



J.A. DESIGN GROUP LLC.

MIAMI FLORIDA USA.

INTRODUCCION

2020

VISION.

We want to elevated architecture to the next level protecting the environment and the people.

- *We DESIGN RESILIENCE BUILDING.*
- *DESIGN Sustainable technology.*
- *We want to preserve "LIFE & QUALITY OF LIFE"*

MODULE : THE ARK.

SYSTEM CREATED BY THE ARK JULIAN ARGILAGOS (1951)

- HANGING BUILDINGS CREATE A NEW CONSTRUCTION SYSTEM. (1985)
- PREFABRICATION AND EASY TRANSPORTATION.
- LOW COST OF CONSTRUCTION
- PROTECTS ACTION FROM:

A- SEA LEVEL RISE.

D-WILDFIRES

B-HURRICANES

F-PERSONAL SECURITY

C-EARTHQUAKE

G-PANDEMIC

-POLYVALENCE SPACE FOR DEFERENTS ACTIVITIES AND DESIGN

-MODULE SPACE 5X5 METROS, O 16.45X16,4 FOOT

INTERNATIONAL RECREATIONAL MODULE FOR TOURIST FACILITIES. (1985) CUBA

INTERNATIONAL BUILDING: MUSEUM CRISTOBAL BALENCIAGA.

(2001) SPAIN

INTERNATIONAL BUILDING: FASHION ART CITY PACO RABANNE.

(2015) SPAIN

ART BASEL MIAMI FLORIDA

(2016) USA.

AVANT- HAUSE. MIAMI FLORIDA

(2018). USA.

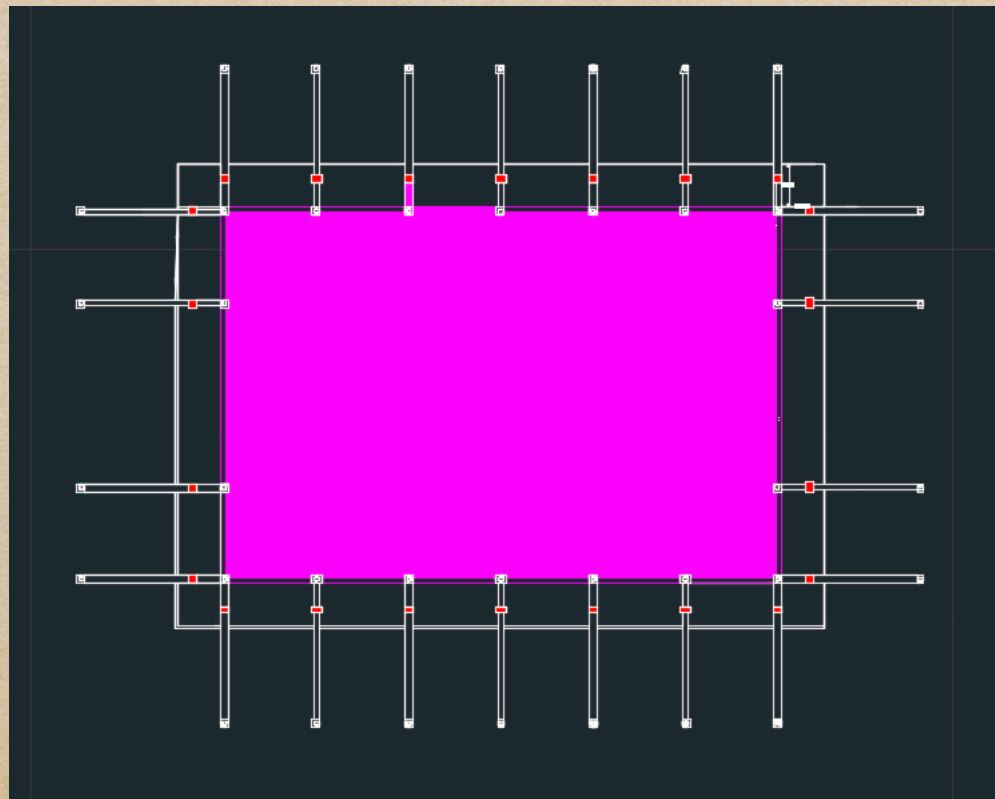
HANGING CONTAINERS BUILDING FOR THE BAHAMAS.

(2018). USA.

The most important thing about these projects and innovation is that we have created a DESIGN SYSTEM with two principles

*1- HANGING STRUCTURE ENGINEER
MODULAR (which allow hanging building)*

*2- THE AREA MODULAR SPACE (which behaves as a
unique space for different activities and destination)*



Hanging Structural Engineer

Modular Space

J. A. DESIGN GROUP. LLC

EMBLEMATIC PROJECT:

"MUSEO CRISTOBAL BALENCIAGA" (1999-2010).

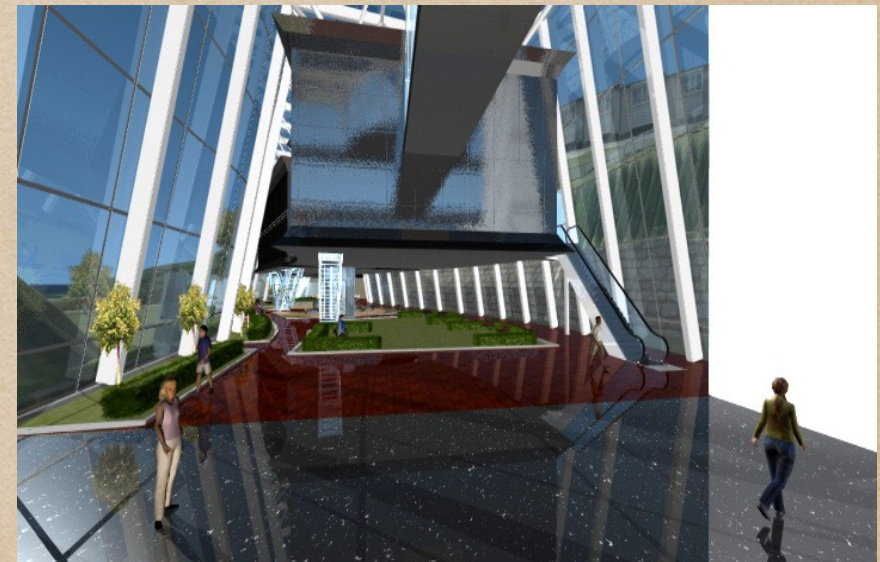
A Revolutionary vision of architecture:

*Marked a BEFORE and AFTER in the
HISTORY OF ARCHITECTURE World.*

MUSEUM BALENCIAGA. (2010)



FLOATING BUILDINGS



WHY?

Our DESIGN is not arbitrary.

They are the new conditions of life that the Planet is giving us as a warning to what comes up, a different LIFE AND QUALITY OF LIFE.

1-OCEAN LEVEL ELEVATION.

2- INCREASED HURRICANES

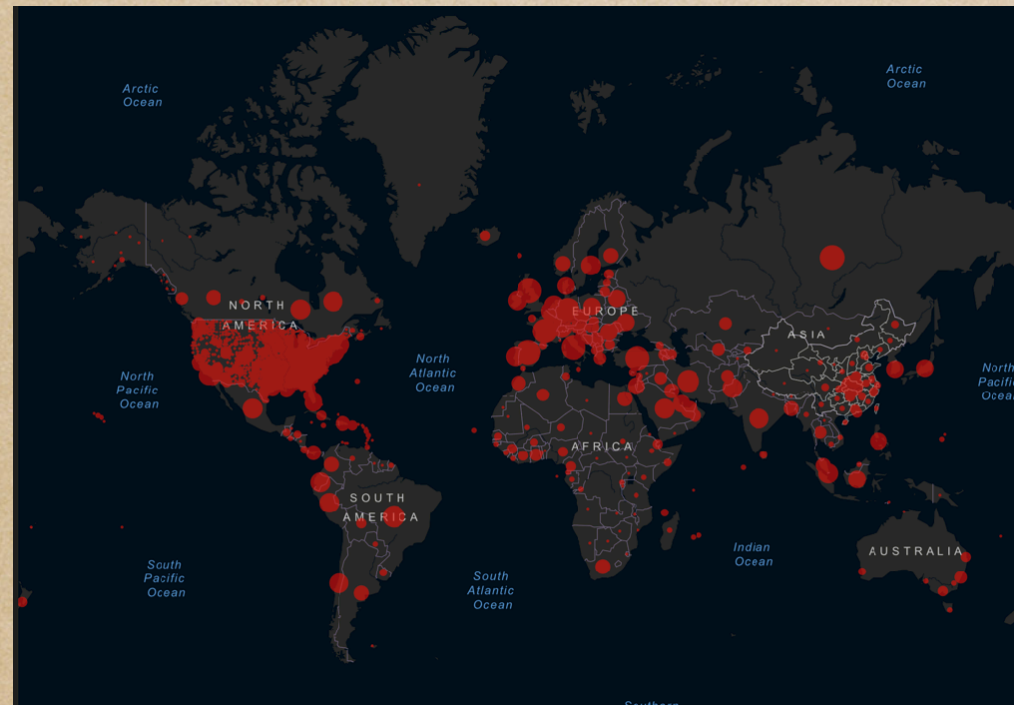
3- INCREASED LEVEL OF FLOODING, SUMMER AND WINTER STORMS

4-INCREASED STRONG TORNADOES

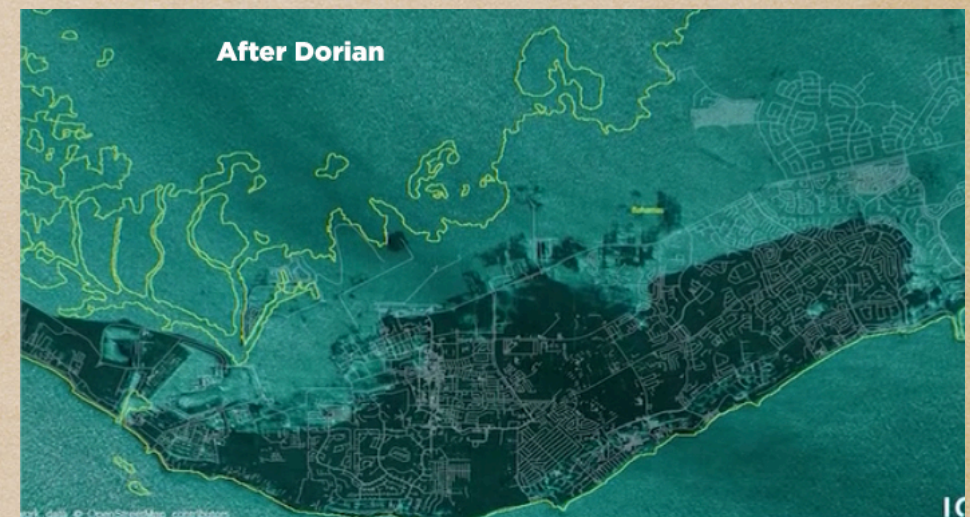
5-EARTHQUAKES

6-PERSONAL SECURITY.

• *PANDEMIC*



HURRICANES -TORNADOES



OCEAN LEVEL ELEVATION

PANDEMIC



1720

PLAGUE



1820

CHOLERA



1920

SPANISH FLU

PC:@astronomy_passengers



2020

CORONAVIRUS

IT SEEMS THAT HISTORY REPEATS
ITSELF EVERY 100 YEARS

UNITED STATE OF AMERICA

Corona 19

Total Confirmed

1,042,874

Total Deaths

61,123

18,076 deaths
New York City **New York** US

1,727 deaths
Wayne **Michigan** US

1,678 deaths
Nassau **New York** US

1,516 deaths
Cook **Illinois** US

1,155 deaths
Suffolk **New York** US

1,139 deaths
Essex **New Jersey** US

1,065 deaths
Los Angeles **California** US

1,057 deaths
Bergen **New Jersey** US

1,006 deaths
Westchester **New York** US

802 deaths
Middlesex **Massachusetts** US

774 deaths
Fairfield **Connecticut** US

758 deaths
Hudson **New Jersey** US

670 deaths

Total Test Results in US

6,026,170

872,481 tested
New York US

603,139 tested
California US

373,488 tested
Florida US

314,790 tested
Texas US

265,618 tested
Massachusetts US

256,667 tested
Illinois US

241,318 tested
New Jersey US

214,883 tested
Pennsylvania US

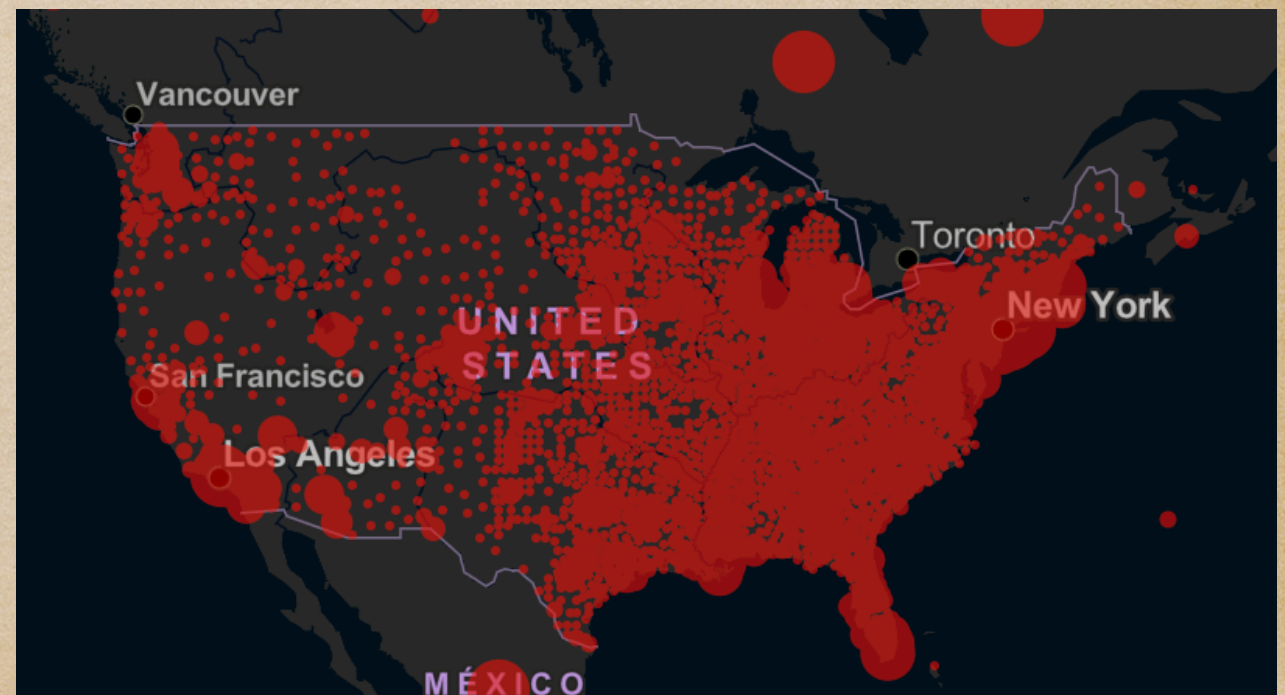
182,515 tested
Washington US

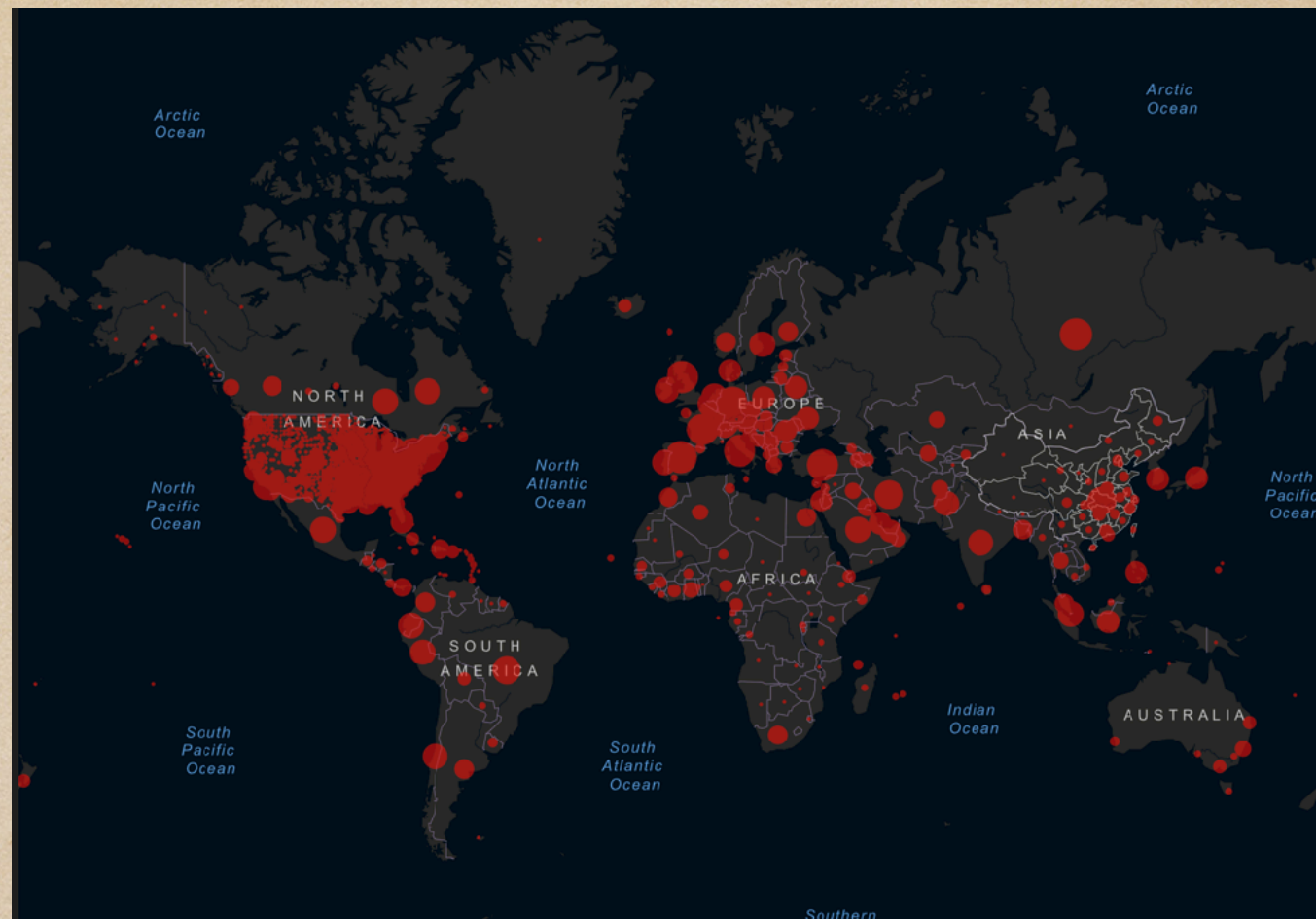
172,352 tested
Michigan US

168,549 tested
Tennessee US

156,568 tested
Louisiana US

143,939 tested
Georgia US





The most affected countries of the pandemic in the world.

PANDEMIC 2020

BEDS For every thousand inhabitants. DATA From 2012.

Germany8.0 beds

France.....7.0 beds

China.....4.2 beds

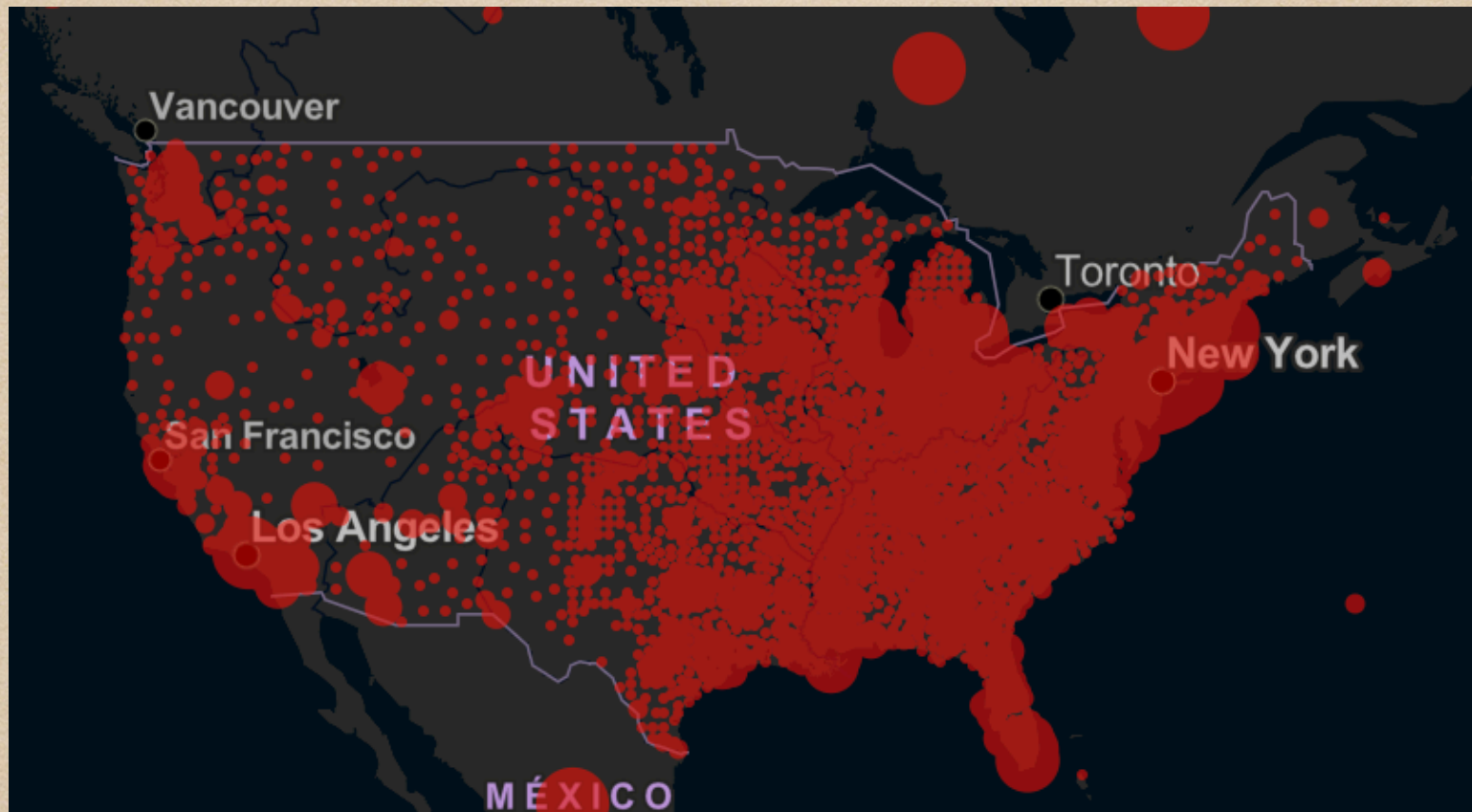
Italy.....3.0 beds

Spain.....3.0 beds

The United Kingdom... 3.0 beds

USA.....2.5 beds.

USA....**2.5 BEDS/** 1000 BY INHABITANTS



*Statistics are for every 1,000 inhabitants. How many beds should we have by habitants?
According to a CIA Source. World Fact-book until January 2019.*

Monaco13.8 beds

Japanese.....13.4 beds

North Korea..... 13.2 beds

South Korea.....11.5 beds

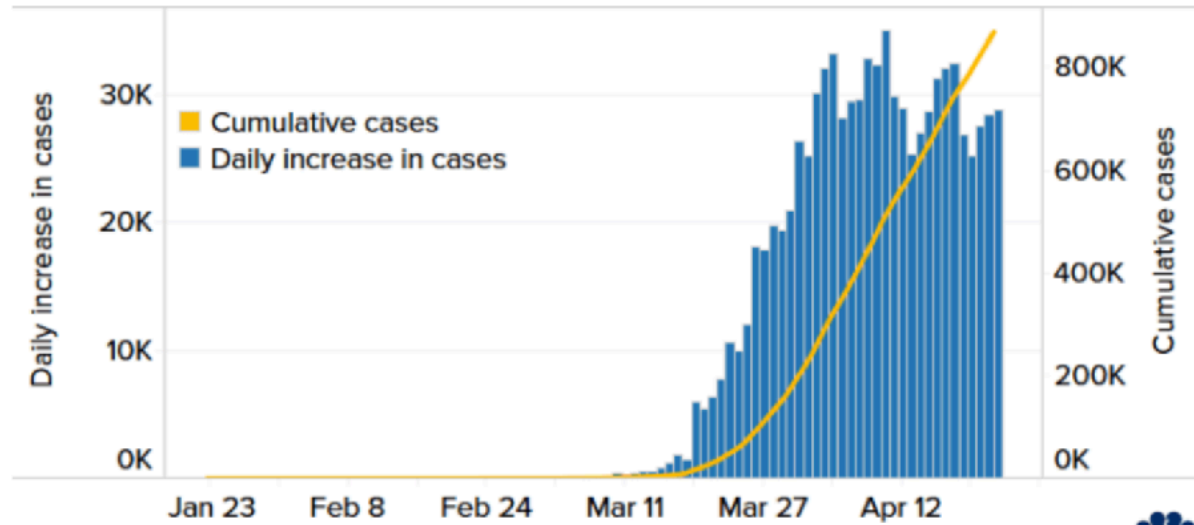
Belarus.....11. Beds

And at number 72 in the world, we are

USA.....2.5 beds

STATISTICS INFECTED CASES AND DEATH

Reported coronavirus cases in the US



Cases and deaths by state and county

	Cases	Per 100,000 People	Deaths	Per 100,000 People	Slower Faster Case Growth Rate
+ New York MAP »	309,696	1,592	23,616	121	Feb. 26 Apr. 29
+ New Jersey MAP »	118,652	1,336	7,228	81	
+ Massachusetts MAP »	60,265	874	3,405	49	
+ Illinois MAP »	52,918	418	2,359	19	
+ California MAP »	49,474	125	1,999	5	
+ Pennsylvania MAP »	47,038	367	2,477	19	
+ Michigan MAP »	41,347	414	3,788	38	
+ Florida MAP »	33,683	157	1,266	6	
+ Texas MAP »	28,579	99	808	3	
+ Louisiana MAP »	28,001	602	1,862	40	

Note: Growth rate shows how frequently the number of cases has doubled over the previous seven days. The fastest rate color shows when cases are doubling in less than 3 days, while the slowest rate color shows when cases are doubling much more slowly, once every 30 days or longer. Growth rate not shown for counties with fewer than 20 cases.

The United States
is in position 72 of beds available in hospitals
in the WORLD FOR EVERY 1,000 INHABITANTS.

Most Populous

[Learn More](#) | [Download and Share](#)

States	Counties	Cities
State	Population, 2019	Pop. per sq. mi., 2019
California	39,512,223	253.5
Texas	28,995,881	111.0
Florida	21,477,737	400.3
New York	19,453,561	412.8
Pennsylvania	12,801,989	286.1
Illinois	12,671,821	228.3
Ohio	11,689,100	286.1
Georgia	10,617,423	184.0
North Carolina	10,488,084	215.7
Michigan	9,986,857	176.4

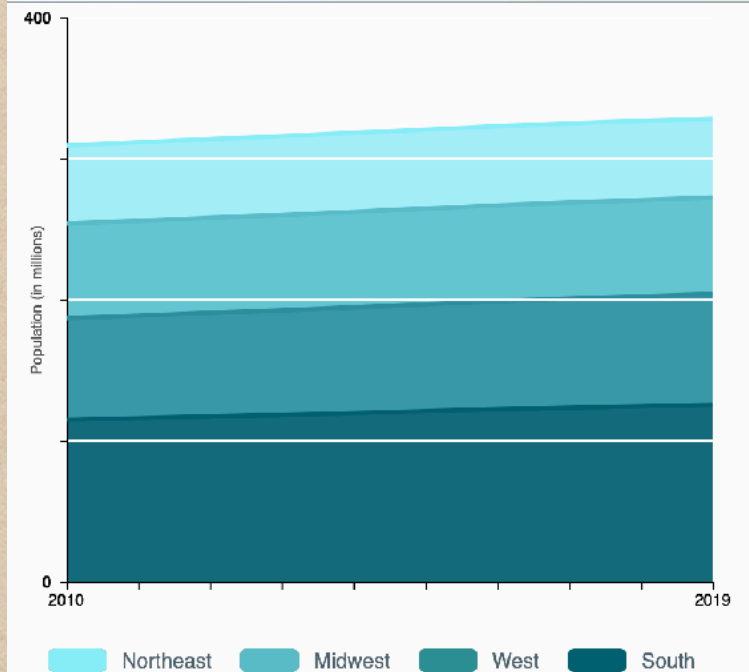
Highest Density

[Learn More](#) | [Download and Share](#)

States	Counties	Cities
State	Population, 2019	Pop. per sq. mi., 2019
District of Columbia	705,749	11,544.0
New Jersey	8,882,190	1,207.7
Rhode Island	1,059,361	1,024.6
Massachusetts	6,892,503	883.5
Connecticut	3,565,287	736.2
Maryland	6,045,680	622.6
Delaware	973,764	499.7
New York	19,453,561	412.8
Florida	21,477,737	400.3
Pennsylvania	12,801,989	286.1

United States Population Growth by Region

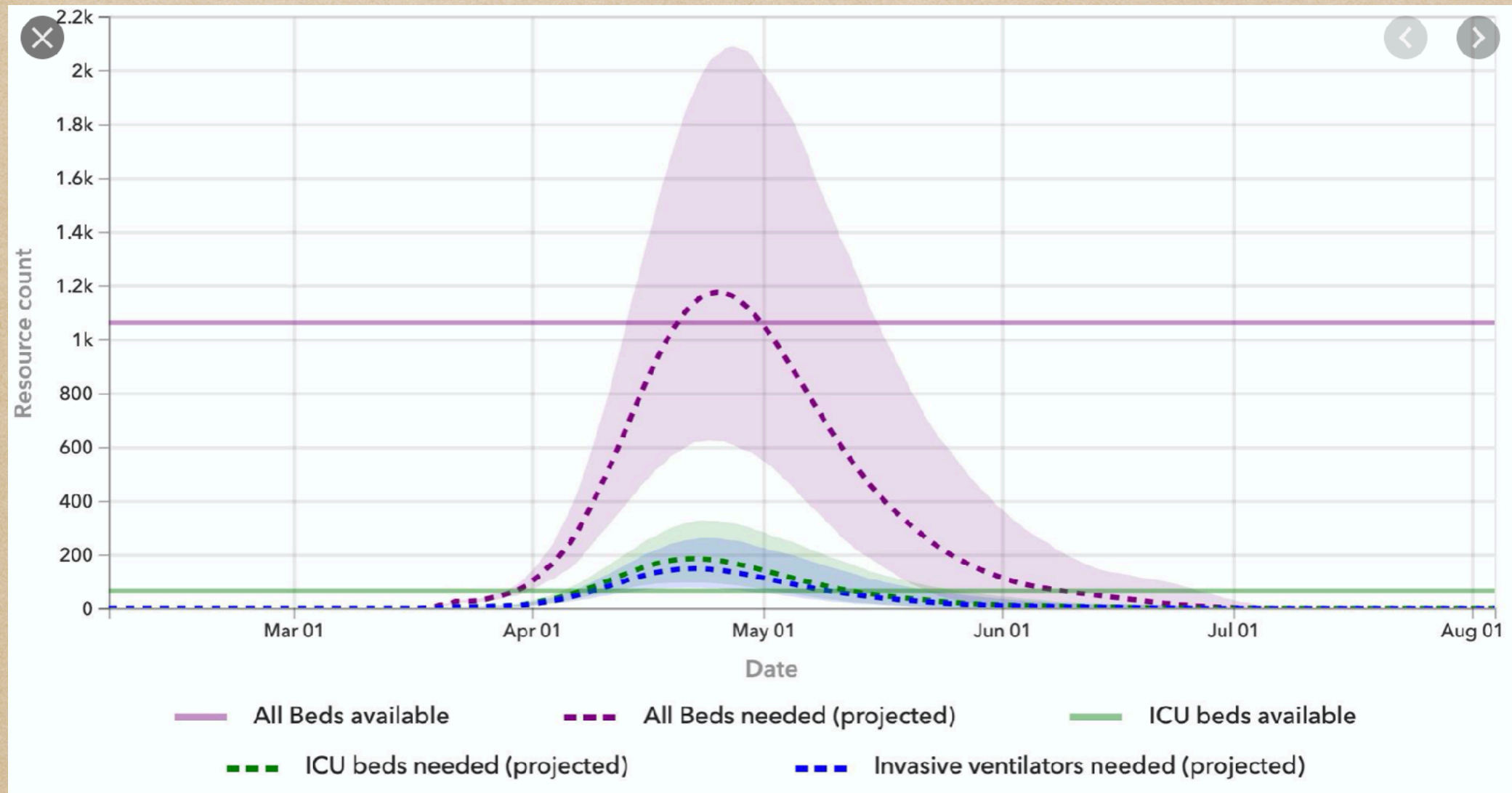
[Learn More](#) | [Download and Share](#) | [View Data Table](#)



April 1, 2010 resident population from the 2010 Census.

WE NEED TO INCREASE THE CAPACITY OF BEDS

NOW AND THE FUTURE



ADVANCING WATERS

10 Feet of
Surging Seas

Boston

New York

Norfolk

New Orleans

Galveston

Tampa Bay

Miami-Dade

CLIMATE  CENTRAL

ADVANCING WATERS 10 Feet of Surging Seas

MIAMI-DADE

2,194,000

people affected

90%

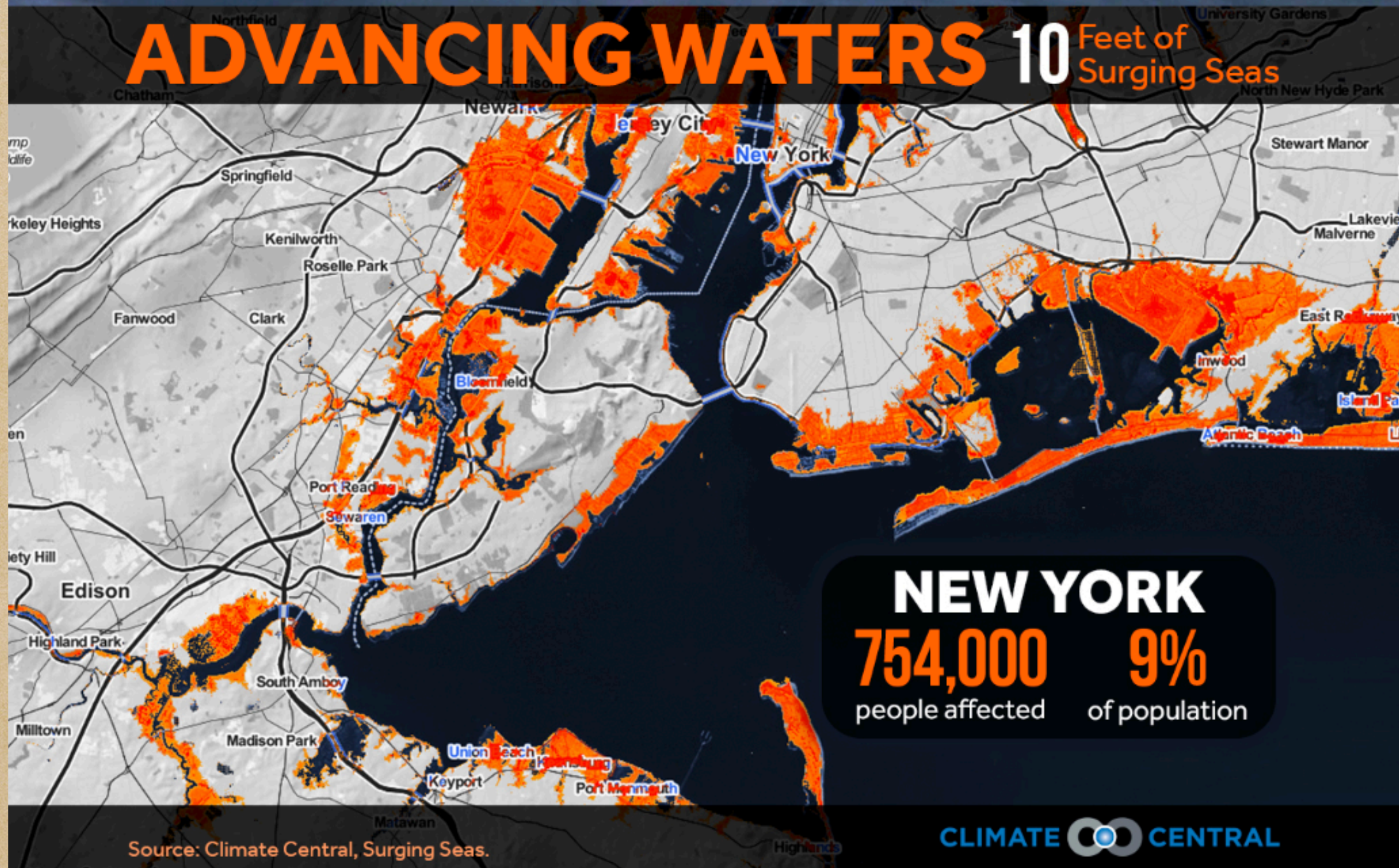
of population



Source: Climate Central, Surging Seas.

CLIMATE  CENTRAL

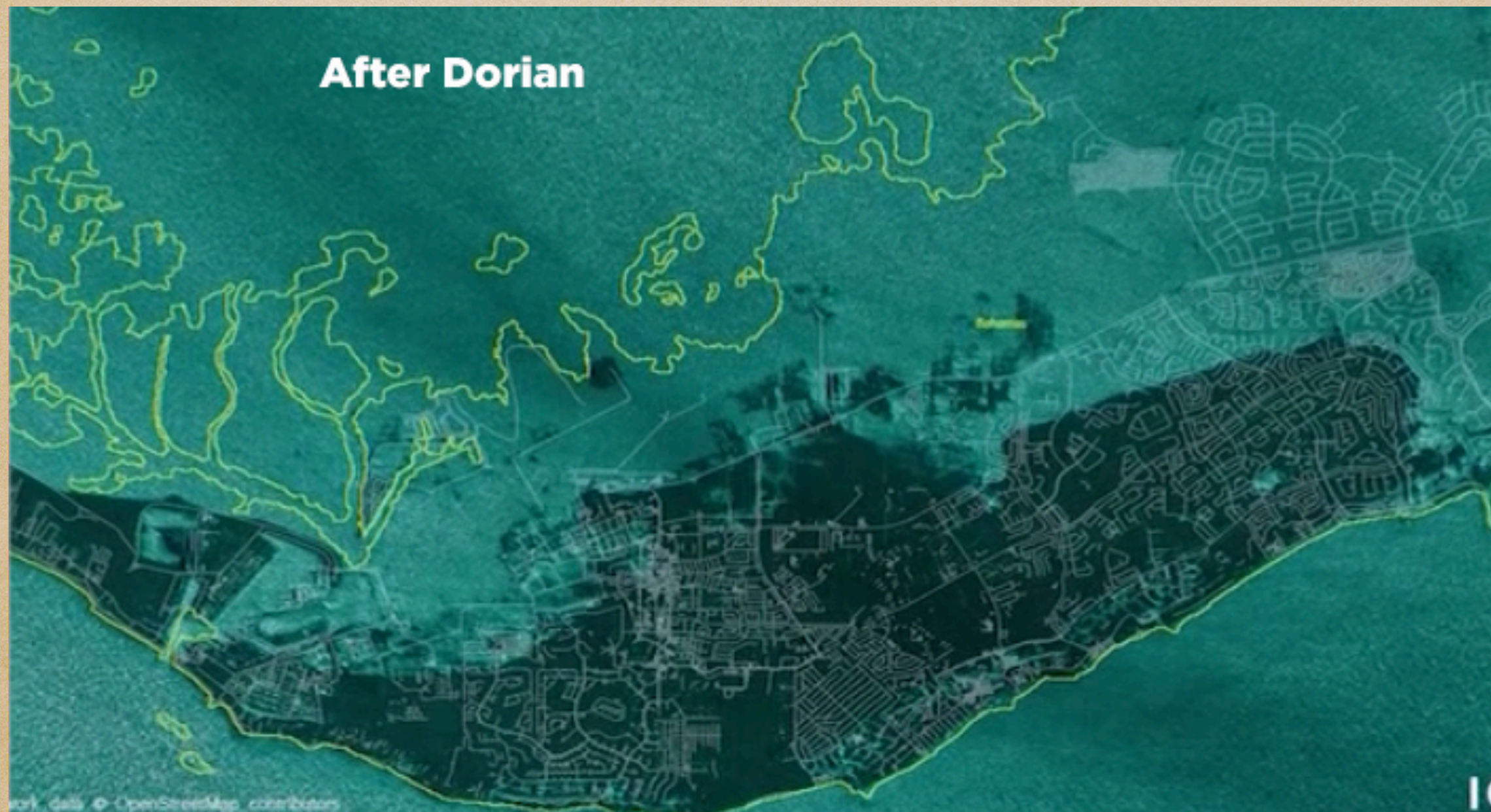
ADVANCING WATERS 10 Feet of Surging Seas



BAHAMAS BEFORE /DORIAN

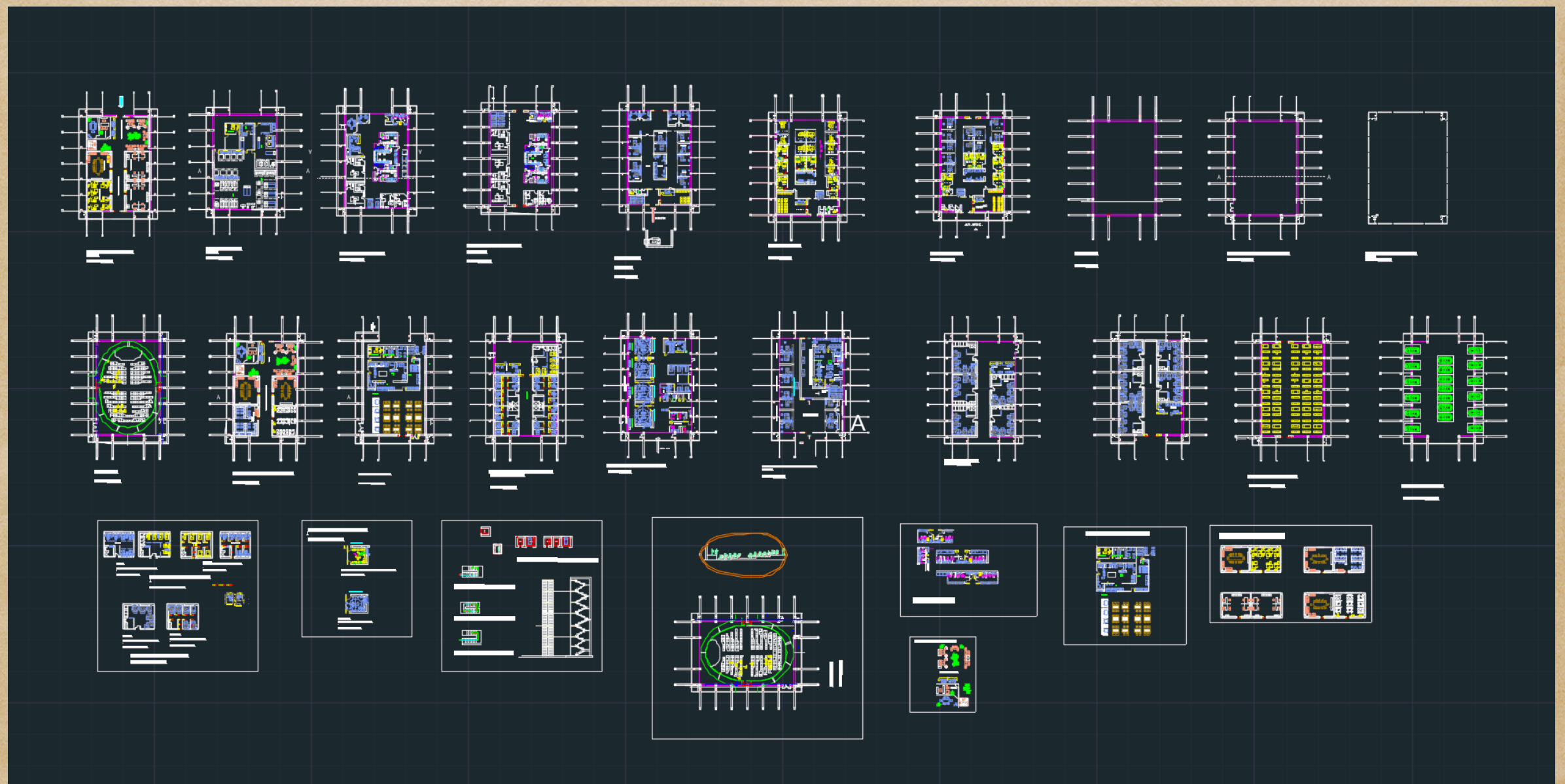


BAHAMAS AFTER /DORIAN



SOLUTION

MODULAR SYSTEM "THE ARK"
TWENTY MODULES MAKE UP
THE HOSPITAL AND EMERGENCY DESIGN SYSTEM



PROPOSAL

URGENT CARE- HOSPITAL

"THE ARK"

MODULE. (FLEXIBLE SPACE – MULTIPLE USES & MODULAR COMBINATION)

- ♦ *FLOOR PLAN MODULE.*
- ♦ *COLUMN MODULE*
- ♦ *AUTOPATIENS MODULE*
- ♦ *EMERGENCY PEDIATRIC MODULE*
- ♦ *ULTRASOUND RX/ LAB MODULE*
- ♦ *GENERAL LAUNDRY MODULE*
- ♦ *ADMINISTRATION GENERAL FLOOR MODULE*
- ♦ *THEATER MODULE*
- ♦ *MEDICAL AND NURSING EDUCATIONAL CENTER MODULE*
- ♦ *KITCHEN AND CAFETERIA MODULE*
- ♦ *INTENSIVE CARE AND RECOVERY PEDIATRIC AND OBSTETRICS MODULE*
- ♦ *OPERATIONS ROOMS AND RECOVERY MODULE*
- ♦ *INTENSIVE THERAPY AND DISINFECTION MODULE*
- ♦ *ADOLT HOUSING MODULE*
- ♦ *ADOLT HOUIING INFECTION MODULE*
- ♦ *PEDIATRICS HOUSING INFECTION*

HOW WE DO IT

CONSTRUCTION - SYSTEM

The Constructive System is MODULAR.

Metallic sections that are prefabricated, transported to the construction site, and elevated and laid. These sections support the structure of the hanging building.

The structure of the floor prefabricated building is also moved to the construction site and raised with cranes and welded to the structure that supports it.

The only foundation of the building is formed by isolated inclined columns, it's a building that does not have structural walls.

This provides a chain construction with less time to complete.

STRUCTURAL KNOTS



STRUCTURAL COLUMNS

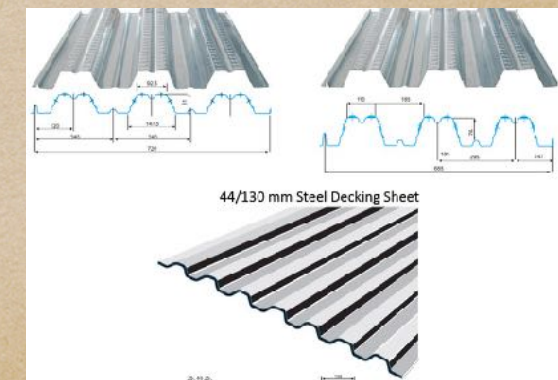
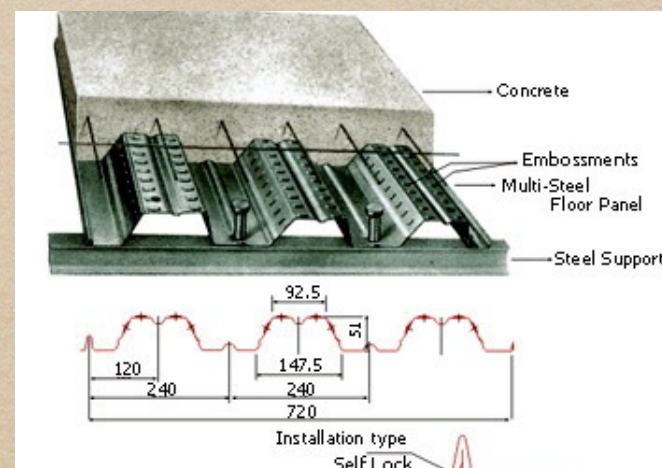
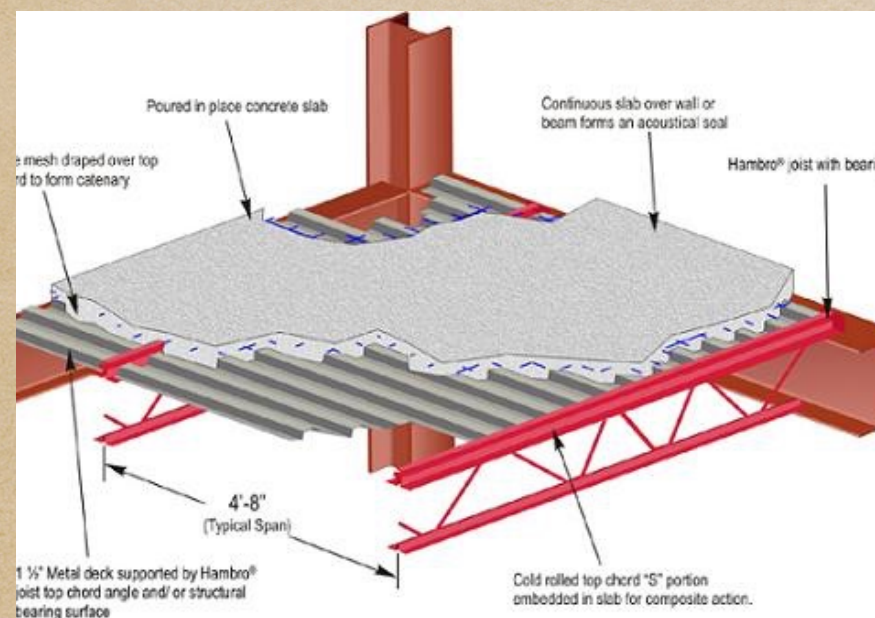
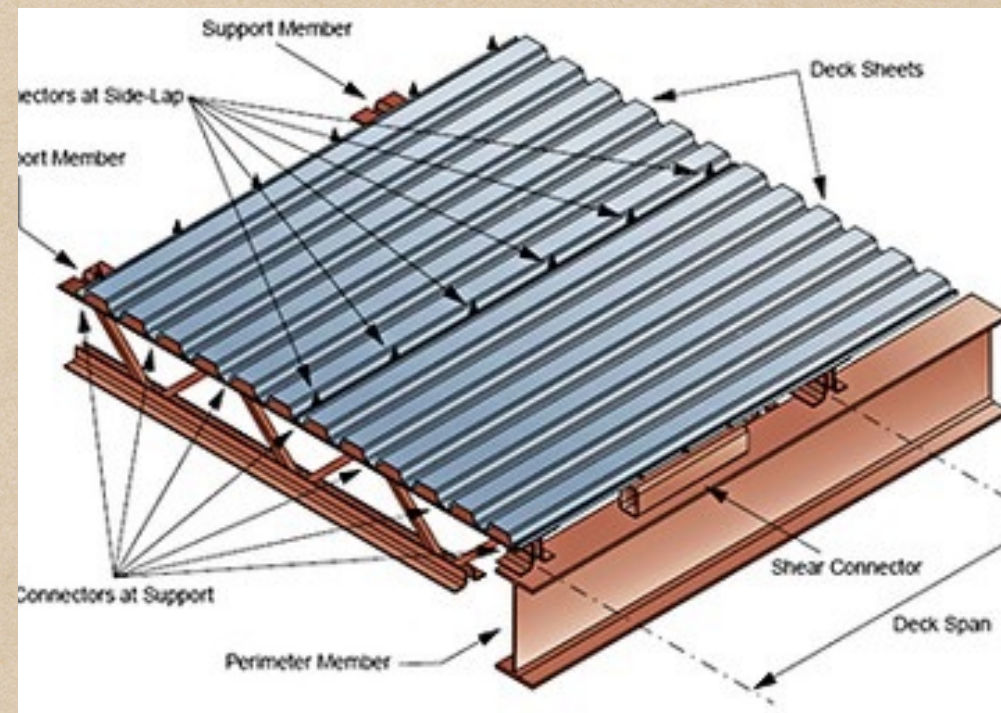
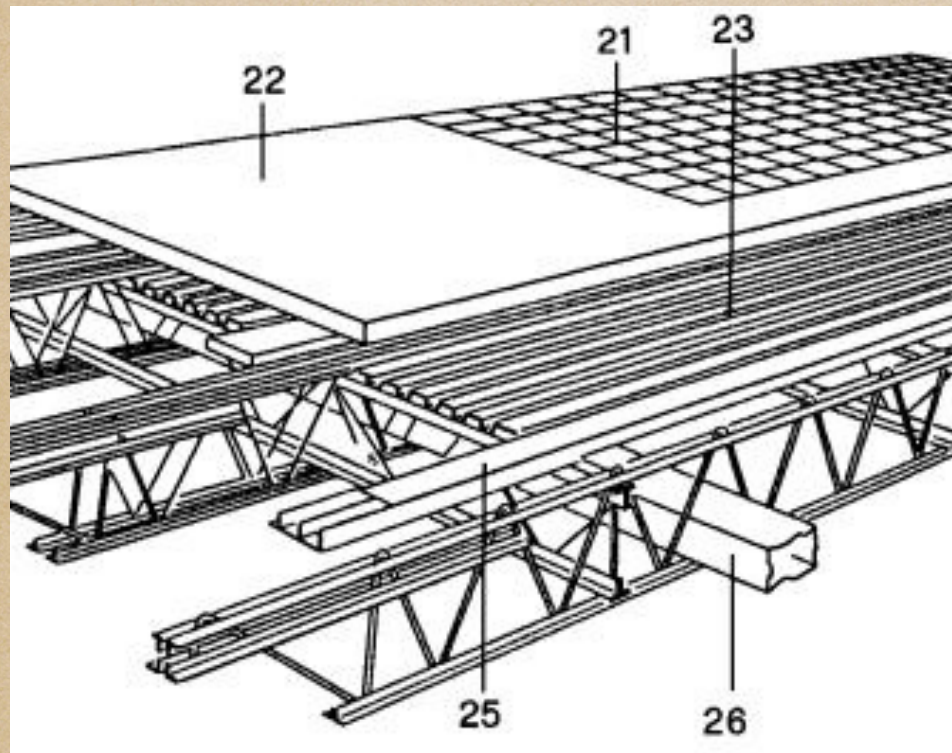




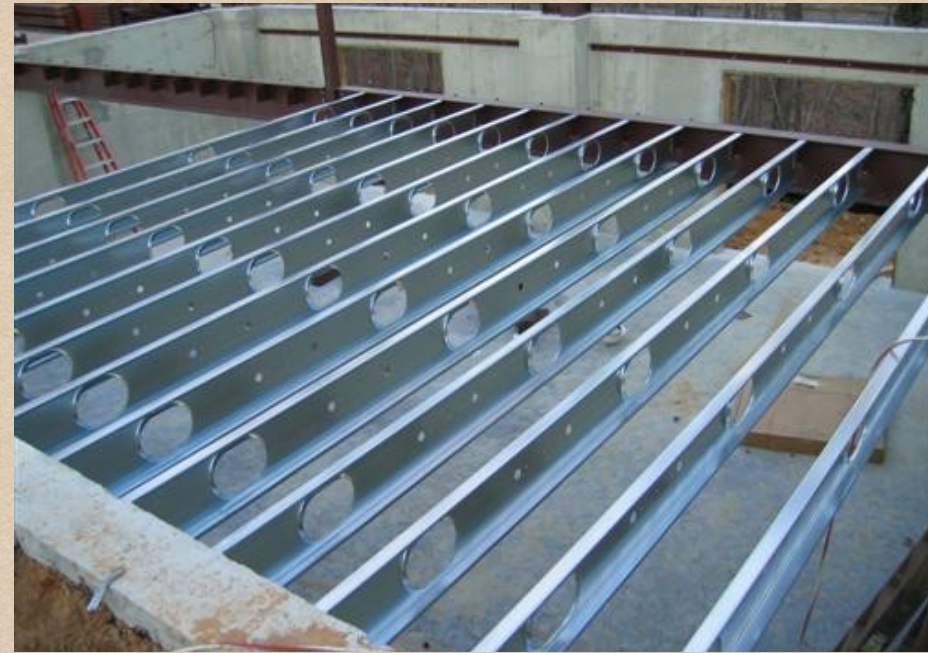
STRUCTURAL ROOF & FLOOR



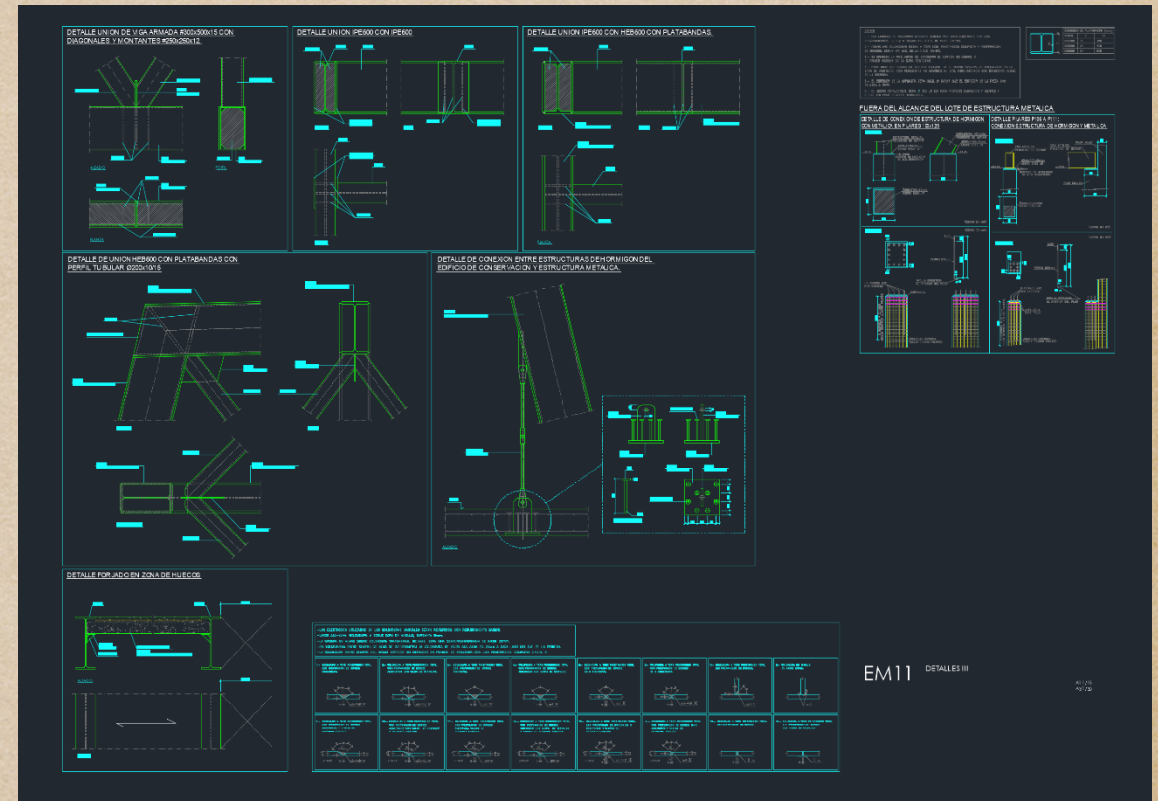
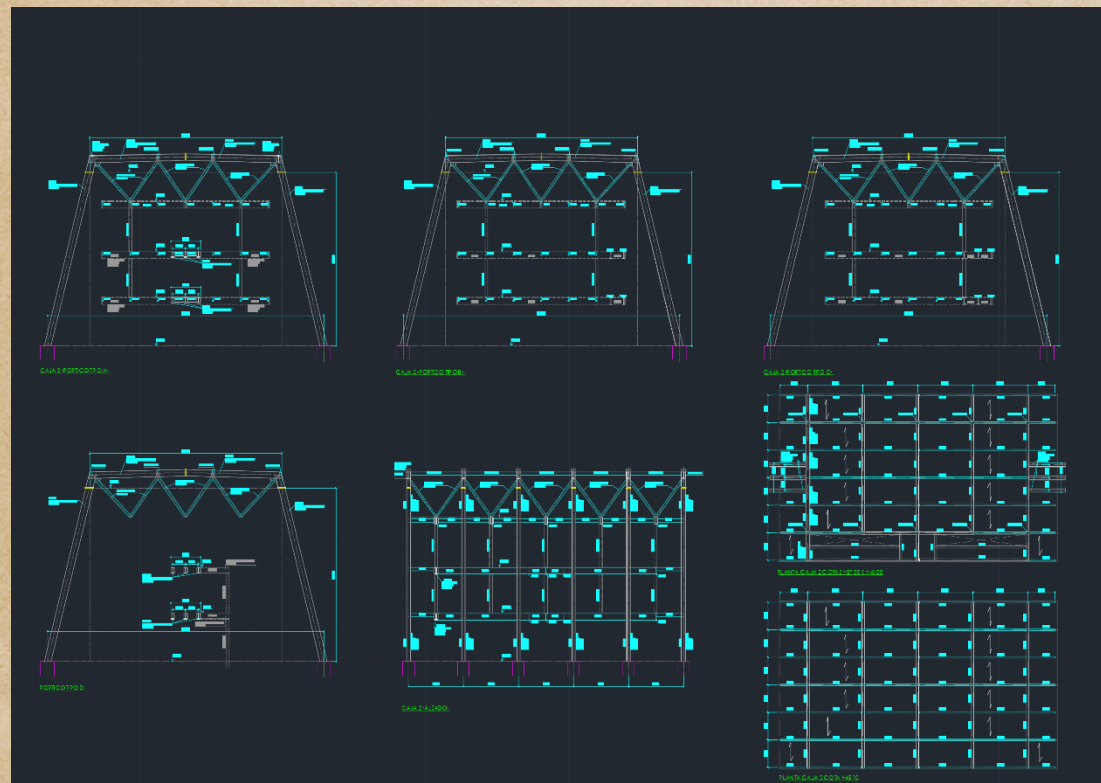
BUILDING ELEMENTS FLOOR AND ROOF



CONSTRUCTION BUILDING ELEMENTS BEAMS



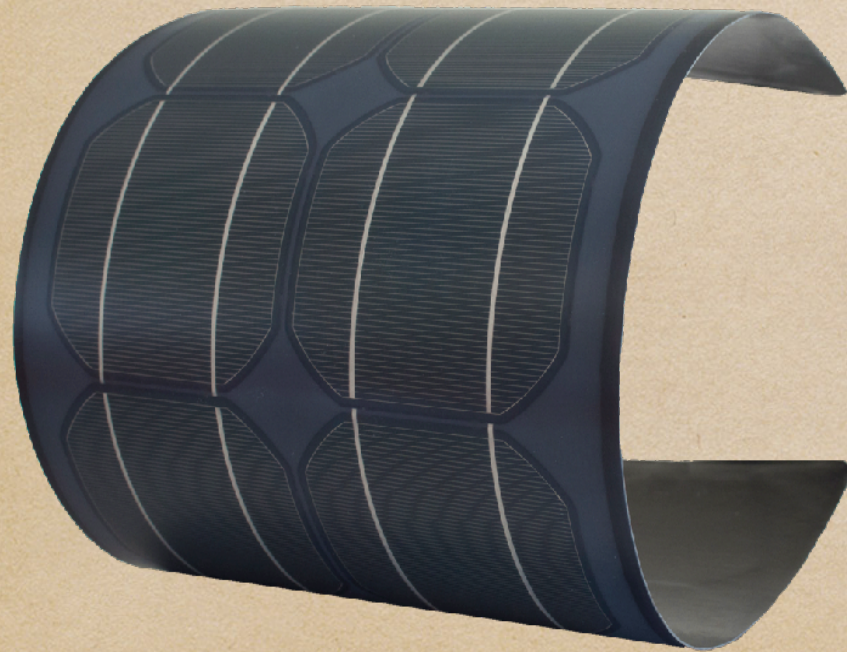
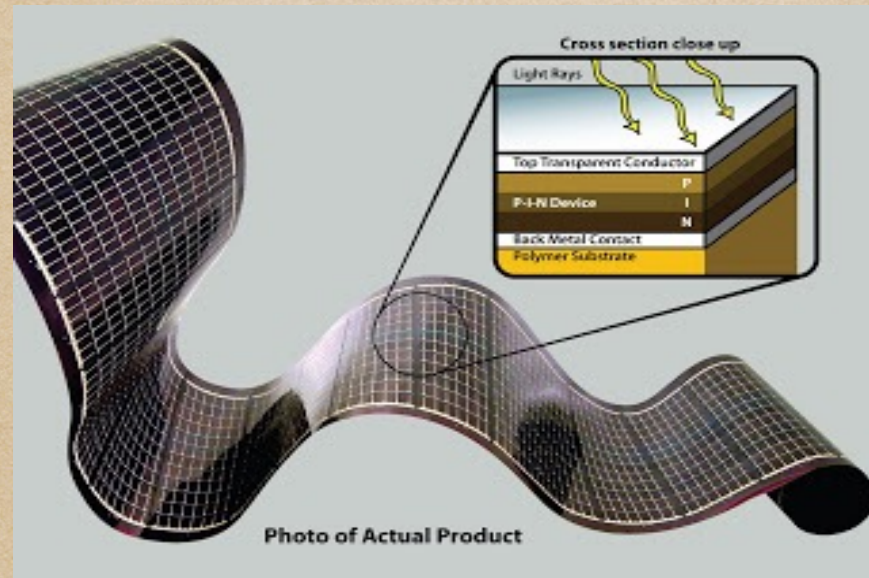
ENGINEERING CONSTRUCTION BUILDING ELEMENTS



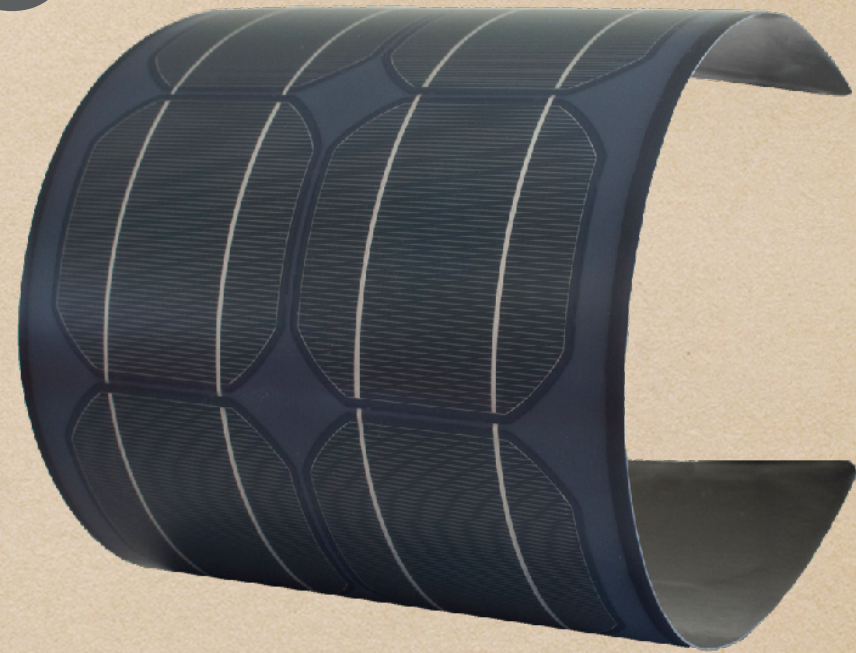
TECHNOLOGY

(PROPOSAL)

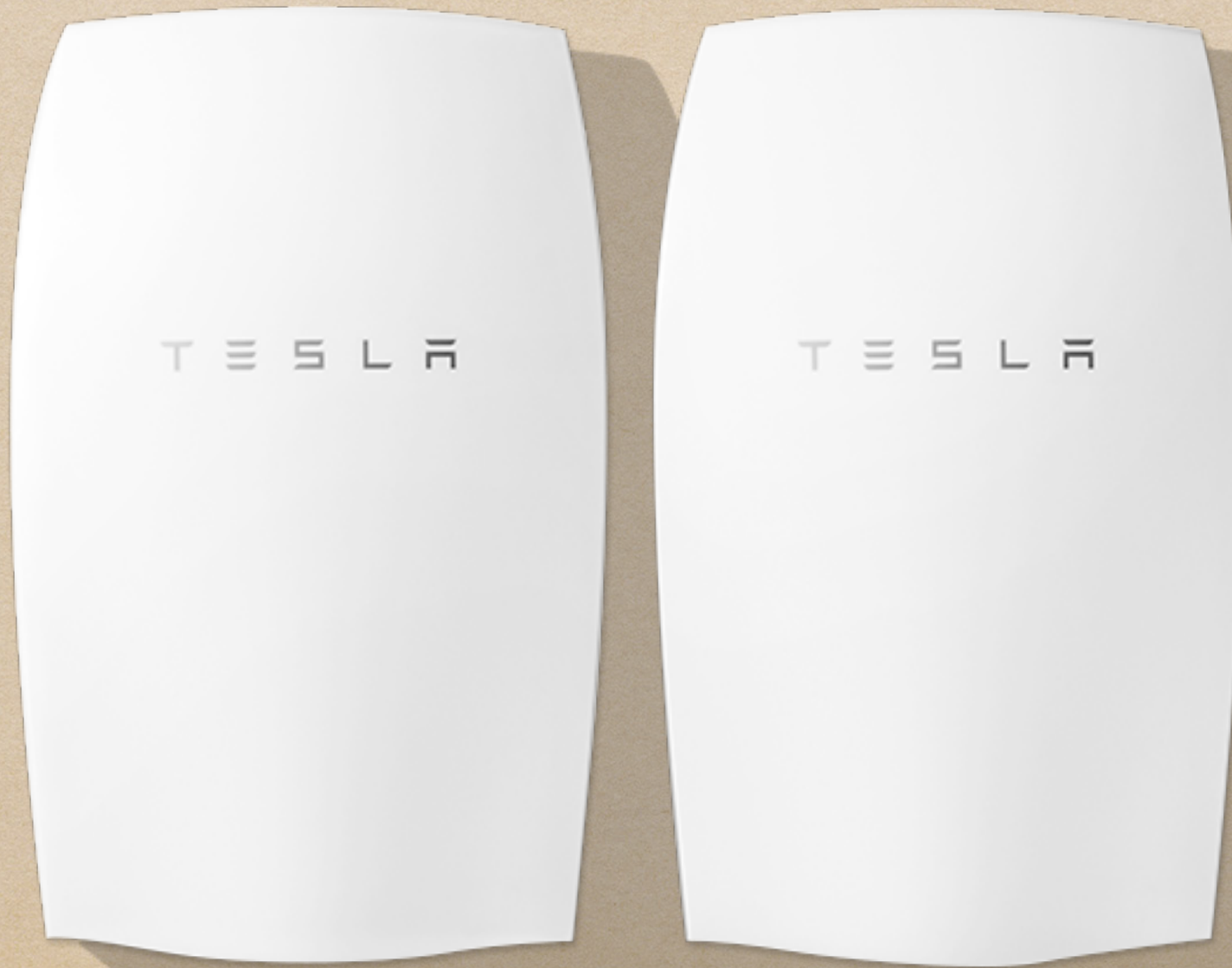
SOLAR PANELS



SOLAR PANELS



SOLAR PANELS BATTERY

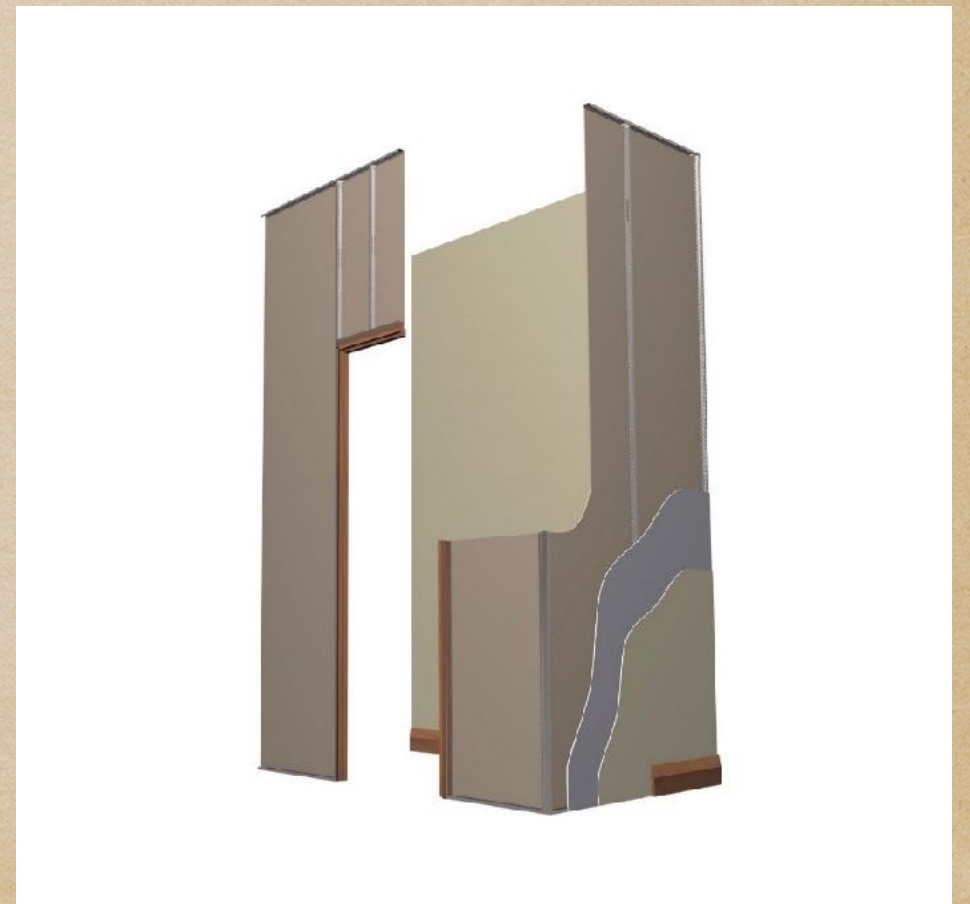


ACOUSTIC PANELS



CEILING

WALLS



RECYCLE WATER



KONE ELEVATORS.



COOPER & HUNTER SOPHIA (MULTI - ZONE)



ANTIMICROBIAL SISTEM.



Our Pürepath is a fully automated and compact disinfection station that provides rapid yet robust microbial decontamination of potentially detrimental pathogens such as viruses. Additionally it is equipped with highly accurate, sensitive, and non-contact infrared-based thermometric sensors in conjugation with a convenient smart display screen.

The combined action of rapid disinfection and temperature assessment technology make Pürepath an ideal candidate for high-throughput disinfection in areas with high activity.

Ideal for: High volume traffic locations; malls, schools, theme parks and office buildings.

PürePath Lite is a compact all in one automated anti-viral disinfection channel that comes equipped with a smart display capable of temperature measurement. This is a portable lightweight version of PürePath.

Ideal for: Low to moderate levels of foot traffic locations; small shops, restaurants



ANTIMICROBIAL SISTEM.



PüreSpace is a small yet potent antimicrobial system which employs state-of-the-art atomization technology to facilitate rapid generation and dispersion of food-grade antimicrobial vapor to decontaminate every corner of your room. PureSpace constantly combats and destroys harmful pathogens in your environment and provides you with safe and effective automated disinfection 24/7.

Ideal for: Offices, Cleaning companies, gym studios

Pürehome is a lightweight and portable automated decontamination system, designed specifically to help you maintain a pure and contaminant-free environment in you home. It is equipped with a safe, and reliable highly-potent antimicrobial system employs state of the art atomization technology to facilitate rapid generation and dispersion of food-grade antimicrobial vapor to every corner of your room to provide you with safe and effective automated disinfection 24/7.

Ideal for: Residential Homes

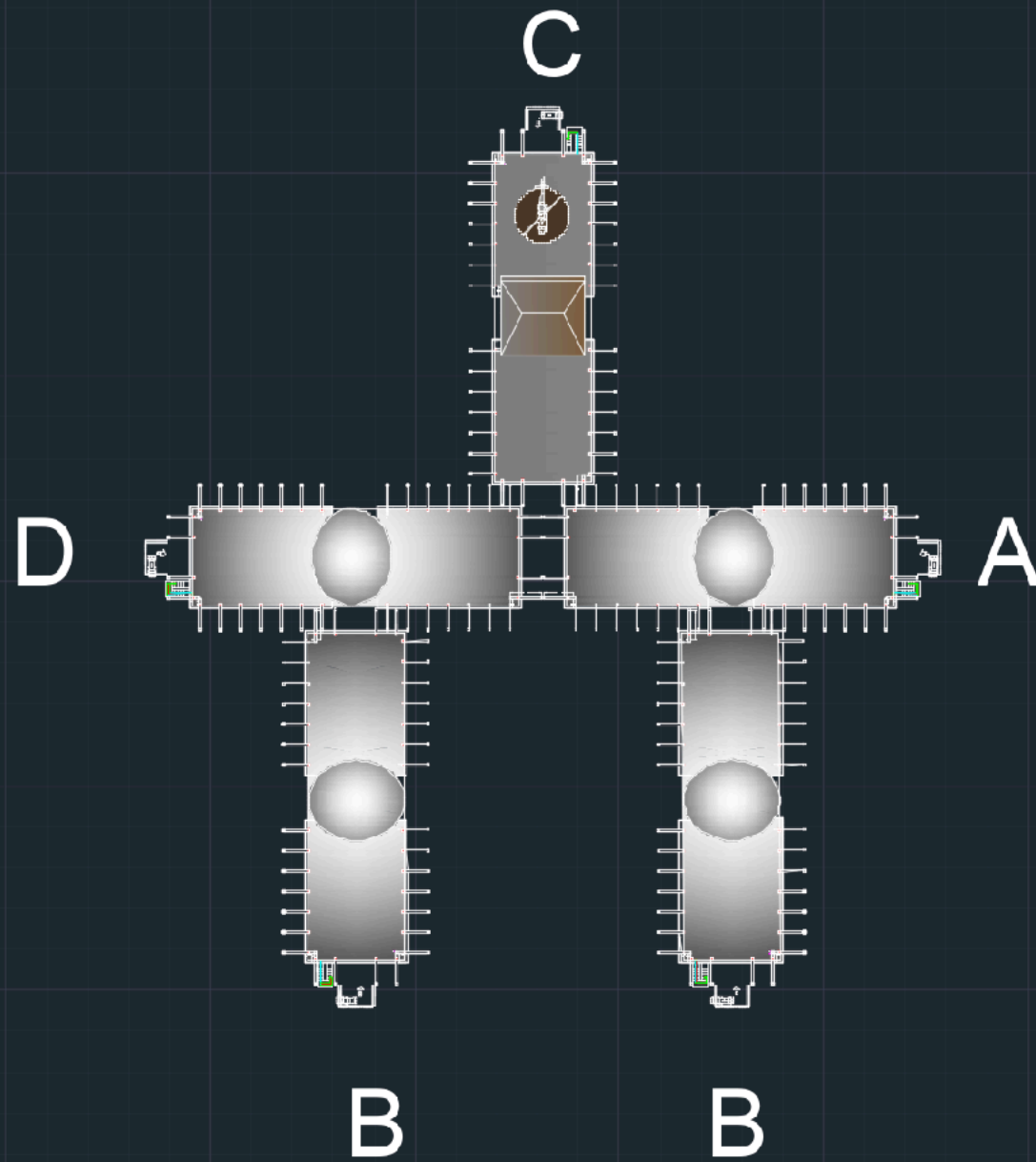


THE ARK BUILDING

BENEFITS

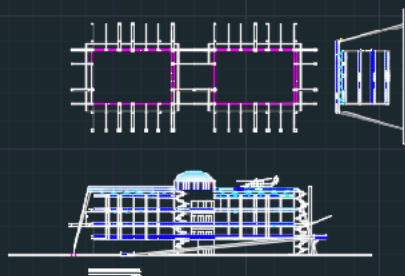
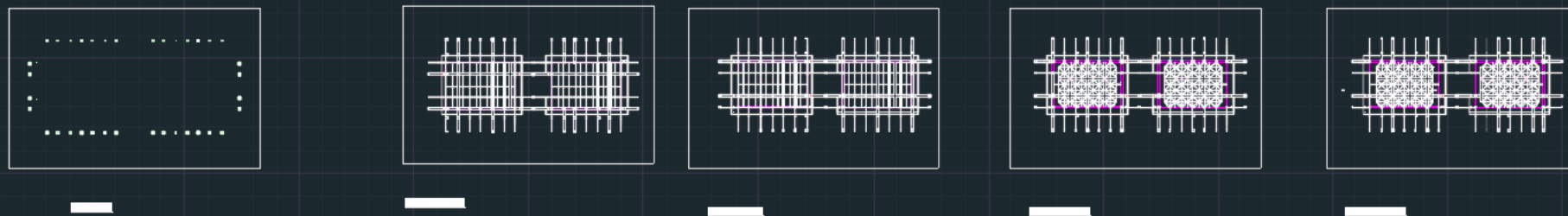
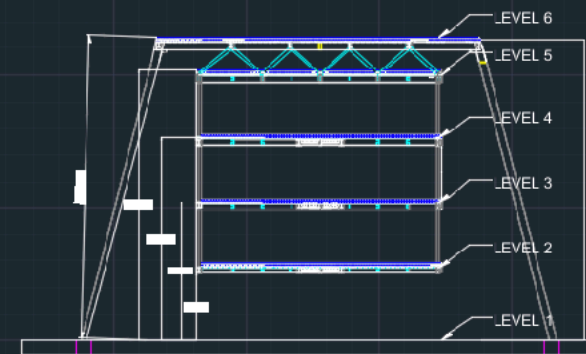
*PROTECTION AND DEFENSE AGAINST PANDEMIC
PROTECTION AND DEFENSE-AGAINST NATURAL DISASTERS
SELF -SUFFICIENT IN ENERGY AND WATER
INCREASES THE MULTIFUNCTION SPACE OF THE BUILDING
INCREASES THE MOBILITY OF CONSTRUCTION
THE CONSTRUCTION PRICES ARE LOWER
IS BUILT FASTER*

URGENT CARE HOSPITAL : 350 BEDS



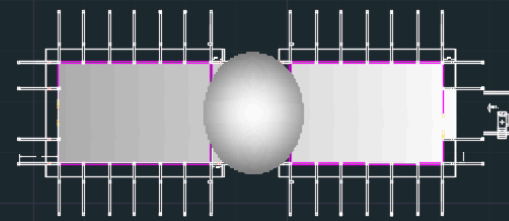
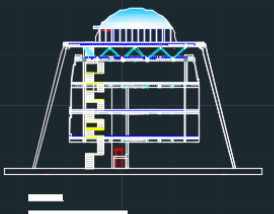
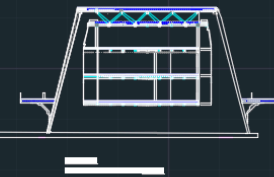
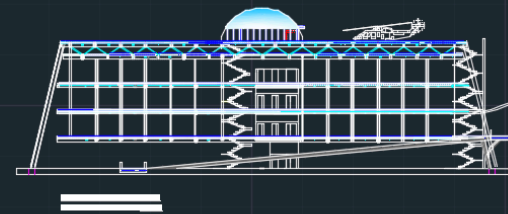
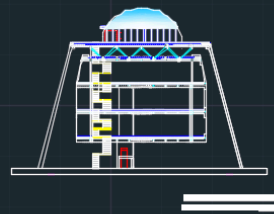
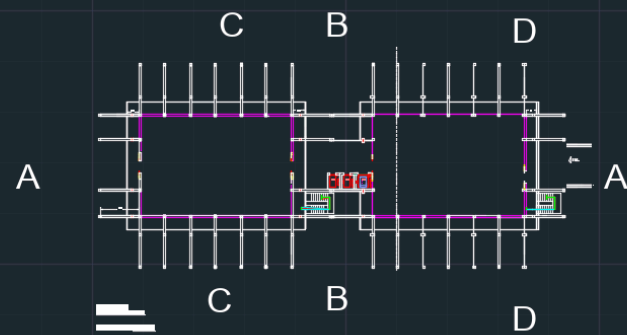
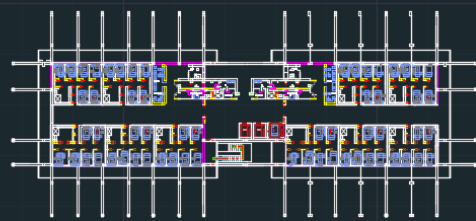
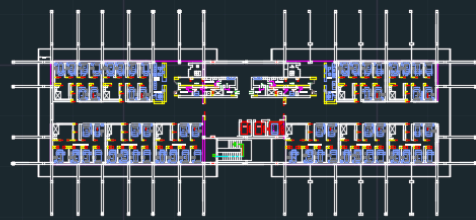
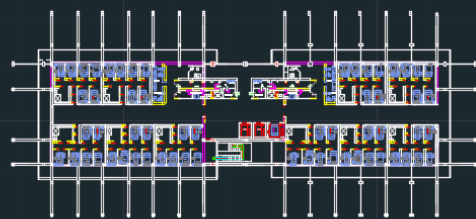
GENERAL METAL TRUSSES AND FOUNDATION

METAL TRUSSES AND FOUNDATIONS.

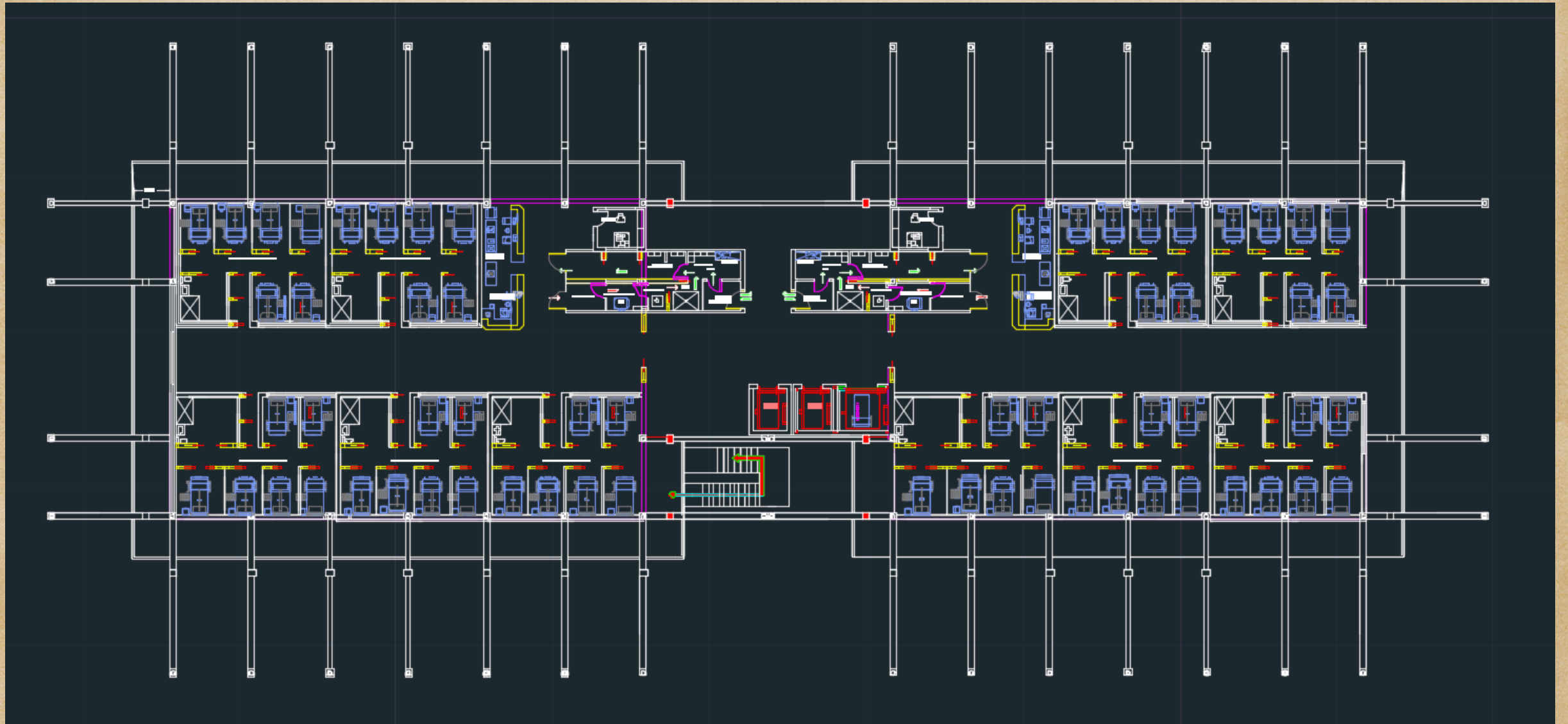


INFECTION PANDEMIC BUILDING

INFECTION PANDEMIC BUILDING

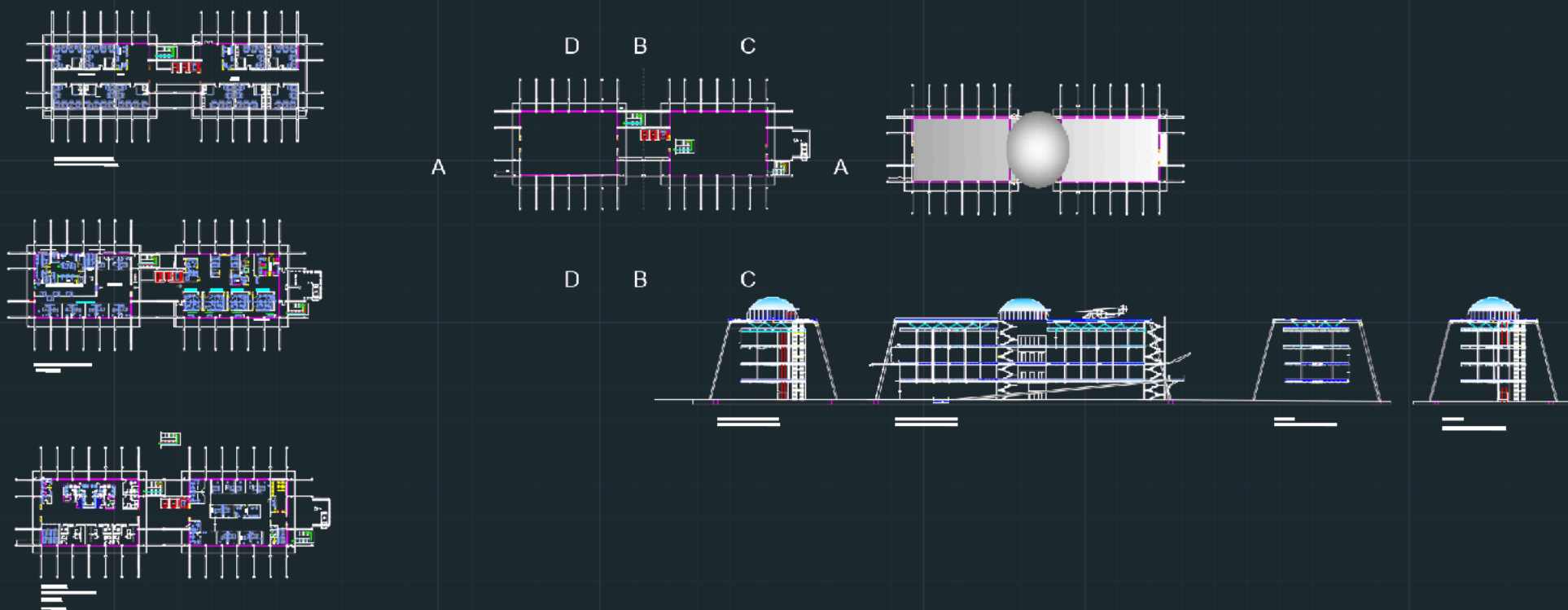


INFECTION PANDEMIC FLOOR PLAN

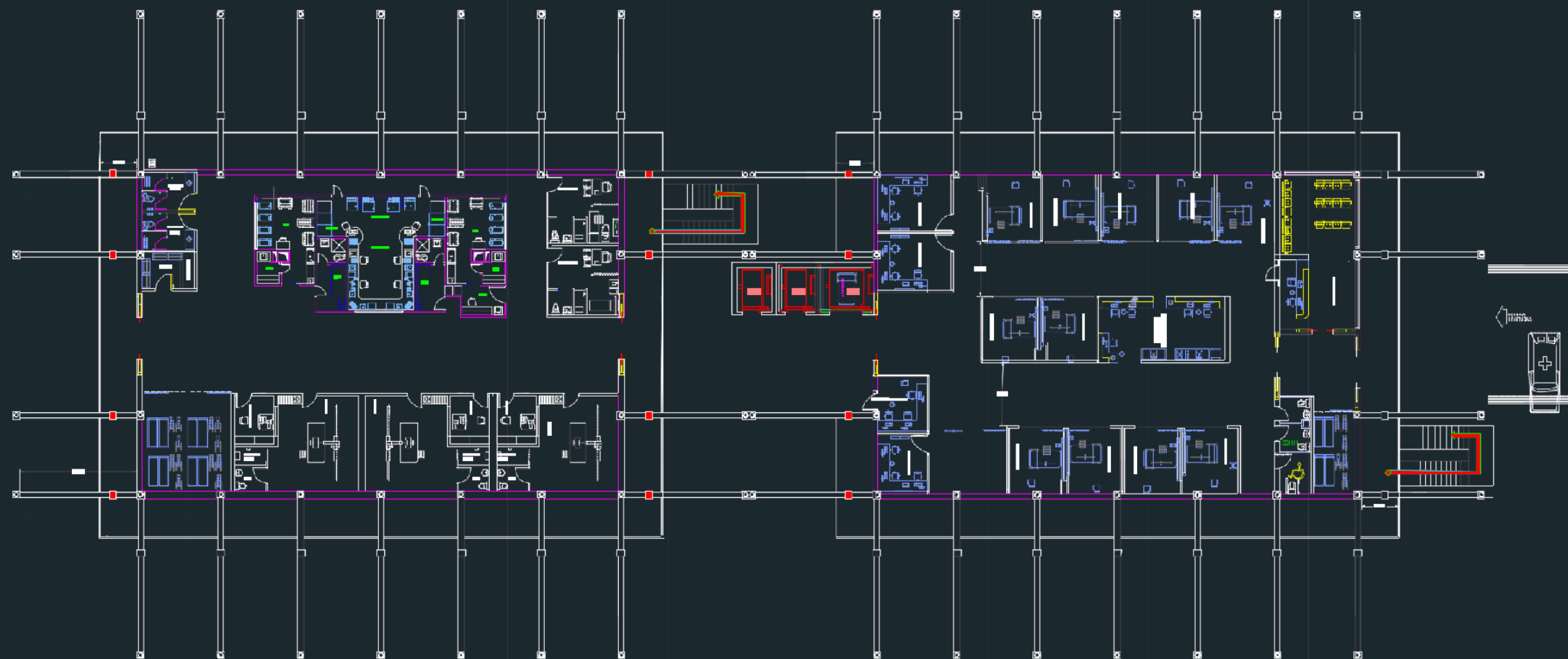


URGENT CARE BUILDING
(A)

URGENT CARE BUILDING



ADMISSION-RX-LAB (FIRST FLOOR)



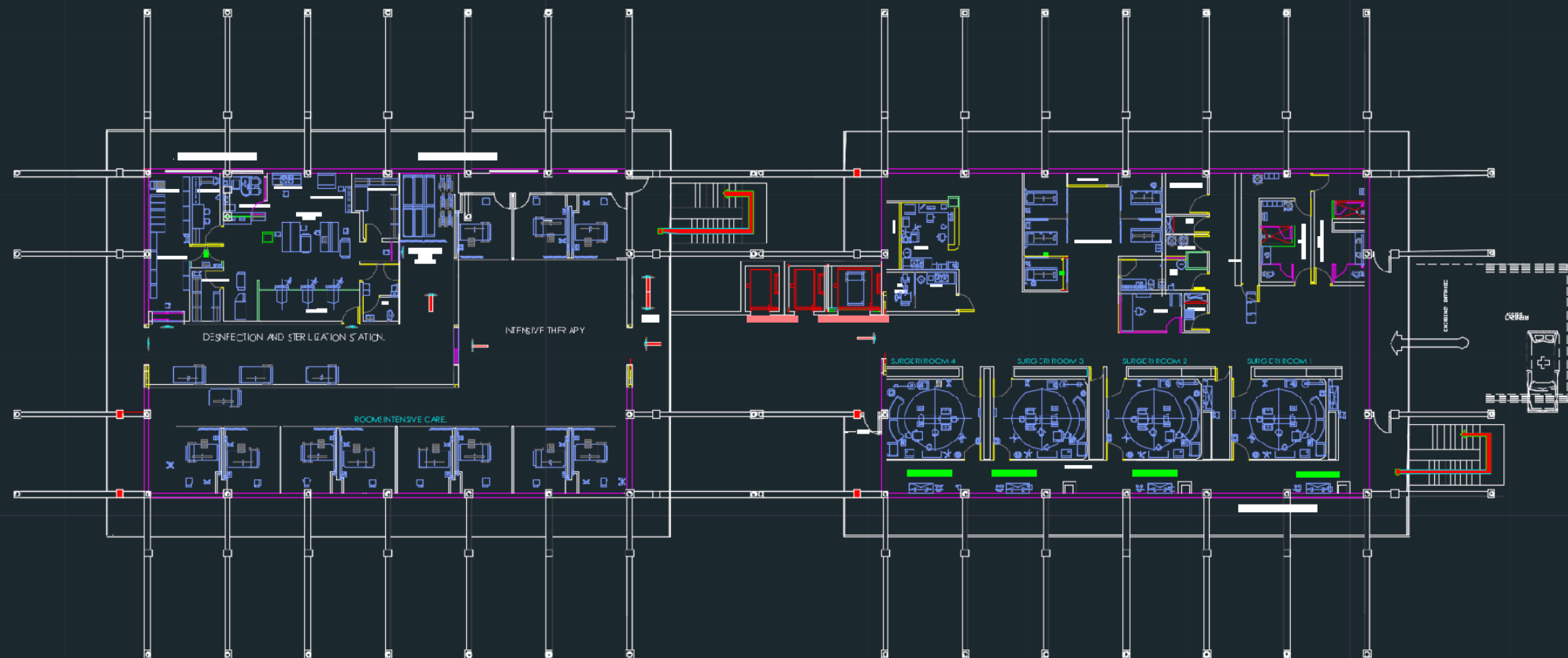
EMERGENCY ROOM.

ULTRASOUND, RX LABORATORY MODULE

LEVEL + 6.0800

ESC 1:1

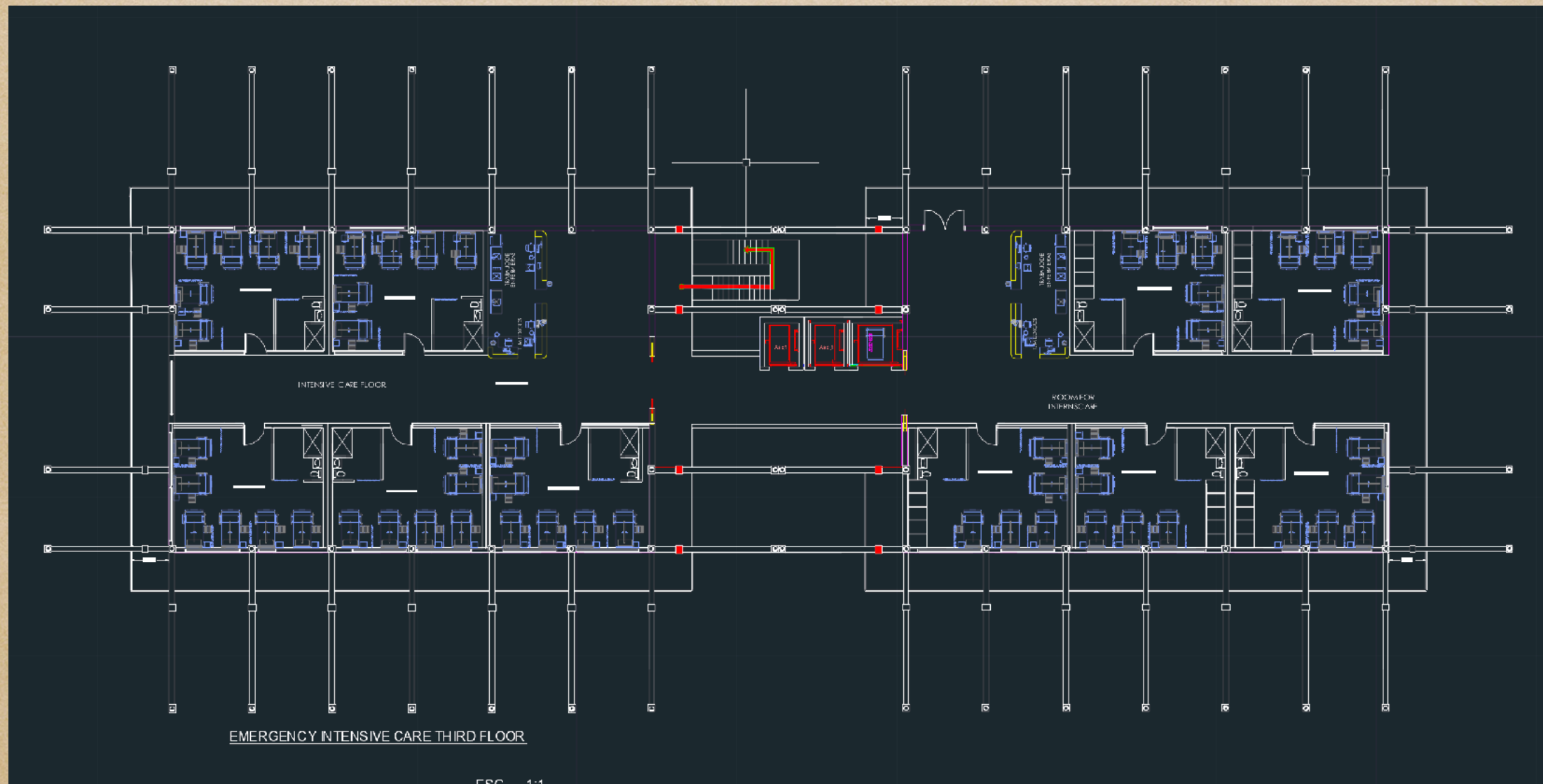
OPERATING AND RECOVERY ROOM (SECOND FLOOR)

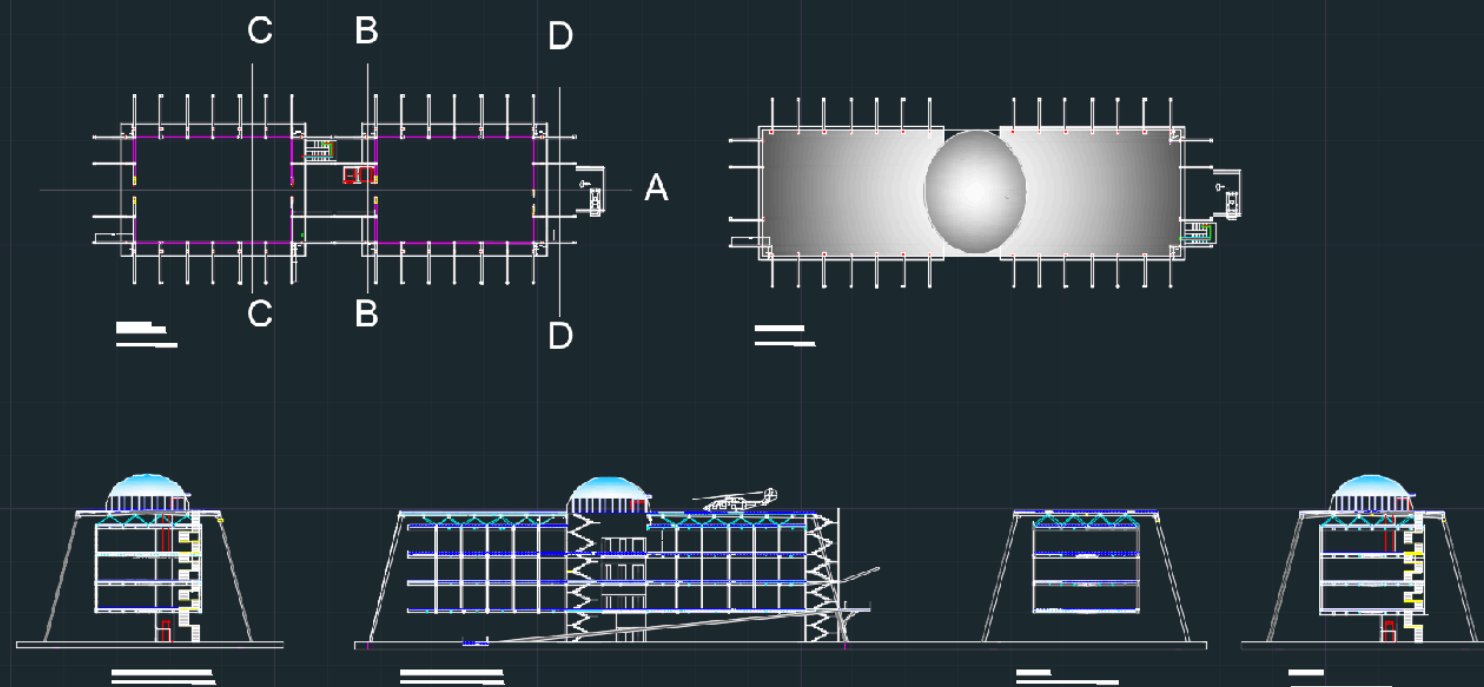


OPERATING ROOMS AND INTENSIVE CARE.

ESC 1:1

INTENSIVE CARE ROOMS (THIRD FLOOR)

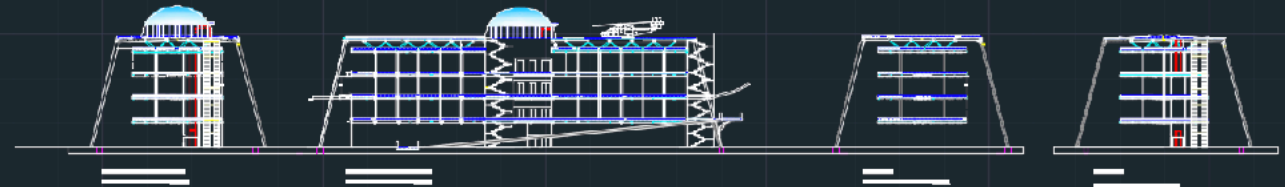
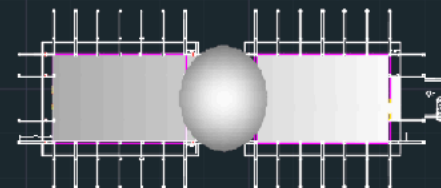




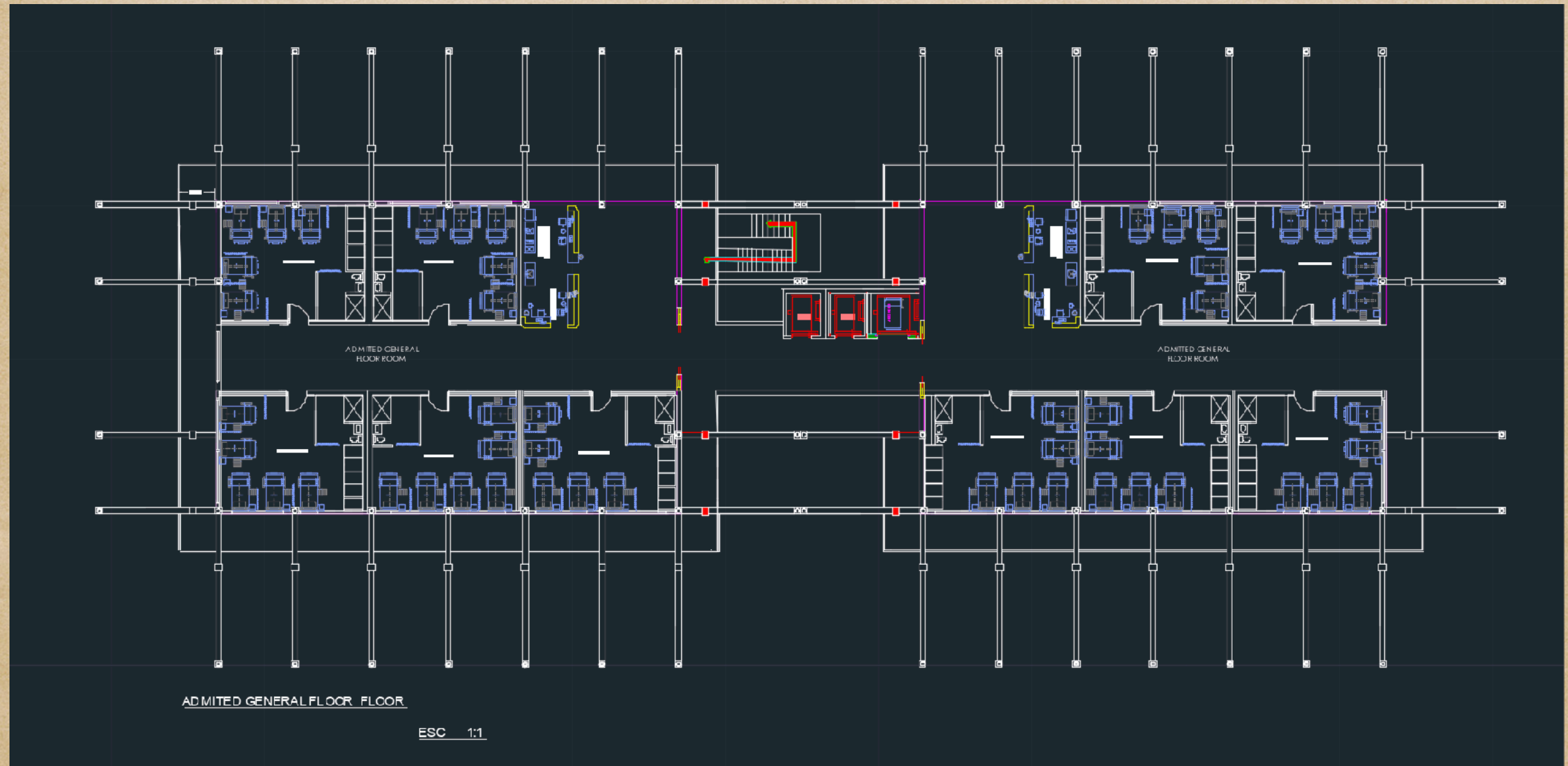
URGENT CARE GENERAL SECTIONS.

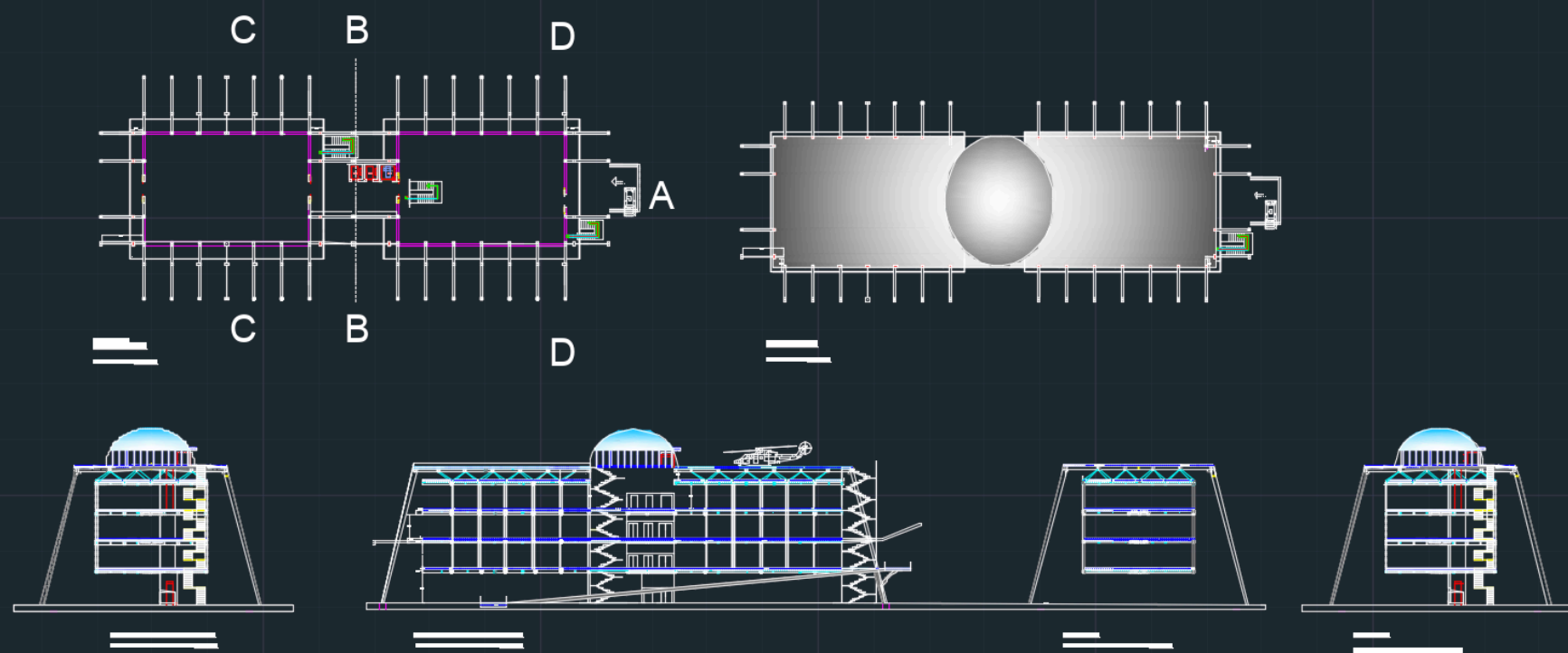
PATIENTS BUILDING ROOM
(B)

PATIENTS BUILDING ROOMS



PATIENTS CARE ROOMS (TYPICAL PLANT)

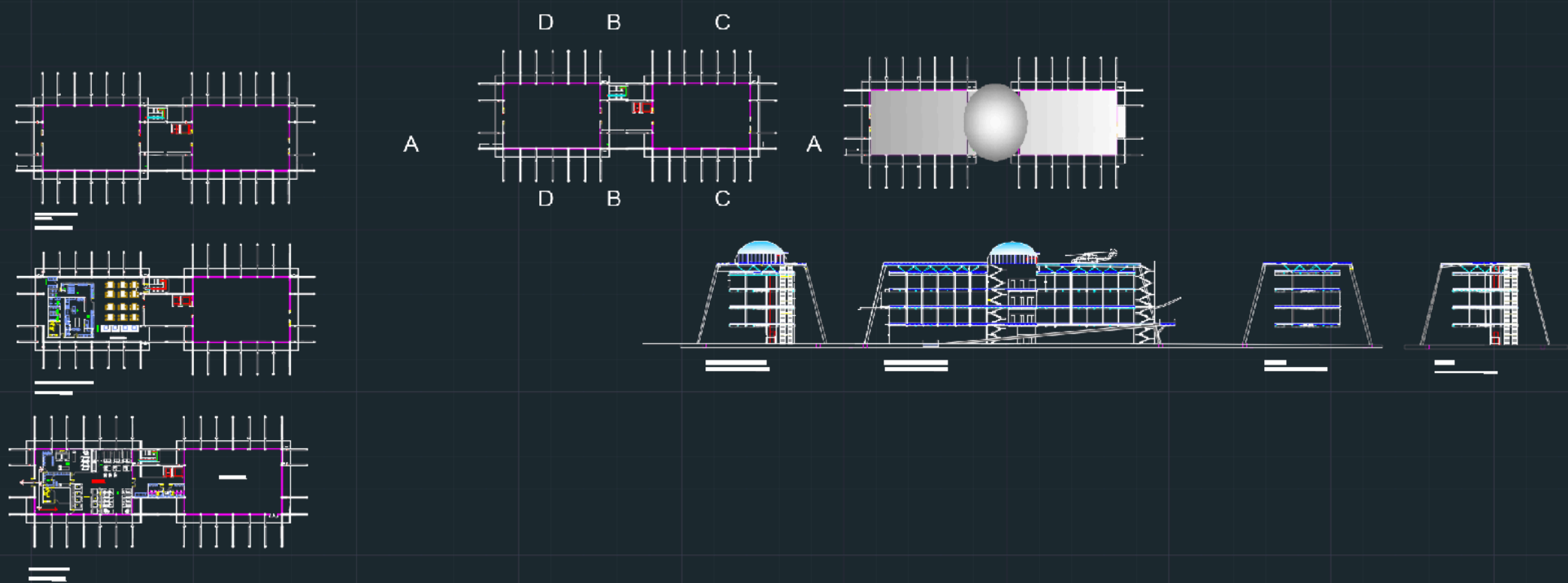




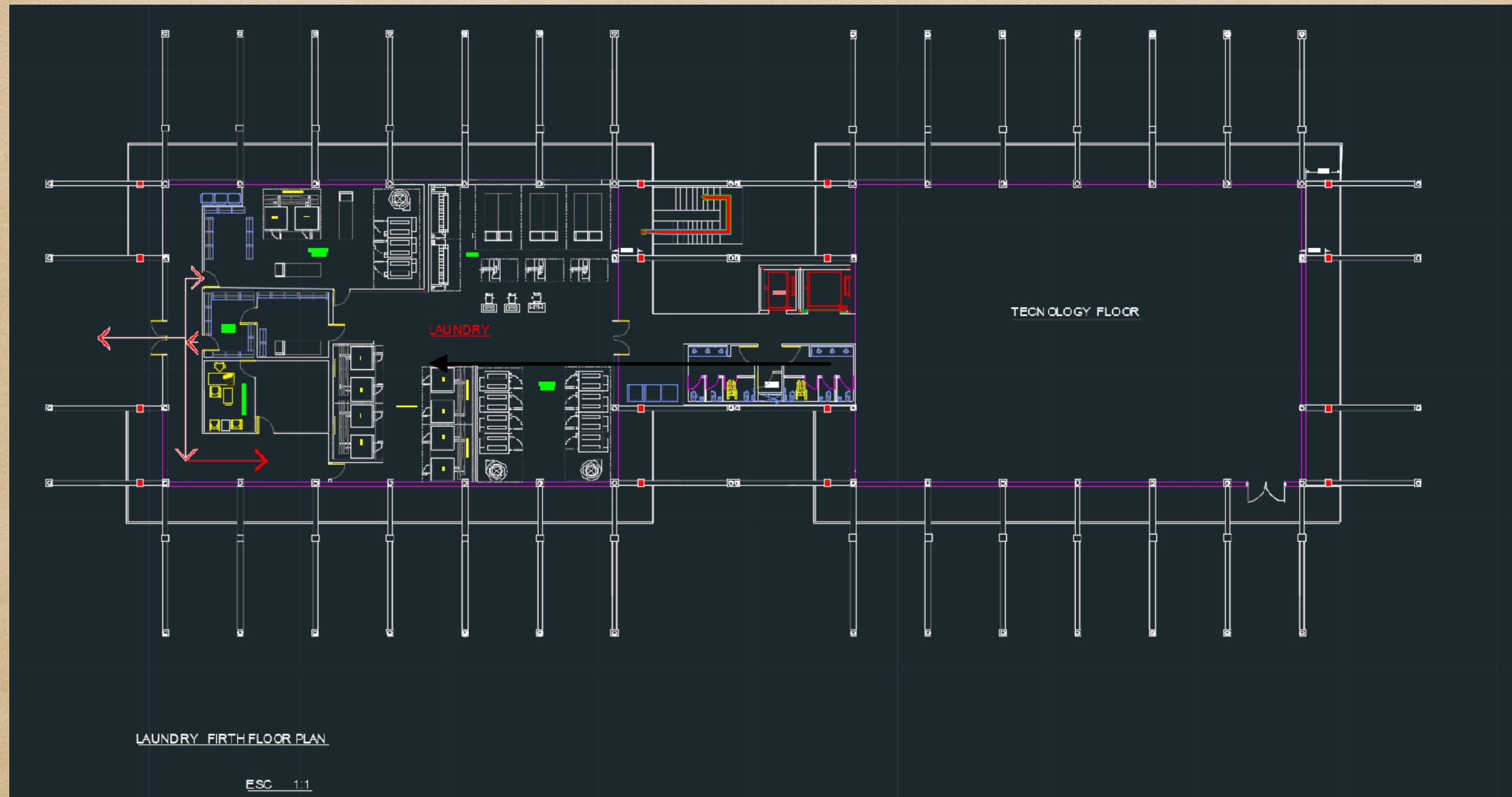
PATIENTS GENERAL SECTIONS.

TECHNOLOGY BUILDING
(C)

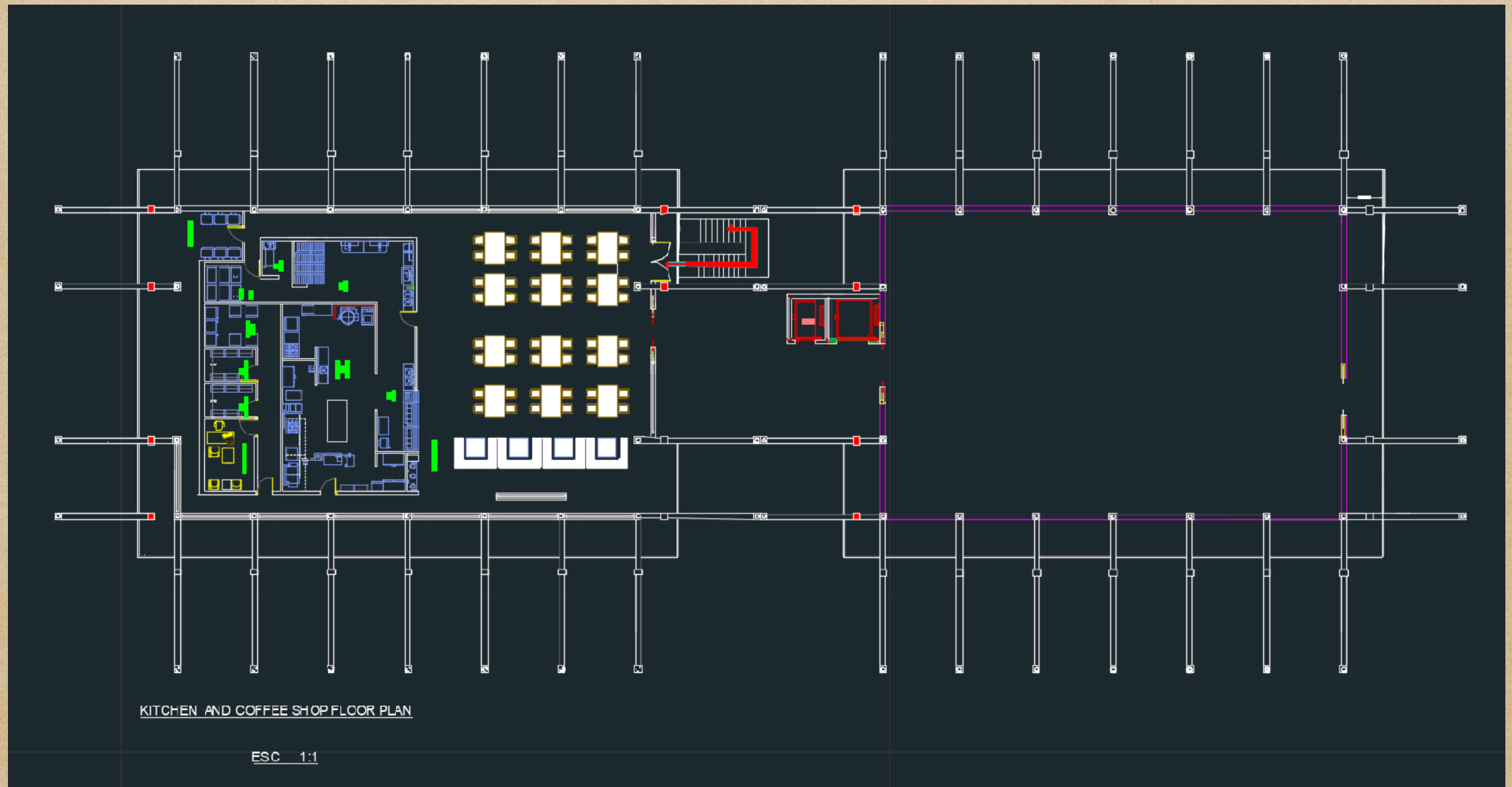
TECHNOLOGY BUILDING



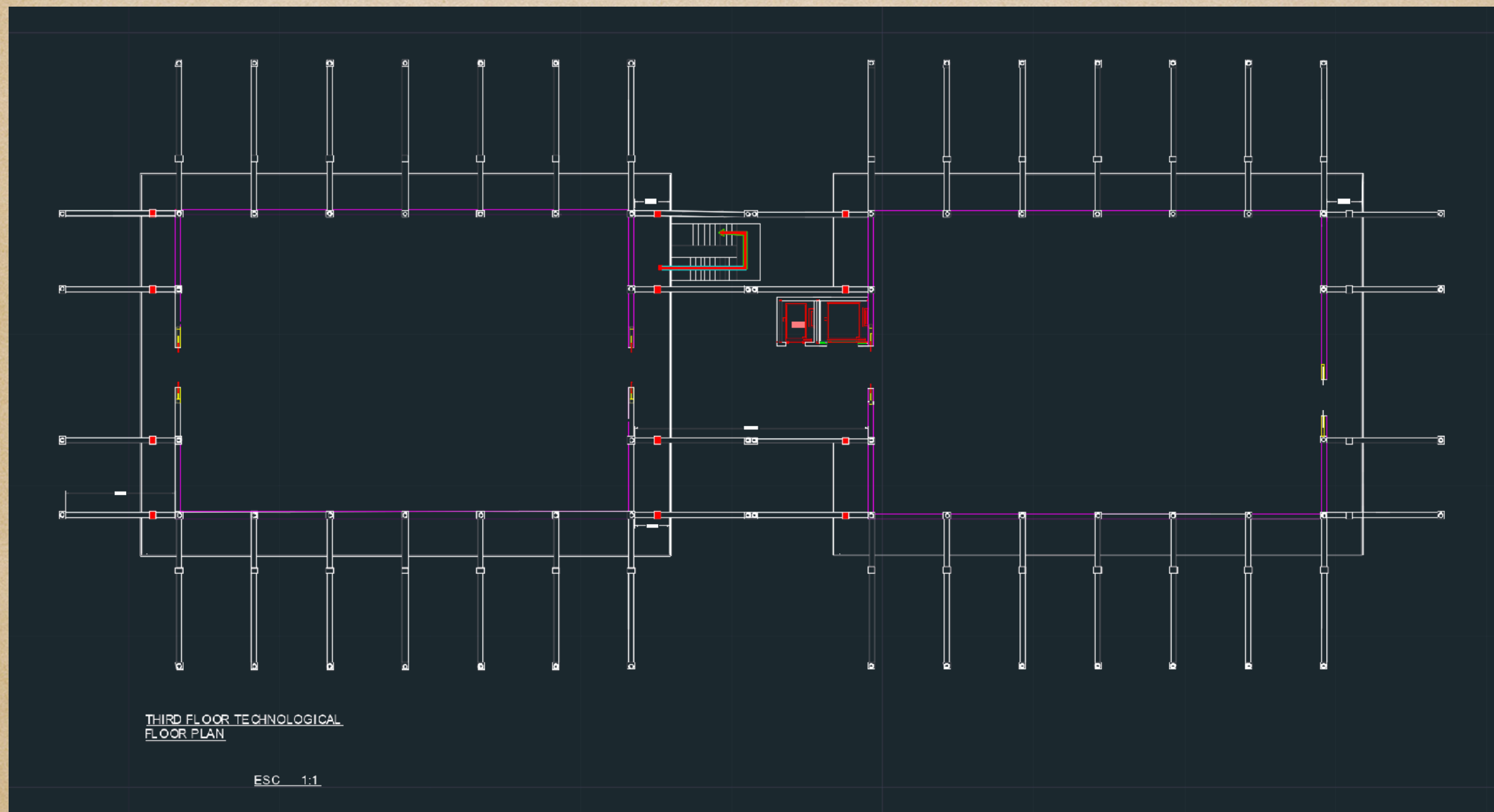
LAUNDRY (FIRST FLOOR)

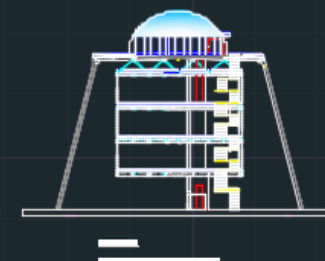
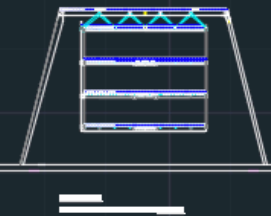
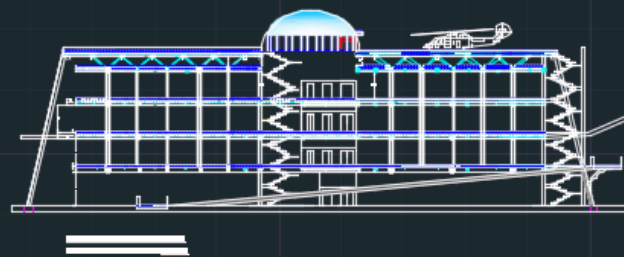
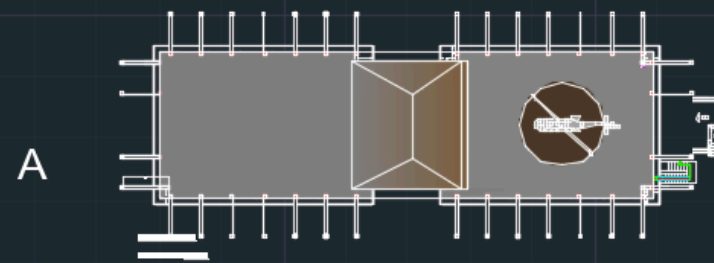
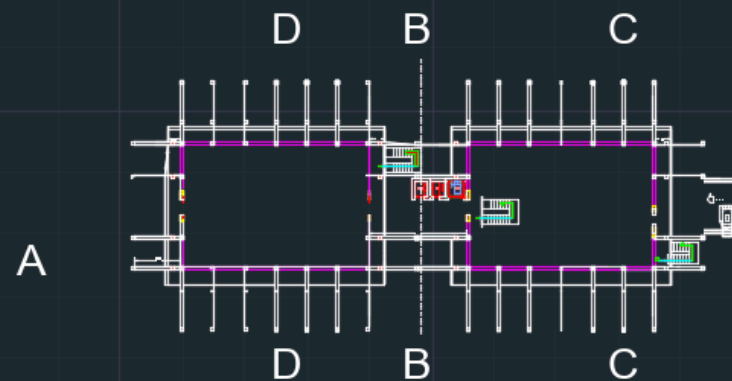


KITCHEN AND COFFEE SHOP (SECOND FLOOR)



TECHNOLOGY FLOOR (THIRD FLOOR)

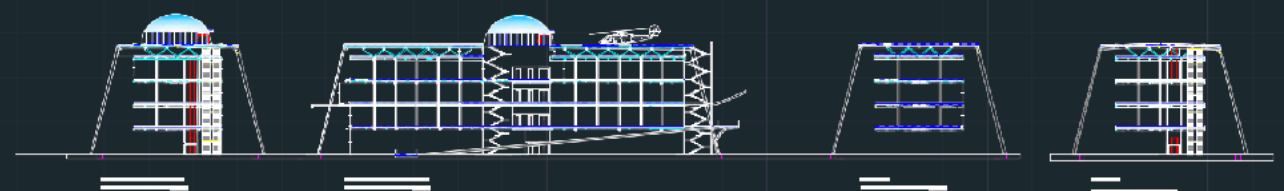
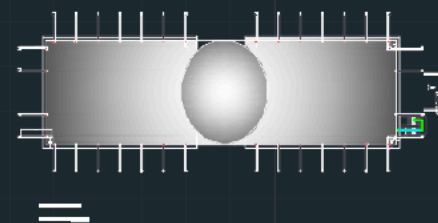
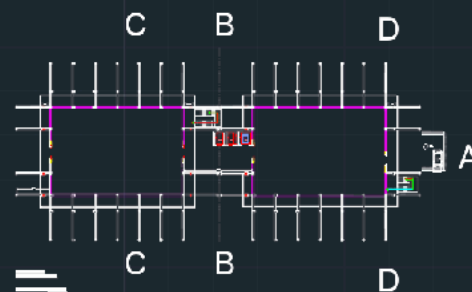




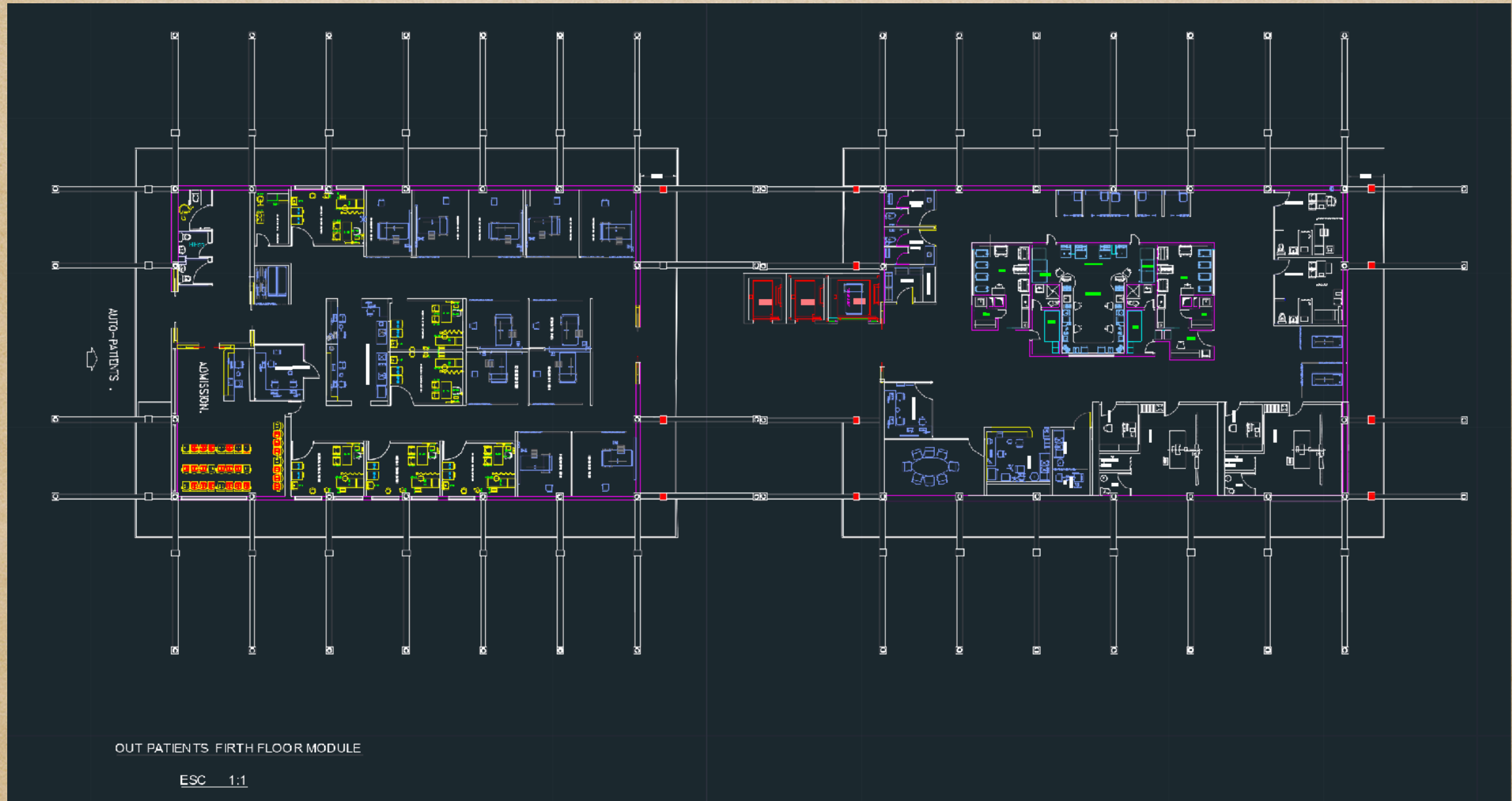
TECHONOLY BUILDING SECTIONS.

OUTPATIENTS BUILDING
(D)

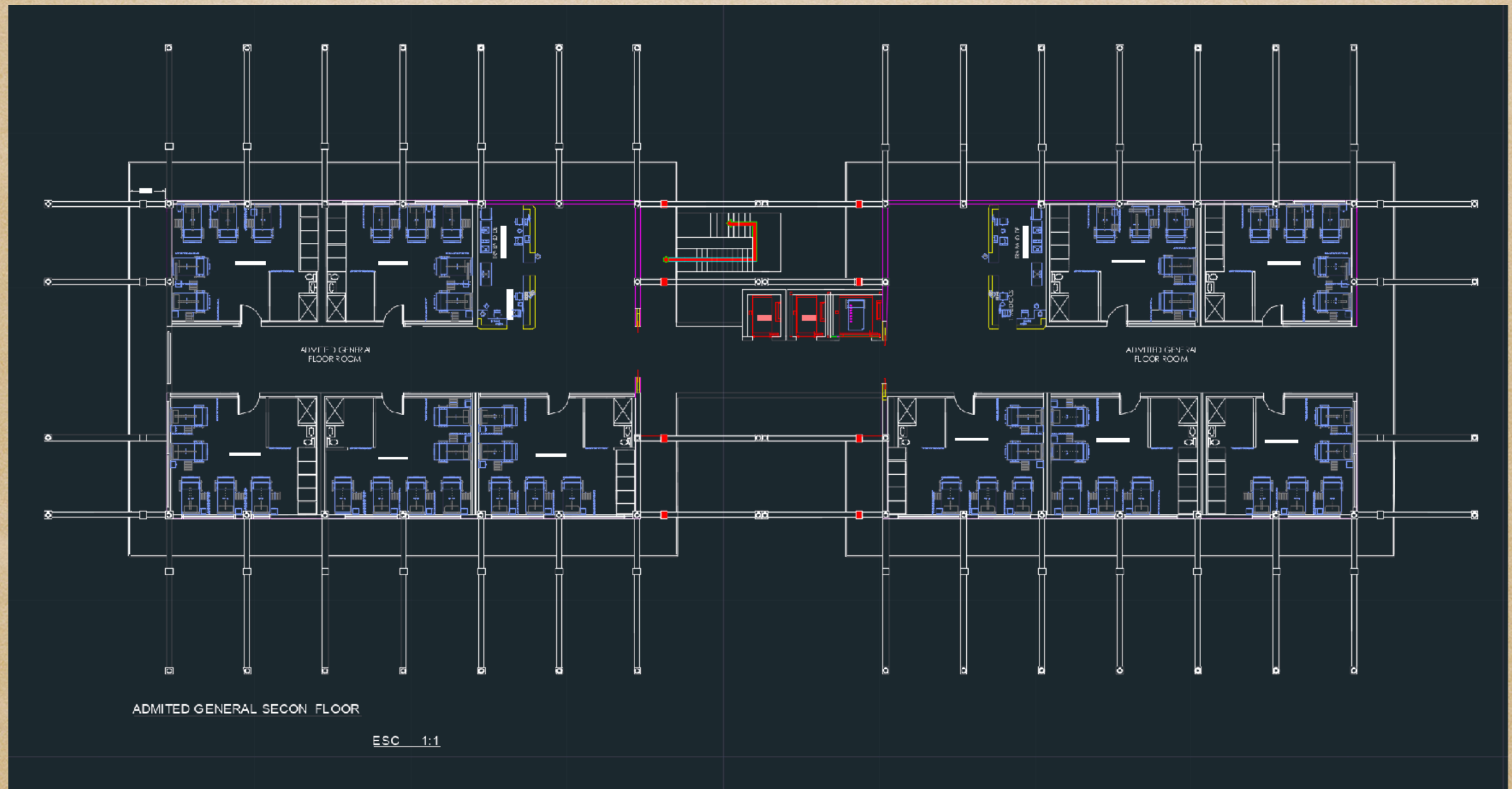
OUT-PATIENTS FLOOR PLAN



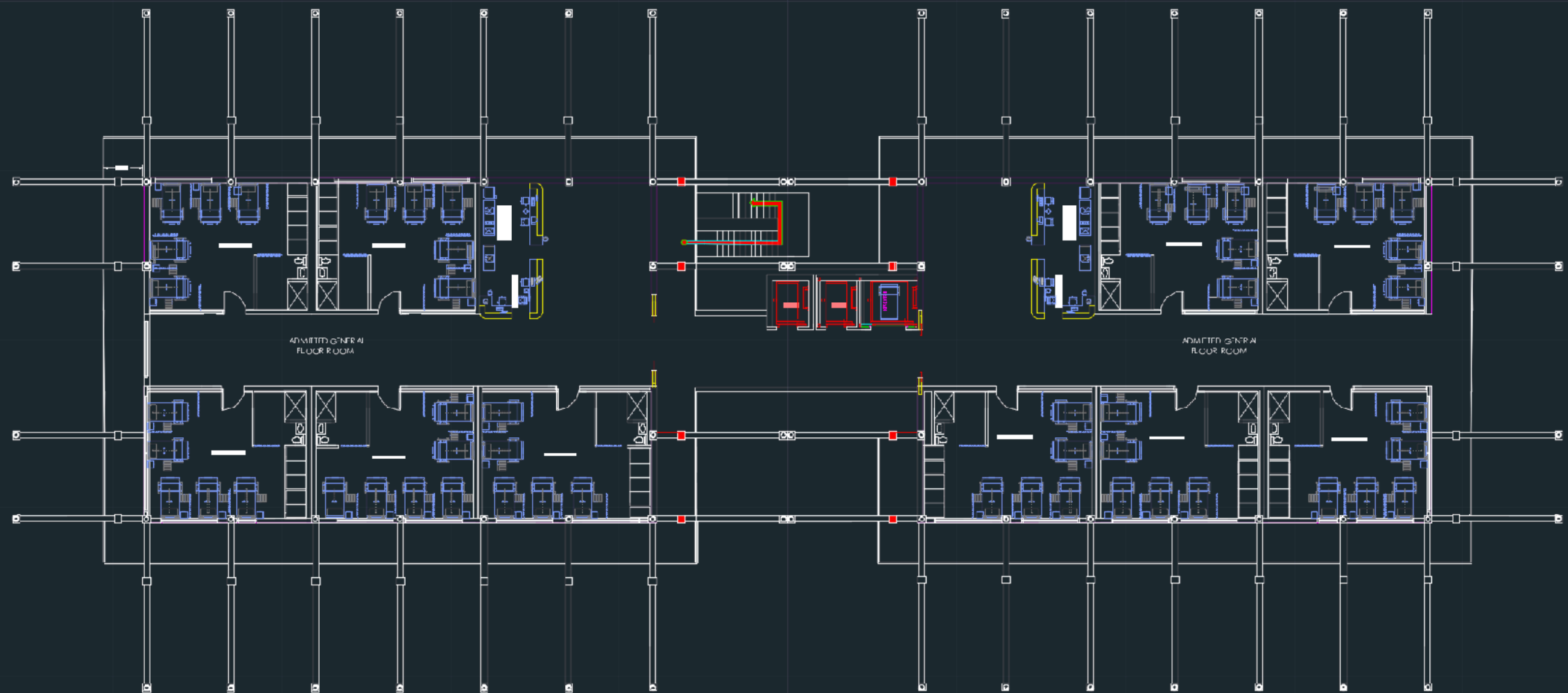
CONSULTING AND LAB (FIRTH FLOOR)



ADMITTED GENERAL ROOMS (SECOND FLOOR)

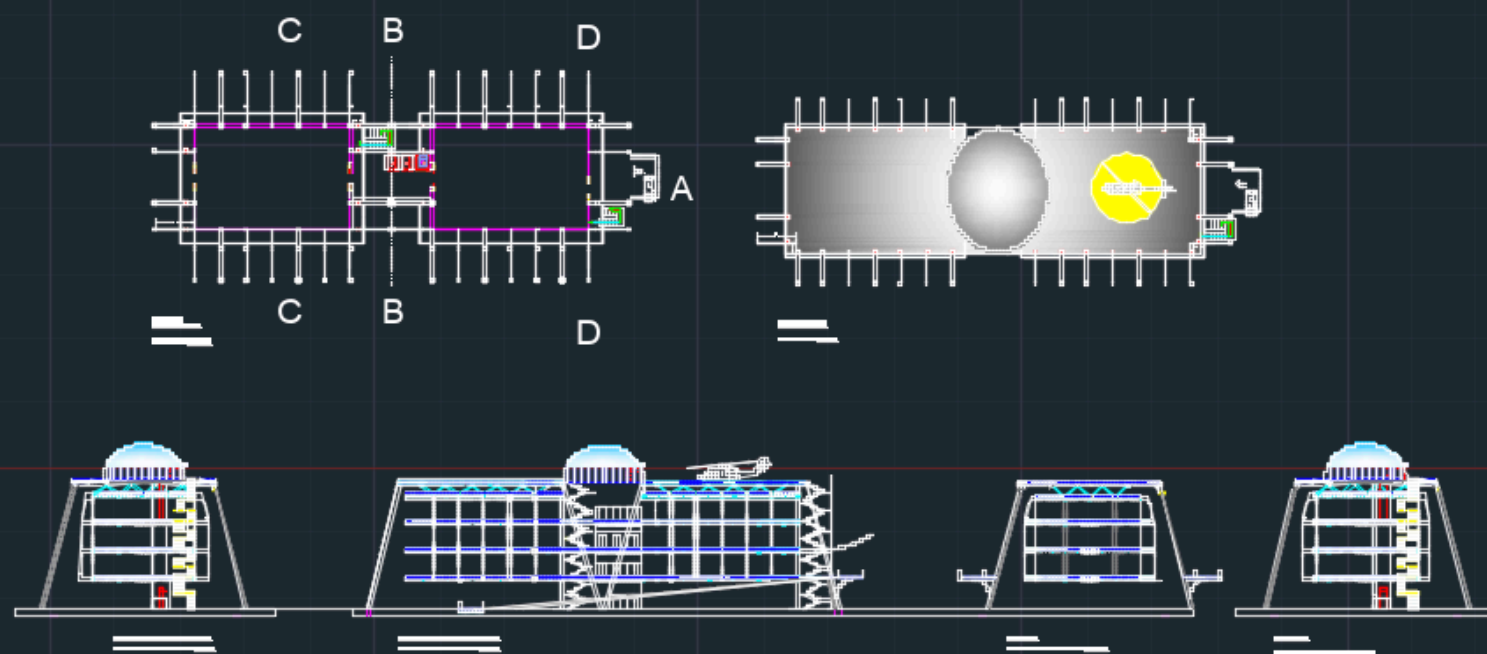


INTENSIVE CARE ROOMS (THIRD FLOOR)



ADMITTED GENERAL THIRD FLOOR FLOOR

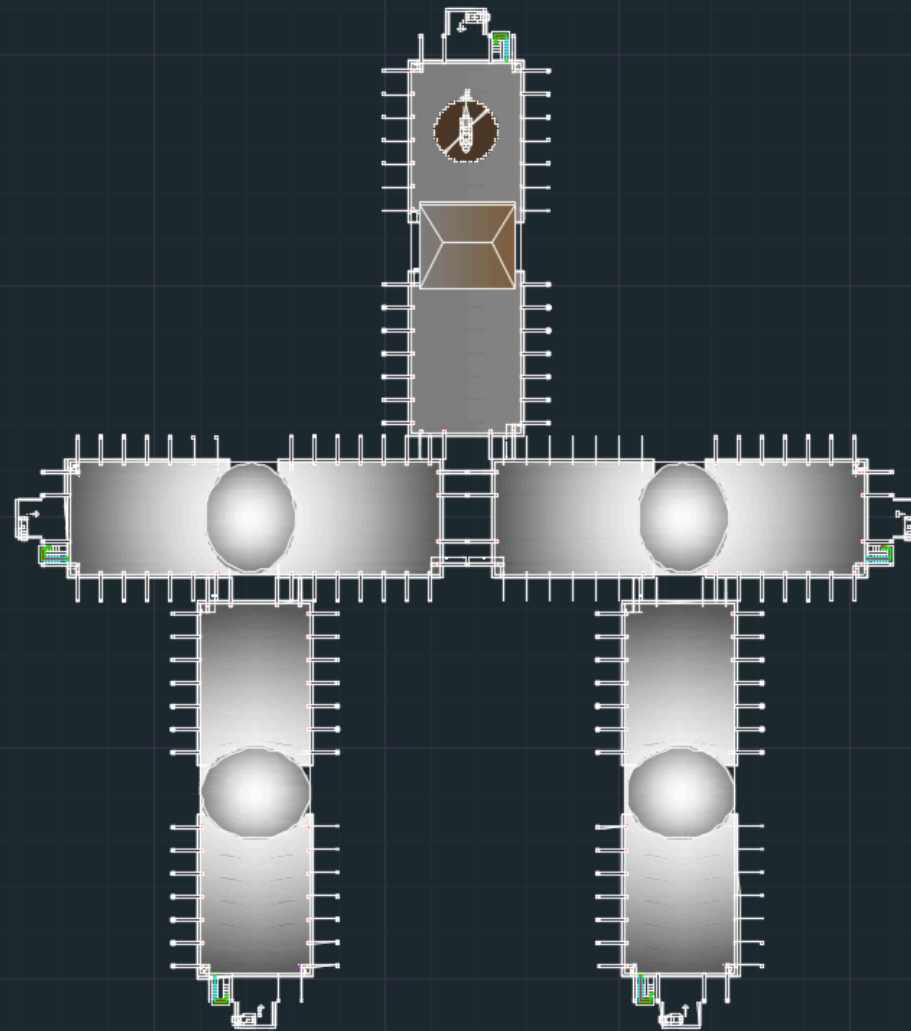
ESC 1:1



OUT-PATIENTS GENERAL SECTIONS.

MULTIPURPOSE BUILDING

MULTIPURPOSE URGENT CARE HOSPITAL : 1,720 BEDS



MULTIPURPOSE FLOOR PLAN

THE BUILDING HAS THE POSSIBILITY TO BE CONVERTED IN:

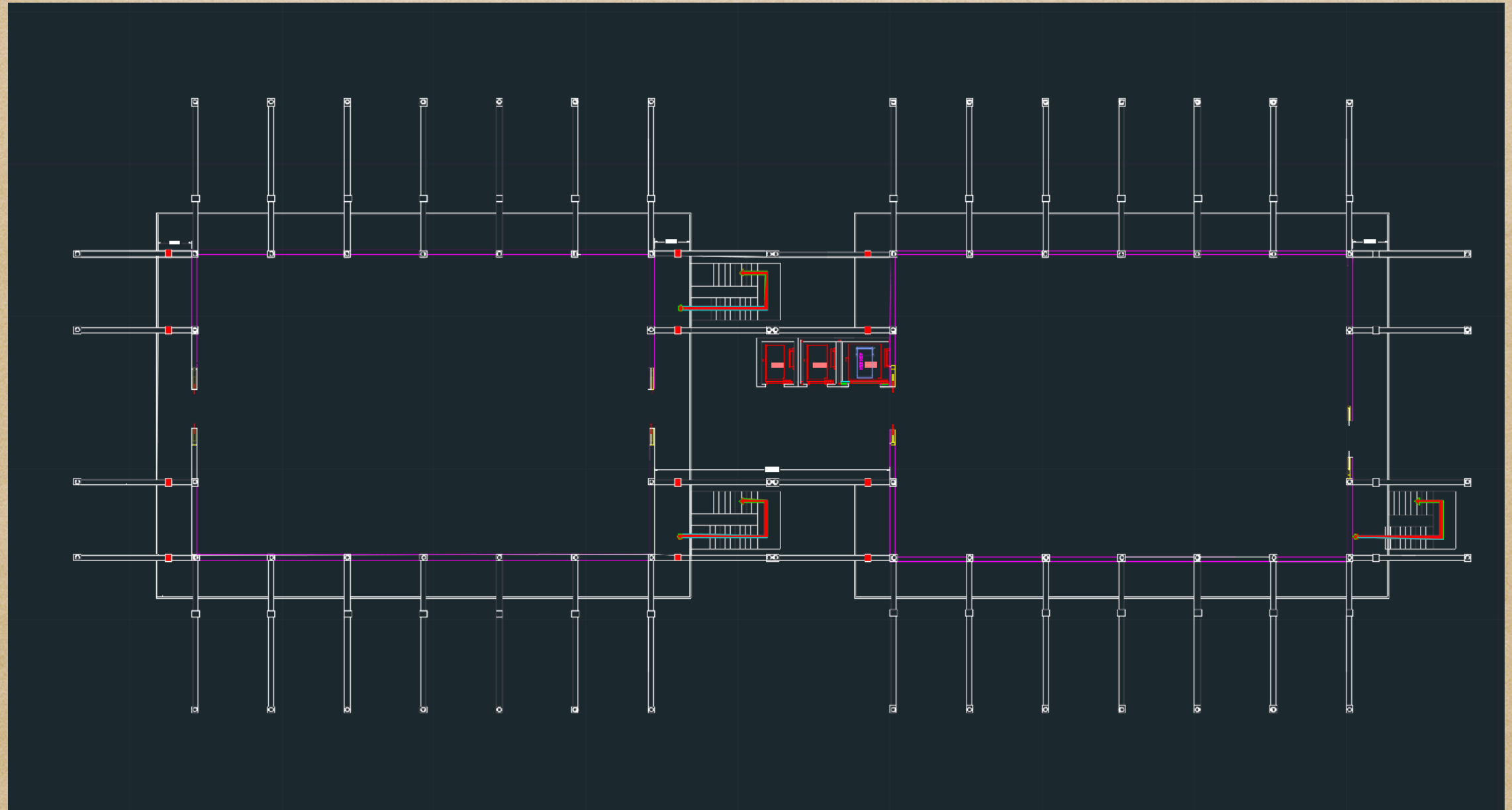
- HOSPITAL.
- UNIVERSITY
- CONVENTION CENTER
- REFUGE CENTER FOR NATURAL DISASTERS
- MALL
- AIRPORT FACILITY
- TRAIN - BUS STATION
- SPORTS CENTER

PANDEMIC AND NATURAL

CATASTROPHES :

- MULTIPURPOSE URGENT CARE HOSPITAL (1,720 BEDS)
- URGENT CARE HOSPITAL (350 BEDS)

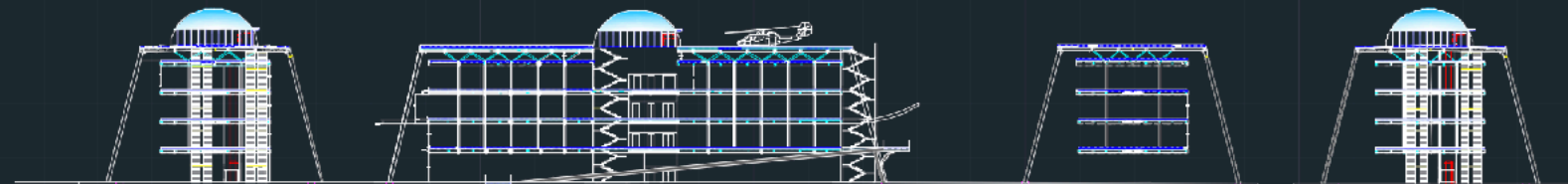
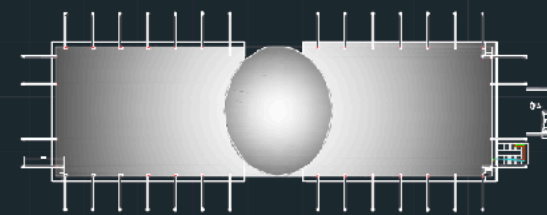
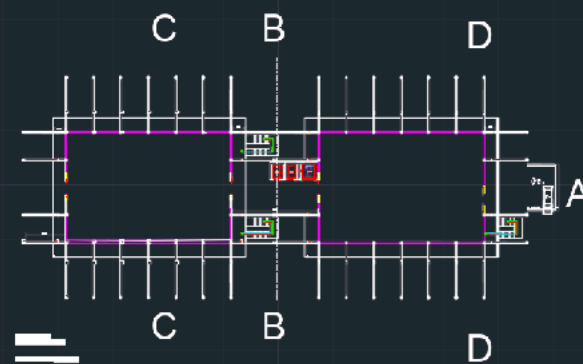
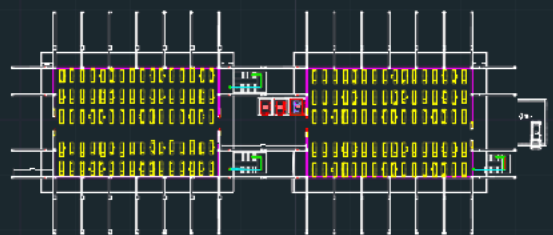
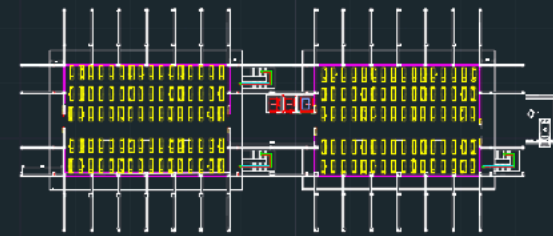
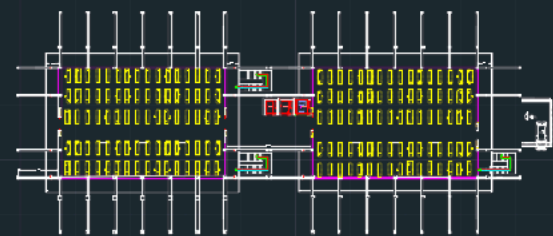
MULTIPURPOSE FLOOR PLAN

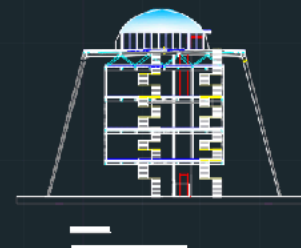
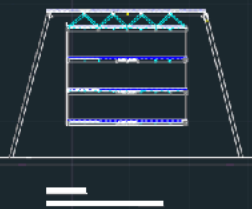
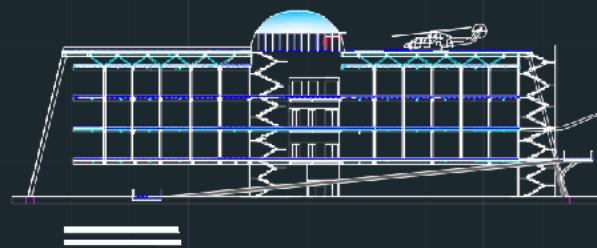
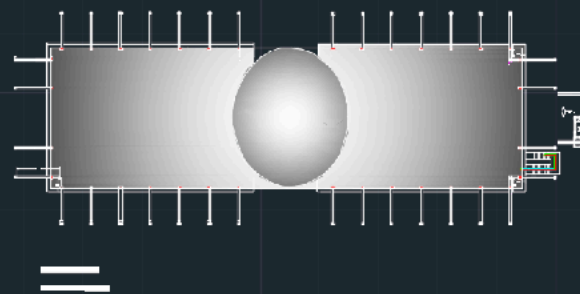
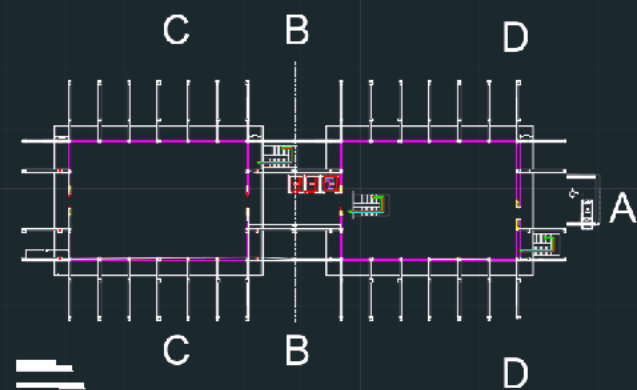


MULTIPURPOSE SPACE

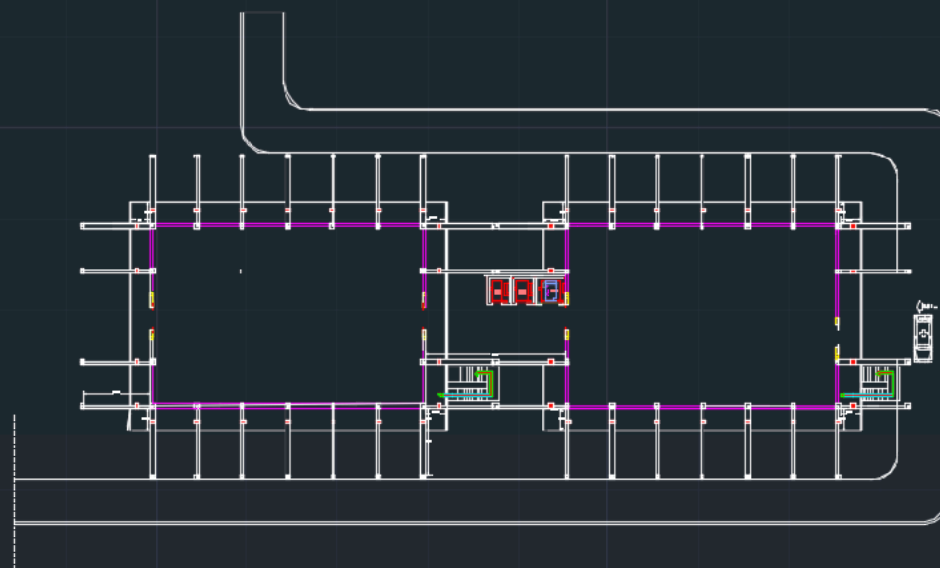
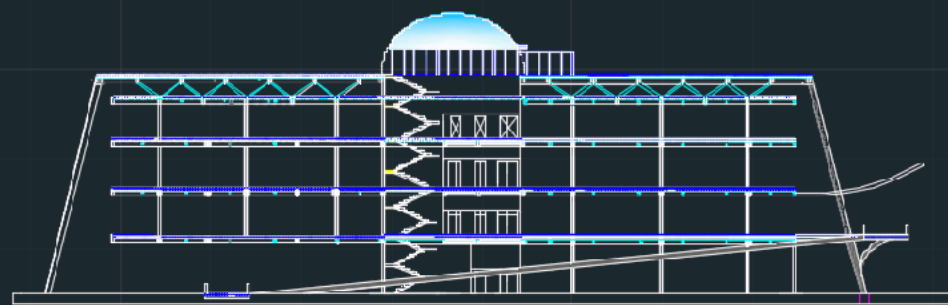
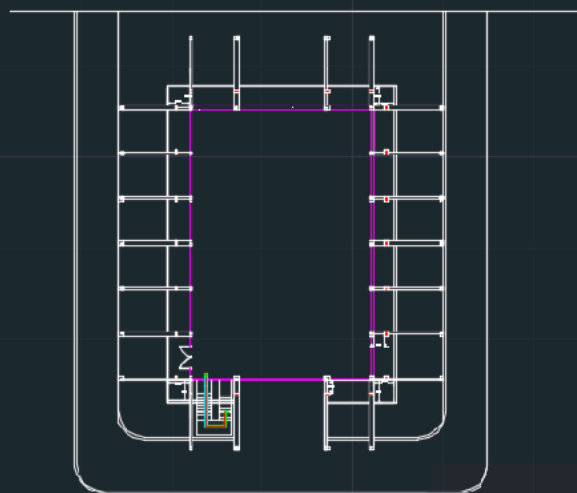
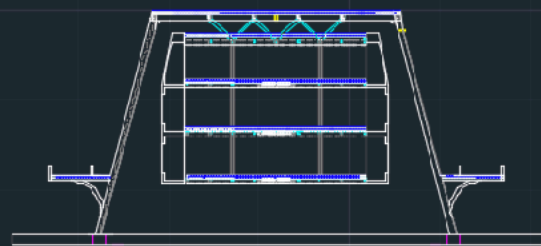
(480 BEDS)

MULTIPURPOSE BUILDING





MULTIPURPOSE BUILDING GENERAL SECTIONS.

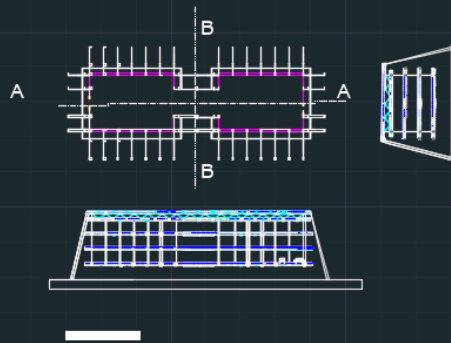
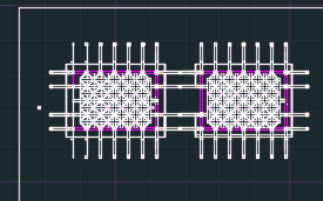
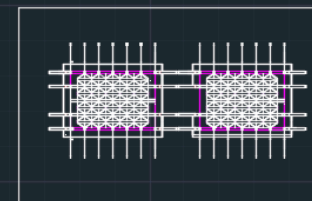
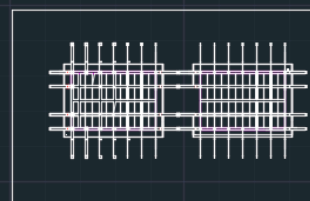
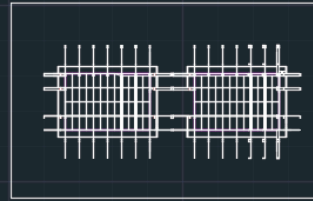
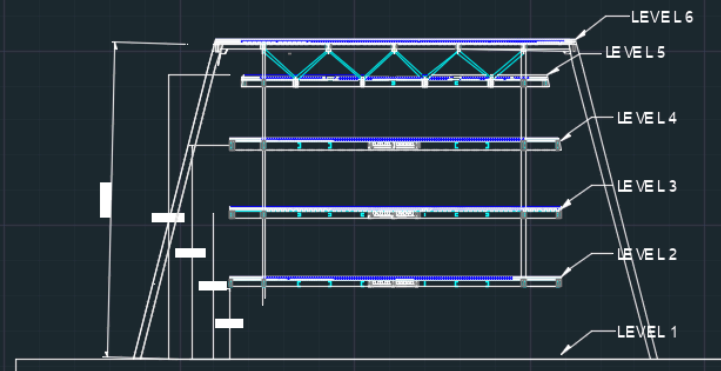
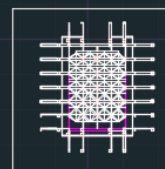
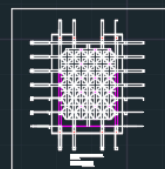
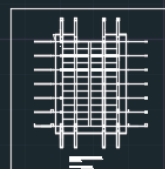
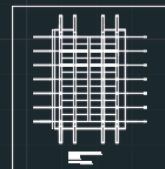


RAMPS .

PARKING LOT

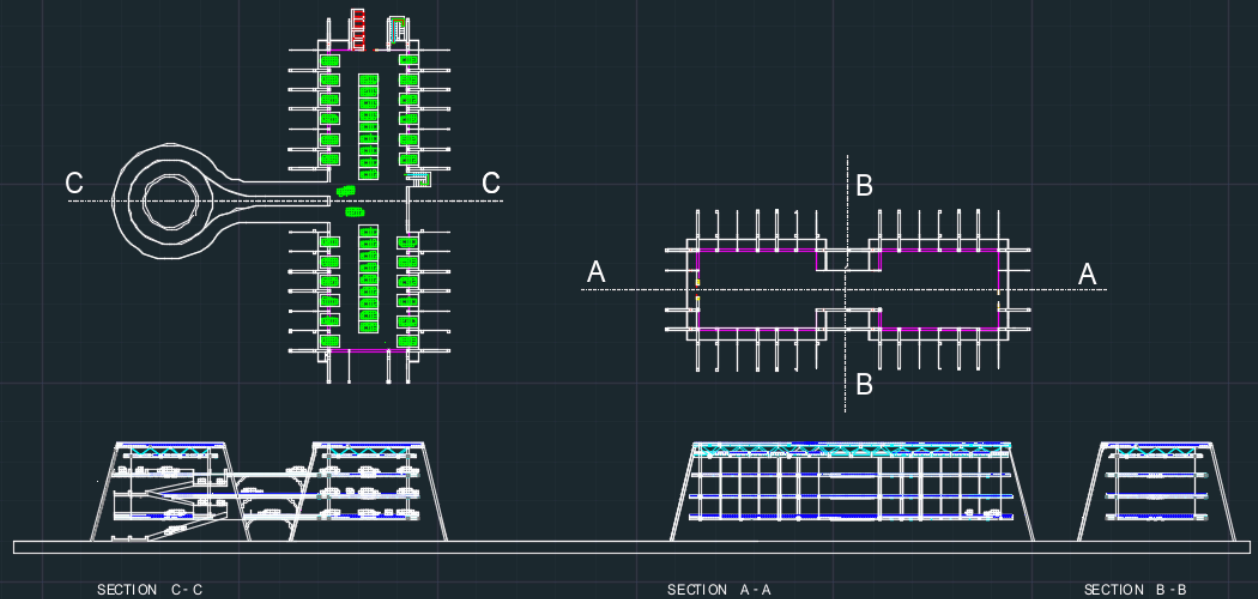
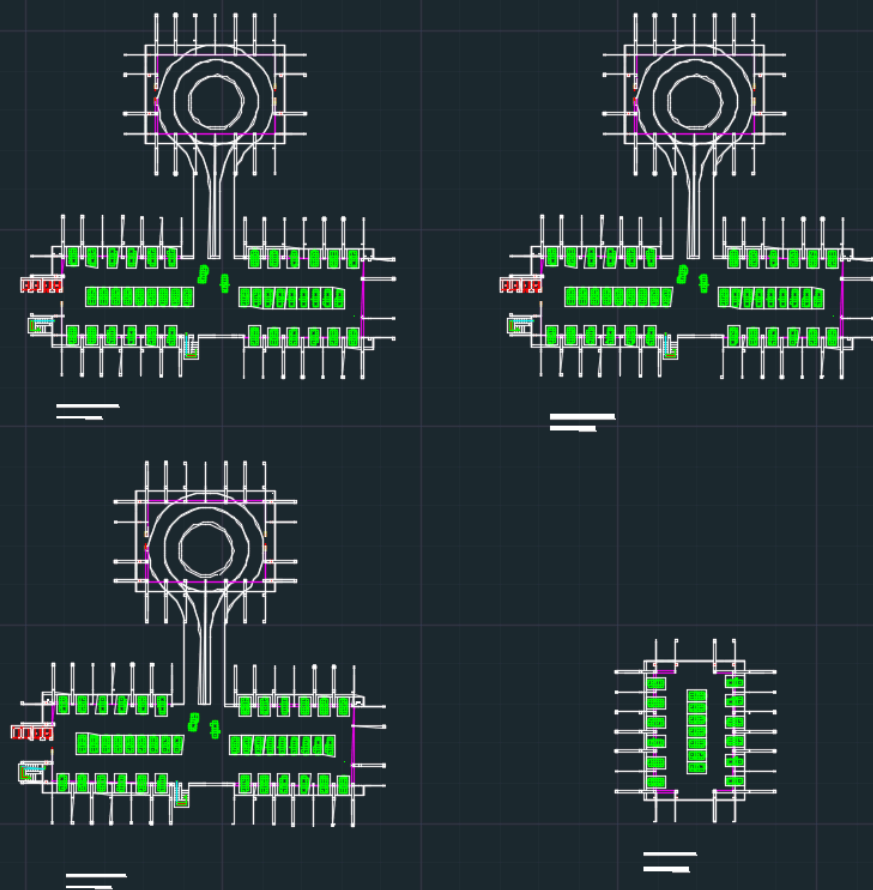
PARKING LOT

METAL TRUSSES AND FOUNDATIONS.

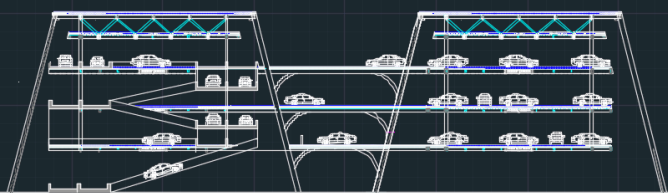
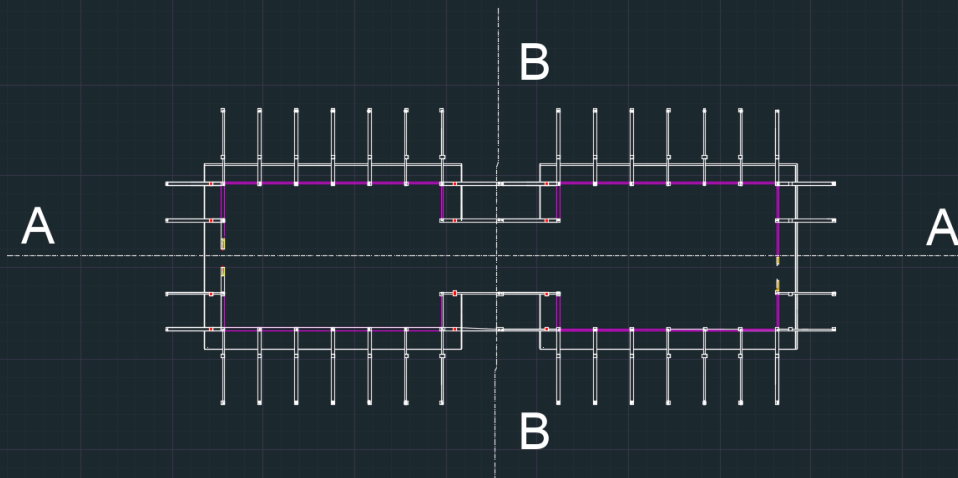
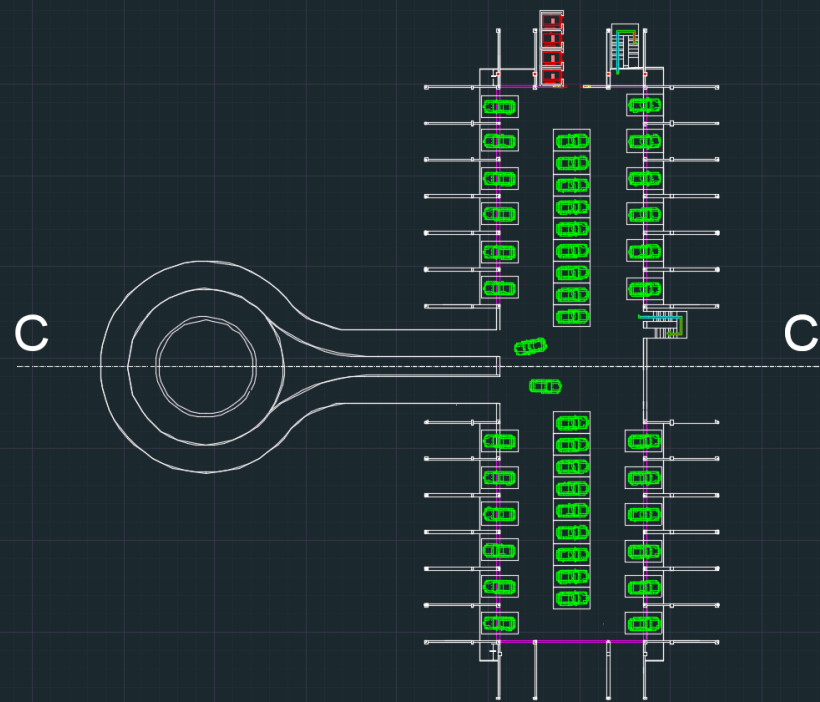


PARKING LOT

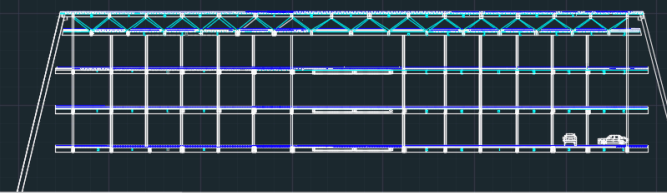
PARKING LOT BUILDING.



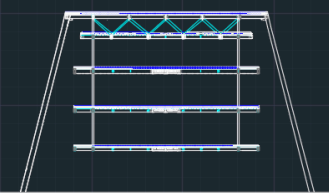
GENERAL SECTIONS PARKING LOT.



SECTION C - C



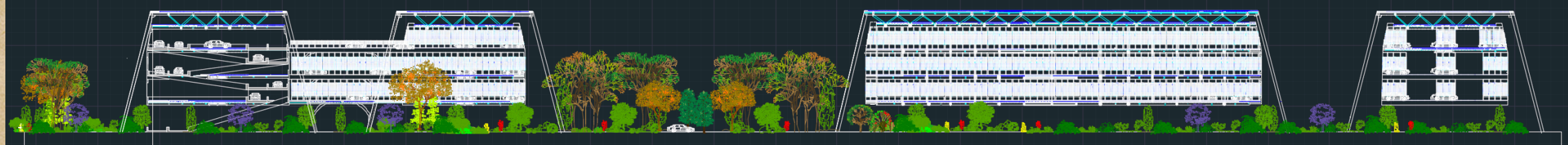
SECTION A - A



SECTION B - B

PARKING FACADE

FACADE PARKING LOT

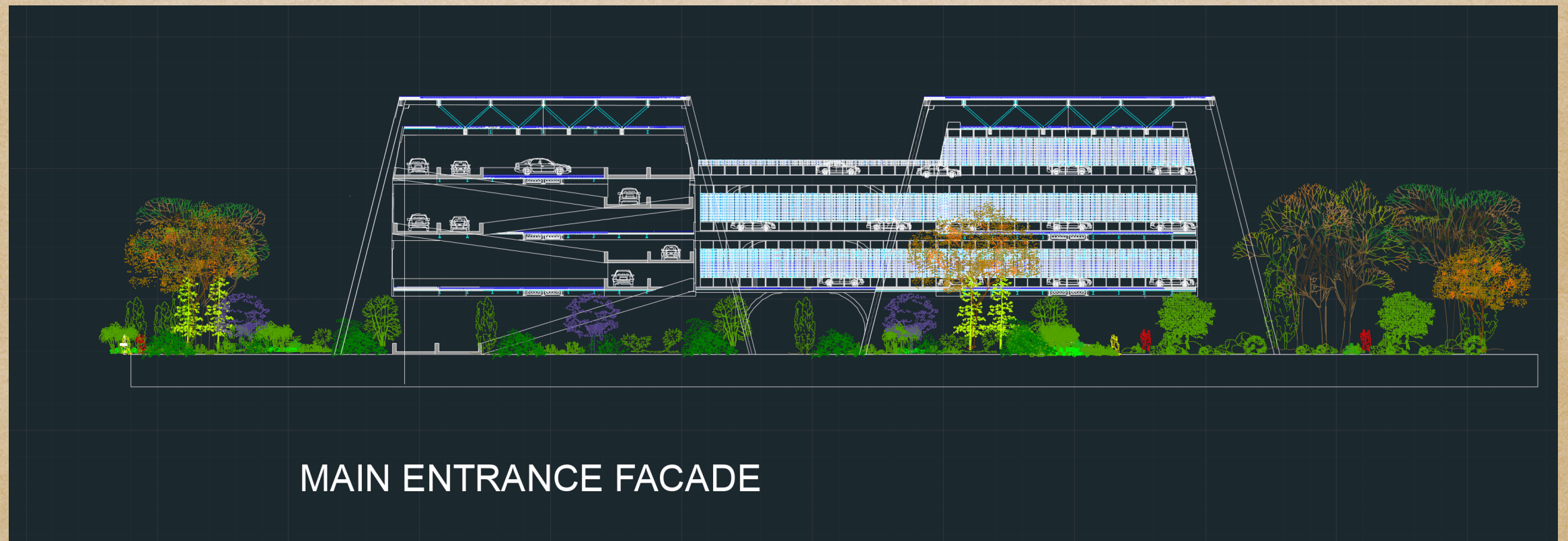


MAIN ENTRANCE FACADE

SIDE FACADE

INCIDE FACADE

MAIN ENTRANCE FACADE

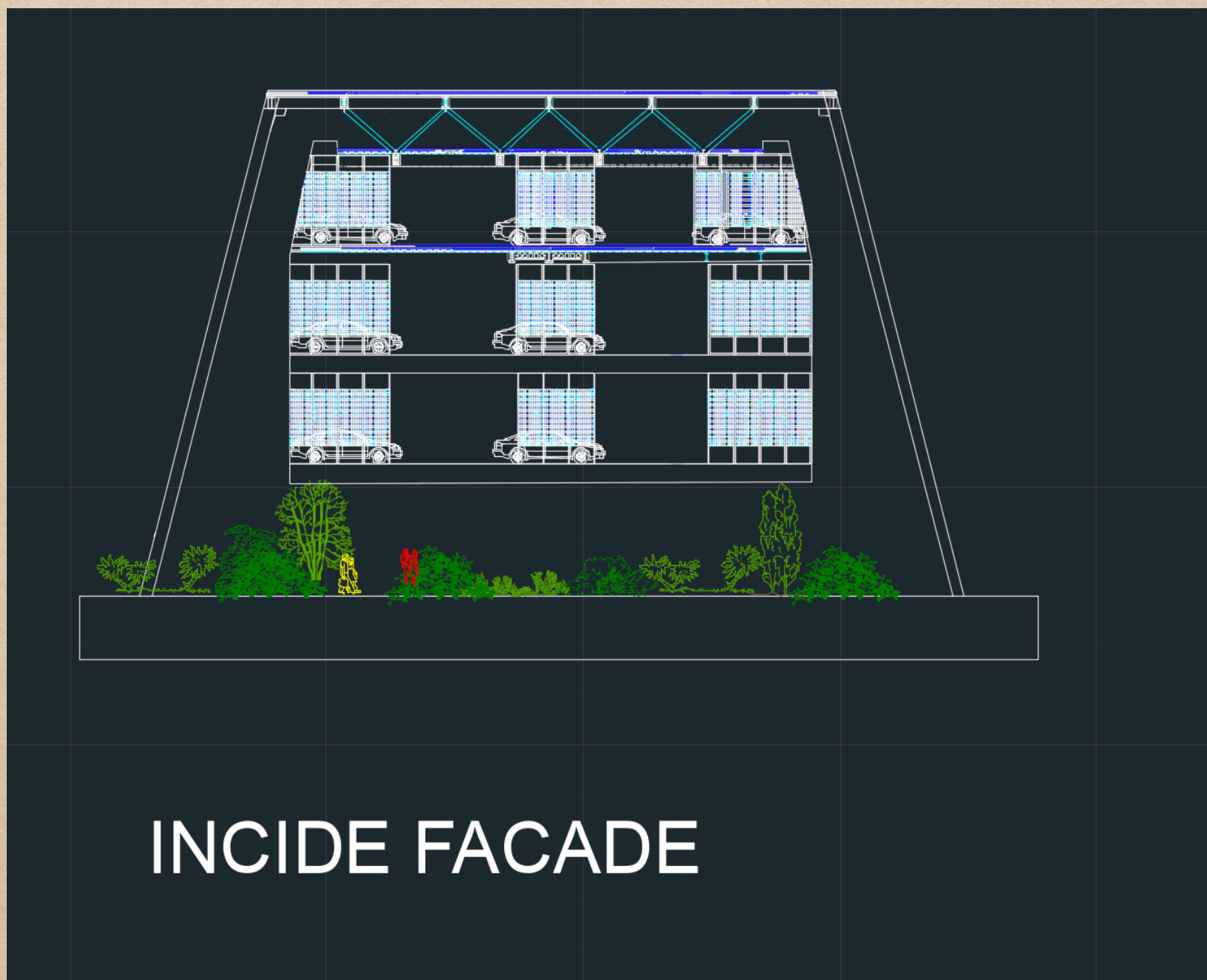


MAIN ENTRANCE FACADE

SIDE FACADE

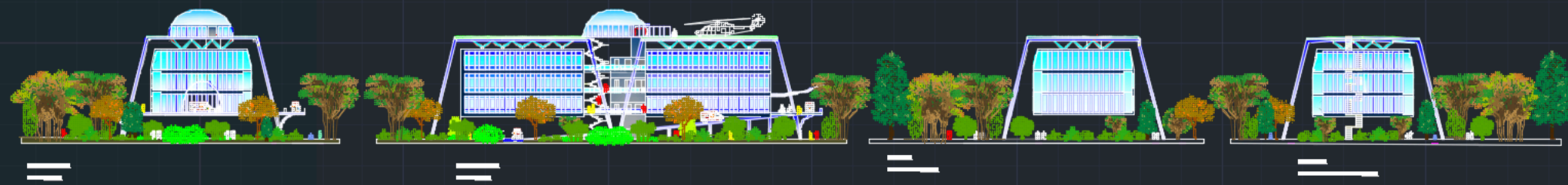


INSIDE FACADE

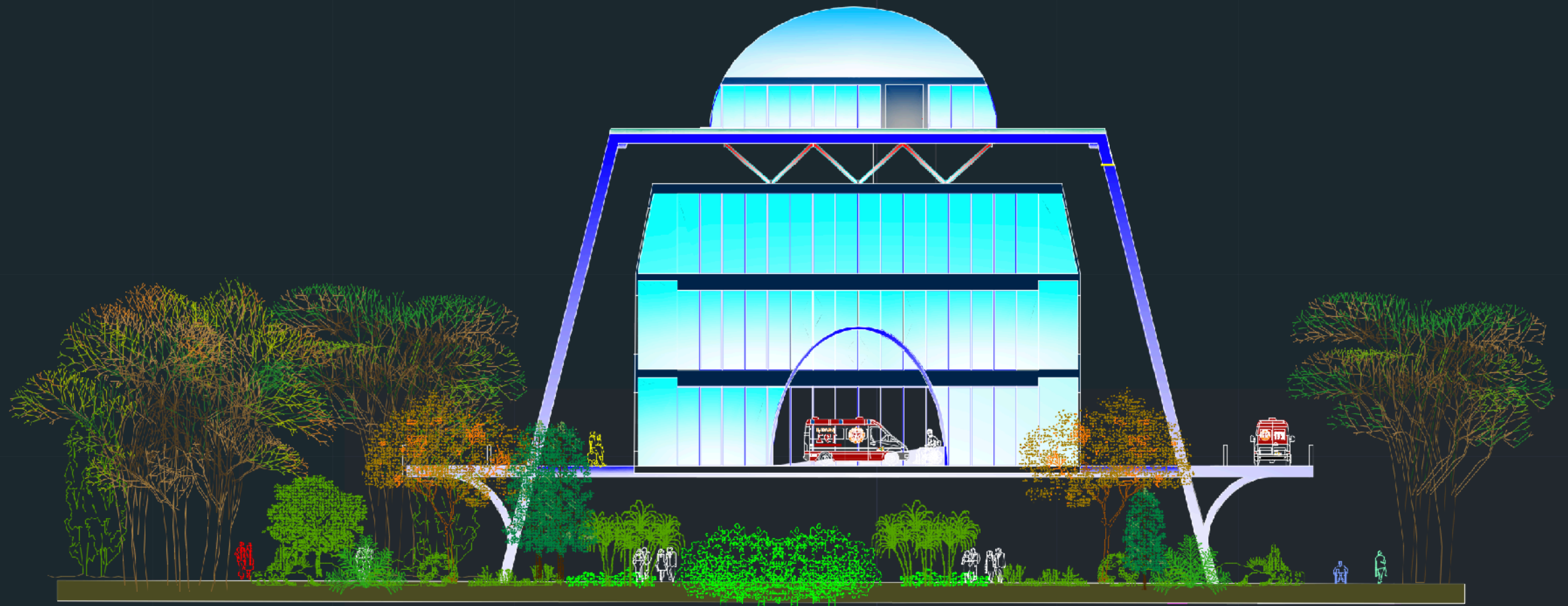


HOSPITAL FACADE

OPEN BUILDING FACADE STUDY..



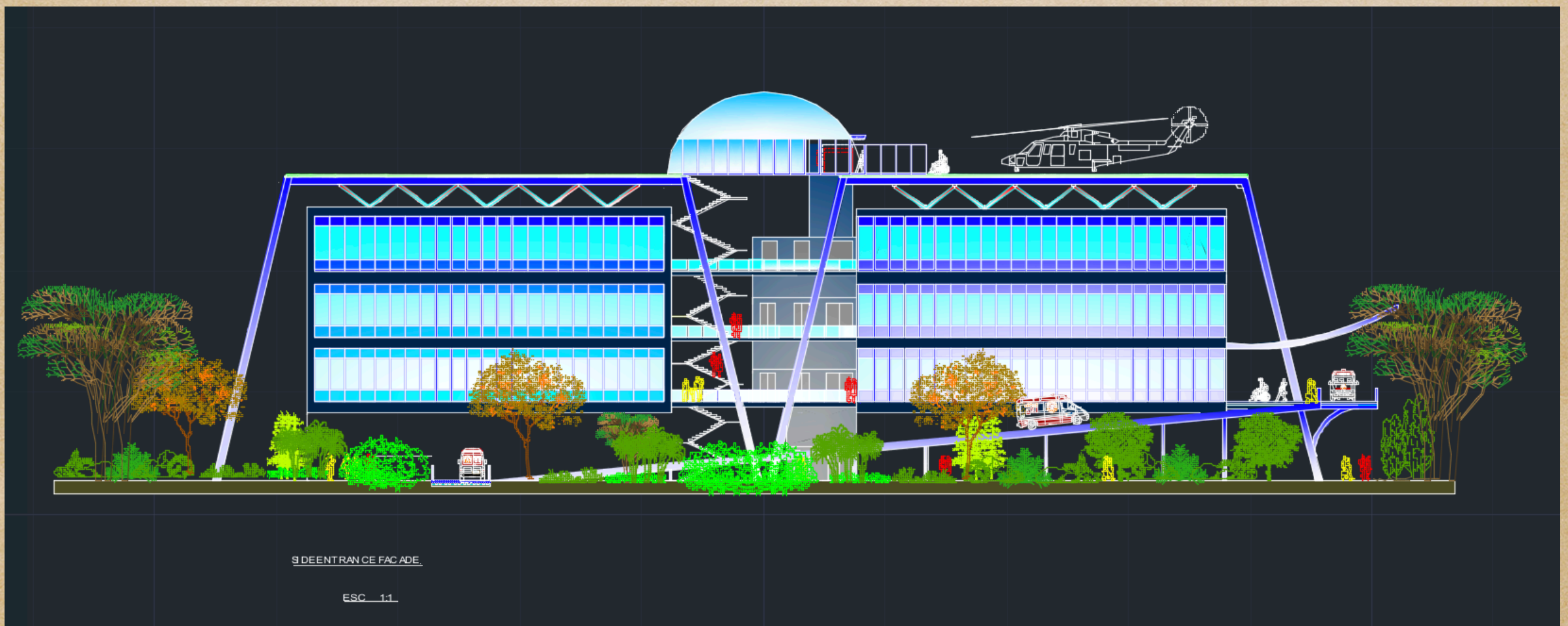
MAIN ENTRANCE FACADE



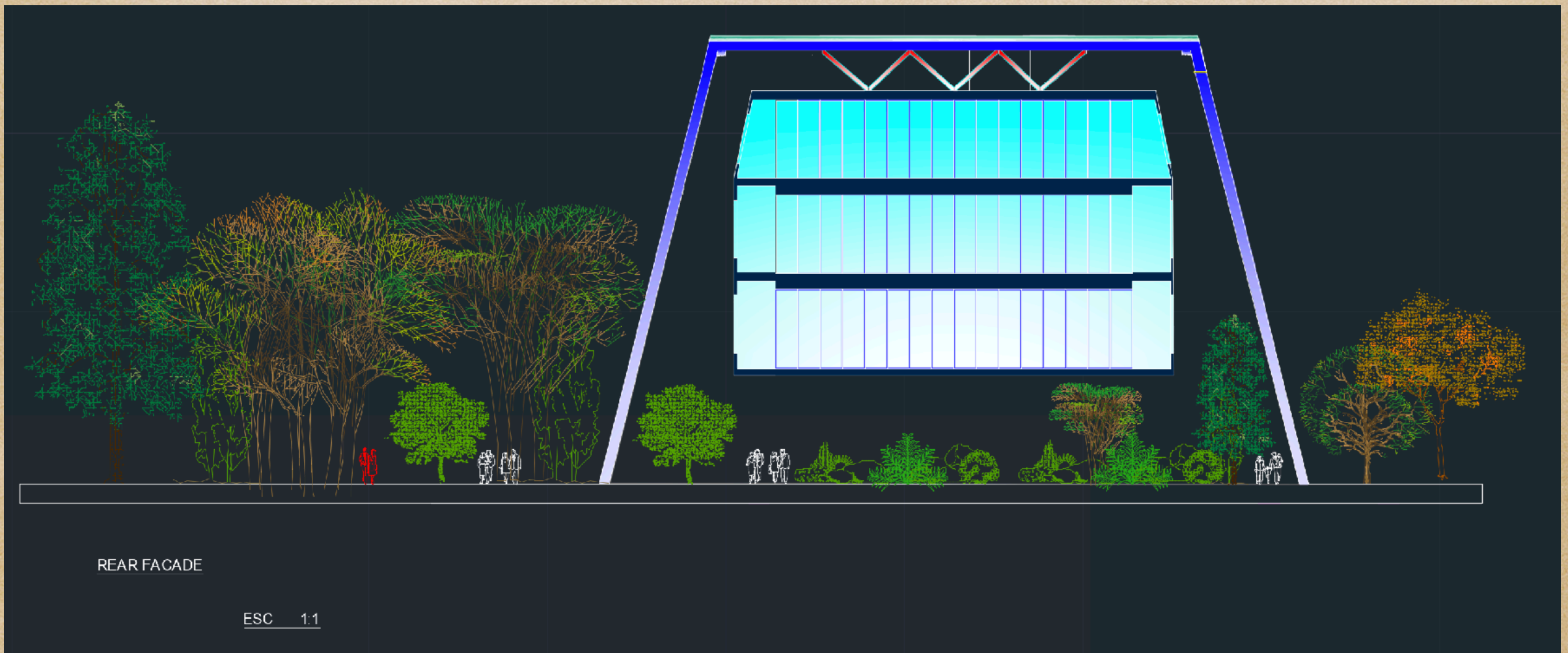
MAIN ENTRANCE FACADE.

ESC 1:1

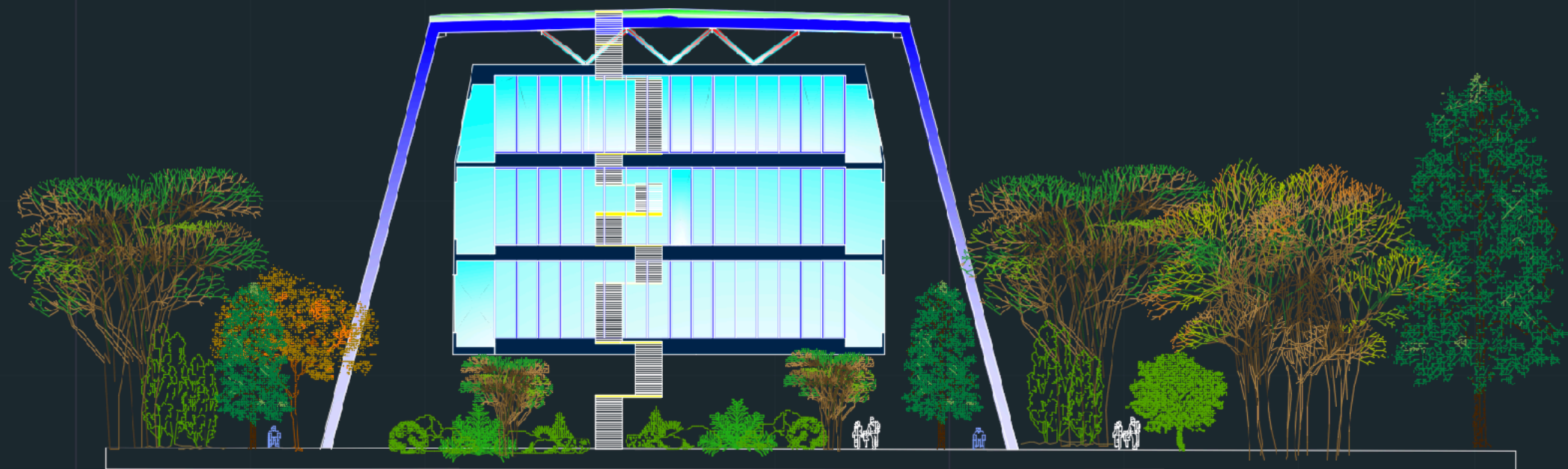
SIDE ENTRANCE FACADE



REAR FACADE



INSIDE FACADE

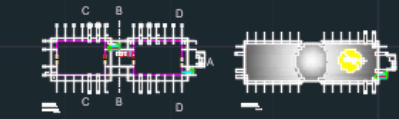


INSIDE FACADA

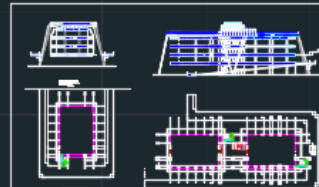
ESC 1:1

GENERAL SECTIONS

GENERAL SECTIONS BUILDING.



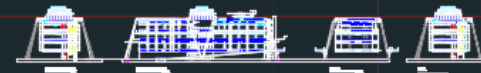
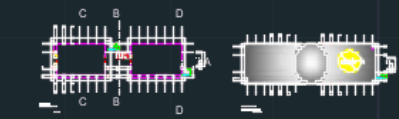
URGENT CARE GENERAL SECTIONS.



RAMPS.



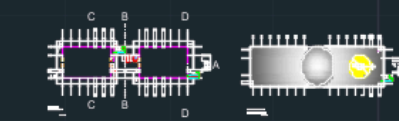
TECHONOLY BUILDING SECTIONS.



PATIENTS GENERAL SECTIONS.



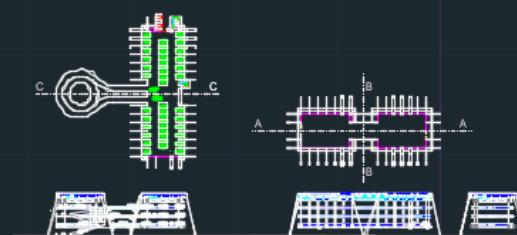
OUT-PATIENTS GENERAL SECTIONS.



MULTIPURPOSE BUILDING GENERAL SECTIONS.

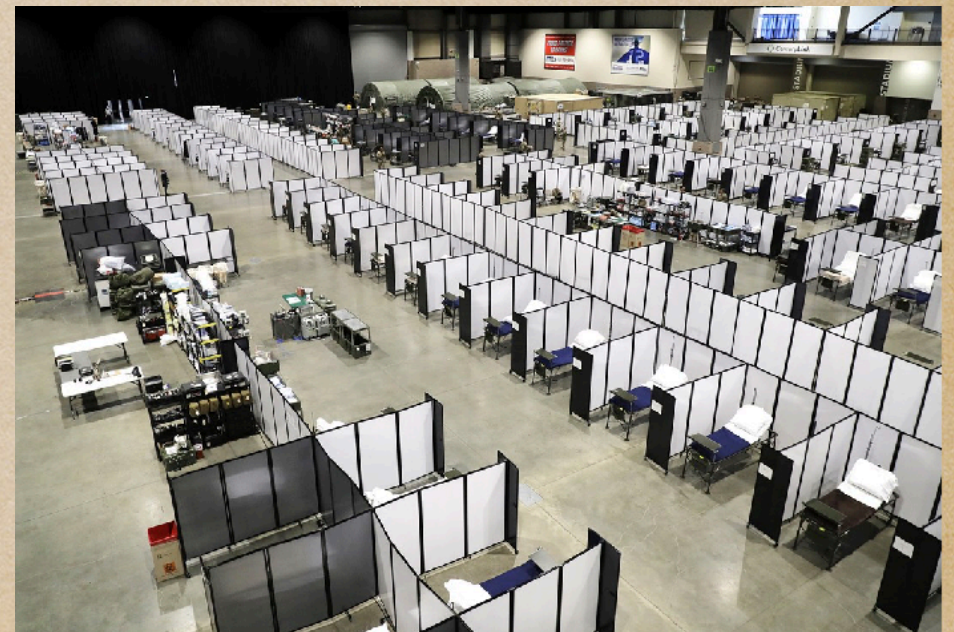
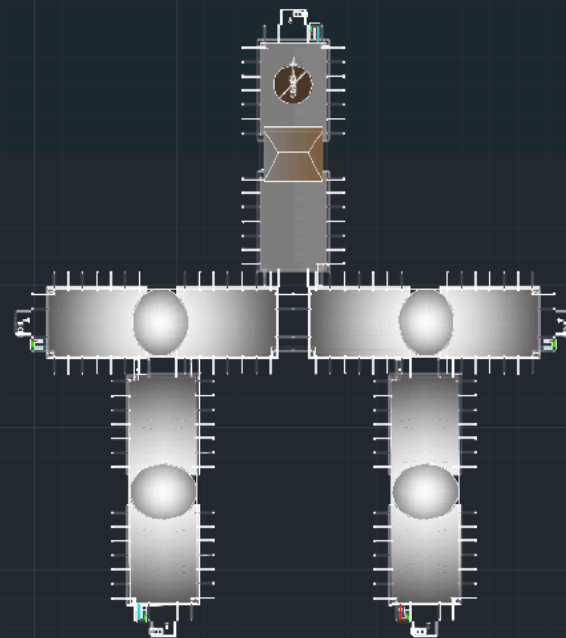


PARKING FACADE



INCREASES THE CAPACITY OF BED (*1,720 BEDS*)

MULTIPURPOSE URGENT CARE HOSPITAL : 1,720 BEDS



Emergency hospital Seattle, CenturyLink Field event Center. (ted. S Warren/AP

DONATION

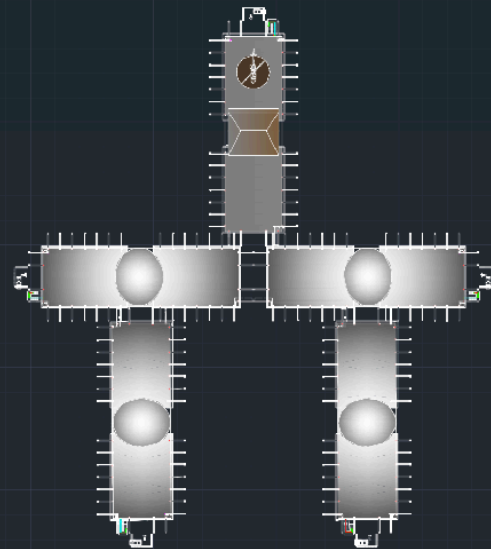
J.A.DESIGN GROUP LLC

DONATION OF THE CONSTRUCCION LICENSE FOR EACH STATE WITH HIGH INCIDENCE OF

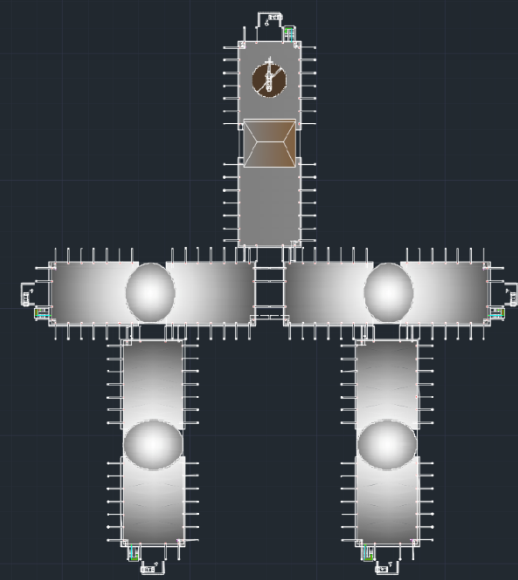
PANDEMIC AND NATURAL CATASTROPHES :

- MULTIPURPOSE URGENT CARE HOSPITAL (1,720 BEDS)
- URGENT CARE HOSPITAL (350 BEDS)

MULTIPURPOSE URGENT CARE HOSPITAL : 1,720 BEDS



URGEN CARE HOSPITAL : 350 BEDS



LET'S DO IT!



UXUE MONTERO PHOTOGRAF BASQUE COUNTRY
(1998)

*J. A. DESIGN GROUP LLC is not a construction company,
we Design Basic Projects and supervise Architecture and
Engineer projects as well as installations and completion.*

OTHER PROJECTS



ART BASEL GALERY.



AVANTY HOME

3D-CAROLINA PAPALE, REINALDO GARCIA(2017)

**ARCHITECT DESIGNER:
JULIAN ARGILAGOS**

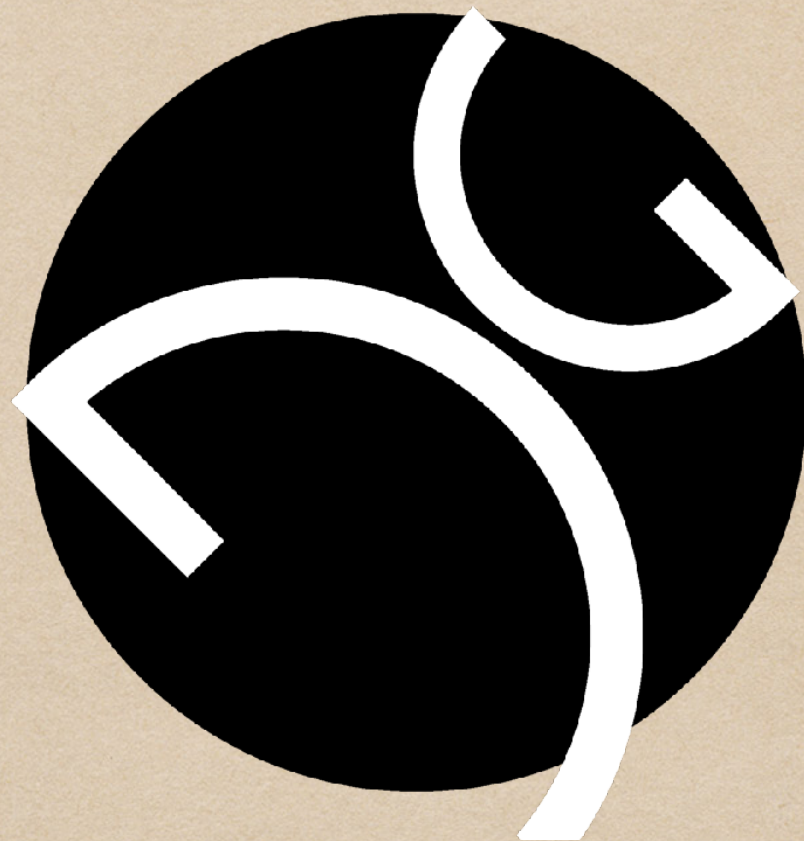
AIA 30454624

Intellectual Property Register # VA-232-152 (USA) WWW.GGDESIGNNGROUP.COM

MARCEL ARGILAGOS

UX / UI DESIGNER

www.marceluxui.com



WWW.GGDESIGNGROUP.COM

PHONE 786 975 5655 gigofactor2014@gmail.com, 1411 SW 11 ST MIAMI FL 33135.