33kV Mufulira West Feeder 2

33kV Mufulira West Feeder 1

33kV Mufulira Feeder 2

33kV Mufulira Feeder 1

33kV Mokambo Feeder

33kV Spare Feeder

33kV Busbar

100kVA Aux. T1

100kVA Aux. T2

400V AC Board

100kVA DG

31.5MVA 33/11kV Transformer No. 1

31.5MVA 33/11kV Transformer No. 2

Spare 33/11kV Transformer Bay

11kV Busbar Panel

Feeder 1

Feeder 2

Feeder 3

Feeder 4

Feeder 5

Feeder 6

Feeder 7

Feeder 8

Feeder 9

Feeder 10

## GENERAL NOTES

- Current Transformer
- Surge Arrestor
- Voltage transformer
- Power Transformer
- Isolator w/o Earth Switch
- Circuit Breaker
- Neutral Earthing Resistor
- Isolator with Earth Switch

| 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 NDEKE 33/11kV SUBSTATION

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Drawn: | A .N. Moyo | Sign: | anm | Date: | 22.01.2024 | Scale: N.T.S | Sheet/Sheets 1 |
| Designed: | M. Kaunda | Sign: | mk | Date: | 16.01.2024 | | |
| Checked: | Abel Kaonga / Brian Makaliki | Sign: | ak / bm | Date: | 23.01.2024 | Job No. 0095 | Drawing No. ND - G - 10097 |
| Approved: | D. Chileshe | Sign: | dc | Date: | 23.01.2024 | | Rev. 0 |