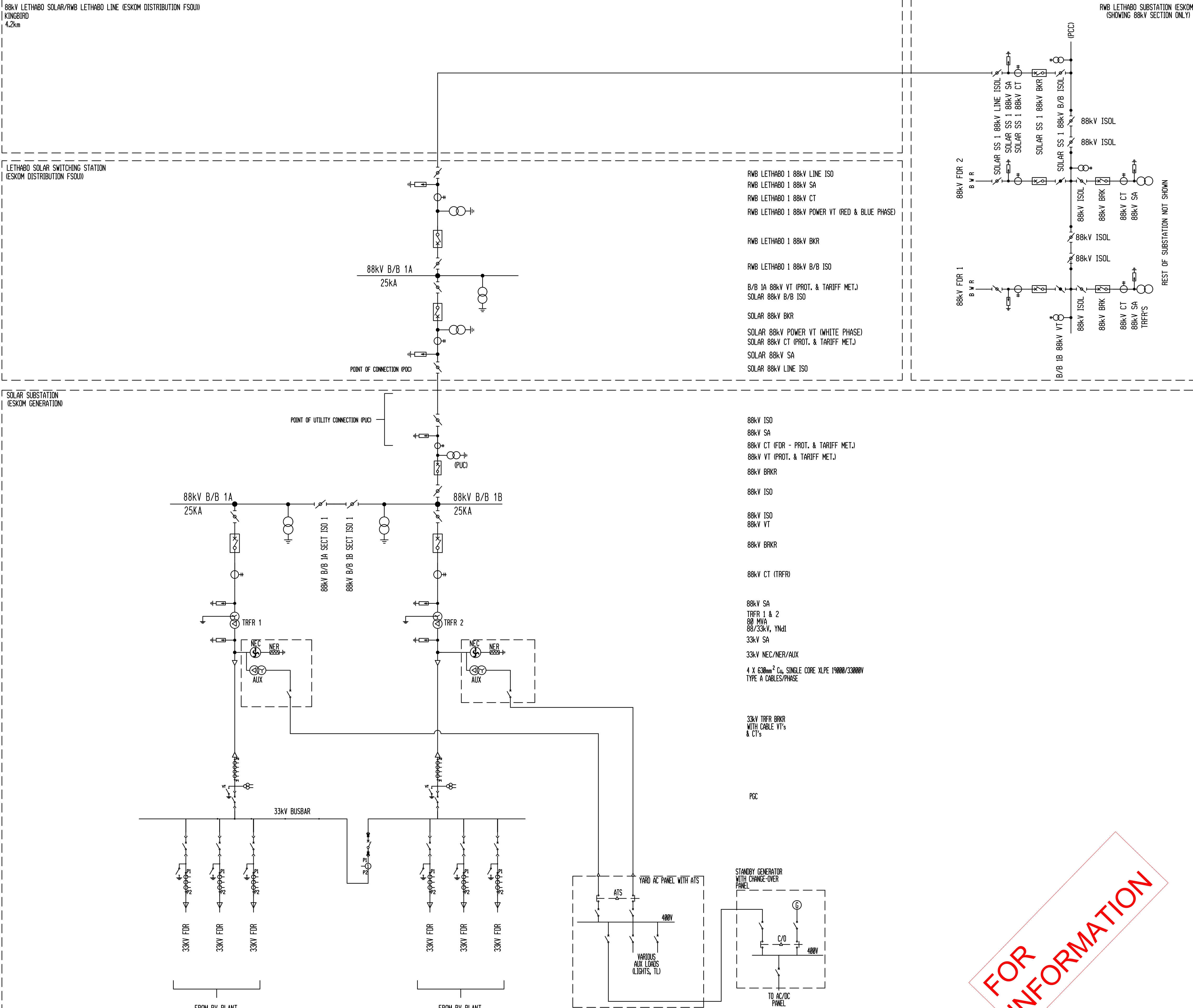


OPTION 2 - 2 X 80MVA TRANSFORMERS



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










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D:\OneDrive - Motla Consulting Engineers\13058 Eskom Lethaba Solar PV farm\8. Drawings\Wip\R0000014-MPA-LD-DR-E-0002 Network Diagram.dwg Aug 4, 2022 - 10:57AM MolebogengL

Notes

Legend

ITEM	DESCRIPTION
	88/33kV TRANSFORMERS: 68MVA YNd
	88kV BREAKERS: 88kV POST TYPE 3-POLE CB 310MA 315kV
	88kV ISOLATORS: 88kV HAND OPERATED DBCR 3-POLE DISCONNECTOR 160MA, 25kV
	88kV CURRENT TRFERS 88kV POST TYPE 6-CORE MR CT 250MA 25kV
	88kV VOLTAGE TRFERS 110kV Sec. SURGE ARRESTORS: HV OR MV STATION CLASS SURGE ARRESTOR 100kA
	33kV CABLE TERMINATION
	33kV CIRCUIT BREAKER
	33kV EARTH SWITCH
	33kV CURRENT TRFR
	33kV/110kV 5-LIMB VOLTAGE TRFR
	33kV NEC/NER/NUX
FB	TRANSFORMER BREAKER
FB	FEEDER BREAKER
FUR	FEEDER
TRFR	TRANSFORMER

Reference drawings

A	19/04/2022	MB	Issued for Information	JAA	JAA
Rev	Date	Drawn	Description	Ch'k'd	App'd



Client



Title

LETHABO SOLAR FACILITY NETWORK DIAGRAM OPTION 2

Designed	CJ VERMAAK(Pr. Eng.)		Coordination	---	
Drawn	M LEKOBOTJA		Approved	---	---
Dwg check	J ALBERTS (Pr. Eng.)		Prof. Registration No.:	980004	
Eng check	J ALBERTS (Pr. Eng.)		Date:	DD/MM/YYYY	
MPAMOT Project Number			Scale at A1		
R0000014			NTS		
Suitability Description				Suit. Code	
Suitable for Information				I1	
Drawing Number				Revision	
R00000014-MPA-LD-DR-E-0002				A	

FOR INFORMATION