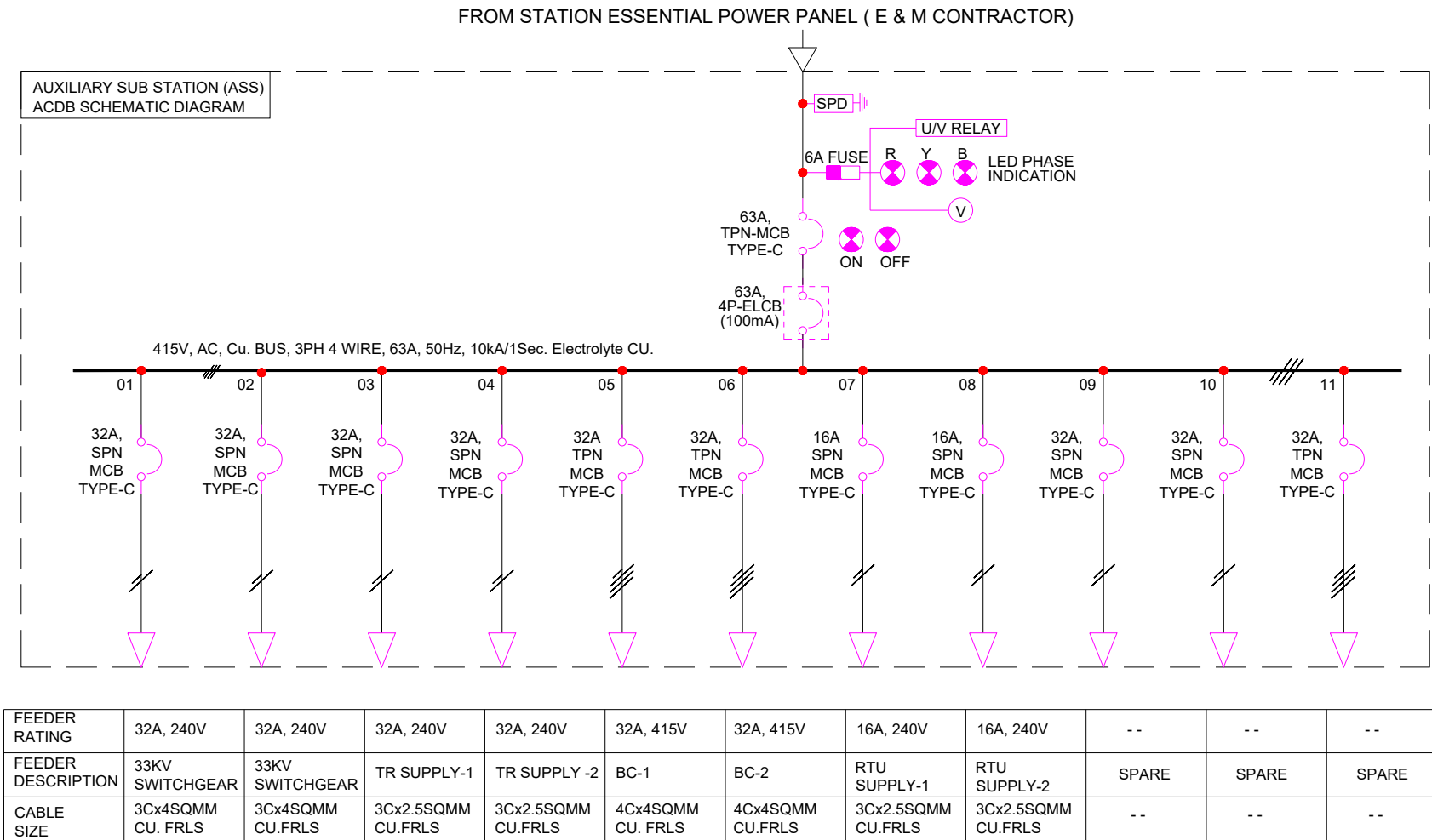


TYPE-1



LEGENDS:

	CABLE TERMINATION
	FUSE LINK
	MCB
	LED LAMP INIDICATION
	TRANSFORMER
	SURGE PROTECTION DEVICE
	VOLTMETER

RTU	REMOTE TERMINAL UNIT
BC	BATTERY CHARGER
MCB	MINIATURE CIRCUIT BREAKER
SPN	SINGLE POLE AND NEUTRAL
TPN	TRIPLE POLE AND NEUTRAL
ELCB	EARTH LEAKAGE CIRCUIT BREAKER

- NOTES:-
- THE BODY OF ACDB AND DCDB SHALL BE EARTHED BY SUITABLE SIZE OF COPPER CONDUCTOR.
 - THIS DRAWING IS INDICATIVE AND FOR TENDER PURPOSE ONLYAND CONTRACTOR SHALL DEVELOP THE DRAWING FOR CLIENT APPROVAL.
 - CABLE SIZE SHALL BE FINALIZE AS PER EQUIPMENTS CURRENT LOAD REQUIREMENT.

FOR TENDER PURPOSE ONLY

NOTES:

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- ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
- ANY DISCREPANCY IN THE DRAWING MUST BE BROUGHT TO THE NOTICE OF THE DESIGNER.
- INTERFACE WITH OTHER DESIGN DISCIPLINE WILL BE DONE AS PER AVAILABILITY OF DETAILS.

R0	09-08-2024	FIRST SUBMISSION	KB	VS/RK	SK
REV	DATE	DESCRIPTION	Originator	Checked	Approved

K RIDE			Certified that this document has been designed and checked in accordance with GC Quality Assurance Plan.		
			Senior Discipline Expert	Chief Discipline Expert	Project Director
DM / ELE / KRIDE	Sr. DGM / ELE / KRIDE	AGM / ELE / KRIDE			
			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		
			SYSTRAM/VA CONSULTING (INDIA) PVT. LTD. 10th and 11th Floor, Tower-B, 12/3, Vatika Mindspace, Mathura Road, NH2, Sector 27D, Faridabad, Haryana 121015		
Drawn		Checked:	Approved:		
K. Bisht		V. Singh R. Kannan	S. Kumar		
			Paper Size: A3	Discipline: Power Supply & Traction System	Date: 09/08/2024 Scale: NTS
			Drawing no.: KRDD01-TDR-GEN-GEN-TPS-DWG-00031	Revision: R0	

Client:

RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED

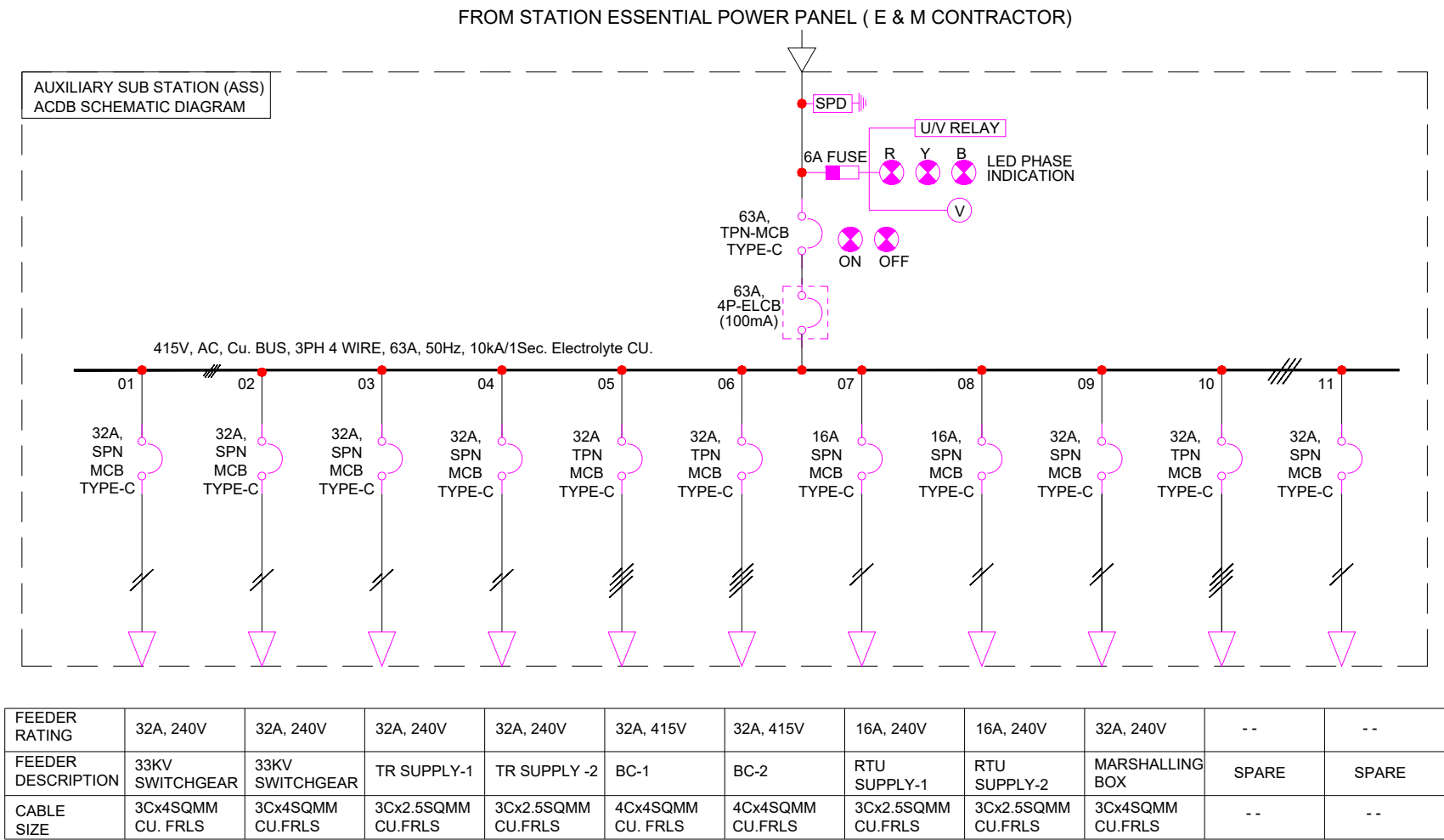
Project Title: Bengaluru Suburban Rail Project (BSRP)
(Detailed Design Consultant for design of Traction & Auxiliary Power Supply and Distribution for BSRP)

Corridor-2 (Benniganahalli -Soladevanahalli)

Drawing Title: TYPICAL ACDB ARRANGEMENT FOR ASS (Sh. 1 of 4)

Project Stage: Tender Drawing

TYPE-2



LEGENDS:

	CABLE TERMINATION
	FUSE LINK
	MCB
	LED LAMP INIDICATION
	TRANSFORMER
	SURGE PROTECTION DEVICE
	VOLTMETER

RTU	REMOTE TERMINAL UNIT
BC	BATTERY CHARGER
MCB	MINIATURE CIRCUIT BREAKER
SPN	SINGLE POLE AND NEUTRAL
TPN	TRIPLE POLE AND NEUTRAL
ELCB	EARTH LEAKAGE CIRCUIT BREAKER

- NOTES:-
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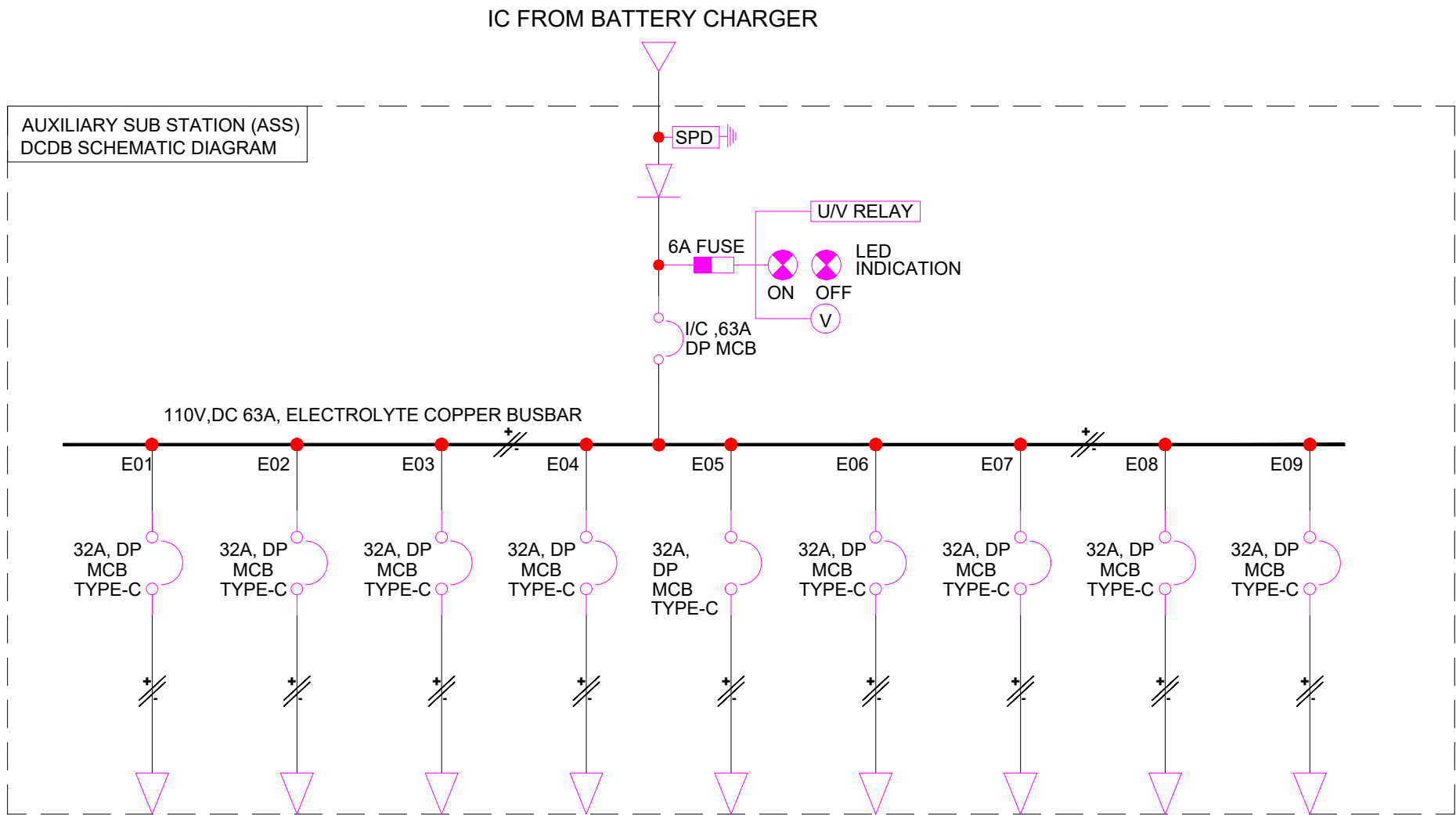
FOR TENDER PURPOSE ONLY

NOTES:

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- INTERFACE WITH OTHER DESIGN DISCIPLINE WILL BE DONE AS PER AVAILABILITY OF DETAILS.

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REV	DATE	DESCRIPTION	Originator	Checked	Approved

K RIDE			Certified that this document has been designed and checked in accordance with GC Quality Assurance Plan.		
			EGIS-AECOM-WSP		
DM / ELE / KRIDE			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		
			SYSTRAM/VA CONSULTING (INDIA) PVT. LTD.		
			10th and 11th Floor, Tower-B, 12/3, Vatika Mindspace, Mathura Road, NH2, Sector 27D, Faridabad, Haryana 121015		
			Drawn	Checked:	Approved:
			K. Bisht	V.Singh 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 -Soladevanahalli)		
			Drawing Title: TYPICAL ACDB ARRANGEMENT FOR ASS (Sh. 2 of 4)		
			Project Stage: Tender Drawing		
			Paper Size: A3	Discipline: Power Supply & Traction System	Date: 09/08/2024 Scale: NTS
			Drawing no.: KRDD01-TDR-GEN-GEN-TPS-DWG-00031		Revision: R0



FEEDER RATING	32A, 110V	32A, 110V	32A, 110V	32A, 110V	32A, 110V	32A, 110V	--	--	--
FEEDER DESCRIPTION	33KV SWITCHGEAR	33KV SWITCHGEAR	RTU SUPPLY-1	RTU SUPPLY -2	TR SUPPLY-1	TR SUPPLY-2	SPARE	SPARE	SPARE
CABLE SIZE	2Cx4SQMM CU.	2Cx4SQMM CU.	2Cx2.5SQMM CU.	2Cx2.5SQMM CU.	2Cx2.5SQMM CU.	2Cx2.5SQMM CU.	--	--	--

LEGENDS:

	CABLE TERMINATION
	FUSE LINK
	MCB
	LED LAMP INDICATION
	TRANSFORMER
	DIODE
	VOLTMETER

RTU	REMOTE TERMINAL UNIT
BC	BATTERY CHARGER
MCB	MINIATURE CIRCUIT BREAKER
DP	DOUBLE POLE
ELCB	EARTH LEAKAGE CIRCUIT BREAKER

- NOTES:-
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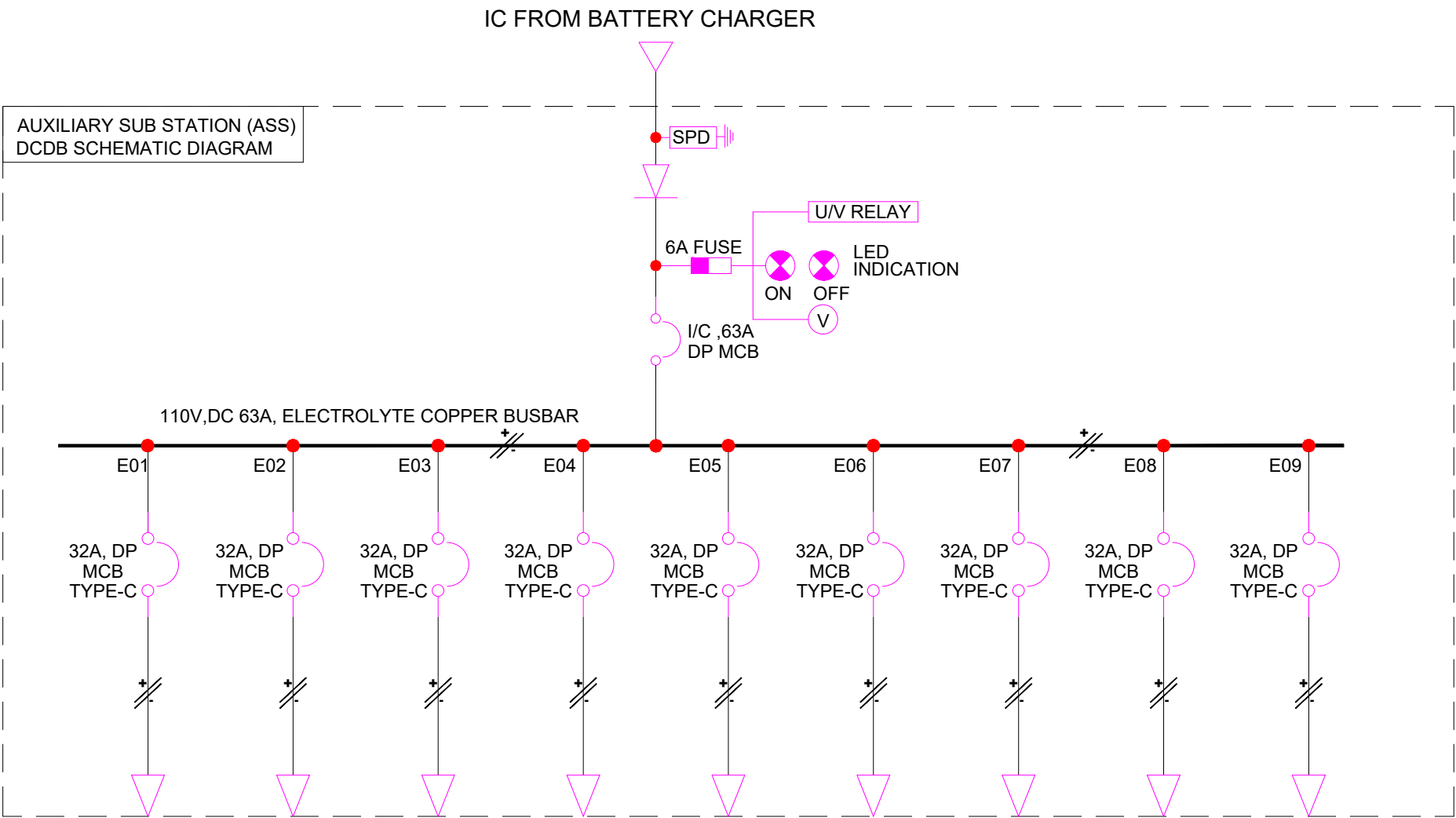
R0	09-08-2024	FIRST SUBMISSION	KB	VS/RK	SK
REV	DATE	DESCRIPTION	Originator	Checked	Approved

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

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EGIS-AECOM-WSP		
Senior Discipline Expert	Chief Discipline Expert	Project Director
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Detailed Design Consultant for design of Traction & Auxiliary Power Supply and Distribution for BSRP		
SYSTRAM/VA CONSULTING (INDIA) PVT. LTD.		
10th and 11th Floor, Tower-B, 12/3, Vattika Mindspace, Mathura Road, NH2, Sector 27D, Faridabad, Haryana 121015		
Drawn	Checked:	Approved:
K. Bisht	V. Singh 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 -Soladevanahalli)	
Drawing Title:		TYPICAL DCDB ARRANGEMENT FOR ASS (Sh. 3 of 4)		Tender Drawing	
Paper Size: A3	Discipline: Power Supply & Traction System	Date: 09/08/2024	Scale: NTS	Revision: R0	
Drawing no.: KRDD01-TDR-GEN-GEN-TPS-DWG-00031					

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FEEDER RATING	32A, 110V	32A, 110V	32A, 110V	32A, 110V	32A, 110V	32A, 110V	32A, 110V	--	--
FEEDER DESCRIPTION	33KV SWITCHGEAR	33KV SWITCHGEAR	RTU SUPPLY-1	RTU SUPPLY -2	TR SUPPLY-1	TR SUPPLY-2	MARSHALLING BOX	SPARE	SPARE
CABLE SIZE	2Cx4SQMM CU.	2Cx4SQMM CU.	2Cx2.5SQMM CU.	2Cx2.5SQMM CU.	2Cx2.5SQMM CU.	2Cx2.5SQMM CU.	2Cx10SQMM CU.	--	--

LEGENDS:

	CABLE TERMINATION
	FUSE LINK
	MCB
	LED LAMP INIDCATION
	TRANSFORMER
	DIODE
	VOLTMETER

RTU	REMOTE TERMINAL UNIT
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R0	09-08-2024	FIRST SUBMISSION	KB	VS/RK	SK

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

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Drawn	Checked:	Approved:
K. Bisht	V. Singh 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 -Soladevanahalli)			
Drawing Title:			
TYPICAL DCDB ARRANGEMENT FOR ASS (Sh. 4 of 4)			
Project Stage:		Tender Drawing	
Paper Size: A3	Discipline: Power Supply & Traction System	Date: 09/08/2024	Scale: NTS
Drawing no.: KRDD01-TDR-GEN-GEN-TPS-DWG-00031			Revision: R0

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