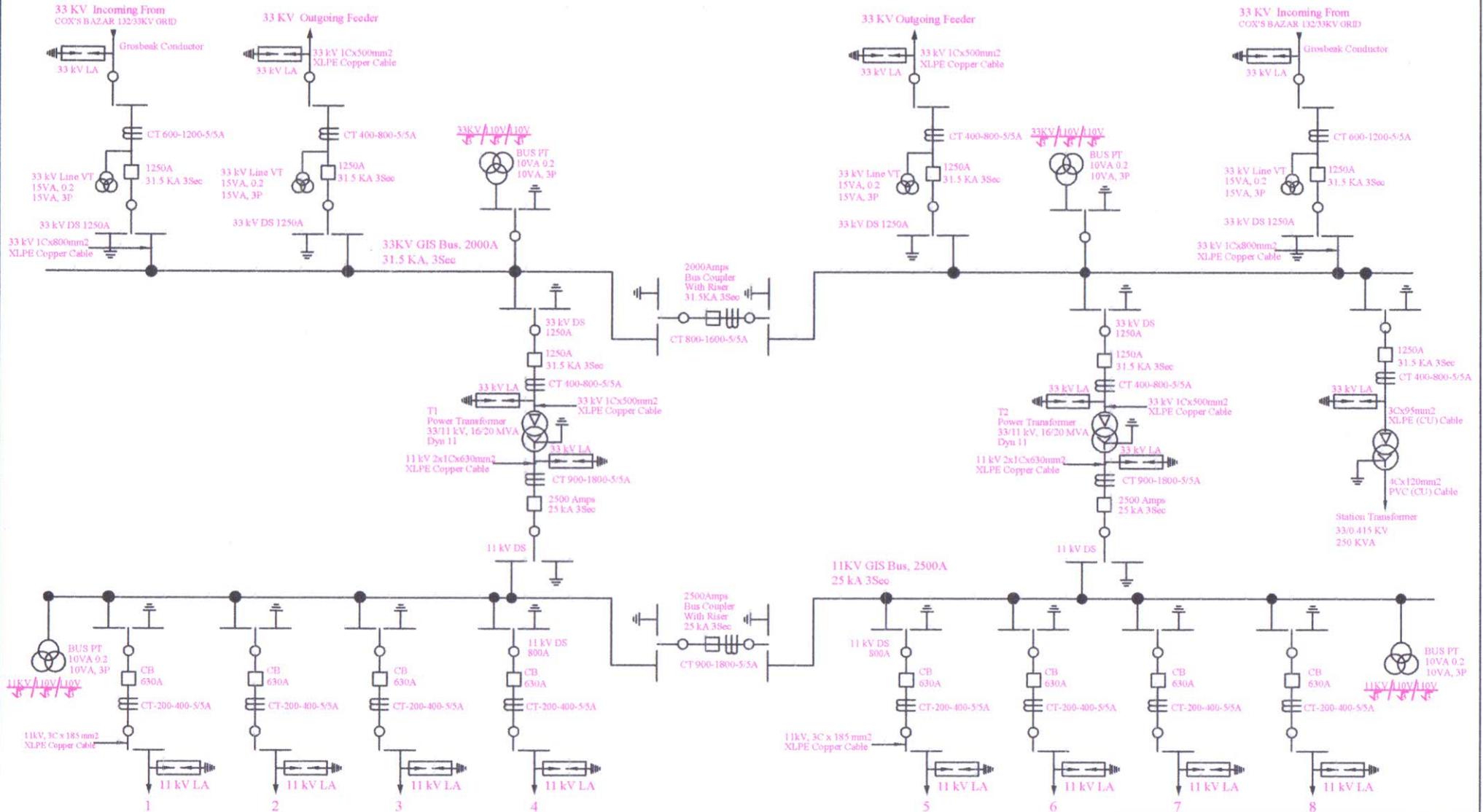


SINGLE LINE DIAGRAM OF PROPOSED HIMCHARI 33/11KV GIS SUBSTATION

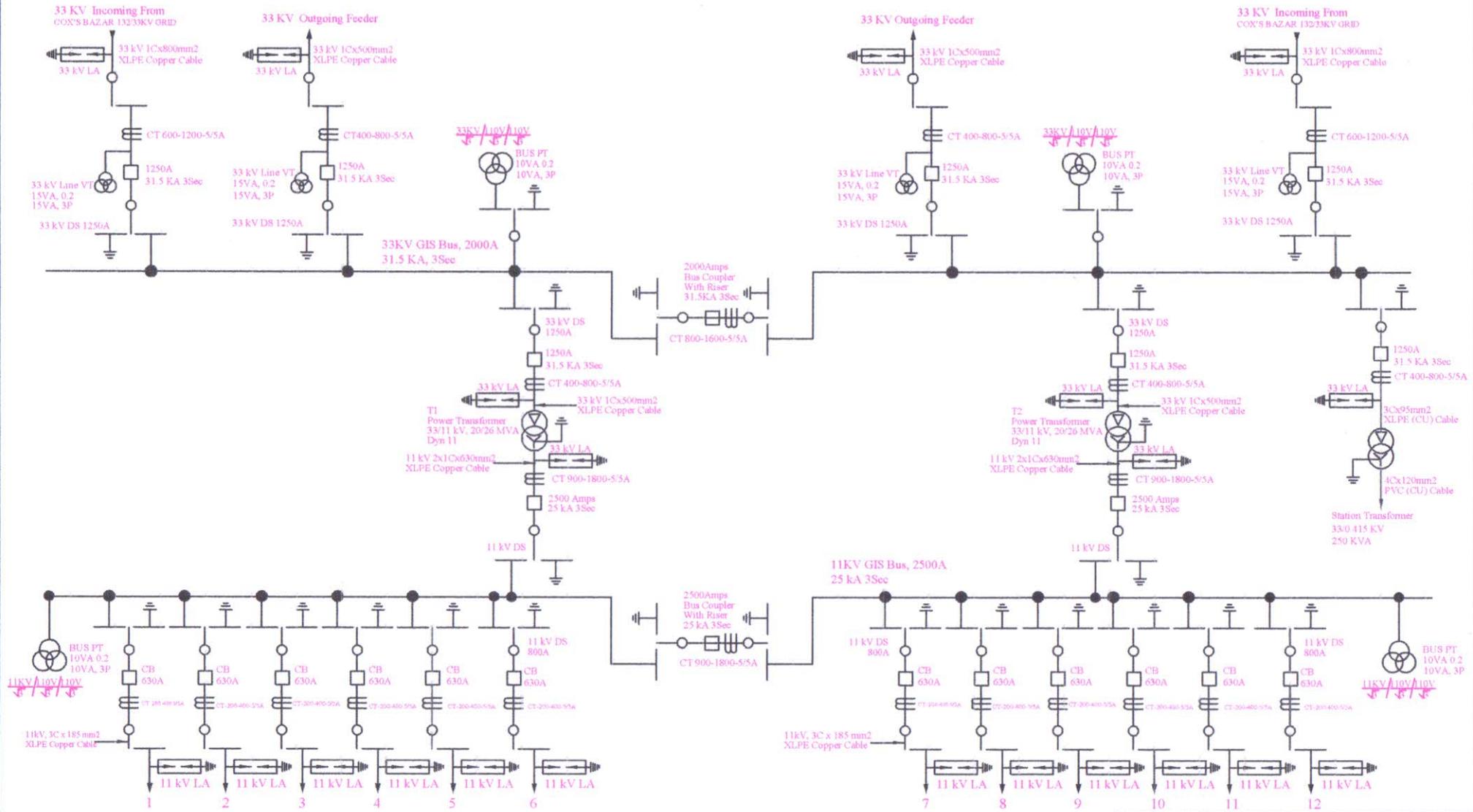


Satyendra Nath Chakraborty
 20.07.22
Engr. Satyendra Nath Chakraborty
 Managing Director & T.L
 Niaz & Associates Ltd.

Project : Power Distribution System Development Project, Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Single Line Diagram of Himchari 2x16/20 MVA GIS Sub-station.	
Consultant : Niaz & Associates Ltd.	
Drawing No : N-25	
Revision : 02	Date: 20.07.2022

Handwritten signatures and initials at the bottom left of the drawing.

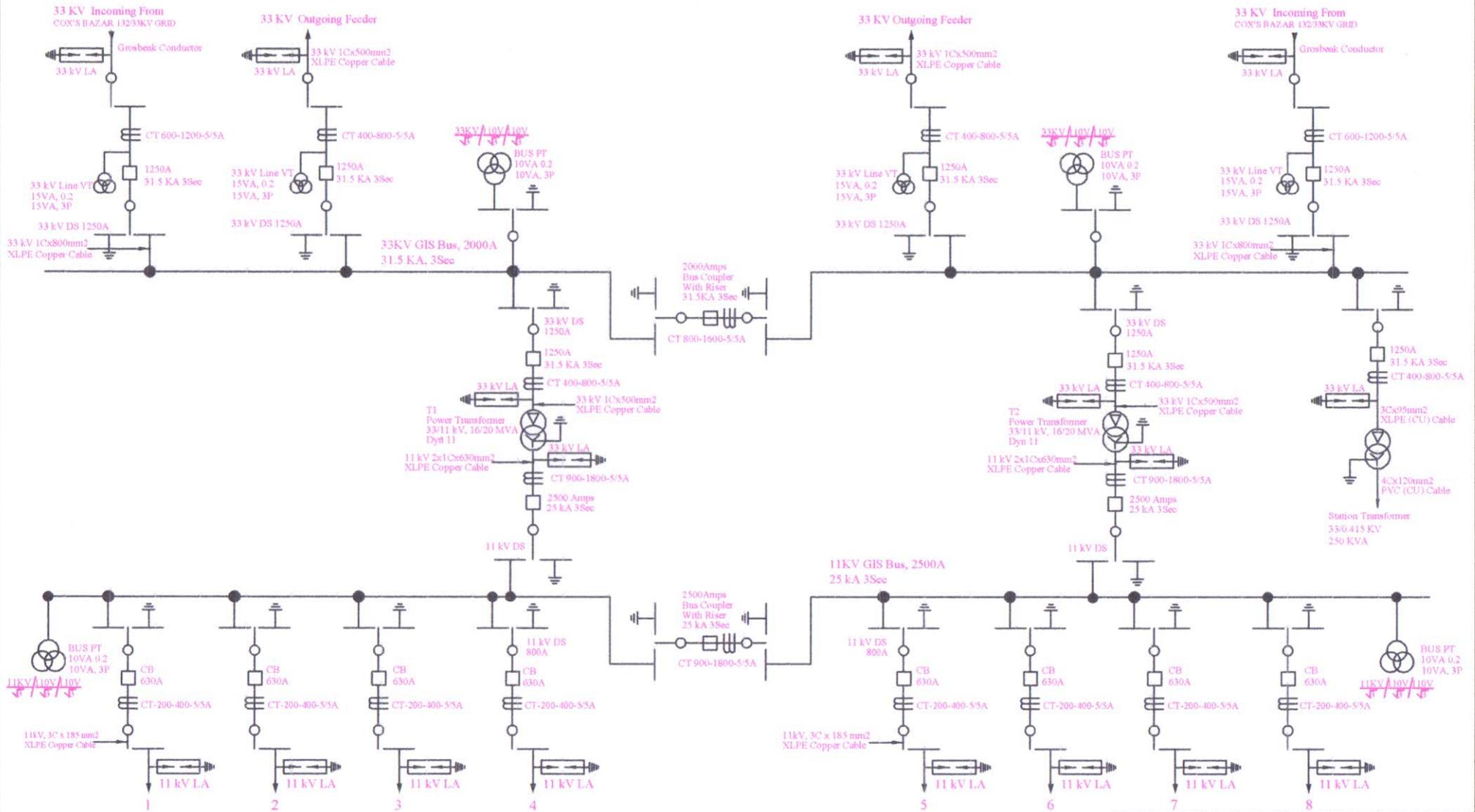
SINGLE LINE DIAGRAM OF PROPOSED COX'S BAZAR NEW 33/11KV GIS SUBSTATION



Satyan
 29.07.22
Engr. Satyendra Nath Chakraborty
 Managing Director & T.L
 Niaz & Associates Ltd.

Project : Power Distribution System Development Project, Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Single Line Diagram of Cox's Bazar New 2x20/26 MVA GIS Sub-station.	
Consultant : Niaz & Associates Ltd.	
Drawing No : N-9	
Revision : 04	Date : 20.07.2022

SINGLE LINE DIAGRAM OF PROPOSED RAMU CANTONMENT 33/11KV GIS SUBSTATION

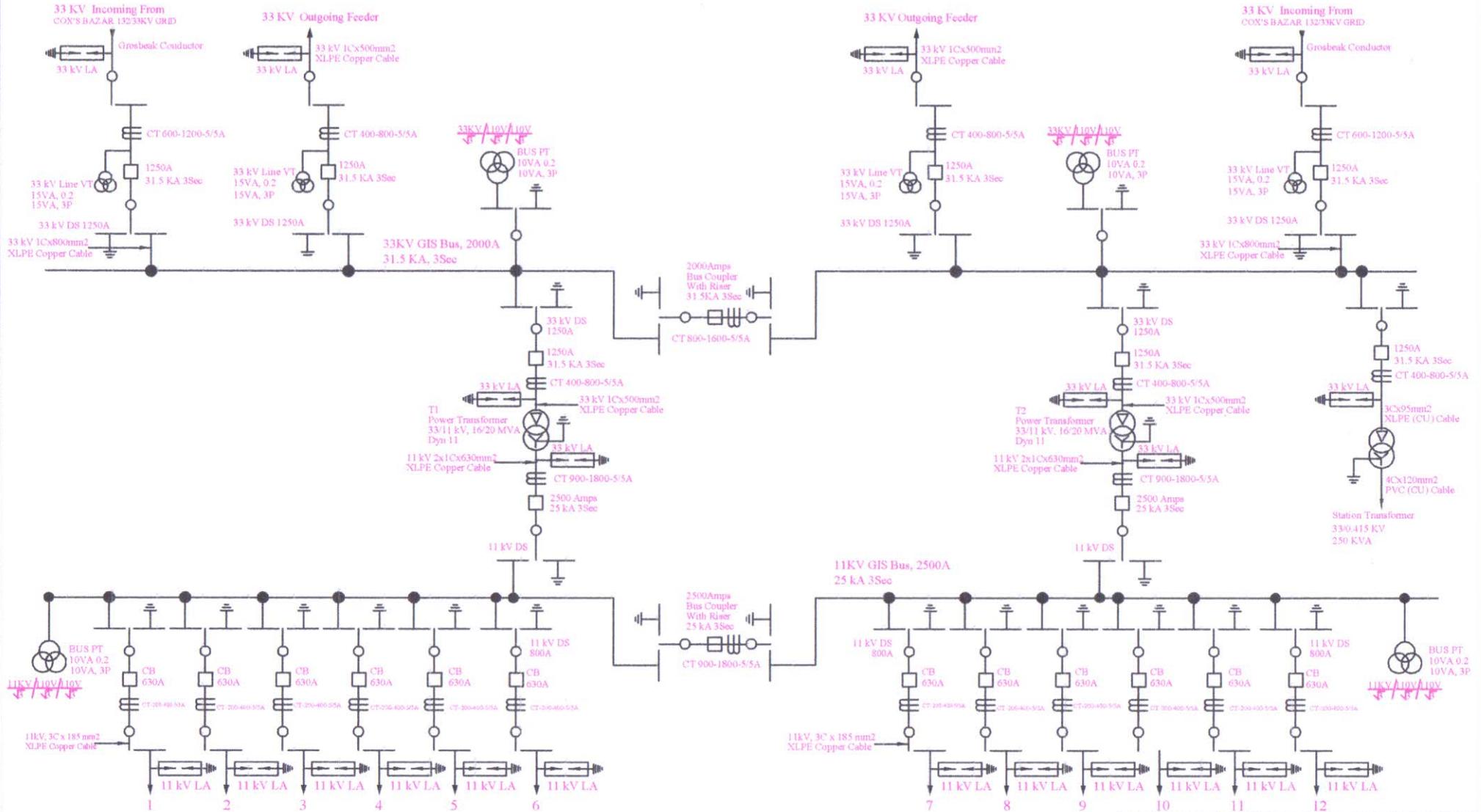


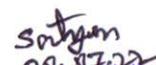

Engr. Satyendra Nath Chakraborty
 Managing Director & T.L
Niaz & Associates Ltd.

Project : Power Distribution System Development Project, Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Single Line Diagram of Ramu Cantonment 2x16/20 MVA GIS Sub-station.	
Consultant : Niaz & Associates Ltd.	
Drawing No : N-24	
Revision : 02	Date : 20.07.2022



SINGLE LINE DIAGRAM OF PROPOSED KERANIHAT 33/11KV GIS SUBSTATION

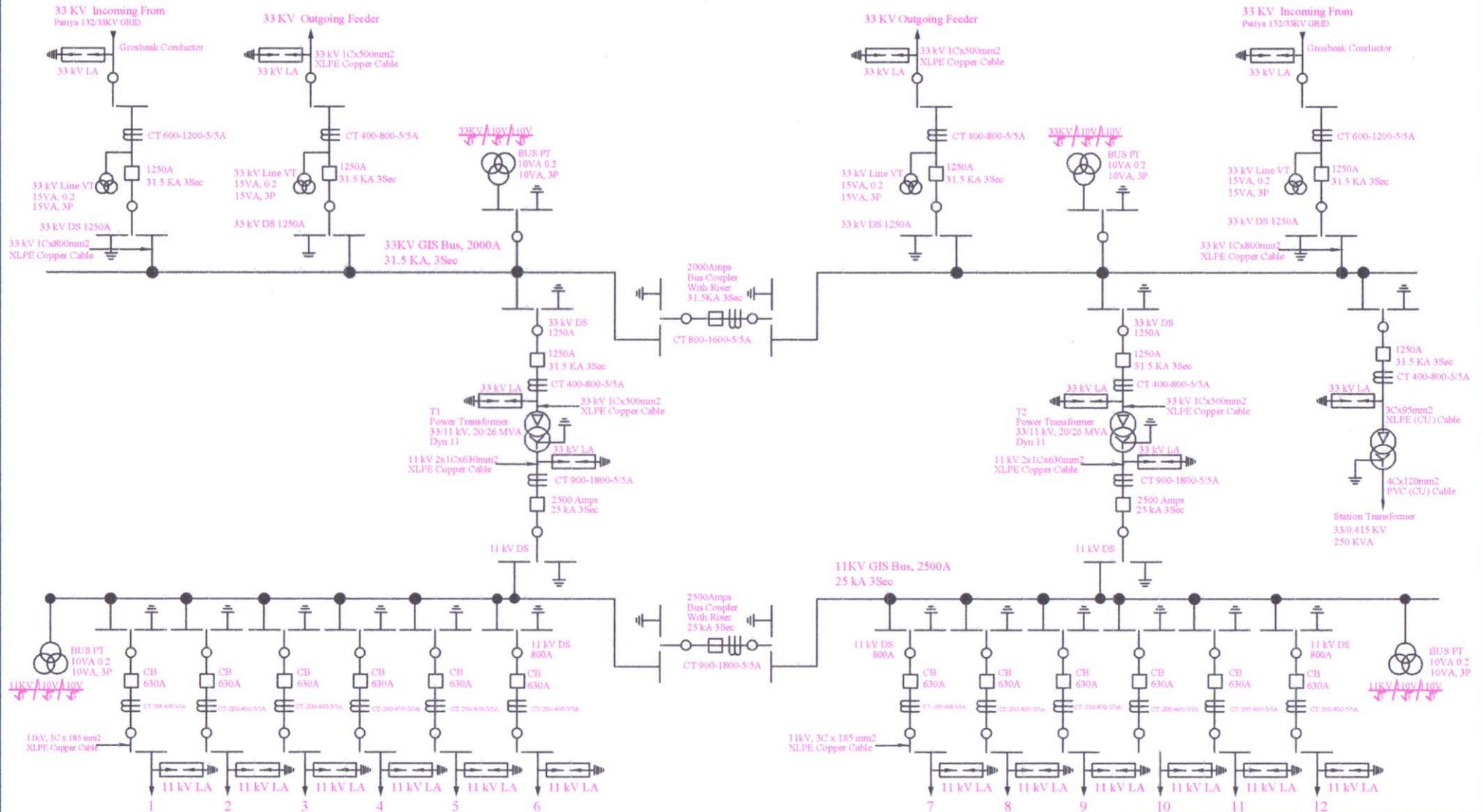


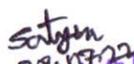

Engr. Satyendra Nath Chakraborty
 Managing Director & T.L
 Niaz & Associates Ltd.

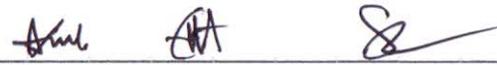


Project : Power Distribution System Development Project, Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Single Line Diagram of Keranihat 2x16/20 MVA GIS Sub-station.	
Consultant : Niaz & Associates Ltd.	
Drawing No : N-23	
Revision : 02	Date: 20.07.2022

SINGLE LINE DIAGRAM OF PROPOSED PATIYA BYPASS NEW 33/11KV GIS SUBSTATION

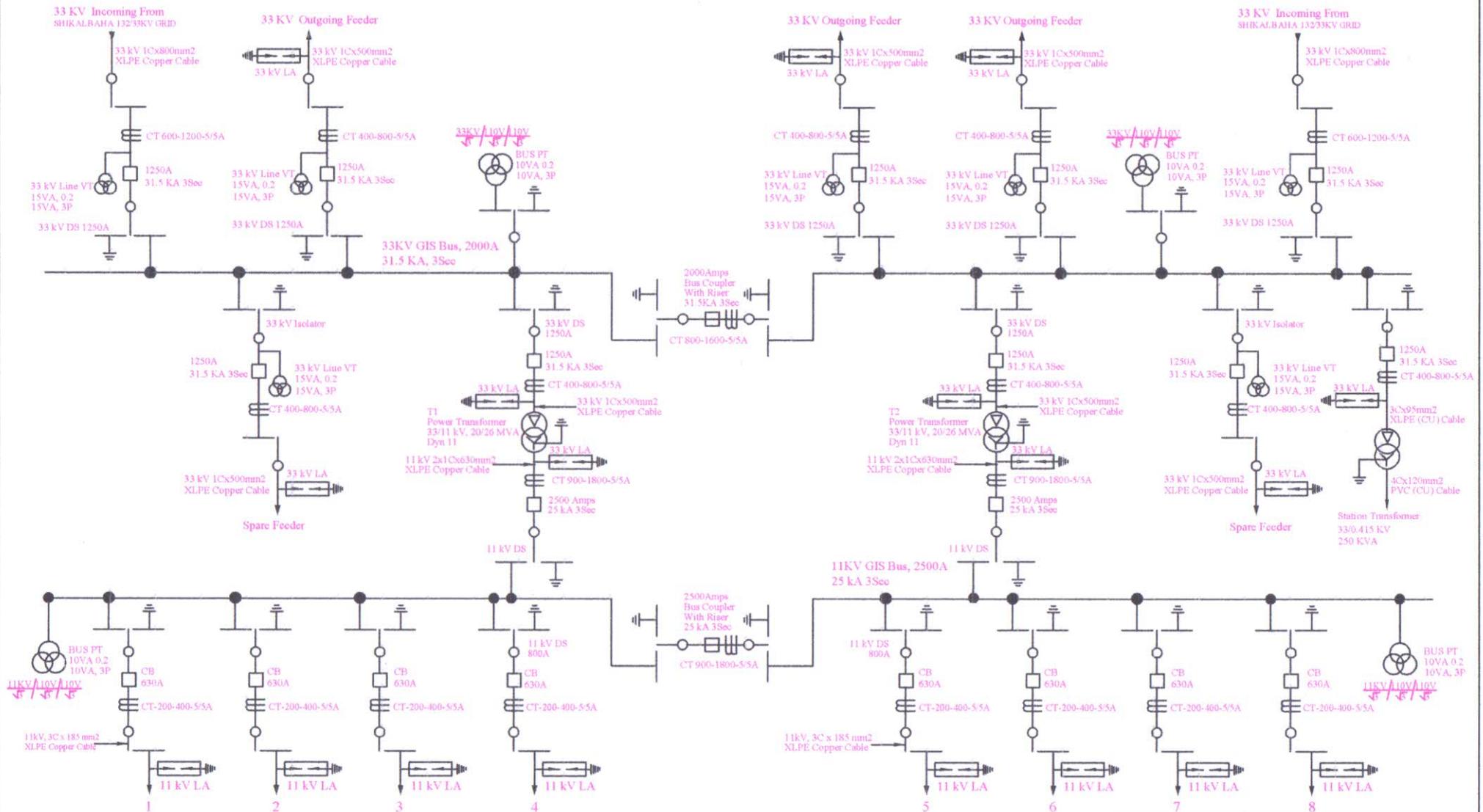



 Engr. Satyendra Nath Chakraborty
 Managing Director & T.L.
 Niaz & Associates Ltd.



Project : Power Distribution System Development Project, Chattoagram Zone (2nd Phase), BPDB, Chattoagram.	
Title : Single Line Diagram of Patiya Bypass 2x20/26 MVA GIS Sub-station.	
Consultant : Niaz & Associates Ltd.	
Drawing No :	
Revision : 01	Date: 20.07.2022

SINGLE LINE DIAGRAM OF PROPOSED SHIKALBAHA NEW 33/11KV GIS SUBSTATION

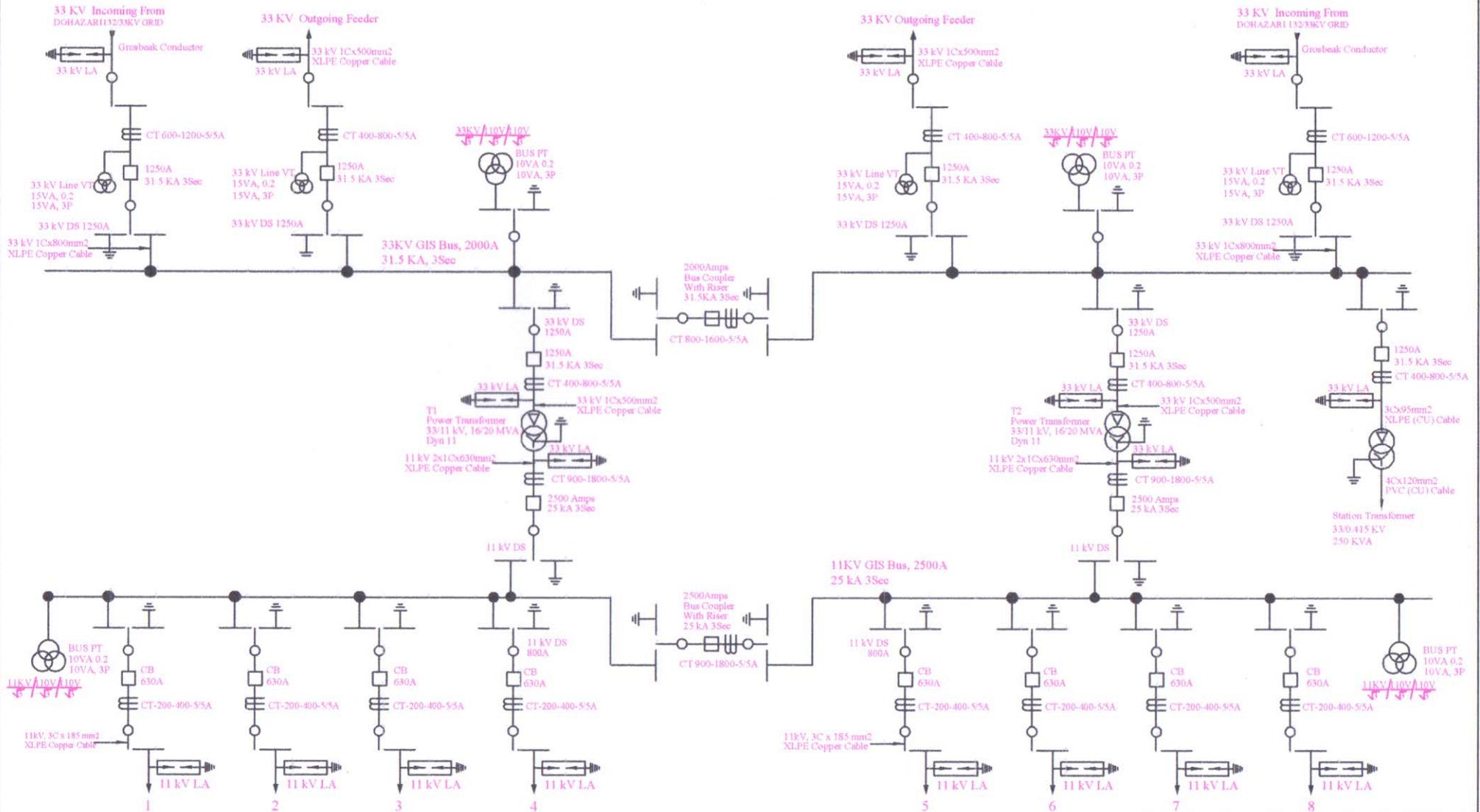



Engr. Satyendra Nath Chakraborty
Managing Director & T.L
Niaz & Associates Ltd.

Project : Power Distribution System Development Project, Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Single Line Diagram of Shikalbaha New 2x20/26 MVA GIS Sub-station.	
Consultant : Niaz & Associates Ltd.	
Drawing No : N-8	
Revision : 05	Date : 20.07.2022



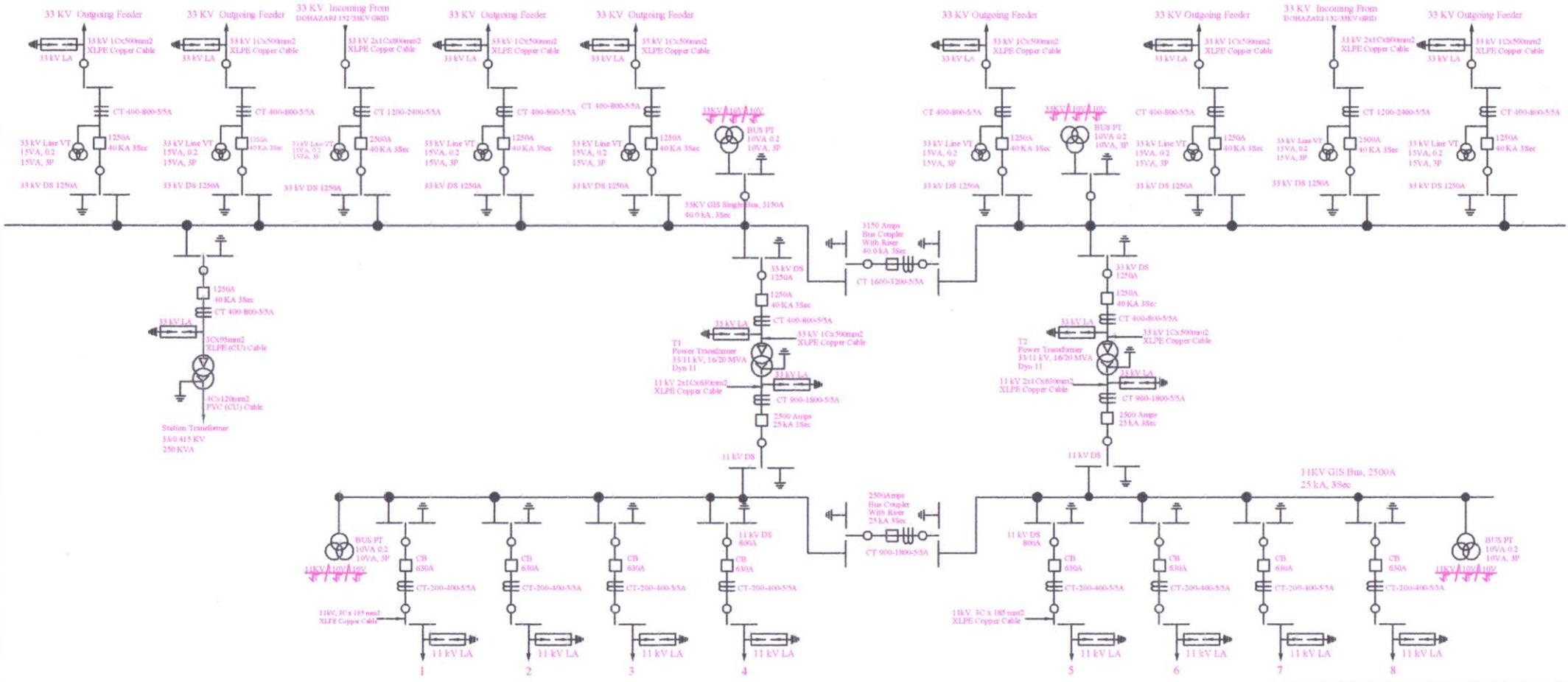
SINGLE LINE DIAGRAM OF UPGRADATION OF SATKANIA 2x5/6.67 MVA to 2x16/20 MVA, 33/11KV GIS SUBSTATION



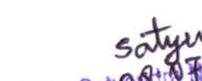

Engr. Satyendra Nam Chakraborty
 Managing Director & T.L
 Niaz & Associates Ltd.

Project : Power Distribution System Development Project, Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Single Line Diagram of Upgradation of Satkania 2x5/6.67 MVA to 2x16/20 MVA GIS Sub-station.	
Consultant : Niaz & Associates Ltd.	
Drawing No : A-5	
Revision : 03	Date: 20.07.2022

SINGLE LINE DIAGRAM OF UPGRADATION OF DOHAZARI 33/11KV GIS SUBSTATION (3150 Amperes Single Bus)

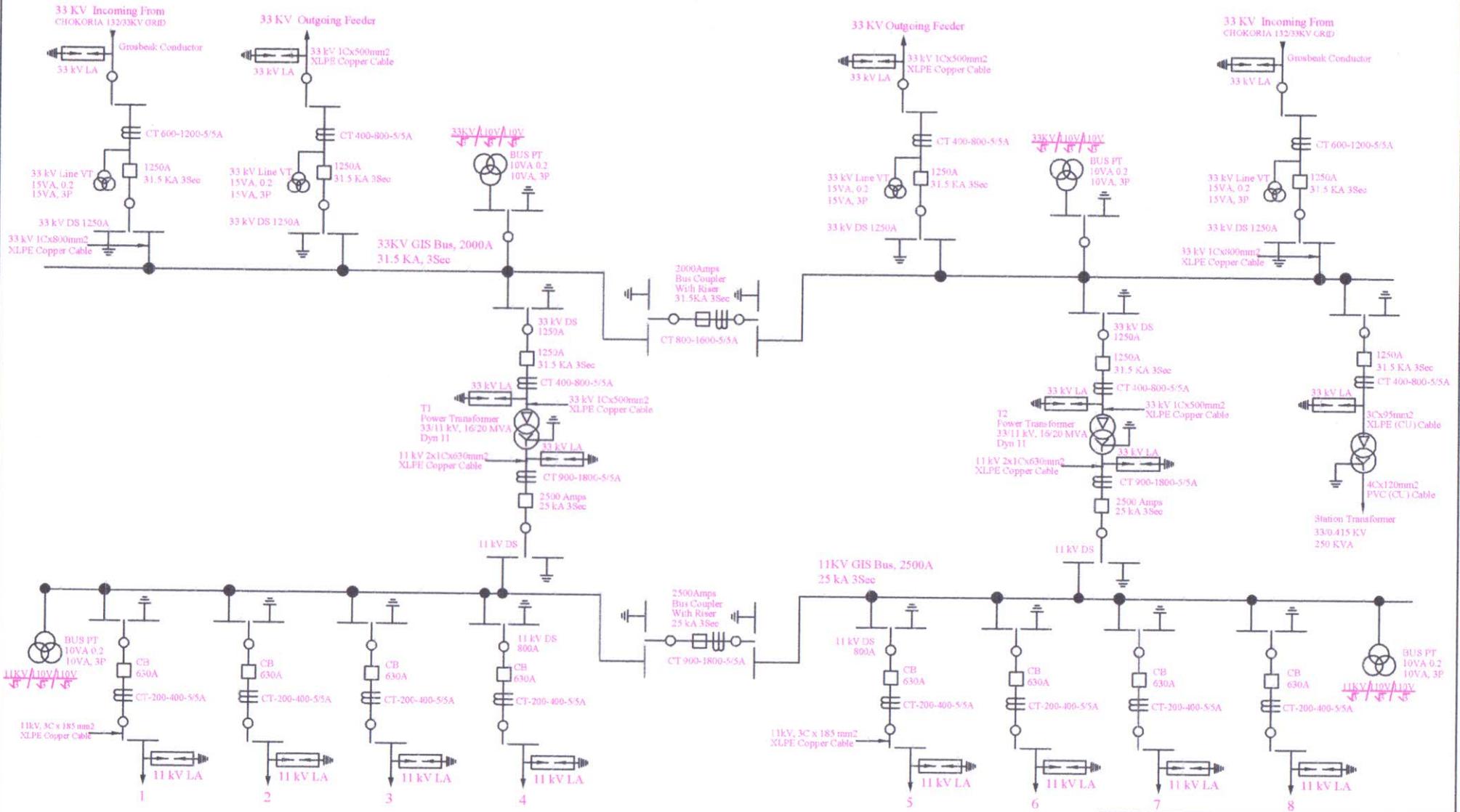


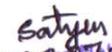




Engr. Satyendra Chakraborty
 Managing Director & T.L
Niaz & Associates Ltd.

Project : Power Distribution System Development Project, Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Single Line Diagram of Upgradation of Dohazari 1x16/20 MVA to 2x16/20 MVA GIS Sub-station.	
Consultant : Niaz & Associates Ltd.	
Drawing No : A-4	
Revision : 03	Date : 20.07.2022

SINGLE LINE DIAGRAM OF UPGRADATION OF LAMA 1x5 MVA to 2x16/20 MVA, 33/11KV GIS SUBSTATION



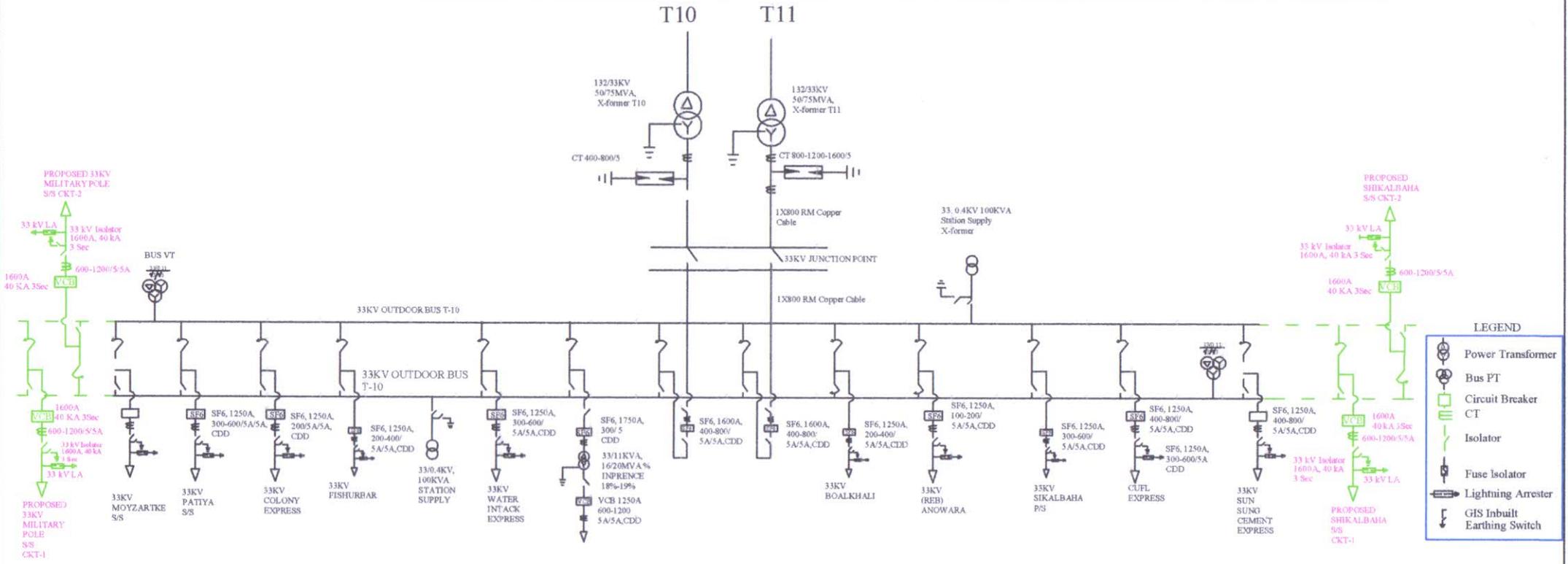

Engr. Satyendra Prasad Chakraborty
Managing Director & T.L
Niaz & Associates Ltd.

Project : Power Distribution System Development Project, Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Single Line Diagram of Upgradation of Lama 1x5 MVA to 2x16/20 MVA GIS Sub-station.	
Consultant : Niaz & Associates Ltd.	
Drawing No : A-7	
Revision : 03	Date : 20.07.2022





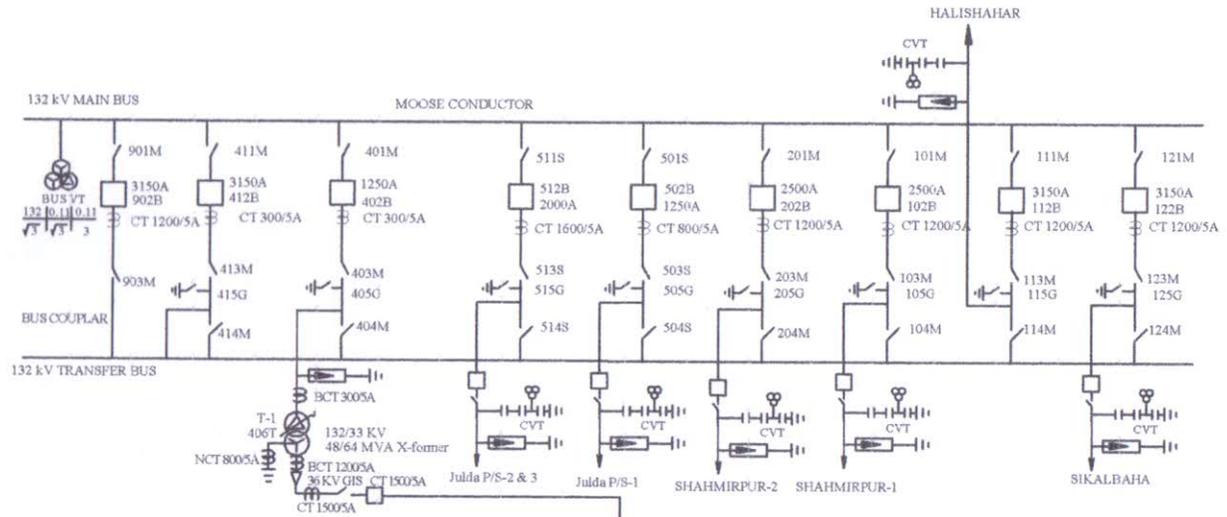
SINGLE LINE DIAGRAM OF BAY EXTENSION UNDER SHIKALBAHA 132/33/11 KV GRID SUB-STATION



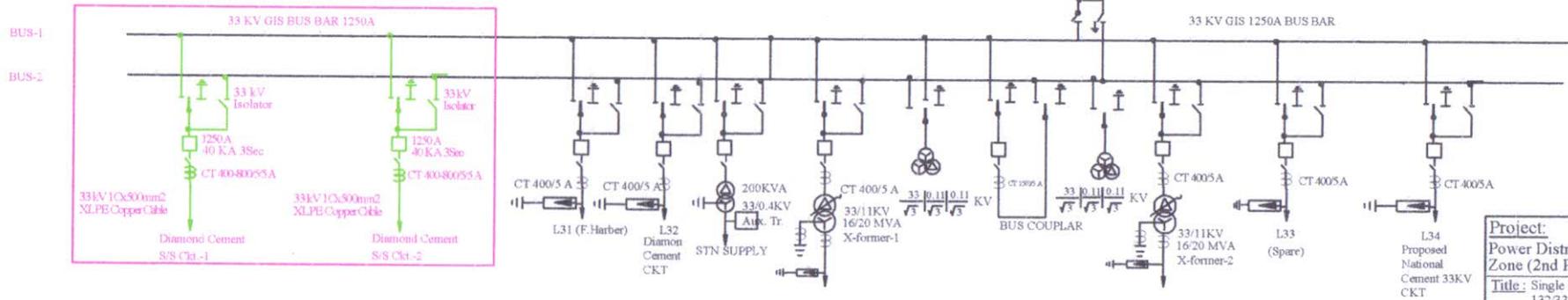
Project:	
Power Distribution System Development Chattogram Zone (2nd Phase), BFDB, Chattogram.	
Title: Single Line Diagram of 33 kV Bay Extension at Shikalbaha 132/33 KV Grid Substation.	
Consultant: Niaz & Associates Ltd	
Drawing No: G-14	
Revision: 02	Date: 20.07.2022

Satyam
 20.07.22
Engr. Satyendra Nath Chakraborty
 Managing Director & T.L
Niaz & Associates Ltd.

SINGLE LINE DIAGRAM OF 33 KV BAY EXTENSION UNDER JULDA 132/33/11 KV GRID SUB-STATION



Proposed Extension

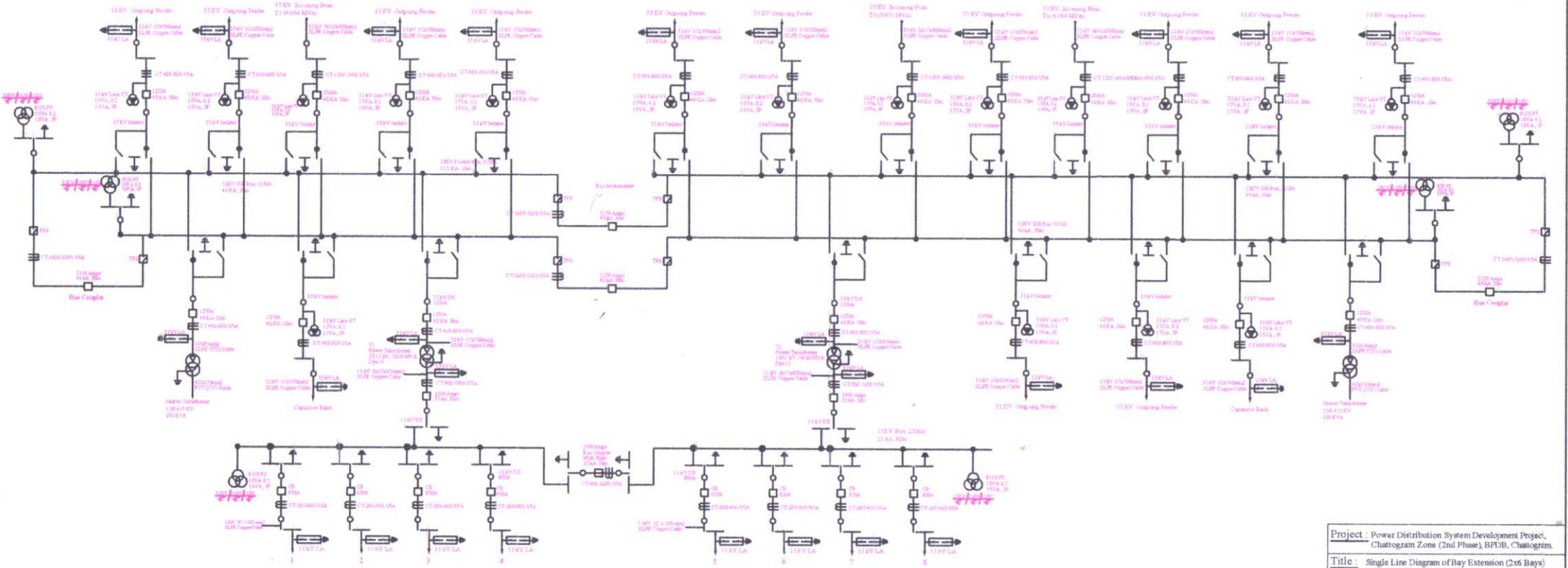


LEGEND	
	Power Transformer
	Bus PT
	Circuit Breaker
	CT
	Isolator
	Fuse Isolator
	Lightning Arrester
	GIS Inbuilt Earthing Switch

Project: Power Distribution System Development Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title: Single Line Diagram of 33 kV Bay Extension at Julda 132/33/11 kV Grid Substation	
Consultant: Niaz & Associates Ltd.	
Drawing No: G-11	
Revision: 03	Date: 20.07.2022

satyendra
 Engr. Satyendra Nath Chakraborty
 Managing Director & T.L
 Niaz & Associates Ltd.

SINGLE LINE DIAGRAM OF 33 KV BAY EXTENSION OF COX'S BAZAR GRID S/S (3150 Ampers Double Bus)



Project : Power Distribution System Development Project, Chattogram Zone (2nd Phase), BPTDB, Chattogram.	
Title : Single Line Diagram of Bay Extension (2x6 Bays) Cox's Bazar 132/33 kV Grid Substation (Double Bus)	
Consultant : Niaz & Associates Ltd.	
Drawing No : G-7	
Revision : 03	Date : 20.07.2022

Indicative drawing.

Satyen
25.08.22

Engr. Satyendra Nath Chakraborty
Managing Director & T.L
Niaz & Associates Ltd.

[Signature]
25.08.2022

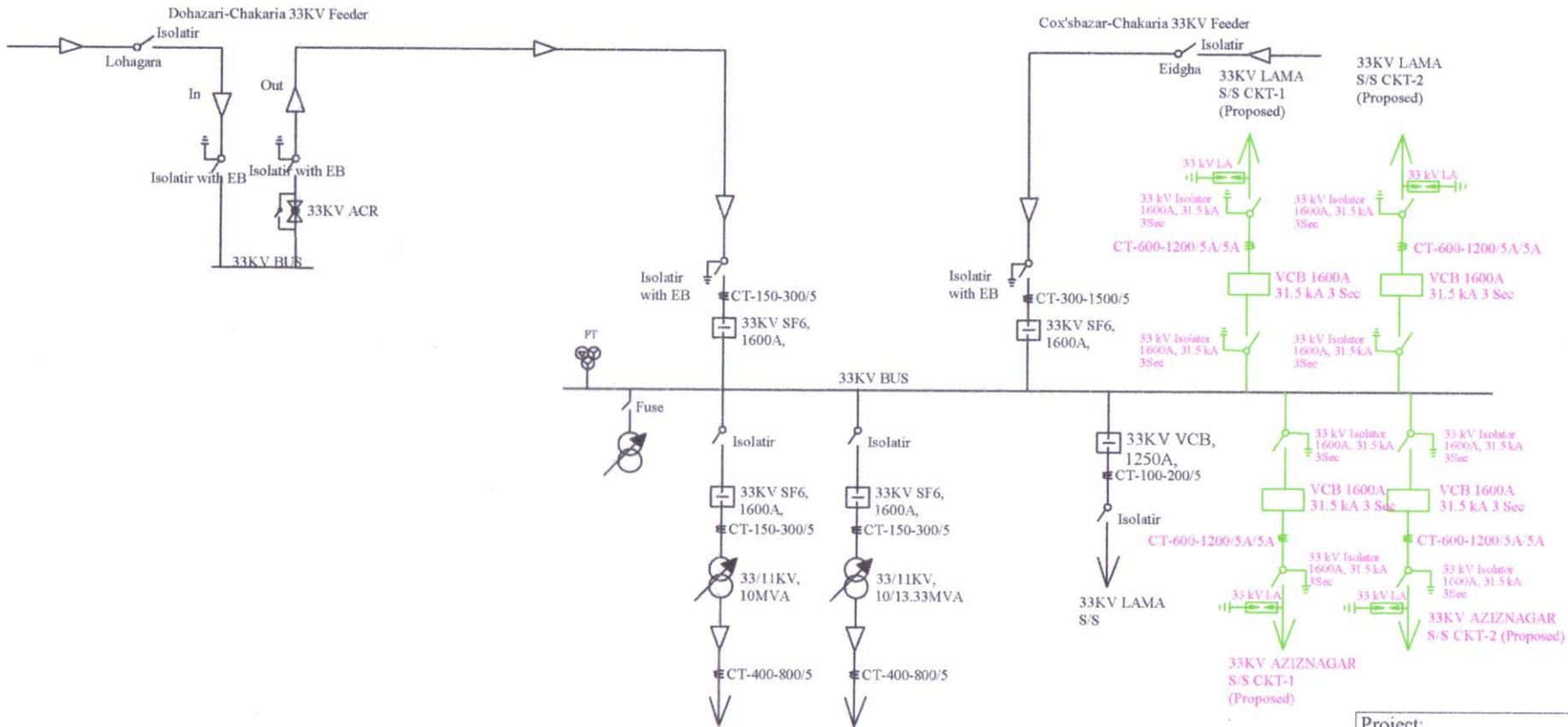
প্রকৌঃ মোঃ এনামুল হক
পরিচিতি নং : ১-০২১৮১
উপ-বিভাগীয় প্রকৌশলী
নস্রা ও পরিদর্শন-২ পরিদপ্তর
বাংলাদেশ বিদ্যুৎ উন্নয়ন বোর্ড, ঢাকা।

[Signature]
25.08.22

Engr. Kamrul Hasan Kafi
ID No-01-1846
Deputy Director (XEN)
Design & Inspection-2
BPDB, Dhaka.

[Signature]
25.08.22

SINGLE LINE DIAGRAM OF BAY EXTENSION UNDER CHAKARIA 33/11 KV SUB-STATION



LEGEND	
	Power Transformer
	Bus PT
	Circuit Breaker
	CT
	Isolator
	Fuse Isolator
	Lightning Arrester
	GIS Inbuilt Earthing Switch

Satyendra
 20.07.22
Engr. Satyendra Nath Chakraborty
 Managing Director & T.L
 Niaz & Associates Ltd

Project:	
Power Distribution System Development Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Single Line Diagram of 33 KV Bay Extension at Chakaria 33/11 KV Substation.	
Consultant : Niaz & Associates Ltd.	
Drawing No: A-8	
Revision : 02	Date: 20.07.2022