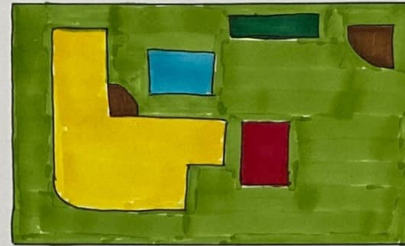


INTRODUCTION SHEET-AD3

FAMILY MEMBERS	AGE(Yrs)	JOB	ACTIVITIES	HOBBIES
GRAND FATHER	62	RETIRED	STAYS AT HOME	GARDENING
HUSBAND	30	CA	FILE WORK AT HOME	COOKING & SINGING
WIFE	29	ENGINEER	GOES TO OFFICE	PAINTING
DAUGHTER	2	-	GOES TO PLAY SCHOOL	PLAYING & DANCING
DOG	1	-	DAILY WALK	



ROUGH SKETCH OF PLOT

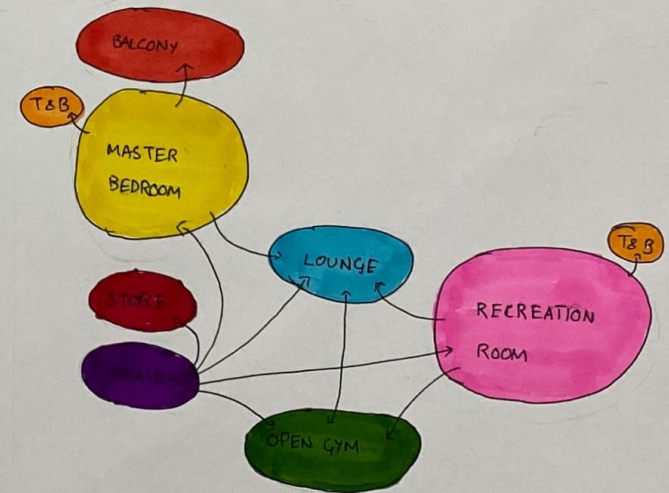
Sr NO	ROOM REQUIRED	NO.	DIMENSIONS IN M	PROXIMITY ANALYSIS
1	RECREATION ROOM	1	5.7 x 4.3	
2	KITCHEN	1	3 x 2.4	
3	OFFICE	1	2.8 x 3	
4	BATHROOM	3	2.1 x 1.5	
5	DINING & LIVING	1	12 x 4.3	
6	GUEST AREA	1	12.6 x 4	
7	POWDER ROOM & GUEST BATHROOM	1	1.2 x 1.5	
8	GROUND FLOOR BEDROOM	1	5 x 4.2	
9	STORE ROOM	2	2.4 x 1.8	
10	PARKING LOT	1	4 x 6	
11	POOL	1	4 x 6	
12	GUEST ROOM	1	4 x 4.3	
13	MASTER BEDROOM	1	5 x 6	
14	OPEN GYM	1	5.5 x 2.5	
15	PORCH	1	RADIUS = 3.7	
16	STAIR SPACE	1	3.1 x 1.8	
17	VERANDAH	1	5 x 2	
18	GAZEBO	1	RADIUS = 4	
19	KITCHEN GARDEN	1	7 x 3	
20	LAWN AREA	-	-	

- PLOT AREA = 40 m x 25 m
- OFF SET - 3 m FROM SIDES
4 m FROM FRONT & BACK
- GROUND COVERAGE - 60 %
- FAR - 2.5

GROUND FLOOR



FIRST FLOOR



INTRODUCTION SHEET

SHEET NO

1

REMARKS

NAME - SAMRIDHI KHANNA

ROLL NO - BARCH/10019/20

DEPT OF ARCHITECTURE BIT MESRA

SEMESTER - 3

SUBJECT - AD 3

LOCATION - ARGORA RANCHI

TEMPERATURE RANGE
→ 6.4°C - 38.5°C

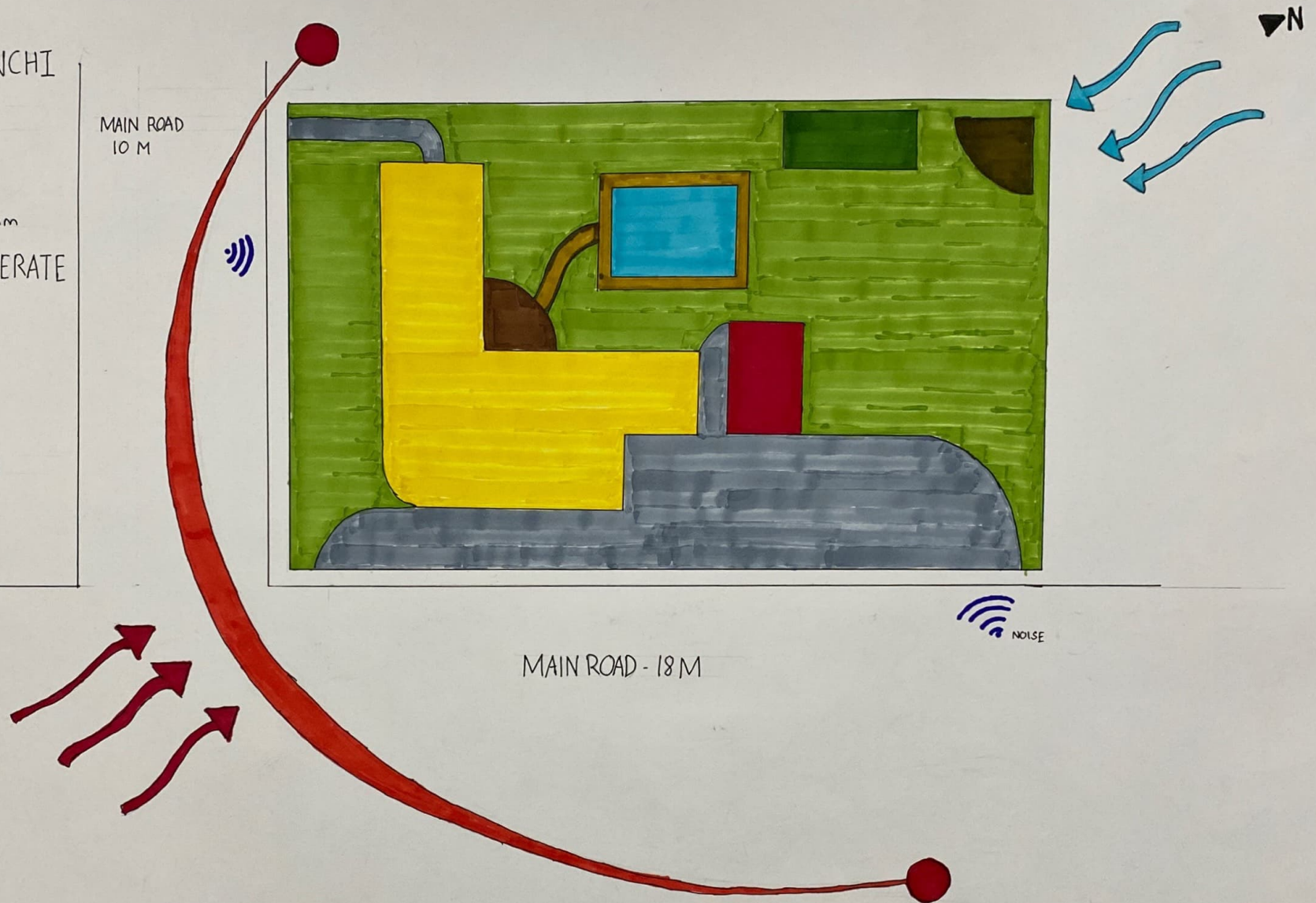
PRECIPITATION - 1358 mm

CLIMATE - HOT & TEMPERATE

SUMMER WIND - S-W

WINTER WIND - N-W

PLOT - 40 m x 25 m
FRONT & BACK SETBACK - 4 M
SIDE SETBACK - 3 M



SITE ANALYSIS

SHEET NO.

2

REMARKS

NAME - SAMRIDHI KHANNA

ROLL NO - BARCH/10019/20

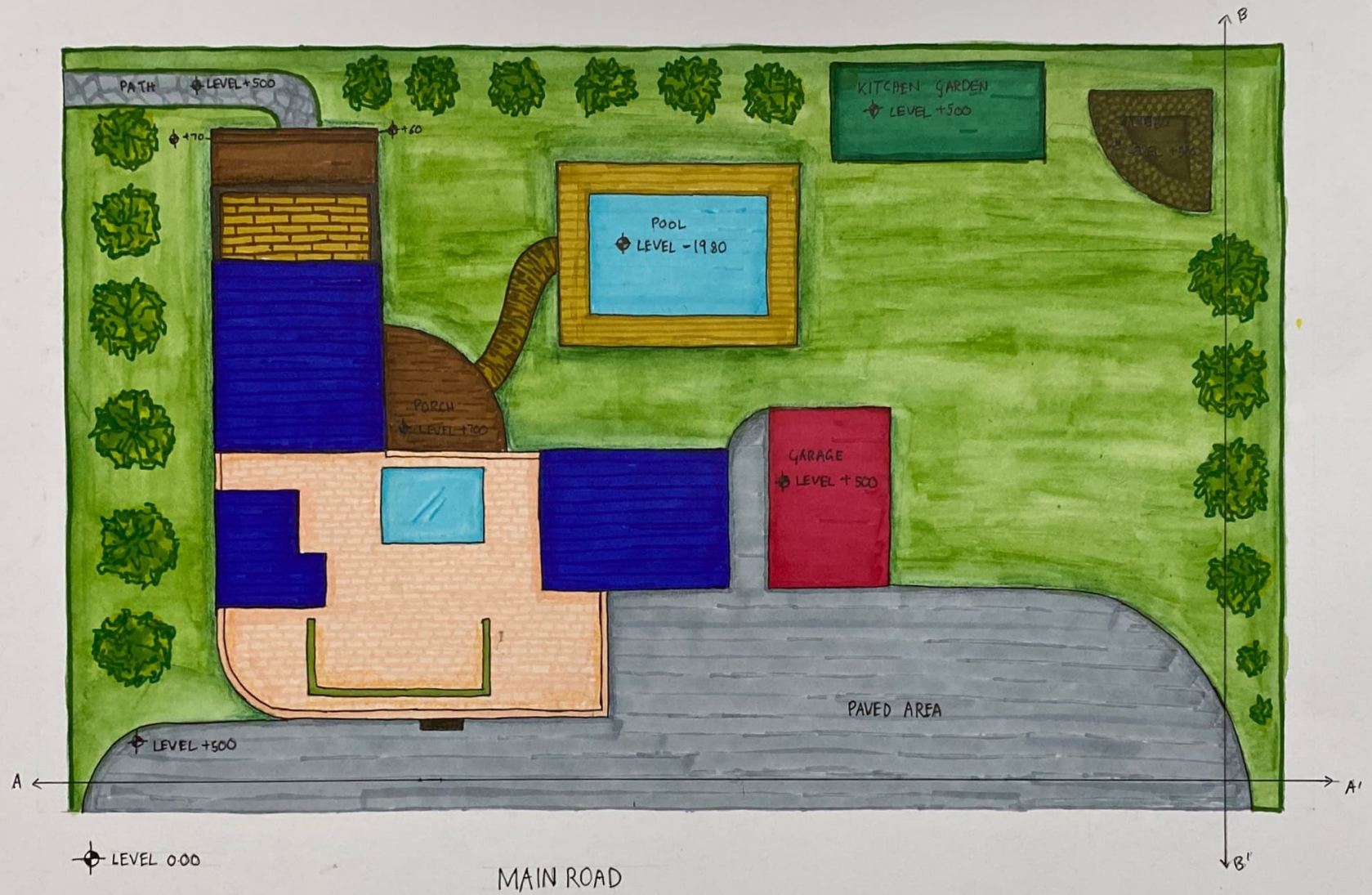
DEPT OF ARCHITECTURE BIT MESRA

SEMESTER - 3

SUBJECT - AD 3 | SCALE - 1:150



MAIN ROAD



SITE PLAN

SHEET NO

3

REMARKS

NAME - SAMRIDHI KHANNA

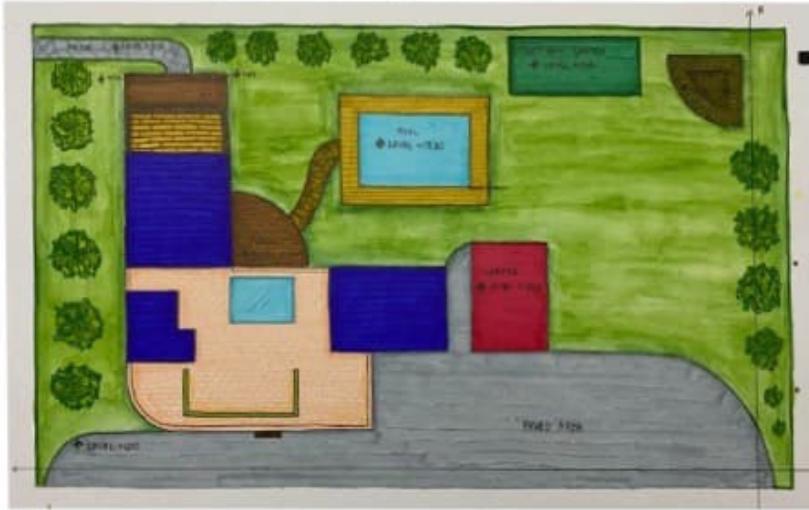
ROLL NO - BARCH/10019/20

DEPT OF ARCHITECTURE BIT MESRA

SEMESTER - 3

SUBJECT - AD3 SCALE - 1:100

CONCEPT- the concept is based on integration of natural light and air with building.



- The design of the house is in shape of 'L'. This ensures that each room and space gets air and sunlight. Ground floor bedrooms have direct access to lawn area via french windows and verandah. The lawn will have Neem and Karanj trees as these are indigenous plants and good for surroundings.

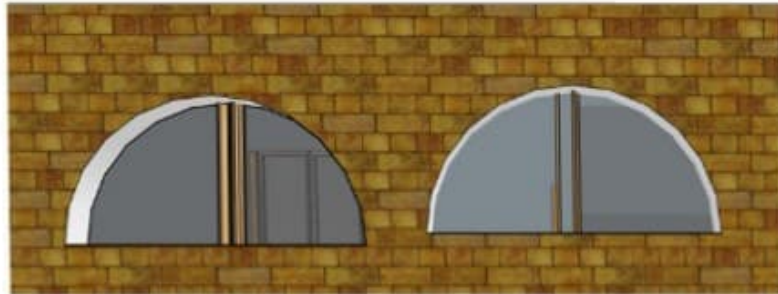
On the first floor there is semi open lounge with transparent polycarbonate roof. This will provide an aesthetic view of rainfall and a place of sitting in rain.

The porch and gazebo are also for outdoor seating and can be used for lawn parties as well.

DESIGN THEME-

The theme of design is 'Subtle curves'. Although the shape of building is rectangular there are soft curves at corners, pavement, porch and gazebo to break the monotony of the structure.

In the building there are semicircular windows which accentuate the design theme.

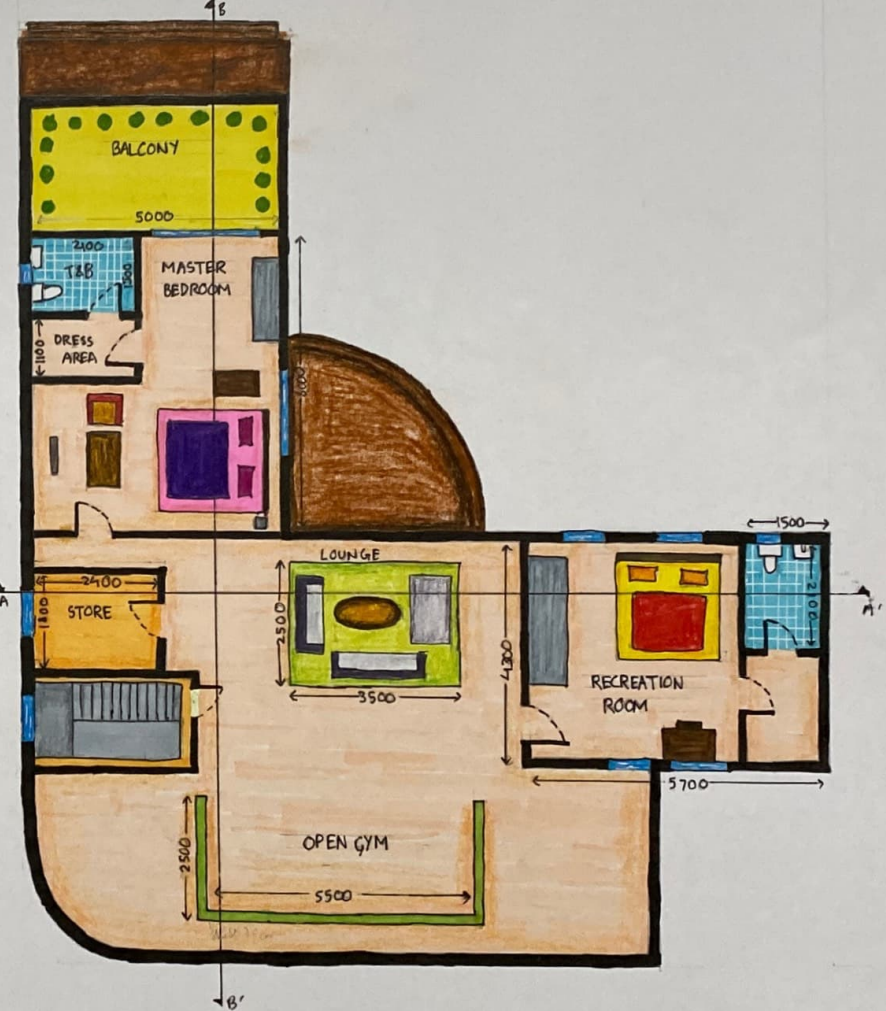




GROUND FLOOR Φ 700



1st FLOOR Φ 3700



FLOOR PLAN

SHEET NO

4

REMARKS

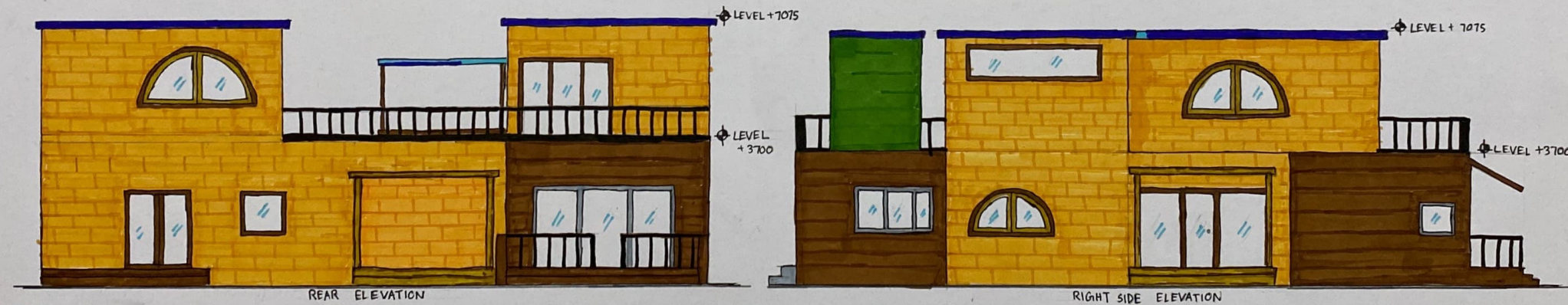
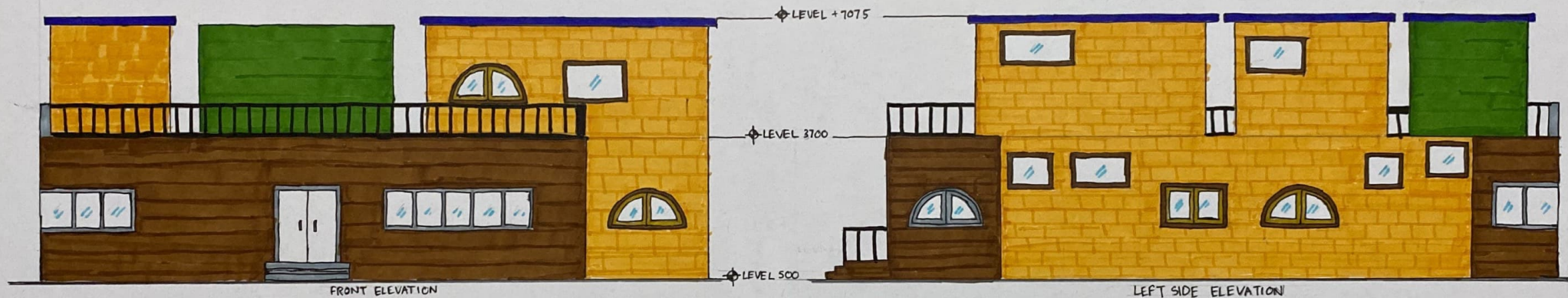
NAME - SAMRIDHI KHANNA

ROLL NO - BARCH/10019/20

DEPT OF ARCHITECTURE BIT MESRA

SEMESTER - 3

SUBJECT - AD 3 SCALE - 1:75



SECTION & ELEVATION

SHEET NO

5

REMARKS

NAME - SAMRIDHI KHANNA

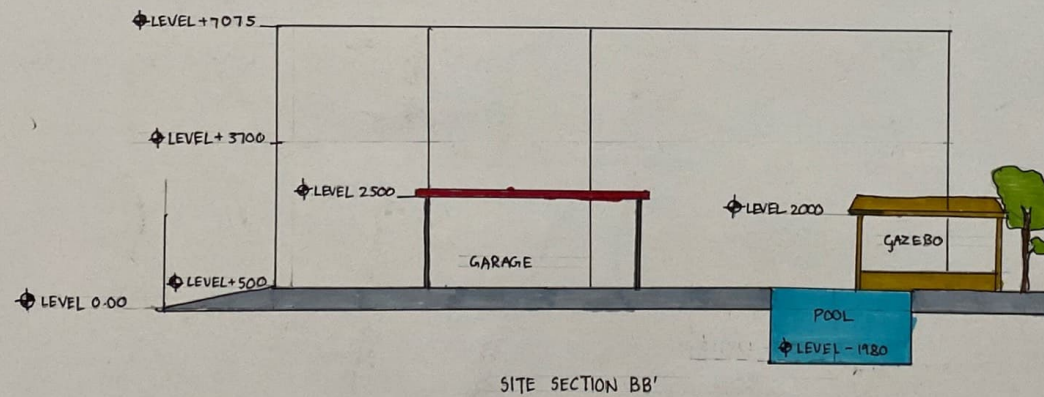
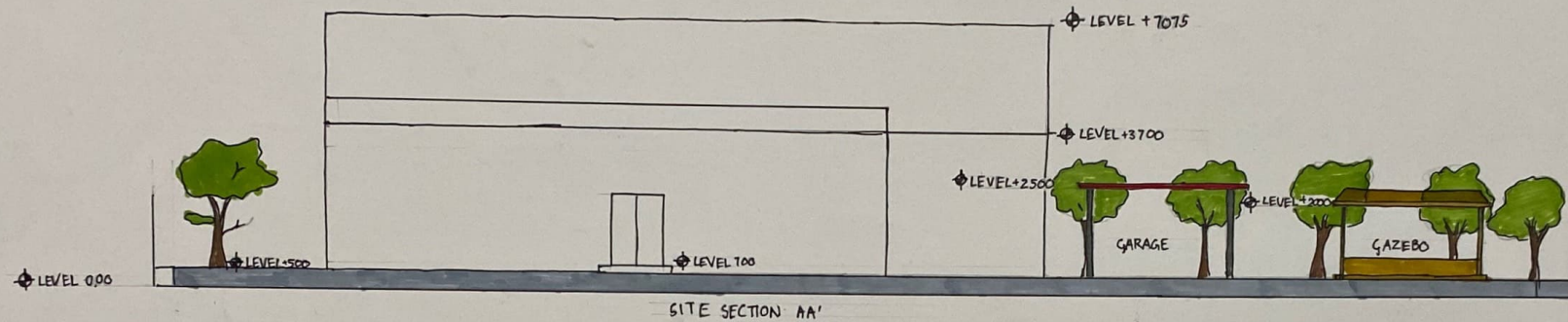
ROLL NO - BARCH/10019/20

DEPT OF ARCHITECTURE BIT MESRA

SEMESTER - 3

SUBJECT - AD 3

SCALE - 1:75



SITE SECTION

SHEET NO

6

REMARKS

NAME - SAMRIDHI KHANNA

ROLL NO - BARCH/10019/20

DEPT OF ARCHITECTURE BIT MESRA

SEMESTER-3

SUBJECT- AD 3 | SCALE - 1:100

