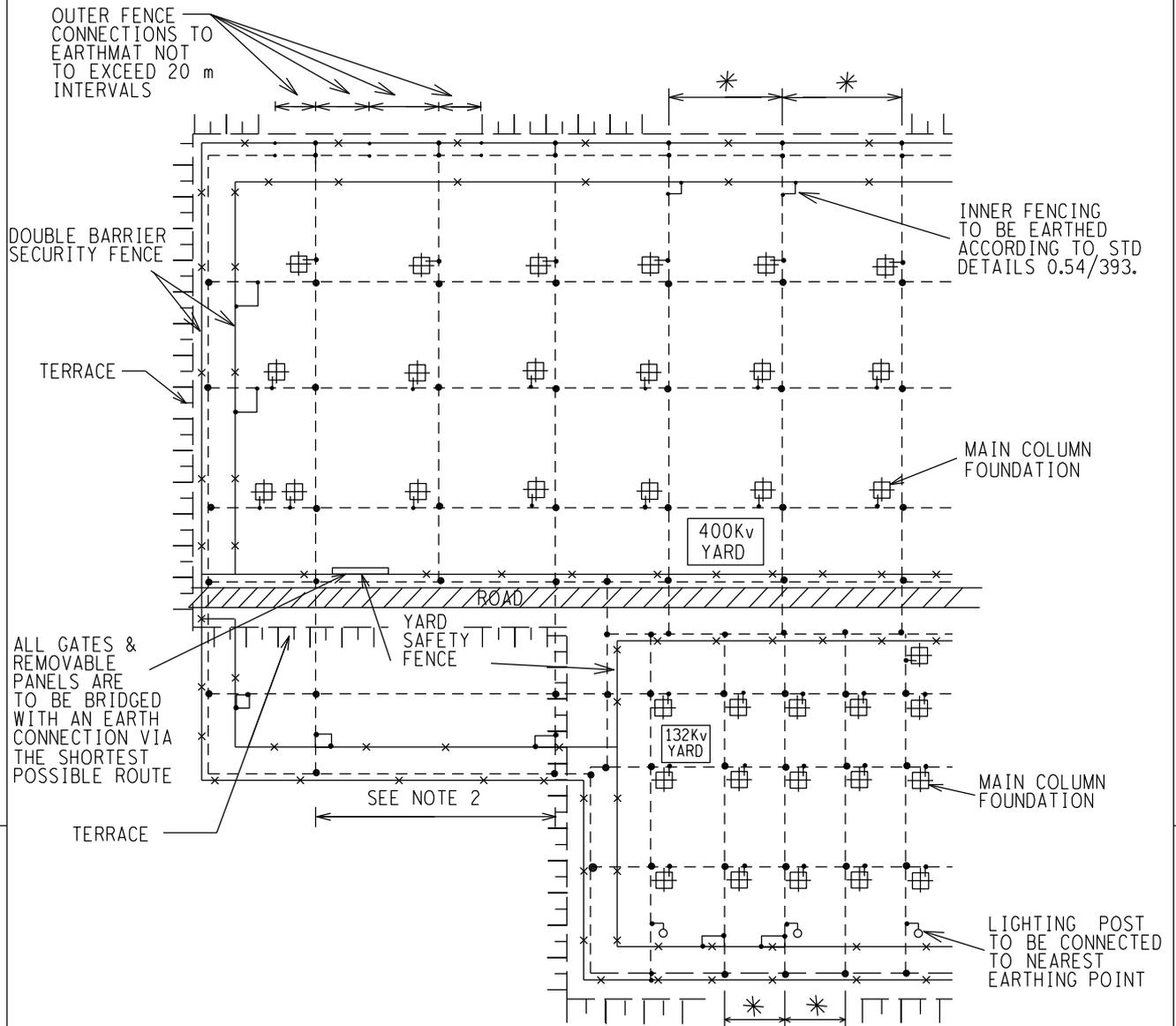


# EARTH MAT AND TAILS



## TYPICAL EARTH MAT APPLICATION FOR NEW SUBSTATIONS. (AFTER NOVEMBER 1990)

- 1.\* INTERVALS BETWEEN EARTHING RUNS TO COINCIDE WITH MAIN COLUMN FOUNDATIONS IN SUBSTATION YARDS.  
eg. 400 kV = 24 m  
132 kV = 12 or 15 m
2. IF THE SECURITY FENCING IS OFF THE TERRACE THEN THE EARTH GRID BEYOND THE SUBSTATION SAFETY FENCE NEEDS ONLY TO BE AT  $\pm 45$  M INTERVALS
3. WHERE THERE ARE TWO OR MORE YARDS IN CLOSE PROXIMITY, THE EARTH GRIDS ARE TO BE INTEGRAL.
4. FOR SECURITY AND SAFETY FENCING APPLICATIONS REFER TO S.L.D.G. 15-5; "SUBSTATION FENCING"
5. FOR EARTHING DETAILS REFER TO THIS STANDARD ie. 0.54/393

THE C.A.D. REFERENCE NUMBER IS:  
00393EC03B.R02

**TRANSMISSION  
SUBSTATION  
TECHNOLOGY**



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1996

EARTHING STANDARDS

0.54/393

SHEET C3B

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