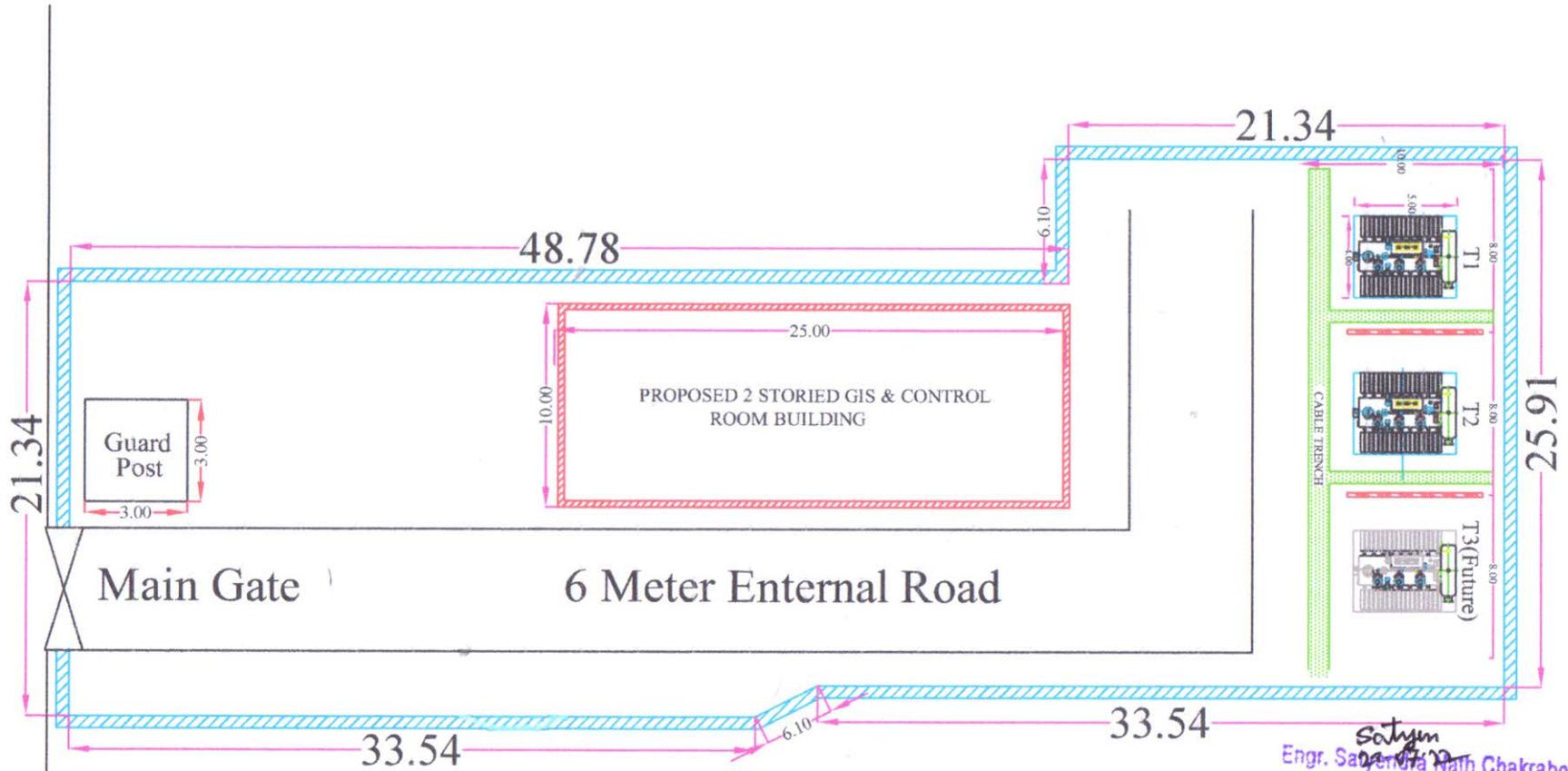


# LAYOUT PLAN OF HIMCHORI 33/11KV GIS SUB-STATION

Transformer Outdoor, Ground Floor  
 (2 Storied GIS & Control Room with 2 storied Foundation)  
 Total Floor Space = 250 sq. m x 2 nos floor.



Kolatoli-Himchari Road



*Satym*  
 Engr. Satendra Nath Chakraborty  
 Managing Director & T.L  
 Niaz & Associates Ltd.

Floor Hight:  
 Ground/ Cable Floor = 10.5 ft  
 Control & GIS Floor = 14.5 ft  
 \* All Dimension in Meter.  
 \* Each Unit of GIS is 0.6 x 2m Max.  
 \* Average Panel Size 1 x 0.8m

LEGEND:  
 Land Area   
 Building Area

Project : Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Layout Plan of Himchori 2x16/20 MVA GIS Sub-station.	
Consultant : Niaz & Associates Ltd.	
Drawing No: N-25	
RIVISION NO : 03	Date: 20.07.2022

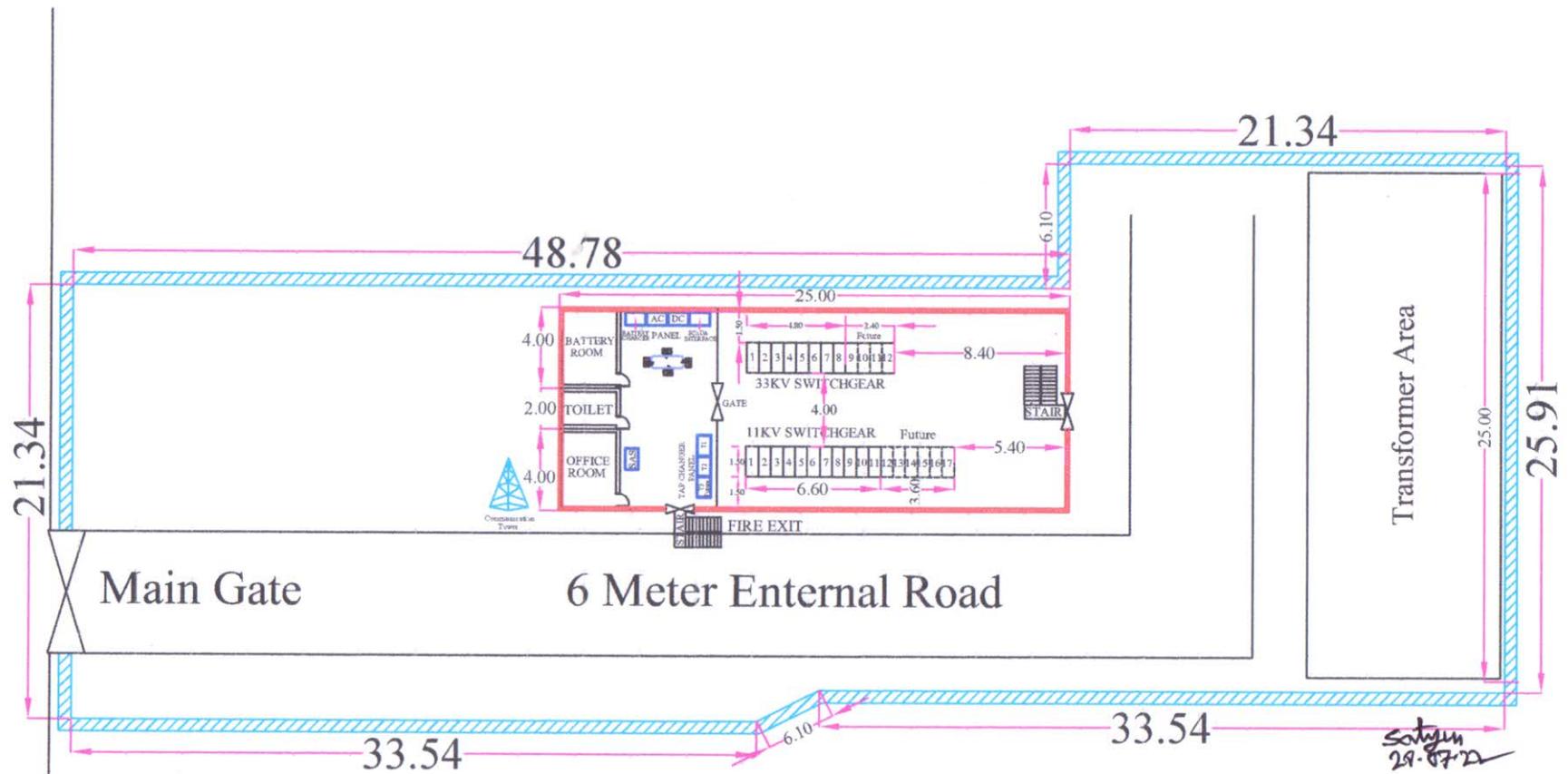
*Handwritten signatures and initials at the bottom left of the drawing.*

LAYOUT PLAN OF HIMCHORI 33/11KV GIS SUB-STATION  
(1st Floor GIS & Control Room)

Sheet No : 02 of 02



Kolatoli-Himchari Road



- Floor Hight:  
 Ground/ Cable Floor = 10.5 ft  
 Control & GIS Floor = 14.5 ft  
 \* All Dimension in Meter.  
 \* Each Unit of GIS is 0.6 x 2m Max.  
 \* Average Panel Size 1 x 0.8m

LEGEND:

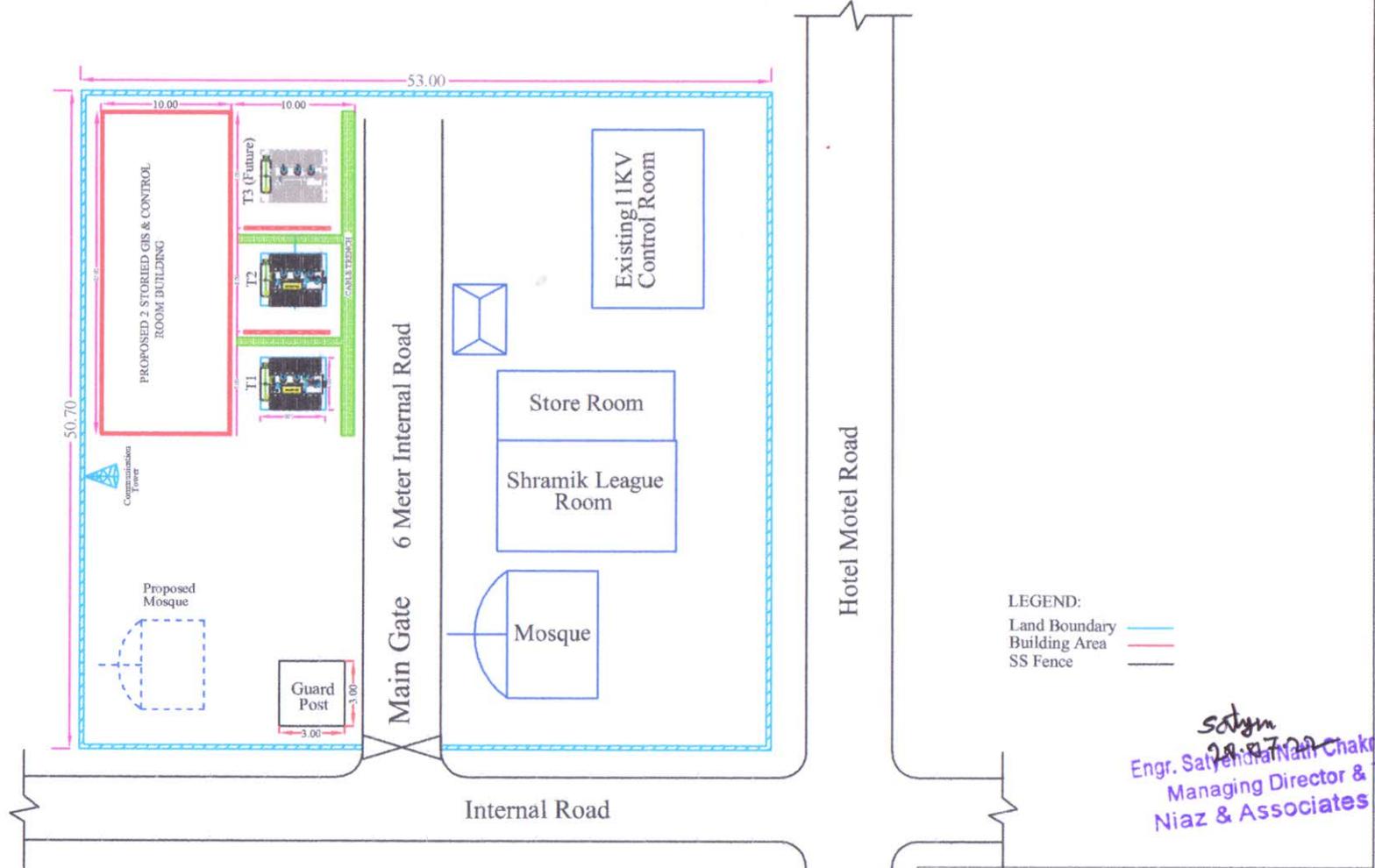
- Land Area   
 Building Area 

Project : Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Layout Plan of Himchori 2x16/20 MVA GIS Sub-station.	
Consultant : Niaz & Associates Ltd.	
Drawing No: N-25	
RIVISION NO : 03	Date: 20.07.2022

*Handwritten signature and initials*

# LAYOUT PLAN OF COX'S BAZAR NEW 33/11kV GIS SUBSTATION

Transformer Outdoor, Ground Floor  
 (2 Storied GIS & Control Room with 2 storied Foundation)  
 Total Floor Space = 250 sq. m x 2 nos floor.



Floor Height:  
 Ground/ Cable Floor = 10.5 ft  
 Control & GIS Floor = 14.5 ft  
 \* All Dimension in Meter.  
 \* Each Unit of GIS is 0.6 x 2m Max.  
 \* Average Panel Size 1 x 0.8m

BPDB OFFICE BUILDING

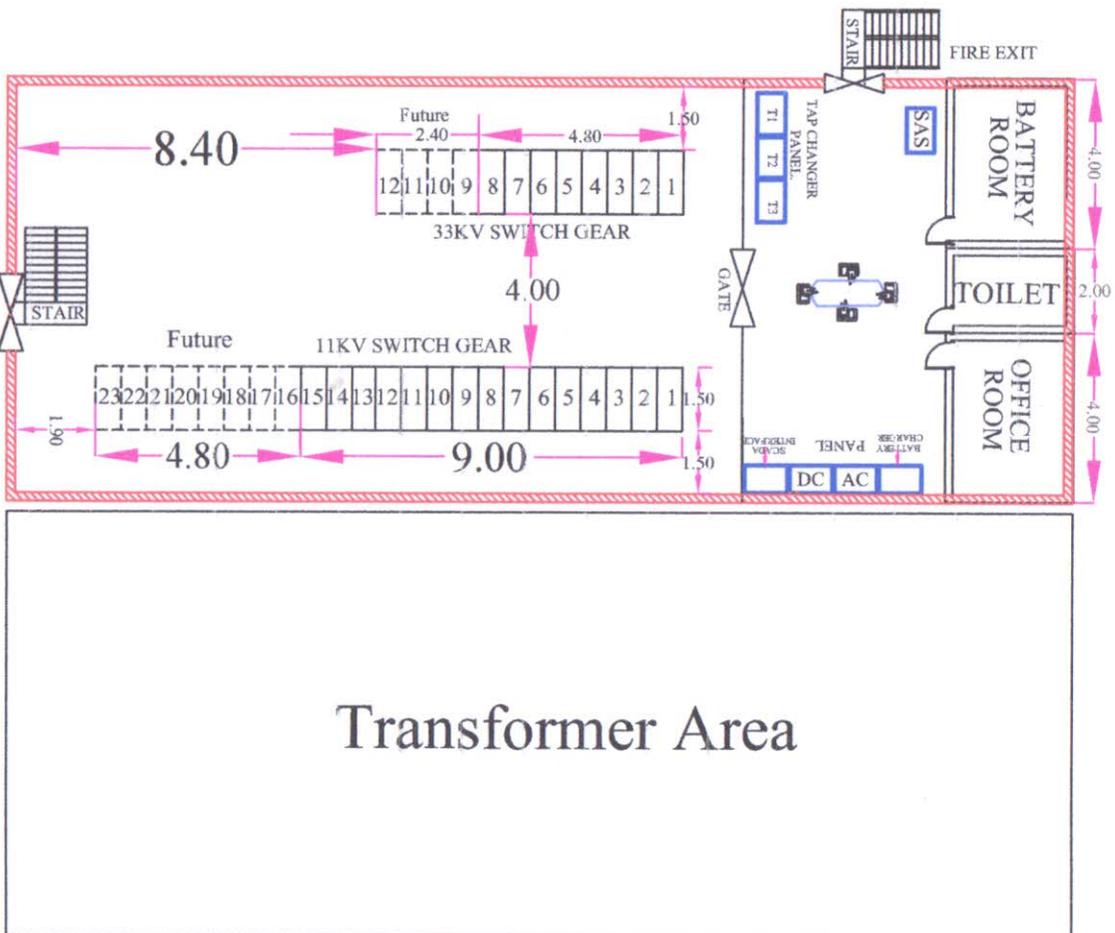
LEGEND:  
 Land Boundary ———  
 Building Area ———  
 SS Fence ———

*Satym*  
 28.07.2022  
 Engr. Satyendra Nath Chakraborty  
 Managing Director & T.L  
 Niaz & Associates Ltd.

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

*[Handwritten signatures]*

LAYOUT PLAN OF COX'S BAZAR NEW 33/11KV GIS SUB-STATION  
(1st Floor GIS & Control Room)



LEGEND:  
Land Boundary  
Building Area

- Floor Height:
- Ground/ Cable Floor = 10.5 ft
- Control & GIS Floor = 14.5 ft
- \* All Dimension in Meter.
- \* Each Unit of GIS is 0.6 x 2m Max.
- \* Average Panel Size 1 x 0.8m

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

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

*Satya*  
28/07/22

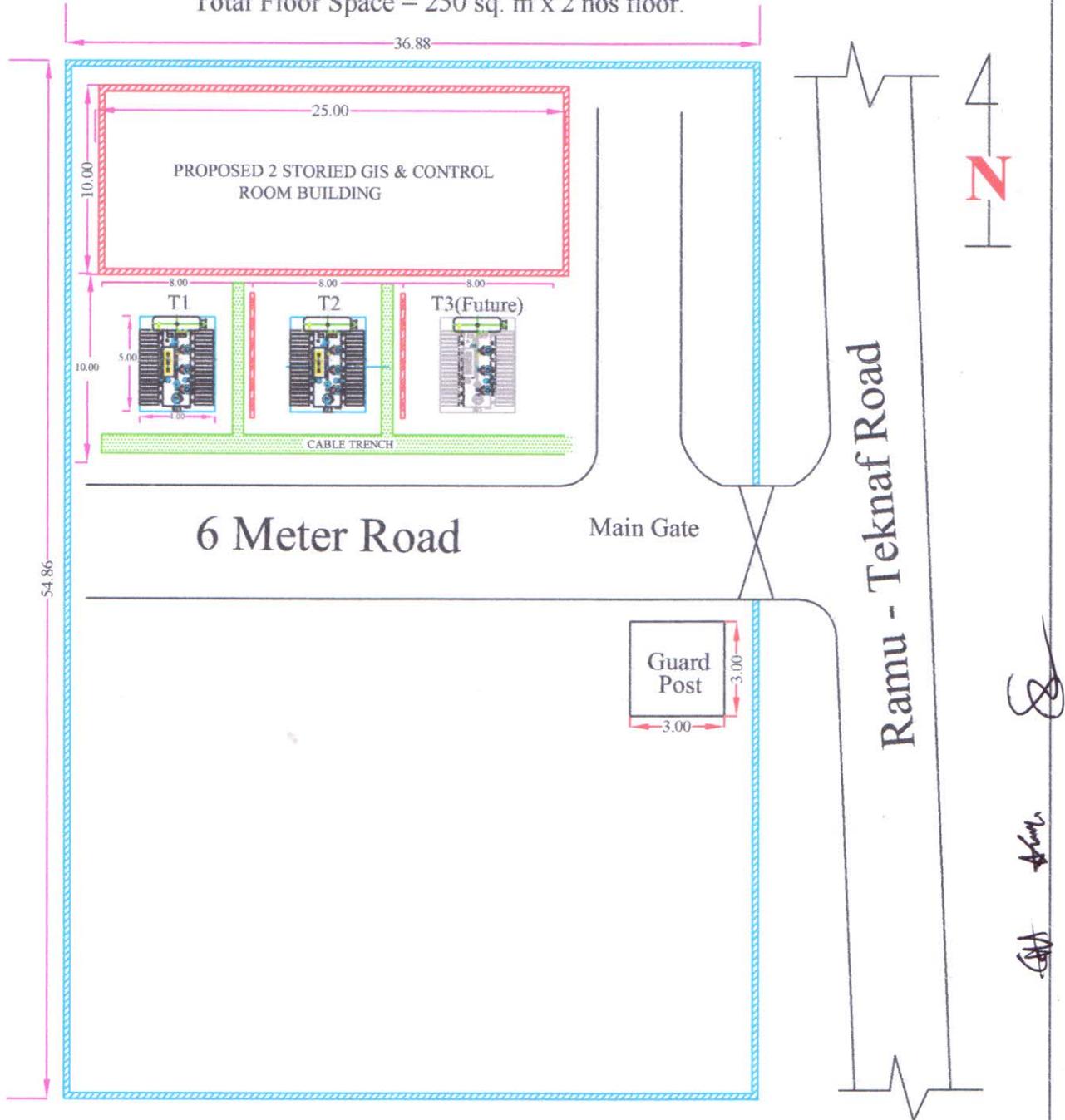
# LAYOUT PLAN OF RAMU CANTONMENT 33/11KV GIS SUB-STATION

Transformer Outdoor, Ground Floor

Sheet No : 01 of 02

(2 Storied GIS & Control Room with 2 storied Foundation)

Total Floor Space = 250 sq. m x 2 nos floor.



Floor Hight:

Ground/ Cable Floor = 10.5 ft  
Control & GIS Floor = 14.5 ft

- \* All Dimension in Meter.
- \* Each Unit of GIS is 0.6 x 2m Max.
- \* Average Panel Size 1 x 0.8m

LEGEND:

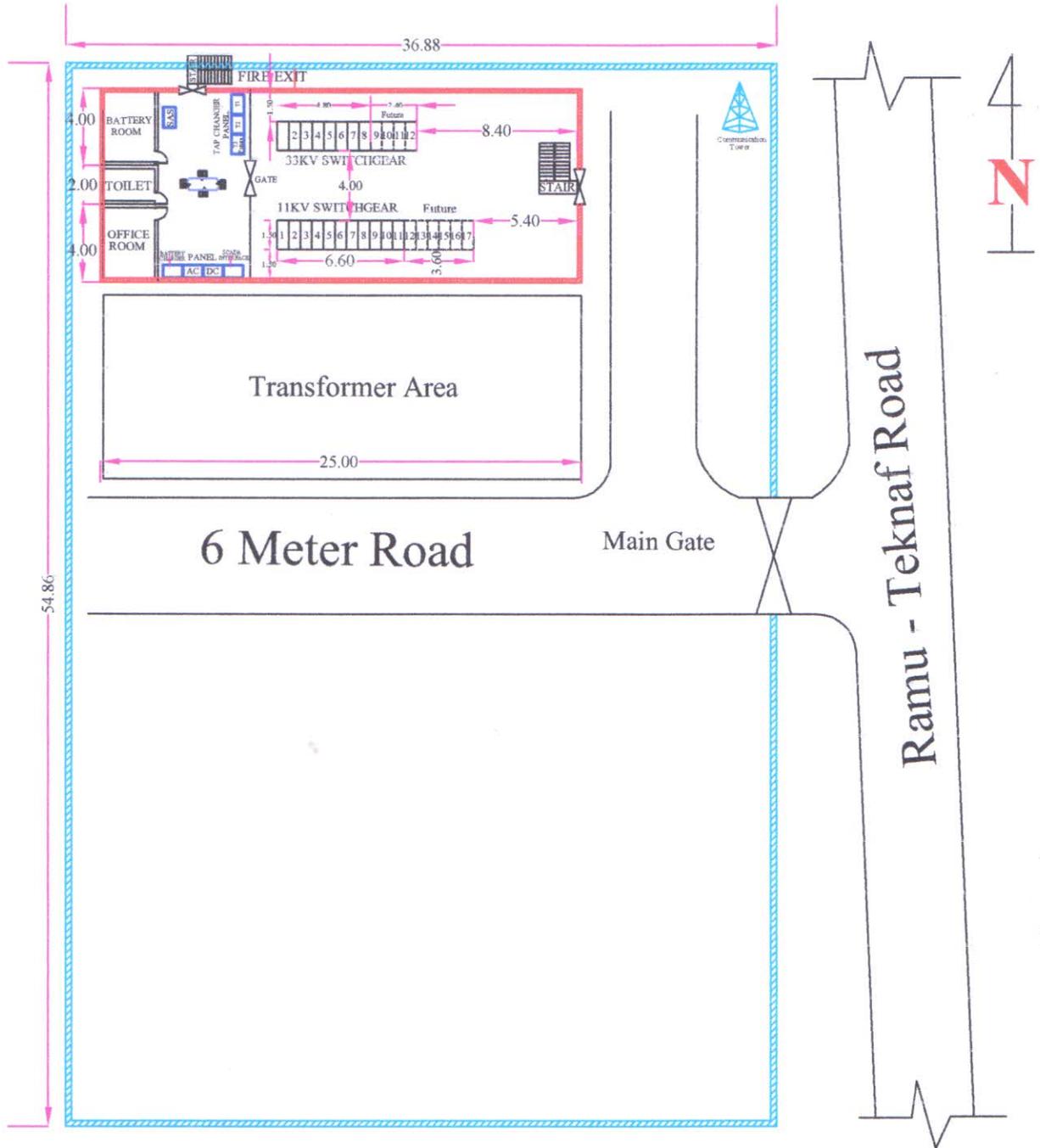
Land Area   
Building Area

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

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

# LAYOUT PLAN OF RAMU CANTONMENT 33/11KV GIS SUB-STATION (1st Floor GIS & Control Room)

Sheet No : 02 of 02



Floor Height:  
 Ground/ Cable Floor = 10.5 ft  
 Control & GIS Floor = 14.5 ft  
 \* All Dimension in Meter.  
 \* Each Unit of GIS is 0.6 x 2m Max.  
 \* Average Panel Size 1 x 0.8m

LEGEND:  
 Land Area   
 Building Area 

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

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

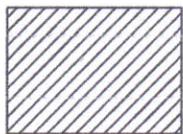
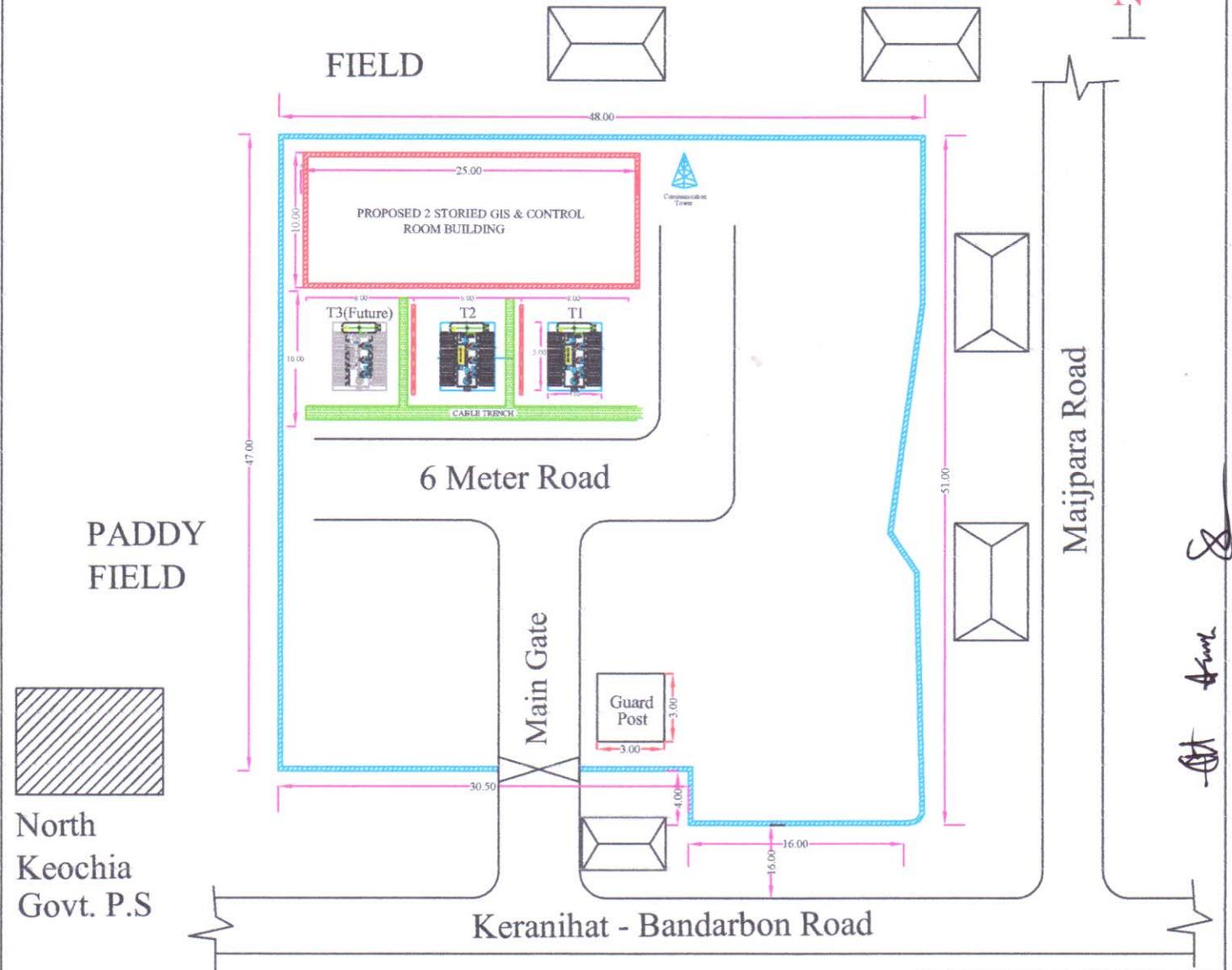
# LAYOUT PLAN OF KERANIHAT 33/11KV GIS SUB-STATION

Transformer Outdoor, Ground Floor

(2 Storied GIS & Control Room with 2 storied Foundation)

Total Floor Space = 250 sq. m x 2 nos floor.

Sheet No : 01 of 02



North  
Keochia  
Govt. P.S

- Floor Hight:
- Ground/ Cable Floor = 10.5 ft
- Control & GIS Floor = 14.5 ft
- \* All Dimension in Meter.
- \* Each Unit of GIS is 0.6 x 2m Max.
- \* Average Panel Size 1 x 0.8m

LEGEND:  
Land Area   
Building Area

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

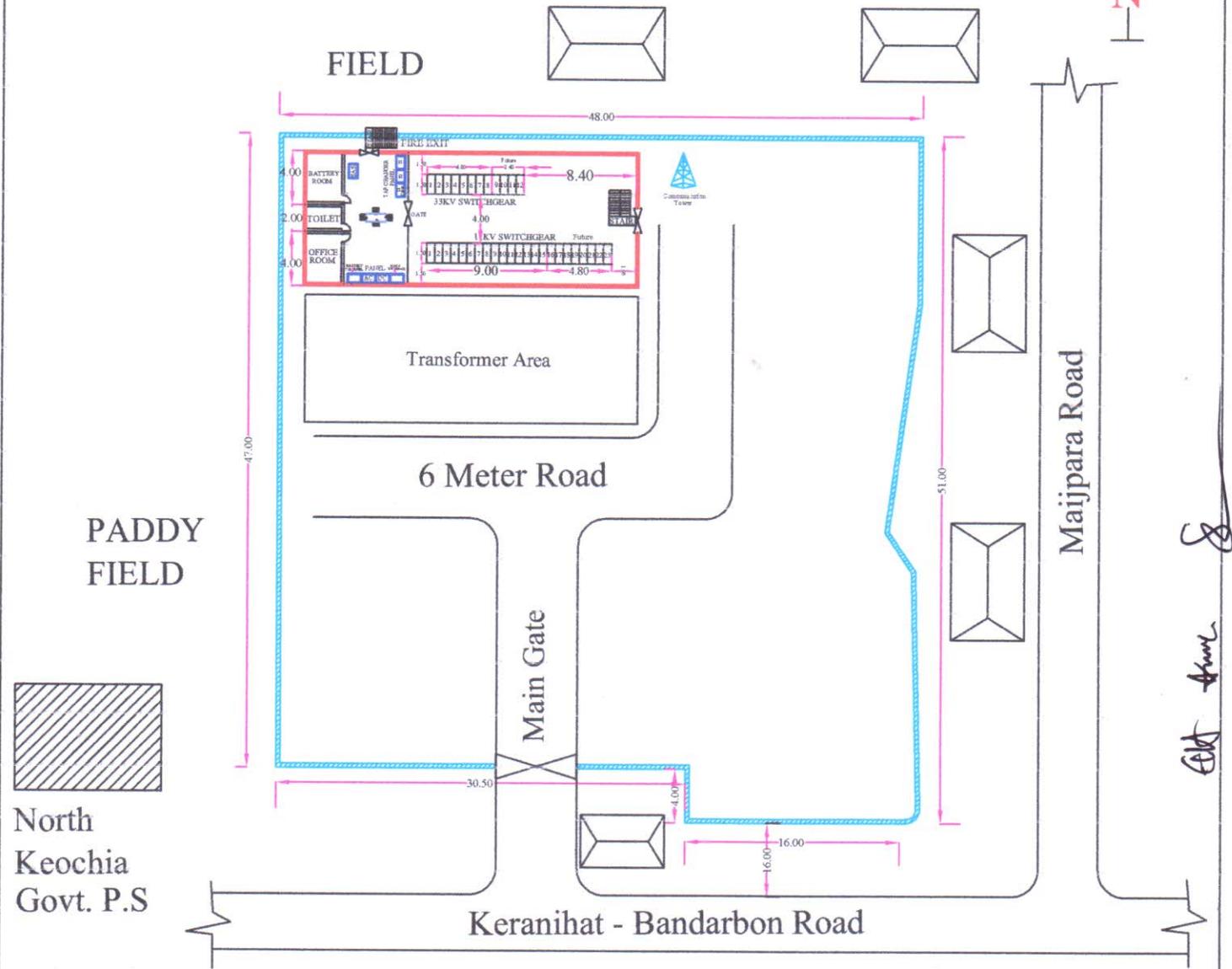
*Satyendra Nath Chakraborty*  
20.07.22

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

# LAYOUT PLAN OF KERANIHAT 33/11KV GIS SUB-STATION

(1st Floor GIS & Control Room)

Sheet No: 02 of 02



Floor Hight:  
 Ground/ Cable Floor = 10.5 ft  
 Control & GIS Floor = 14.5 ft  
 \* All Dimension in Meter.  
 \* Each Unit of GIS is 0.6 x 2m Max.  
 \* Average Panel Size 1 x 0.8m

LEGEND:  
 Land Area ———  
 Building Area ———

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

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

**LAYOUT PLAN OF PATIYA BYPASS 33/11KV GIS SUB-STATION**

Transformer Outdoor, Ground Floor  
 (2 Storied GIS & Control Room with 2 storied Foundation)  
 Total Floor Space = 250 sq. m x 2 nos floor.

Sheet No : 01 of 02



Floor Height:  
 Ground/ Cable Floor = 10.5 ft  
 Control & GIS Floor = 14.5 ft  
 \* All Dimension in Meter.  
 \* Each Unit of GIS is 0.6 x 2m Max.  
 \* Average Panel Size 1 x 0.8m

**LEGEND:**

Land Area ———  
 Building Area ———

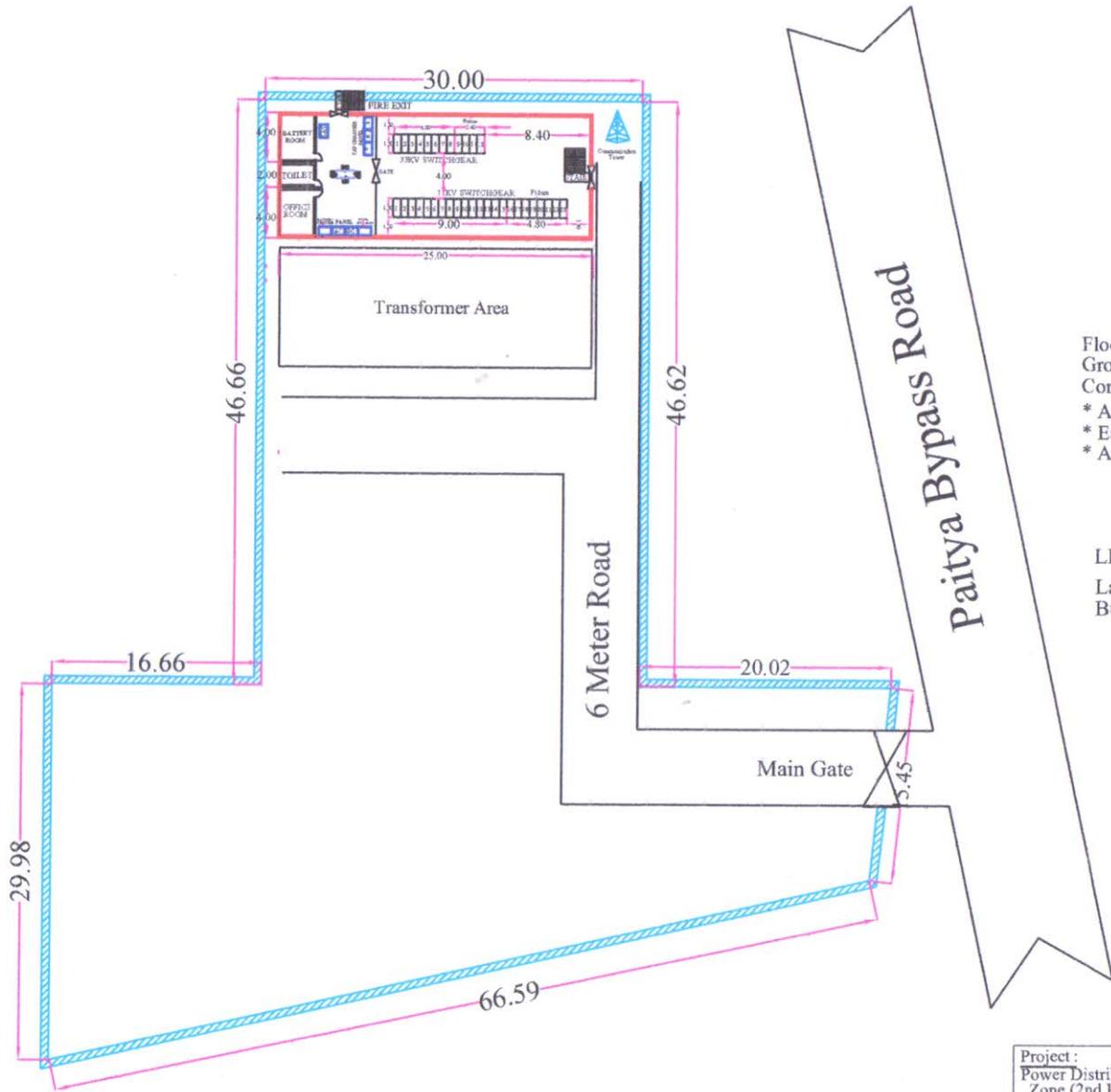
Project : Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Layout Plan of Potiya Bypass 2x20/26 MVA GIS Sub-station.	
Consultant : Niaz & Associates Ltd.	
Drawing No:	
RIVISION NO : 01	Date: 20.07.2022

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

LAYOUT PLAN OF PATIYA BYPASS 33/11KV GIS SUB-STATION

Sheet No : 02 of 02

(1st Floor GIS & Control Room)



Floor Height:  
 Ground/ Cable Floor = 10.5 ft  
 Control & GIS Floor = 14.5 ft  
 \* All Dimension in Meter.  
 \* Each Unit of GIS is 0.6 x 2m Max.  
 \* Average Panel Size 1 x 0.8m

LEGEND:

Land Area   
 Building Area

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

*Am* *JA* *8*

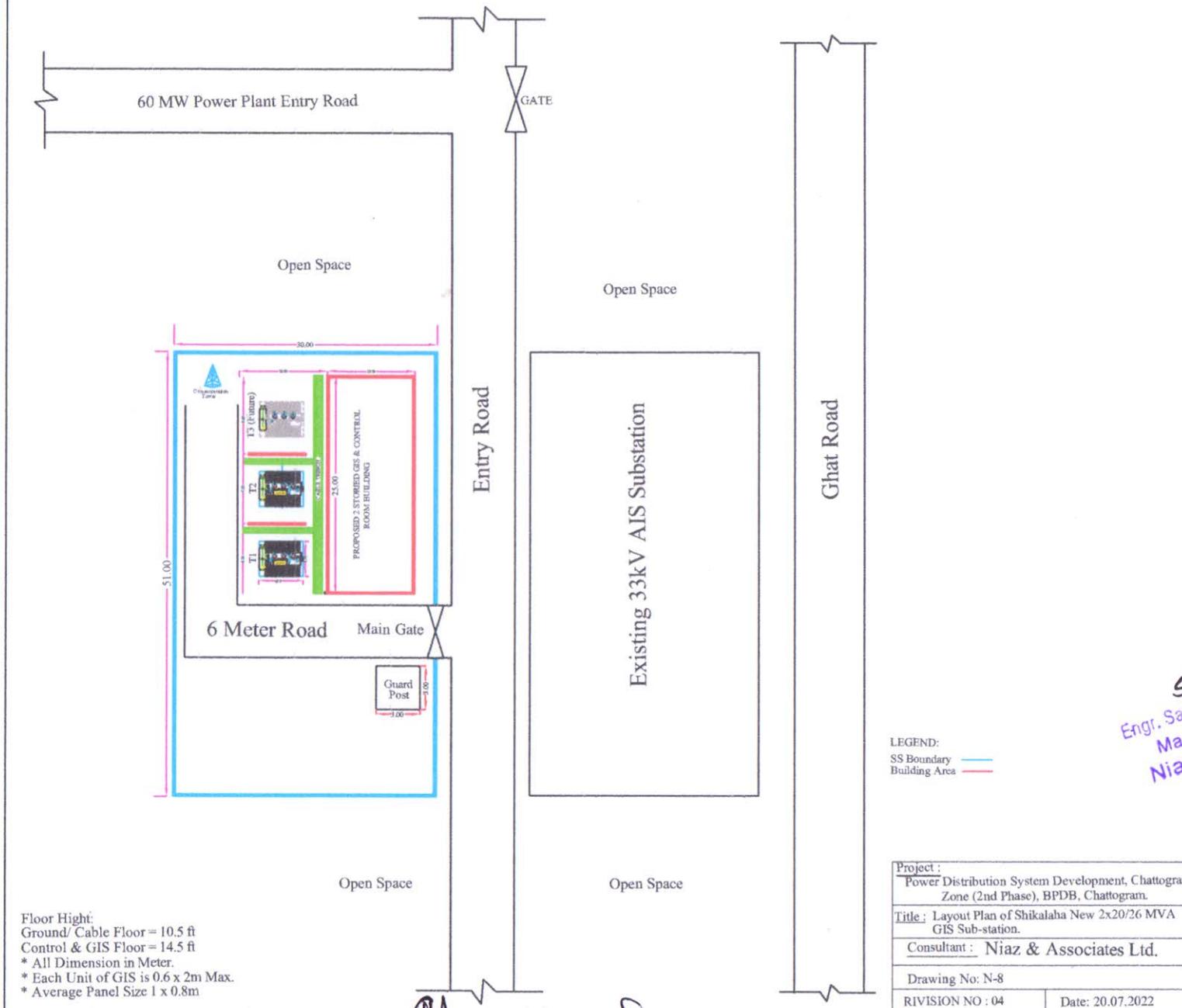
Project : Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Layout Plan of Potiya Bypass 2x20/26 MVA GIS Sub-station.	
Consultant : Niaz & Associates Ltd.	
Drawing No:	
RIVISION NO : 01	Date: 20.07.2022

# LAYOUT PLAN OF SHIKALBAHA NEW 33/11kV GIS SUBSTATION

Sheet No. 01 of 03



Transformer Outdoor, Ground Floor  
 (2 Storied GIS & Control Room with 2 storied Foundation)  
 Total Floor Space = 250 sq. m x 2 nos floor.



Floor Height:  
 Ground/ Cable Floor = 10.5 ft  
 Control & GIS Floor = 14.5 ft  
 \* All Dimension in Meter.  
 \* Each Unit of GIS is 0.6 x 2m Max.  
 \* Average Panel Size 1 x 0.8m

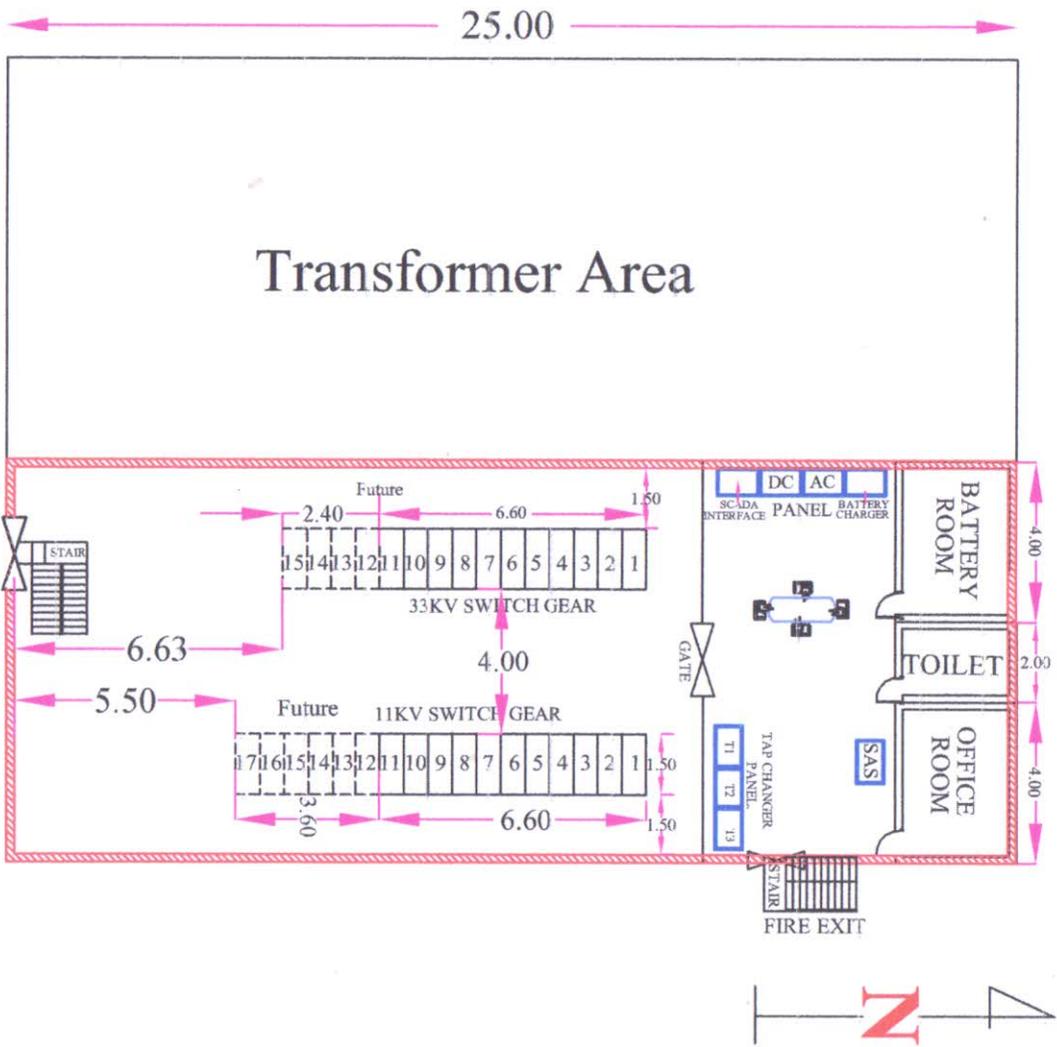
LEGEND:  
 SS Boundary ————  
 Building Area ————

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

Project :	
Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Layout Plan of Shikalaha New 2x20/26 MVA GIS Sub-station.	
Consultant : Niaz & Associates Ltd.	
Drawing No: N-8	
RIVISION NO : 04	Date: 20.07.2022

LAYOUT PLAN OF SHIKALBAHA NEW 33/11KV GIS SUB-STATION  
 (1st Floor GIS & Control Room)

Sheet No : 02 of 02



LEGEND:  
 Building Area

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

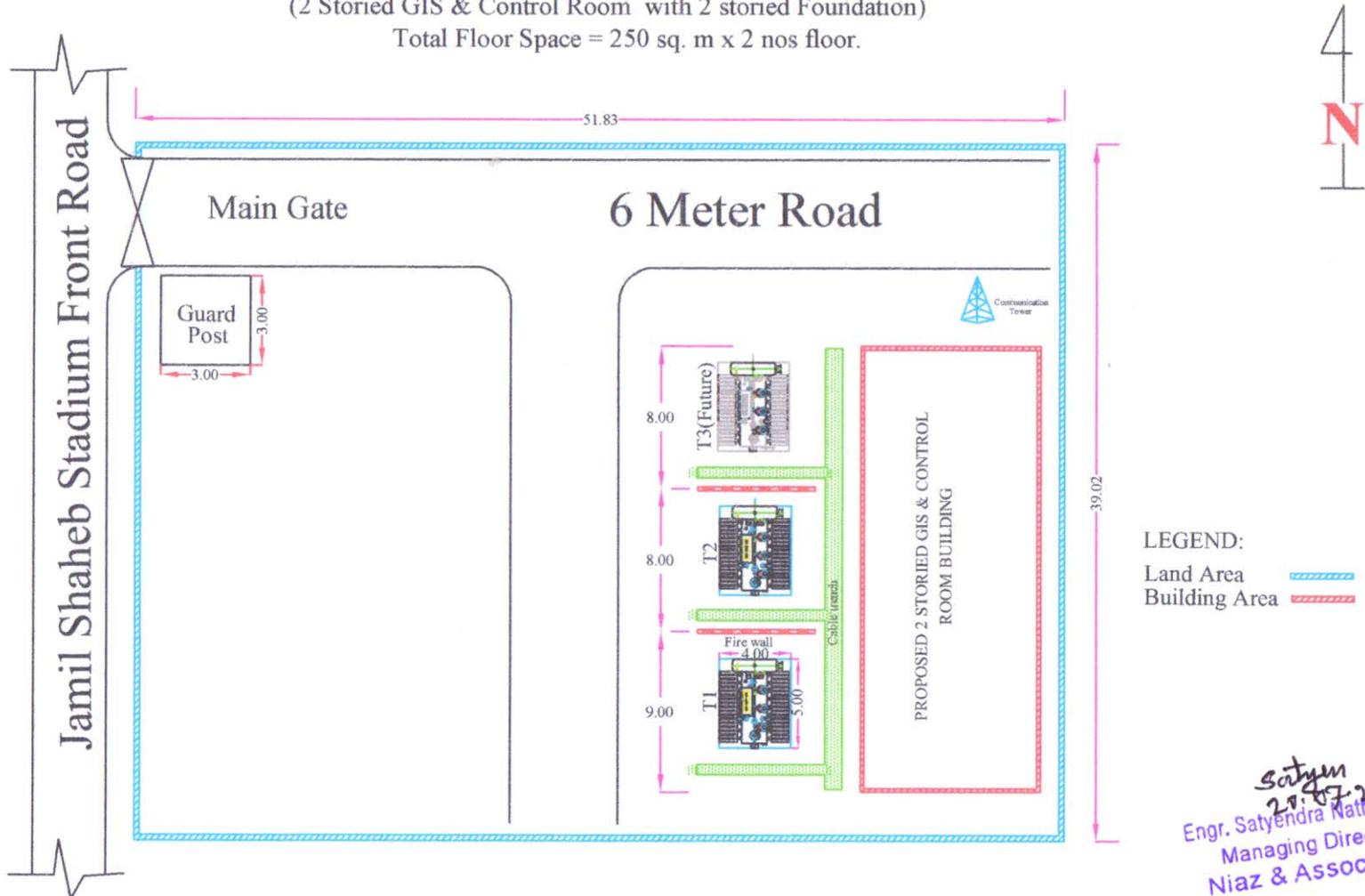
*Satya*  
 20/07/22

*Handwritten signatures and initials*

# LAYOUT PLAN OF DIAMOND CEMENT 33/11KV GIS SUB-STATION

Sheet No : 01 of 02

Transformer Outdoor, Ground Floor  
 (2 Storied GIS & Control Room with 2 storied Foundation)  
 Total Floor Space = 250 sq. m x 2 nos floor.



LEGEND:  
 Land Area   
 Building Area

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

Floor Hight:  
 Ground/ Cable Floor = 10.5 ft  
 Control & GIS Floor = 14.5 ft  
 \* All Dimension in Meter.  
 \* Each Unit of GIS is 0.6 x 2m Max.  
 \* Average Panel Size 1 x 0.8m

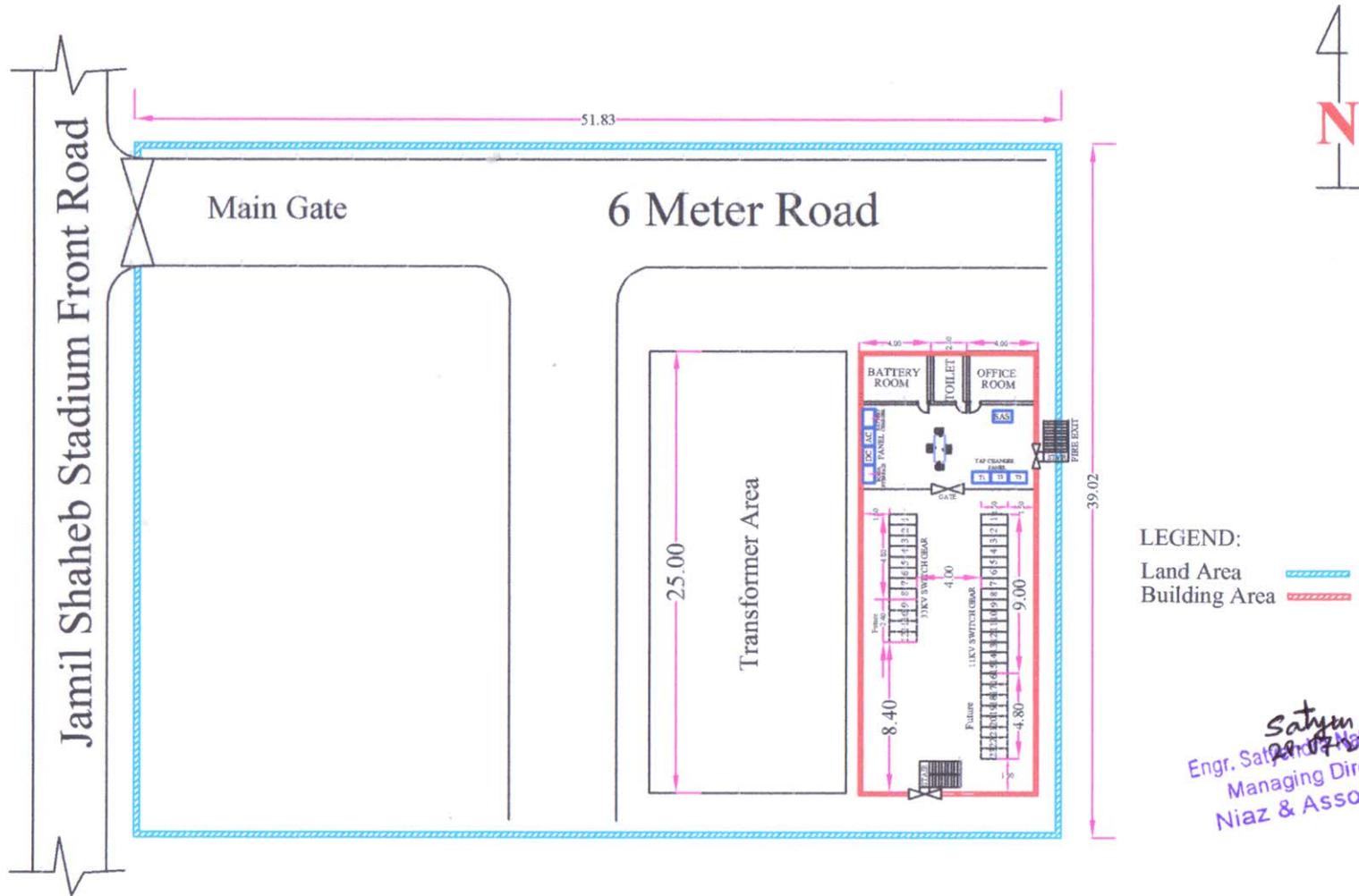
*[Handwritten signatures]*

Project : Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Layout Plan of Diamond Cement 2x20/26 MVA GIS Sub-station.	
Consultant : Niaz & Associates Ltd.	
Drawing No: N-22	
RIVISION NO : 02	Date: 20.07.2022

# LAYOUT PLAN OF DIAMOND CEMENT 33/11KV GIS SUB-STATION

Sheet No : 02 of 02

(1st Floor GIS & Control Room)



LEGEND:

Land Area   
 Building Area

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

- Floor Height:  
 Ground/ Cable Floor = 10.5 ft  
 Control & GIS Floor = 14.5 ft  
 \* All Dimension in Meter.  
 \* Each Unit of GIS is 0.6 x 2m Max.  
 \* Average Panel Size 1 x 0.8m

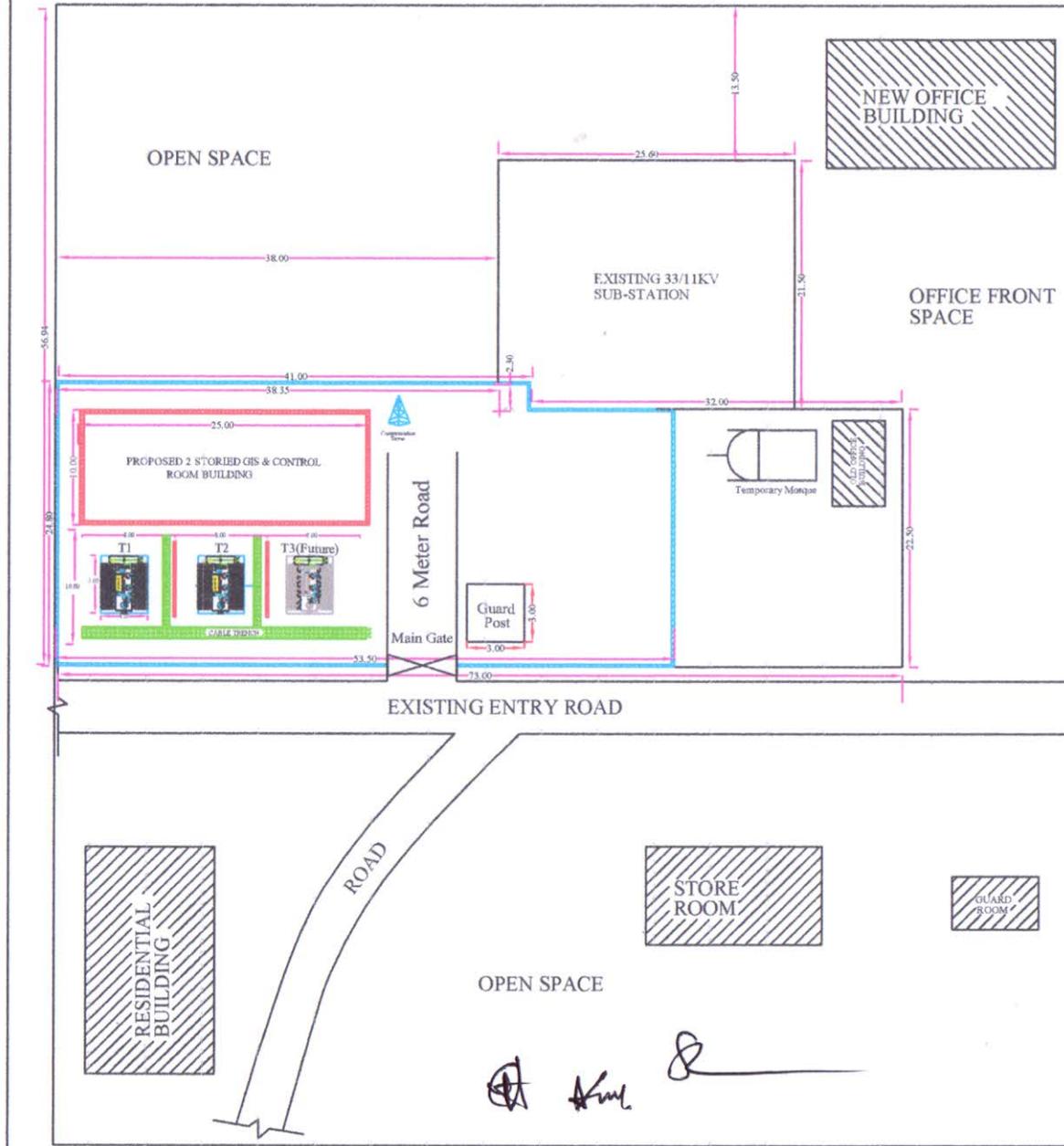


Project : Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Layout Plan of Diamond Cement 2x20/26 MVA GIS Sub-station.	
Consultant : Niaz & Associates Ltd.	
Drawing No: N-22	
RIVISION NO : 02	Date: 20.07.2022

# Layout Plan for Upgradation of Satkania 33/11KV, 2x5/6.67MVA Substation to 2x16/20MVA GIS Substation

Transformer Outdoor, Ground Floor  
 (2 Storied GIS & Control Room with 2 storied Foundation)  
 Total Floor Space = 250 sq. m x 2 nos floor.

Sheet No. - 01 of 02



All Measurement in Meter

Floor Height:  
 Ground/ Cable Floor = 10.5 ft  
 Control & GIS Floor = 14.5 ft  
 \* All Dimension in Meter.  
 \* Each Unit of GIS is 0.6 x 2m Max.  
 \* Average Panel Size 1 x 0.8m

LEGEND:

- Land Area —
- Building Area —

*Satyen*  
 20/05/22  
 Engr. Satyendra Nath Chakraborty  
 Managing Director & T.L  
 Niaz & Associates Ltd.

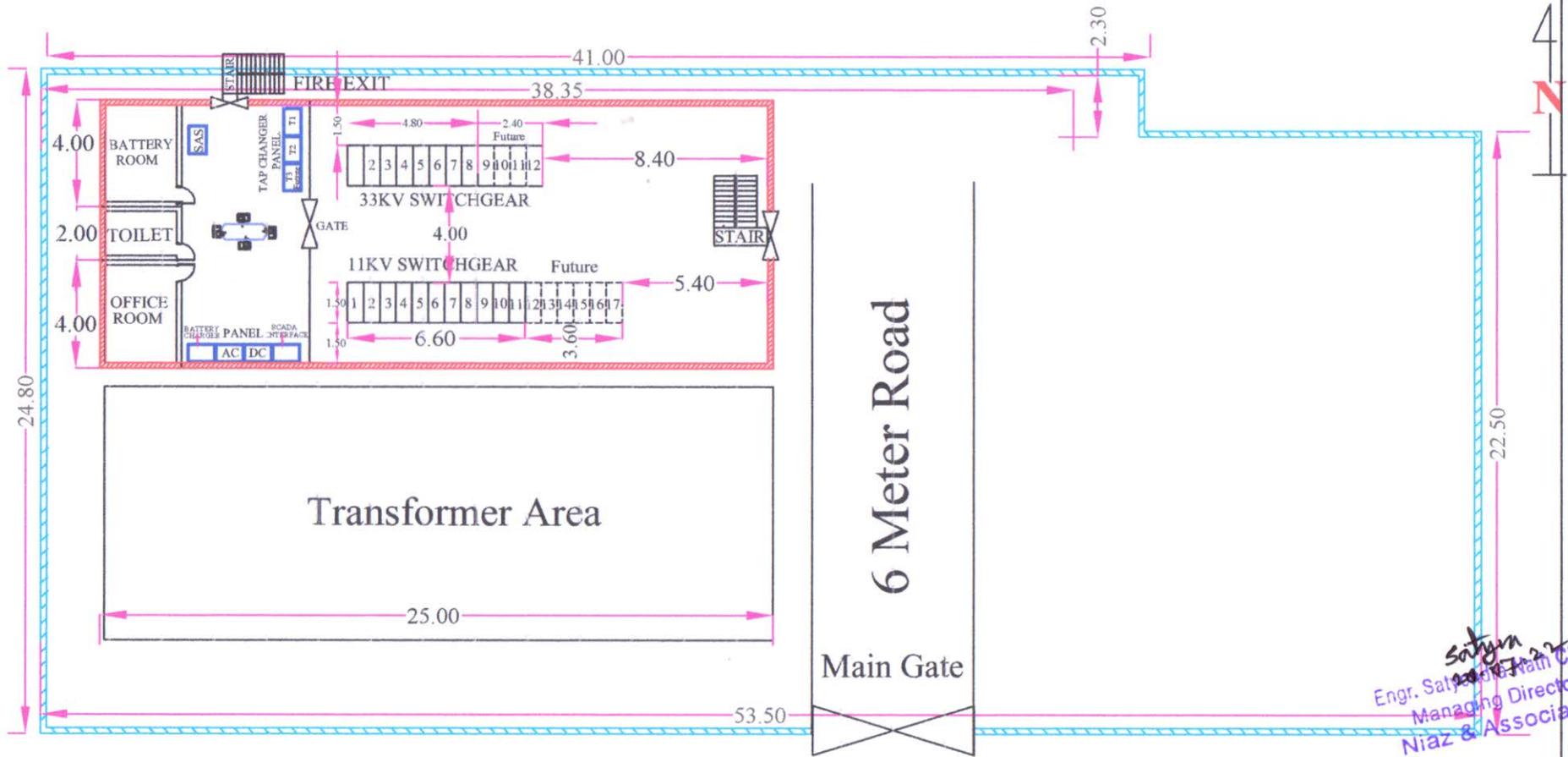
*[Handwritten signatures]*

Project: Power Distribution System Development Chotogram Zone (2nd Phase), BPDB, Chotogram.	
Title: Layout Plan for Upgradation of Satkania 33/11KV 2x5/6.67MVA S/S to 2x16/20MVA GIS S/S.	
Consultant: Niaz & Associates Ltd.	
Drawing No: A-5	
REVISION NO: 03	Dt: 14.05.2022

# Layout Plan for Upgradation of Satkania 33/11KV, 2x5/6.67MVA Substation to 2x16/20MVA GIS Substation

## (1st Floor GIS & Control Room)

Sheet No : 02 of 02



Floor Hight:

Ground/ Cable Floor = 10.5 ft

Control & GIS Floor = 14.5 ft

\* All Dimension in Meter.

\* Each Unit of GIS is 0.6 x 2m Max.

\* Average Panel Size 1 x 0.8m

LEGEND:

Land Area

Building Area

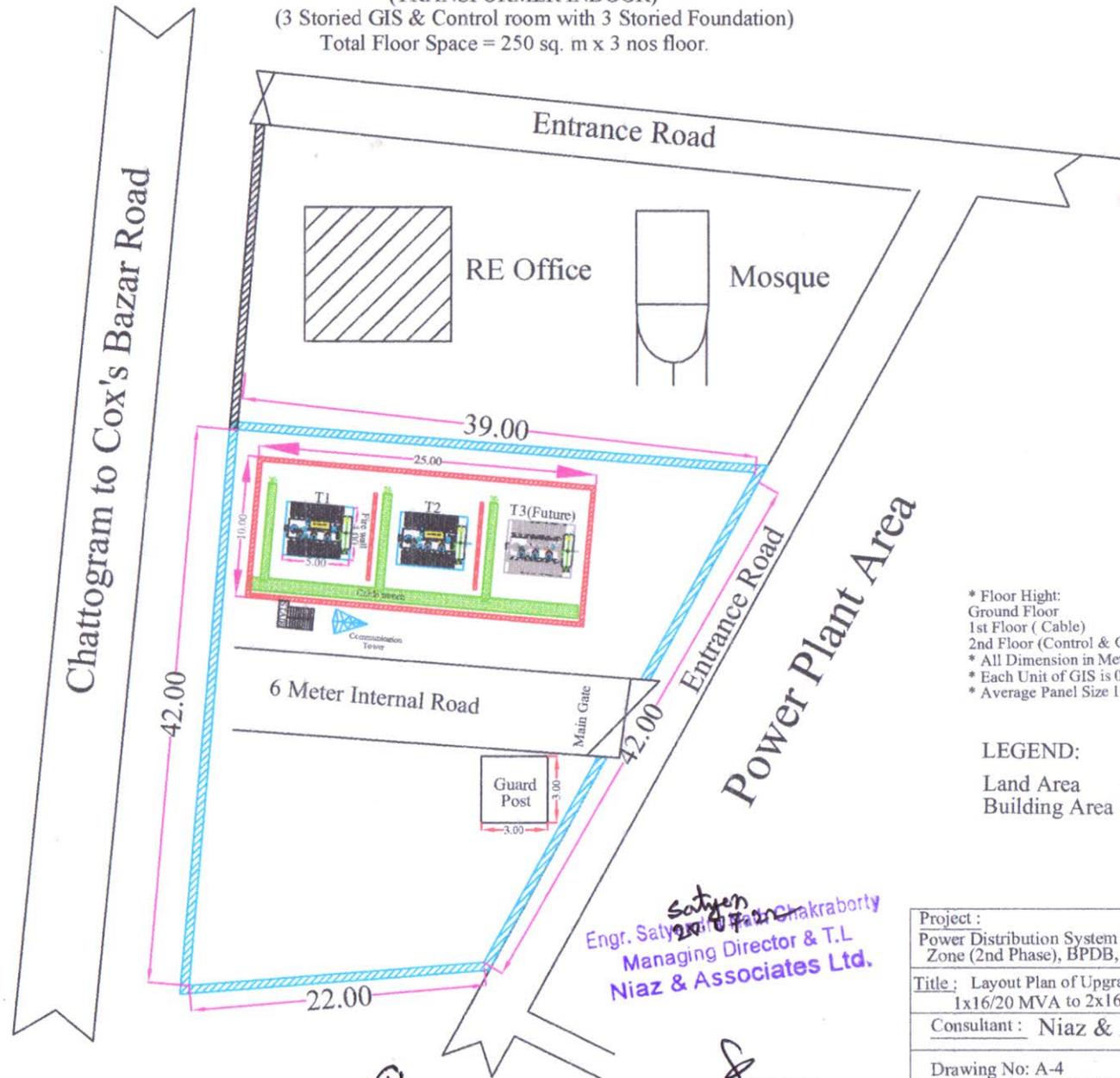
Project :	
Power Distribution System Development Chottogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Layout Plan for Upgradation of Satkania 33/11KV 2x5/6.67MVA S/S to 2x16/20MVA GIS S/S.	
Consultant : Niaz & Associates Ltd.	
Drawing No: A-5	
RIVISION NO : 03	Date: 20.07.2022

*Satyan*  
Engr. Satyan Prakash Chakraborty  
Managing Director & T.L.  
Niaz & Associates Ltd.

# Layout Plan of Upgradation of Dohazari 33/11 kV, 1x16/20 MVA to 2x16/20 MVA GIS Sub-Station

Sheet No : 01 of 03

(TRANSFORMER INDOOR)  
 (3 Storied GIS & Control room with 3 Storied Foundation)  
 Total Floor Space = 250 sq. m x 3 nos floor.



- \* Floor Height: = 24.5 ft
- Ground Floor = 10.5 ft
- 1st Floor ( Cable)
- 2nd Floor (Control & GIS) = 14.5 ft
- \* All Dimension in Meter.
- \* Each Unit of GIS is 0.6 x 2m Max.
- \* Average Panel Size 1 x 0.8m

**LEGEND:**

- Land Area ———
- Building Area ▨▨▨▨

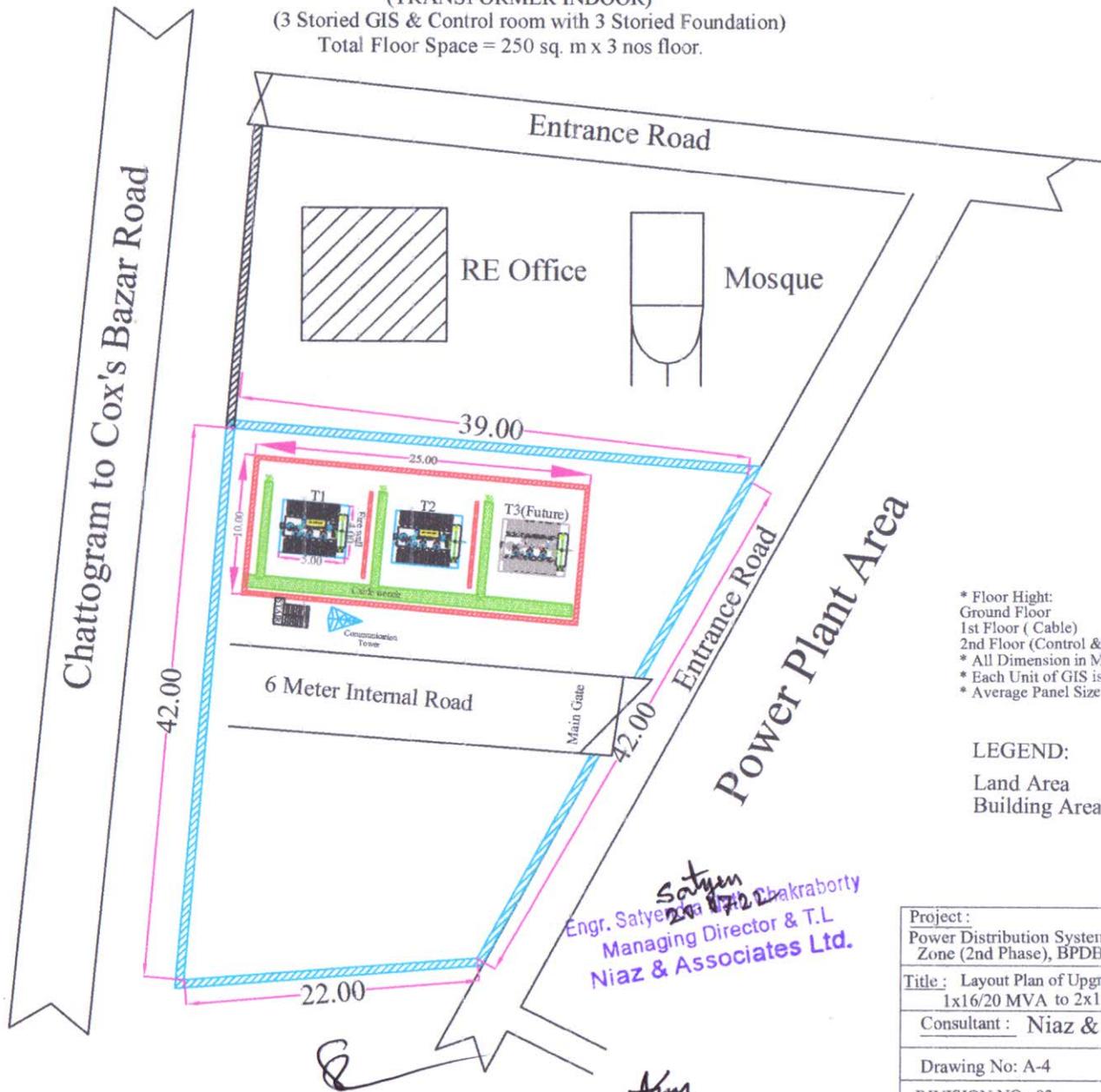
*Satyen*  
 Engr. Satyen Chakraborty  
 Managing Director & T.L  
 Niaz & Associates Ltd.

Project :	
Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Layout Plan of Upgradation of Dohazari 33/11 kV 1x16/20 MVA to 2x16/20 MVA GIS Sub-Station	
Consultant : Niaz & Associates Ltd.	
Drawing No: A-4	
REVISION NO : 03	Date: 20.07.2022

# Layout Plan of Upgradation of Dohazari 33/11 kV, 1x16/20 MVA to 2x16/20 MVA GIS Sub-Station

Sheet No : 02 of 03

(TRANSFORMER INDOOR)  
 (3 Storied GIS & Control room with 3 Storied Foundation)  
 Total Floor Space = 250 sq. m x 3 nos floor.



- \* Floor Hight: = 24.5 ft
- Ground Floor = 10.5 ft
- 1st Floor ( Cable ) = 10.5 ft
- 2nd Floor (Control & GIS) = 14.5 ft
- \* All Dimension in Meter.
- \* Each Unit of GIS is 0.6 x 2m Max.
- \* Average Panel Size 1 x 0.8m

**LEGEND:**

- Land Area
- Building Area

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

Project : Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Layout Plan of Upgradation of Dohazari 33/11 kV, 1x16/20 MVA to 2x16/20 MVA GIS Sub-Station	
Consultant : Niaz & Associates Ltd.	

Drawing No: A-4

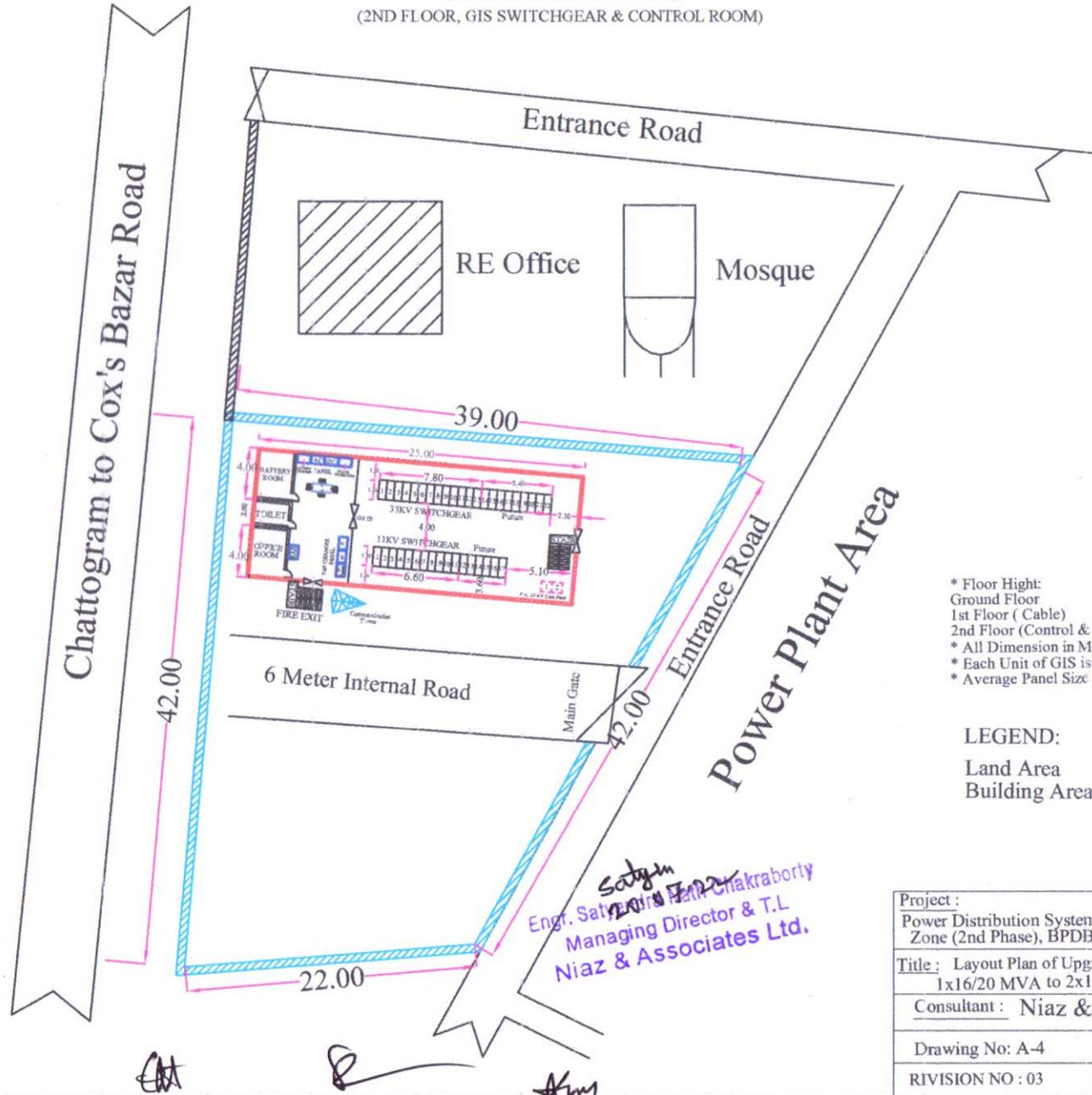
RIVISION NO : 03

Date: 20.07.2022

# Layout Plan of Upgradation of Dohazari 33/11 kV, 1x16/20 MVA to 2x16/20 MVA GIS Sub-Station

Sheet No : 03 of 03

(TRANSFORMER INDOOR)  
(2ND FLOOR, GIS SWITCHGEAR & CONTROL ROOM)



- \* Floor Height:
  - Ground Floor = 24.5 ft
  - 1st Floor ( Cable ) = 10.5 ft
  - 2nd Floor (Control & GIS) = 14.5 ft
- \* All Dimension in Meter.
- \* Each Unit of GIS is 0.6 x 2m Max.
- \* Average Panel Size 1 x 0.8m

**LEGEND:**  
 Land Area   
 Building Area

*Satya*  
 Engr. Satya Prakash Chakraborty  
 Managing Director & T.L.  
 Niaz & Associates Ltd.

Project : Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Layout Plan of Upgradation of Dohazari 33/11 kV 1x16/20 MVA to 2x16/20 MVA GIS Sub-Station	
Consultant : Niaz & Associates Ltd.	
Drawing No: A-4	
REVISION NO : 03	Date: 20.07.2022

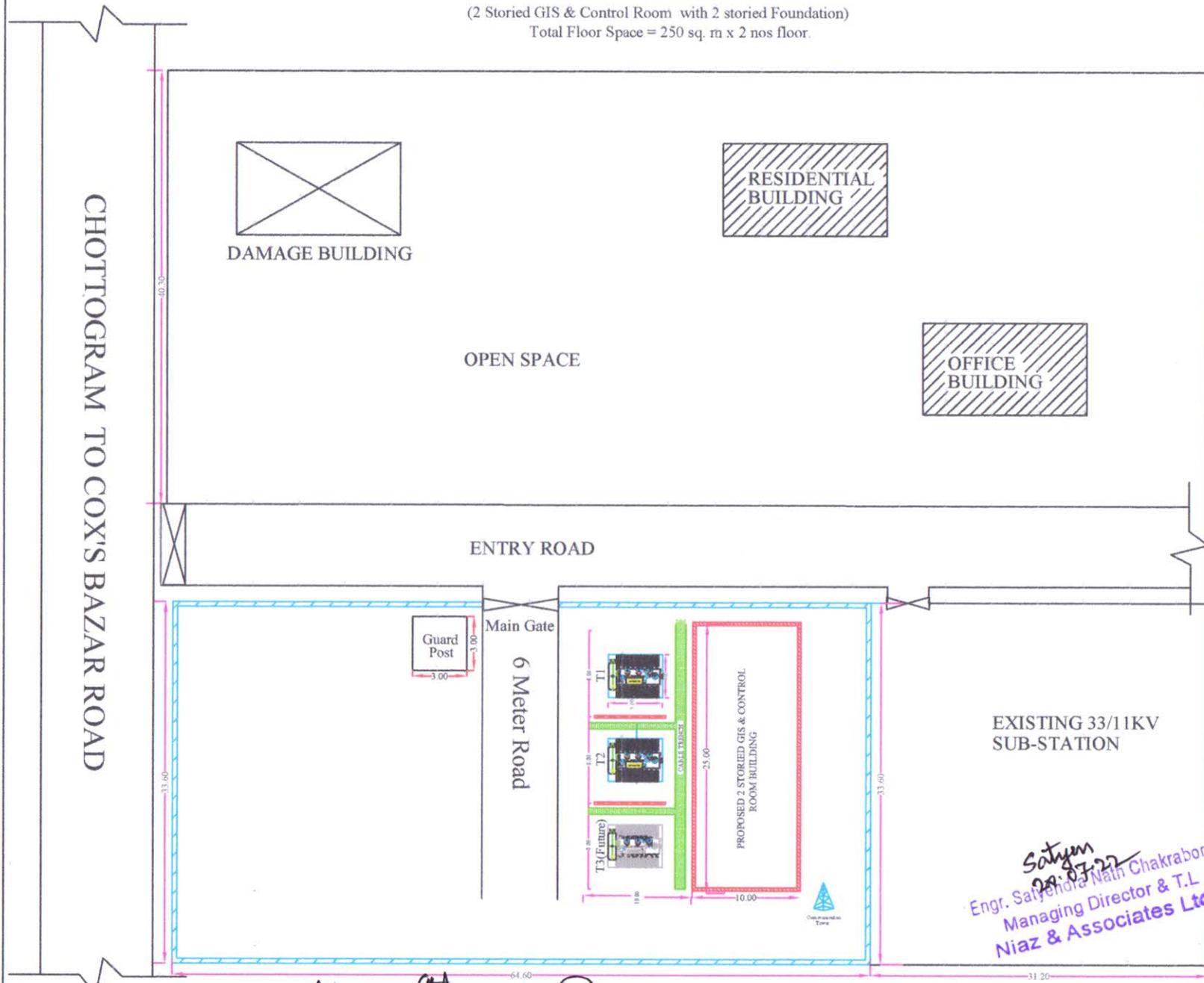
*CA*      *R*      *Am*

# Layout Plan for Upgradation of Aziznagar 33/11KV, 5/6.67MVA Substation to 2x16/20MVA GIS Substation

Sheet No: 01 of 02



Transformer Outdoor, Ground Floor  
 (2 Storied GIS & Control Room with 2 storied Foundation)  
 Total Floor Space = 250 sq. m x 2 nos floor.



Floor Height:  
 Ground/ Cable Floor = 10.5 ft  
 Control & GIS Floor = 14.5 ft  
 \* All Dimension in Meter.  
 \* Each Unit of GIS is 0.6 x 2m Max.  
 \* Average Panel Size 1 x 0.8m

LEGEND:  
 Land Area   
 Building Area

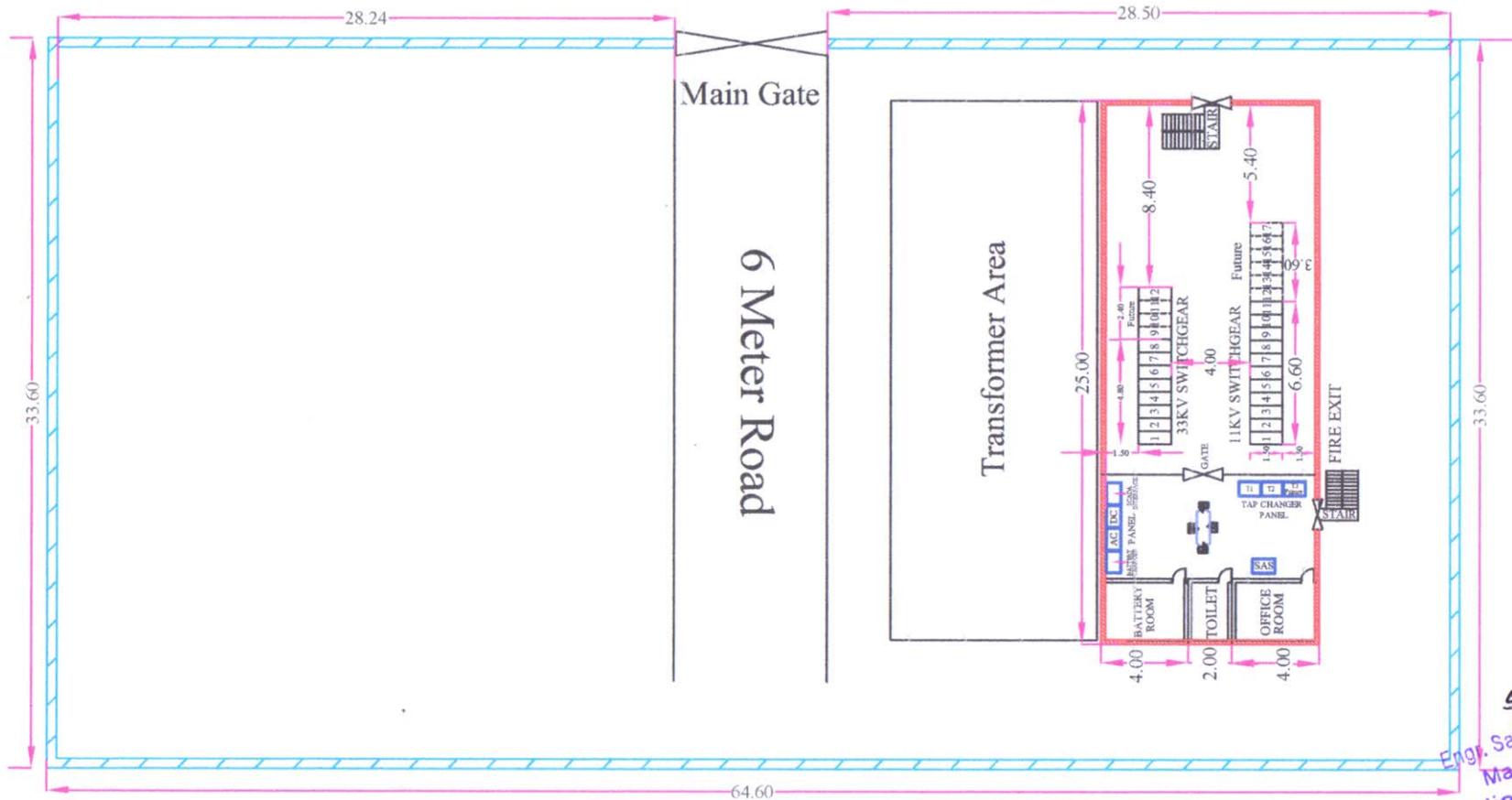
*Satyam*  
 20.07.22  
 Engr. Satyendra Nath Chakraborty  
 Managing Director & T.L.  
 Niaz & Associates Ltd.

Project : Power Distribution System Development Chotogram Zone (2nd Phase), BPDB, Chattogram	
Title : Layout Plan for Upgradation of Aziznagar 33/11KV 5/6.67MVA S/S to 2x16/20MVA GIS S/S.	
Consultant : Niaz & Associates Ltd.	
Drawing No: A-6	
REVISION NO : 03	Date: 20.07.2022

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

# Layout Plan for Upgradation of Aziznagar 33/11KV, 5/6.67MVA Substation to 2x16/20MVA GIS Substation (1st Floor GIS & Control Room)

Sheet No : 02 of 02



*Satyam*  
20-07-22  
Engr. Satyendra Nath Chakraborty  
Managing Director & T.L  
Niaz & Associates Ltd.

**Floor Hight:**

Ground/ Cable Floor = 10.5 ft  
Control & GIS Floor = 14.5 ft

- \* All Dimension in Meter.
- \* Each Unit of GIS is 0.6 x 2m Max.
- \* Average Panel Size 1 x 0.8m

**LEGEND:**

Land Area   
Building Area

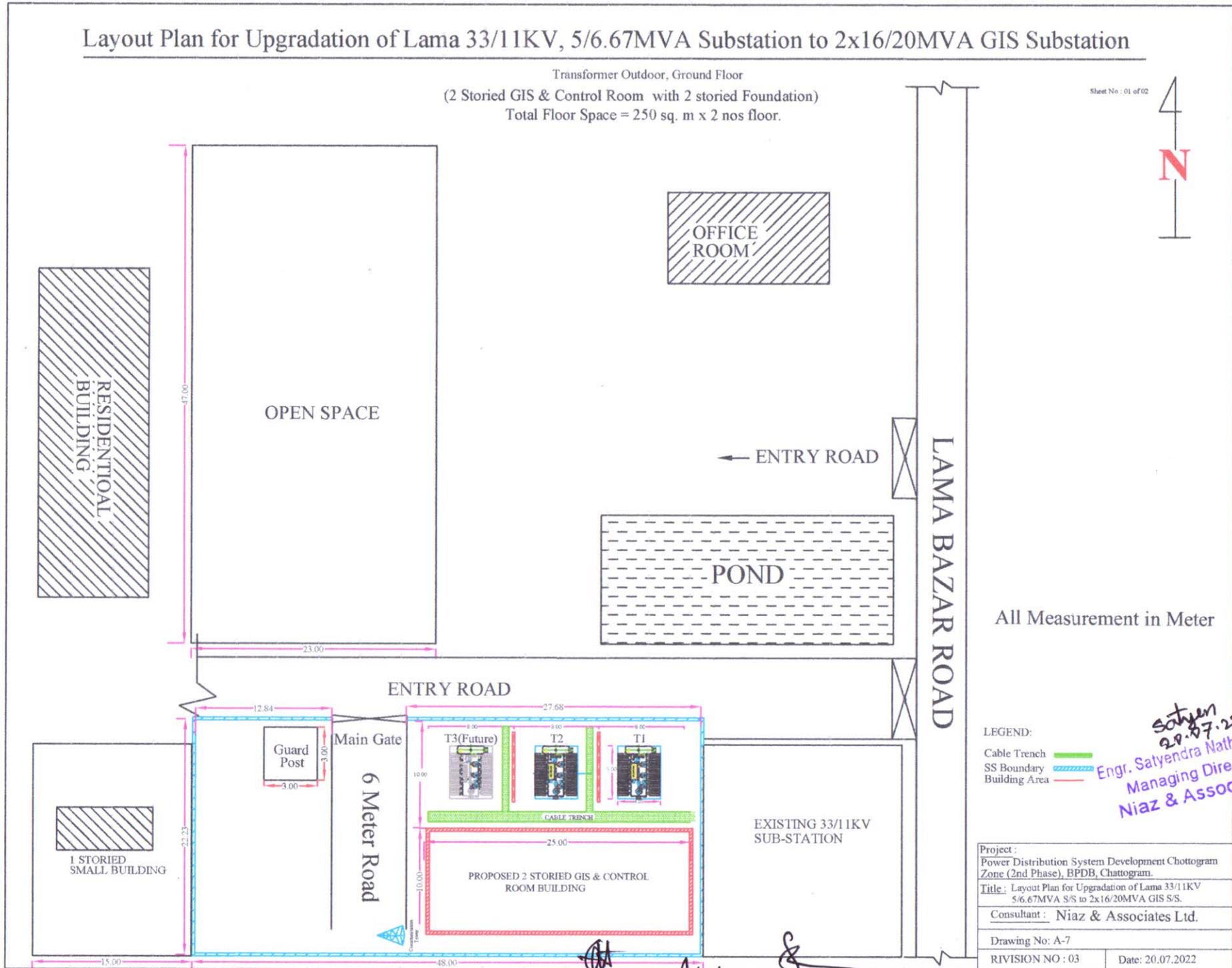
*[Handwritten signatures]*

Project :	
Power Distribution System Development Chottogram Zone (2nd Phase), BPDB, Chottogram.	
Title : Layout Plan for Upgradation of Aziznagar 33/11KV 5/6.67MVA S/S to 2x16/20MVA GIS S/S.	
Consultant : Niaz & Associates Ltd.	
Drawing No: A-6	
REVISION NO : 03	Date: 20.07.2022

# Layout Plan for Upgradation of Lama 33/11KV, 5/6.67MVA Substation to 2x16/20MVA GIS Substation

Transformer Outdoor, Ground Floor  
 (2 Storied GIS & Control Room with 2 storied Foundation)  
 Total Floor Space = 250 sq. m x 2 nos floor.

Sheet No : 01 of 02



All Measurement in Meter

LEGEND:

- Cable Trench —
- SS Boundary —
- Building Area —

*Satyem*  
 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 : Layout Plan for Upgradation of Lama 33/11KV  
 5/6.67MVA S/S to 2x16/20MVA GIS S/S.

Consultant : Niaz & Associates Ltd.

Drawing No: A-7

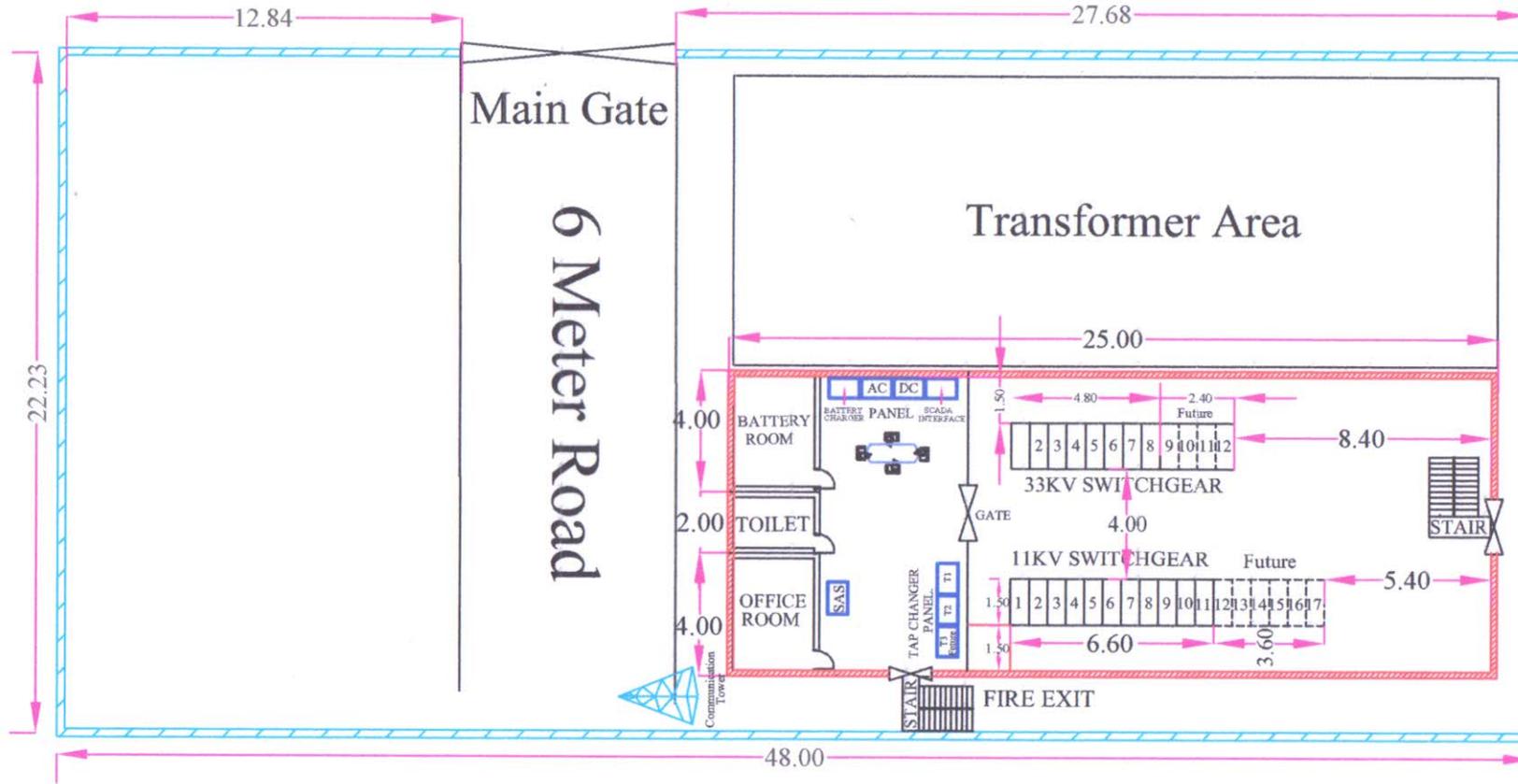
REVISION NO : 03

Date: 20.07.2022

*Amr* &

# Layout Plan for Upgradation of Lama 33/11KV, 5/6.67MVA Substation to 2x16/20MVA GIS Substation (1st Floor GIS & Control Room)

Sheet No : 02 of 02



*Satyan*  
09.06.22  
Engr. Satyendra Nath Chakraborty  
Managing Director & T.L  
Niaz & Associates Ltd.

Project :  
Power Distribution System Development Chottogram  
Zone (2nd Phase), BPDB, Chattogram.

Title : Layout Plan for Upgradation of Lama 33/11KV  
5/6.67MVA S/S to 2x16/20MVA GIS S/S.

Consultant : Niaz & Associates Ltd.

Drawing No: A-7

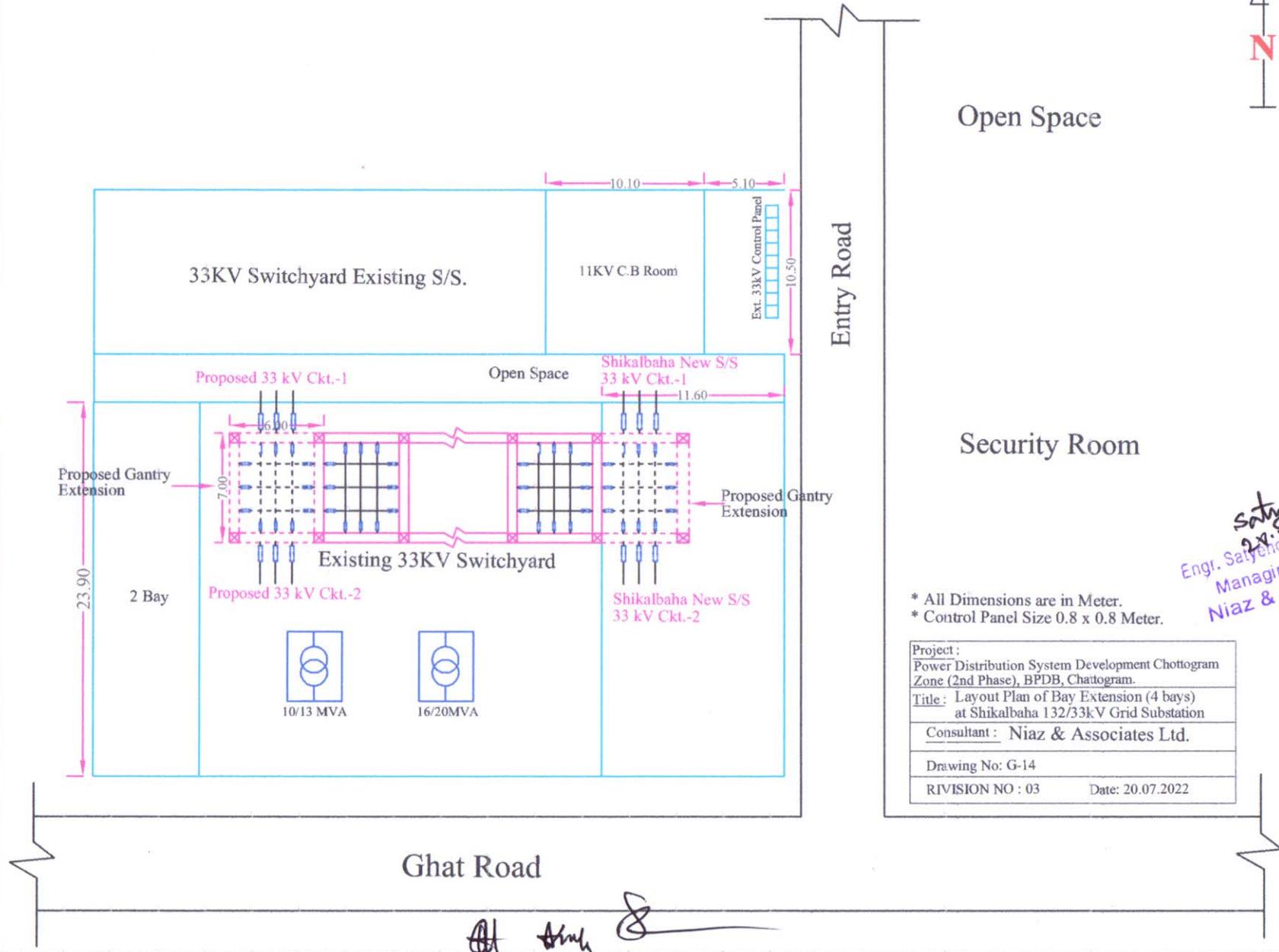
REVISION NO : 03

Dt: 14.05.2022

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

# Layout Plan of Bay Extension (4 bays) at Shikalbaha 132/33kV Grid Substation

Sheet No : 01 of 02



Open Space

Entry Road

Security Room

- \* All Dimensions are in Meter.
- \* Control Panel Size 0.8 x 0.8 Meter.

Project :	
Power Distribution System Development Chottogram Zone (2nd Phase), BPDB, Chottogram.	
Title : Layout Plan of Bay Extension (4 bays) at Shikalbaha 132/33kV Grid Substation	
Consultant : Niaz & Associates Ltd.	
Drawing No: G-14	
RIVISION NO : 03	Date: 20.07.2022

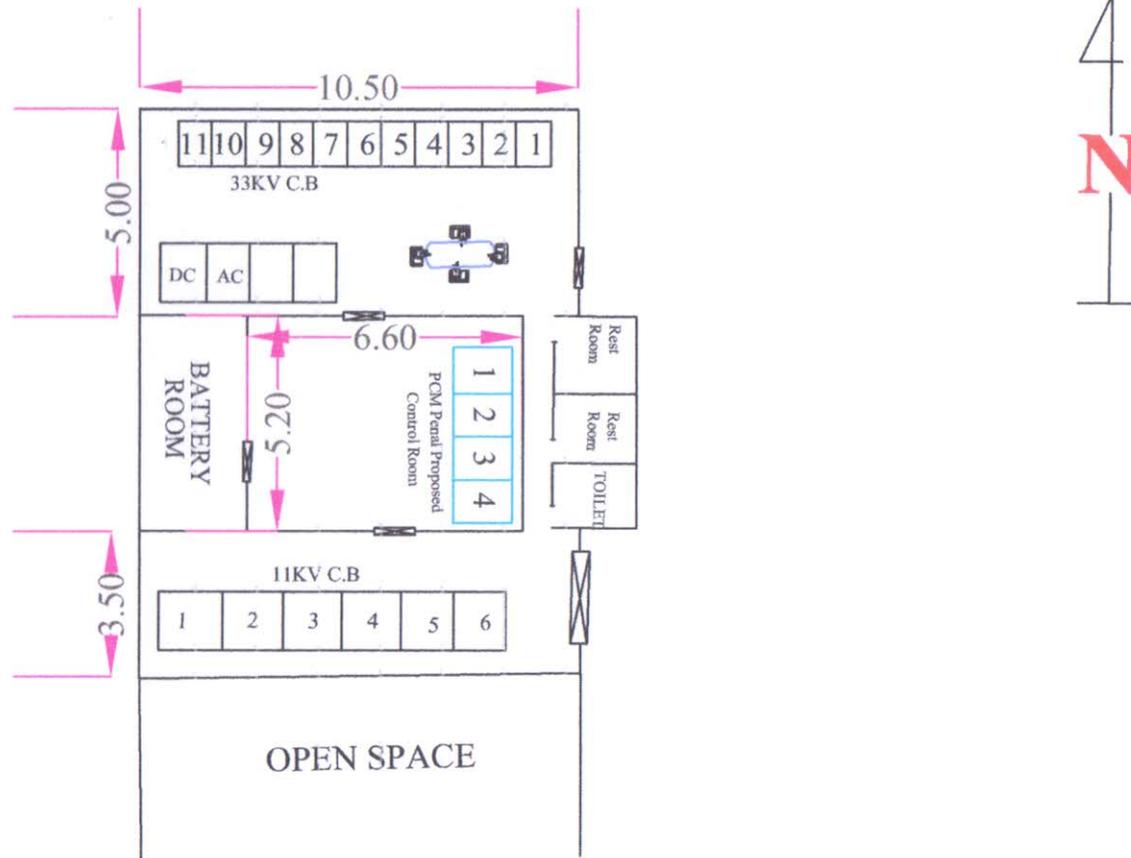
*Satyam*  
24.07.22  
Engr. Satyendra Nath Chakraborty  
Managing Director & T.L.  
Niaz & Associates Ltd.

Ghat Road

*Handwritten signature*

LAYOUT PLAN OF BAY EXTENSION SHIKALBAHA SUB-STATION  
 (Ground Floor GIS & Control Room)

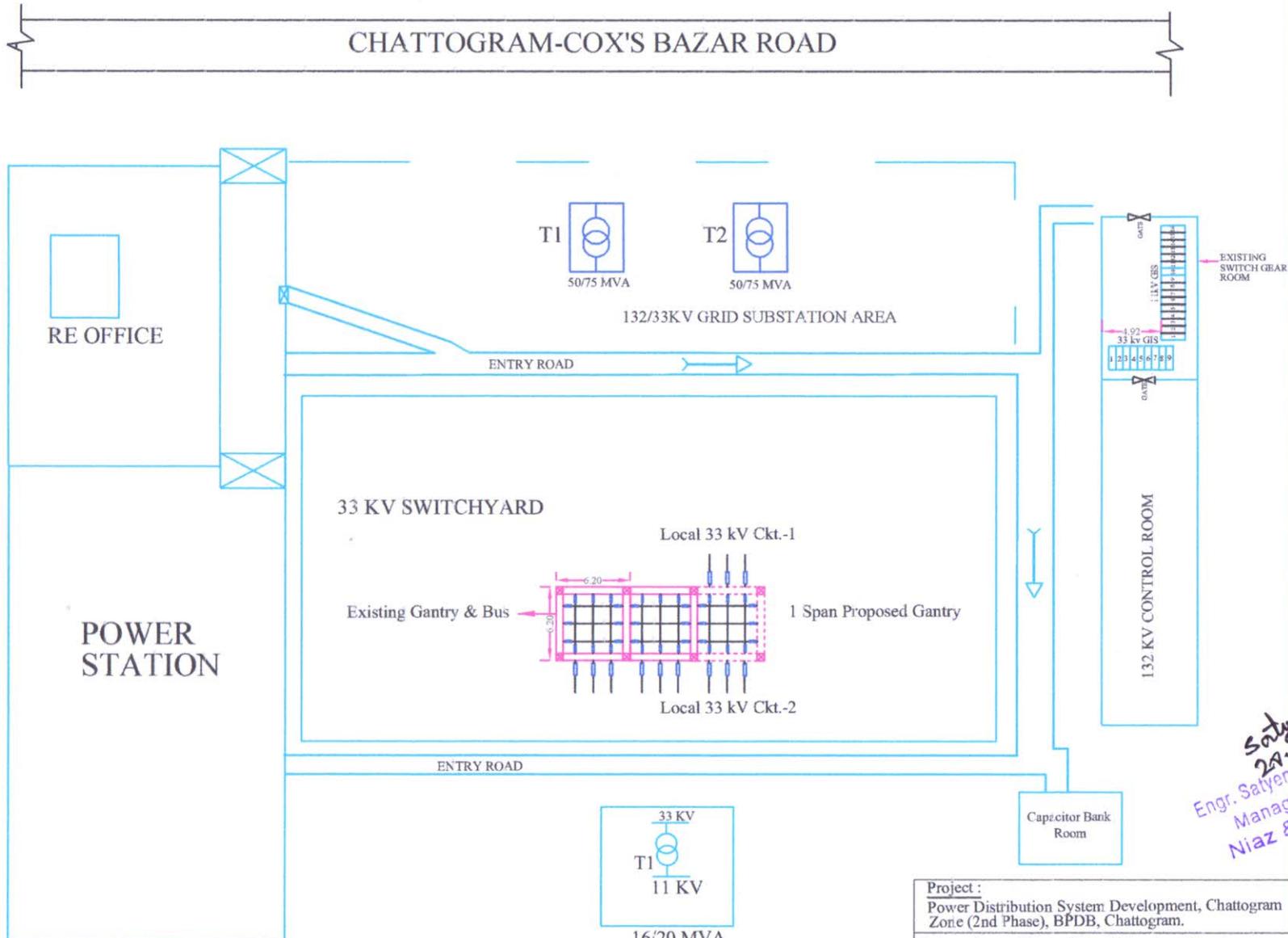
Sheet No : 02 of 02



*Satyen*  
 Engr. Satyen K. Chakraborty  
 Managing Director & T.L.  
 Niaz & Associates Ltd.

*Handwritten signature and initials*

# Layout Plan of Bay Extension (2 bays) at Dohazari 132/33kV Grid Substation



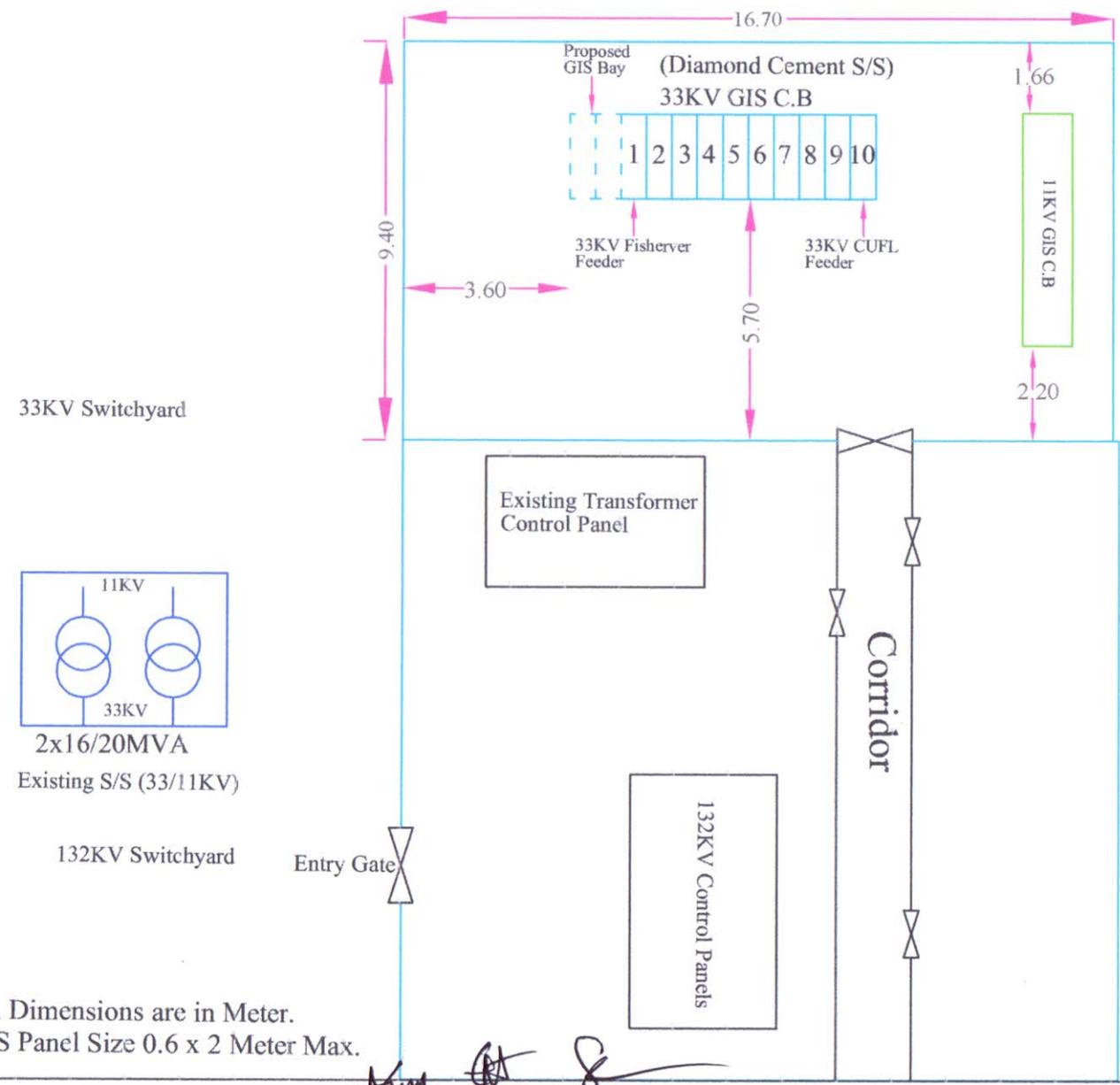
*Satyam*  
29/07/22  
Engr. Satyendra Nath Chakraborty  
Managing Director & T.L  
Niaz & Associates Ltd.

Project : Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Layout Plan of Bay Extension (2 bays) at Dohazari 132/33kV Grid Substation	
Consultant : Niaz & Associates Ltd.	
Drawing No: G-10	
RIVISION NO : 03	Date: 20.07.2022

\* All Dimensions are in Meter.

*Amr*      *CA*      *&*

# Layout Plan of Bay Extension (2 bays) at Julda 132/33kV Grid Substation



### 33 kV GIS Breaker for:

1. Diamond Cement S/S 33 kV Ckt.-1
2. Diamond Cement S/S 33 kV Ckt.-2

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

\* All Dimensions are in Meter.  
 \* GIS Panel Size 0.6 x 2 Meter Max.

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

*[Handwritten signatures and initials]*

# Layout Diagram of Bay Extension of Jillonga, Cox's Bazar 132/33 KV Grid S/S Transformer Outdoor

Sheet No. 1 of 3



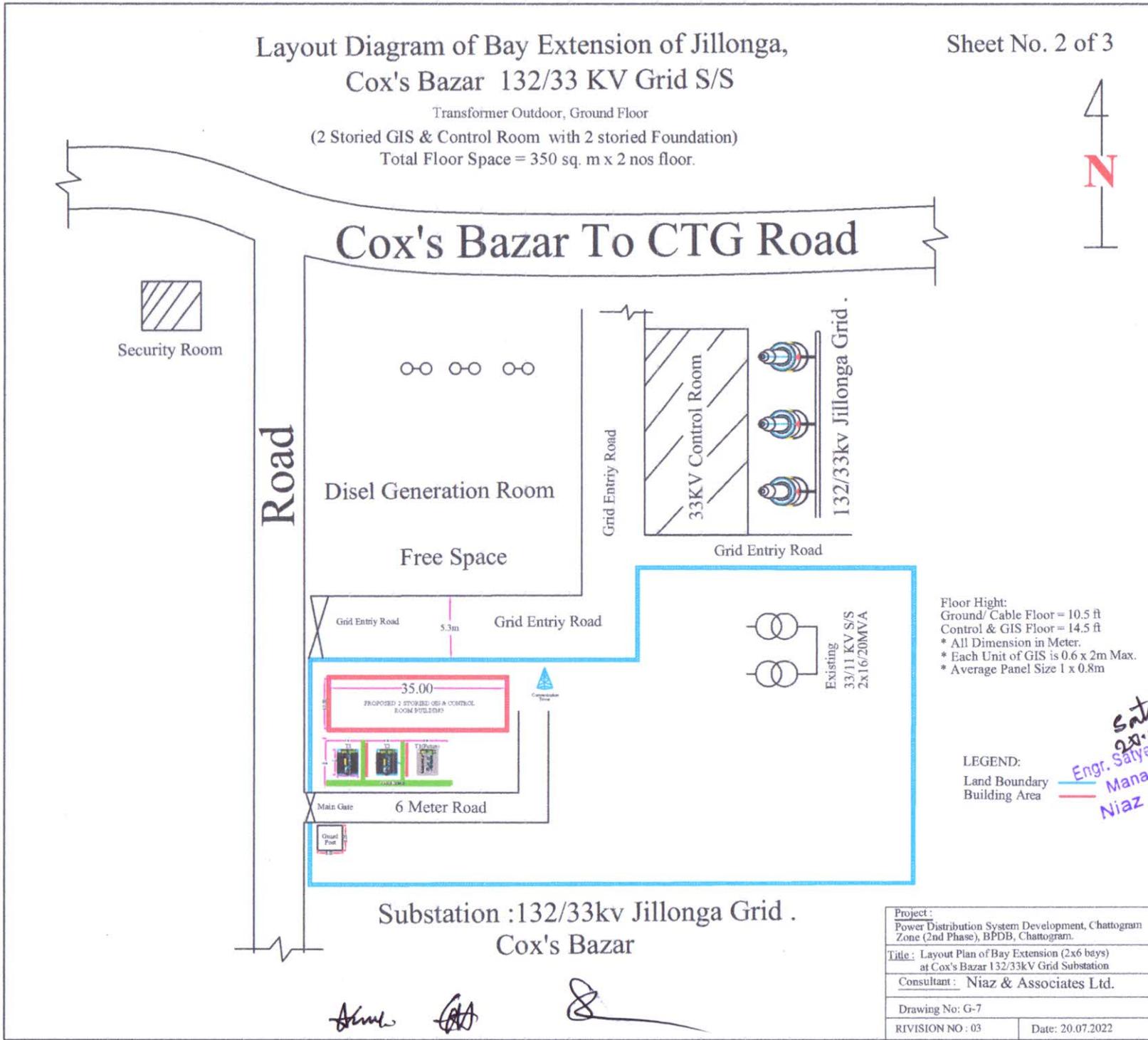
*Satyam*  
 Engr. Satyendra Nath Chakraborty  
 Managing Director & T.L.  
 Niaz & Associates Ltd.

Project : Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Layout Plan of Bay Extension (2x6 bays) at Cox's Bazar 132/33KV Grid Substation	
Consultant : Niaz & Associates Ltd.	
Drawing No: G-7	
RIVISION NO : 03	Date: 20.07.2022

# Layout Diagram of Bay Extension of Jillonga, Cox's Bazar 132/33 KV Grid S/S

Sheet No. 2 of 3

Transformer Outdoor, Ground Floor  
(2 Storied GIS & Control Room with 2 storied Foundation)  
Total Floor Space = 350 sq. m x 2 nos floor.



Floor Height:  
Ground/ Cable Floor = 10.5 ft  
Control & GIS Floor = 14.5 ft  
\* All Dimension in Meter.  
\* Each Unit of GIS is 0.6 x 2m Max.  
\* Average Panel Size 1 x 0.8m

**LEGEND:**

Land Boundary ———  
Building Area ———

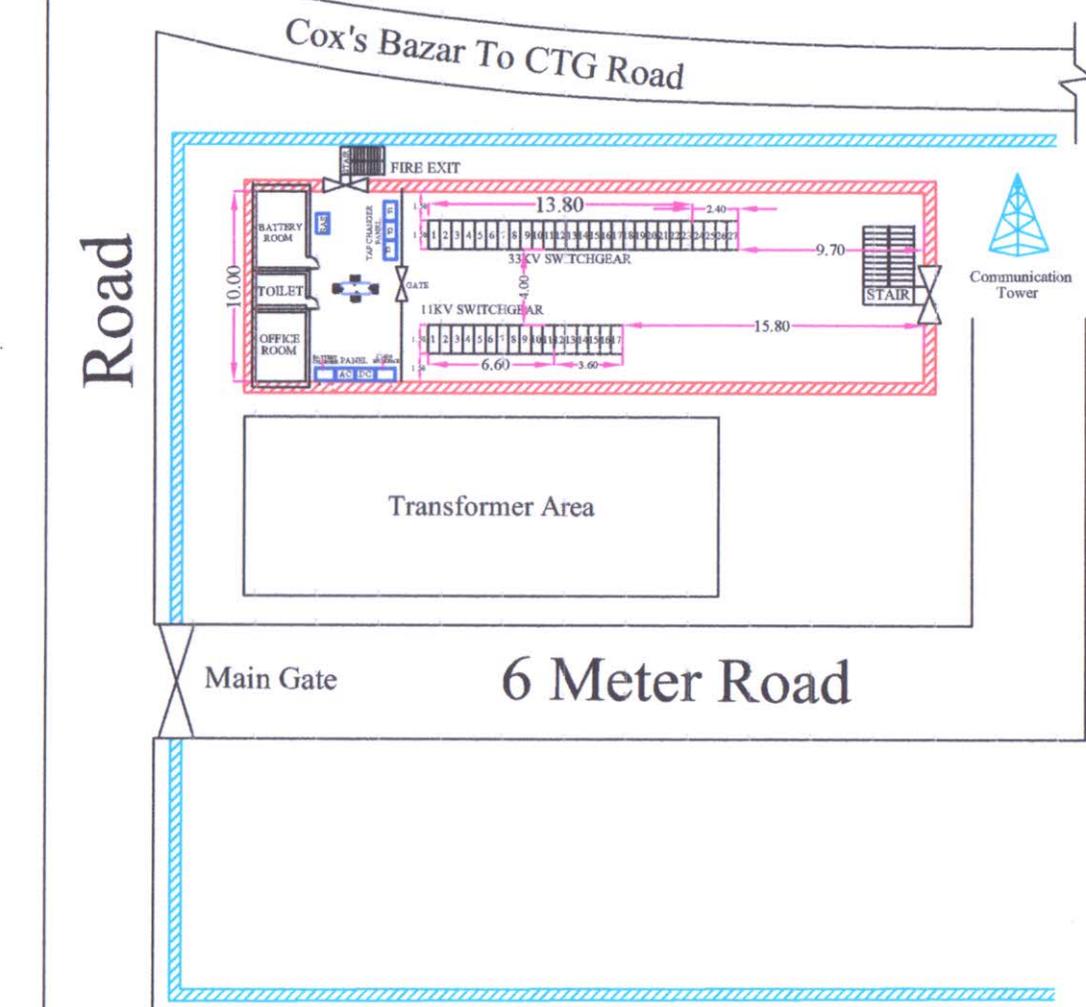
*Satyam*  
*20.07.22*  
Engr. Satyendra Nath Chakraborty  
Managing Director & T.L  
Niaz & Associates Ltd.

*Amal*    *AA*    *[Signature]*

Project : Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Layout Plan of Bay Extension (2x6 bays) at Cox's Bazar 132/33kv Grid Substation	
Consultant : Niaz & Associates Ltd.	
Drawing No: G-7	
RIVISION NO : 03	Date: 20.07.2022

Layout Diagram of Bay Extension of Jillonga,  
Cox's Bazar 132/33 KV Grid S/S  
(1st Floor GIS & Control Room)

Sheet No. 3 of 3



Floor Hight:  
Ground/ Cable Floor = 10.5 ft  
Control & GIS Floor = 14.5 ft  
\* All Dimension in Meter.  
\* Each Unit of GIS is 0.6 x 2m Max.  
\* Average Panel Size 1 x 0.8m

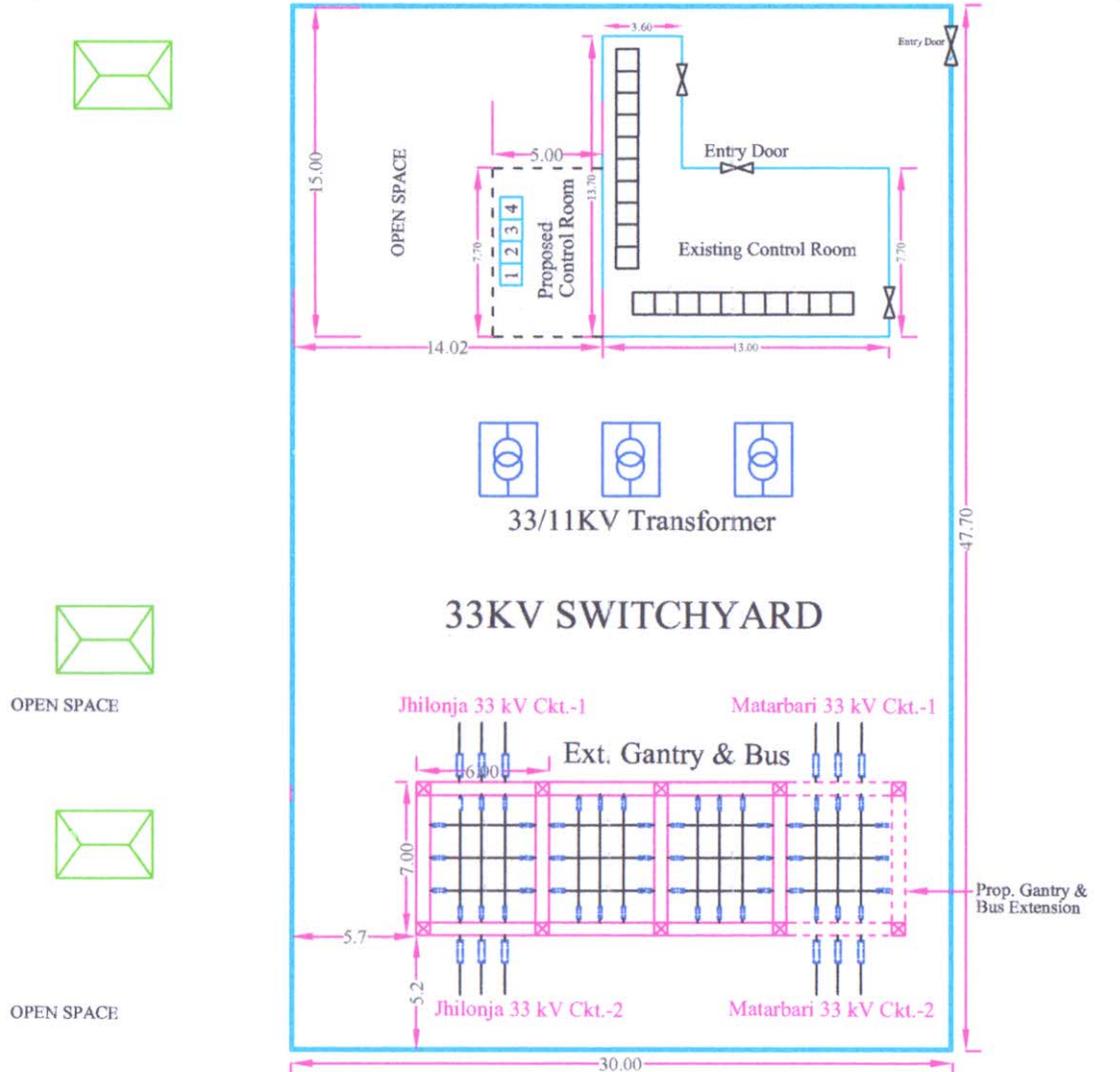
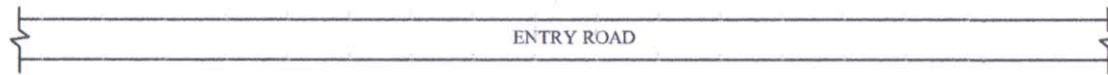
LEGEND:  
Land Boundary ———  
Building Area ———

Project : Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Layout Plan of Bay Extension (2x6 bays) at Cox's Bazar 132/33kV Grid Substation	
Consultant : Niaz & Associates Ltd.	
Drawing No: G-7	
RIVISION NO : 03	Date: 20.07.2022

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

*Handwritten signatures and initials*

# Layout Plan for Bay Extension of Chokoria 33/11kV Substation (4 bays)



OPEN SPACE

OPEN SPACE

OPEN SPACE

\* All Dimensions are in Meter.  
 \* All Existing Circuit Breaker are SF6

*Handwritten signatures and initials.*

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

Project : Power Distribution System Development Chittoogram Zone (2nd Phase), BPDB, Chittoogram.	
Title : Layout Plan for Augmentation of Chokoria 33/11kV Substation ( Extension 4 bays)	
Consultant : Niaz & Associates Ltd.	
Drawing No: A-8	
RIVISION NO : 02	Date: 20.07.2022