

DRG No.

ST15059

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MAIN LV PANEL 1

NOTES:

1. THE SYSTEM SHALL BE ABLE TO SHED LOAD IF ONE GENERATOR FAILS.

2. BUS-COUPLER TO BE LOCKED IN OFF POSITION, ONLY TO BE SWITCHED ON IF BOTH CB IN ONE SECTION ARE OFF (MAIN INCOMER & GEN INCOMER).

3. SHUTDOWN WILL BE DONE AFTER OURS AND DURING WEEKENDS.

NO. DESCRIPTION DAT. APPRV.

T ISSUED FOR TENDER 24.01.2022 S.T

CABLE DESCRIPTION KEY:

NO OF CABLES

CORES

CABLE SIZE.

EARTH WIRE SIZE.

GENERAL NOTES:

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

2. ALL TYPE NUMBERS REFER TO ABB EQUIPMENT (or Equivalent). WHERE TYPE NUMBERS ARE NOT INDICATED OR NOT AVAILABLE, SUITABLE ALTERNATIVE ABB EQUIPMENT (or Equivalent) SHALL BE PROPOSED TO THE ENGINEER FOR APPROVAL.

3. CABLE LENGTHS INDICATED ON THIS DRAWING ARE FOR FAULT CALCULATION PURPOSES ONLY.

4. ELECTRICAL CONTRACTOR TO MEASURE ALL CABLES & BUSBARS PRIOR TO ORDERING.

5. EACH DB IS TO BE FITTED WITH A WARNING LABEL AS PER SANS 10142-1.

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

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 THIS REGARD.

NEW PANEL TO MATCH EXISTING PANEL AND TO BE MANUFACTURED IN SECTIONS FOR EASY INSTALLATION. CONTRACTOR TO TAKE MEASUREMENT ON SITE.

QTY	ITEM No	PART No.	DESCRIPTION	MANUF.
MATERIAL LIST				
Studio Technology Private Bag 31 Auckland Park 2006		TITLE / TITLE		
 ENGINEERING SERVICES		SABC MAFIKENG MAIN CHANGE OVER PANEL 1 SCHEMATIC LAYOUT		
DO NOT SCALE THIS DRG.	DRAWN	T.M	DATE 15-01-22	DEPT.
TOLERANCES	CHECKED			DRAWING NO.
NO DEC PLACE ±0.5 ONE DEC PLACE ±0.2	ENG.			REV. T
APPRVD.	ST		SCALE N/A	SHEET 3 OF 5