33kV Mine Farm Feeder 1

33kV Mine Farm Feeder 2

33kV Kafulafuta Feeder 1

33kV Kafulafuta Feeder 2

Future Feeders

33kV Busbar

100kVA Aux. T1

100kVA Aux. T2

400V AC Board

100kVA DG

12.5MVA 33/11kV Transformer No. 1

12.5MVA 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

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
Powering the Nation

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

Project Name:

Drawing Title: PROPOSED MPATAMATO 33/11kV SUBSTATION

Drawn:	A .N. Moyo	Sign:	anm	Date:	12.01.2024	Scale: N.T.S	Sheet/Sheets 1
Designed:	M. Kaunda	Sign:	mk	Date:	01.12.2023		
Checked:	Abel Kaonga / Brian Makaliki	Sign:	ak / bm	Date:	12.01.2024	Job No. 0087	Drawing No. ND - G - 10089
Approved:	D. Chileshe	Sign:	dc	Date:	12.01.2024		Rev. 0

Orig. A3L