



GENERAL NOTES

LEGEND

- SD - SURGE DIVERTER
- CVT - CURRENT VOLTAGE TRANSFORMER
- TX- POWER TRANSFORMER
- IS - ISOLATOR
- CB - CIRCUIT BREAKER
- ES - EARTH SWITCH with Isolator
- CT - CURRENT TRANSFORMER
- 132kV BUSBAR
- 11kV BUSBAR
- NER - NEUTRAL EARTHING RESISTOR

Rev no	Date	Description	Rev by

ZESCO CIVIL ENGINEERING Lusaka

DESIGN / DRAWING OFFICE

Job Title:



ZESCO  
GREAT EAST ROAD  
P.O.BOX 30040  
LUSAKA ZAMBIA  
TEL: 0211361111

Project Name:

Drawing Title:

PROPOSED REFACTORY 132/11kV  
SUBSTATION  
SINGLE LINE DIAGRAM

Drawn: Caroline Kapambwe

Sign: ck

Date: 17.11.2023

Designed: Matete Kaunda

Sign: mk

Date: 17.11.2023

Checked: Rabbison Milanzi / Mpaisha Phiri

Sign: rm/mp

Date: 25.12.2023

Approved: Julius Zulu

Sign: jz

Date: 25.12.2023

Scale: NTS

Job No.

Drawing No.  
CBD-G-0324

Sheet/Sheets

Rev.

Orig. A3L