



Portfolio of Urban Architecture



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2D & 3D ARCHITECTURAL WORK'S



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LOCATION



SITE LOCATION : JINSHAN BEACH, SHANGHAI
COORDINATES : 30.6027534, 121.4002991
REASON FOR CHOOSING SITE :-
 A) SHANGHAI IS AT HIGHEST RISK DUE TO RISE OF SEA LEVEL.
 B) THESE DWELLINGS WILL BE IN A RADIUS OF 30 KM FROM SEA SHORE IN ORDER FOR EASY FOR THE INDIVIDUAL FOR EASY LAND ACCESS.

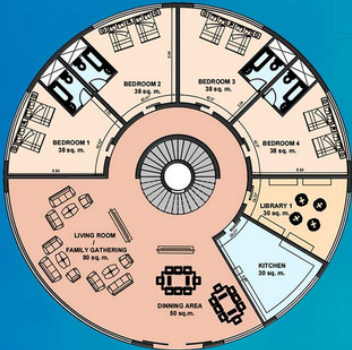
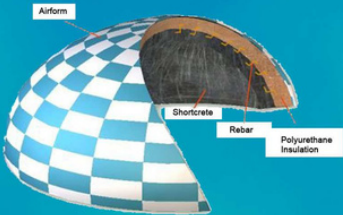
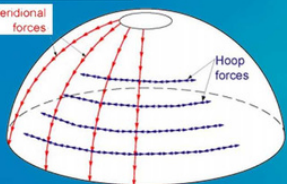


SUSTAINABILITY

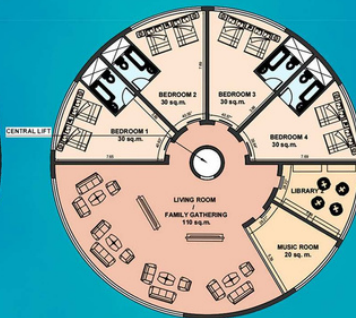
THE DWELLING IS COMPLETELY SUSTAINABLE SUPPORTED ON A HUGE CIRCULAT FLOATING BASE, IT HAS WINDMILLS ON ALL DIRECTIONS WHICH CAN BE ROTATED AS NEEDED CONSIDERING THE WIND DIRECTION, THE BOTTOM OF BASE HAS A RING OF WATER TURBINES WHICH CAN BE ROTATED ACCORDING TO THE WATER FLOW, TOP OF THE DWELLING CONSISTING DOME HAS A PHOTOVOLTAIC LAYER ALL THESE SOURCES GENERATE ELECTRICITY WHICH IS SUFFICIENT ENOUGH TO LIGHT UP THE HOUSE AND MOVEMENT OF THE DWELLING, THERE IS PLANTATION ON THE TOP FLOOR TO PRODUCE FOOD WITH WATER STORAGE FOR DRINKING AND DOMESTIC PURPOSES, THERE IS A SILO FOR SEED STORAGE IN ORDER TO ENSURE REGENERATION, RECULTIVATION OF FOOD, THERE IS A WATER FILTRATION AND TANK BELOW THE CONTROL ROOM UNDERWATER TO PURIFY SEAWATER FOR CONSUMPTION.

CONSTRUCTION DETAILS

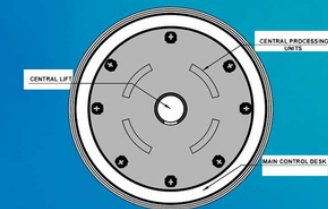
Mendional forces



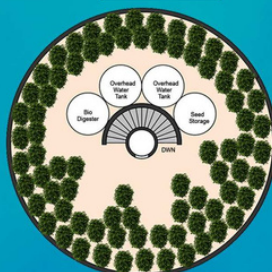
TYPICAL PLAN



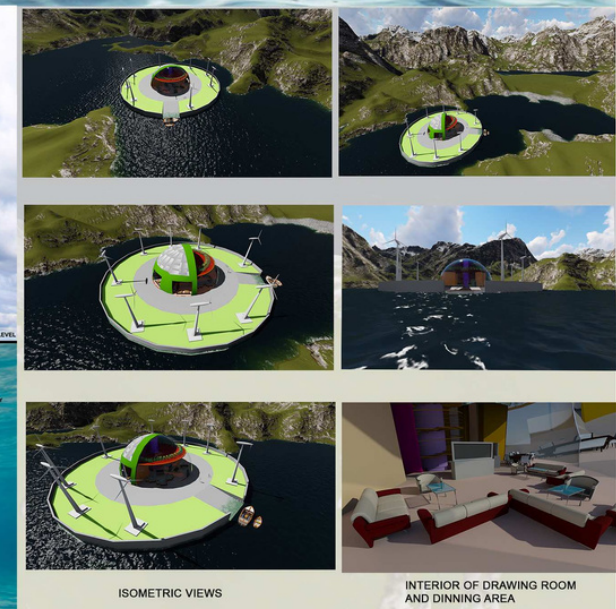
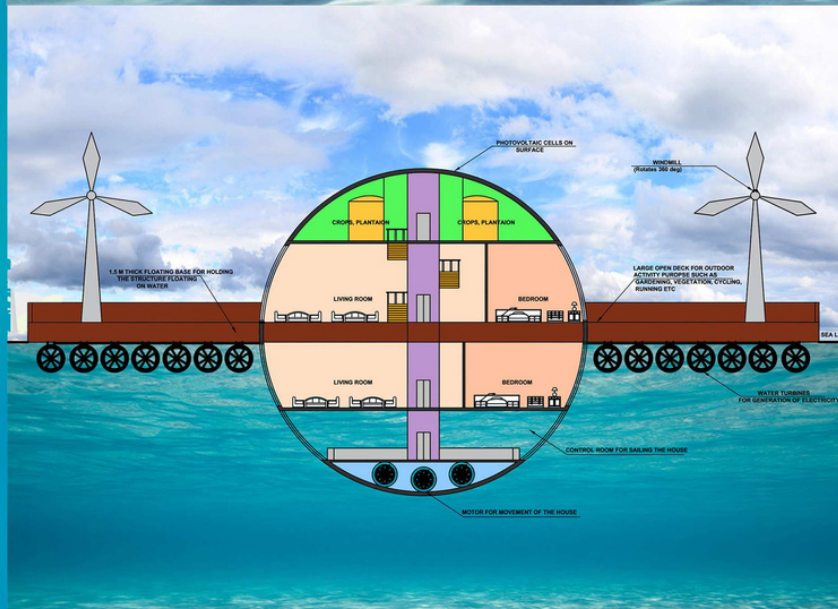
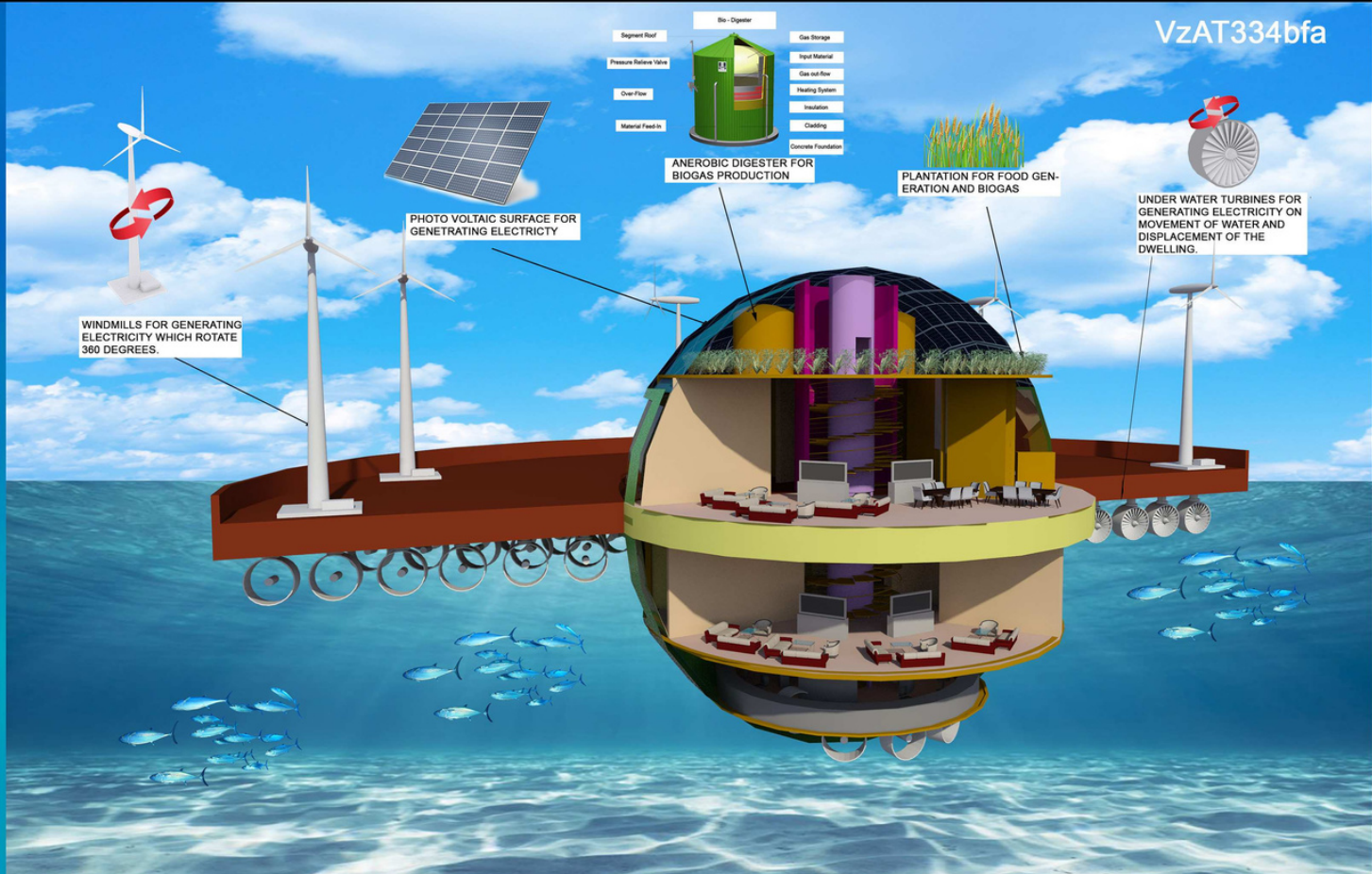
UNDERWATER PLAN



CONTROL ROOM PLAN

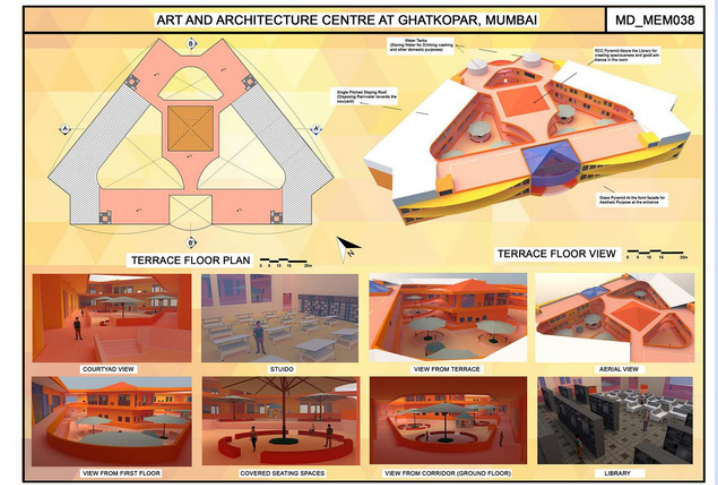
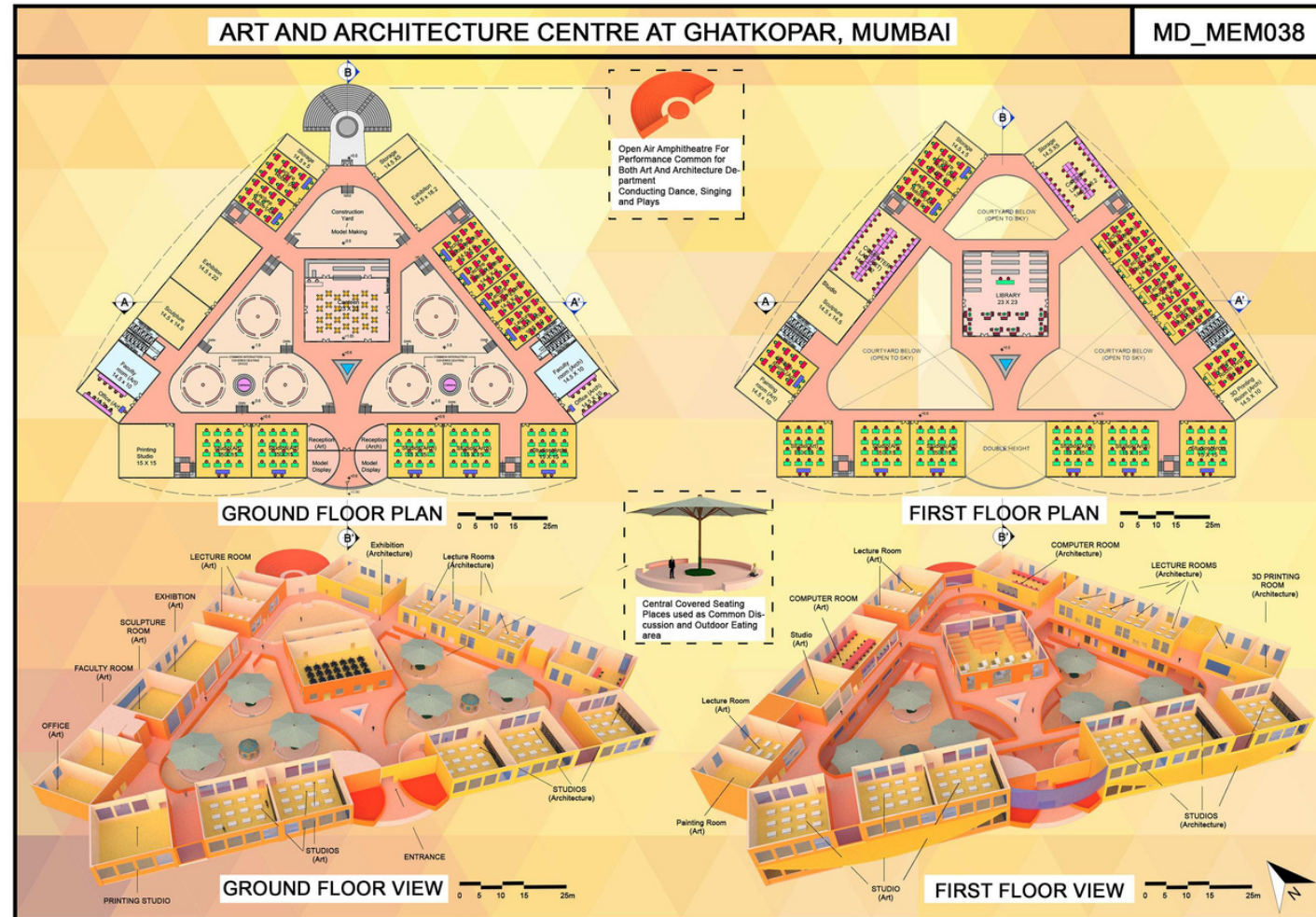
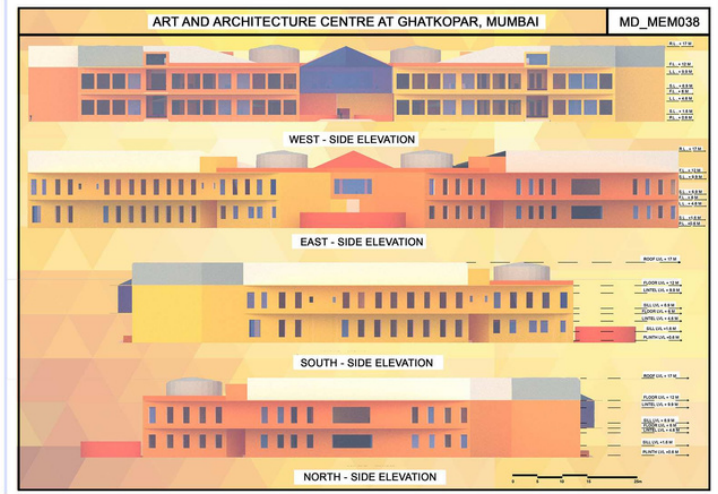
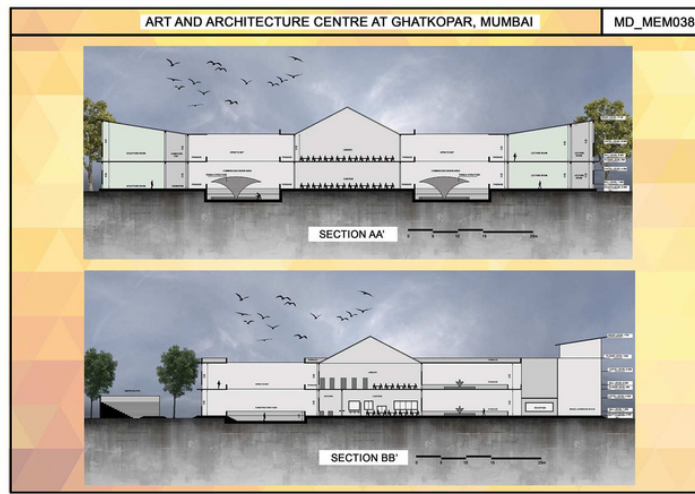
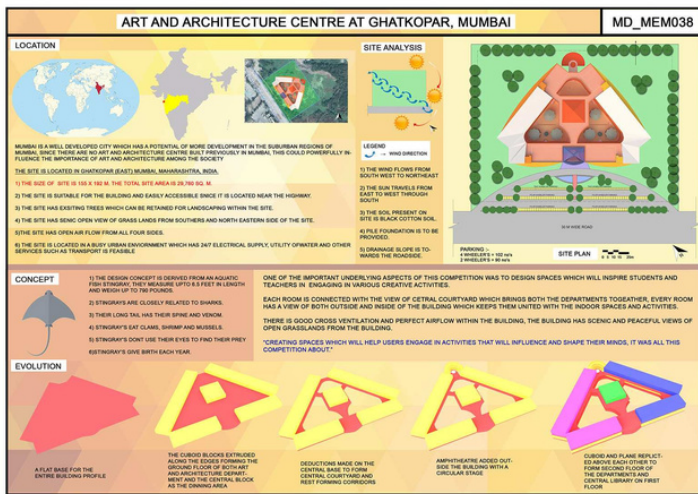


UPPER FLOOR PLAN



ISOMETRIC VIEWS

INTERIOR OF DRAWING ROOM AND DINING AREA



COMPETITION_01 :- MIND RAIN DESIGN COMPETITION (ART AND ARCHITECTUE CENTRE)

LOCATION / 介绍

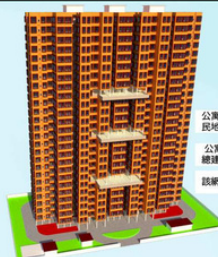


CO - ORDINATES / 坐标: 31.023015, 121.506971

1) THE SITE IS LOCATED IN YUE JIN HE LU MINHANG QU, SHANGHAI SHI, CHINA MINHANG / 本网站位于中国闵行区上海市闵行区金河路闵行区

2) THE SIZE OF THE SITE IS (105 X 58) M. TOTAL AREA OF THE SITE IS 6000 SQ.M / 网站的大小是 (105 X 58) M 网站的总面积为6000平方米

3) THE SITE IS PERFECTLY LOCATED IN A RESIDENTIAL ZONE WITH PROPER ACCESS / 该网站完美地位于住宅区, 并且交通便利



THE APARTMENT CONSISTS OF 25 FLOORS WITH 3 REFUGEE FLOORS.

FLOOR TO FLOOR HEIGHT OF APARTMENT IS 32M, TOTAL BUILDING HEIGHT IS 102 M

THE SITE HAS CAR PARKING FOR 90 CARS

公寓包括25个地板, 3个难民地板。

公寓的地板高度为32米。

该网站有90辆车的停车位

LEGEND / 备注

- 1) THE WIND FLOWS FROM SOUTH EAST TO NORTHWEST / 风主要来自西南西北的风向
- 2) THE SUN TRAVELS FROM EAST TO WEST THROUGH SOUTH / 在夏季到西的太陽旅行
- 3) THE SOIL PRESENT ON SITE IS BLACK COTTON SOIL. / 现场的土壤是黑色的粘土
- 4) PILE FOUNDATION IS TO BE PROVIDED. / 提供桩基础



TYPE 1 / 1型

1 BHK MICRO APARTMENT FOR LIVING OF SINGLE INDIVIDUALS WITH FABRICATED FURNITURES /

1 BHK微型公寓, 適合單身人士的生活, 有預造的傢俱

由於房間的體積很小, 巨大的窗戶可以提供良好的光線, 通風和寬敞的空間

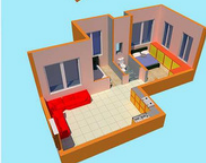


TYPE 2 / 2型

1 BHK MICRO APARTMENT FOR LIVING OF TWO INDIVIDUALS WITH FABRICATED FURNITURES /

1 BHK微型公寓, 適合兩個人的生活, 有預造的傢俱

SINCE THE VOLUME OF ROOM IS LESS, HUGE WINDOWS ARE PROVIDED FOR GOOD LIGHT VENTILATION AND SPACIOUSNESS



TYPE 3 / 3型

2 BHK MICRO APARTMENT FOR LIVING OF THREE INDIVIDUALS WITH FABRICATED FURNITURES /

2 BHK微型公寓, 為三個人的生活, 有預造的傢俱

AREA CALCULATION / 面積計算

TYPICAL FLOOR / 典型的地板

A = 12 X (1 BHK) = 24 X 12 = 288 SQ.M

B = 12 X (2 BHK) = 45 X 12 = 540 SQ.M

A + B = 288 + 540

= 828 SQ.M

C = 10 X (1 BHK) = 24 X 10 = 240 SQ.M

D = 10 X (2 BHK) = 45 X 10 = 450 SQ.M

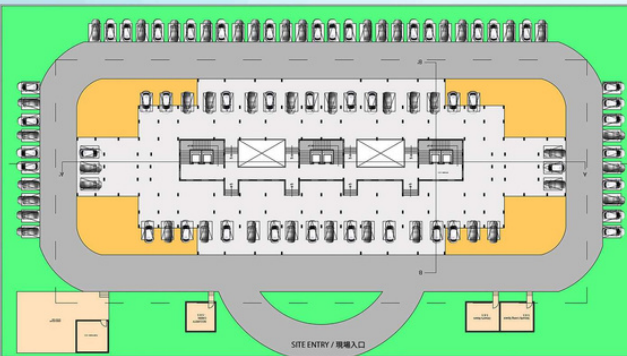
C + D = 240 + 450

= 690 SQ.M

TOTAL BUILT UP AREA = 22 (TYPICAL FLOOR) + 3 (REFUGEE FLOOR) / 總建築面積

= 22 X 828 + 3 X 690

= 20,286 SQ.M



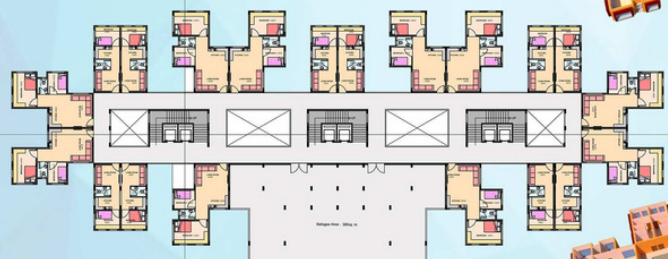
SITE PLAN / 网站计划



TYPICAL FLOOR PLAN / 典型的平面圖

EACH FLOOR CONSISTS OF TWELVE 1BHK AND 2BHK UNITS EACH, THE CENTRAL CIRCULATION CORE IS WELL VENTILATED WITH DUCTS AND HAS THREE FIRE ESCAPE STAIRCASE AT AN INTERVAL OF 22M

每個地方包括12個1BHK和2BHK單位, 每個中央循環核心都有通風, 並且在22M的間隔內有三個火災逃生站點

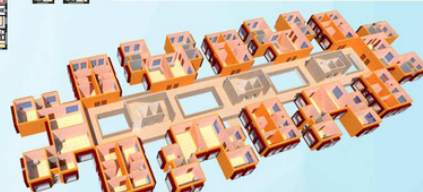


REFUGEE FLOOR PLAN / 難民平面圖

REFUGEE FLOOR IS ON FLOOR NUMBER 6, 12, 18 WITH AN AREA 300 SQ.M EACH IT COVERS 4% OF TOTAL BUILT UP AREA.

THERE IS A 3 METRE BALCONY PROJECTION

REFUGEE地板位於6號, 12號, 18號樓層, 每平方300平方米, 每個建築面積佔總建築面積的4%, 有一個3米的露台設計



TYPICAL FLOOR VIEW / 典型的樓層視圖

EGG GRATE SHADING DEVICES ARE PROVIDED AT EVERY WINDOW FOR BLOCKING EXCESSIVE SUNLIGHT

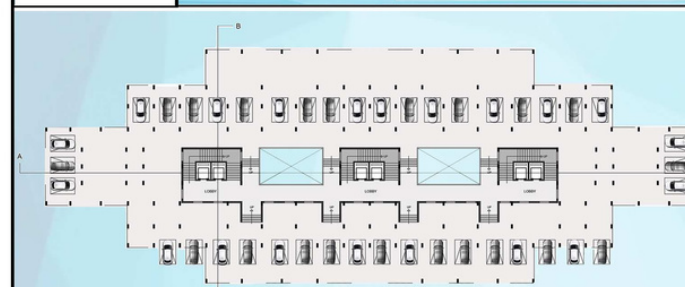
每個窗口都設有蛋箱遮陽裝置, 用於遮擋過多的陽光

TOTAL POPULATION 1,323 PERSONS

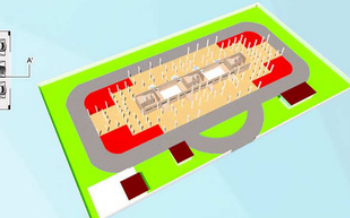
總人口1,323人



REFUGEE FLOOR VIEW / 難民樓層視圖



STILT FLOOR PLAN / 高跳平面圖

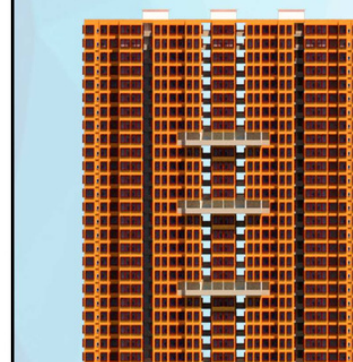


STILT FLOOR VIEW / 高跳樓層視圖



Section AA'

Section BB'



SOUTH SIDE ELEVATION / 南側高度



EAST SIDE ELEVATION / 東側高度

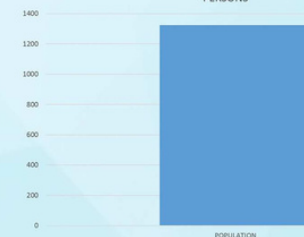


NORTH SIDE ELEVATION / 北側高度

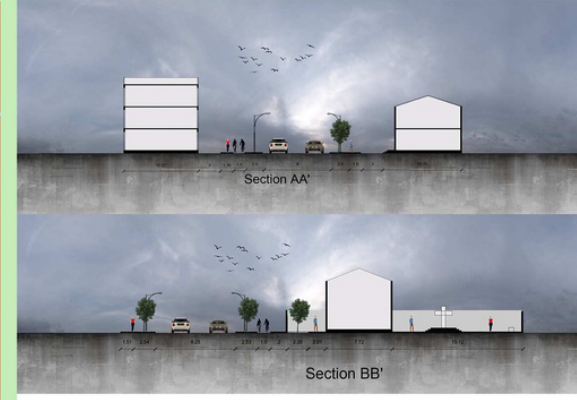
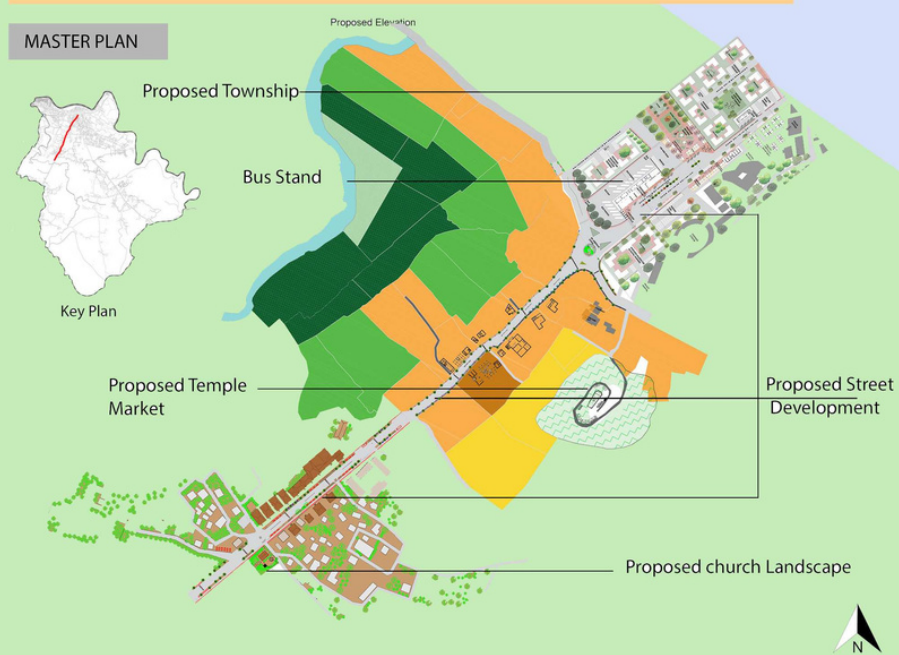
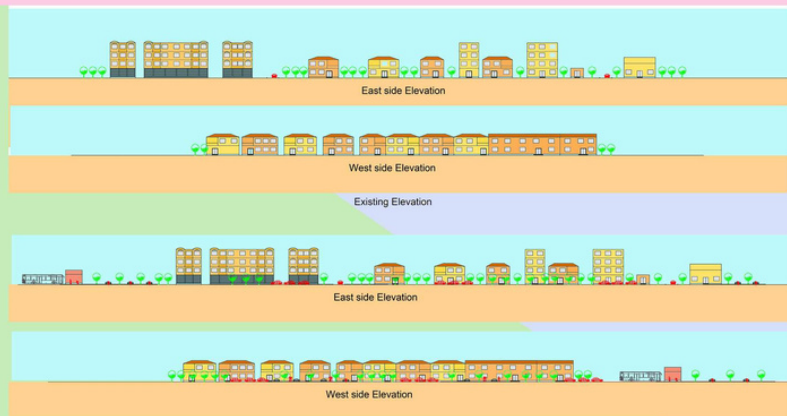
Area Distribution



PERSONS

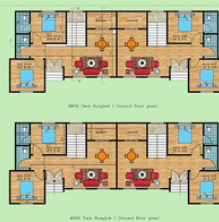
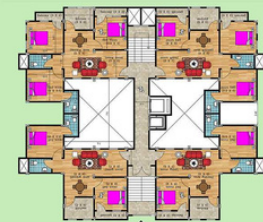
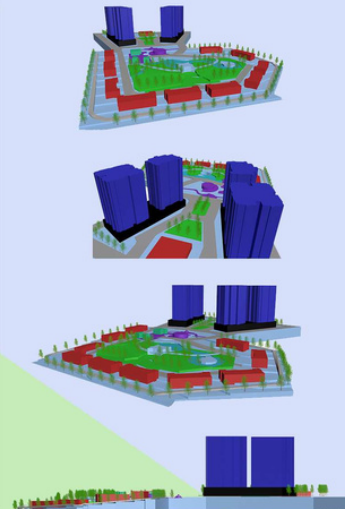
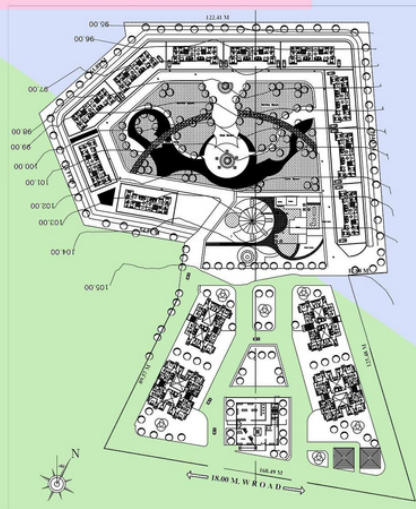


PROJECT 01 :- REVIVAL OF CURCHOREM TOWN IN GOA, INDIA



VIEWS

PROJECT 03 : HOUSING



3 BHK and 4 BHK Twin Bungalows



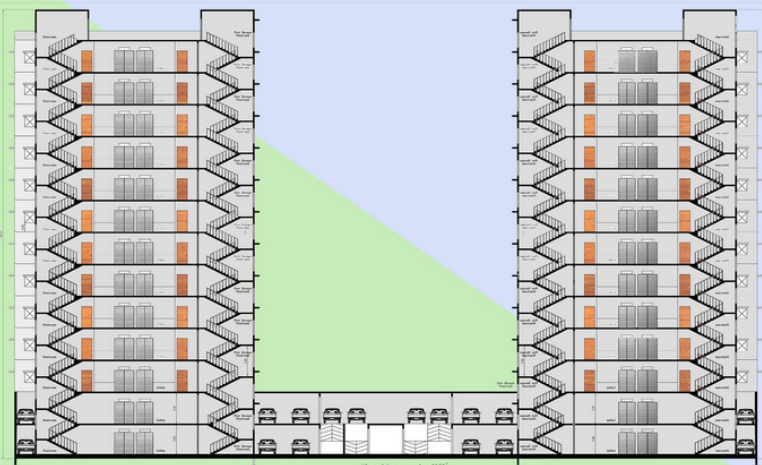
Bungalow Elevation



3 BHK Tower (SECTION EE')



3 BHK Tower (Elevation at C)



Section at CC'
1 bkh and 2 Bkh Tower



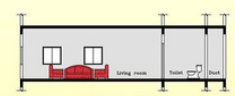
3 BHK Plan



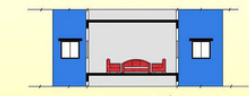
2 BHK Plan



1 BHK Plan



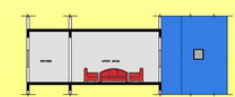
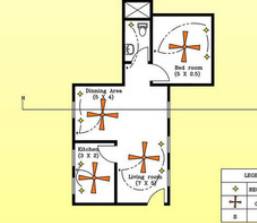
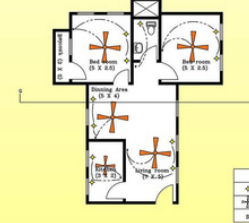
Section FF'



Section GG'



Section HH'



Section FF'



Section JJ'



Section KK'

3D INTERIOR RENDEREINGS



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