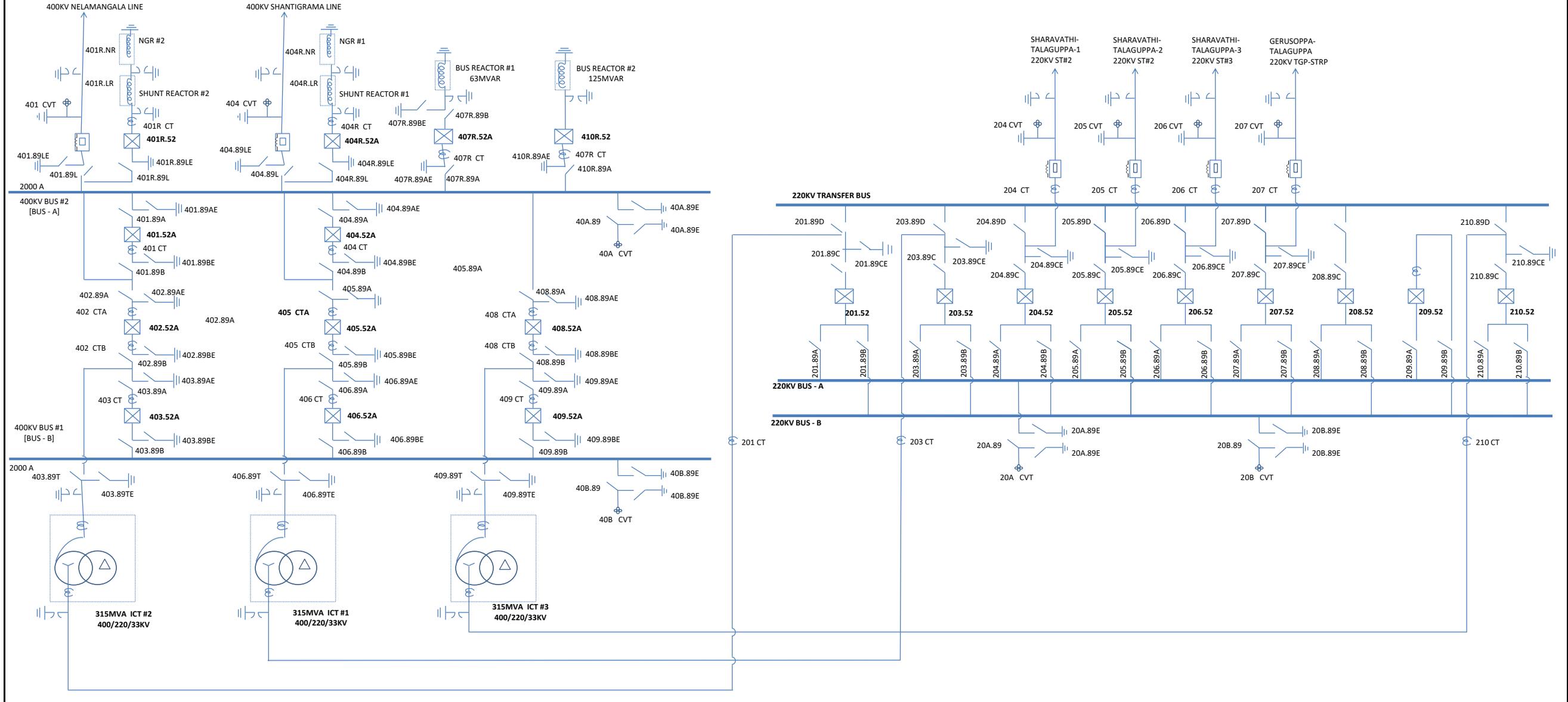
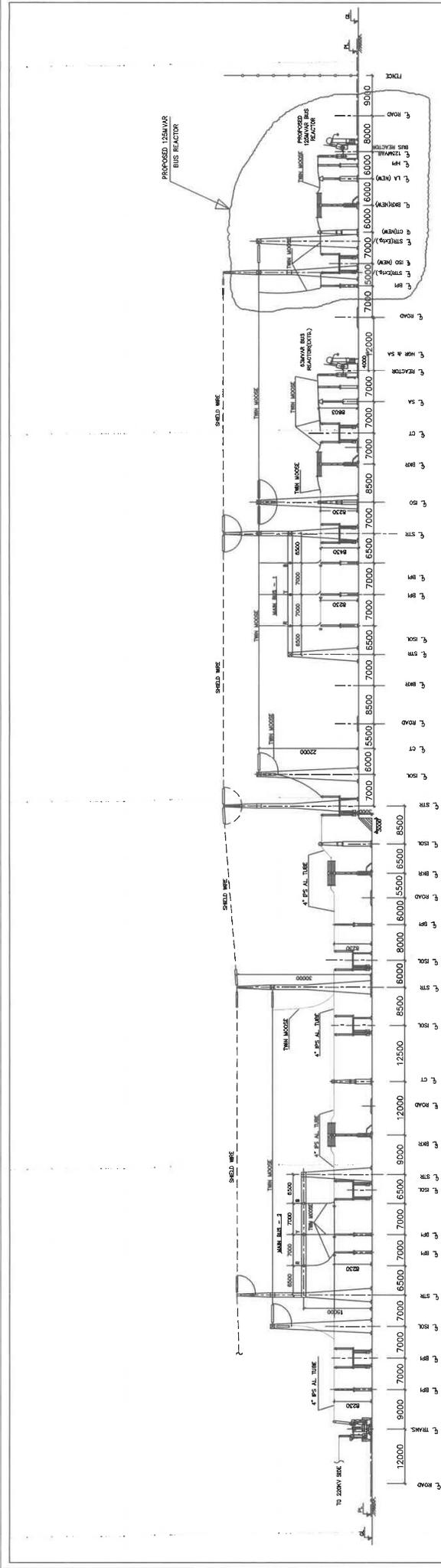


SINGLE LINE DIAGRAM OF 220/400KV STATION TALAGUPPA





PROPOSED 125MVAR 400KV BUS REACTOR BAY

NOTE:
1. ALL DIMENSIONS ARE IN MM

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED			
400/220KV SUB STATION AT TALAGUPPA-CROSS SECTION			
THROUGH PROVIDING ADDITIONAL 400KV, 125MVAR BUS REACTOR			
DESIGN/PTC/TECH/SS-400/TAL-SECTION/R1,	DATE-26.04.2019	SCALE- N.T.S	
LAKSHMI DEVLIG	A.E.E	E.E	SELECTED
DRN	CHD	SUB	REC
			APPROVED

EARTHMAT FOR 400 KV STATION AT TALAGUPPA.

NOT TO SCALE

IMPORTANT:- READ CAREFULLY THE ENCLOSED GUIDELINES BEFORE EXECUTION

ALL DIMENSIONS ARE IN METRE.

AREA COVERED BY THE EARTHMAT = 77,040 SQ. MTR.
 DESIGN SPACING OF THE MESH = 4 x 4 MTR.
 DEPTH OF BURIAL OF THE EARTHMAT = 0.9 MTR.
 SIZE OF THE EARTHMAT CONDUCTOR (M.S. ROUND RODS) = 40 MM DIA.

25 MM. DIA M.S. ROUND ROD OF ONE METRE LENGTH

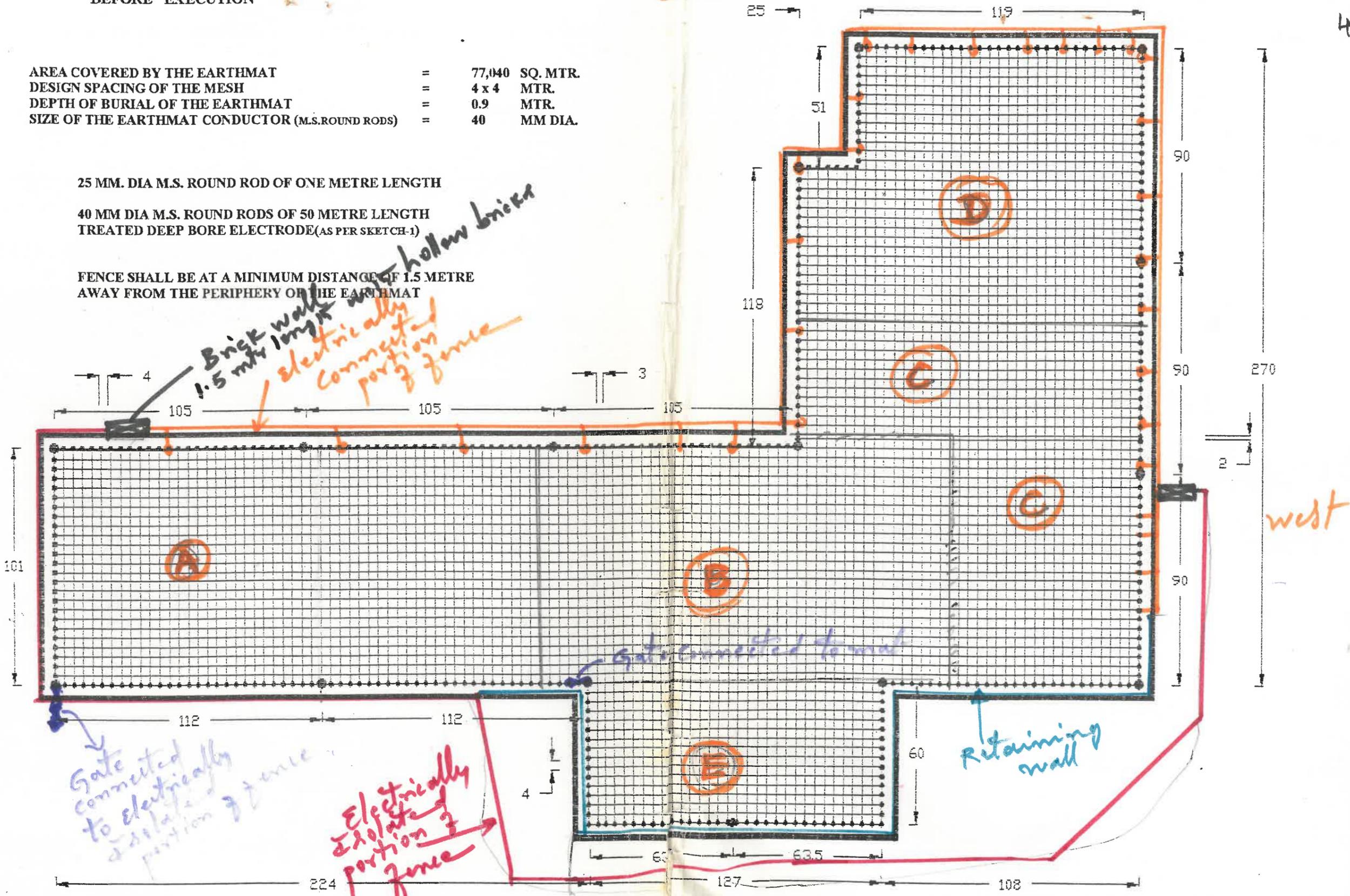
40 MM DIA M.S. ROUND RODS OF 50 METRE LENGTH
 TREATED DEEP BORE ELECTRODE (AS PER SKETCH-1)

FENCE SHALL BE AT A MINIMUM DISTANCE OF 1.5 METRE AWAY FROM THE PERIPHERY OF THE EARTHMAT

East

South

44



North

K P T C L			
<i>Ch</i> A/E E	E/E	S/E E <i>Dr. M. S. Ramani</i>	C/E (R & D) <i>Y. K. Das</i>

p/c *CP/1/2000*