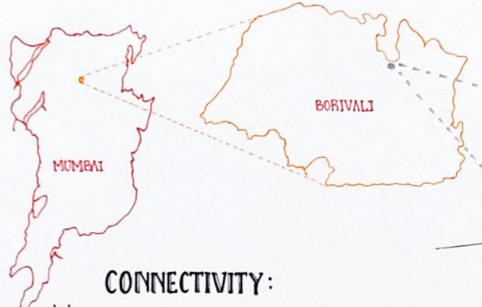
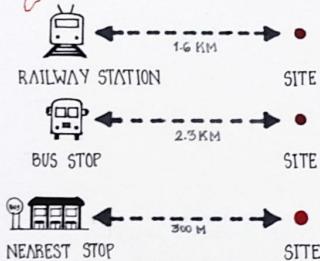


# SITE ANALYSIS

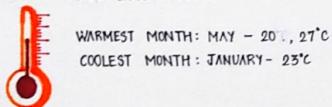


## CONNECTIVITY:



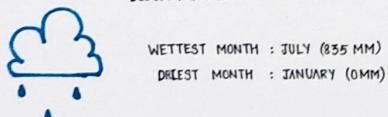
## CLIMATE

### TEMPERATURE



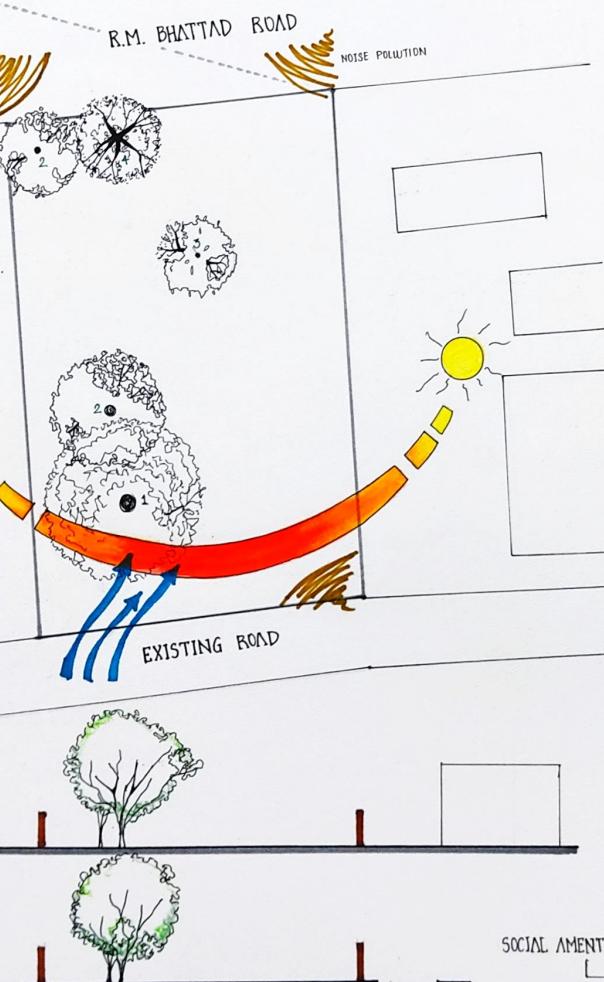
SUNLIGHT: MORE SUNLIGHT IN SOUTH-WEST  
CLOUD COVER: HIGH IN JULY & AUGUST

### RAINFALL



## VEGETATION

1. RAIN TREE
2. GULMOHAR
3. BADAM TREE
4. ASHOKA TREE



SITE SECTIONS

**S**

1. RESIDENTIALLY DENSE.
2. ACCESSIBLE FROM BORIVALI RAILWAY STATION.
3. HAS A BUS STOP CLOSE BY.

**W**

1. ROADS HAVE HEAVY TRAFFIC DURING DAY TIME (10 A.M. TO 12 P.M.) AND DURING DAWN (6 P.M. TO 8 P.M.).

**O**

1. THE SCHOOLS & PLAYGROUNDS ARE LOCATED WITHIN 1 KM, THUS, SCHOOL CHILDREN CAN UTILIZE LIBRARY.
2. RESIDENTIALLY DENSE, ATTRACTS REQUESTED AGE DEMOGRAPHICS.

**T**

1. THE NEIGHBOURING COLLEGE & MAIN ROAD MAY BE SOURCE OF NOISE POLLUTION & CAN DISTURB THE PEACE OF THE AREA.

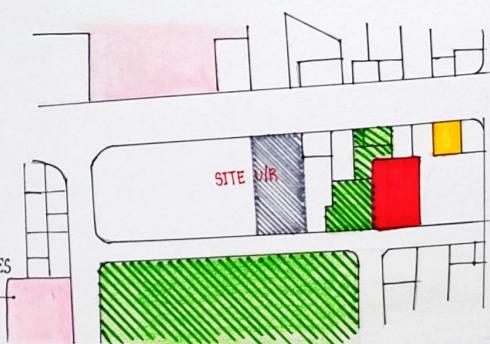
## SURROUNDING CONTEXT

RESIDENTIAL

HOUSING

OPEN SPACE

EDUCATION



# CONCEPT & ZONING

## DESIGN CONCEPT

AN INTERACTIVE MODEL OF LEARNING THAT EMPHASIZES ON INDEPENDENCE, FREEROM WITHIN LIMITS & RESPECT FOR A CHILD'S NATURAL, PHYSICAL & SOCIAL DEVELOPMENT.

THE ELEMENTS IN THE DESIGN ARE KEPT SIMPLE.

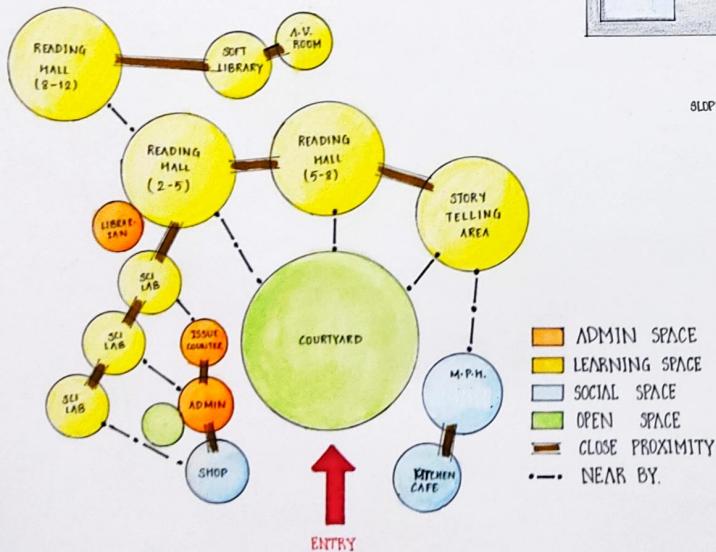
MOST OF THE DESIGN IS MADE CONSIDERING THE BRIEF GIVEN. ACCORDING TO THE BRIEF, THE RECYCLED ELEMENT USED IN STRUCTURE ARE THE BRICKS. BRICKS MADE USING 100% PLASTIC WASTE.

BUILDING A LIBRARY THE MOST IMPORTANT FACTOR TO BE CONSIDERED IS THE NATURAL LIGHT. HENCE IT IS IMPOSED USING THE FOLLOWING ELEMENTS:

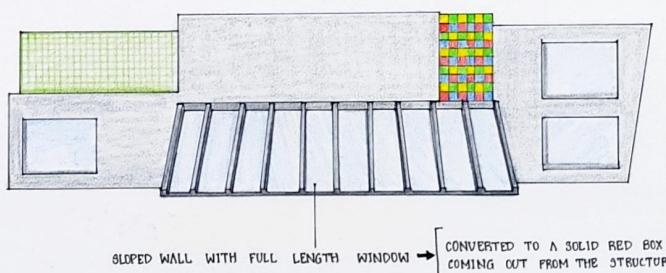
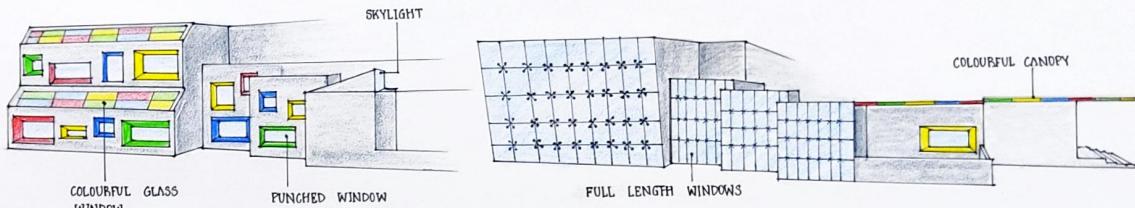
SKYLIGHTS, FULL LENGTH WINDOWS & GLASS CANOPY INSTEAD OF SOLID MATERIAL TO ALLOW LIGHT TO ENTER THE STRUCTURE.

OVERCOMING THE THREAT OF NOISE POLLUTION BY USING CAVITY WALLS AND USING NATURAL ELEMENT TO OBSTRUCT NOISE TRESS & HEDGE.

## ZONING

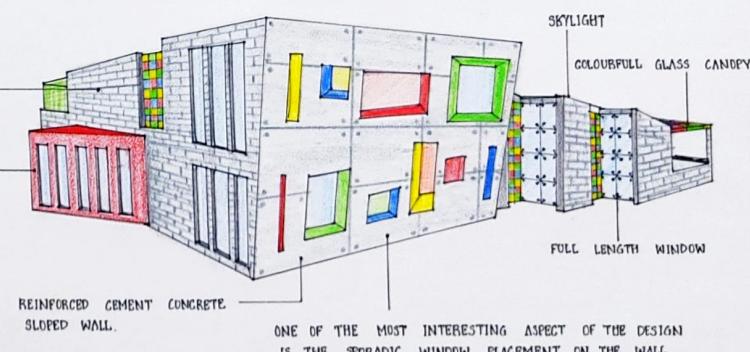


## CONCEPTUAL SKETCHES & FORM DESIGNING



WINDOW ON THE WALL ARE ARRANGED IN A SPECKLED PATTERN. TAKING INSPIRATION FROM RONCHAMP / LE CORBUSIER.

SUCH PLACEMENT AMPLIFIED THE LIGHT WITHIN THE BURROW BY TAPERING THE WINDOW WELL IN THE WALL CAVITY. EACH WALL BECOMES ILLUMINATED BY THESE DIFFERENT WINDOW FRAMES.



# SITE PLAN



## LEGEND

- ▲ SERVICE ENTRY
- ▲ ENTRY / EXIT
- 8- ADVENTURE PLAY



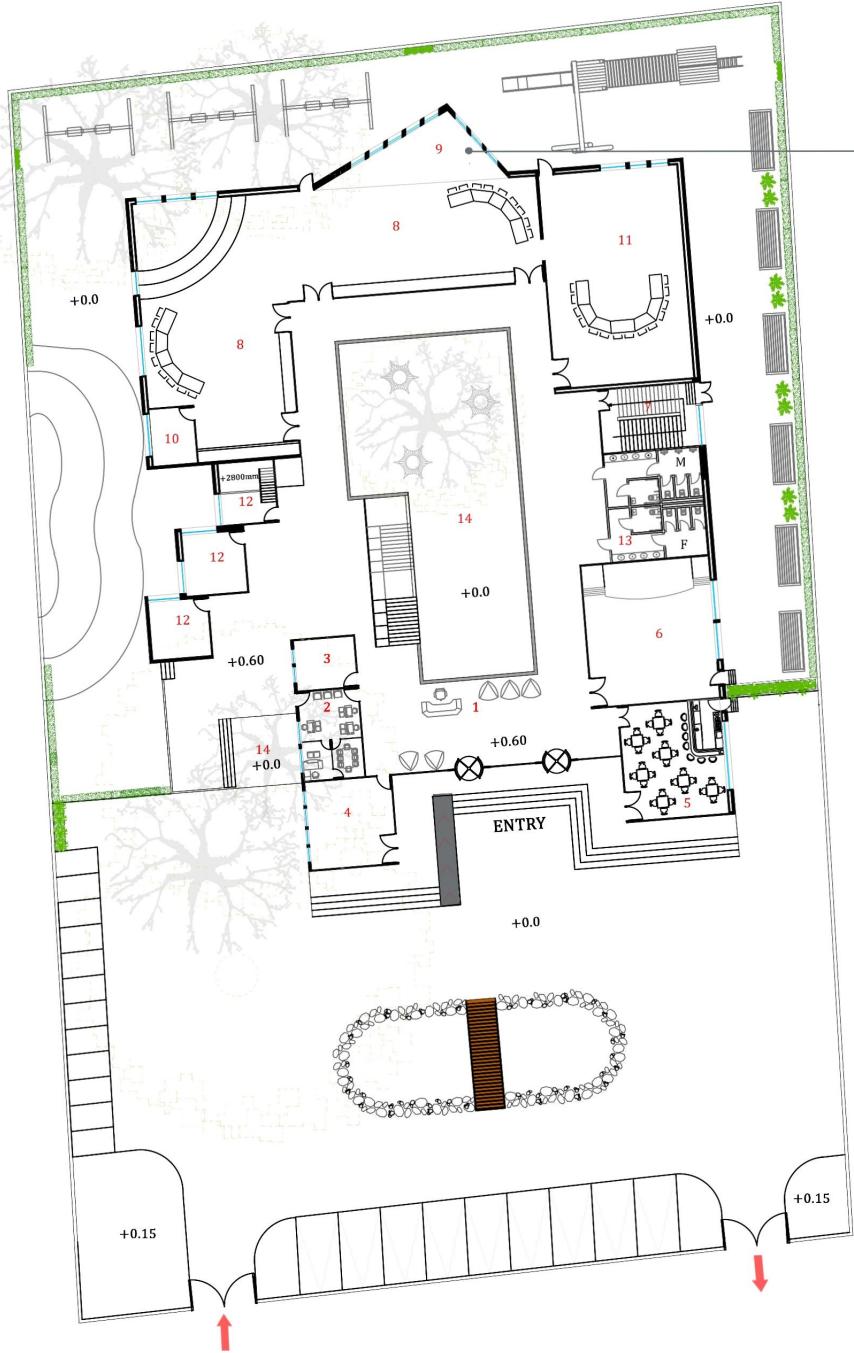
7- SWING



9- WEB CLIMBING



# FLOOR PLANS



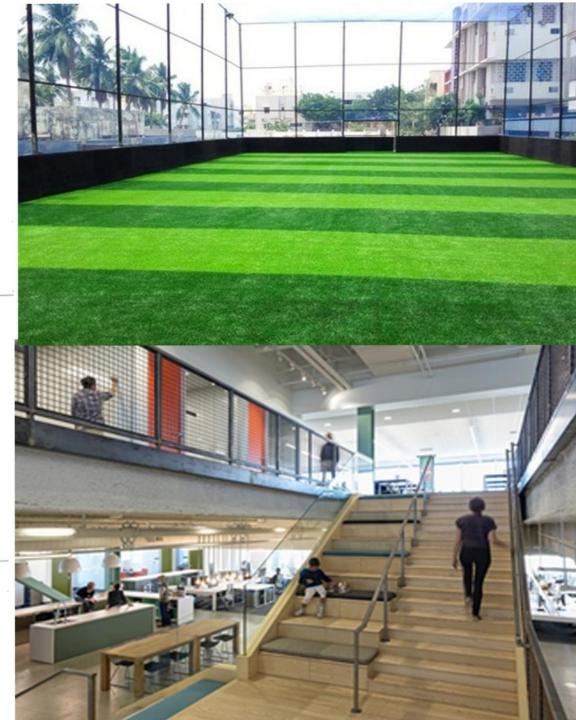
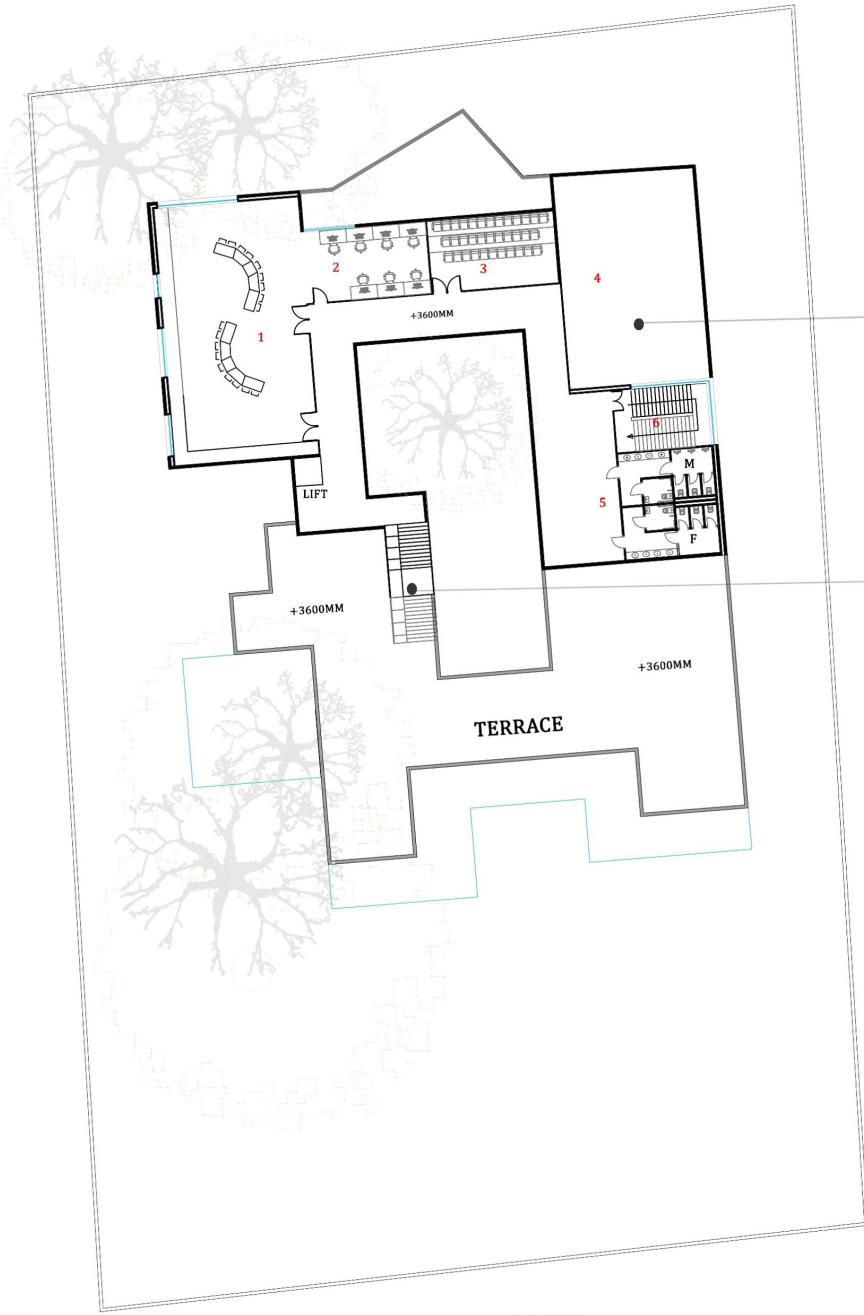
## AREA STATEMENT

### LEGEND

SR.NO.	SPACE	AREA
1	RECEPTION	25 SQ.M.
2	ADMIN	35 SQ.M.
3	ISSUING COUNTER/LOCKER	20 SQ.M.
4	SHOP	50 SQ.M.
5	CAFÉ & KITCHEN	75 SQ.M.
6	MULTIPURPOSE HALL	100 SQ.M.
7	FIRE EXIT STAIRCASE	40 SQ.M.
8	READING HALLS ( 2-5 & 5-8 YRS)	360 SQ.M.
9	FOREST	40 SQ.M.
10	LIBRARIAN CABIN	25 SQ.M.
11	STORY- TELLING AREA	150 SQ.M.
12	SCI-LABS	75 SQ.M.
13	TOILET	40 SQ.M.
14	COURTYARDS	300 SQ.M.
CIRCULATION AREA		285 SQ.M.
TOTAL AREA		1270 SQ.M.

## GROUND FLOOR PLAN

# FLOOR PLANS

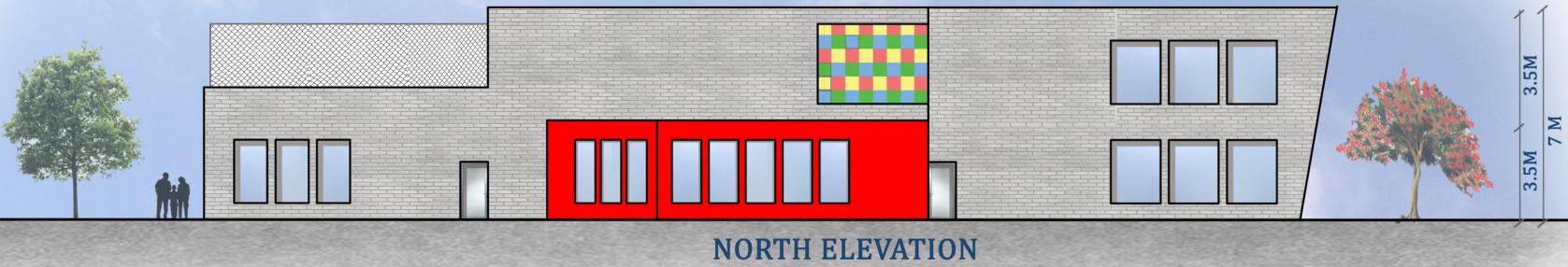
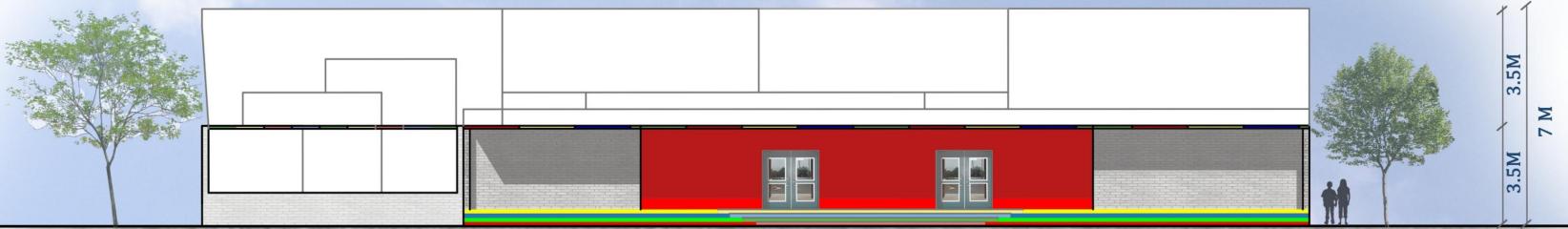


## AREA STATEMENT

LEGEND		
SR.NO.	SPACE	AREA
1	READING HALLS ( 8- 12 YRS)	200 SQ.M.
2	SOFT LIBRARY	50 SQ.M.
3	A.V. ROOM	60 SQ.M.
4	FOOTBALL TURF	200 SQ.M.
5	TOILET	40 SQ.M.
6	FIRE EXIT STAIRCASE	40 SQ.M.
CIRCULATION AREA		150 SQ.M.
TOTAL AREA		700 SQ.M.

## FIRST FLOOR PLAN

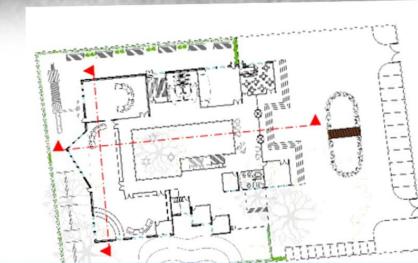
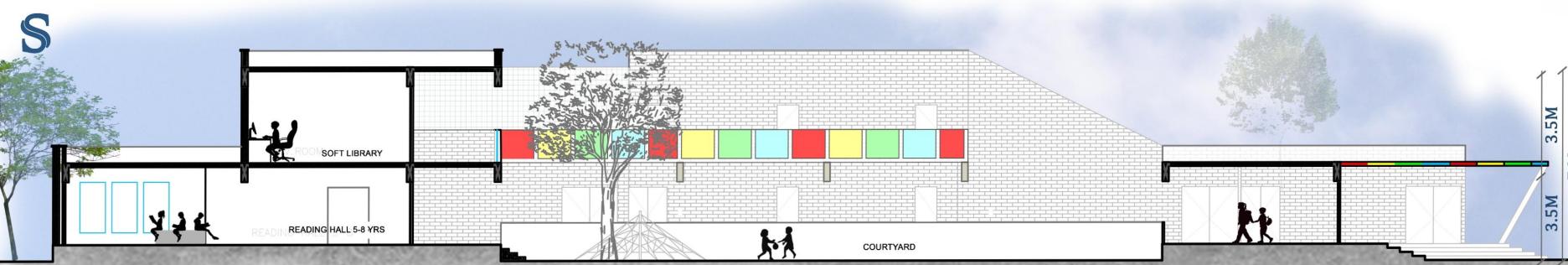
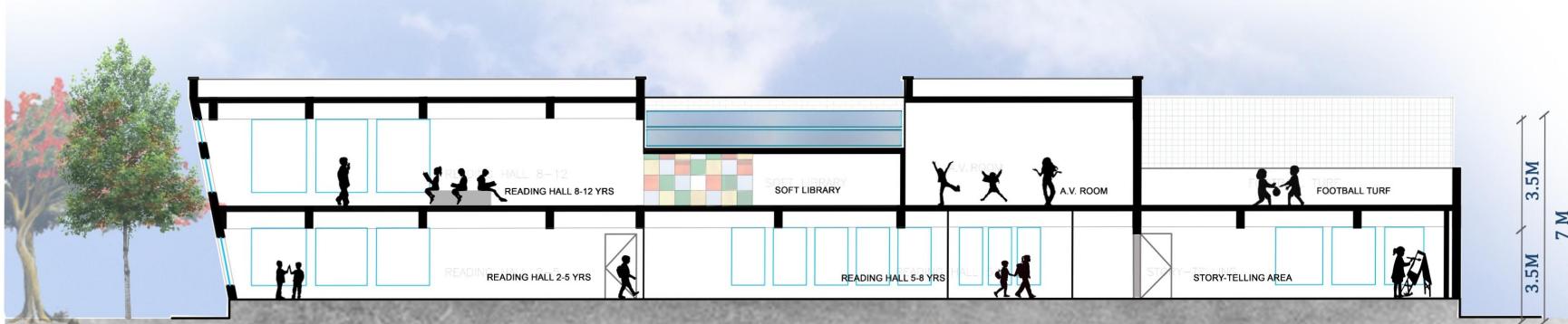
E  
L  
E  
V  
A  
T  
I  
O  
N  
S



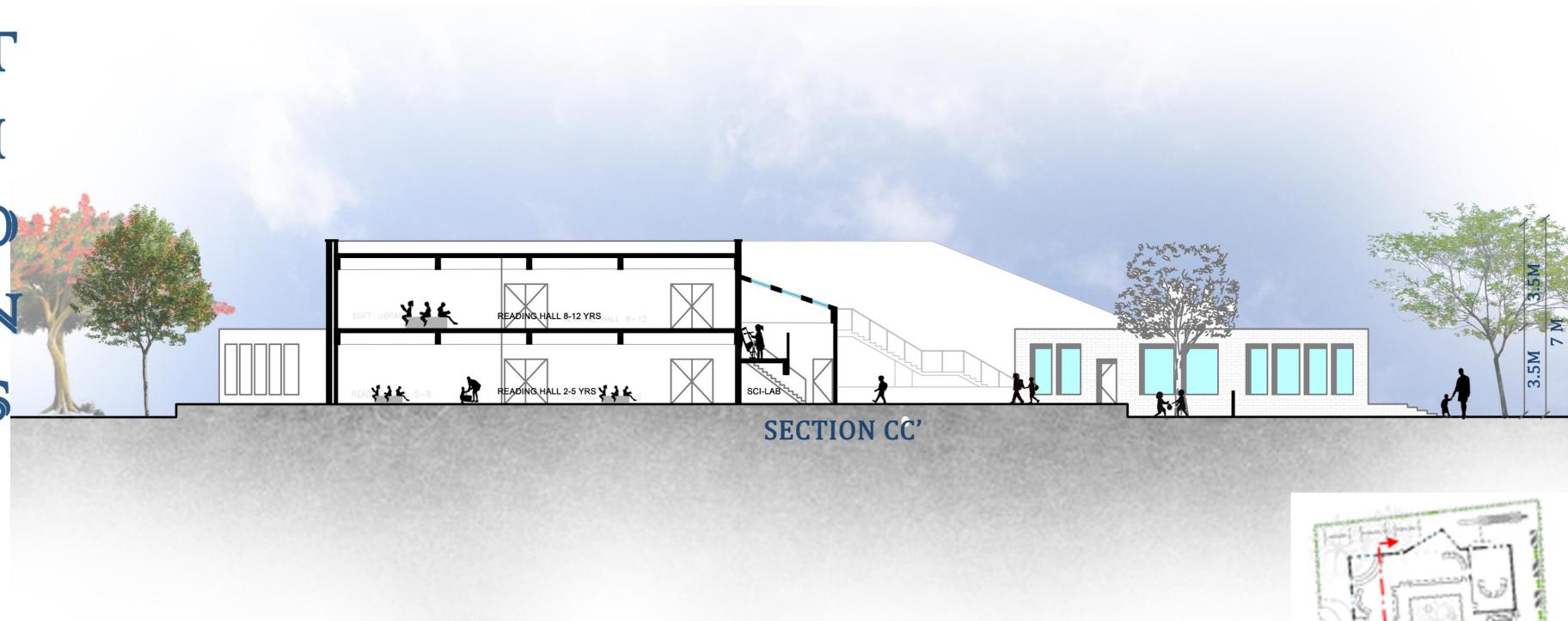
E  
L  
E  
V  
A  
T  
I  
O  
N  
S



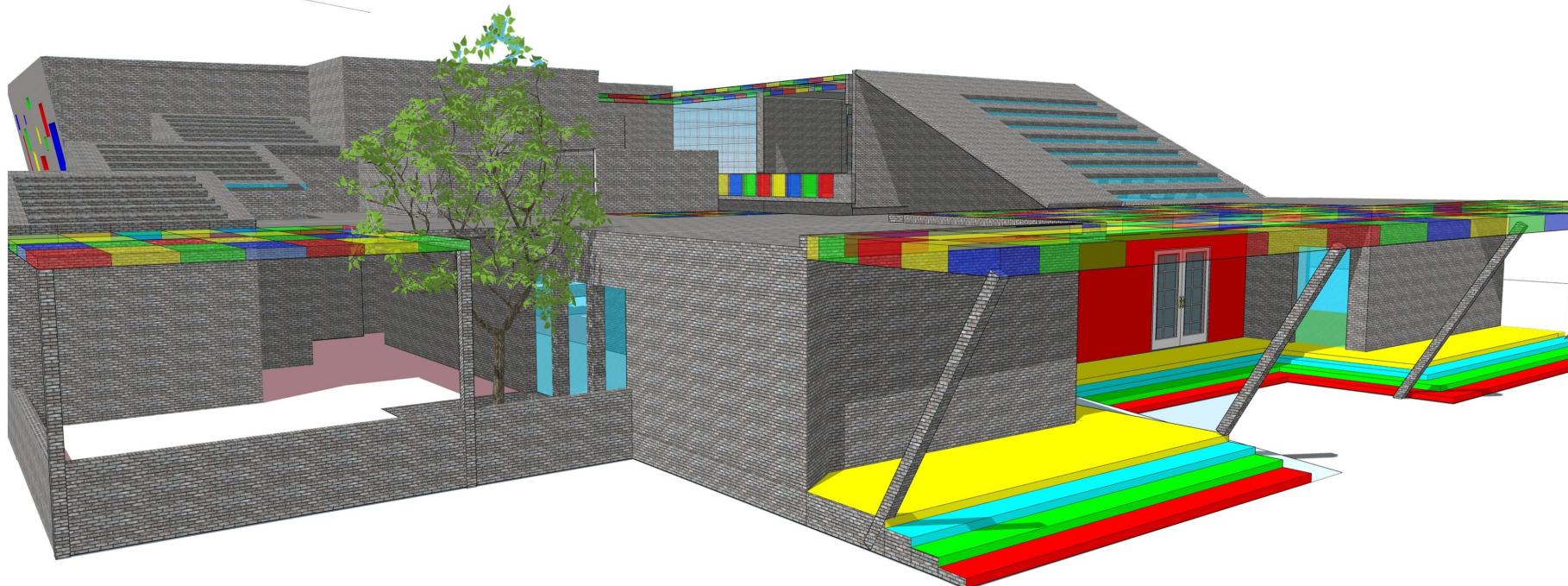
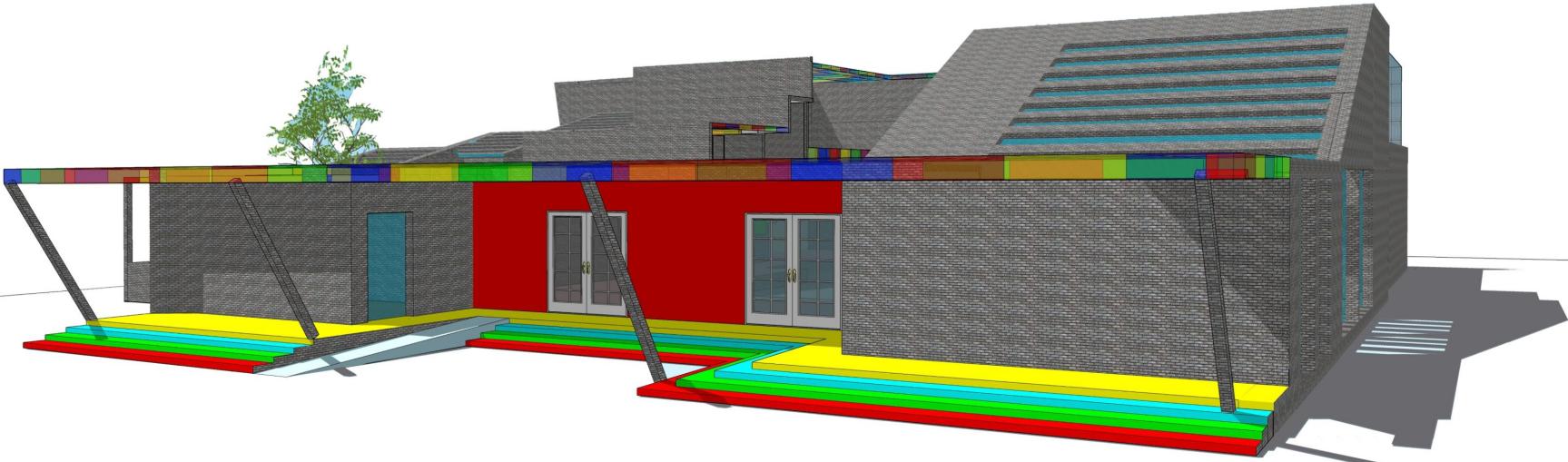
# S E C T I O N S



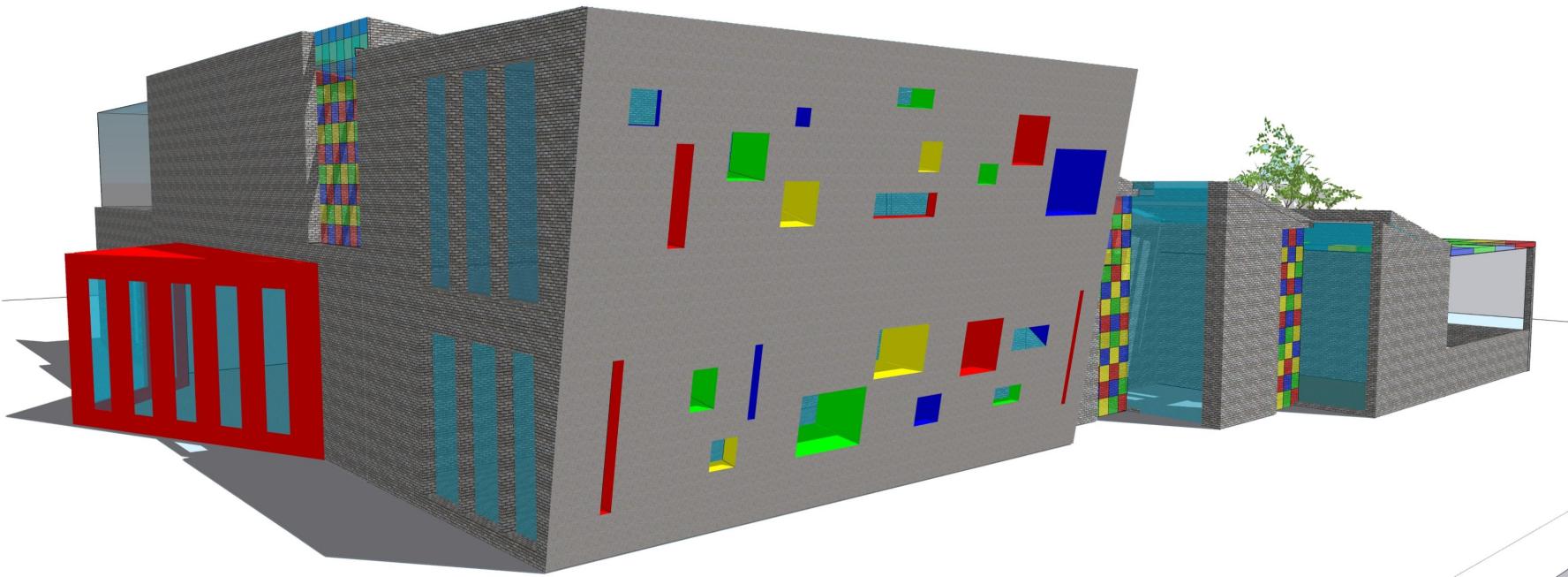
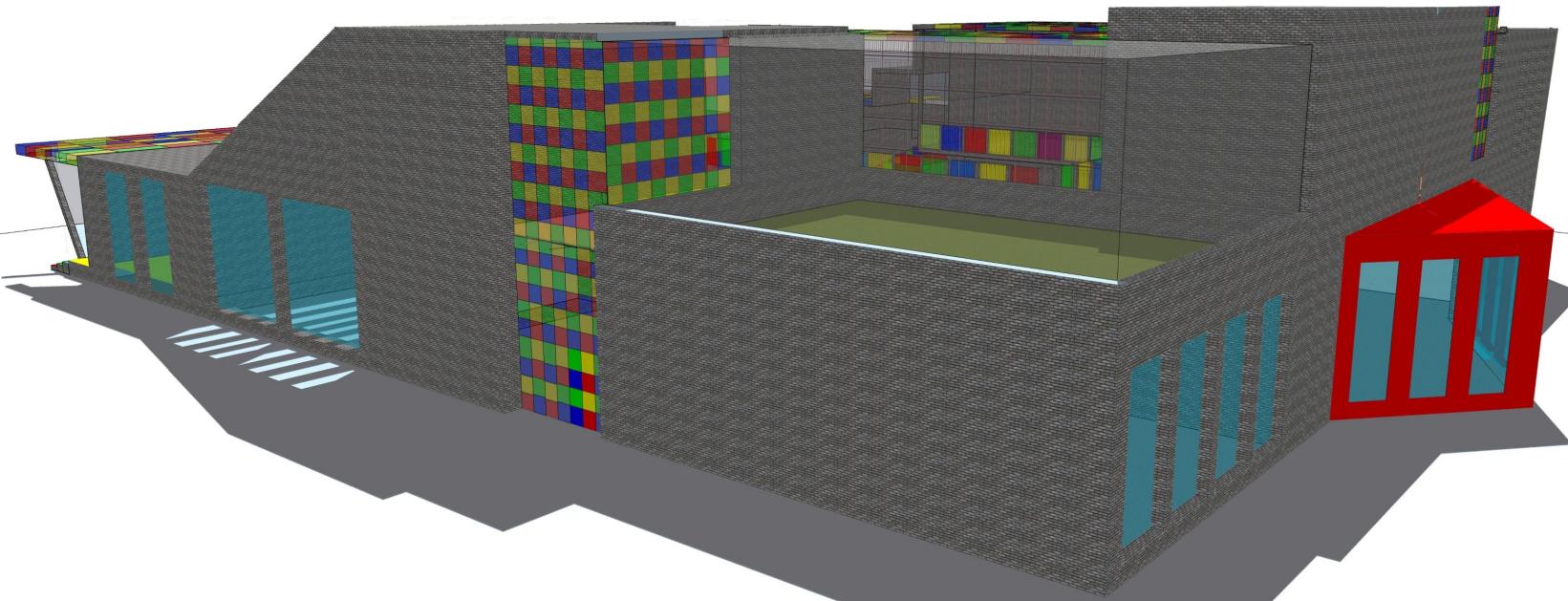
S  
E  
C  
T  
I  
O  
N  
S

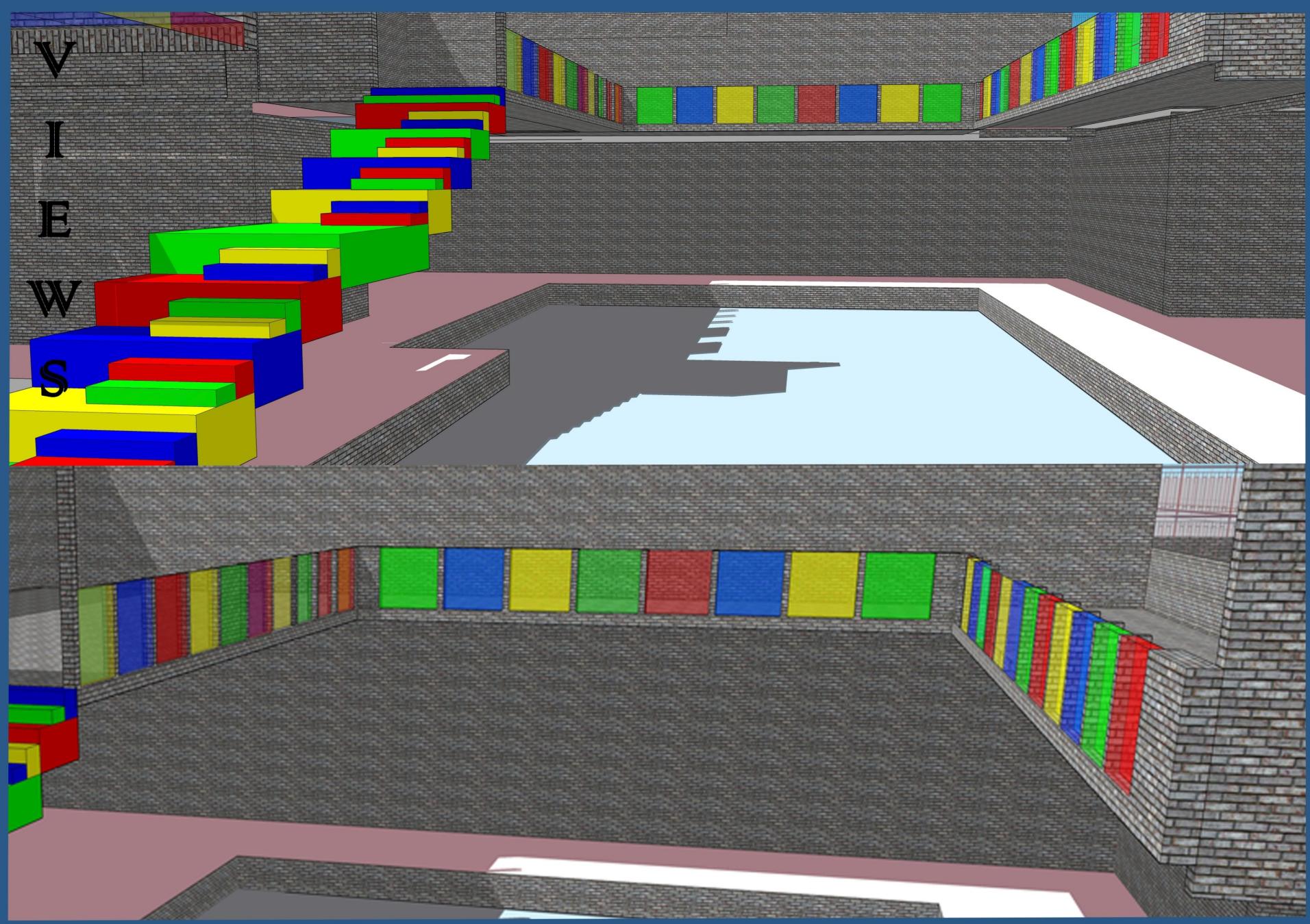


V  
I  
E  
W  
S



V  
I  
E  
W  
S





V

I

E

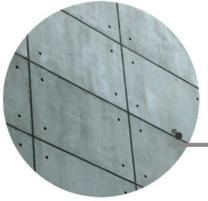
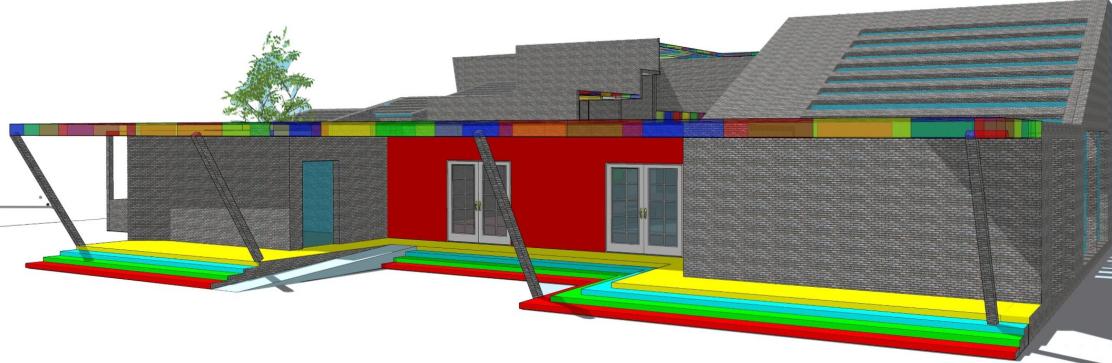
W

S

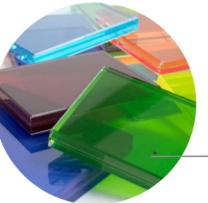
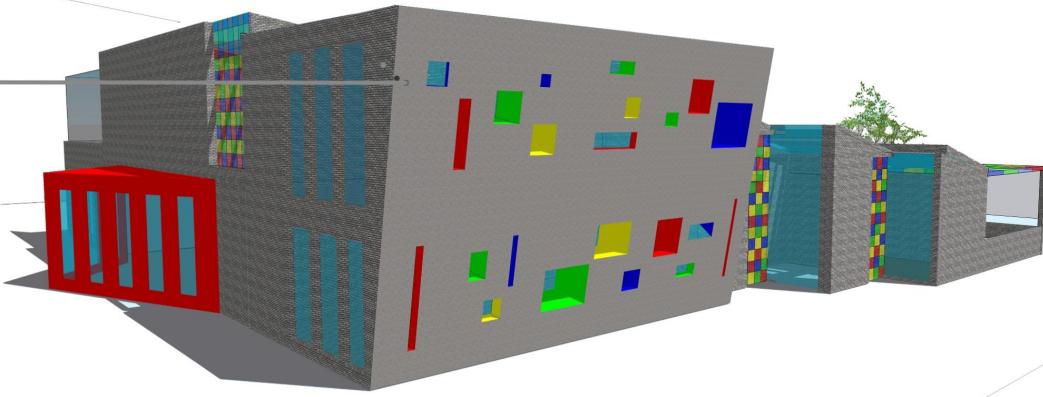
M  
A  
T  
E  
R  
I  
A  
L



BRICKS MADE USING  
100% PLASTIC WASTE



R.C.C. PANELS FOR  
SLOPING WALL



FIRE RESISTANT  
GLASS

