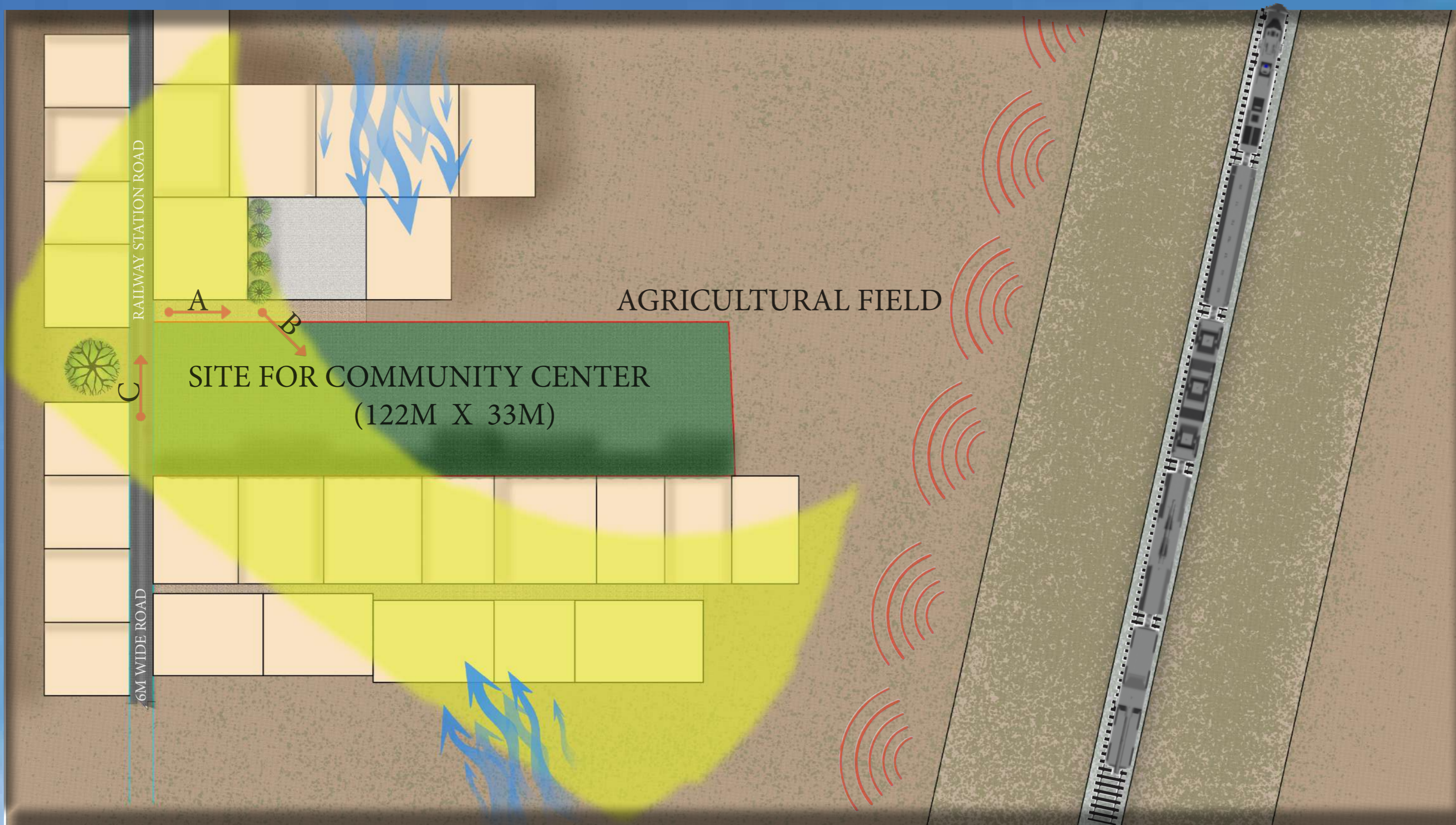


SITE ANALYSIS

RURAL COMMUNITY CENTER

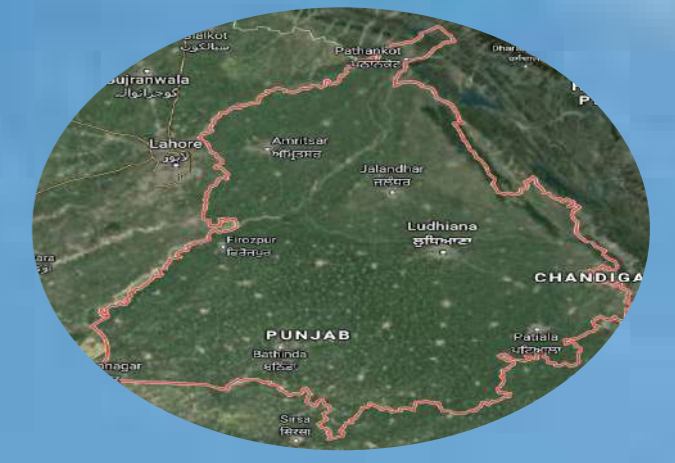
ARCHITECTURAL DESIGNING IV



SITE PLAN (SCALE 1:750)



INDIA



PUNJAB



QILA RAIPUR

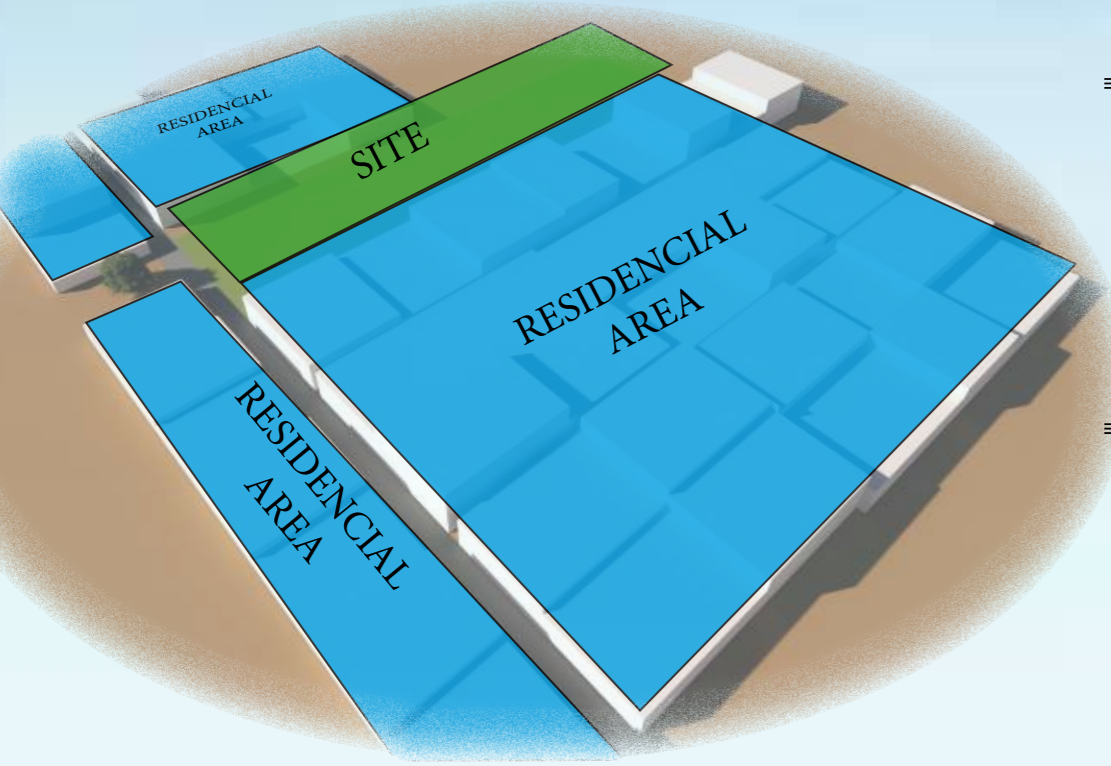


SITE



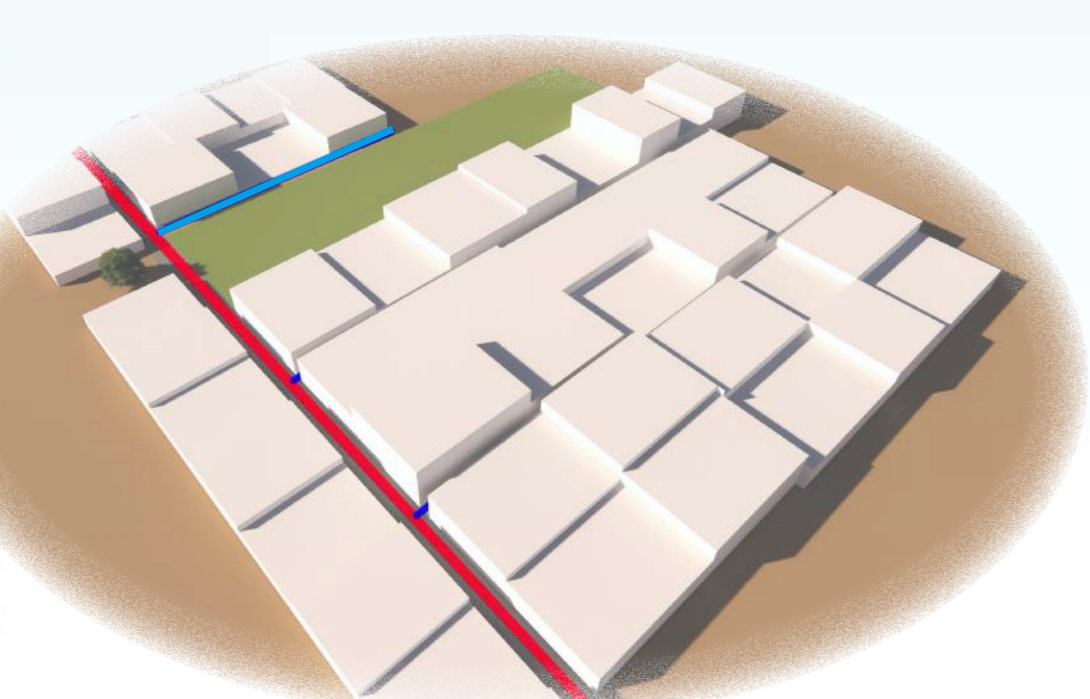
- LOCATION - RAILWAY STATION ROAD , QILA RAIPUR , PUNJAB.
- SITE COORDINATES - 30.765711236, 75.8256407437
- CLIMATE - COMPOSITE CLIMATE
- ARCHITECTURE STYLE - VERNACULAR ARCHITECTURE.
- SITE DIMENSIONS - 122M X 33M
- SITE AREA - 1 ACER
- SITE PERAMETER - 312 M

- Qila raipur is among the largest village of Ludhiana, Punjab.
- It is pinpointed 19 kms away from Ludhiana district.
- The nearest railway station is at a distance of 1.96 km.
- The nearest airport is Ludhiana Airport at a distance of 15.24 km.



LAND DEMOGRAPHY

- SITE IS COVERED BY THE RESIDENTIAL AREA FROM THE THREE SIDE
- AT THE BACK OF THE SITE THERE ARE AGRICULTURE FIELDS



ROAD NETWORK

- THE MAIN RAILWAY STATION ROAD ACT AS A PRIMARY ROAD WHICH GETS DIVIDED INTO A SECONDARY ROAD TO REACH THE BACK SIDE OF THE SITE

S

- SITUATED AT THE MAIN RAILWAY STATION ROAD OF THE VILLAGE
- ENOUGH AREA FOR COMMUNITY CENTER REQUIREMENT

W

- LOCATED IN THE VICINITY OF RAILWAY TRACK
- REDUCING POPULATION OF VILLAGE DUE TO MIGRATION IN ABROAD

O

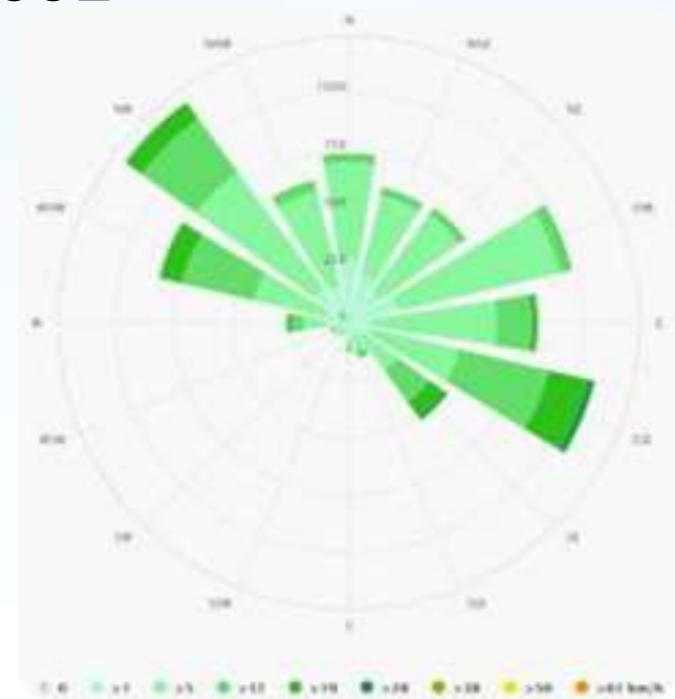
- HIGH TOURISM POTENTIAL
- CREATE INCOME SOURCE FOR LOCAL VILLAGERS.

T

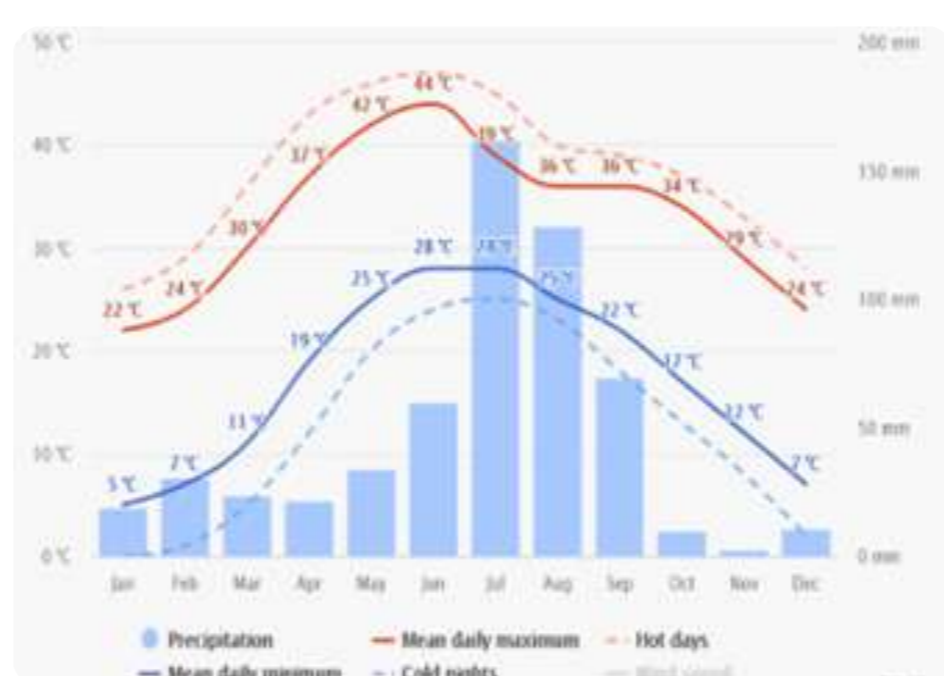
- LOSS OF VERNACULAR ARCHITECTURAL CHARACTERISTICS IN THE VILLAGE
- ACOUSTIC ISSUE

CLIMATE DATA

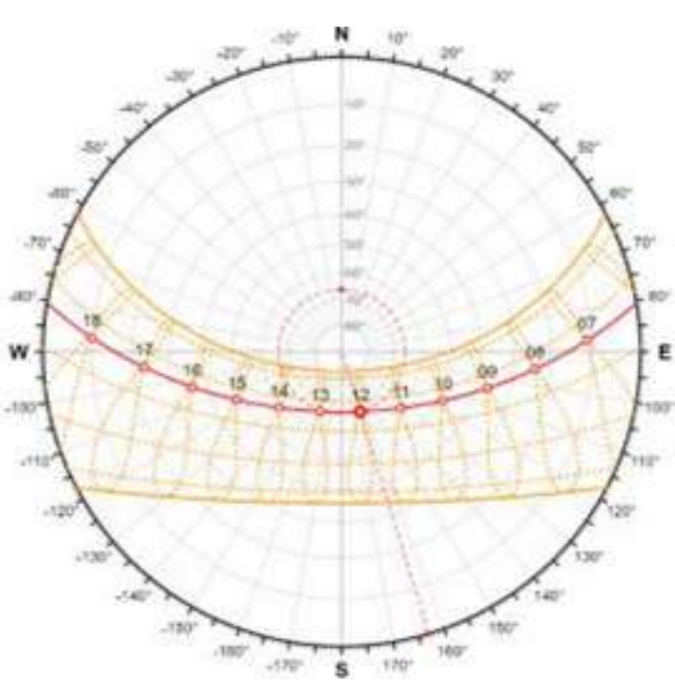
- AVERAGE - 21 °C
- MAXIMUM - 44 °C
- MINIMUM - 05 °C
- AVERAGE - 649MM
- MAXIMUM - 896MM
- MINIMUM - 183MM



WIND ROSE DIAGRAM



AVERAGE TEMPERATURE AND PRECIPITATION



SUN PATH DIAGRAM



VIEW FROM "A"



VIEW FROM "B"



VIEW FROM "C"

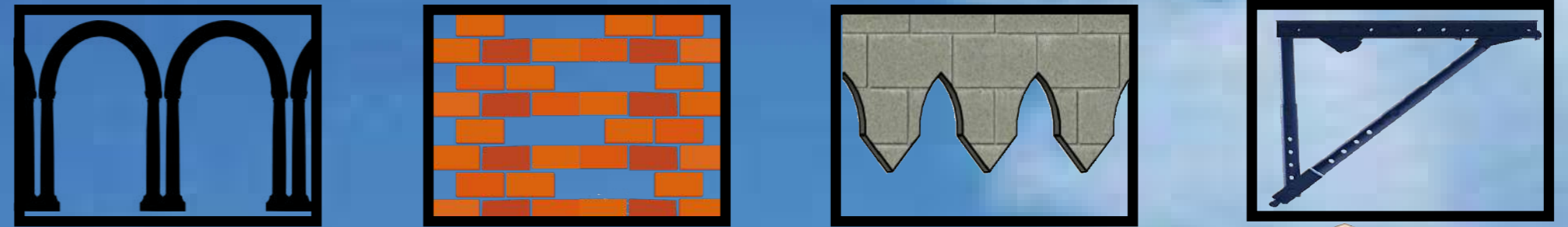
CONCEPT

RURAL COMMUNITY CENTER

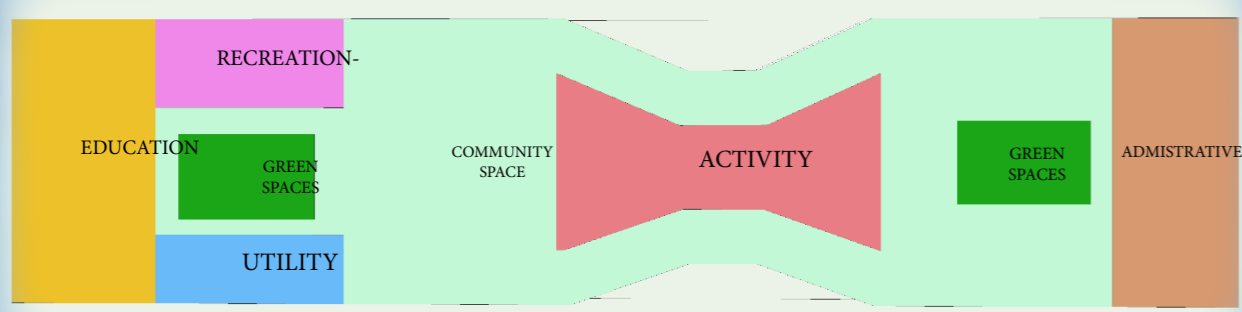
ARCHITECTURAL DESIGNING IV

INTRODUCTION

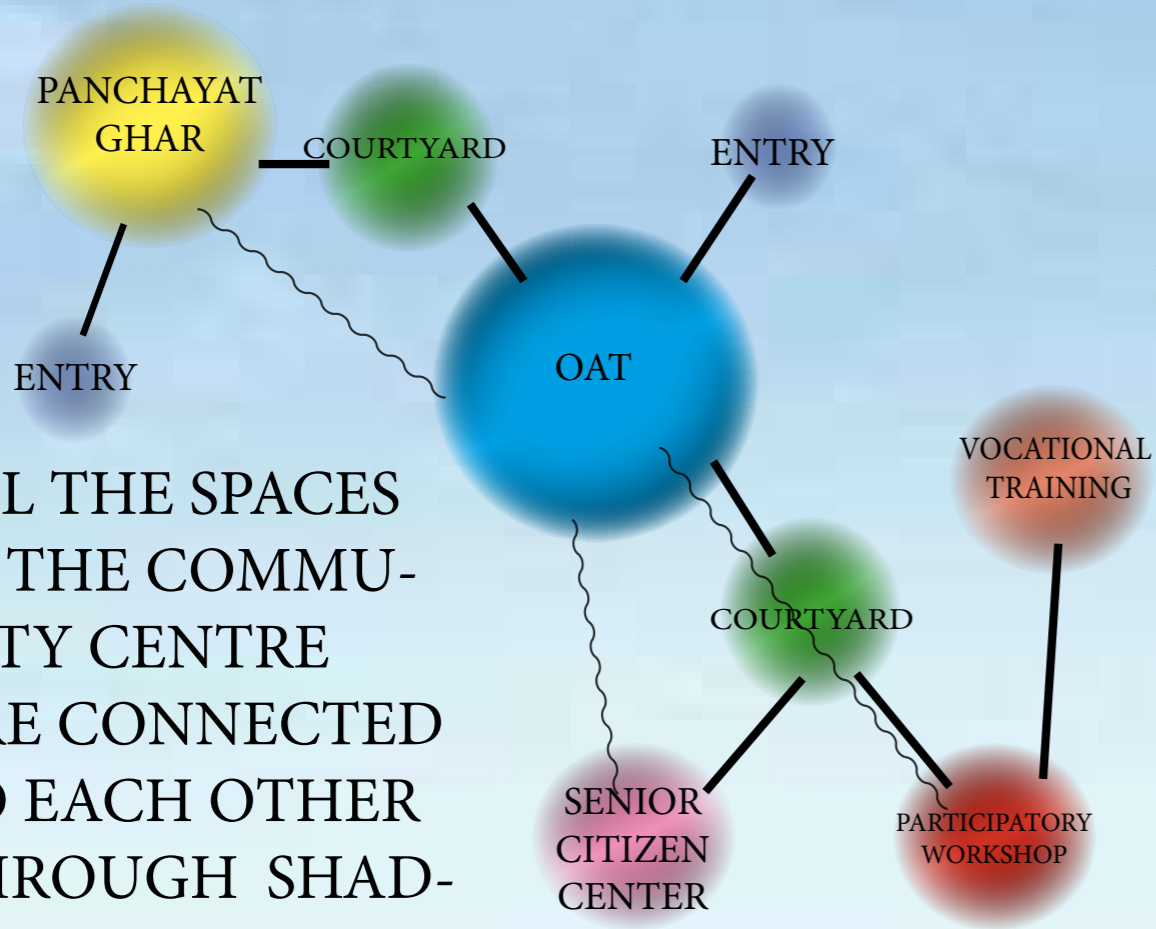
- KILA RAIPUR IS ONE OF THE RENOWNED VILLAGES OF DISTRICT LUDHIANA, PUNJAB. IT IS INTRINSICALLY KNOWN FOR ITS VERY FAMOUS SPORTS FESTIVAL OR RURAL OLYMPICS.
- THE RULAR COMMUNITY CENTER WILL ACT AS THE-ATRE OF DIFFERENT ACTIVITIES AND HENCE CONSTITUTES A CHANGING ENVIRONMENT WHICH IS ABLE TO ADAPT TO THE NEED OF ITS USERS
- IT WILL STRENGTHEN AND EXPAND ITS ROLE AS A COMMUNICATION PLACE FOR THE LOCALS OFFERING SAFE, NON-COMMERCIAL SPACE FOR SELF EDUCATION, CREATIVITY, LEISURE AND WORK.
- IT WILL ALSO OPEN TO VISITORS TO COME HERE IN SEARCH OF KNOWLEDGE, ENTERTAINMENT OR SIMPLY LED BY A SENSE OF COMMUNITY SPIRIT TO DISCUSS, LEARN OR EVEN TO HAVE SOME QUALITY QUIET TIME.



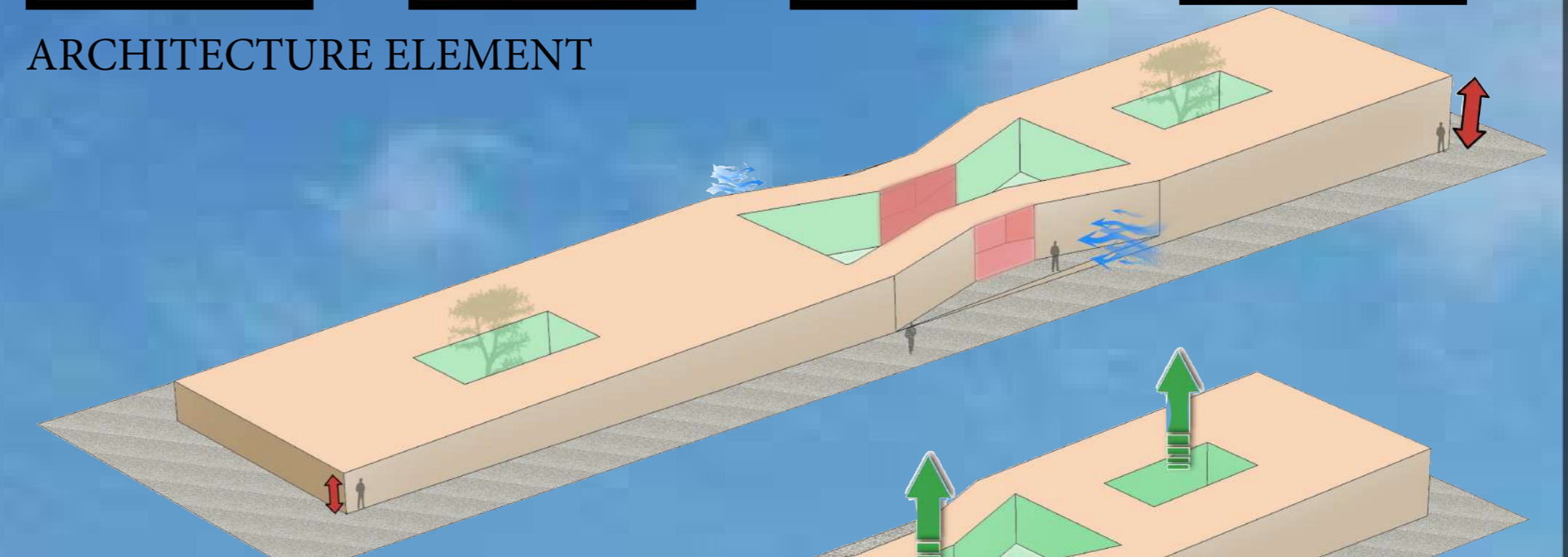
ARCHITECTURE ELEMENT



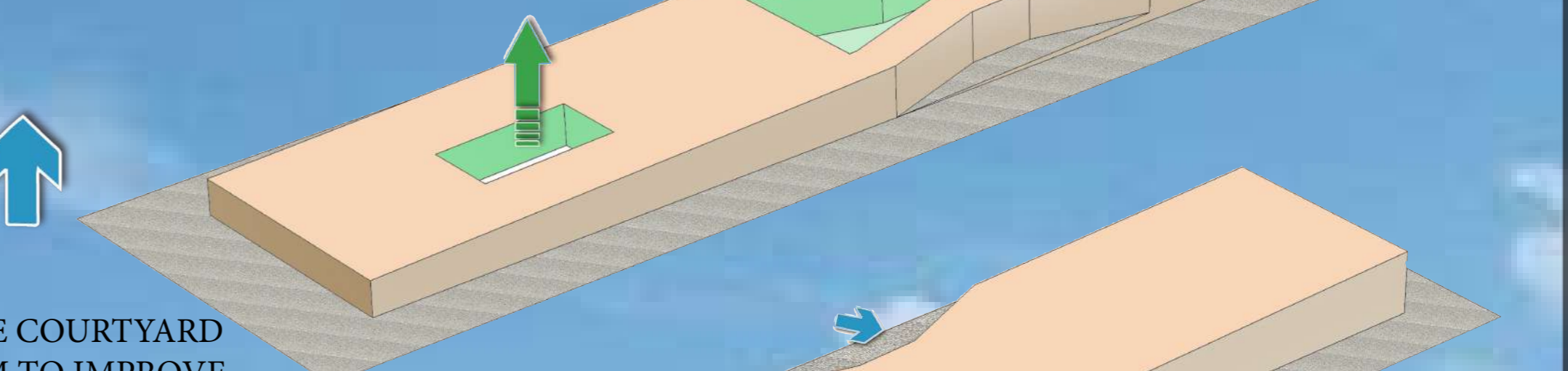
- ADMINISTRATION SPACES IS ZONED AT THE FRONT SO THAT IT WILL NOT DISTURB OTHER SPACES
- EDUCATION AND RECREATIONAL SPACES ARE ZONED BACKWARD WITH A DIFF. ENTRY TO FUNTION PROPERLY



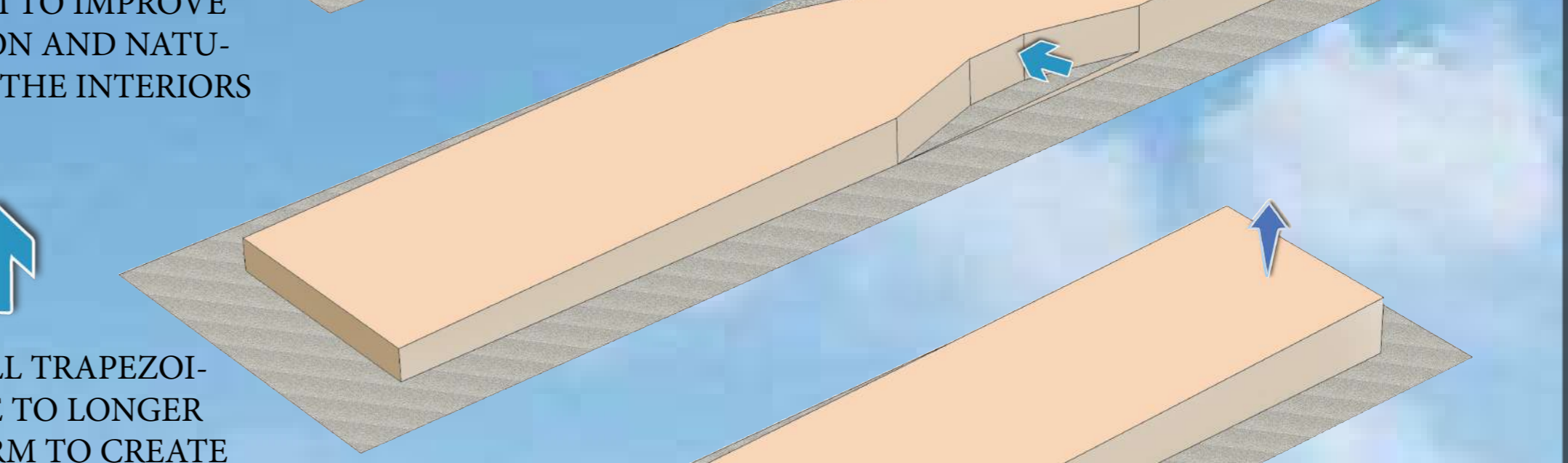
- ALL THE SPACES IN THE COMMUNITY CENTRE ARE CONNECTED TO EACH OTHER THROUGH SHAD-ED PATHWAY
- HAVE SAPERATE ENTRY FOR THE ADMIN-ISTRATION AREA AND SAPERATE TO THE OTHER RECREATIONAL, EDUCATIONAL AND UTILITY SPACES.



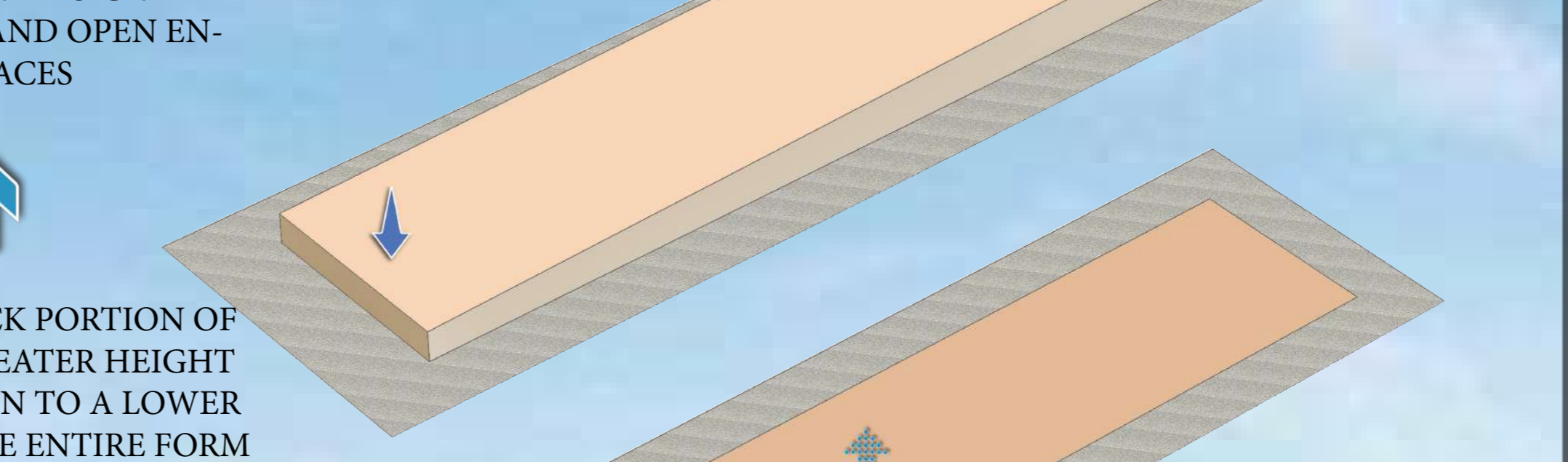
FINAL FORM



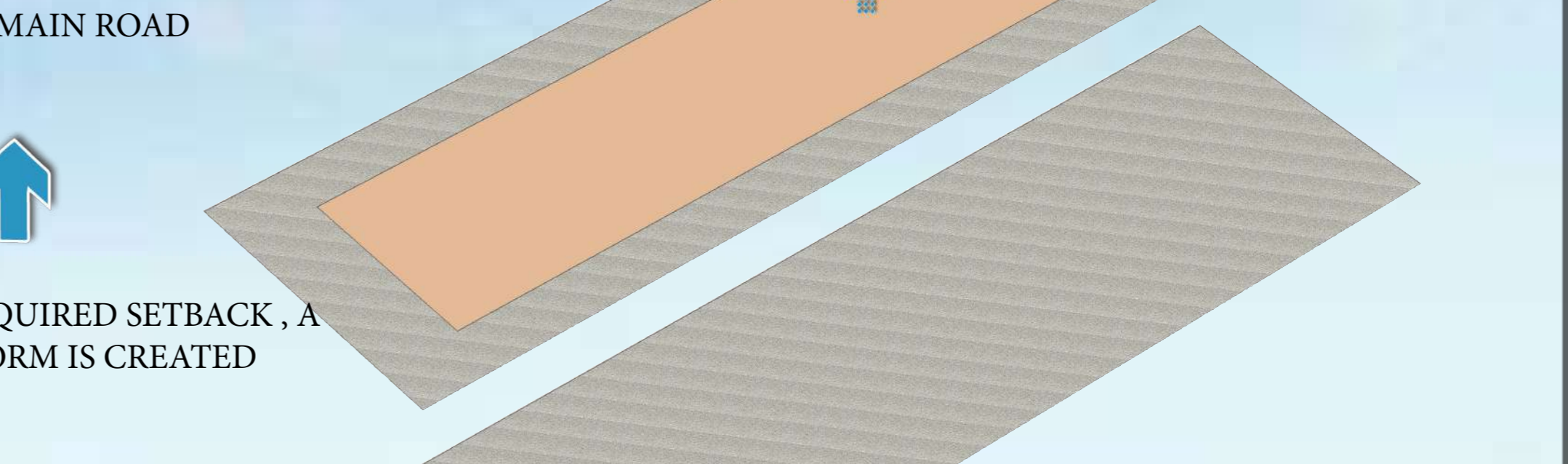
CUTTING THREE COURTYARD FROM THE FORM TO IMPROVE THE VANTILATION AND NATURAL LIGHTING IN THE INTERIORS



CUTTING SMALL TRAPEZOIDAL FROM THE TO LONGER SIDE OF THE FORM TO CREATE AN ENTRANCE AND OPEN ENTRY SPACES



UPLIFTING THE BACK PORTION OF THE FORM TO A GREATER HEIGHT AND FRONT PORTION TO A LOWER HEIGHT SO THAT THE ENTIRE FORM IS VISIBLE FROM MAIN ROAD



LEAVING THE REQUIRED SETBACK, A CUBOIDAL FORM IS CREATED

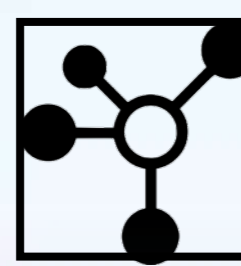


SITE HAVE A RECTANGULAR (122M X 33M) SHAPE

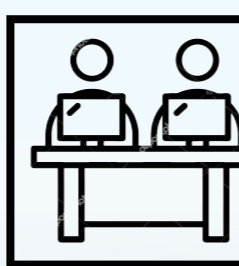
EVOLUTION OF FORM



ACCESSIBILITY
ALL SPACES ARE WHEELCHAIR AS-
SESSIBLE.



CONNECTIVITY
ALL SPACES ARE
CONNECTED TO
EACH OTHER.



CO-WORKING
DIFFERENT TYPE OF
SPACES COWORKING
UNDER ONE ROOF.



EDUCATION
FOCUSED ON BOTH
THEORETICAL AND
PRACTICAL LEARNING



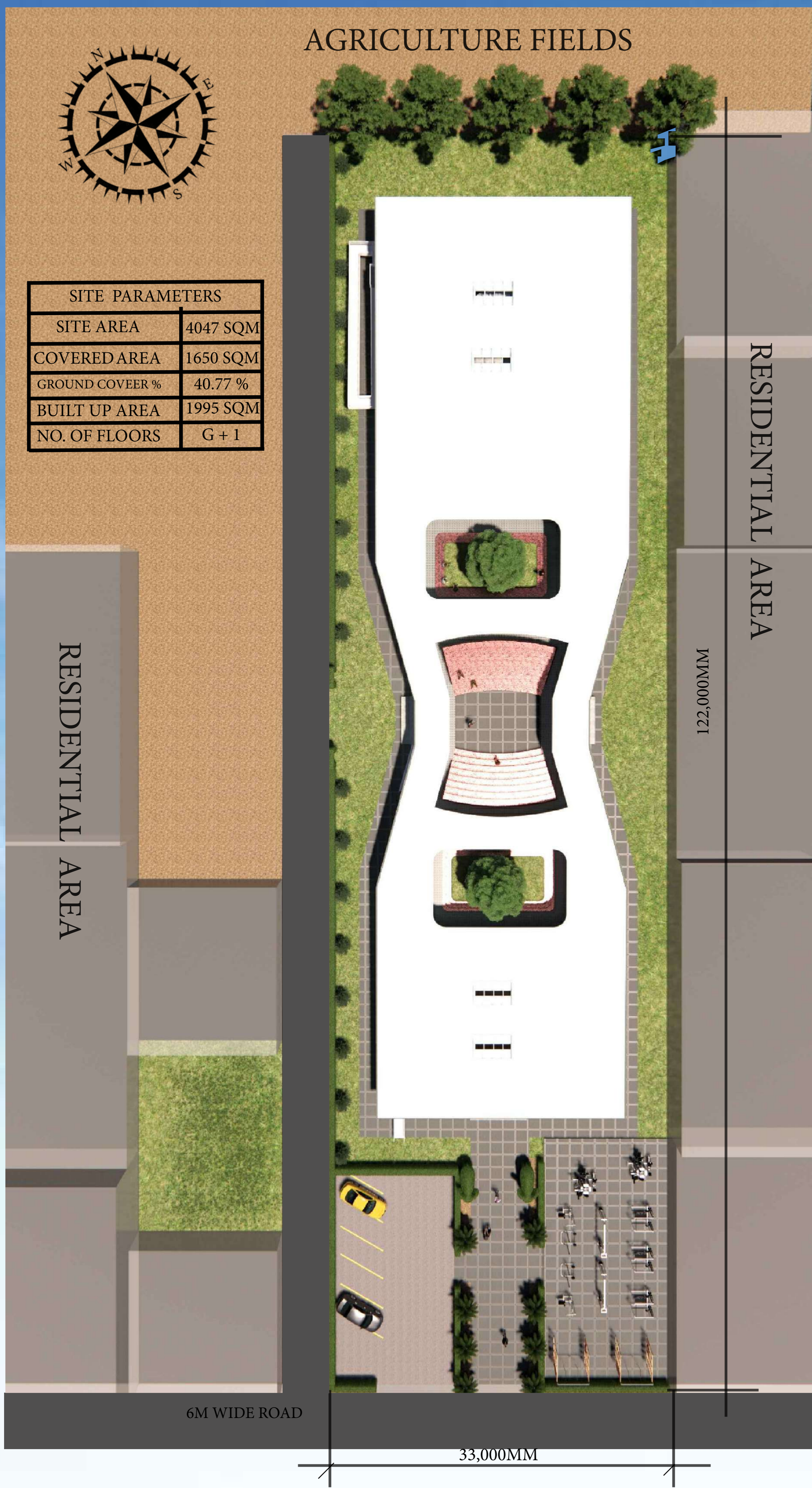
SENIORS CARES
TAKING CARE OF
SENIORS AMONG THE
VILLAGE



SITE PLAN AND SECTION

RURAL COMMUNITY CENTER

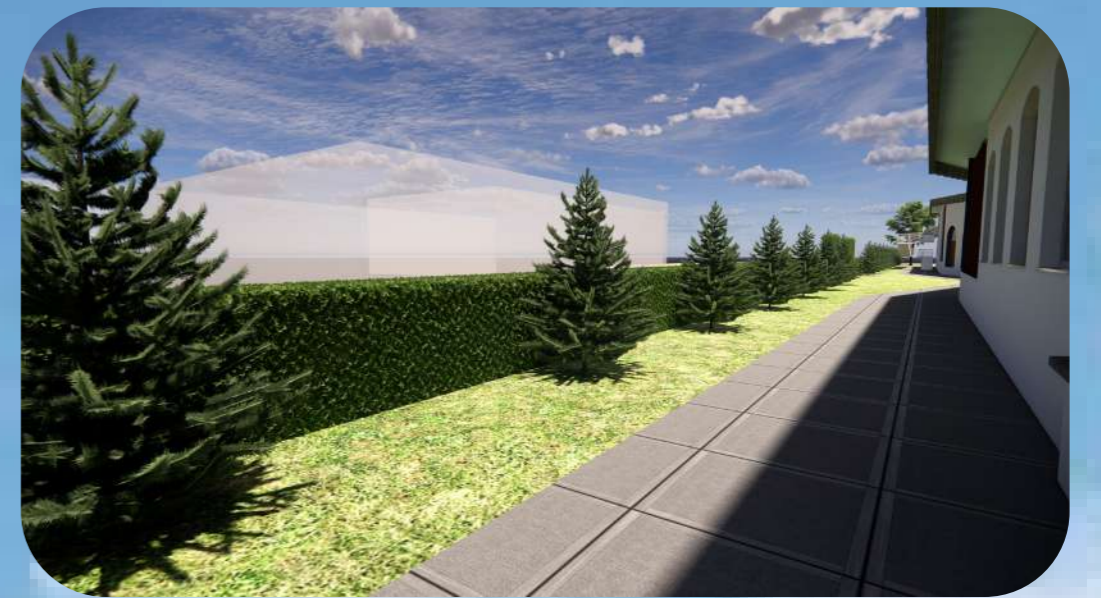
ARCHITECTURAL DESIGNING IV



SITE PLAN (SCALE - 1:250)



- EVERGREEN TREES ARE PLANTED AT THE RARE SIDE OF THE SITE IN ORDER TO AVOID THE NOICE DISTURBANCE FROM THE RAIWAY TRACKS AND AGRICULTURE FIELD



- BUSHES AND TREES ARE PLANTED AT THE PERIMETER OF THE SITE TO CREATE A BOUNDARY OF THE SITE AND GIVE DIRECTION TO THE PATHWAYS.



- REPETATION OF ARCHES DENOTING RHYTHM ALONG THE ARCHES
- BRICK JALI , ARCHES, NICHES ARE THE BASIC DESIGN ELEMENT WIDELY SEEN IN KILA RAIPUR VILLAGE



- PARKING FOR THE VISITERS IS KEPT AT THE FRONT OF THE SITE



- AN OPEN AIR GYM GYM IS DESIGN TO ENCORAGE OR ENHANCE THE LEVEL OF GENRAL FITNESS IN THE VILLAGERS .

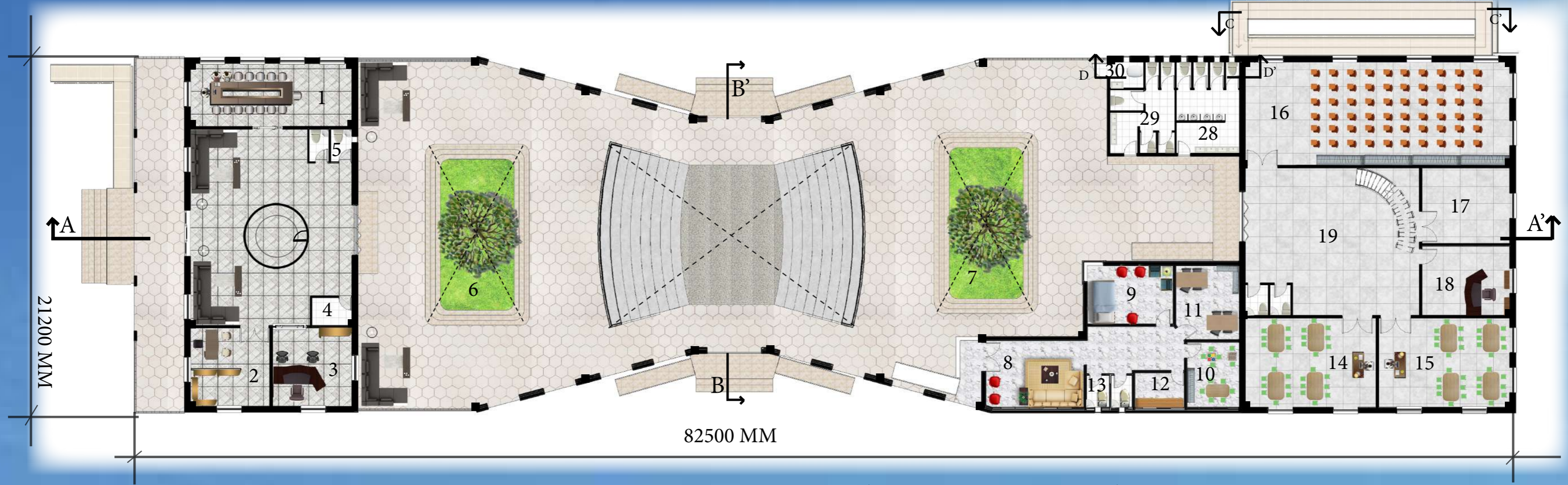


- TABLEU OF ELEFANTS CURVED FROM THE BUSHES REPRESENTING THE ROOTS OF KILA RAIPUR SPORTS FESTIVAL

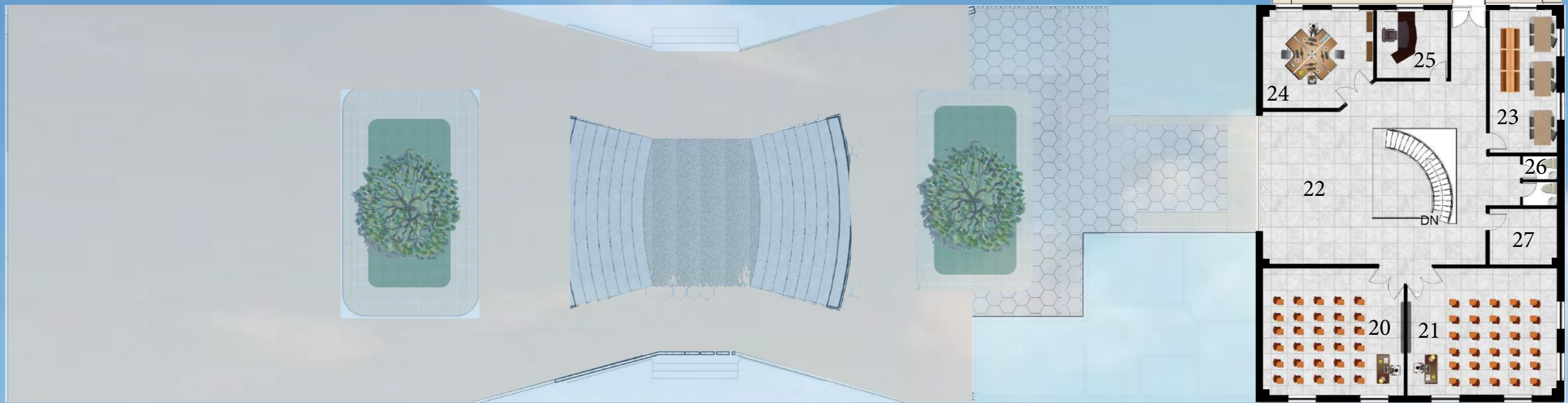


SITE SECTION (SCALE - 1:250)

PLANS



GROUND FLOOR PLAN (SCALE 1:200)



FIRST FLOOR PLAN (SCALE 1:200)



COURTYARD AND BRICK JALI



ENTRANCE FROM PANCHAYT GHAR



FIRST FLOOR LOBBY



ACTIVITY SPACE

LEGENDS		
S/N	SPACE	DIMENSIONS
1	CONFERENCE ROOM	10M X 4M
2	CLERK + RECORD ROOM	5M X 4.9M
3	SARPANCH OFFICE	5M X 4.9M
4	PANTRY	2.5M X 1.8M
5	TOILET	1.3M X 2M (each)
6	COURTYARD	10.8M X 6.2M
7	COURTYARD	10.8M X 6.2M
8	BETHAK	6.1M X 4.3M
9	REST ROOM	5.3M X 3.7M
10	GAMES ROOM	3.5M X 4.1M
11	READING ROOM	4M X 4.6M
12	PANTRY	3.1M X 2.3M
13	TOILET	1.4M X 2.1M
14	WORKSHOP	8.1M X 5.6M
15	WORKSHOP	8.1M X 5.6M
16	SEMINAR HALL	16.2M X 6.4M
17	WORKSHOP STORE	5.5M X 4.7M
18	OFFICE	5.5M X 4.3M
19	LOBBY	10.6M X 9M
20	CLASSROOM	8.2M X 7.1M
21	CLASSROOM	8.2M X 7.1M
22	LOBBY	6.1M X 8.4M
23	LIBRARY	3.9M X 7.9M
24	STAFF ROOM	6.2M X 5.5M
25	OFFICE	3.8M X 3.9M
26	TOILET	2.1M X 1.4M
27	PANTRY	3.9M X 3.1M
28	MALE PUBLIC TOILET	4M X 5.7M
29	FEMALE PUBLIC TOILET	4M X 5.7M
30	PHY-DISABLED TOILET	2.2M X 1.8M



REPETITION OF ARCHES



PLAY OF SHADOWS



FRONT FACADE



OPEN AIR THEATRE

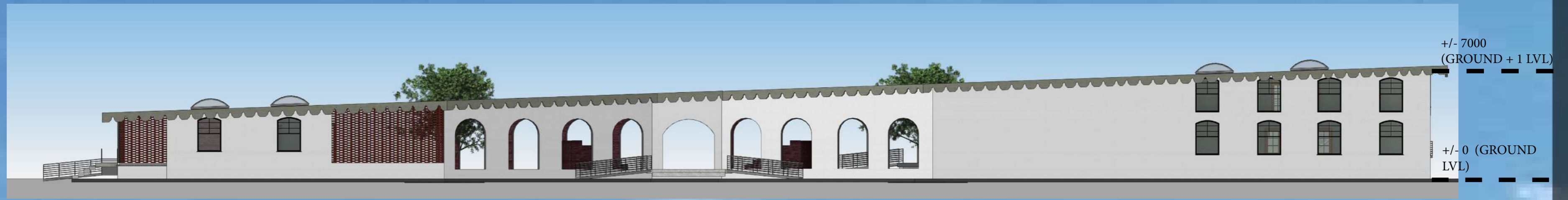
SECTIONS AND ELEVATIONS

RURAL COMMUNITY CENTER

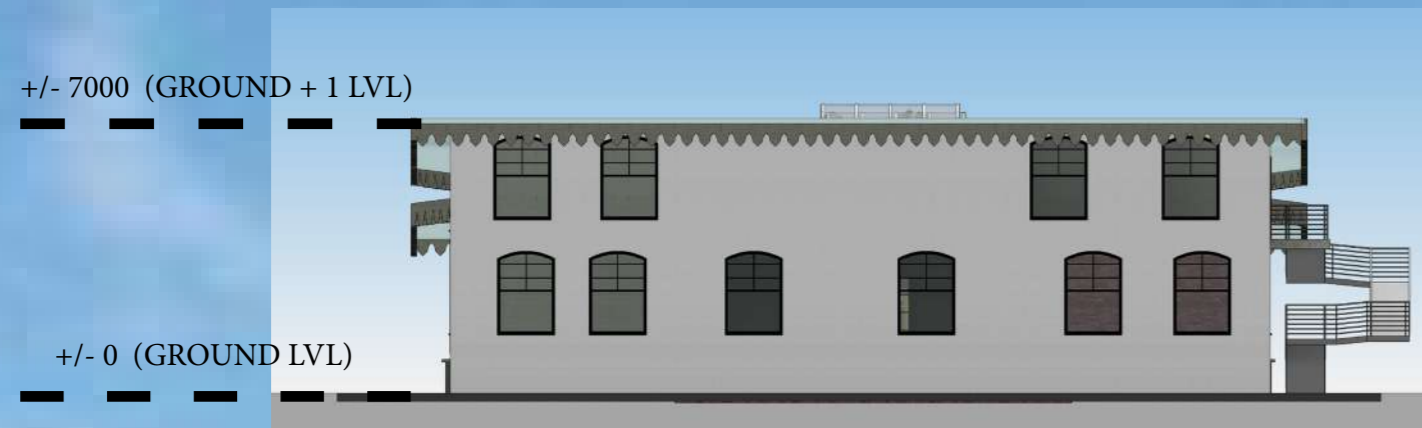
ARCHITECTURAL DESIGN IV



NORTH - WEST ELEVATION (SCALE 1:200)



SOUTH- EAST ELEVATION (SCALE 1:200)



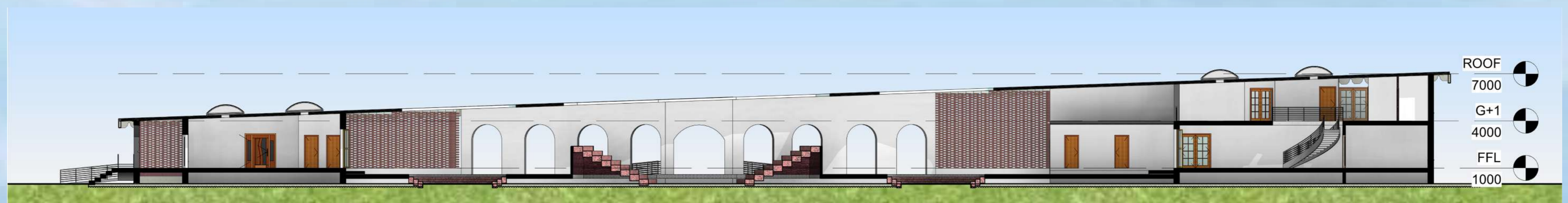
NORTH- EAST ELEVATION (SCALE 1:200)



SOUTH- WEST ELEVATION (SCALE 1:200)



RENDERED VIEW



SECTION AA' (SCALE 1:200)



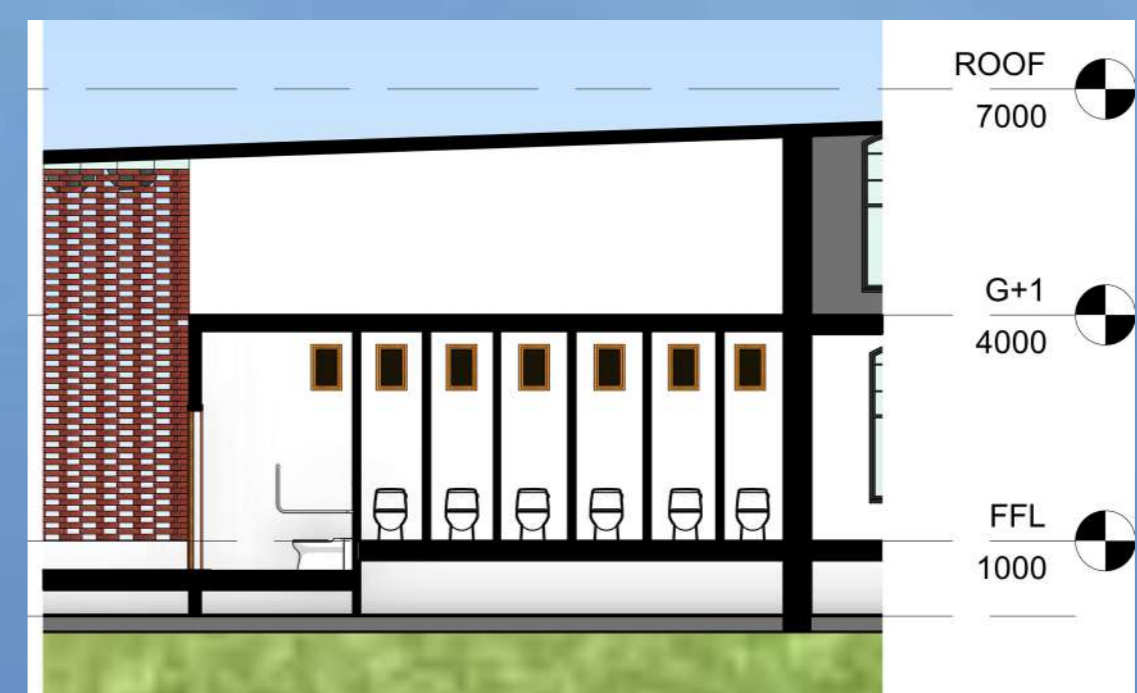
SECTION BB' (SCALE 1:200)



RENDERED VIEW



SECTION CC' (SCALE 1:100)



SECTION DD' (SCALE 1:100)