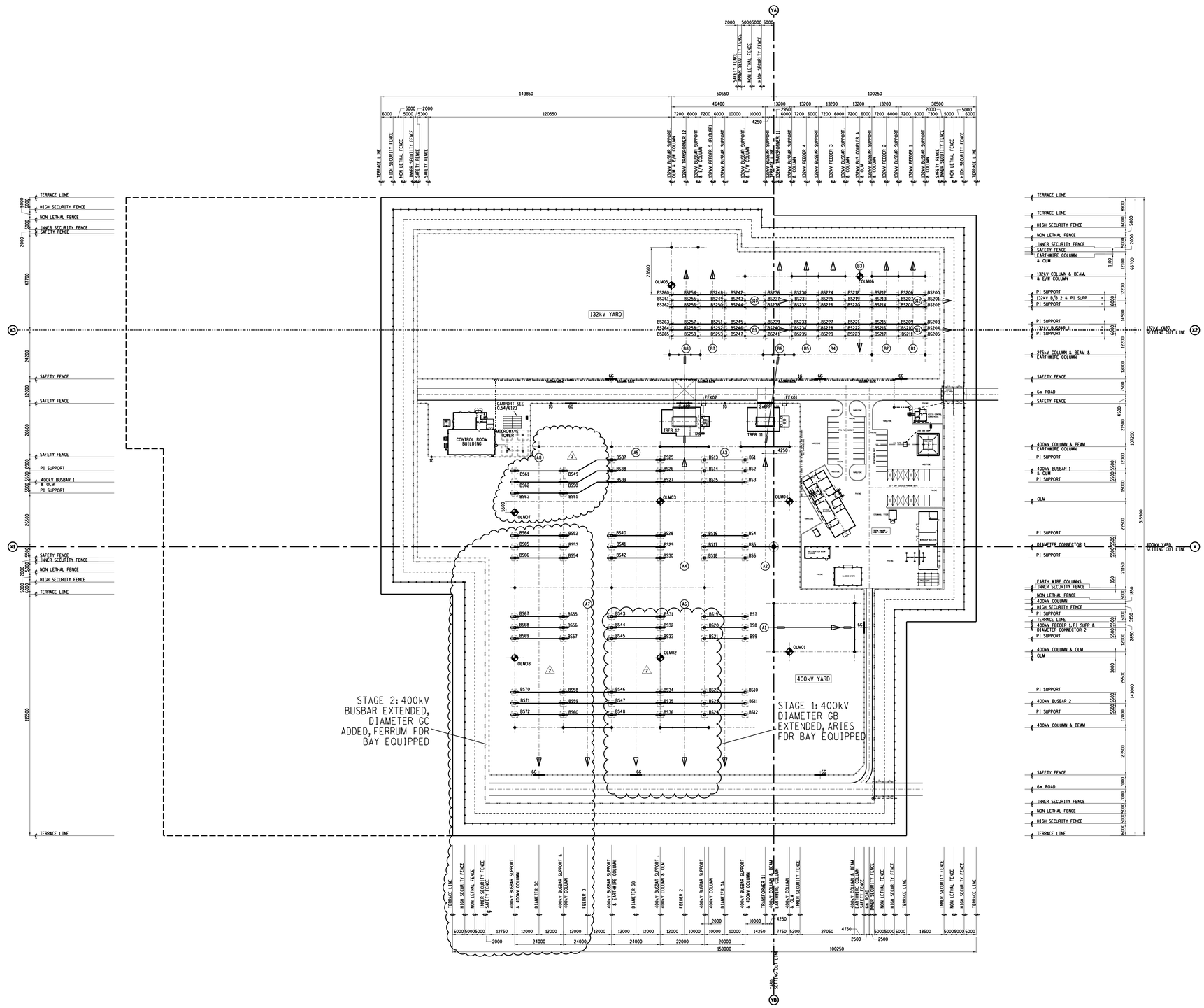

TENSION PER CONDUCTOR IN kN	
400kV STRINGER (3 CONDUCTOR PER PHASE)	18kN
132kV STRINGER (2 CONDUCTOR PER PHASE)	9kN
EARTHWIRE	2kN

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.

REV	REVISION DESCRIPTION	DRAWN	CHKD	AUTH	DATE
3	400kV BB1 & OLM 07 SHIFTED IN DIAMETER GC.				13/09/2023
2	BAY SPACING'S REVISED.	GT	ALG	MP	10/09/2022
1	UPINGTON STRENGTHENING STAGE 2 EXTEND YARD FOR FERRUM FDR BAY.	GT	ALG	MP	18/03/2022
0	UPINGTON STRENGTHENING STAGE 1 & STAGE 2: - 400kV BUSBAR EXTENDED - 400kV FDR 2, FDR 3, DIAMETER GB EXTENSION & GC EQUIPED AS SHOWN	ALG	SB	MP	03/12/2021

D13	STEELWORK
D8	FOUND.TRENCH
D6	STATION ELECTRIC

SolP21P05-SE- REF DRAWINGS

APPROVED BY: M. PEFFER
DATE: 03/12/2021
CHECKED BY: S. BHUDA
DATE: 03/12/2021
DRAWN BY: A.LE GRANGE
DATE: 03/12/2021
SCALE 1:750

Eskom

Eskom Holdings SOC Ltd
Reg No 2002/015527/30

UPINGTON MTS

KEY PLAN

©

SolP21P05-SE-D7

SHEET NUMBER: -
REVISION: 3

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

SIZE: AOL