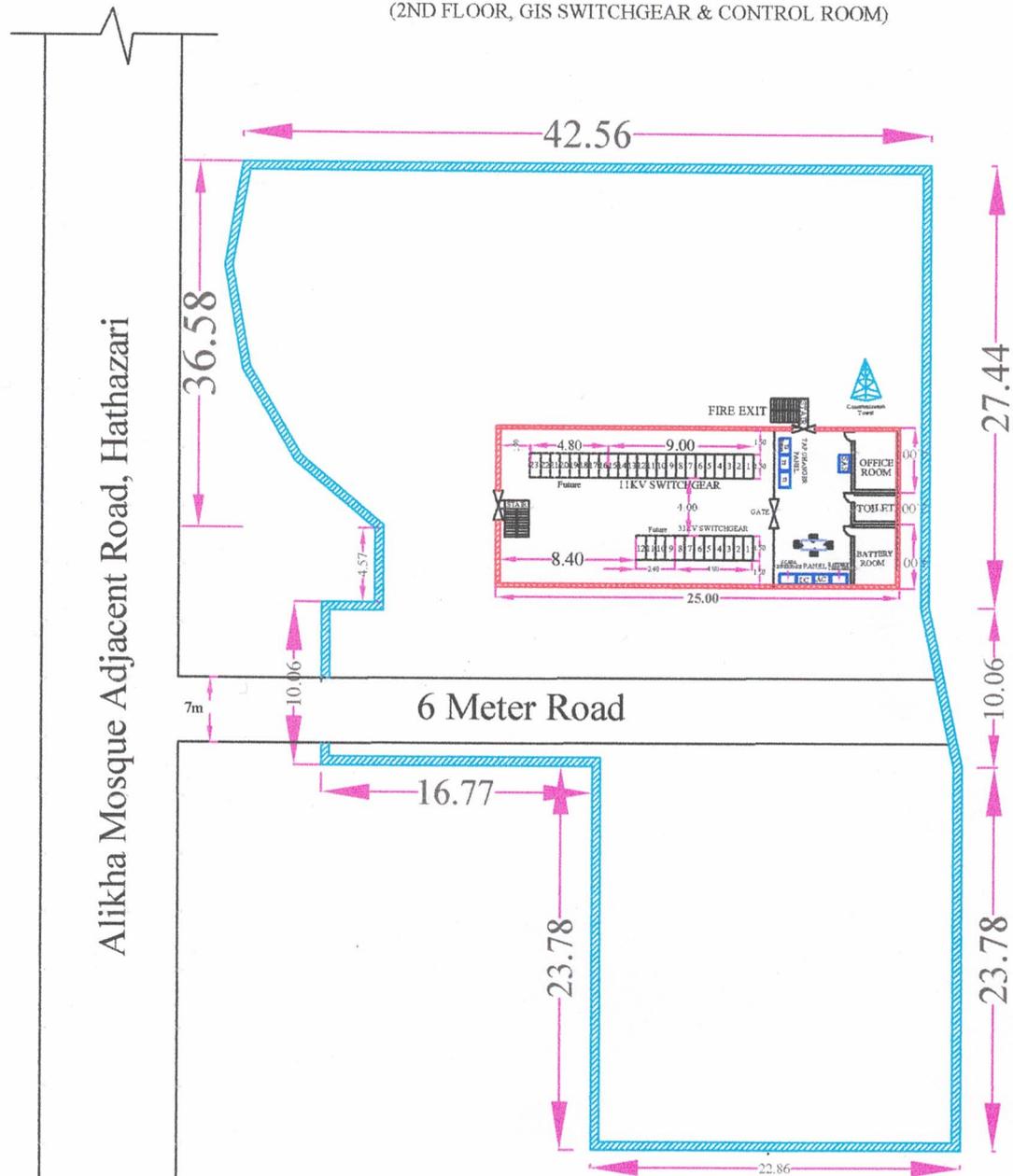


LAYOUT PLAN OF CHAKBAZAR 33/11KV GIS SUB-STATION
 (TRANSFORMER INDOOR)
 (2ND FLOOR, GIS SWITCHGEAR & CONTROL ROOM)

Sheet No : 02 of 02



Alikha Mosque Adjacent Road, Hathazari

LEGEND:

- Land Area
- Building Area

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

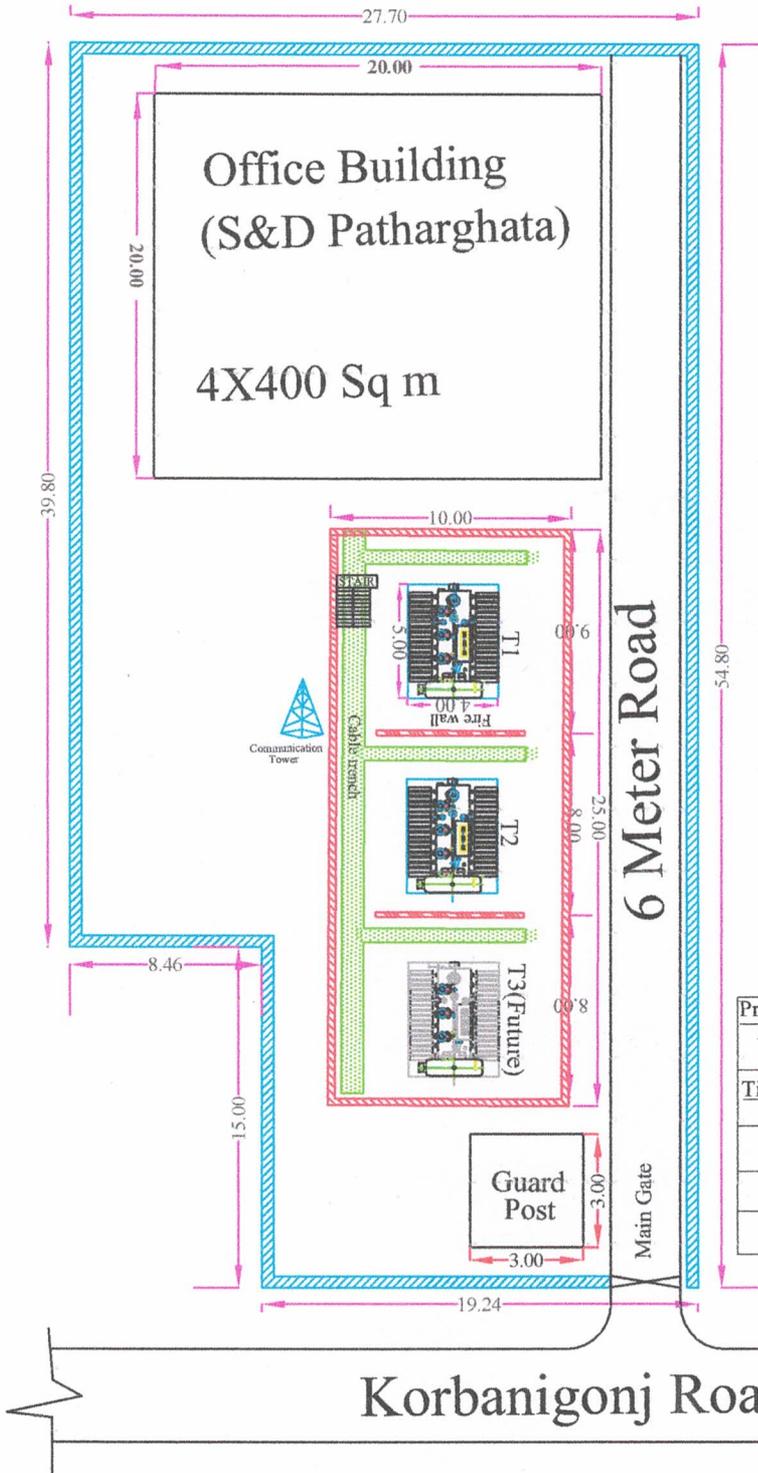
Project : Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Layout Plan of Chakbazar 2x20/26 MVA GIS Sub-station.	
Consultant : Niaz & Associates Ltd.	
Drawing No: N-14	
RIVISION NO : 03	Date: 20.07.2022

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

LAYOUT PLAN OF KORBANIGONJ 33/11KV GIS SUB-STATION

Sheet No : 01 of 02

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



LEGEND:

Land Area
 Building Area

- * Floor Height:
 - Ground Floor = 24.5 ft
 - 1st Floor (Cable) = 10.5 ft
 - 2nd Floor (Control & GIS) = 14.5 ft
- * Land Development- As regrd.
- * 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 Korbanigonj 2x20/26 MVA GIS Sub-station.	
Consultant : Niaz & Associates Ltd.	
Drawing No: N-13	
RIVISION NO : 02	Date: 20.07.2022

Korbanigonj Road

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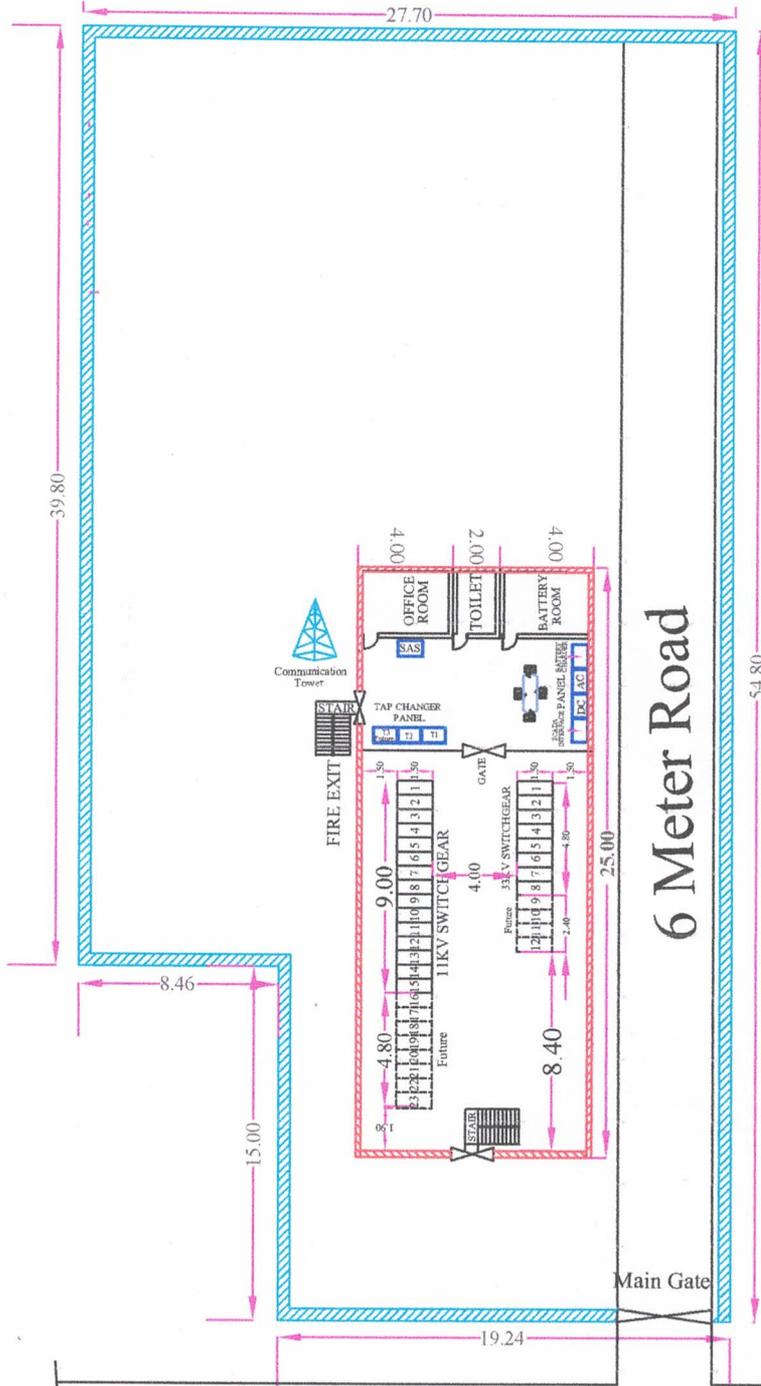
Satgen
 20.07.22
 Engr. Satyendra Nath Chakraborty
 Managing Director & T.L

LAYOUT PLAN OF KORBANIGONJ 33/11KV GIS SUB-STATION

(TRANSFORMER INDOOR)

Sheet No : 02 of 02

(2ND FLOOR, GIS SWITCHGEAR & CONTROL ROOM)



LEGEND:

- Land Area
- Building Area

- * Floor Height:
 - Ground Floor = 24.5 ft
 - 1st Floor (Cable) = 10.5 ft
 - 2nd Floor (Control & GIS) = 14.5 ft
- * Land Development- As regrd.
- * 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 Korbanigonj 2x20/26 MVA GIS Sub-station.	
Consultant : Niaz & Associates Ltd.	
Drawing No: N-13	
RIVISION NO : 02	Date: 20.07.2022

Korbanigonj Road

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20.07.22
Engr. Satyendra Nath Chakraborty
Project Engineer & T.I.

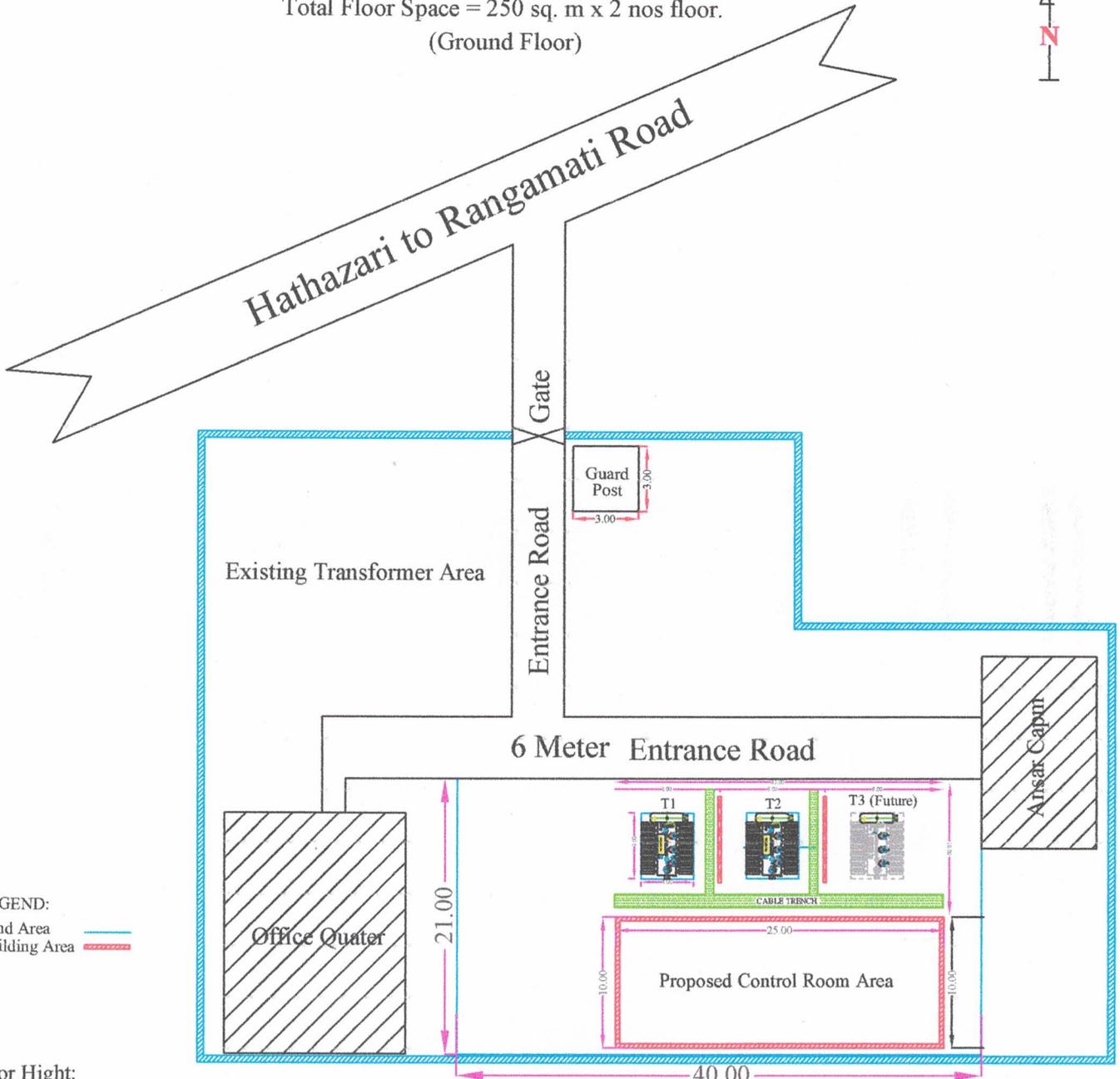
Layout Plan of Hathazari New 33/11 kV GIS S/S

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

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

(Ground Floor)

Sheet No : 01 of 02



LEGEND:
 Land Area
 Building Area

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

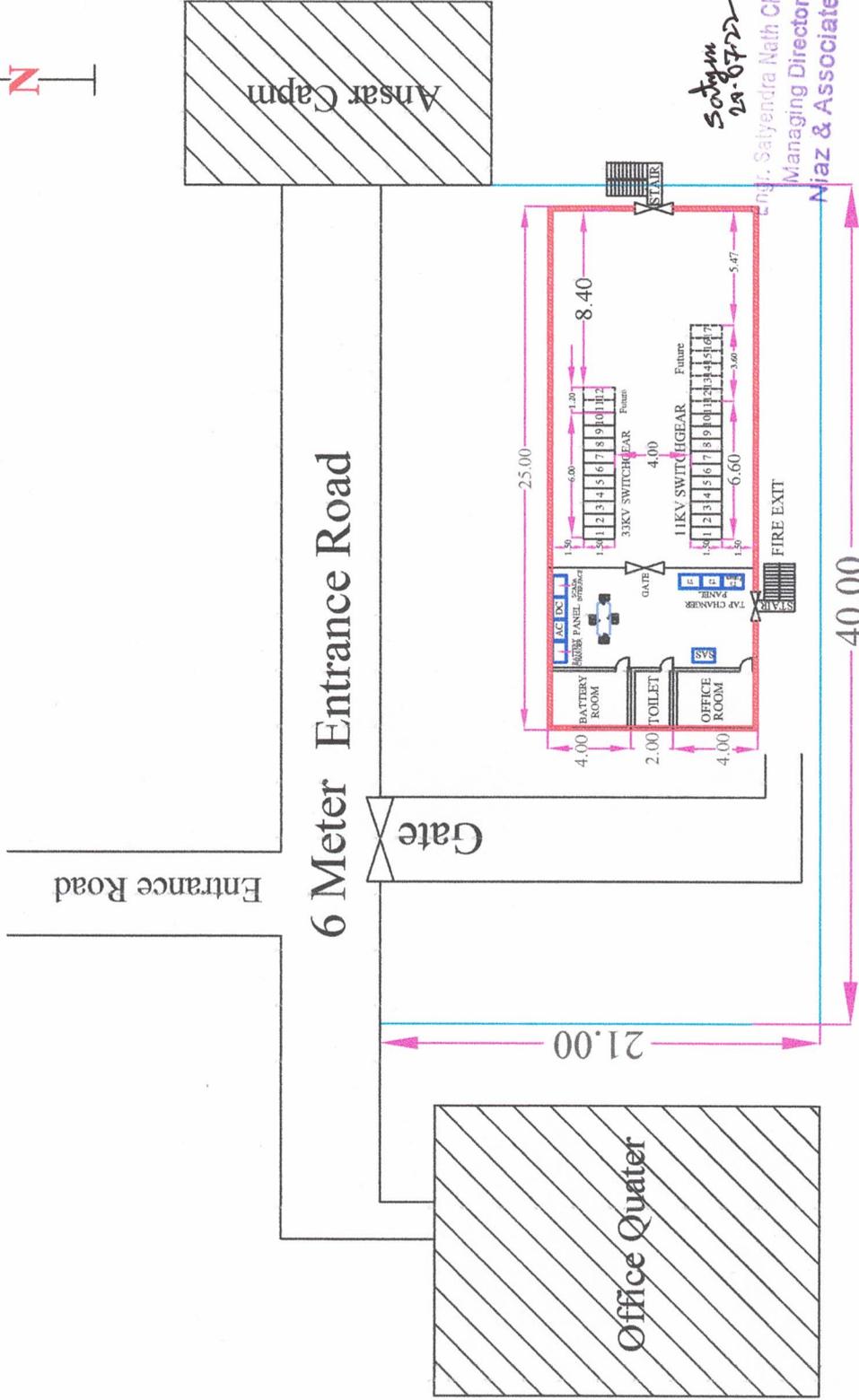
Project :	
Power Distribution System Development Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Layout Plan of Hathazari New 2x16/20 MVA GIS Sub-station.	
Consultant : Niaz & Associates Ltd.	
Drawing No:	
RIVISION NO : 01	Date: 20.07.2022

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

Layout Plan of Hathazari New 33/11 kV GIS S/S

Sheet No : 02 of 02

(1st Floor GIS & Control Room)



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

- Floor Hight:
 Ground/ Cable Floor = 10.5 ft
 Control & GIS Floor = 14.5 ft
 * Land Development- As regrd.
 * 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

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Project :	Power Distribution System Development Chotogram Zone (2nd Phase), BPDB, Chotogram.
Title :	Layout Plan of Hathazari New 2x16/20 MVA GIS Sub-station.
Consultant :	Niaz & Associates Ltd.
Drawing No:	
REVISION NO :	01
Date:	20.07.2022

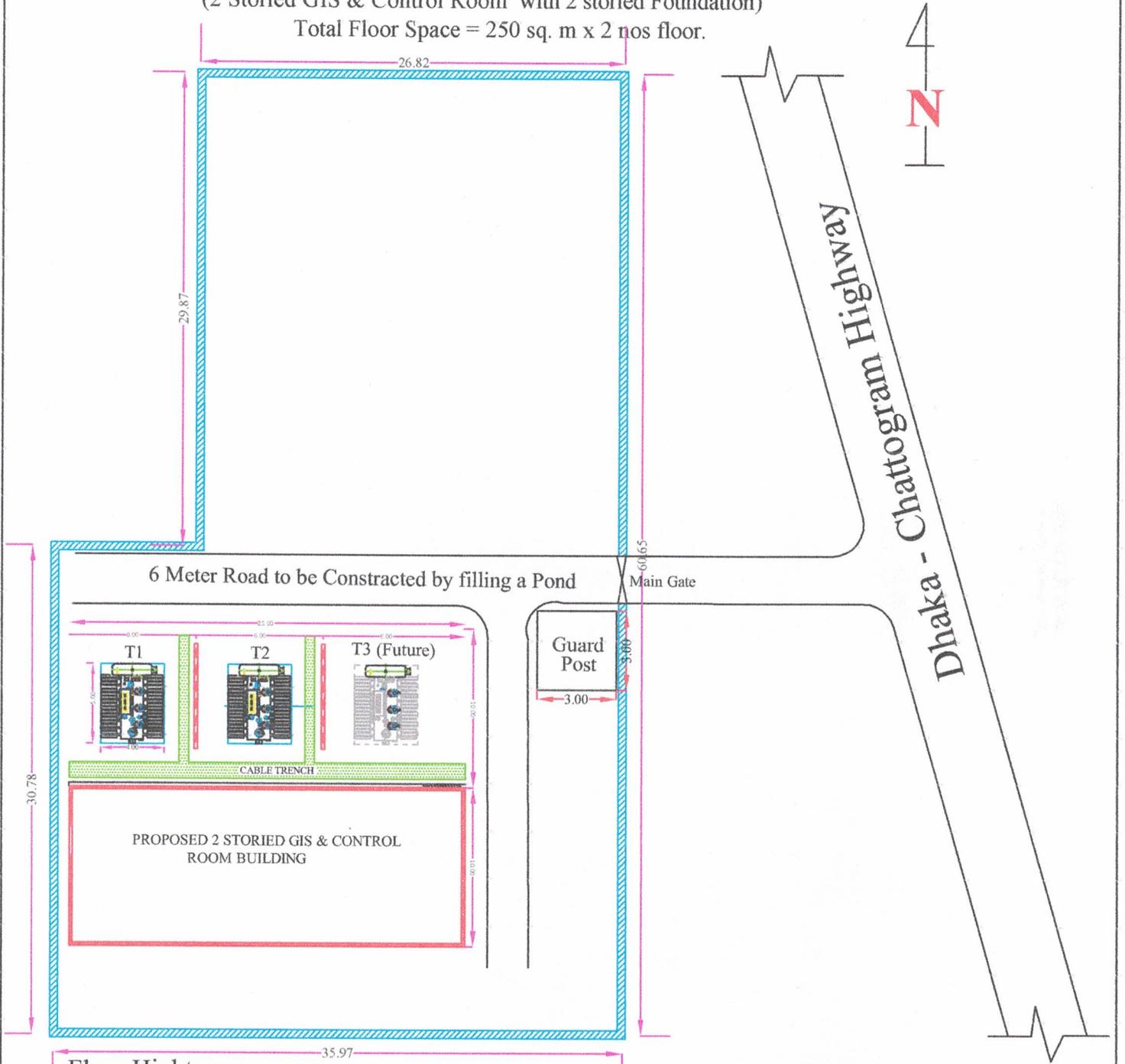
LAYOUT PLAN OF SITAKUNDA/FOKIRHAT 33/11KV GIS SUB-STATION

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 Hight:

Ground/ Cable Floor = 10.5 ft

Control & GIS Floor = 14.5 ft

* Land Development- As regrd.

* 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 ▨

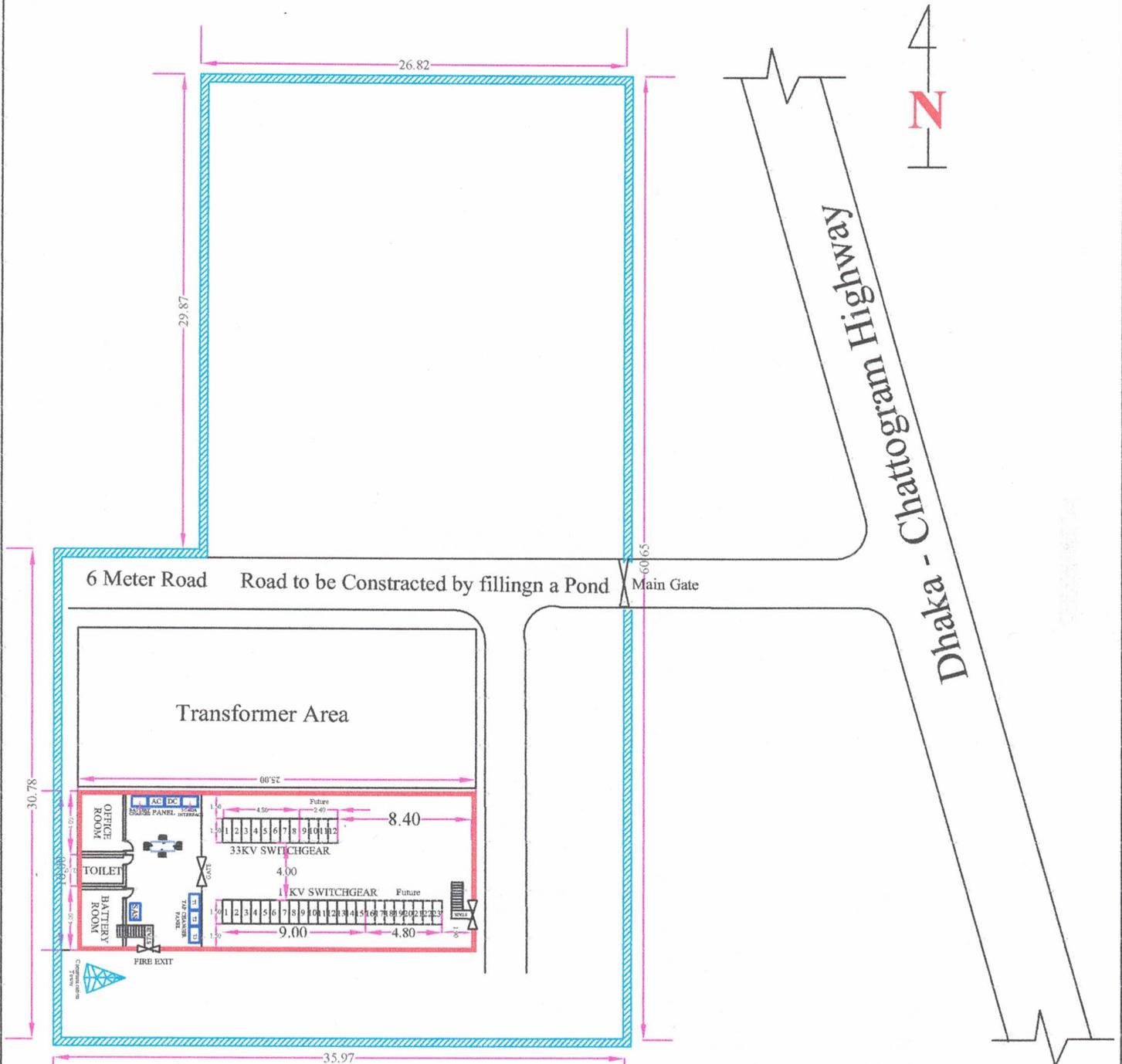
Project :	
Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Layout Plan of Sitakunda/Fokirhat 2x20/26 MVA GIS Sub-station.	
Consultant : Niaz & Associates Ltd.	
Drawing No: N-19	
RIVISION NO : 02	Date: 20.07.2022

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 Engr. Somen Nath Chakraborty

LAYOUT PLAN OF SITAKUNDA/FOKIRHAT 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
- * Land Development- As regrd.
 - * 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 Sitakunda/Fokirhat 2x20/26 MVA GIS Sub-station.	
Consultant : Niaz & Associates Ltd.	
Drawing No: N-19	
RIVISION NO : 02	Date: 20.07.2022

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LAYOUT PLAN OF NASIRABAD BOYS NEW 33/11KV GIS SUB-STATION

Transformer Outdoor, Ground Floor

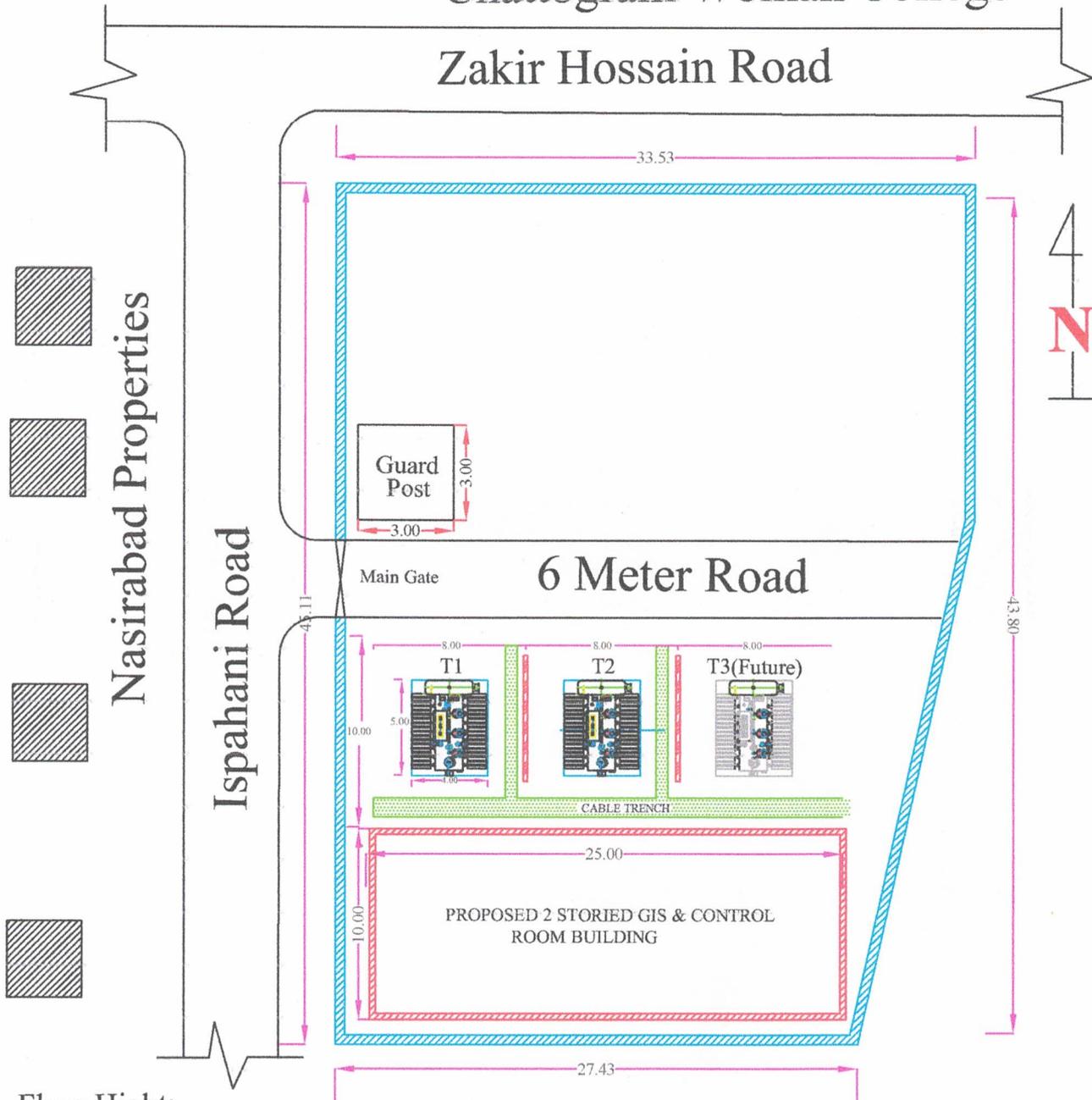
Sheet No : 01 of 02

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

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

Chattogram Woman College

Zakir Hossain Road



Floor Hight:

Ground/ Cable Floor = 10.5 ft

Control & GIS Floor = 14.5 ft

* Land Development- As regrd.

* 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 Nasirabad Boys New 2x20/26 MVA GIS Sub-station.

Consultant : Niaz & Associates Ltd.

Drawing No: N-16

RIVISION NO : 02

Date: 20.07.2022

Signature

Signature

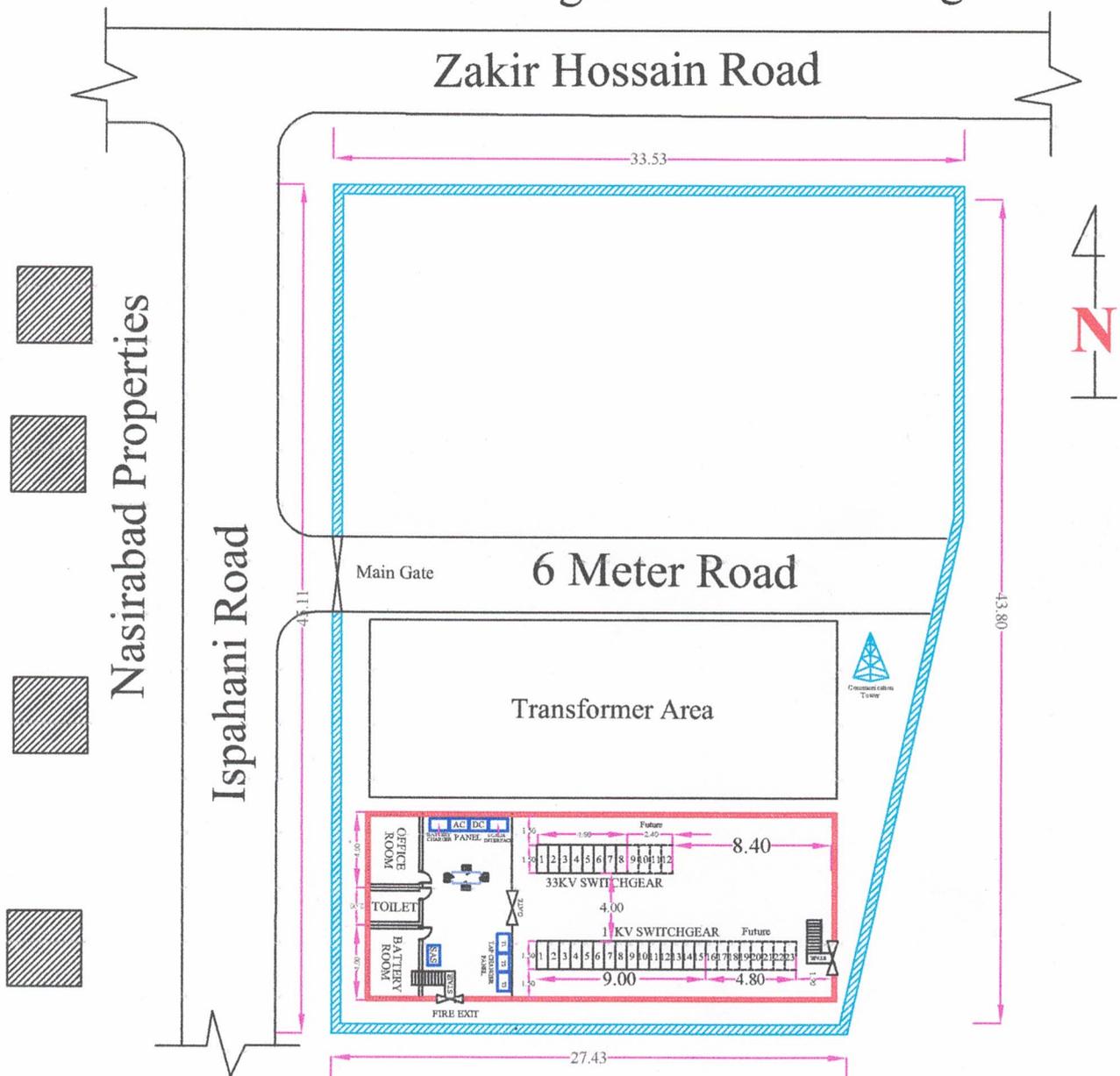
LAYOUT PLAN OF NASIRABAD BOYS NEW 33/11KV GIS SUB-STATION

(1st Floor GIS & Control Room)

Sheet No : 02 of 02

Chattogram Woman College

Zakir Hossain Road



Floor Hight:

Ground/ Cable Floor = 10.5 ft

Control & GIS Floor = 14.5 ft

* Land Development- As regrd.

* 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 Nasirabad Boys New 2x20/26 MVA GIS Sub-station.	
Consultant : Niaz & Associates Ltd.	
Drawing No: N-16	
RIVISION NO : 02	Date: 20.07.2022

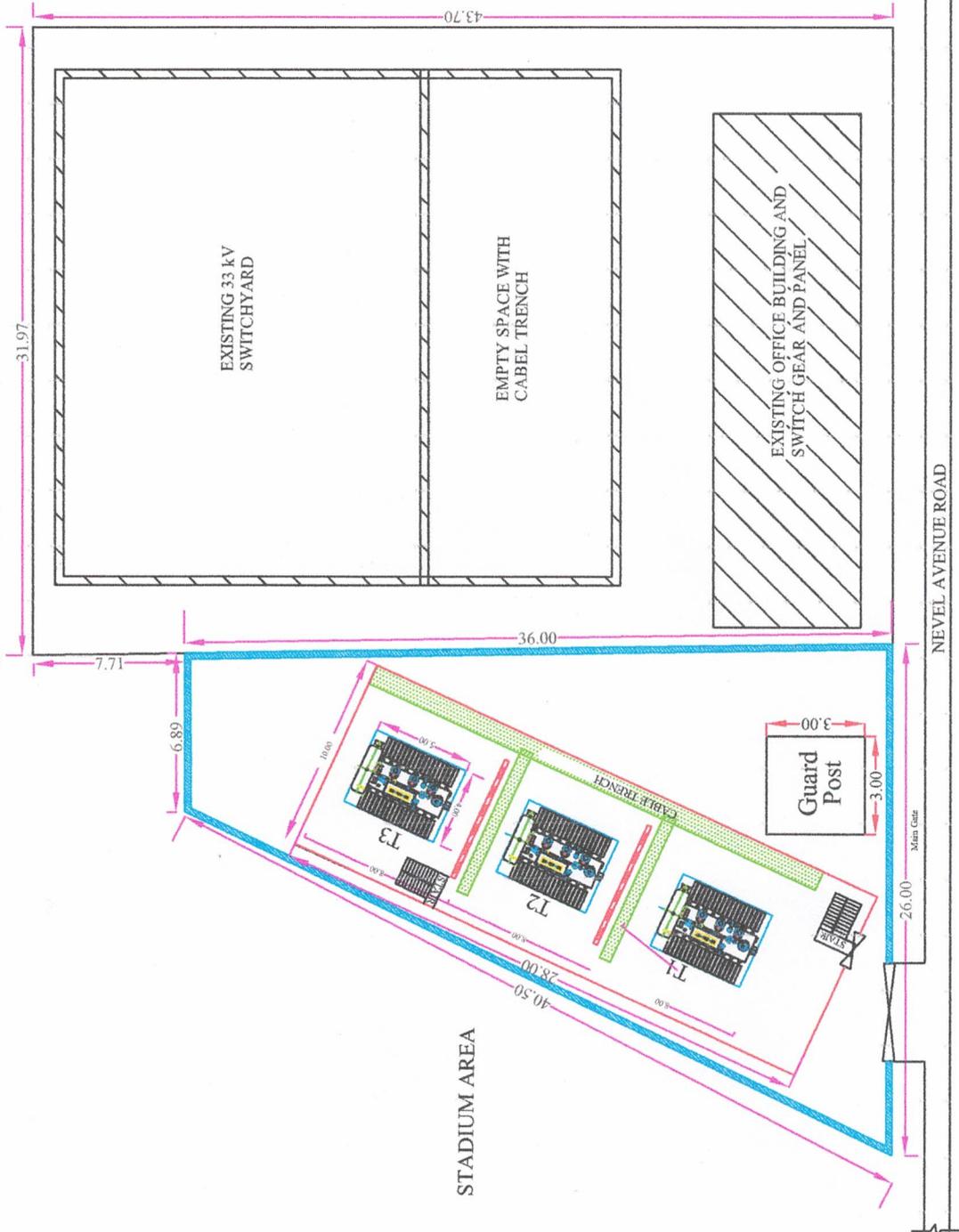
Satya
20.07.22
Chakraborty

LAYOUT PLAN OF UPGRADATION OF STADIUM 33/11KV, 3x16/20MVA to 3x20/26MVA
GIS SUBSTATION (TRANSFORMER INDOOR)

(GROUND FLOOR)

(3 Storied GIS & Control room and office with 3 storied Foundation)

Total Floor Space = 280 sq. m x 3 nos floor.



- * Floor Hight: Ground Floor-Transformer = 24.5 ft
- 1st Floor (Control & GIS) = 14.5 ft
- * Land Development- As regrd.
- * 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

Project	Power Distribution System Development Chittogram Zone (2nd Phase), BPDB, Chittogram.
Title	Layout Plan of Upgradation of Stadium Sub-station to GIS (proposed indoor).
Consultant	Niaz & Associates Ltd.
Drawing No	A-2
REVISION NO: 03	Date: 20.07.2022

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

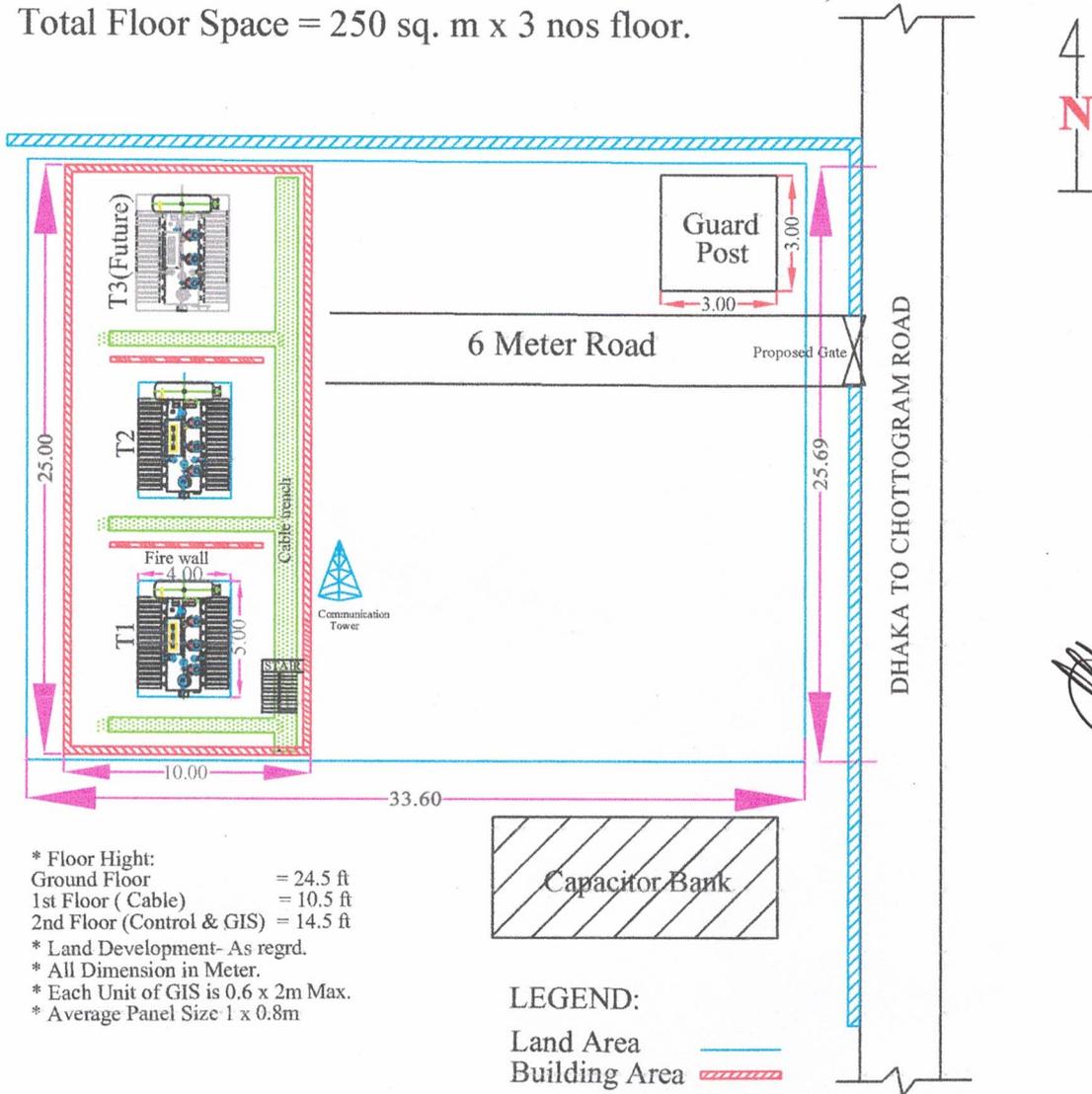
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Layout Plan of Upgradation of Baraulia 33/11 kV GIS S/S at Baraulia 132/33KV Grid S/S.

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 Hight:
 - Ground Floor = 24.5 ft
 - 1st Floor (Cable) = 10.5 ft
 - 2nd Floor (Control & GIS) = 14.5 ft
- * Land Development- As regrd.
- * 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

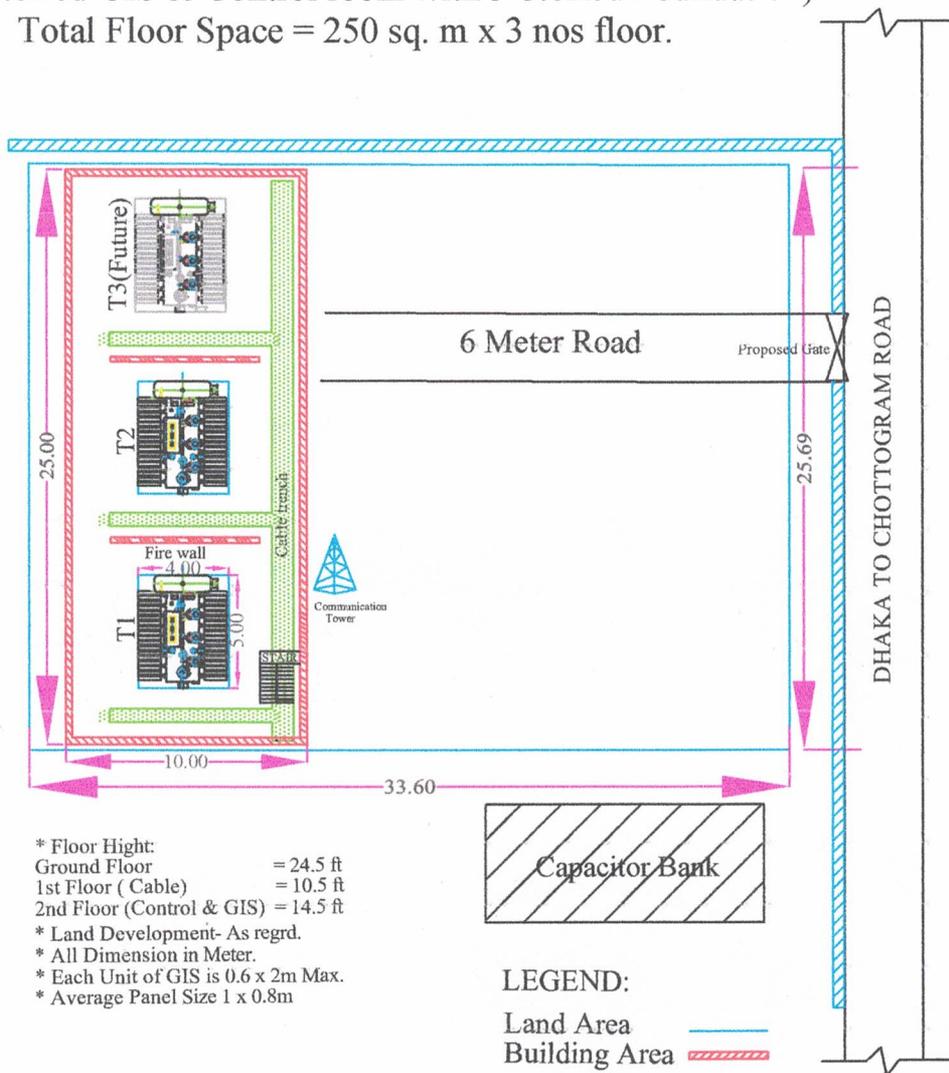
Project :	
Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Layout Plan of Upgradation of Baraulia 33/11 kV GIS Sub-station.	
Consultant : Niaz & Associates Ltd.	
Drawing No: A-1	
REVISION NO : 04	Date: 20.07.2022

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

Layout Plan of Upgradation of Baraulia 33/11 kV GIS S/S at Baraulia 132/33KV Grid S/S.

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.



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- * Floor Height:
 - Ground Floor = 24.5 ft
 - 1st Floor (Cable) = 10.5 ft
 - 2nd Floor (Control & GIS) = 14.5 ft
- * Land Development- As regrd.
- * 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 ▨

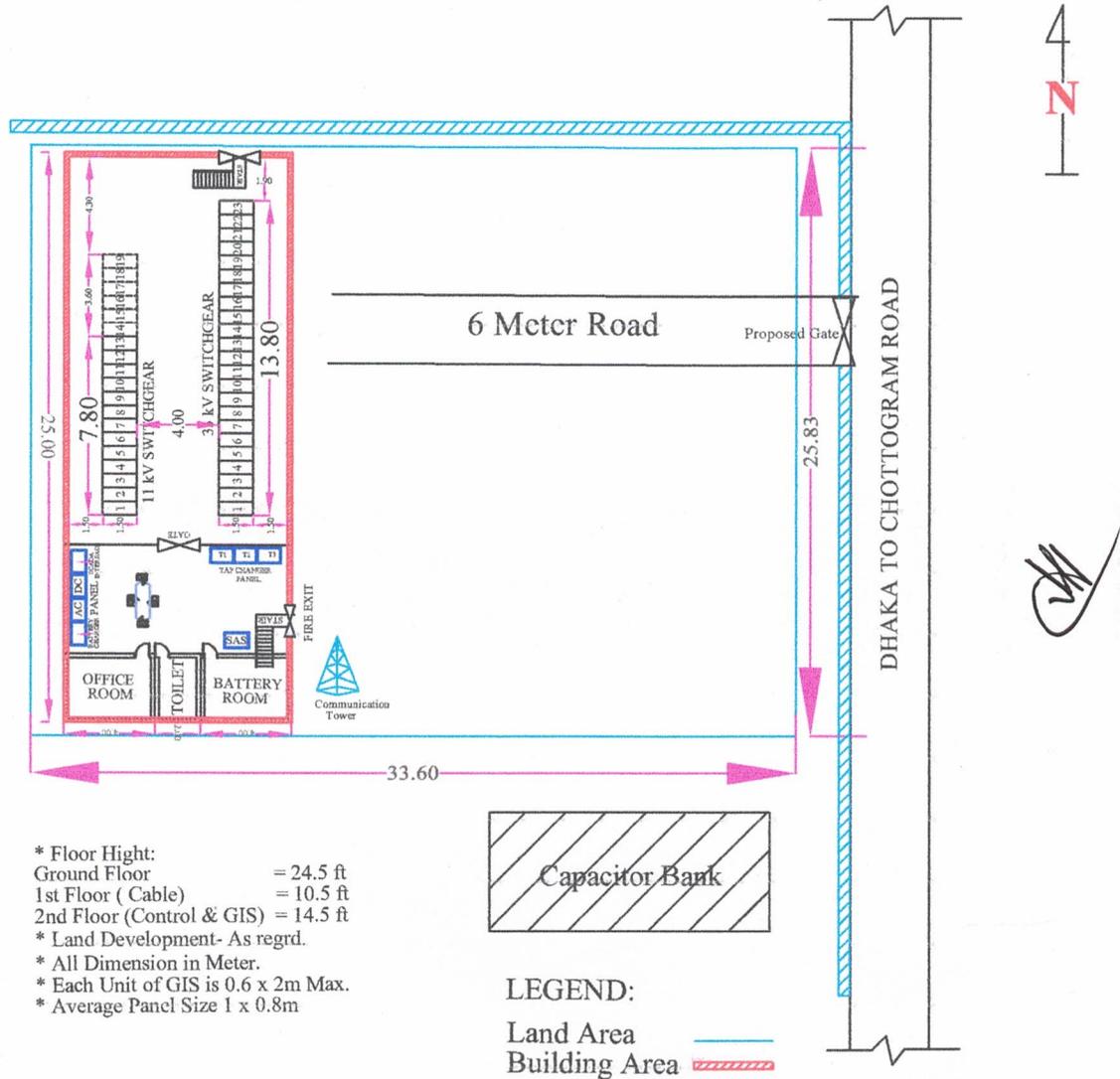
Project :	
Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Layout Plan of Upgradation of Baraulia 33/11 kV GIS Sub-station.	
Consultant : Niaz & Associates Ltd.	
Drawing No: A-1	
RIVISION NO : 04	Date: 20.07.2022

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

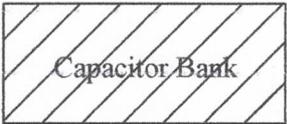
Layout Plan of Upgradation of Baraulia 33/11 kV GIS S/S at Baraulia 132/33KV Grid S/S.

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

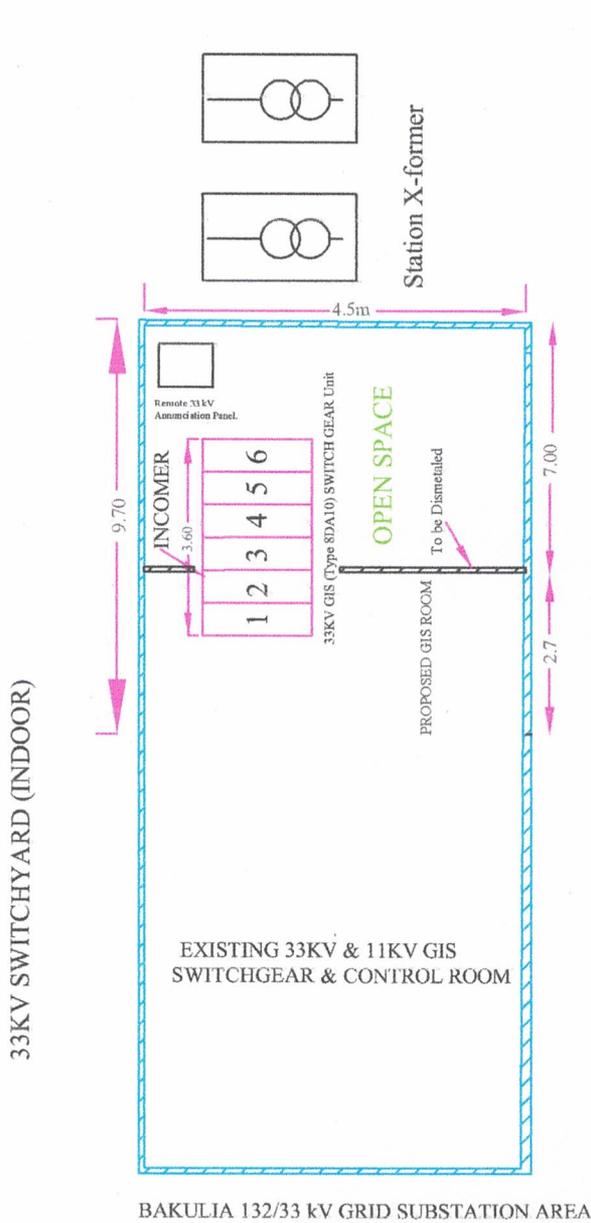


LEGEND:
Land Area
Building Area

Project : Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Layout Plan of Upgradation of Baraulia 33/11 kV GIS Sub-station.	
Consultant : Niaz & Associates Ltd.	
Drawing No: A-1	
REVISION NO : 04	Date: 20.07.2022

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

Layout Plan of 33KV Bay Extension at Bakulia from 32/33 KV Bakulia Grid Sub-station.



33 KV GIS Breaker for:

1. Incomer 33 KV GIS Breaker
2. Bus Coupler 33 KV GIS Breaker
3. Korbanigonj S/S 33 KV Ckt.-1
4. Korbanigonj S/S 33 KV Ckt.-2
5. Chawkbazar S/S 33 KV Ckt.-1
6. Chawkbazar S/S 33 KV Ckt.-2

- * Floor Development- As regrd.
- * All Dimensions are in Meter.
- * Each Unit of GIS is 0.6 x 2m Max.
- * Existing 4 pole structure & Bay equipment for Kalurghat line to be relocated

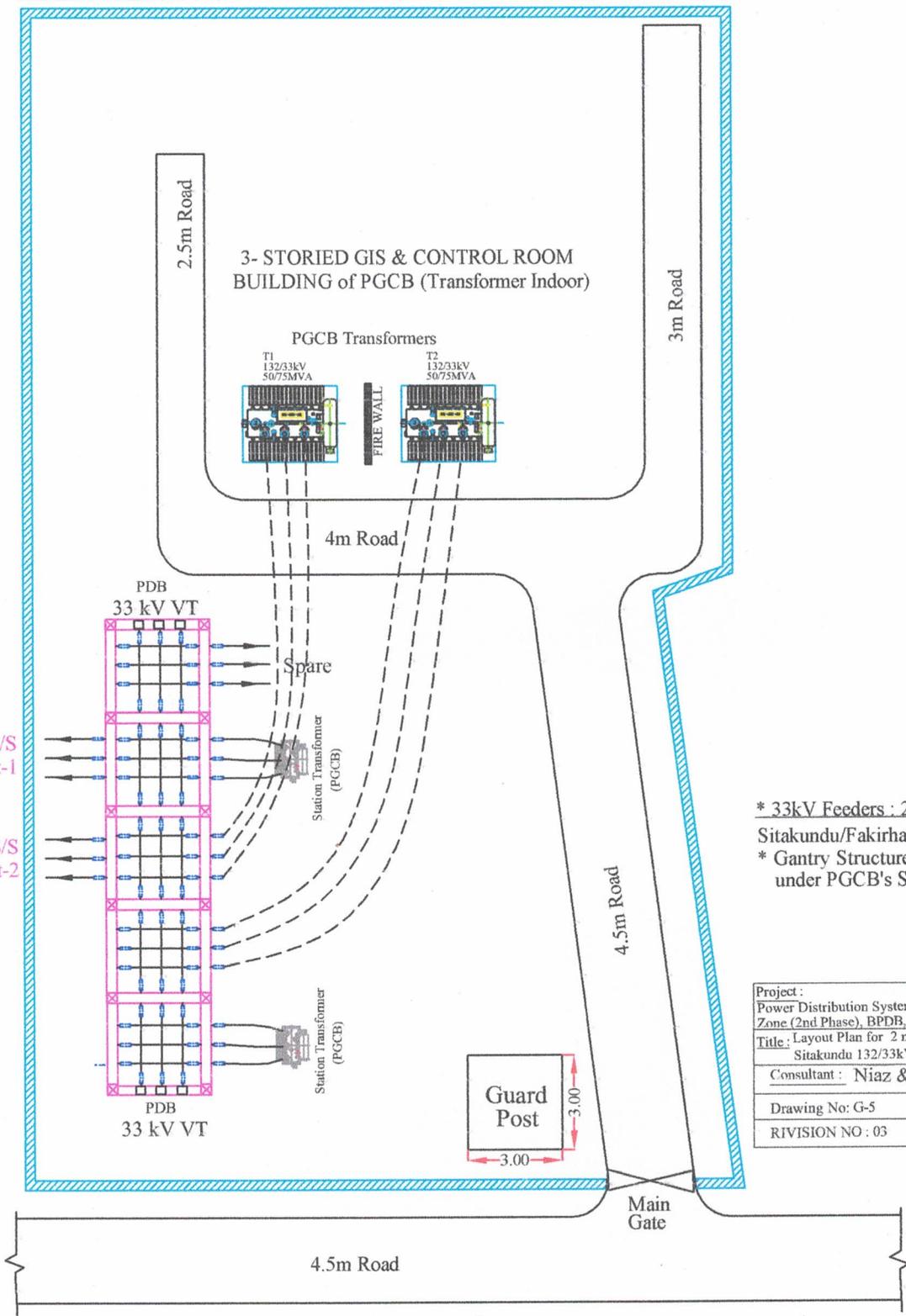
Project : Power Distribution System Development Chottogram Zone (2nd Phase), BPDB, Chottogram.	
Title : Layout Plan of Sending end Bays (4 Nos) at Bakulia 132/33 kV Grid Substation.	
Consultant : Niaz & Associates Ltd.	
Drawing No: G-9	
REVISION NO : 03	Date: 20.07.2022



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

Layout Plan for 2 nos. 33kV Bay Extension at Sitakundu 132/33KV Grid Substation



- * 33kV Feeders : 2 Nos.
- Sitakundu/Fakirhat Ckt-1 & 2
- * Gantry Structure & Bus bar under PGCB's Scope

Project :	
Power Distribution System Development Chattogram Zone (2nd Phase), BPDB, Chattogram.	
Title : Layout Plan for 2 nos. 33kV Bay Extension at Sitakundu 132/33kV Grid Substation	
Consultant : Niaz & Associates Ltd.	
Drawing No: G-5	
RIVISION NO : 03	Date: 20.07.2022

Satya
20.07.22
Engr. Satyendra Nath Chakraborty
Managing Director