



TENSION PER CONDUCTOR	
400kV STRINGER PER PHASE	18kN
275kV STRINGER PER PHASE	18kN
132kV STRINGER PER PHASE	6kN
EARTHWIRE	3kN

BUSBAR CONDUCTOR SIZE	
400kV BUSBAR	φ 250mm x 6mm MT
132kV BUSBAR	φ 200mm x 6mm MT

TERMINAL TOWERS	18,5
TERRACE LINE	16
SECURITY FENCE	5
NON-LETHAL SEC. FENCE	5
SECURITY FENCE	5
COLUMN, BEAM	21
6m ROAD	14
SECURITY FENCE	24
NON-LETHAL SEC. FENCE	12,5
SECURITY FENCE	12
COLUMN, BEAM & FLOODLIGHT	33,5
TRANSFER BUSBAR & SUPPORT	46,5
BUSBAR 2 400kV YARD SOL	32
BUSBAR 1	72,5
COLUMN, BEAM & FLOODLIGHT	40,5
TRANSFORMERS	14
6m ROAD	7,9
SECURITY FENCE	5,1
NON-LETHAL SEC. FENCE	5,1
SECURITY FENCE	5,1
TERRACE LINE	10,9
SECURITY FENCE	5,1
COLUMN, BEAM & FLOODLIGHT	5,1
BUSBAR 1 & SUPPORT	14,5
BUSBAR 2 & SUPPORT	14,5
COLUMN & BEAM	45,5
SECURITY FENCE	3
NON-LETHAL SEC. FENCE	5
SECURITY FENCE	5
TERRACE LINE	9,5

TERMINAL TOWER	18,5
TERRACE LINE	16
SECURITY FENCE	5
NON-LETHAL SEC. FENCE	5
SECURITY FENCE	5
COLUMN, BEAM	21
6m ROAD	14
SECURITY FENCE	24
NON-LETHAL SEC. FENCE	12,5
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COLUMN & BEAM	45,5
SECURITY FENCE	3
NON-LETHAL SEC. FENCE	5
SECURITY FENCE	5
TERRACE LINE	9,5

FINAL DESIGN FOR CONSTRUCTION
 ORIGINAL DWG #: 01819710-00 REV 0
 CONCEPT DWG #: MOO21P05-SE-E4 REV 0
 DETAIL DWG #: MOO21P05-SE-E7 REV 1

TERRACE AND BOTH 400kV & 132kV B/B/S EXTENDED FOR FIBERLEY STRENGTHENING PHASE 3 AND CAPE CORRIDOR PHASE 5 PROJECT SOW.
 400/132kV 500kVA TRFR 14 INSTALLED. TERRACE EXTENDED FOR FUTURE 400kV DYNAMIC DEVICE. 132kV EAST AND WEST CORNERS SQUARED. TRFR 14 RELOCATED TO ACCOMMODATE DYNAMIC DEVICE SPARE BAY.

REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	E3 STATION ELECTRIC
0						MOO21P05-SE- REF DRAWINGS

APPROVED BY: R Ramnarain
 DATE: 15/08/2025

CHECKED BY: [Signature]
 DATE: 14/08/2025

DRAWN BY: [Signature]

DATE: 14/08/2025
 SCALE: 1:750

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

MOOKODI
 KEY PLAN

SHEET NUMBER	REVISION
MOO21P05-SE-E4	0

