



LEGENDS:

① - TEE TYPE WELDED JOINT (95 sqmm & 185 sqmm)
② - CROSS TYPE WELDED JOINT (95 sqmm & 185 sqmm)
③ - TEE TYPE WELDED JOINT (95 sqmm & 95 sqmm)
④ - CROSS TYPE WELDED JOINT (95 sqmm & 95 sqmm)

REFERENCE DRAWINGS:

RAB PFI 001 - GENERAL LAYOUT
RAB PFI 005 - GROUNDING DESIGN REPORT

PRESENT SCOPE OF WORK

EXISTING/TOWER
GRID LINE
GNDING LINE
TO EXISTING EARTHING GRID

NOTES:

1) ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2) THE MAIN BARED STRAND COPPER CONDUCTORS (95mm²) FOR THE DESIGNED FOR THESE CONDUCTORS SHALL BE LINED AND BUNDLED WITH PNE SOL.
3) EARTHING CONDUCTOR CROSSING THE ROAD AND OTHER CIVIL CONSTRUCTIONS ARE AS APPLICABLE SHALL BE INSTALLED PRIOR TO START OF CIVIL CONSTRUCTION.
4) THIS DRAWING IS ONLY SYMBOLOGICAL REPRESENTATION OF EARTHING CONDUCTOR. THE EXACT LOCATION OF THE EARTHING CONDUCTOR SHALL BE DETERMINED IN SITU.
5) EQUIPMENT EARTHING CONNECTION ARE DISSEMINATE ONLY AND WILL BE DONE AS PER SITE CONDITION AND IN REFERENCE WITH HV EQUIPMENT INSTALLATION DRAWING.
6) EACH INDIVIDUAL STRUCTURE/EQUIPMENT SHOULD BE EARTHED AND CONNECTED TO TWO DIFFERENT GRIDS.

Rev	Date	Modification/Auditor	Rev	Date	Modification/Auditor
3	28/01/16	AS BUILT	3	28/01/16	AS BUILT
2	12/11/12	Updated MALINDI tower location	2	12/11/12	Updated MALINDI tower location
1	29/06/12	Updated in accordance with meeting 28/03/2012	1	29/06/12	Updated in accordance with meeting 28/03/2012
0	10-02-12	First Issue	0	10-02-12	First Issue

CONTRACT KETRACO/16/09 - LOT 3

RABAI 220/132kV SIS

EARTHING NETWORK LAYOUT DRAWING

KETRACO KENYA ELECTRICITY TRANSMISSION COMP. LTD

MOMBASA - NAIROBI 400kV TRANSMISSION LINE

SIEMENS Transmission & Distribution

Unit/Assignment

E T HSOI

Project - Rabai Transmission

65PO_000104

RAB PFI 004

Ind/rev

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001/001