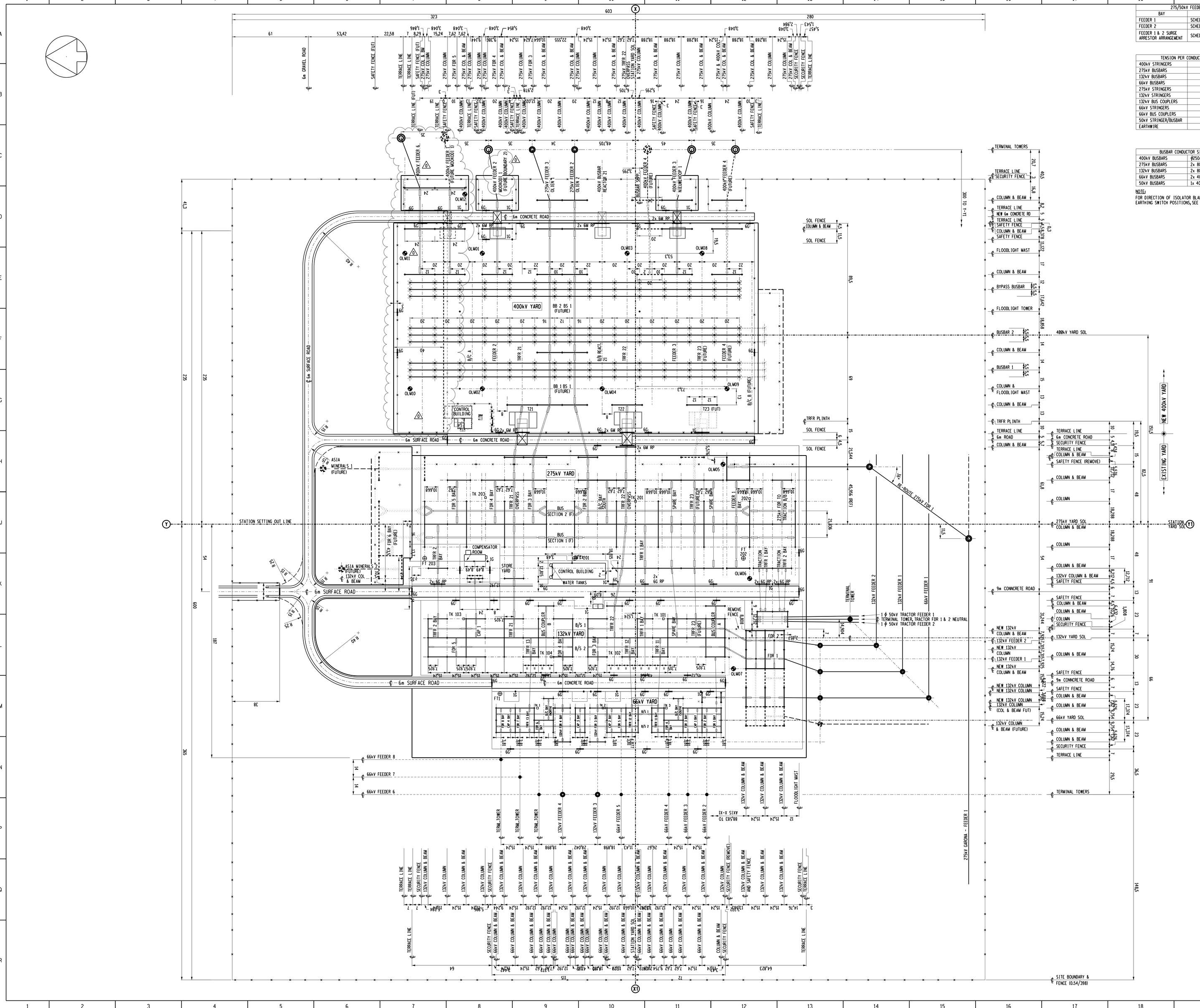

275/50kV FEEDER 1 & 2 BAY SCHEDULE		
BAY	TYPE	DRAWING No
FEEDER 1	SCHEDULE SHEET 5	BAY DESIGN SCHEDULE 0.12/5101
FEEDER 2	SCHEDULE SHEET 5	
FEEDER 1 & 2 SURGE ARRESTOR ARRANGEMENT	SCHEDULE SHEET 6	

TENSION PER CONDUCTOR	
400kV STRINGERS	8kN
275kV BUSBARS	8kN
132kV BUSBARS	8kN
66kV BUSBARS	2kN
275kV STRINGERS	4kN
132kV STRINGERS	4kN
132kV BUS COUPLERS	2kN
66kV STRINGERS	4kN
66kV BUS COUPLERS	2kN
50kV STRINGER/BUSBAR	4kN
EARTHWIRE	2kN

BUSBAR CONDUCTOR SIZES	
400kV BUSBARS	4250mm x 6mm WT
275kV BUSBARS	2x 800mm²
132kV BUSBARS	2x 800mm²
66kV BUSBARS	2x 400mm²
50kV BUSBARS	1x 400mm²

NOTE:
FOR DIRECTION OF ISOLATOR BLADE OPENING AND EARTHING SWITCH POSITIONS, SEE DRG NO. 0.12/5100

DETAIL DESIGN
NOT FOR CONSTRUCTION
ORIGINAL DWG #: 0.12/5099 REV 20 & FER21P10-SE-C4 REV0
CONCEPT DWG #: 0.12/5099 REV 16 PRELIMINARY

REV	REVISION DESCRIPTION	DRAWN	CHKD	AUTH	DATE	DN	STATION ELECTRIC
0	EXTEND THE 400kV YARD TERRACE, 400kV BUSBAR 1, BUSBAR 2 AND BYPASS BUSBAR BY TWO BAYS IN THE NORTHERN DIRECTION. 132kV FOR 5 BAY FOR MOOKODI 3 FDR. FOR 1 BAY SPARE.						NWFer12P05-SE REFERENCE DRAWINGS

APPROVED BY: R Ramnarain
DATE: 12/08/2024
CHECKED BY: [illegible]
DATE: 08/08/2024
DRAWN BY: [illegible]
DATE: 08-08-2024
SCALE 1:1000

Eskom
Eskom Holdings SOC Ltd
Reg No 2002/015527/30

FERRUM
KEY PLAN

©

NWFer12P05-SE-D7 | SHEET NUMBER: – | REVISION: 0

SIZE: GROOTTE A0L