		REV.	
	CT4E0EC	 	(Δ)
S. No.	ST15056		(Ψ)

DESCRIPTION DAT. ISSUED FOR INFORMATION 2019.06.21 10.10.2019

CABLE DESCRIPTION KEY:

OTHERWISE INDICATED.

CALCULATION PURPOSES ONLY.

BUSBARS PRIOR TO ORDERING.

1. ALL FEEDER EQUIPMENT IS 3-PHASE, 4-WIRE UNLESS

Equivalent). WHERE TYPE NUMBERS ARE NOT INDICATED OR

NOT AVAILABLE, SUITABLE ALTERNATIVE ABB EQUIPMENT (or

Equivalent) SHALL BE PROPOSED TO THE ENGINEER FOR

NO CLAIMS FOR ADDITIONAL COSTS IN RESPECT OF THE ABOVE SHALL BE ENTERTAINED AFTER THE TENDER. 3. CABLE LENGTHS INDICATED ON THIS DRAWING ARE FOR FAULT

5. EACH DB IS TO BE FITTED WITH A WARNING LABEL AS PER

INDICATING THAT IT HAS BEEN DESIGNED FOR CASCADING,

AND THAT ONLY CIRCUIT BREAKERS OF THE SAME TYPE & SAME MANUFACTURER AS THE EXISTING SHALL BE INSTALLED

7. THE DB MANUFACTURER IS TO CHECK, VERIFY & CONFIRM FAULT LEVELS OF ALL DB's WITH CONSULTANT PRIOR TO

MANUFACTURING OF DB. NO CLAIMS WILL BE ENTERTAINED IN

6. EACH DB IS TO BE ALSO FITTED WITH A WARNING LABEL

4. ELECTRICAL CONTRACTOR TO MEASURE ALL CABLES &

2. ALL TYPE NUMBERS REFER TO ABB EQUIPMENT (or

1 CABLE SIZE. 2 EARTH WIRE SIZE. 3 DISTANCE/LENGTH.

4 FAULT LEVEL.

GENERAL NOTES:

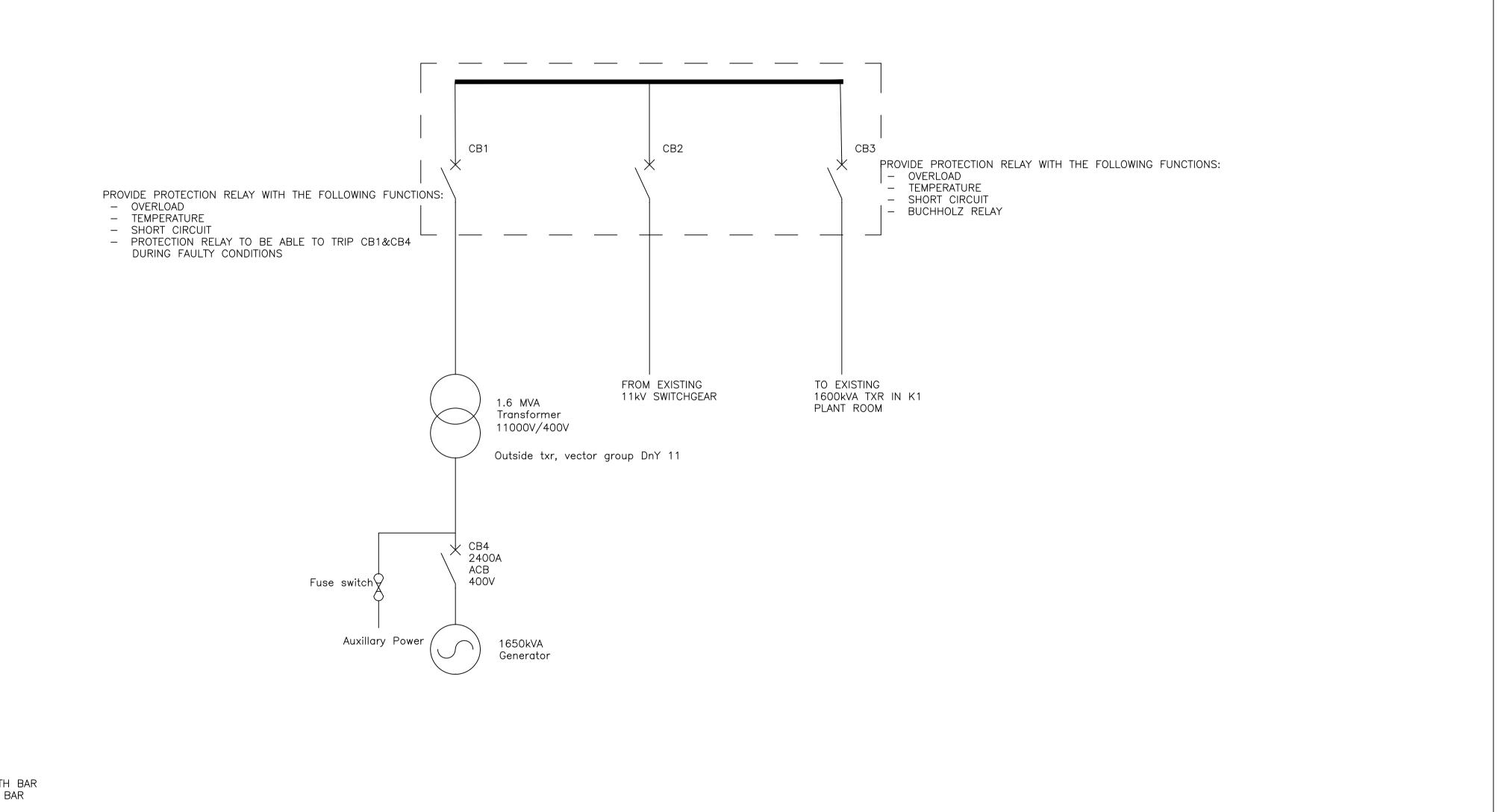
APPROVAL.

SANS 10142-1.

IN THIS DB.

REVISIONS

WEATHER PROOF MV SYNCHRONIZING PANEL WITH SF6 MOTORIZED BREAKERS



DETAIL NO.

WHERE USED

NEUTRAL BAR INSULATED EARTH BAR NORMAL EARTH BAR

- 1. DURING NORMAL OPERATION CB1,CB2,CB3 WILL BE CLOSED AND CB4 OPEN. 2. THE TRANSFORMER WILL BE USED TO FEED THE AUXILIARY EQUIPMENT.
- 3. DURING POWER FAILURE CB2 WILL OPEN AND THE GENERATOR WILL START ONCE THE POWER IS STABLE, CB4 WILL CLOSE AND IT WILL FEED TO THE LOAD.
 4. ON MAINS RETURN THE GENERATOR WILL SYNC TO MAINS AND TRANSFER THE LOAD TO MAINS BEFORE OPENING CB4.

QTY ITEM No DESCRIPTION MANUF. MATERIAL LIST Studio Technology Private Bag X1 Auckland Park SABC RADIO PARK __Studio lechnology MV SYNCHRONIZING PANEL Tel.(011)714-9111 FAX.(011)714-5885 SABC Copyright C **ENGINEERING SERVICES** A DIVISION OF THE SABC T.M 19-06-21 DO NOT SCALE THIS DRG. CHECKED ST15056 NO DEC PLACE ±0,5 ST _{SHEET} 6 _{OF} 7 ONE DEC PLACE ±0,2 SCALE