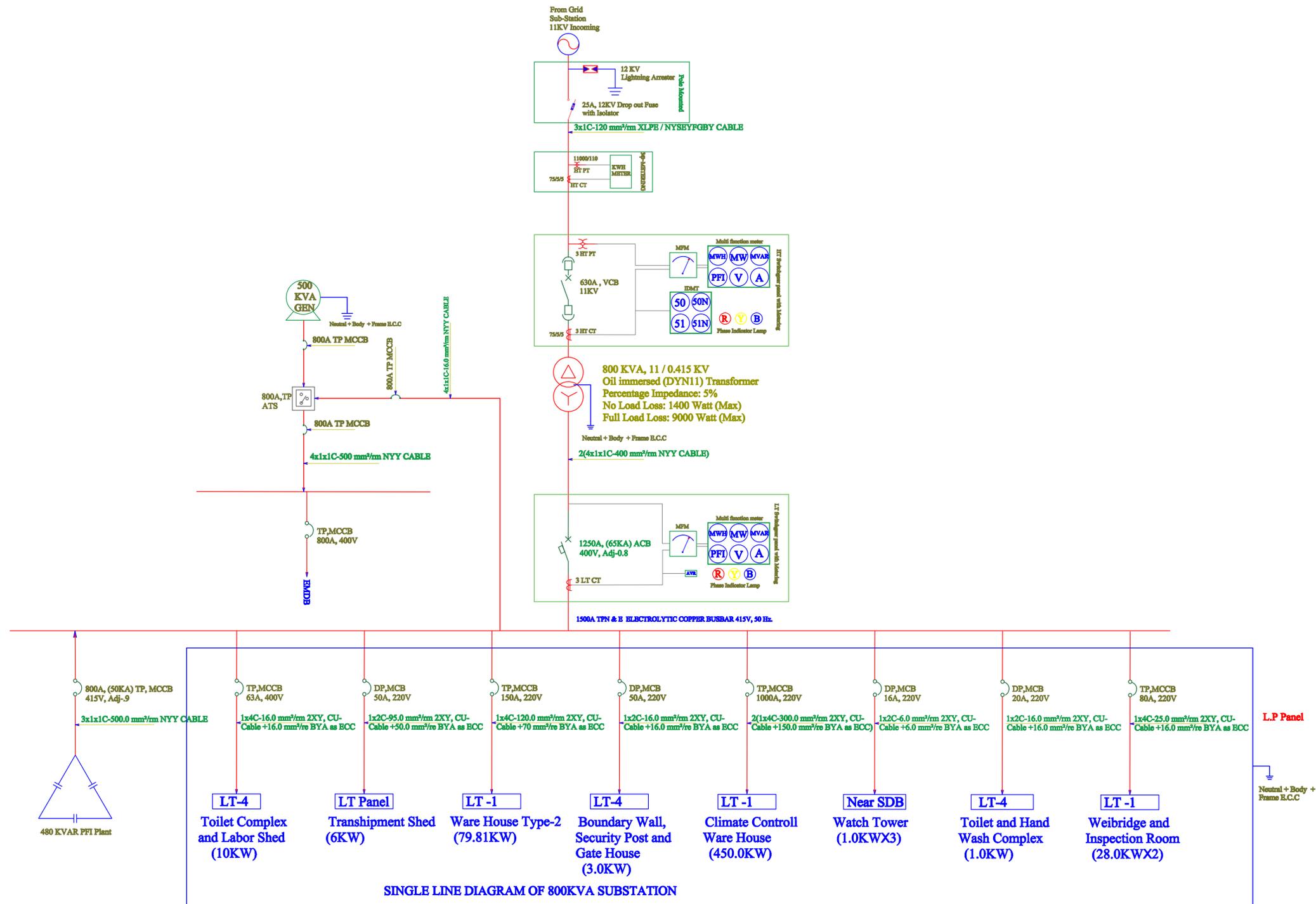


ELECTRICAL DRAWINGS

**08. SUBSTATION SINGLE LINE
DIAGRAM**

NOTE:
(i) QUANTITY NO : 01

800KVA SUBSTATION



NOTE : Without Generator, With HT, LT, PFI Panel & Transformer of 250 KVA Sub-Station Requirement Area = 100 m²

MAKS-BCL JV
Level - 12, Padma Life Tower, 115 Kazi Nazrul Islam Avenue, Banglador, Dhaka-1000.

DESIGNED:	NAME	SIGNATURE
ENG.MD.FAHIM FERROZ		
CAD DRAFTING:		
BIPOB SARKER		
CHECKED BY:		
AHMED SHARIF		
PROJECT NO:	BLPA-S16	

CLIENT:
BANGLADESH LAND PORT AUTHORITY

FINANCED:
WORLD BANK

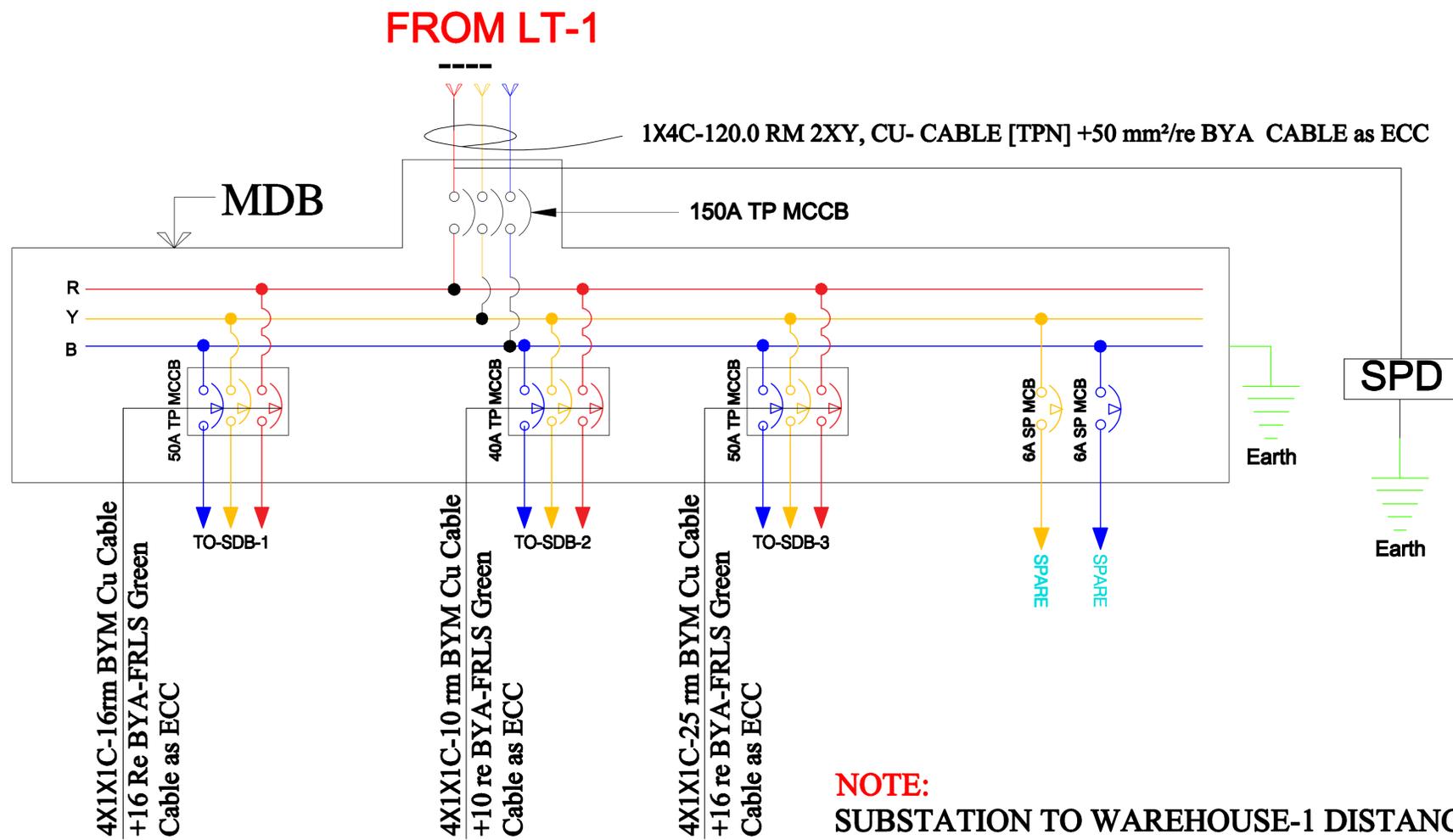
PROJECT TITLE:
Consultancy Services of Conducting Feasibility Study and Preparation of Master Plans & Detailed Design for Development of Benapole, Bhomra and Burimari Land Ports

CONTENT: **LIST OF DRAWINGS: SUBSTATION SLD**

DRAWING NO: **08: LD-01** SCALE: NOT TO SCALE DATE: **24.11.2024**

REV: **04**

WAREHOUSE TYPE-2



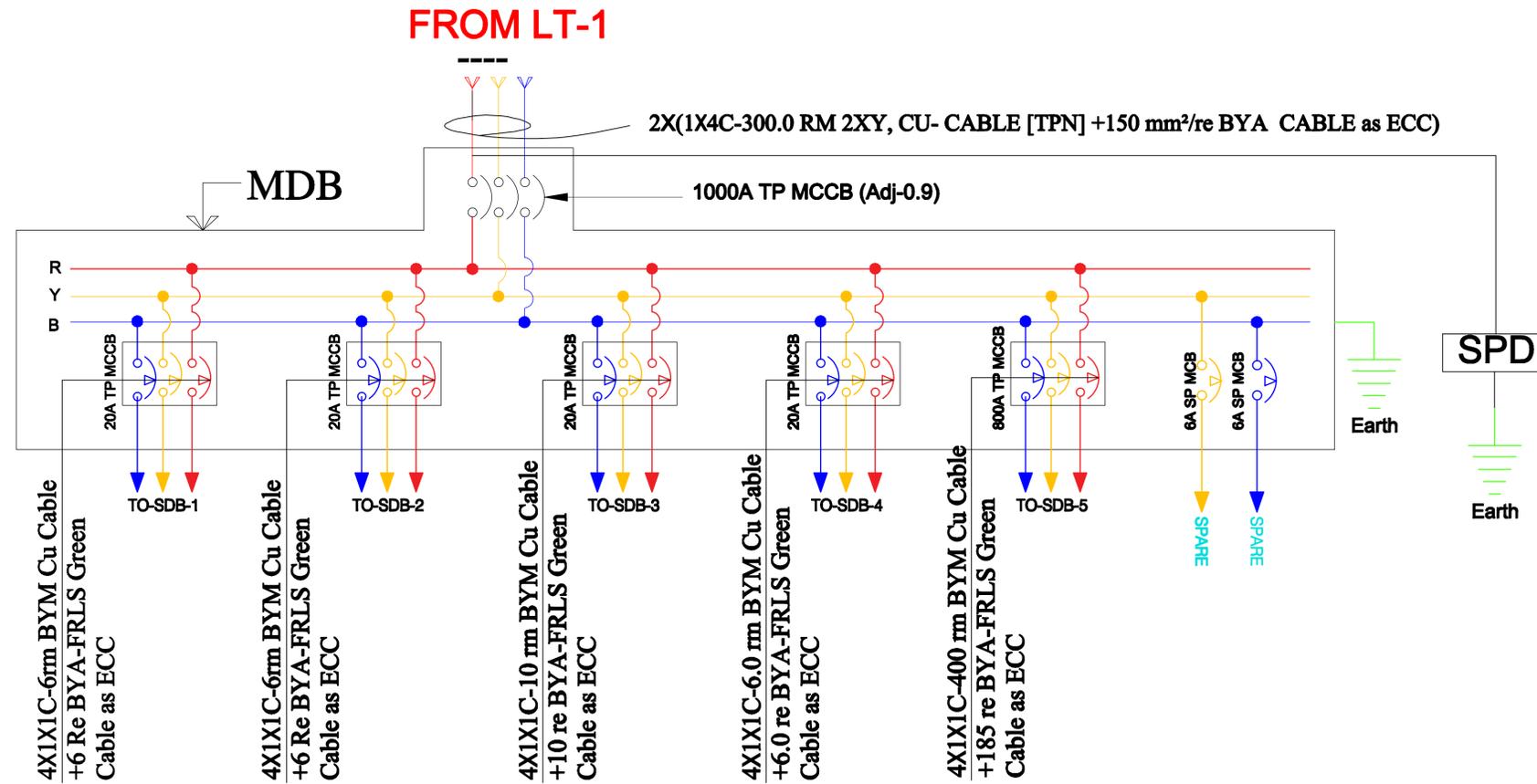
NOTE:
 SUBSTATION TO WAREHOUSE-1 DISTANCE=300m
 WAREHOUSE TO LT PANEL-1 DISTANCE=250m
 MDB TO SDB-2 DISTANCE=116m
 MDB TO SDB-3 DISTANCE=140m

NOTE:
 TOTAL ELECTRICAL LOAD OF WAREHOUSE=79.81KW

SINGLE LINE DIAGRAM OF WAREHOUSE TYPE-2

MAKS-BCL JV Level - 12, Padma Life Tower, 115 Kazi Nazrul Islam Avenue, Banglamotor, Dhaka-1000.		
DESIGNED:	NAME	SIGNATURE
CAD DRAFTING:	ENG.MD.FAHIM FEROZ	
CHECKED BY:	BIPOB SARKER	
PROJECT NO:	M ALAM (TL)	
	AHMED SHARIF	
	BLPA-S16	
CLIENT: BANGLADESH LAND PORT AUTHORITY		
FINANCED: WORLD BANK		
PROJECT TITLE: Consultancy Services of Conducting Feasibility Study and Preparation of Master Plans & Detailed Design for Development of Benapole, Bhomra and Burimari Land Ports		
CONTENT: LIST OF DRAWINGS: SUBSTATION SLD		
DRAWING NO: 08: LD-02	SCALE: NOT TO SCALE	DATE: 24.11.2024
		REV: 04

CLIMATE CONTROLLED WAREHOUSE



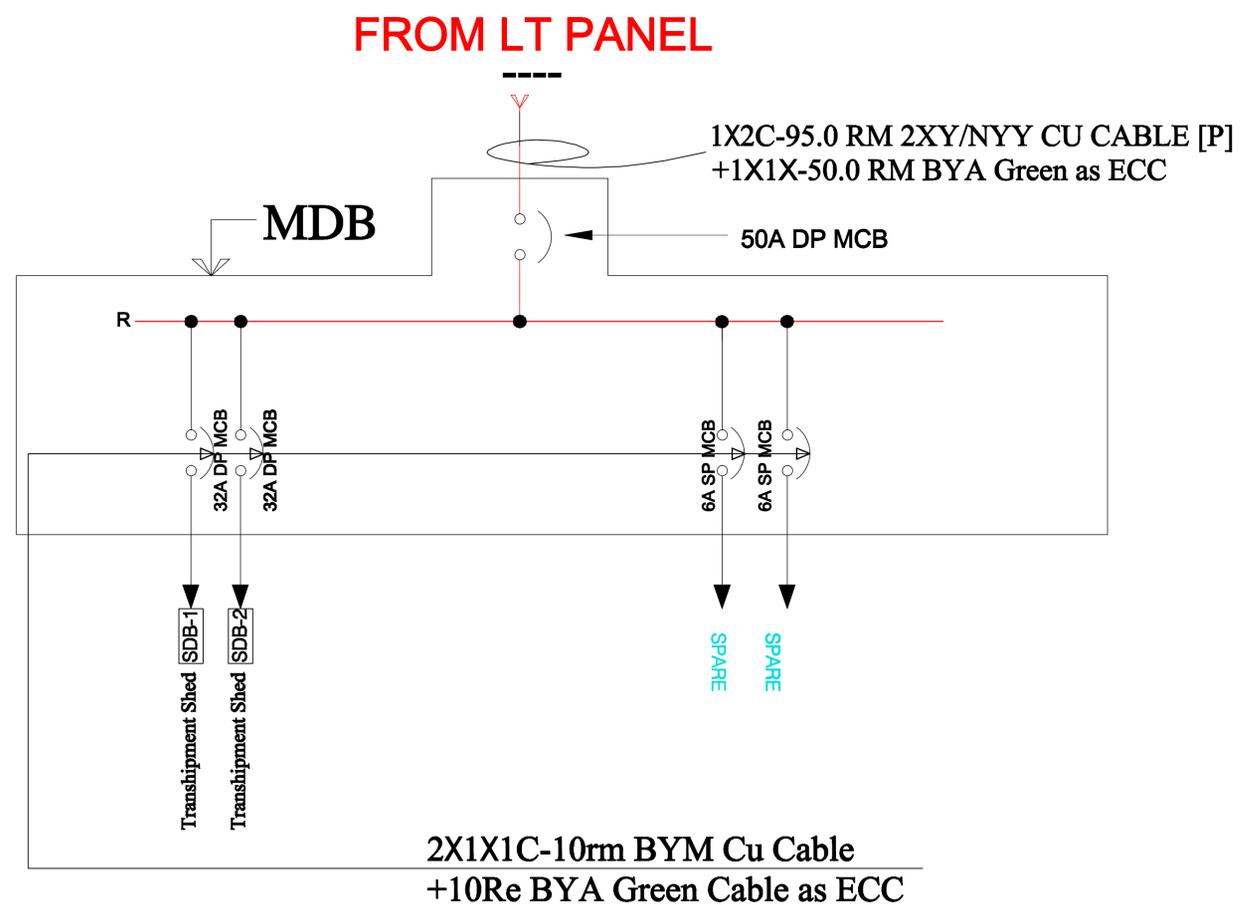
NOTE:
 SUBSTATION TO LT PANEL-1 DISTANCE=400m
 CLIMATE WAREHOUSE TO LT PANEL-1 DISTANCE=310m
 MDB TO SDB-2 DISTANCE=60m
 MDB TO SDB-3 DISTANCE=100m

NOTE:
 TOTAL ELECTRICAL LOAD OF CLIMATE WAREHOUSE=450.0KW

SINGLE LINE DIAGRAM OF CLIMATE CONTROLLED WAREHOUSE

MAKS-BCL JV Level - 12, Padma Life Tower, 115 Kazal Nazrul Islam Avenue, Banglamotor, Dhaka-1000.		
NAME	SIGNATURE	
DESIGNED:	ENG.MD.FAHIM FERAZ	
CAD DRAFTING:	BIPOB SARKER	
CHECKED BY:	M ALAM (TL)	
	AHMED SHARIF	
PROJECT NO:	BLPA-S16	
CLIENT:	BANGLADESH LAND PORT AUTHORITY	
FINANCED:	WORLD BANK	
PROJECT TITLE:	Consultancy Services of Conducting Feasibility Study and Preparation of Master Plans & Detailed Design for Development of Benapole, Bhomra and Burimari Land Ports	
CONTENT:	LIST OF DRAWINGS: SUBSTATION SLD	
DRAWING NO: 08: LD-03	SCALE: NOT TO SCALE	DATE: 24.11.2024
		REV: 04

TRANSHIPMENT SHED



NOTE: TRANSHIPMENT SHED TO SUBSTATION DISTANCE=440m

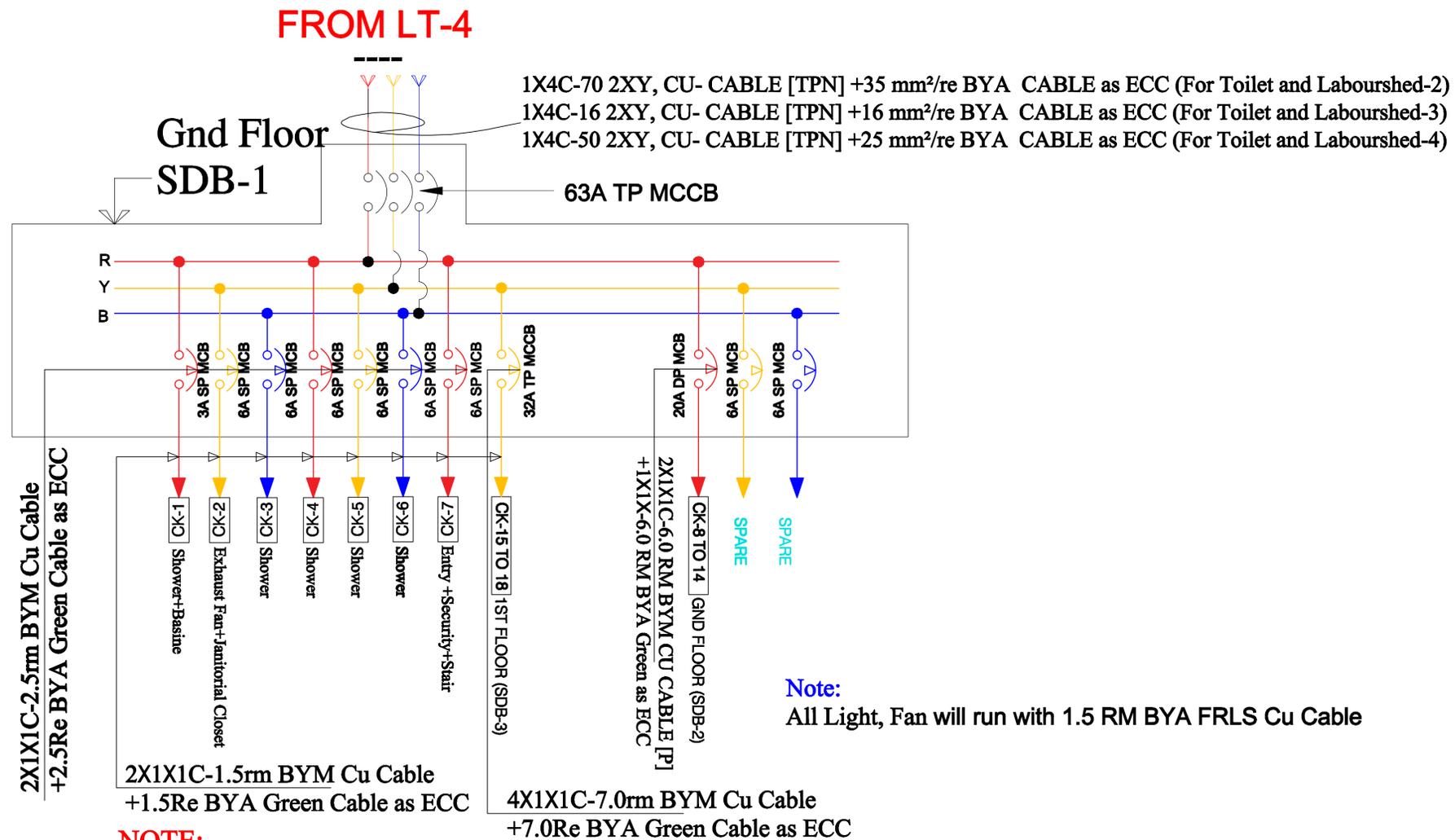
SINGLE LINE DIAGRAM OF TRANSHIPMENT SHED

MAKS-BCL JV
Level - 12, Padma Life Tower, 115 Kazi Nazrul Islam Avenue,
Banglamotor, Dhaka-1000.

	NAME	SIGNATURE
DESIGNED:	ENG.MD.FAHIM FERAZ	
CAD DRAFTING:	BIPOB SARKER	
CHECKED BY:	M ALAM (TL)	
	AHMED SHARIF	
PROJECT NO:	BLPA-S16	

CLIENT:	BANGLADESH LAND PORT AUTHORITY	
FINANCED:	WORLD BANK	
PROJECT TITLE:	Consultancy Services of Conducting Feasibility Study and Preparation of Master Plans & Detailed Design for Development of Benapole, Bhomra and Burimari Land Ports	
CONTENT:	LIST OF DRAWINGS: SUBSTATION SLD	
DRAWING NO: 08: LD-04	SCALE: NOT TO SCALE	DATE: 24.11.2024
		REV: 04

TOILET COMPLEX AND LABOR SHED

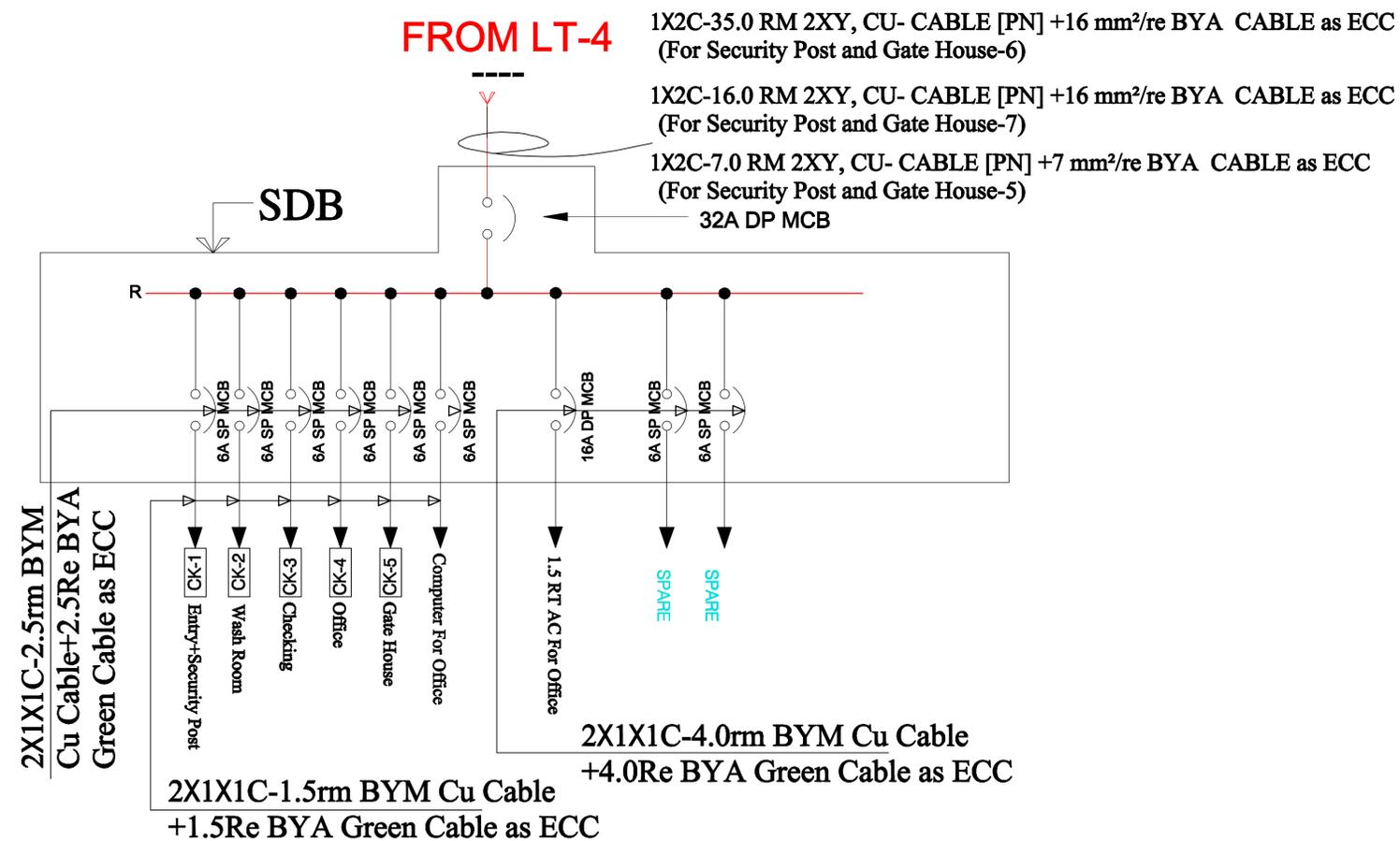


NOTE:
 TOILET COMPLEX & LABOURSHED-2 TO LT PANEL-4 DISTANCE=560m
 TOILET COMPLEX & LABOURSHED-3 TO LT PANEL-4 DISTANCE=65m
 TOILET COMPLEX & LABOURSHED-4 TO LT PANEL-4 DISTANCE=337m

SINGLE LINE DIAGRAM OF TOILET COMPLEX AND LABOR SHED

MAKS-BCL JV Level - 12, Padma Life Tower, 115 Kazi Nazrul Islam Avenue, Banglamotor, Dhaka-1000.		
DESIGNED:	NAME	SIGNATURE
CAD DRAFTING:	ENG.MD.FAHIM FERAZ	
CHECKED BY:	BIPOB SARKER	
PROJECT NO:	M ALAM (TL)	
CLIENT:	AHMED SHARIF	
FINANCED:	BLPA-S16	
PROJECT TITLE:	BANGLADESH LAND PORT AUTHORITY	
CONTENT:	WORLD BANK	
DRAWING NO: 08: LD-05	PROJECT TITLE: Consultancy Services of Conducting Feasibility Study and Preparation of Master Plans & Detailed Design for Development of Benapole, Bhomra and Burimari Land Ports	
SCALE: NOT TO SCALE	DATE: 24.11.2024	
	REV: 04	

BOUNDARY WALL, SECURITY POST AND GATE HOUSE



NOTE:

SECURITY POST AND GATE HOUSE-5 TO LT PANEL-4 DISTANCE=54m
 SECURITY POST AND GATE HOUSE-6 TO LT PANEL-5 DISTANCE=277m
 SECURITY POST AND GATE HOUSE-7 TO LT PANEL-5 DISTANCE=109m

SINGLE LINE DIAGRAM OF BOUNDARY WALL, SECURITY POST AND GATE HOUSE

MAKS-BCL JV
 Level - 12, Padma Life Tower, 115 Kazi Nazrul Islam Avenue,
 Banglamotor, Dhaka-1000.

	NAME	SIGNATURE
DESIGNED:	ENG.MD.FAHIM FERAZ	
CAD DRAFTING:	BIPOB SARKER	
CHECKED BY:	M ALAM (TL)	
	AHMED SHARIF	
PROJECT NO:	BLPA-S16	

CLIENT:
BANGLADESH LAND PORT AUTHORITY

FINANCED:
WORLD BANK

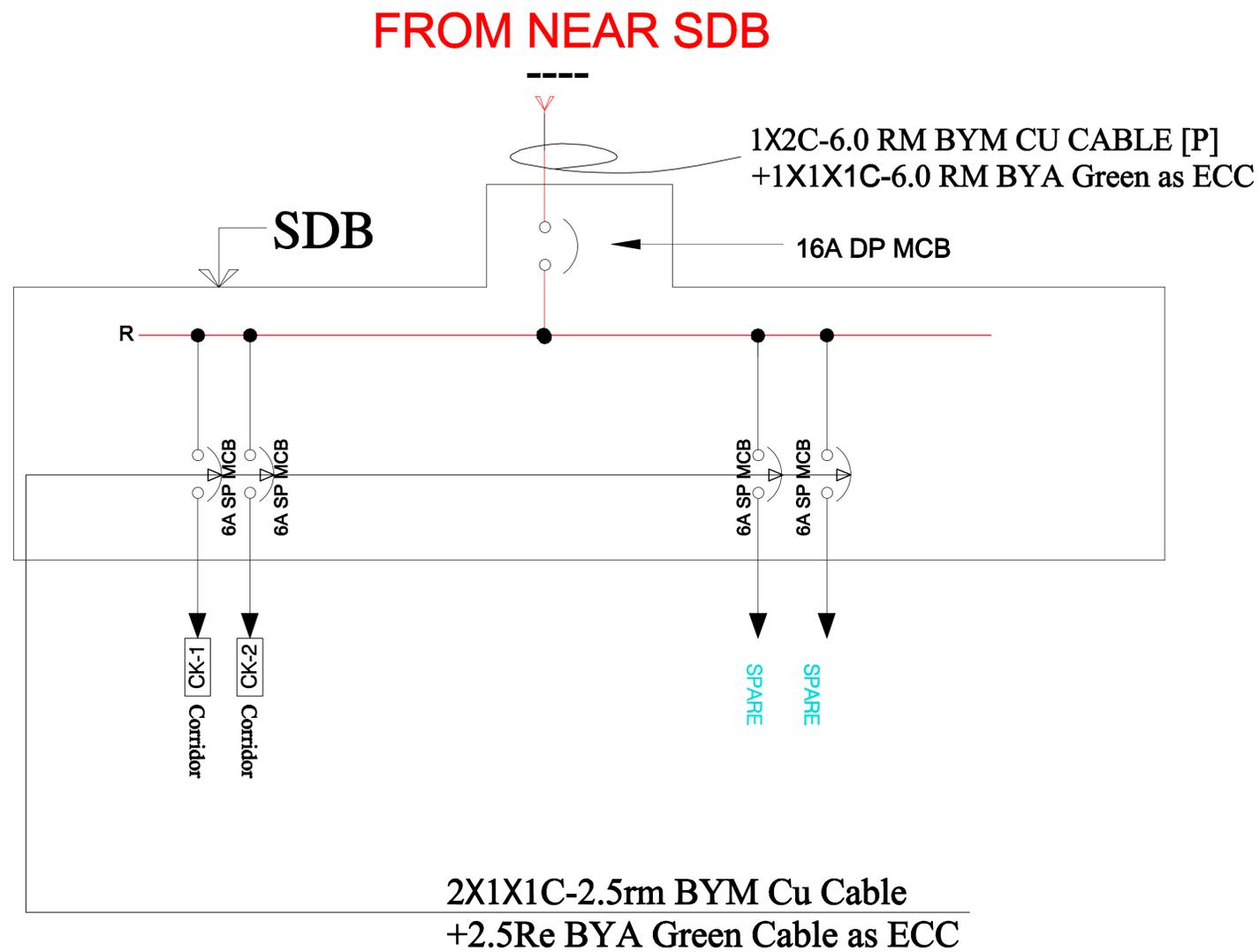
PROJECT TITLE:
 Consultancy Services of Conducting Feasibility Study and Preparation of Master Plans & Detailed Design for Development of Benapole, Bhomra and Burimari Land Ports

CONTENT: **LIST OF DRAWINGS: SUBSTATION SLD**

DRAWING NO: **08: LD-06** SCALE: NOT TO SCALE DATE: **24.11.2024**

REV: **04**

WATCH TOWER



NOTE:

WATCH TOWER-2 TO LT PANEL-3 DISTANCE=371m

WATCH TOWER-4 TO LT PANEL-4 DISTANCE=330m

SINGLE LINE DIAGRAM OF WATCH TOWER

MAKS-BCL JV
 Level - 12, Padma Life Tower, 115 Kazi Nazrul Islam Avenue,
 Banglamotor, Dhaka-1000.

	NAME	SIGNATURE
DESIGNED:	ENG.MD.FAHIM FERAZ	
CAD DRAFTING:	BIPOB SARKER	
CHECKED BY:	M ALAM (TL)	
	AHMED SHARIF	
PROJECT NO:	BLPA-S16	

CLIENT:
BANGLADESH LAND PORT AUTHORITY

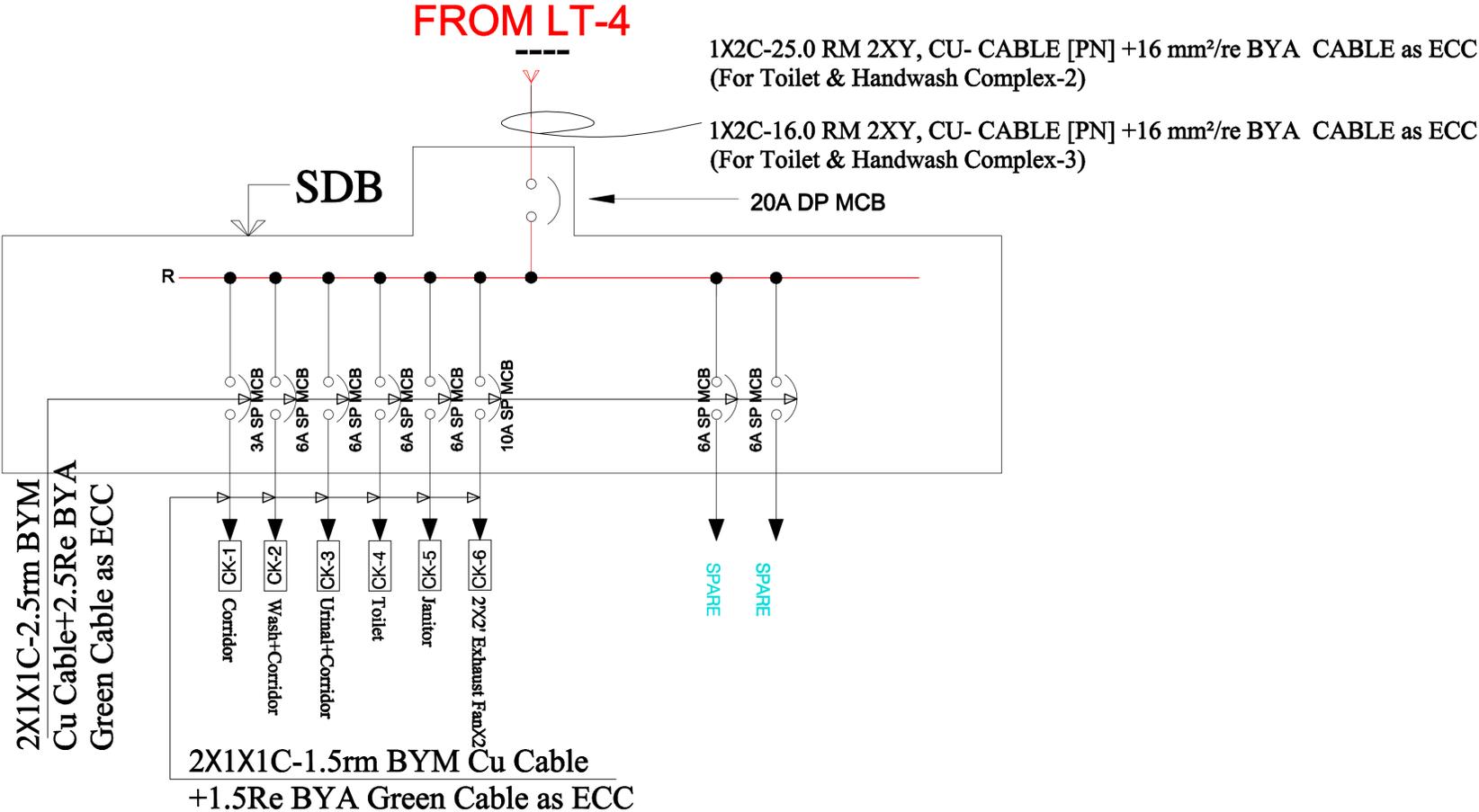
FINANCED:
WORLD BANK

PROJECT TITLE:
 Consultancy Services of Conducting Feasibility Study and Preparation of
 Master Plans & Detailed Design for Development of Benapole, Bhomra and
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CONTENT: **LIST OF DRAWINGS: SUBSTATION SLD**

DRAWING NO: **08: LD-07** SCALE: NOT TO SCALE DATE: 24.11.2024
 REV: 04

TOILET COMPLEX AND HAND WASH

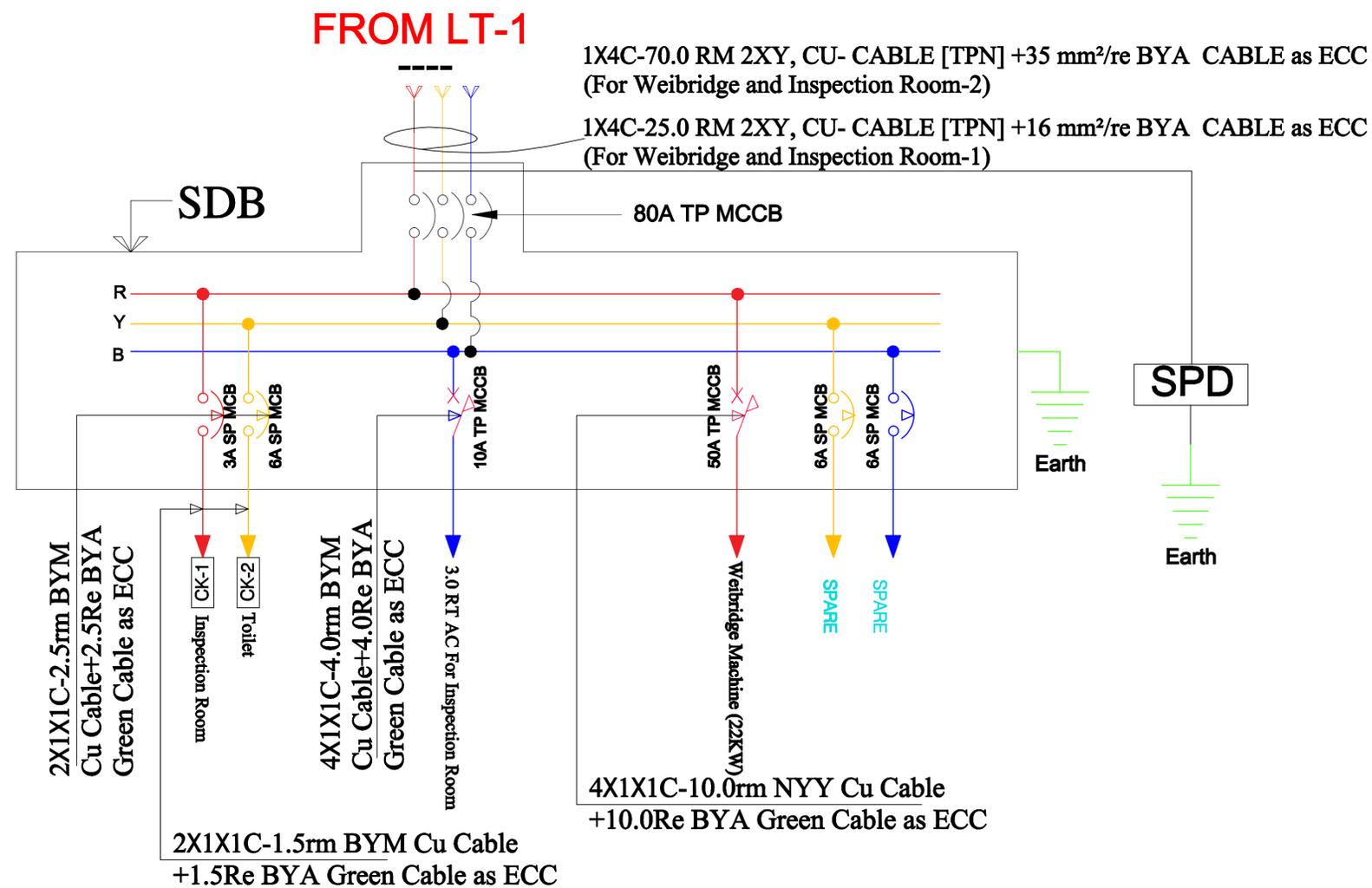


NOTE:
 TOILET & HANDWASH COMPLEX-2 TO LT PANEL-4 DISTANCE=300m
 TOILET & HANDWASH COMPLEX-3 TO LT PANEL-4 DISTANCE=236m

SINGLE LINE DIAGRAM OF TOILET COMPLEX AND HAND WASH

MAKS-BCL JV Level - 12, Padma Life Tower, 115 Kazi Nazrul Islam Avenue, Banglamotor, Dhaka-1000.		
DESIGNED:	NAME	SIGNATURE
CAD DRAFTING:	ENG.MD.FAHIM FERAZ	
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	AHMED SHARIF	
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CONTENT: LIST OF DRAWINGS: SUBSTATION SLD		
DRAWING NO: 08: LD-07	SCALE: NOT TO SCALE	DATE: 24.11.2024
		REV: 04

WEIBRIDGE AND INSPECTION ROOM



NOTE:

WEIBRIDGE AND INSPECTION ROOM-1 TO LT PANEL-5 DISTANCE=79m
 WEIBRIDGE AND INSPECTION ROOM-2 TO LT PANEL-4 DISTANCE=514m

SINGLE LINE DIAGRAM OF WEIBRIDGE AND INSPECTION ROOM

MAKS-BCL JV Level - 12, Padma Life Tower, 115 Kazi Nazrul Islam Avenue, Banglamotor, Dhaka-1000.		
NAME	SIGNATURE	
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CAD DRAFTING:	BIPOB SARKER	
CHECKED BY:	M ALAM (TL)	
	AHMED SHARIF	
PROJECT NO:	BLPA-S16	
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DRAWING NO: 08: LD-08	SCALE: NOT TO SCALE	DATE: 24.11.2024
		REV: 04