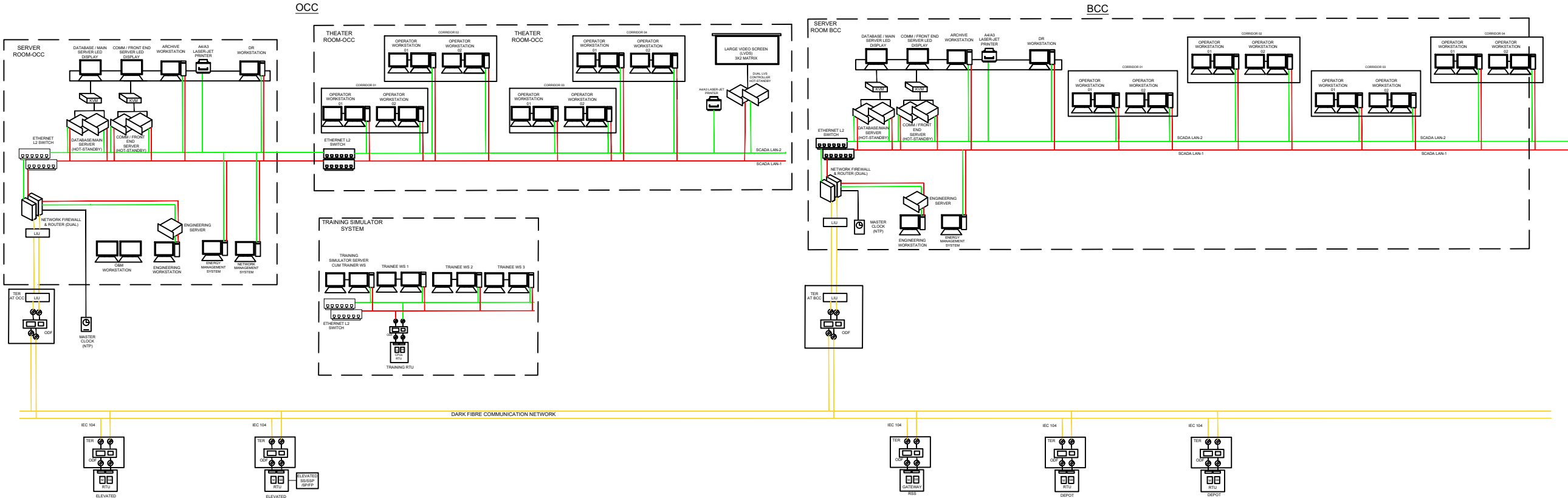


SCADA CONTROL CENTER ARCHITECTURE (OCC/BCC)



LEGEND:-

SYMBOL	DESCRIPTION
	KEY BOARD, VDU AND MOUSE INTERFACE/EXTENDER UNIT.
	LOCAL ETHERNET NETWORK LINK
	DUAL FIBER COMMUNICATION LINK WITH SUITABLE ARRANGEMENT OF INTERMEDIATE CONVERTER AND INTERFACE UNIT AS APPLICABLE.
	CONTROL CENTER SCADA ETHERNET LAN
	LIGHT INTERFACE UNIT
	OPTICAL DISTRIBUTION FIBER RACK
	FO CABLE

GENERAL NOTES

1. Fibre Optic Cable shall be Dual Redundant Min. 6 Core cable (SM, Armoured, FRLS-OH) for linking all concerned SCADA communication equipments and links to TER at OCC/BCC.
2. ETHERNET Cable shall be of CAT 6 or latest type (STP, Armoured, in case of cable laying outside the panel in a trench or cable tray or STP, Unarmoured, in case of cable laying inside a panel) for connecting all concerned SCADA equipments in dual LAN network.

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.

R0	12-08-2024	FIRST SUBMISSION	IA	NK	SK
REV	DATE	DESCRIPTION	Originator	Checked	Approved

APPROVAL BY 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



Senior Discipline Expert	Chief Discipline Expert	Project Director
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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		



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FOR TENDER PURPOSE ONLY

Client



RAIL INFRASTRUCTURE
DEVELOPMENT COMPANY
(KARNATAKA) LIMITED

Project Title: Bengaluru Suburban Rail Project (BSRP)

Corridor-2 (Benniganahalli -Soladevanahalli)

Drawing Title:	SCADA CONTROL CENTRE ARCHITECTURE
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Project Stage:

Tender Drawing

Paper Size:

Discipline

Date: 10/08/2024

scale: 1000

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