



# JERICHO IMEX LIMITED



**OFFICE ADDRESS:  
HOUSE # 05,  
ROAD # 4, DOHS  
BANANI, DHAKA**

**FACTORY ADDRESS:  
PLOT # ....., MOUJA # .....,  
SHALNA, JOYDEBPUR,  
GAZIPUR**

**MANAGING DIRECTOR**

**A K M MOHAIMEN**



# CONSULTANT TEAM

**TEAM LEADER – MD. MAHBUBUL HASSAN CHOWDHURY  
FORMER MEMBER OF NIRAPON (STRUCTURAL SAFETY)**

## ARCHITECTURAL

**ARCHITECT . SHAHNEOAZ KHAN  
MIAB # K 140**

## STRUCTURAL

**MD. TAHMIDUL ISLAM TANVIR  
MIAEB # 23919  
RAJUK ENLISTMENT (DMINB) # CE 0402**

## ELECTRICAL

**ENGR. MOLLIK MAHFUZUR RAHAMAN  
MIEB # M-40395**

## PLUMBING

**ENGR. A K M KAMARUZZAMAN  
FIEB #  
RAJUK ENLISTMENT # CE -0117**

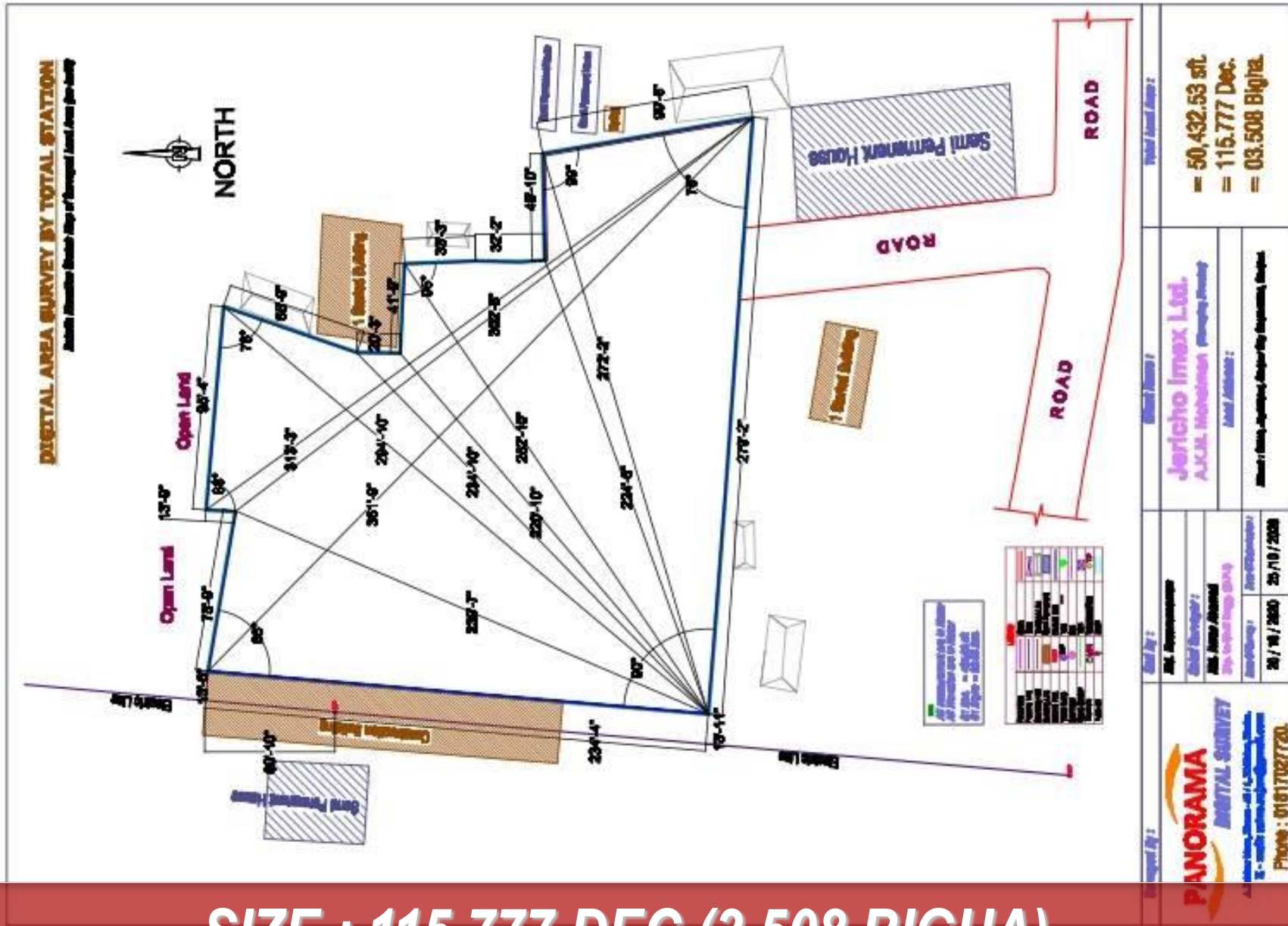
## FIRE

**ENGR. ANISUR RAHAMAN  
FIEB # F-09958**

## HVAC

**ENGR. KAZAL PRAMANIK  
HVAC CONSULTANT**

# LAND SURVEY INFORMATION



**SIZE : 115.777 DEC (3.508 BIGHA)**



***EXISTING SITE CONDITION***

***OPEN AREA WITH BOUNDARY  
WALL ON ALL SIDES***

***EXISTING LEVEL OF LAND IS  
ABOUT 10'-0" BELOW MAIN ROAD LEVEL.  
SO SAND FILLING WILL BE REQUIRED.***

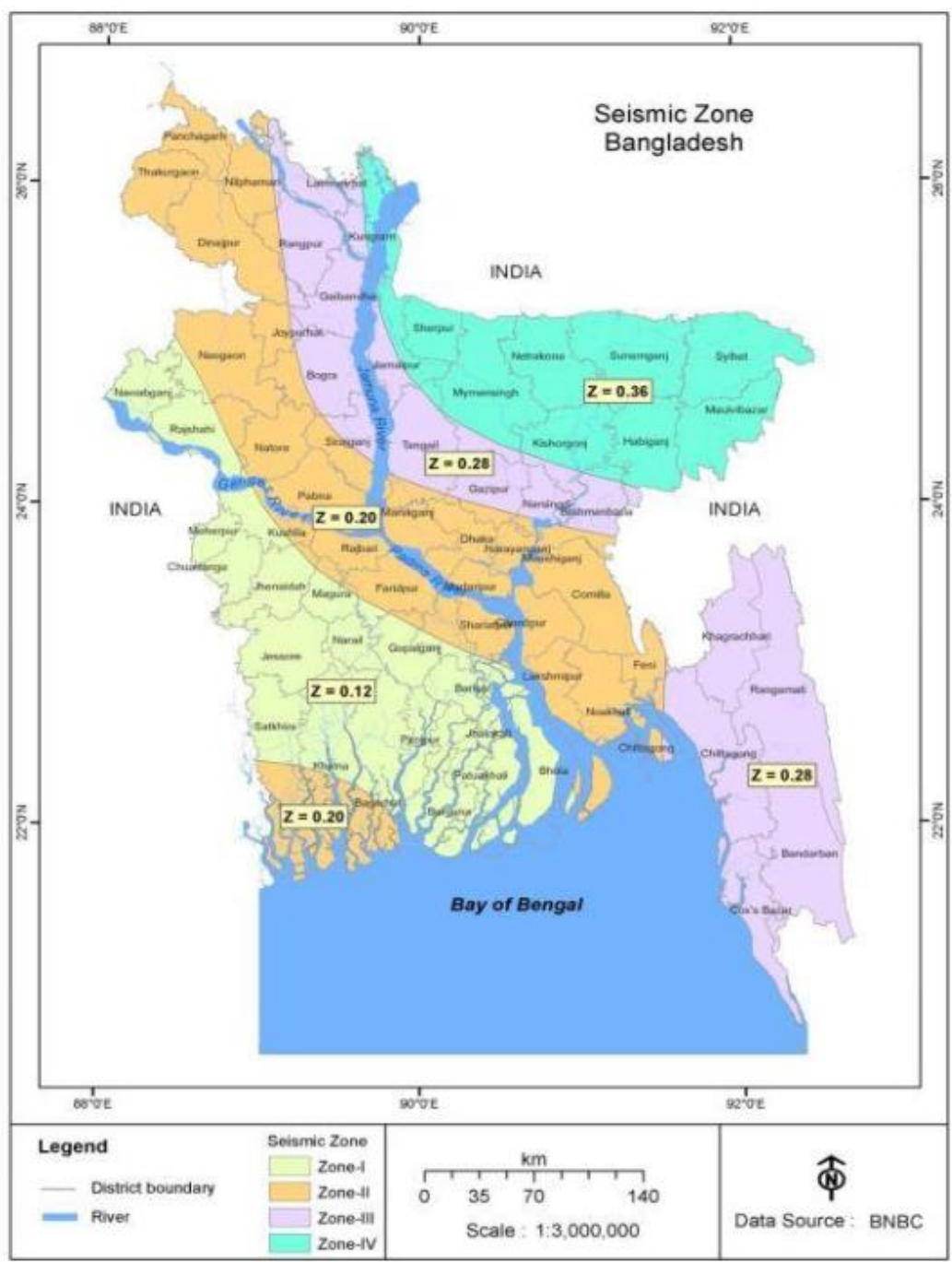
# LOCATION OF SITE AND EARTHQUAKE ZONING

The location of the project site is situated at NEAR OF FOREST OFFICE, BLOCK B, SOUTH SHALNA (NORTH), DHAKA MYMENSINGH ROAD EAST SIDE, GAZIPUR. This area is within the seismic zone-III as per BNBC 2020. The seismic intensity of the site is MODERATE. The seismic zone coefficient is 0.28. After performing the subsoil investigation, we have found the site classification to be: SC.



Figure: Location of Site on Map





# **SOIL TEST REPORT**

- ***In Soil Test Report Liquifaction found in layer below maximum 19.5 m from existing ground level. As per BNBC 2020 Deep Foundation (Cast in Situ pile / Pre cast pile should be Provided.***
- ***As per Soil Test Report Cast in Situ Pile Capacity (Ultimate) for 21.0 m length will be appx. 500 kip (250 MT)***
- ***Approximate Pile number required for Factory Building is Minimum 275 Nos and for Office Building 40 Nos***
- ***As per Soil Codition Siesmic Design Category is SDC -C***

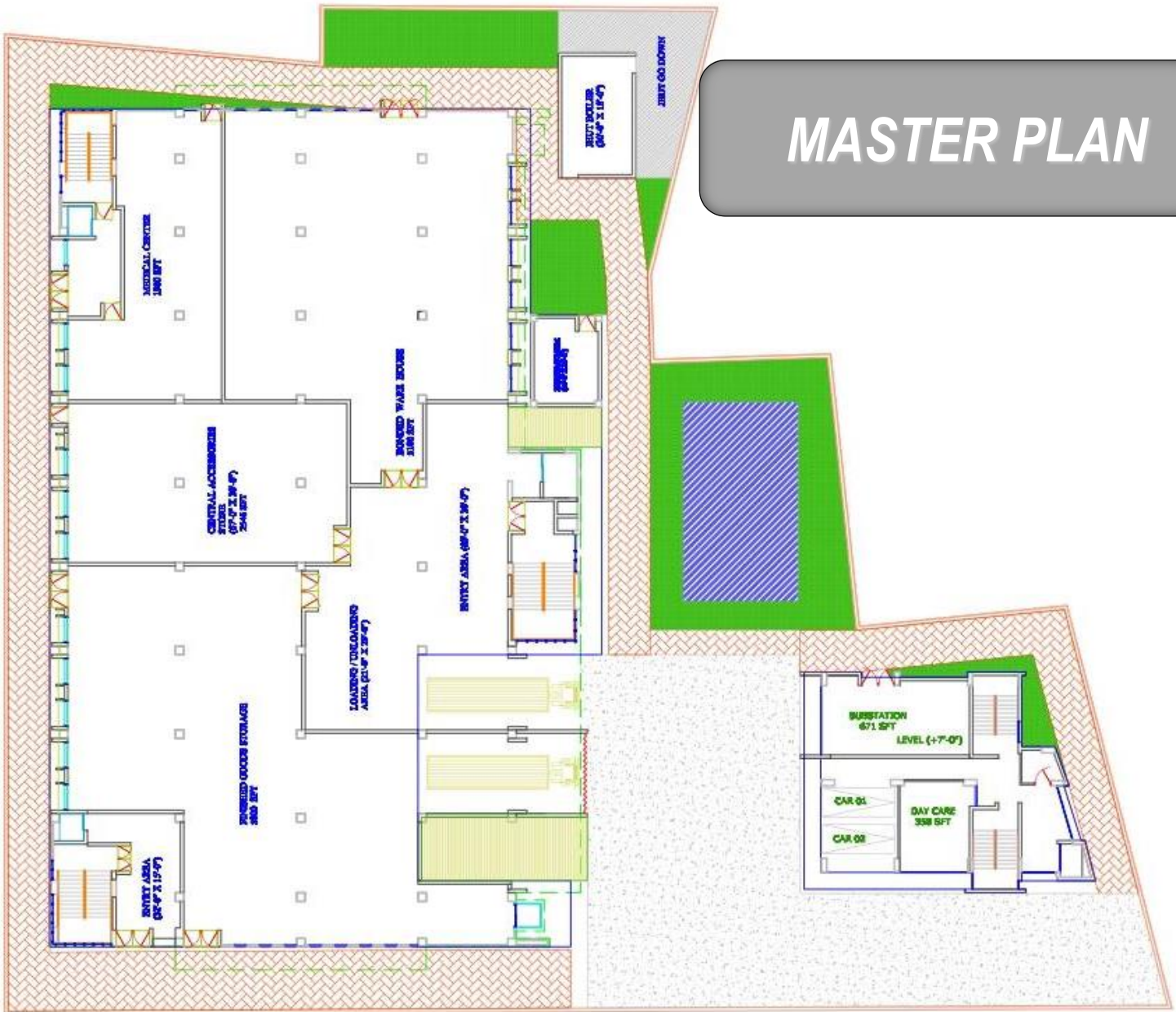


***MASTER PLAN***





# MASTER PLAN





# **BUILDING INFORMATION**

## **MAIN FACTORY BUILDING –**

- ***Six Storied building with One Basement.***
- ***Ground Floor Height will be 20'-0" and***
- ***Other Floors Height will be 12'-0"***
- ***Built Area of Each Floors will be 24,300 sft,  
Basement Area appx 5000 sft and Roof top area 3000 sft.***
- ***That is Total Built Area of Main Factory Building will be  
1,53,800 sft***
- ***03 Stairs, 01 Cargo Lift and 02 Passanger Lift***



# **BUILDING INFORMATION**

## **OFFICE BUILDING –**

- **Five Storied building with One Basement.**
- **Ground Floor Height will be 20'-0" and**
- **Other Floors Height will be 10'-6"**
- **Built Area of Each Floors will be 3090 sft,  
Basement Area appx 2100 sft and Roof top area 1000 sft.**
- **That is Total Built Area of Main Factory Building will be  
18, 550sft**
- **02 Stairs, 01 Passanger Lift**



## **BUILDING INFORMATION**

### **BOILER BUILDING**

**ONE STORIED BUILDING WITH HEIGHT 20'-0" , BUILT AREA 560 SFT**

### **ZHOOT STORAGE BUILDING**

**ONE STORIED BUILDING WITH HEIGHT 20'-0" , BUILT AREA 794 SFT**

### **FIRE PUMP ROOM**

**ONE STORIED BUILDING WITH HEIGHT 12'-0" BUILT AREA 300 SFT**

**INTERNAL ROAD (RCC)- 6600 SFT PAVED AREA**

**INTERNAL ROAD (HBB SOLING)- 7000 SFT PAVED AREA**



# 3 D PRESENTATION





# 3 D PRESENTATION





# 3 D PRESENTATION





# 3 D PRESENTATION





# 3 D PRESENTATION





# 3 D PRESENTATION



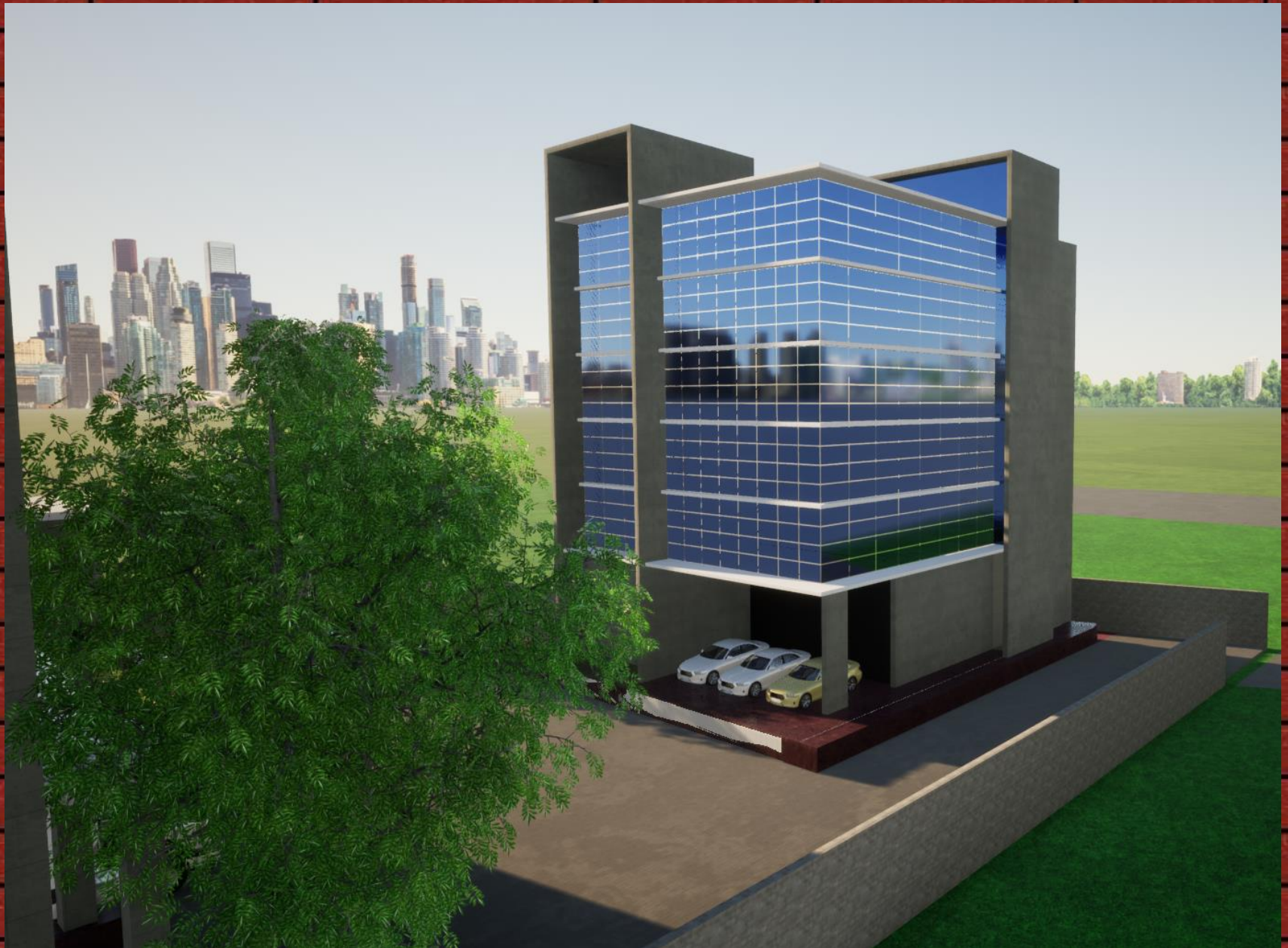


# 3 D PRESENTATION





# 3 D PRESENTATION



# FLOOR OCCUPANCY OF MAIN FACTORY BUILDING

Basement	Car Parking Area 4700 sft, Parking Capacity 15 Nos Vehicle
	Underground Water Reservoir for Fire Fighting Usage . Capacity 1,50,000 US Gallon
	Underground Water Reservoir for Domestic Usage Capacity 75,000 US Gallon
Ground Floor -24300 sft (Storage)	Finished Goods Storage 6100 sft
	Central Accessories Storage 2550 sft
	Bonded Ware House 5100 sft
	Medical Center 1900 sft
	Loading Unloading Area
	Entrance for Male Worker and Goods
	Entrance for Female Worker
First Floor -24300 sft (Finishing Line 03 )	03 Line Production Finishing Area
	Office Area
	Toilet Zone Separate for Male & Female.
	Idle Machine Area
	Open Storage Area
	After Wash Hydro Storage Area
Second Floor -24300 sft (Swing Line 06 )	06 Line Swing (Production) Area
	Each Line Contain 78 Nos Machine
	Toilet Zone Separate for Male & Female.
	Office Area
	Accssories Storage Area
	Idle Machine Area
	Bar Tag, Hang Tag Area



# FLOOR OCCUPANCY OF MAIN FACTORY BUILDING CONT..

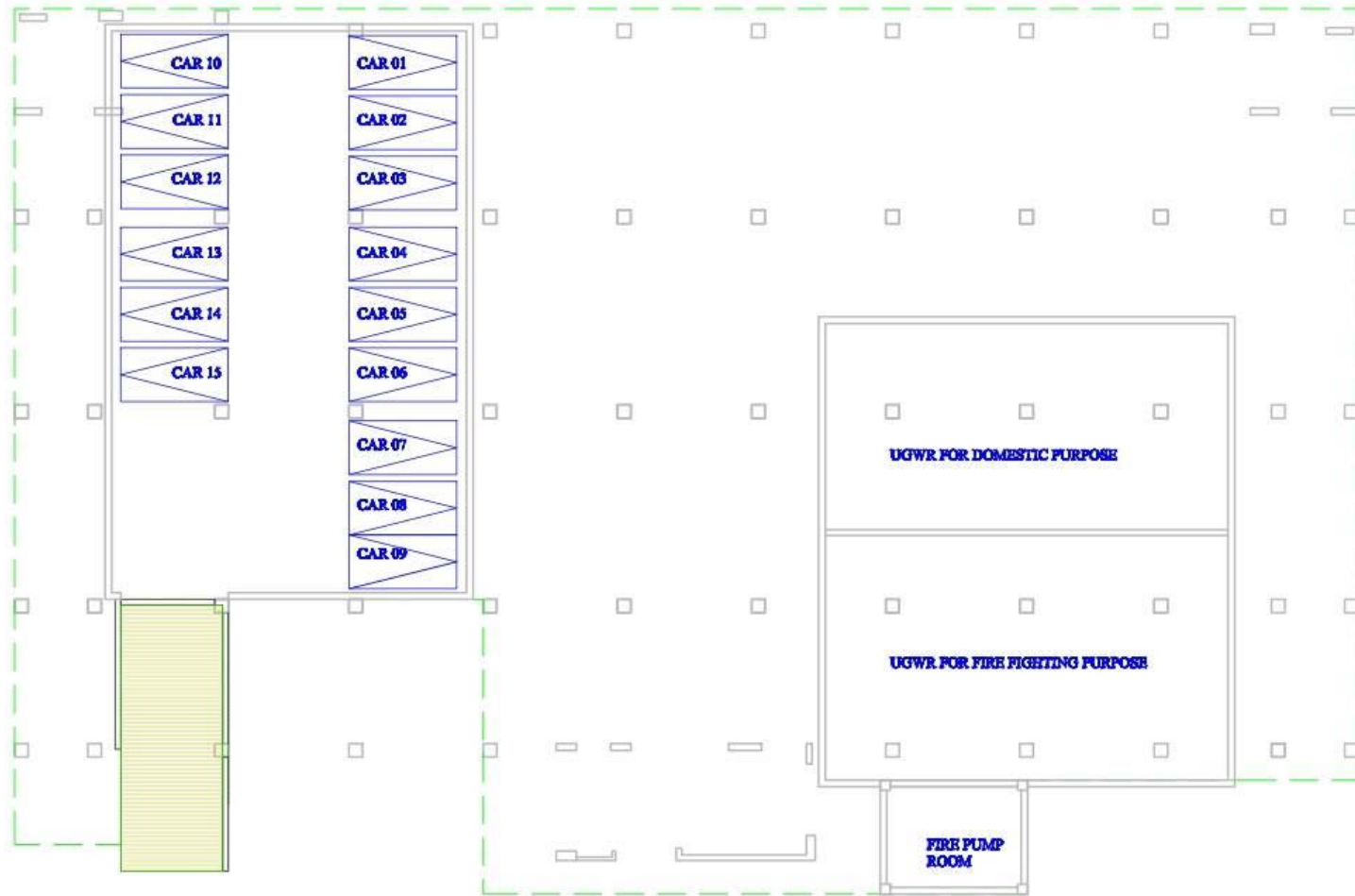
Third Floor -24300 sft (Cutting Line 03 )	Loading/ Unloading Area
	Fabric Relaxing Area
	Cutting area (03 Nos Cutting Table)
	Numbering Bunding Area
	Fusing Area
	Storage Area after Cutting
	Toilet Zone Separate for Male & Female.
Forth Floor -24300 sft (Canteen, Sample Section, Training, Prayer)	Canteen
	Officer's Canteen
	Sample Section
	Training Area
	Male Prayer Room with ablution area
	Female Prayer Room with ablution area
	Locker Area (Separate for male & Female)
Fifth Floor -24300 sft (For Future Provision )	03 Line Swing Machine
	01 Line Finishing
	Office Area
	Toilet Zone Separate for Male & Female.
	Others Miscelleneous
Roof -3000 sft	Guest House 900 sft
	Stair Chilakota, Lift Machine Room
	Overhead Water tank, Helipad

# FLOOR OCCUPANCY OF OFFICE BUILDING

Basement	Generator Room 750 sft
	Underground Water Reservoir 2000 gallon
Ground Floor 3090 sft	Substation 750 sft
	Car Parking Area
	Day Care Center 350 sft
	Toilet Zone
First Floor 3090 sft	Meeting Room (04 Nos)
	Toilet Zone
Second Floor 3090 sft	Workstation Area
	Office Area
	Toilet Zone
Third Floor 3090 sft	Workstation Area
	Office Area
	Toilet Zone
Forth Floor 3090 sft	Officer's Canteen
	Gymnasium
	Toilet Zone

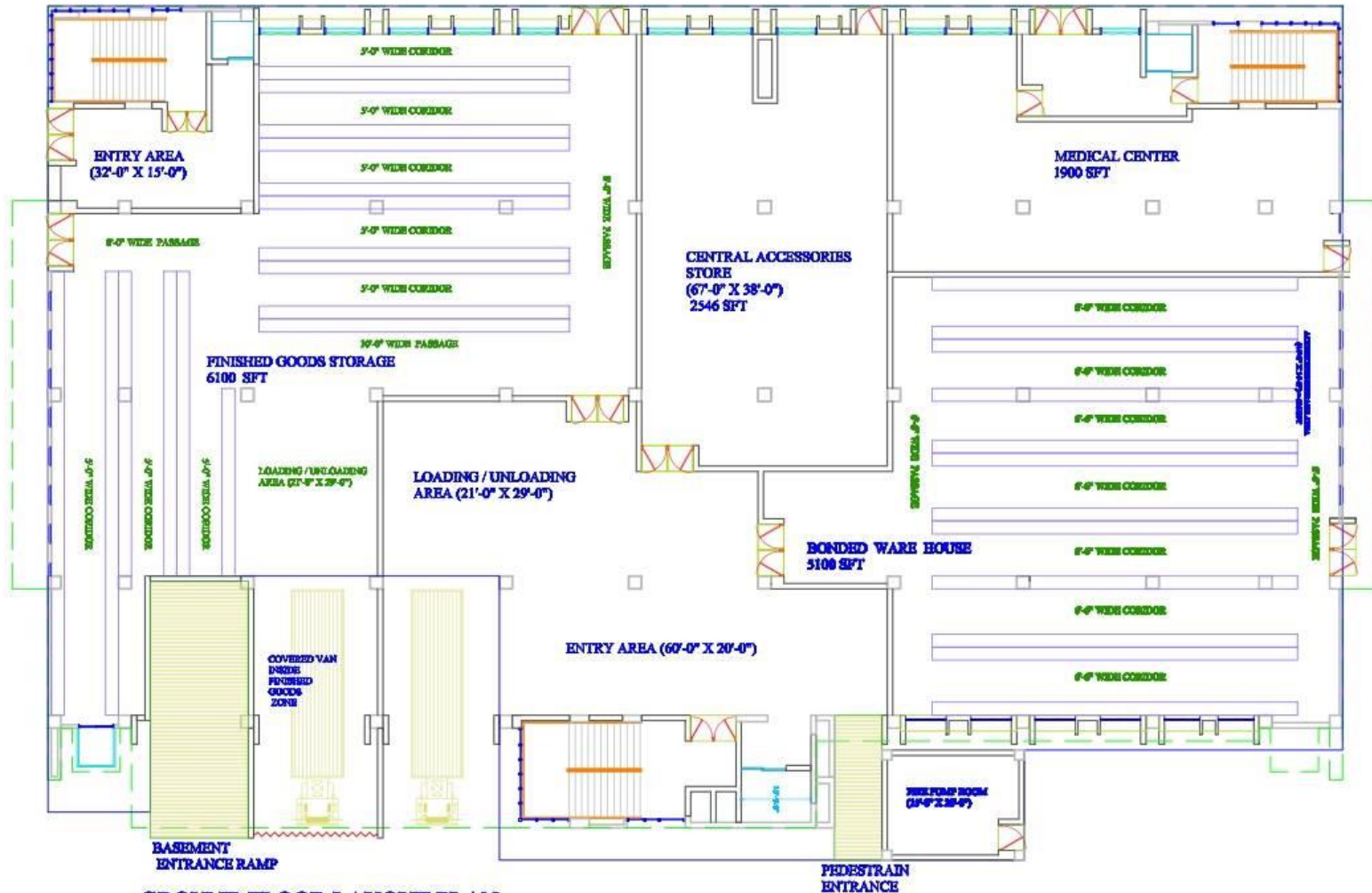


# FLOOR LAYOUT DRAWINGS (FACTORY BUILDING)



**BASEMENT FLOOR LAYOUT PLAN**  
**LEVEL -8'-0" FROM ROAD LEVEL**  
**HEIGHT 10'-0"**

# FLOOR LAYOUT DRAWINGS (FACTORY BUILDING)



**GROUND FLOOR LAYOUT PLAN**  
**LEVEL 2'-0" FROM ROAD LEVEL**  
**HEIGHT 20'-0"**



# FLOOR LAYOUT DRAWINGS (FACTORY BUILDING)



FIRST FLOOR LAYOUT PLAN  
LEVEL 22'-0" FROM ROAD LEVEL  
HEIGHT 12'-0"

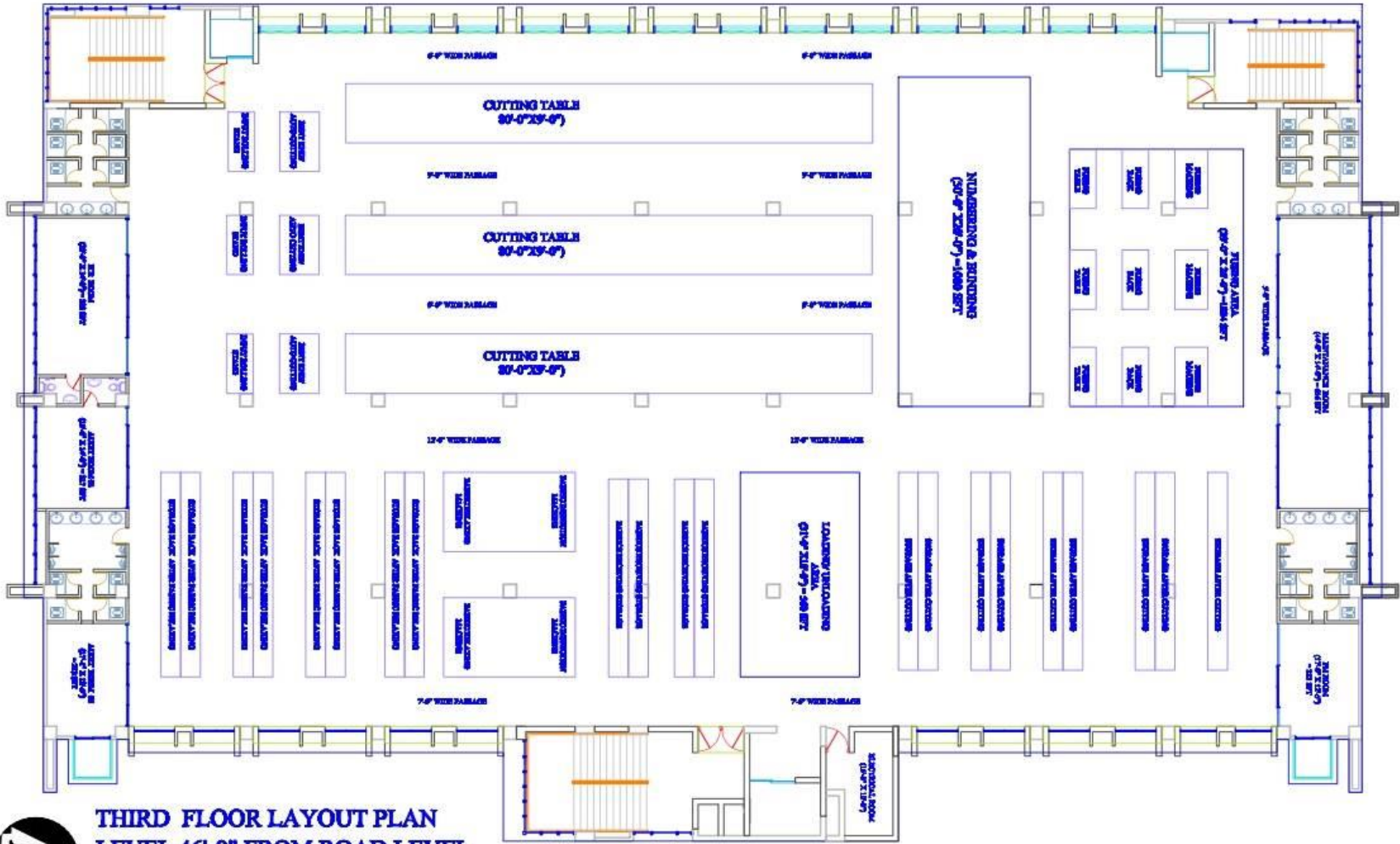


# FLOOR LAYOUT DRAWINGS (FACTORY BUILDING)



SECOND FLOOR LAYOUT PLAN  
LEVEL 34'-0" FROM ROAD LEVEL  
HEIGHT 12'-0"

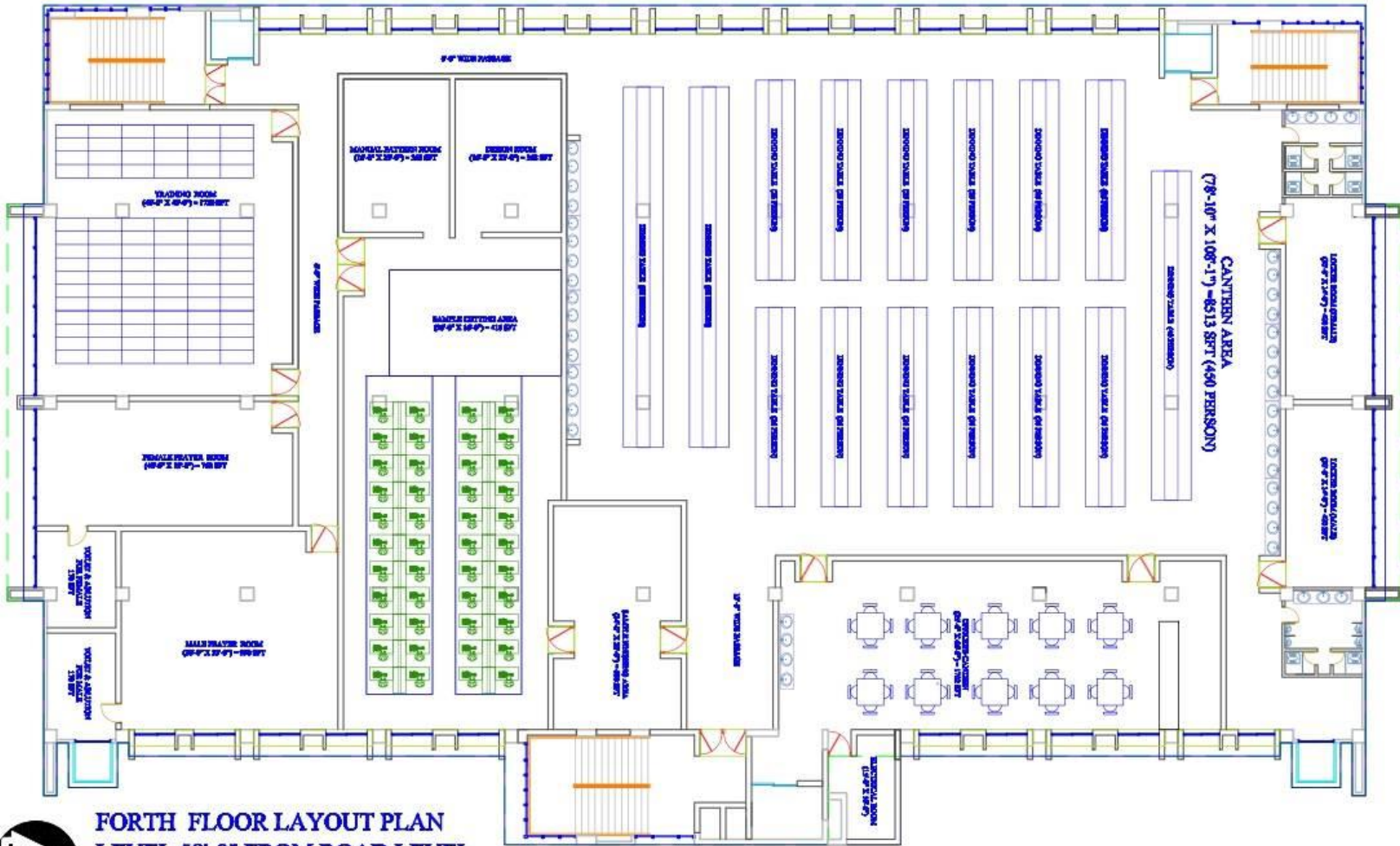
# FLOOR LAYOUT DRAWINGS (FACTORY BUILDING)



**THIRD FLOOR LAYOUT PLAN**  
**LEVEL 46'-0" FROM ROAD LEVEL**  
**HEIGHT 12'-0"**



# FLOOR LAYOUT DRAWINGS (FACTORY BUILDING)



FORTH FLOOR LAYOUT PLAN  
LEVEL 58'-0" FROM ROAD LEVEL  
HEIGHT 12'-0"

# FLOOR LAYOUT DRAWINGS (FACTORY BUILDING)

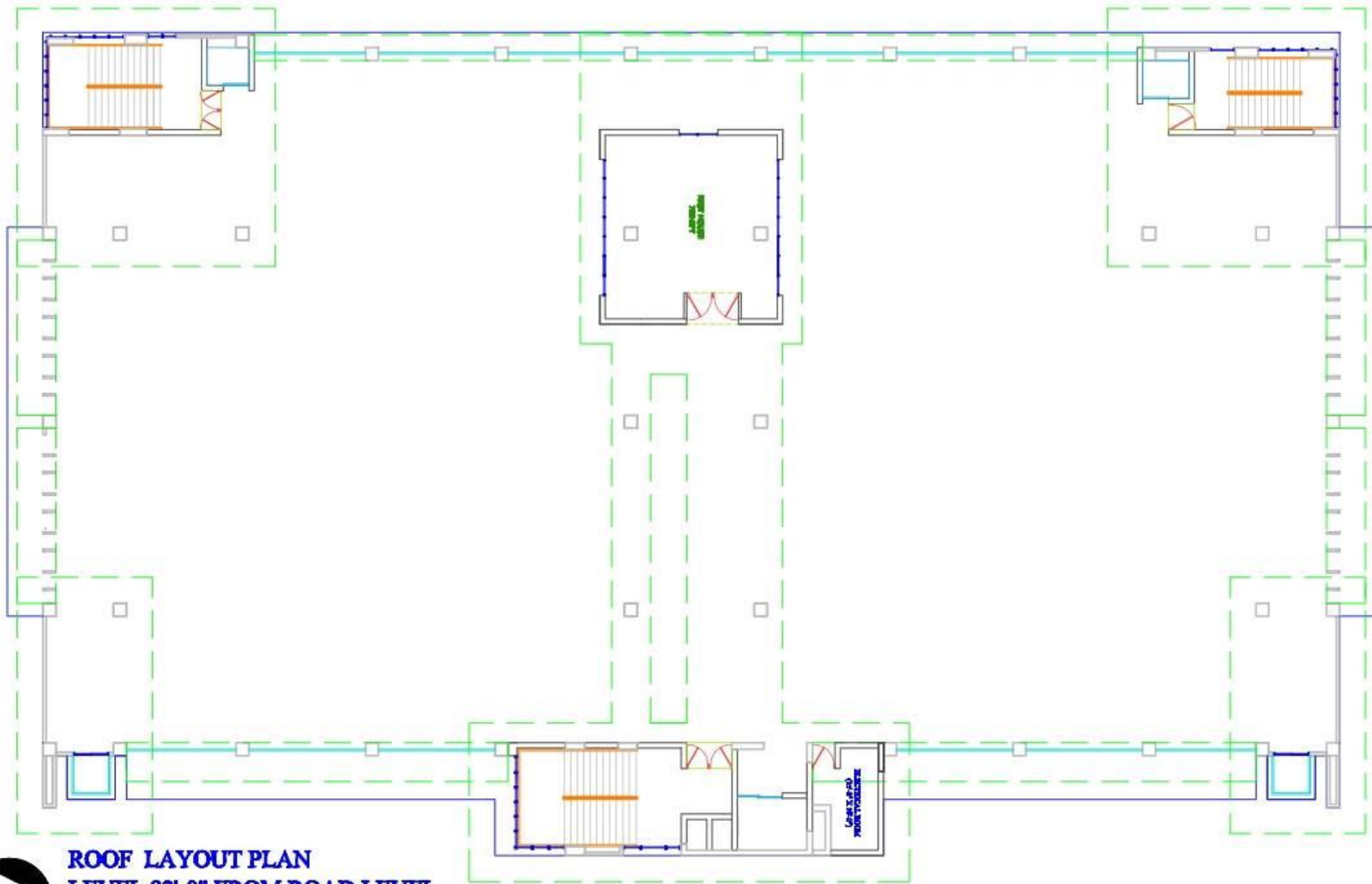


**FIFTH FLOOR LAYOUT PLAN**  
**LEVEL 70'-0" FROM ROAD LEVEL**  
**HEIGHT 12'-0"**



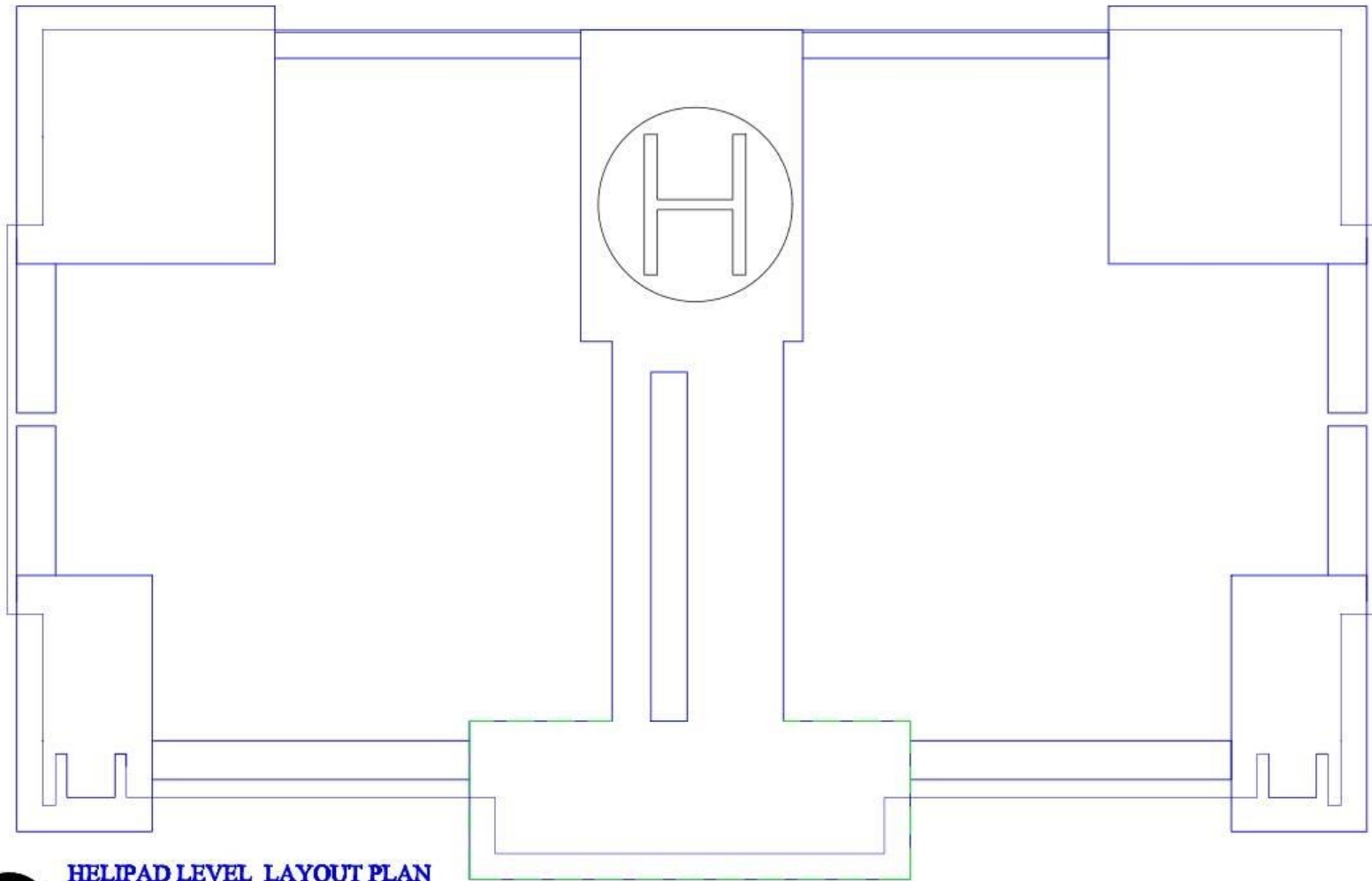


# FLOOR LAYOUT DRAWINGS (FACTORY BUILDING)



**ROOF LAYOUT PLAN**  
**LEVEL 82'-0" FROM ROAD LEVEL**  
**HEIGHT 12'-0"**

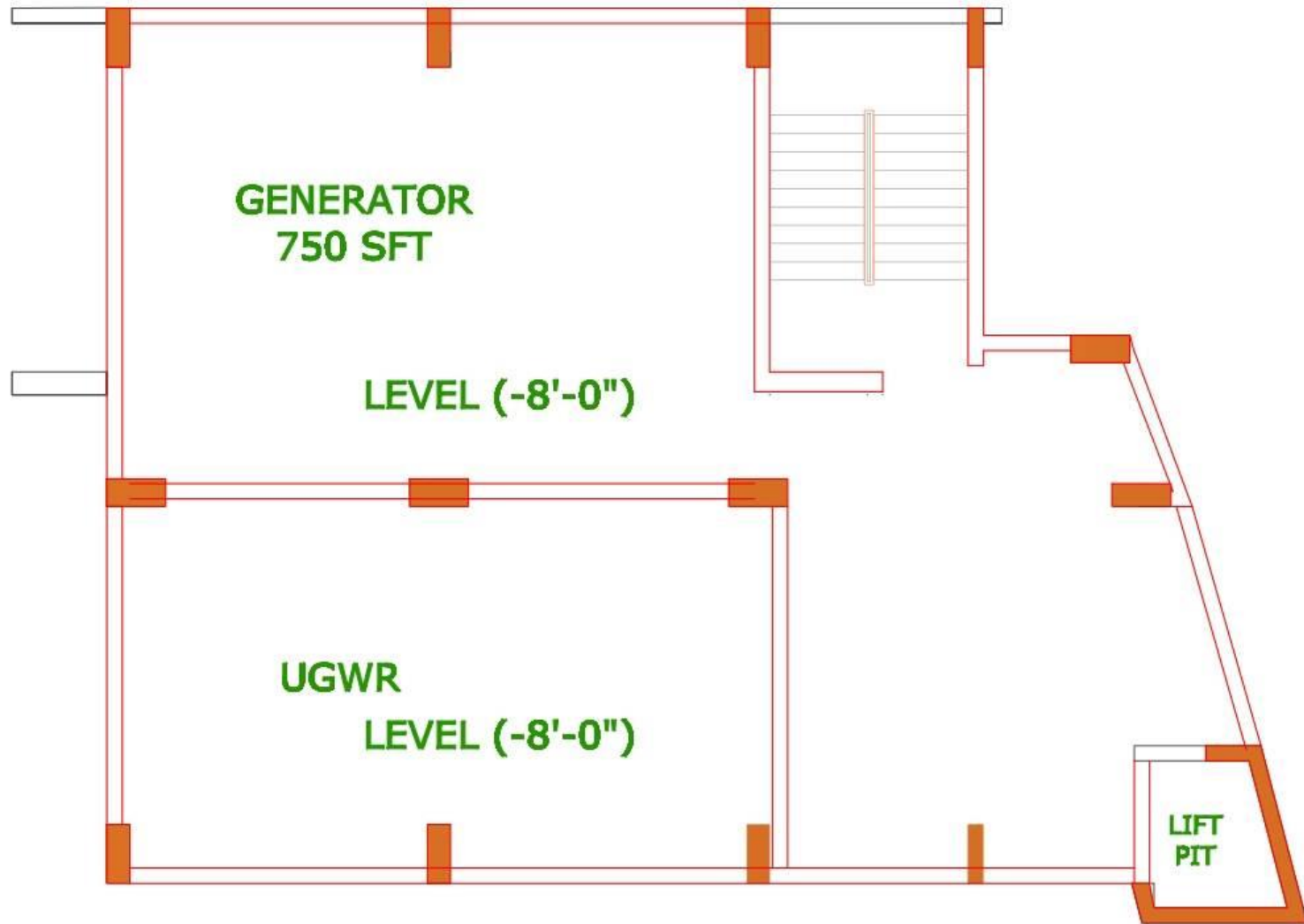
# FLOOR LAYOUT DRAWINGS (FACTORY BUILDING)



HELIPAD LEVEL LAYOUT PLAN  
LEVEL 94'-0" FROM ROAD LEVEL  
HEIGHT 12'-0"

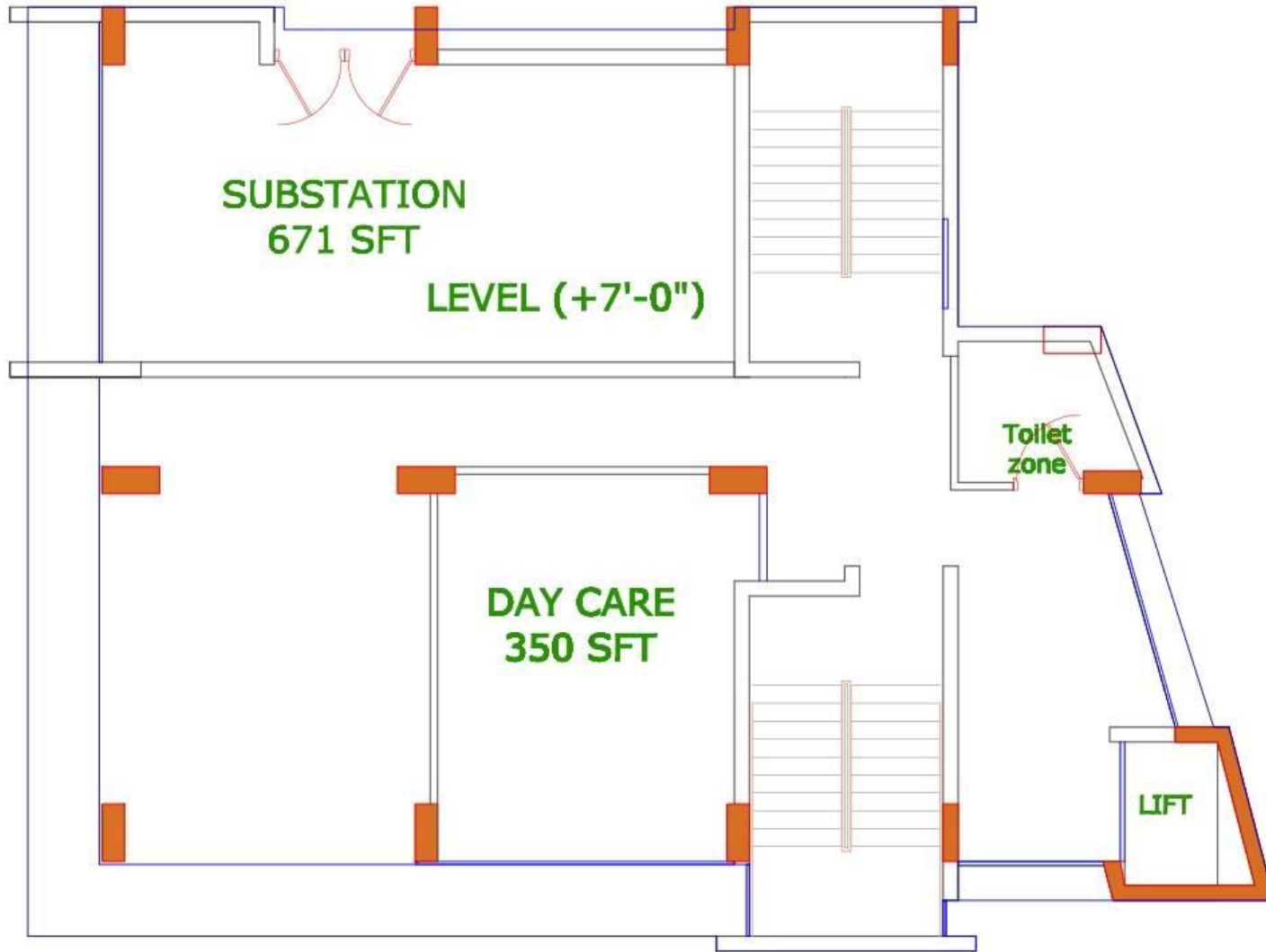


# FLOOR LAYOUT DRAWINGS (OFFICE BUILDING)



**BASEMENT FLOOR LAYOUT (-8'-0")**

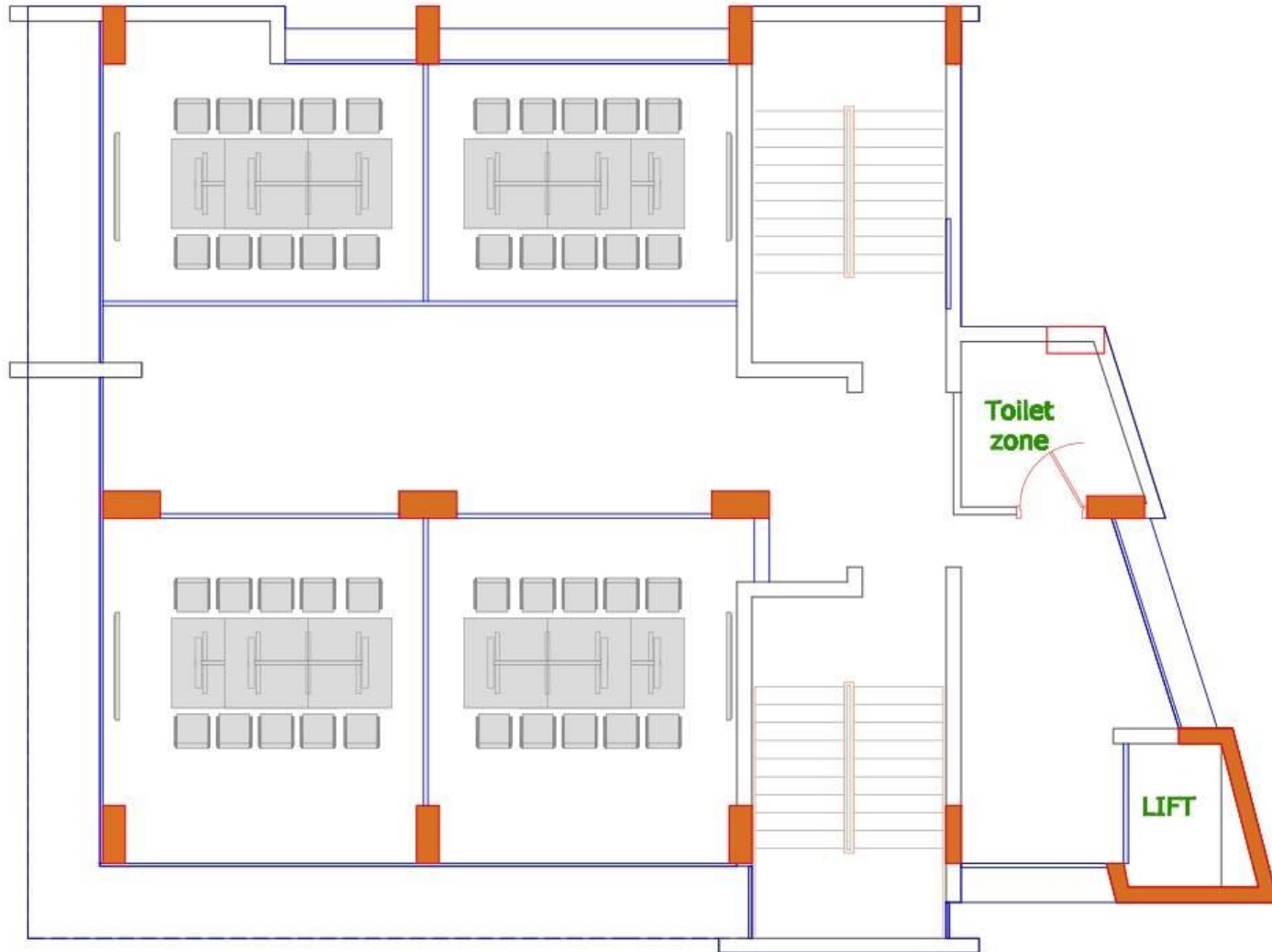
# FLOOR LAYOUT DRAWINGS (OFFICE BUILDING)



GROUND FLOOR LAYOUT (+2'-0")

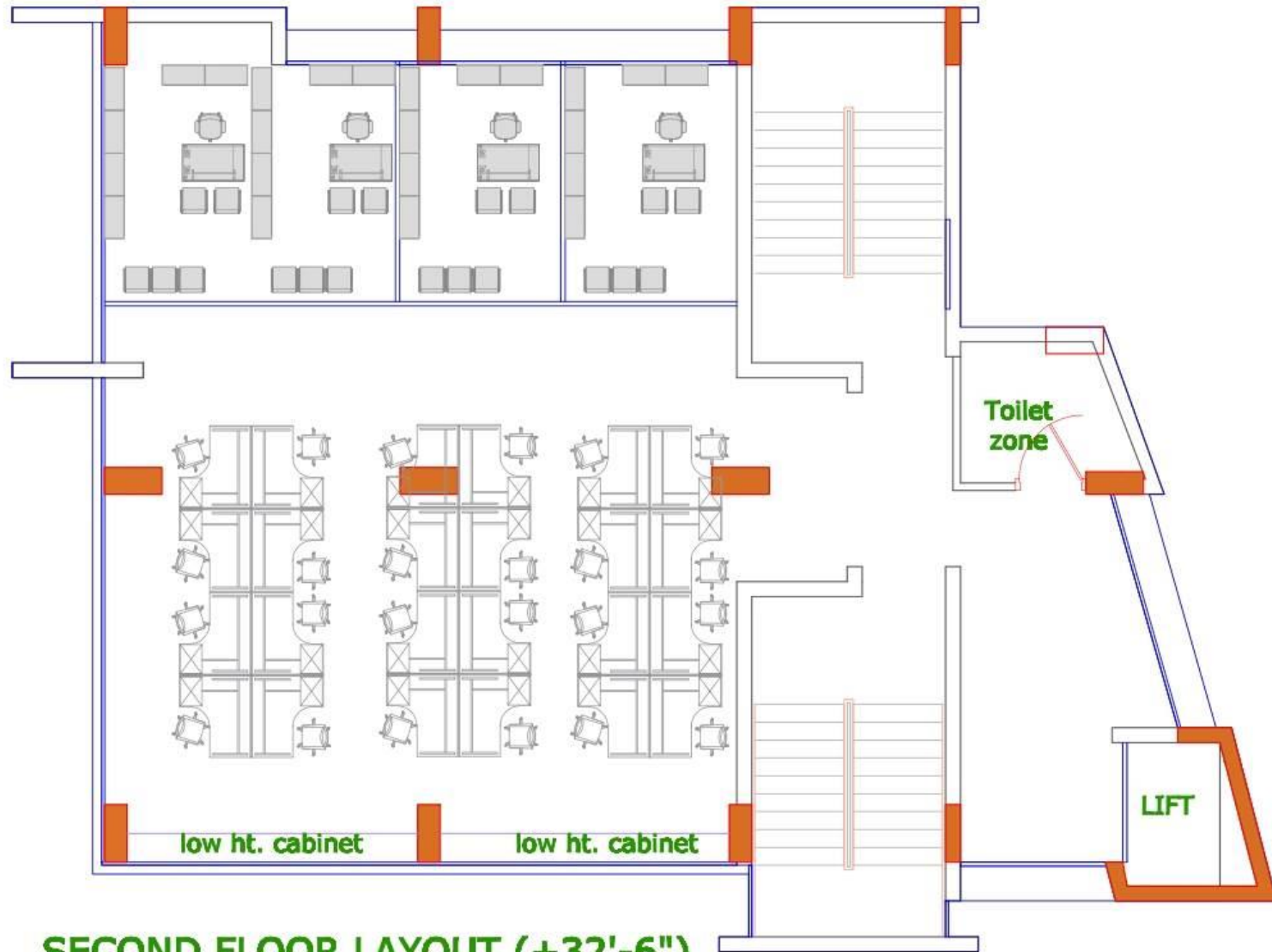


# FLOOR LAYOUT DRAWINGS (OFFICE BUILDING)



FIRST FLOOR LAYOUT (+22'-0")

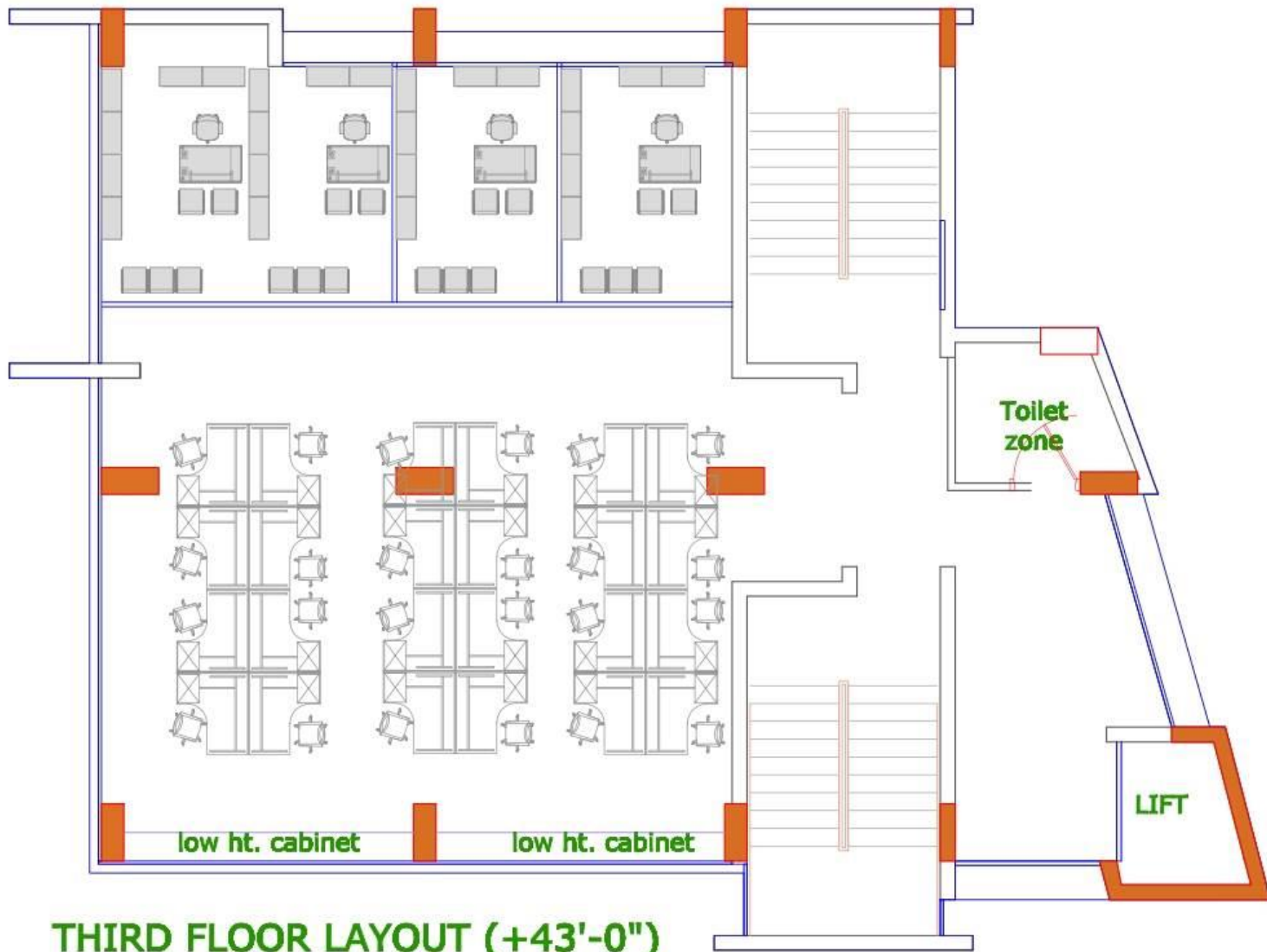
# FLOOR LAYOUT DRAWINGS (OFFICE BUILDING)



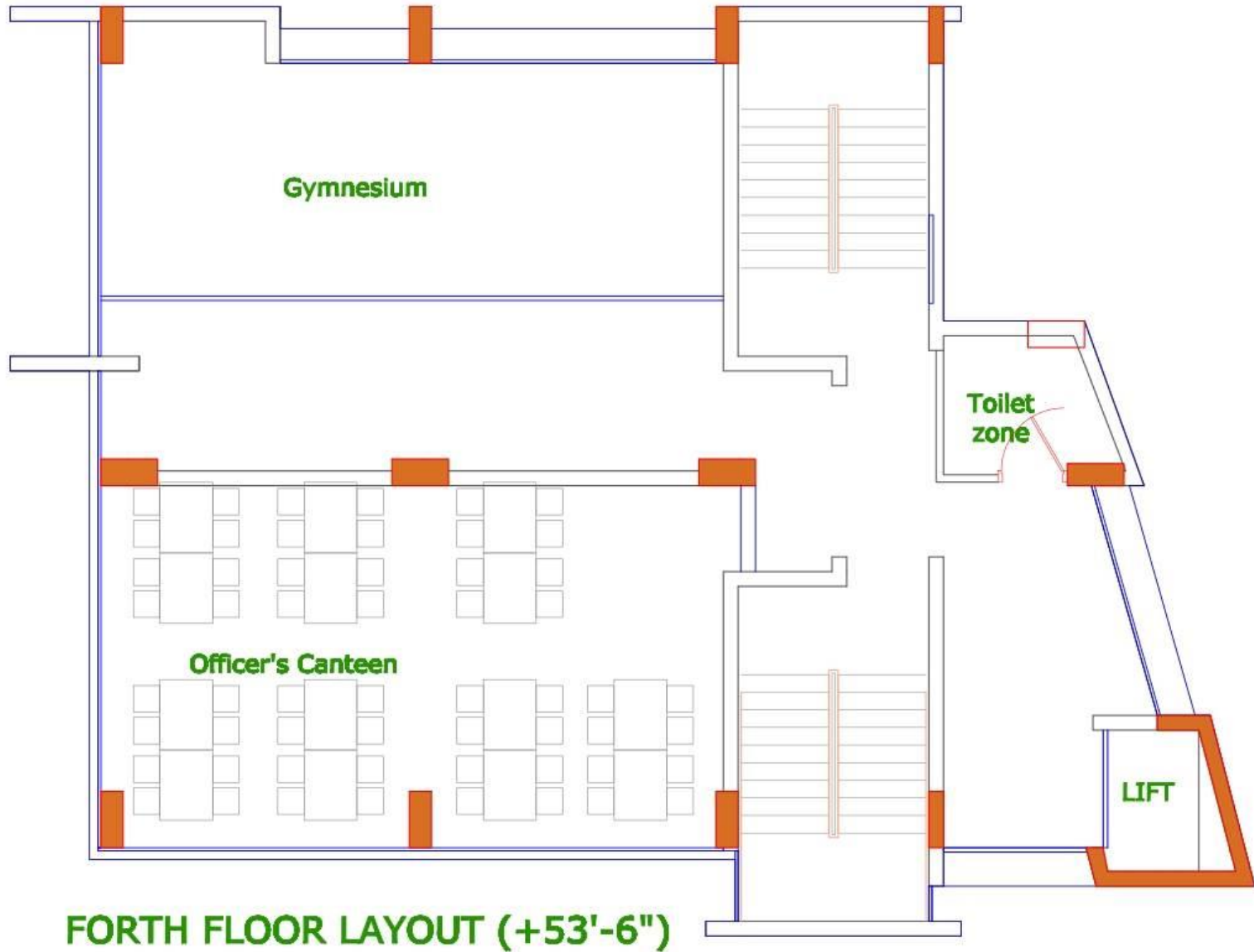
**SECOND FLOOR LAYOUT (+32'-6")**



# FLOOR LAYOUT DRAWINGS (OFFICE BUILDING)

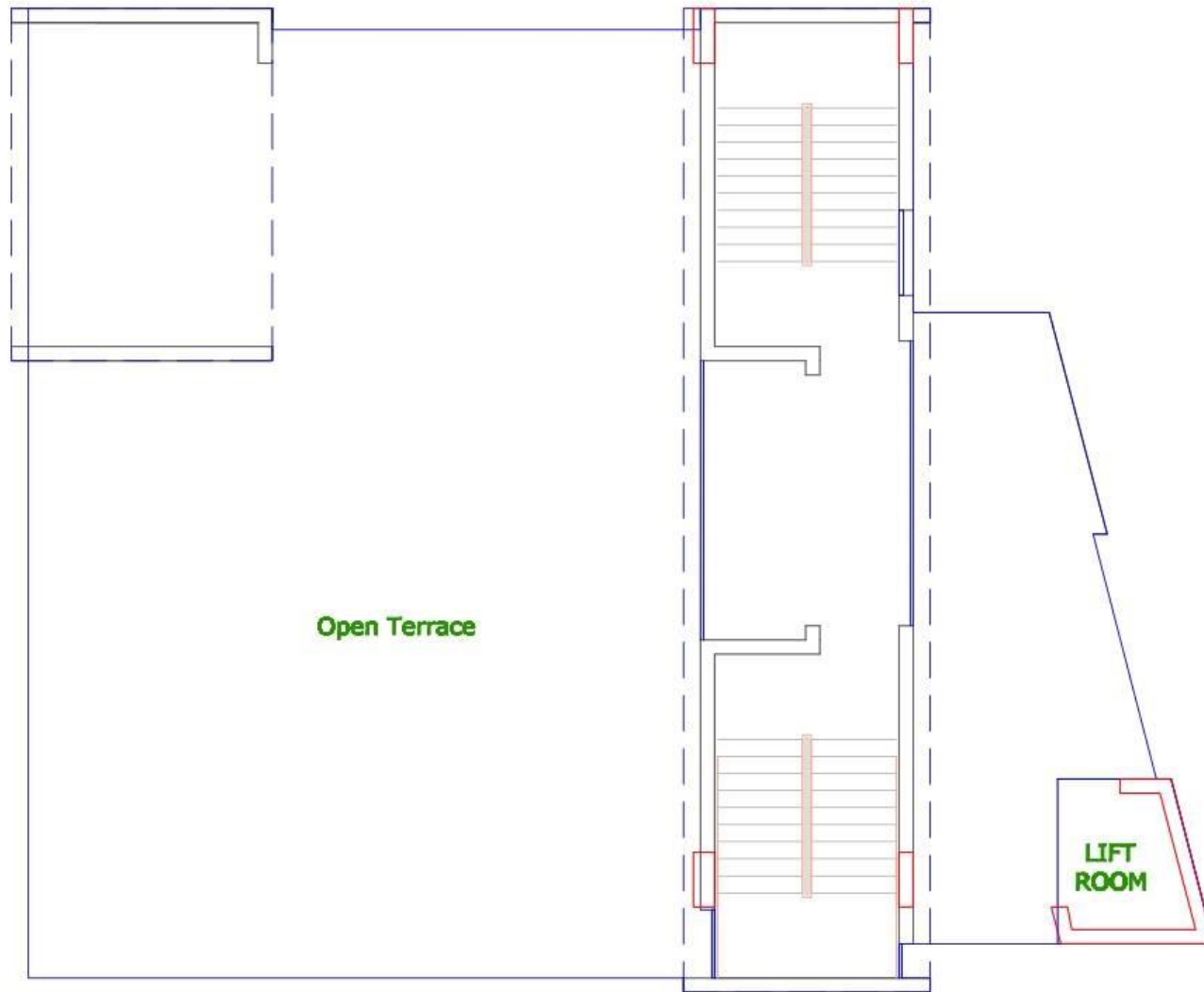


# FLOOR LAYOUT DRAWINGS (OFFICE BUILDING)



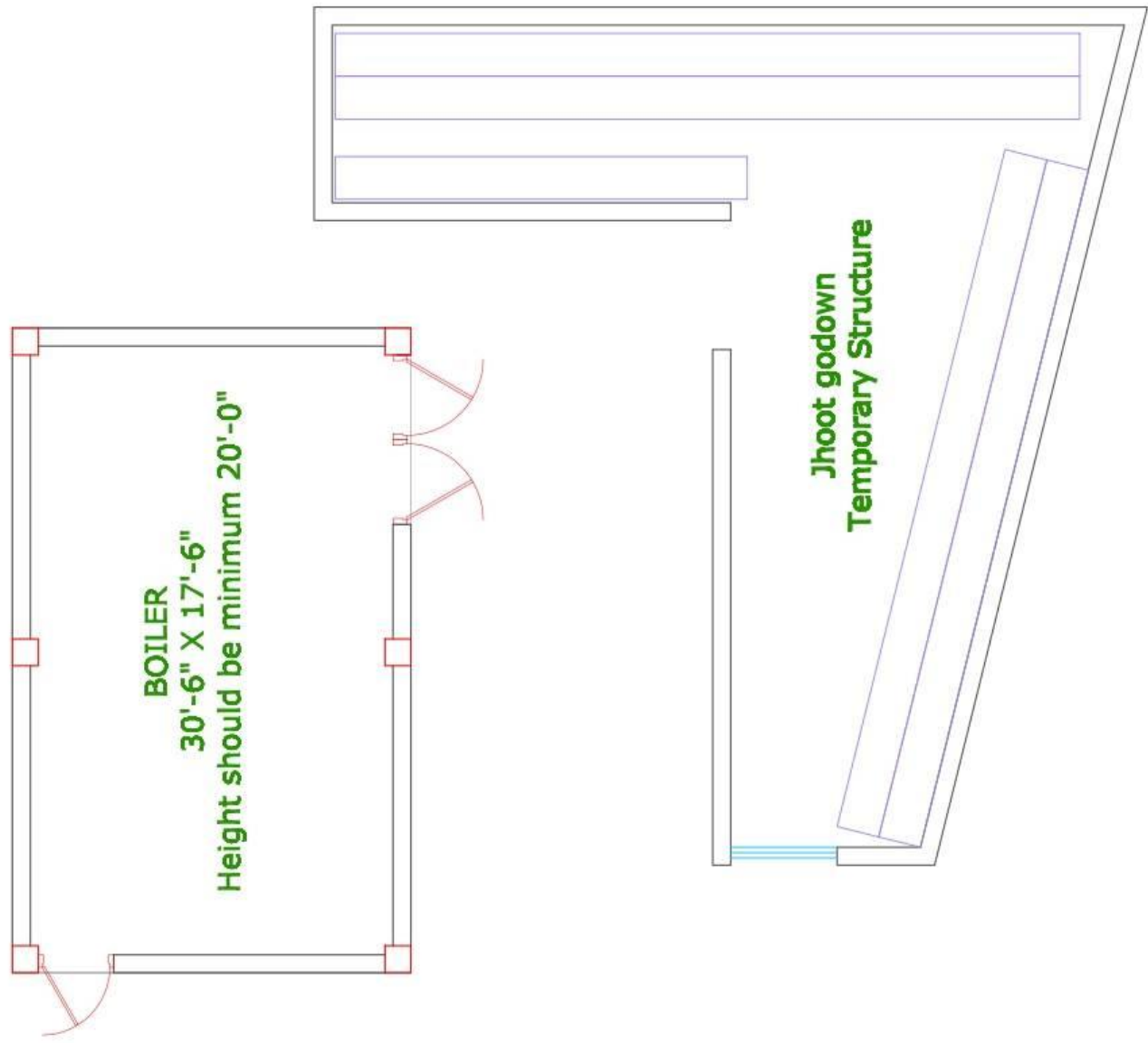


# FLOOR LAYOUT DRAWINGS (OFFICE BUILDING)



ROOF FLOOR LAYOUT (+64'-0")

# FLOOR LAYOUT DRAWINGS (BOILER AND JHOOT GODOWN)





**THANK YOU**