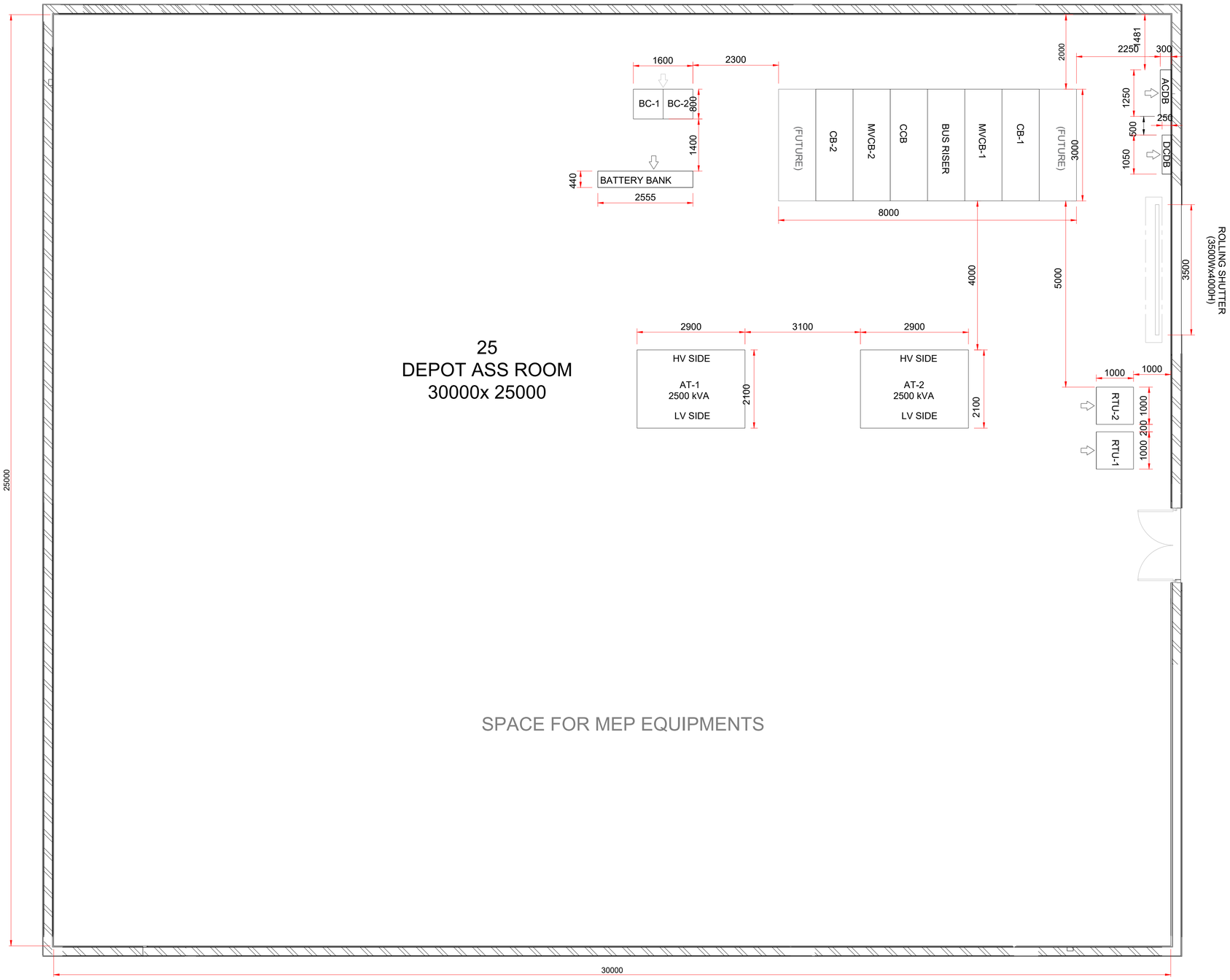
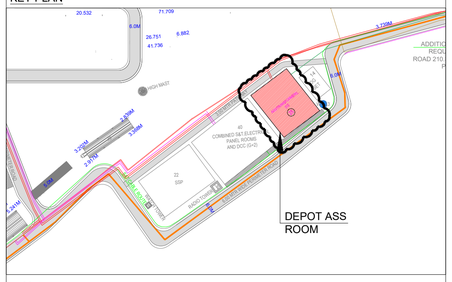



KEY PLAN




Notes:
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
2. THIS DRAWING IS INDICATIVE AND FOR PST TENDER PURPOSE ONLY AND CONTRACTOR SHALL DEVELOP THE DRAWING BASED ON DEPOT ARCHITECTURE DRAWING FOR CLIENT APPROVAL.
3. ALL EQUIPMENT DIMENSIONS GIVEN HERE ARE TENTATIVE AND MAY CHANGE DURING DETAIL DESIGN.
4. REFERENCE DRAWING NO:- DRG NO.KRIDE_BSRP_RS_DEPOT_SDVL Rev-08

LEGEND:- EQUIPMENTS FOR ASS

| S.No. | Description | Abbreviation | SIZE (MM) | | | QTY. (Nos.) |
|---|---|---|---|---|---|---|
| | | | L | W | H | |
| 1 | AUXILIARY TRANSFORMER (2500kVA) | AT | 2900 | 2100 | 3300 | 02 |
| 2 | 33KV SWITCHGEAR PANEL AIS TYPE | 33kV SWITCHGEAR PANEL | 1000 | 3220 | 2800 | 06 |
| 3 | ACDB WALL MOUNTED | ACDB | 800 | 200 | 1000 | 01 |
| 4 | DCDB WALL MOUNTED | DCDB | 800 | 200 | 1000 | 01 |
| 5 | REMOTE TERMINAL UNIT | RTU | 1000 | 1000 | 2100 | 02 |
| 6 | BATTERY BANK | BATT. | 440 | 2555 | 1600 | 01 |
| 7 | BATTERY CHARGER | BC | 1600 | 600 | 1800 | 01 |

FOR TENDER PURPOSE ONLY

NOTES:
1. ALL DIMENSIONS ARE IN METER UNLESS MENTIONED OTHERWISE.
2. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
3. ANY DISCREPANCY IN THE DRAWING MUST BE BROUGHT TO THE NOTICE OF THE DESIGNER.
4. INTERFACE WITH OTHER DESIGN DISCIPLINE WILL BE DONE AS PER AVAILABILITY OF DETAILS.

| REV | DATE | DESCRIPTION | Originator | Checked | Approved |
|---|---|---|---|---|---|
| R0 | 29-01-2025 | FIRST SUBMISSION | K.B | V.S/R.K | SK |

K RIDE

| DM / ELE / KRIDE | Sr. DGM / ELE / KRIDE | AGM / ELE / KRIDE |
|---|---|---|
| | | |

Certified that this document has been designed and checked in accordance with GC Quality Assurance Plan.
EGIS-AECOM-WSP

| Senior Discipline Expert | Chief Discipline Expert | Project Director |
|---|---|---|
| | | |

Certified that this document has been designed and checked in accordance with DDC Quality Assurance Plan.
Detailed Design Consultant for design of Traction & Auxiliary Power Supply and Distribution for BSRP
SYSTRA MVA CONSULTING (INDIA) PVT. LTD.
10th and 11th Floor, Tower-B, 12/3, Vatika Mindscapes, Mathura Road, NH2, Sector 27D, Faridabad, Haryana 121013

| Drawn | | Checked: | | Approved: | |
|---|---|---|---|---|---|
| K. Bisht | | V. Singh<br>R.Kannan | | S. Kumar | |

Client:
RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED

Project Title: Bengaluru Suburban Rail Project (BSRP)
(Detailed Design Consultant for design of Traction & Auxiliary Power Supply and Distribution for BSRP)
Corridor-2 (Benniganahalli -Chikkabanavara)

Drawing Title: TYPICAL EQUIPMENT LAYOUT DRAWING FOR DEPOT ASS
Project Stage: Tender Drawing

Paper Size: A1
Discipline:
Date: 29/01/2025
Scale: TS/NTS
Drawing no.: KRDD01-TDR-GEN-GEN-TPS-DWG-00034
Revision: R0