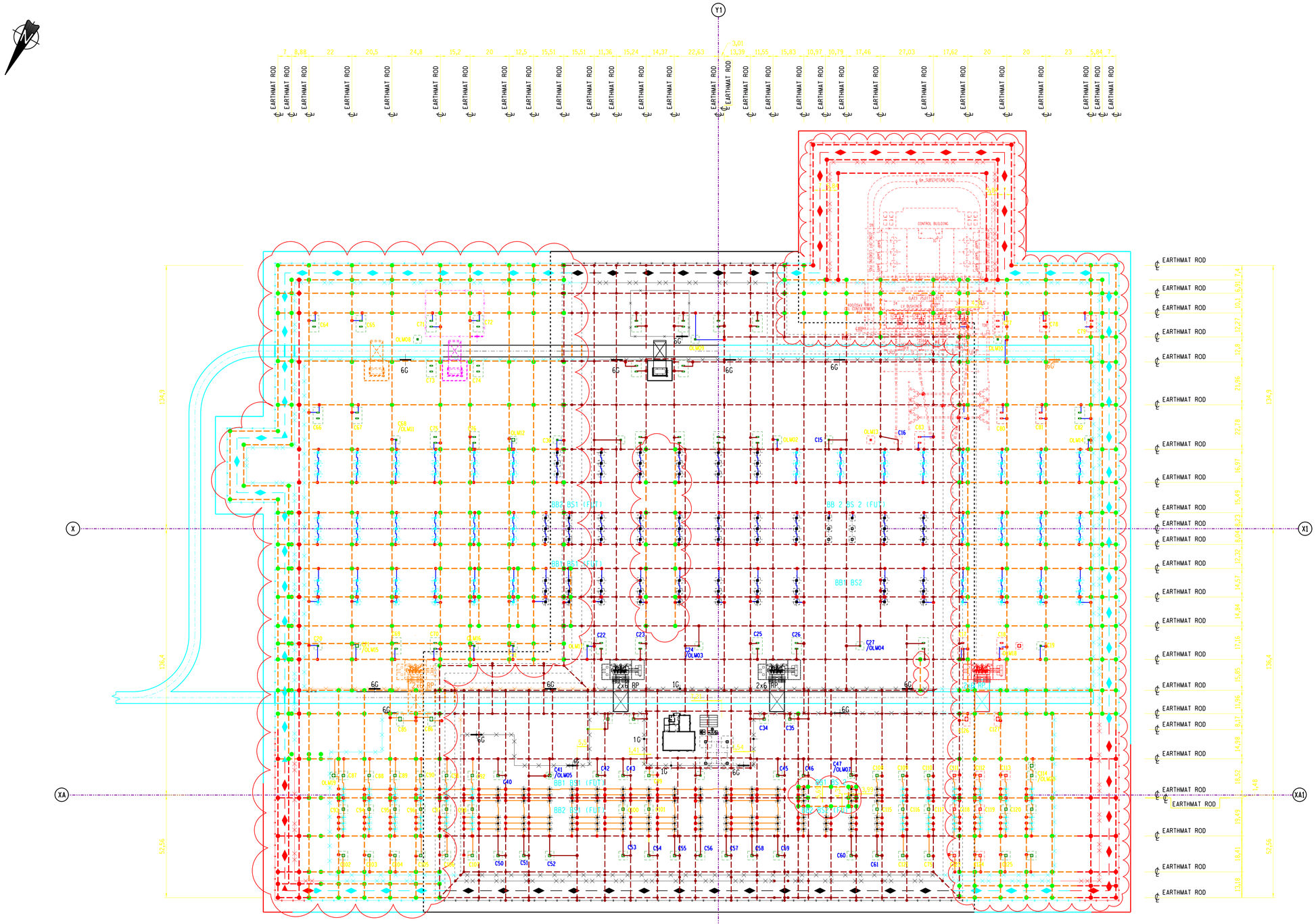
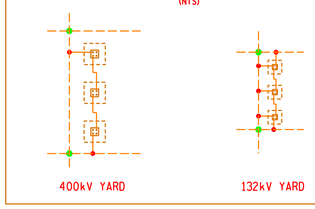


MAIN EARTHMAT EARTHING & HARDWARE SCHEDULE (0.54/393)			
DESCRIPTION			QUANTITY
CRIMPED JOINTS (ROD TO ROD), SHEET C4			2829
EARTHING CLAMP SHEET C6	TUBULAR SUPPORTS	400kV	234
		132kV	216
	MAIN STEELWORK		156
	FENCE		578
ϕ 10 Cu ROD (EXCLUDE EQUIPEMT E/TAILS)			11350m

TYPICAL EARTHING
TUBULAR BUSBAR SUPPORT
(NTS)



NOTES:

1. ALL CIVIL WORKS TO COMPLY WITH S.A.B.S 1200.
2. FOR STANDARD EARTHING SPEC SEE 0.54/393.
   NEW MAIN EARTMAT INDICATED AS THUS:
   EXISTING MAIN EARTMAT INDICATED AS THUS:
   MAIN EARTHMAT BURIAL DEPTH TO BE 1000mm BELOW TERRACE LEVEL.
   2x ϕ10mm Cu EARTHTAILS SHOWN THUS:
   CRIMPET JOINT INDICATED THUS ● OR ● TO BE MADE USING THE METHOD SHOWN IN SPECIFICATION SHEET C5.
3. SEE BAY LAYOUT SCHEDULE MOO21P05-SE-E13 FOR EARTHING OF EQUIPMENT

FINAL DESIGN
FOR CONSTRUCTION
ORIGINAL DRG #: 0.18/19711 REV 5
CONCEPT DRG #: N/A
DETAIL DRG #: MOO21P05-SE-D10 REV 1

REV	REVISION DESCRIPTION	DRWN	CHKD	AUTH	DATE
0	FIRST ISSUE				

Eskom
National Transmission Company South Africa ™

National Transmission Company South Africa SOC Ltd
Reg No 2021/539129/30

APPROVED BY: R.RAMNARAIN — DATE: 22/01/2026
CHECKED BY: N.MLOMBELI — DATE: 22/01/2026
DRAWN BY: N.NTSHANGASE — DATE: 22/01/2026

KEY PLAN: E4
STATION ELECTRIC: E3

MOOKODI
EARTHMAT LAYOUT
400/132KV

SCALE 1:750

Moo21P05-SE-E7

SHEET NUMBER: 0
REVISION: 0

SIZE: A0L