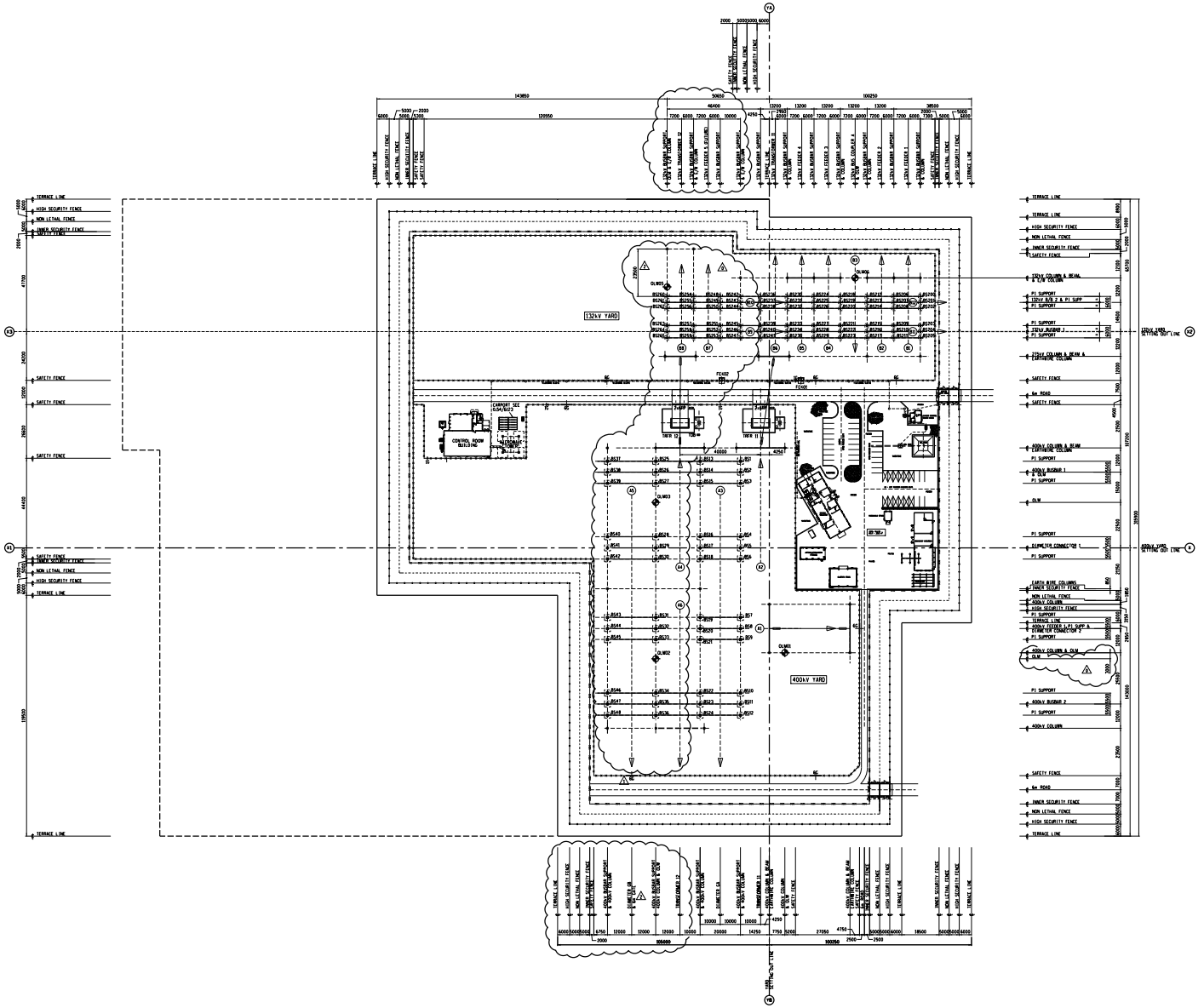

TENSION PER CONDUCTOR IN kN	
400kV STRINGER (3 CONDUCTOR PER PHASE)	18kN
132kV STRINGER (2 CONDUCTOR PER PHASE)	9kN
EARTHWIRE	2kN

BUSBAR CONDUCTOR SIZE	
400kV TUBULAR	ϕ250mm x 6mm WT
132kV TUBULAR	ϕ200mm x 6mm WT

NOTES:

1. FEK INDICATES FIRE EQUIPMENT KIOSK. FOR MORE DETAILS ON THE FEK SEE DRG 0.54/390 SH56.
2. INDICATES 24m HIGH FLOODLIGHTING MAST.
3. ALL TERMINAL TOWER POSITIONS ARE PRELIMINARY. FOR TERMINAL TOWER SEPEARATIONS SEE 0.54/4201.
4. FOR MORE DETAILS ON THE ENTRANCE GATES SEE DRG 0.54/7470.

DETAILED DESIGN
NOT FOR CONSTRUCTION
ORIGINAL DWG #: 0.12/7794 REV 2
CONCEPT DWG #: N/A

REV	REVISION DESCRIPTION	DRAWN	CHKD	AUTH	DATE	SOLP19P03-	REF DRAWINGS
2	400kV YARD/BUSBAR SUPPORTS SHIFTED TO ACCOMODATE 24m SPACING & IMPROVE MAINTENANCE ACCESS. 132kV YARD/BUSBAR COLUMNS SHIFTED TO ALLOW FOR FUTURE EXTENSIONS.				13/07/2022		
1	6m GATE ADDED.	RRA	SC	MP	19/11/2021		
0	400kV YARD/BUSBAR ADDED/132kV TRFR 12 INSTALLED/400kV BUSBAR EXTENDED/NEW 132kV YARD/BUSBAR ADDED/NEW 132kV BUSBAR & CUBICLE ADDED/NEW 132kV BUSBAR EXTENDED/NEW 132kV YARD/BUSBAR EXTENDED/NEW 132kV BUSBAR ADDED/NEW 132kV BUSBAR COUPLER.	RRA	SC	MP	29/04/2020	SE-013 SE-09 SE-06	STEELWORK FOUND.&FENCE STATION ELECTRIC

APPROVED BY: M PEFFER
DATE: 29/04/2020
CHECKED BY: S DELLIMA
DATE: 29/04/2020
DRAWN BY: M PEFFER & RAMPALPHI
DATE: 29/04/2020

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

UPINGTON MTS
KEY PLAN

SCALE 1:750

SOLP19P03-SE-D7

SHEET NUMBER: -
REVISION: 2

SIZE: ARCH E AOL