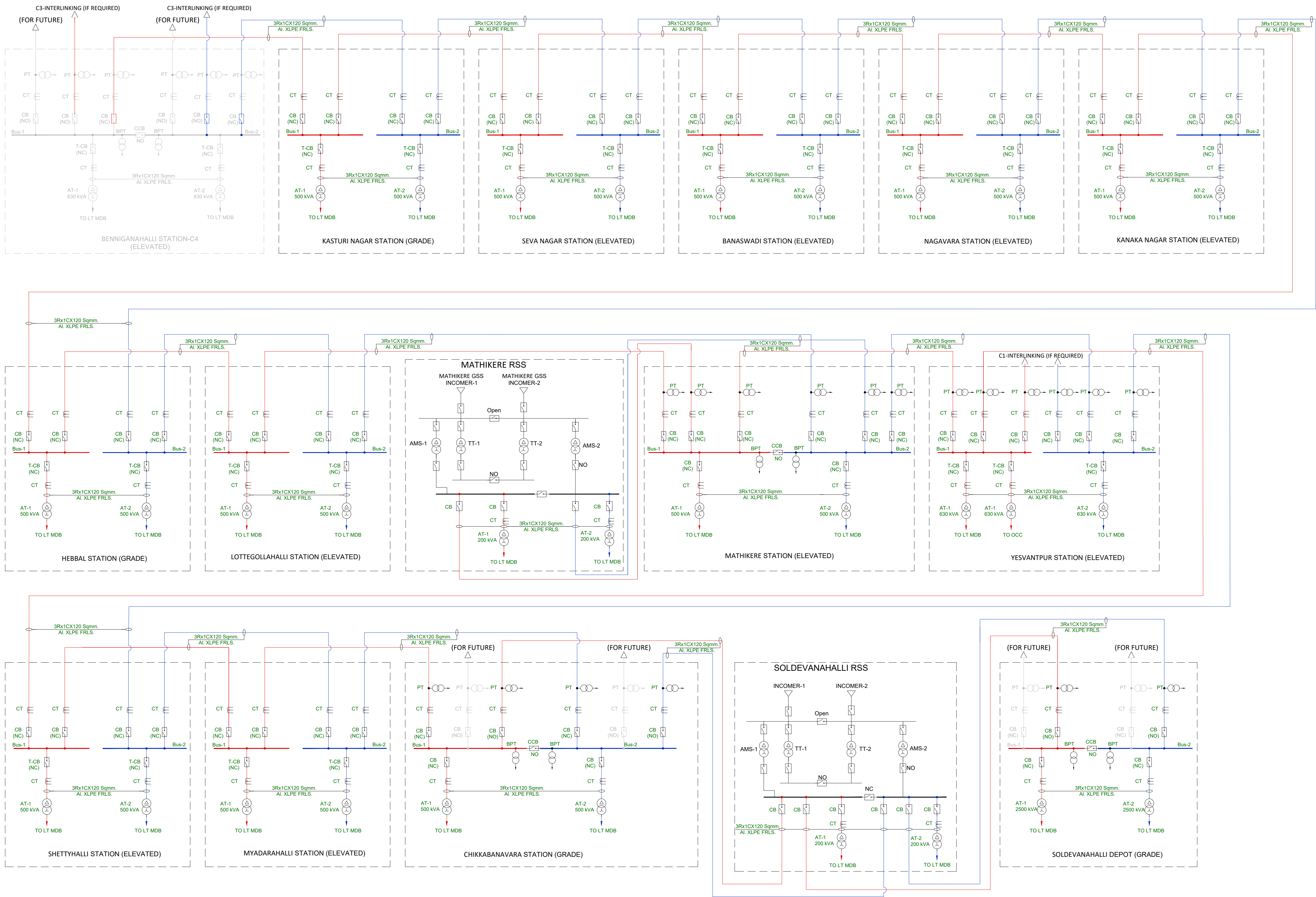


CORRIDOR-02



LEGENDS

S.NO	SYMBOL	DESCRIPTION
1		CIRCUIT BREAKER
2		AUXILIARY TRANSFORMER (AT)
3		POTENTIAL TRANSFORMER (PT)
4		CURRENT TRANSFORMER (CT)
5	CT	PROTECTION CT
6	CT	TRANSFORMER CT
7	CCB	COUPLING CIRCUIT BREAKER
8	NO/NC	NORMALLY OPEN/NORMALLY CLOSED
9	BPT	BUS PT

NOTES:

1. THIS DRAWING IS INDICATIVE AND FOR TENDER PURPOSE ONLY AND CONTRACTOR SHALL DEVELOP THE DRAWING FOR CLIENT APPROVAL.
2. FOR RATING OF EACH EQUIPMENT, PROTECTION SLD ALONG WITH TECHNICAL SPECIFICATION SHALL BE REFERRED.

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
R2	30-12-2024	BNGH RSS removed, OCC feeder added at YPR, SDVL Depot feeder added, PCT & TCT corrected as CT, all Trafo. feeder's cable sizing added & note no.2 Updated.	K.D	VS/RK	SK
R1	02-09-2024	SECOND SUBMISSION	K.B	VS/RK	SK
R0	08-08-2024	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.

AECOM WSP
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

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Drawn: K. Bishit Checked: V. Singh Approved: S. Kumar

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 - Soldevanahalli)

Drawing Title:
OVERALL 33 KV POWER SUPPLY SINGLE LINE
DIAGRAM FOR CORRIDOR-2
Sh. 1 of 2

Project Stage:

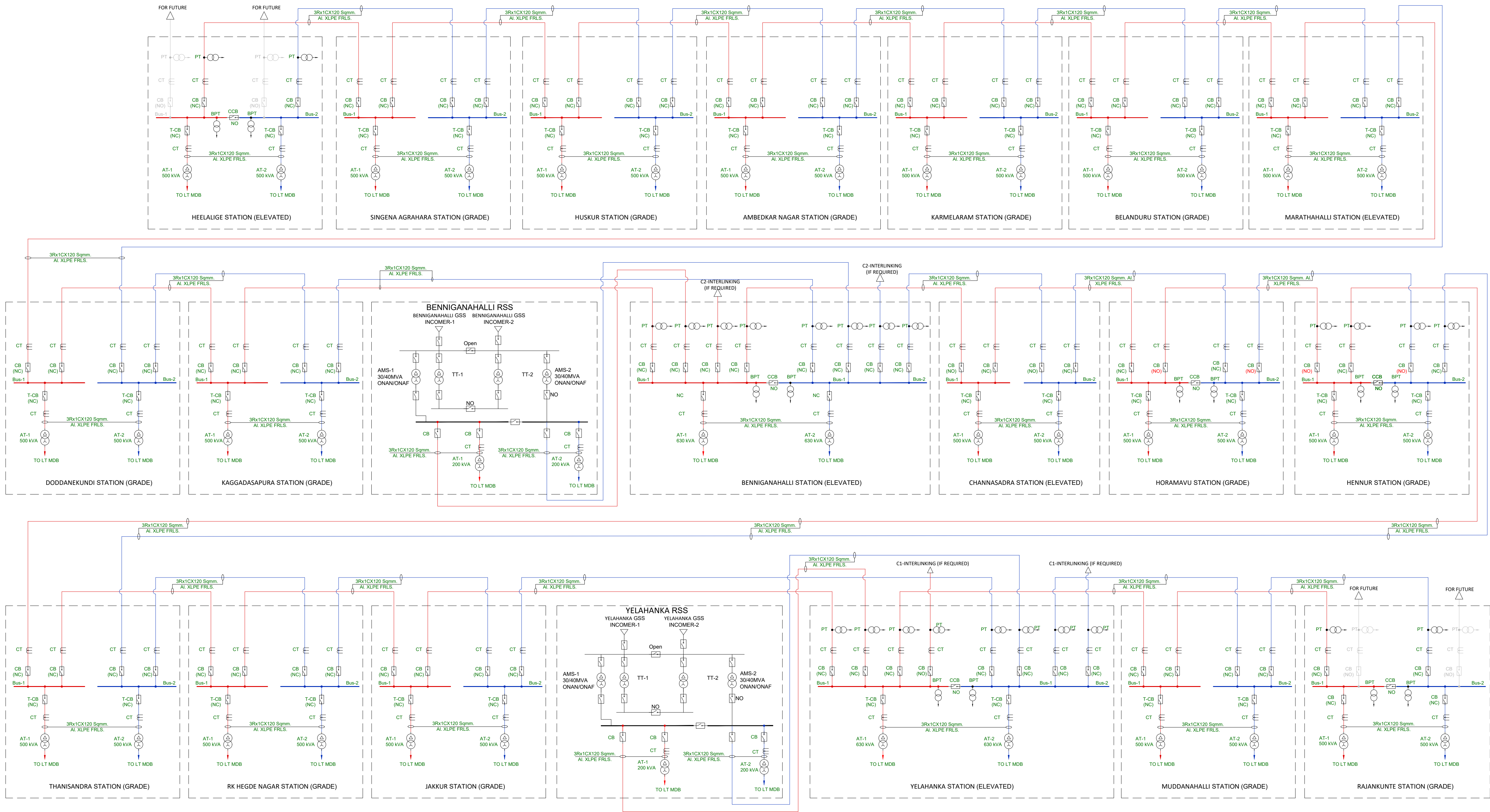
Tender Drawing

Paper Size: A1 Discipline: Power Supply & Traction System Date: 08/08/2024 Scale: TS/NTS

Drawing no.: KRDD01-TDR-GEN-GEN-TPS-DWG-00026 Revision: R2

FOR TENDER PURPOSE ONLY

CORRIDOR-04



LEGENDS

S.NO	SYMBOL	DESCRIPTION
1		CIRCUIT BREAKER
2		AUXILIARY TRANSFORMER (AT)
3		POTENTIAL TRANSFORMER (PT)
4		CURRENT TRANSFORMER (CT)
5	CT	PROTECTION CT
6	CT	TRANSFORMER CT
7	CCB	COUPLING CIRCUIT BREAKER
8	NO/NC	NORMALLY OPEN/NORMALLY CLOSED
9	BPT	BUS PT

NOTES:

1. THIS DRAWING IS INDICATIVE AND FOR TENDER PURPOSE ONLY AND CONTRACTOR SHALL DEVELOP THE DRAWING FOR CLIENT APPROVAL.
2. FOR RATING OF EACH EQUIPMENT, PROTECTION SLD ALONG WITH TECHNICAL SPECIFICATION SHALL BE REFERRED.

- 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.

R2	30-12-2024	PCT & TCT corrected as CT, all Trafo. feeder's cable sizing added. CCB & BPT coupling arrangement added at HORAMAVU station & note no.2 Updated.	K.D	VS/RK	SK
R1	02-09-2024	SECOND SUBMISSION	K.B	VS/RK	SK
R0	08-08-2024	FIRST SUBMISSION	K.B	V.S/R.K	SK
REV	DATE	DESCRIPTION	Originator	Checked	Approved

K RIDE

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

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AECOM
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

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Drawn: K. Bishit

Checked: V. Singh

Approved: S. Kumar

R Kannan

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 - Soladevanahalli)

Drawing Title:
OVERALL 33 KV POWER SUPPLY SINGLE LINE
DIAGRAM FOR CORRIDOR-4
Sh. 2 of 2

Project Stage:

Tender Drawing

Paper Size: A1 Discipline: Power Supply & Traction System Date: 08/08/2024 Scale: TS/NTS
Drawing no.: KRDD01-TDR-GEN-GEN-TPS-DWG-00026 Revision: R2