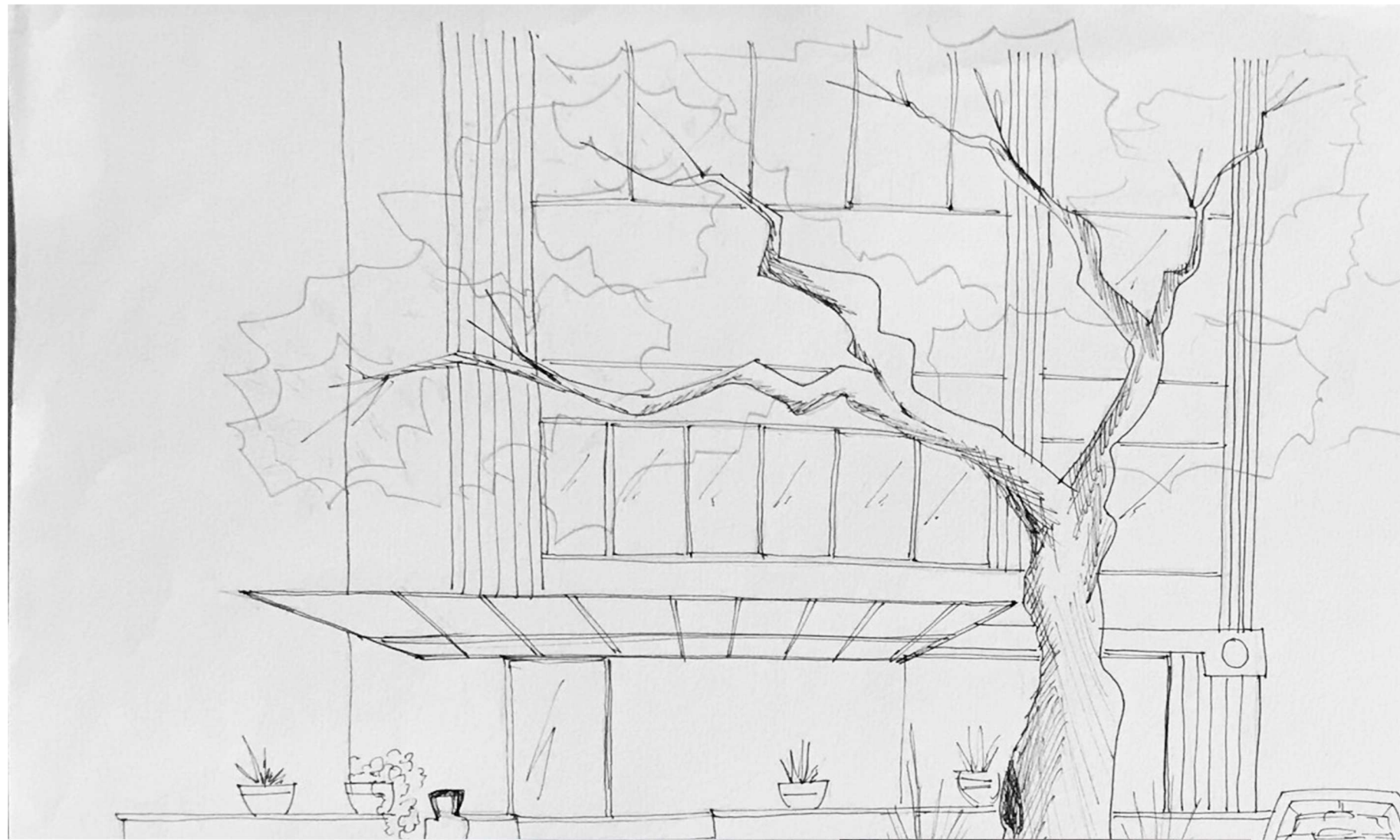




MATERIAL : PART OF THE PALM TREE

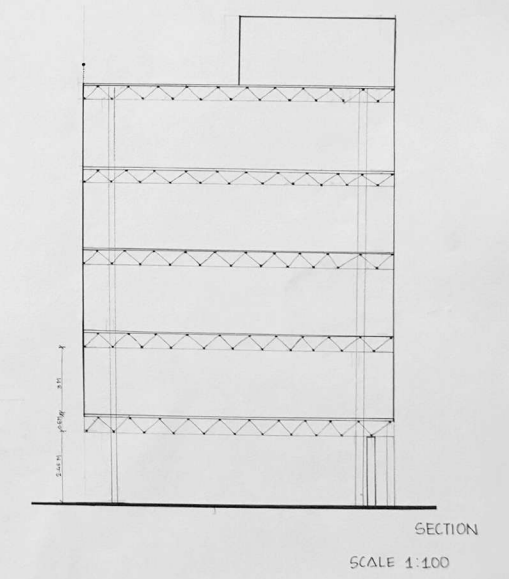
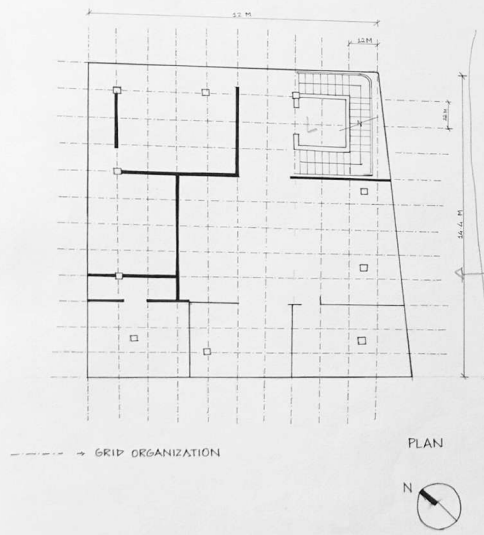
- DARK BROWN COLOURED
- BAND AND FLAXIBLE
- LIGHT WEIGHT
- THE STRUCTURE OF THE MATERIAL SIMILAR AS WEAVED ROP IN KHATLA
- IF HAS SOME ELASTICITY UPTO SOME EXTENT
- IT IS GOOD IN TENSION BUT NOT GOOD IN COMPRESSION.
- IT CAN TAKE UP ANY FROM
- IT IS THE PART OF THE PALM TREE.
- IF IT IS SO MANY COMES TOGETHER INCREASE STRENGTH.
- FRAME STRUCTURE
- IT IS STIFF BECAUSE OF FRAME STRUCTURE.
- IT CAN BE USED FOR BIRD NEST.
- EASY TO BEND , SHEAR AND TWIST





PLAN AND SECTION

SWATI COMPLEX



CIRCULATION

SWATI COMPLEX

GRID ORGANIZATION

GROUND FLOOR PLAN

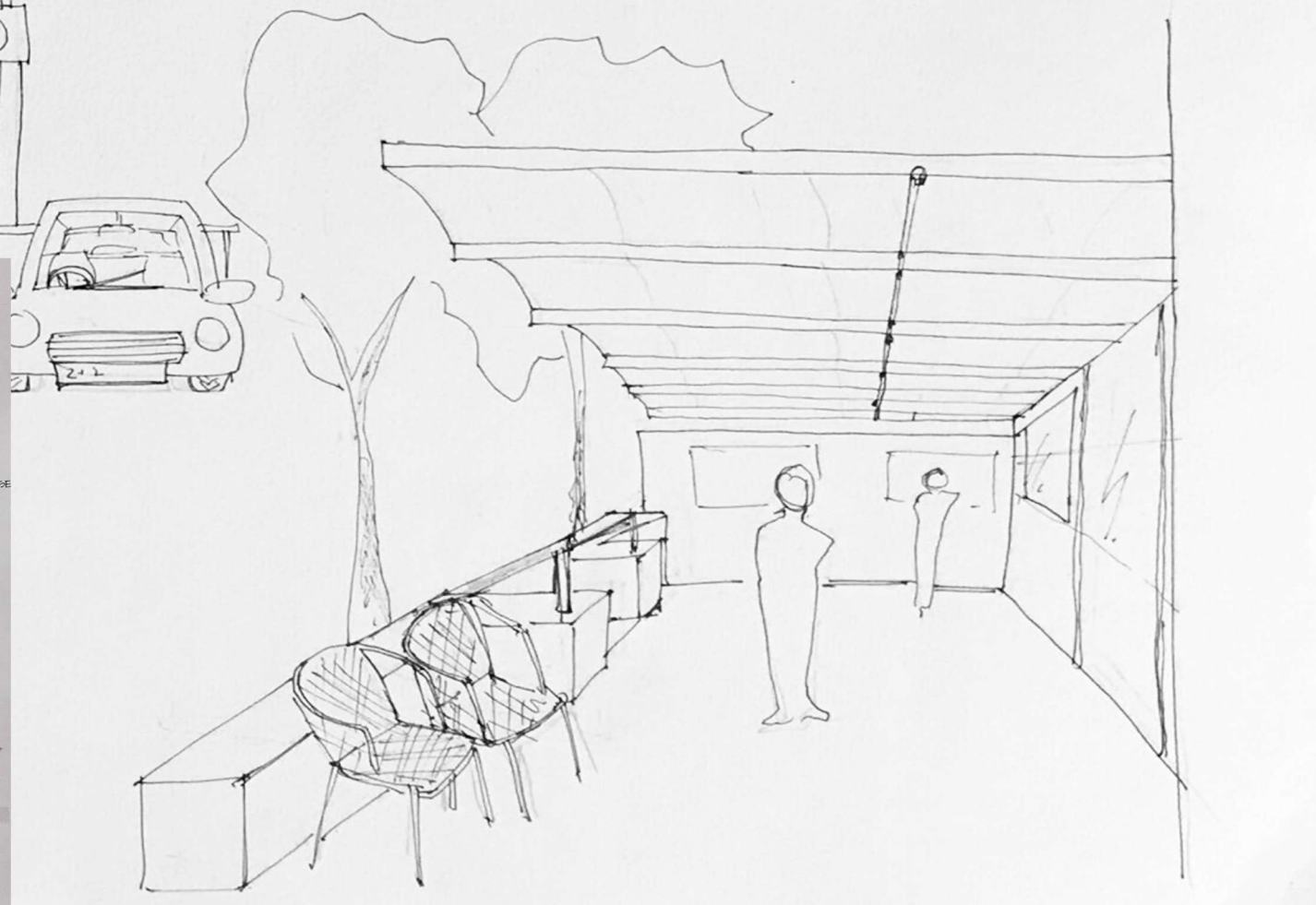
ENTRY

ELEVATION

CIRCULATION STAIRCASE

LIFT

SCALE 1:100



SWATI COMPLEX

MATERIAL

CORRUGATED METAL PANEL:

1 MM THICK METAL PANEL
SPONGE

SPACE-FRAME STEEL MEMBER:

- PRIMARY: 9 CM x 14 CM
- SECONDARY: 8 CM x 10 CM

FLOOR:

- CONCRETE: 15 CM THICK SLAB
- KOTA STONE: 60 X 60 CM
- TILE: 30 X 30 CM

STAIRCASE:

STEEL COLUMN:

5MM PLATE
SECTION
PLAN
ALL DIM IN MM

SWATI COMPLEX

DETAIL JOINARY OF FRAME TO COLUMN

MODULE

1200 x 700
300 X 300 STEEL COLUMN

REPEATED MODULE

PRIMARY MEMBER: 70x70
SECONDARY MEMBER: 50x50

SWATI COMPLEX

CANTILIVER ROOF: (ENTRANCE)

WELDED

SWATI COMPLEX

STRUCTURAL SYSTEM

COLUMN SIZE = 30 CM X 30 CM
COLUMN BASE (PLATE) SIZE = 50 CM X 30 CM

JOINERY OF STEEL SHEET WITH MAIN STRUCTURE

I SECTION REST ON THE WALL

SWATI COMPLEX

SECTION

20 CM THICK CONCRETE SLAB
3 X 3 CM SPACE FRAME MEMBER
5MM THICK TUFFEN GLASS
30 X 30 CM STEEL COLUMN
1 BRICK THICK WALL

4 X 3 CM STEEL MEMBER
1 BRICK THICK WALL
100MM THICK RCC SLAB

SCALE - 1:100

RCC-

- CONCRETE IS Poured ON THE REINFORCEMENT FOLLOWED BY ITS CONSISTENT CURING

COLUMN-BEAM

- COLUMNS ARE FIXED IN THE RCC BY FIXING THEM TO METAL PLATES BY BOLTS.
- COLUMN-BEAM JOINERY BY BOLTS.

ROOFING

- THE TOP LAYER IS OF STEEL SHEET, FOLLOWED BY INSULATION PANEL
- THE NEXT LAYER IS OF ALUMINIUM FOIL.
- NEXT LAYER - METAL JALI (PEB) STRUCTURE

ALUMINIUM FOIL LAYER.

SUSPENSIONS

- LIGHTS AND FANS ARE SUSPENDED FROM THE METAL MEMBERS THROUGH WIRES.

DECATHLON

SECTION

PLAN

SCALE - 1:100

DECATHLON

STRUCTURE MEMBER

DECATHLON

KEY PLAN

ORGANISATION

- GRID ORGANIZATION
- SPATIAL GRID

PLAN

SCALE 1:100

CIRCULATION

AS WE ENTER THE DECATHLON, IT HAS TWO SETS OF PARKING, ONE FOR TWO WHEELER AND OTHER FOR FOUR WHEELER.

THE ENTRANCE CONSTITUTES THE PLAY AREA. THERE IS ONE PATH FOR ENTRY AND EXIT.

THE BILLING COUNTER IS NEAR TO THE ENTRY GATE.

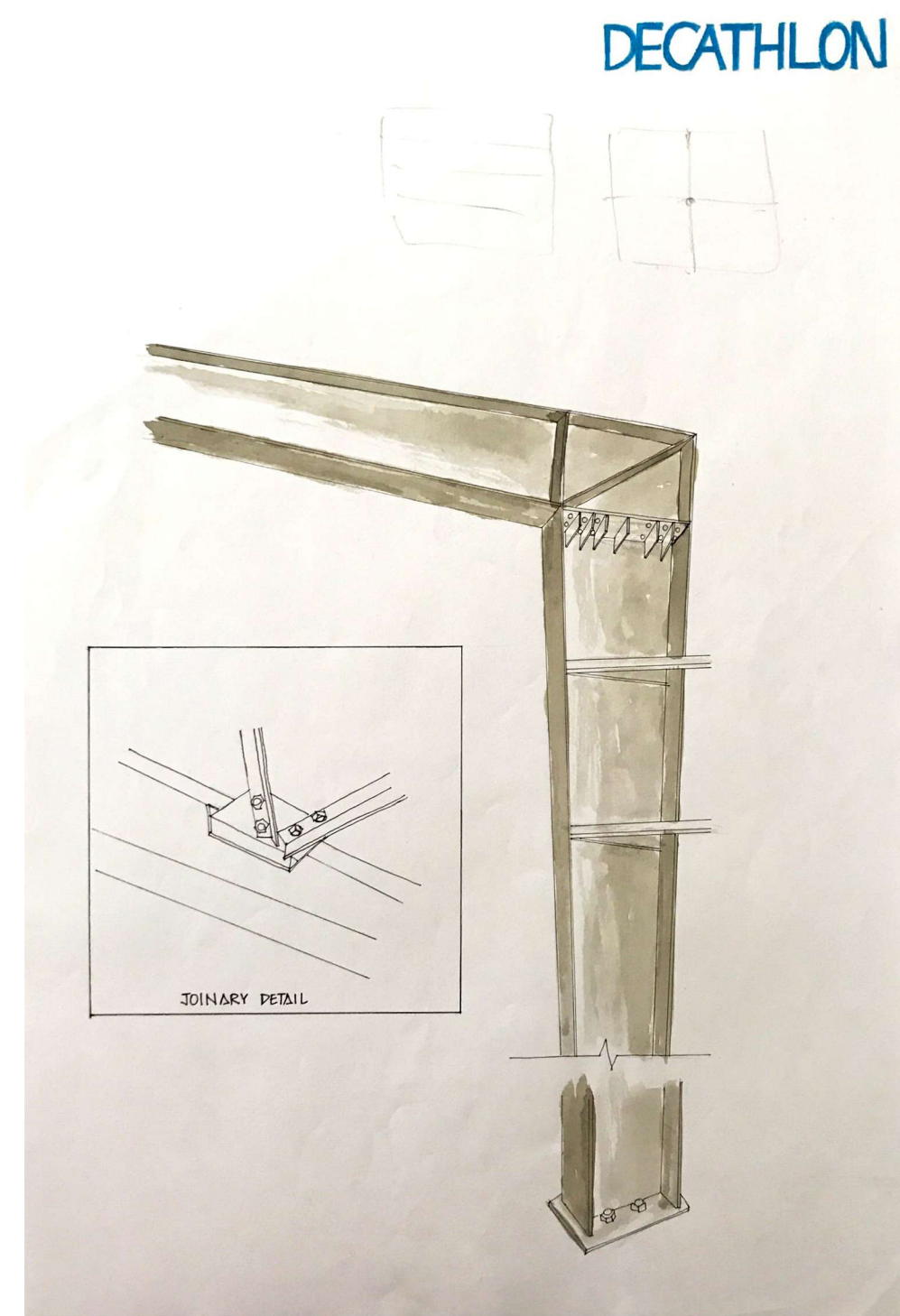
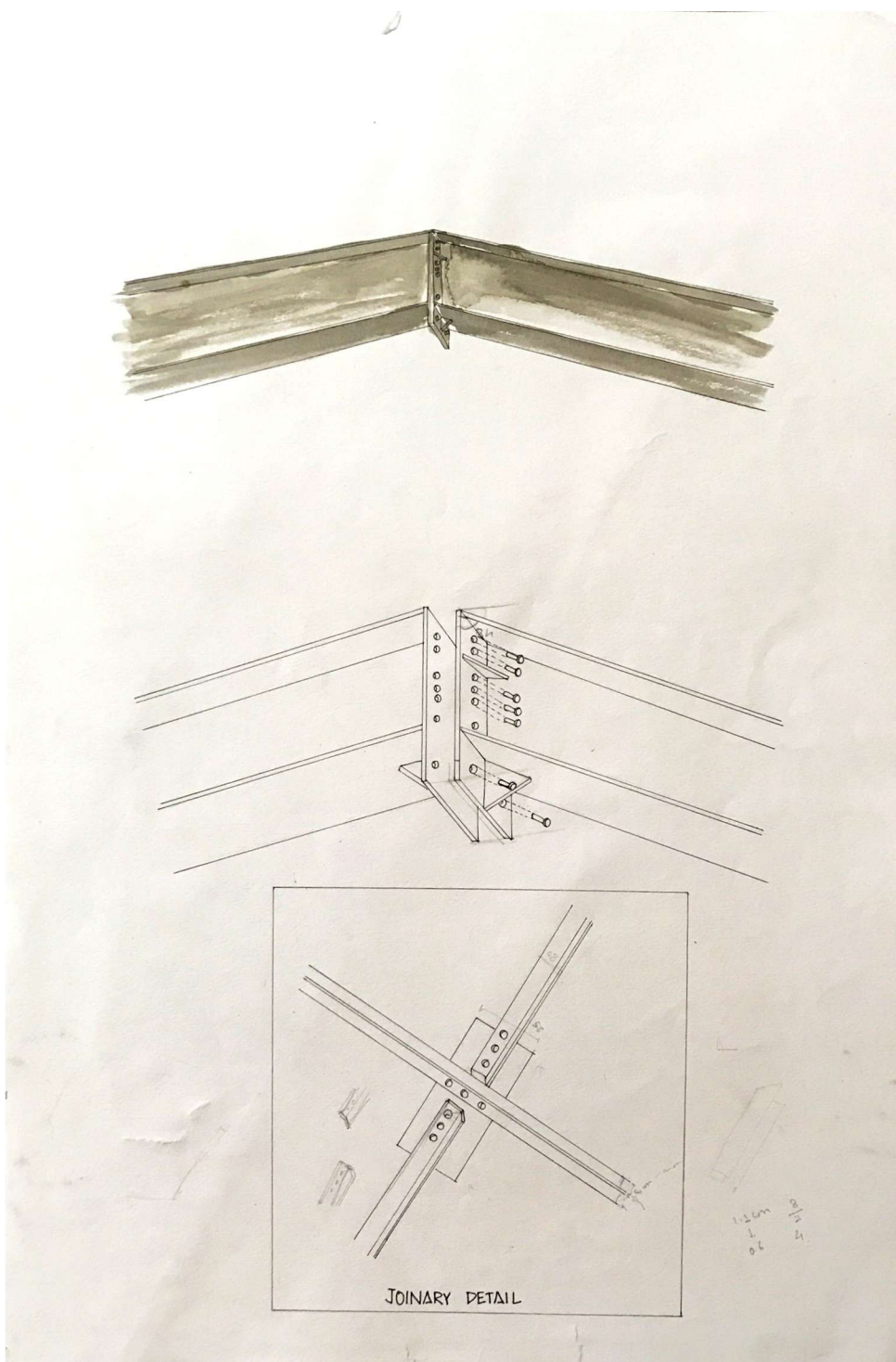
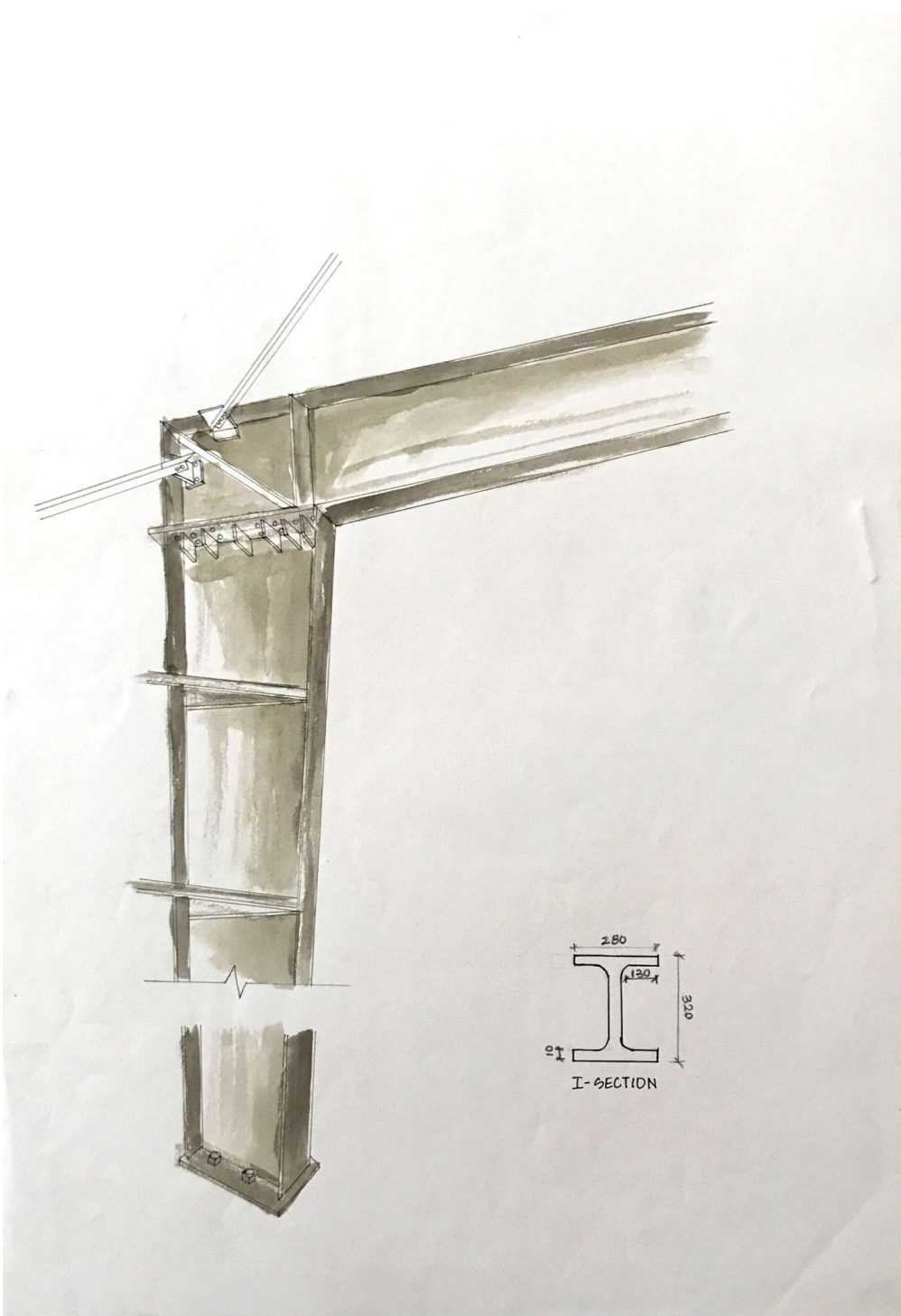
LOAD TRANSFER

MASSING

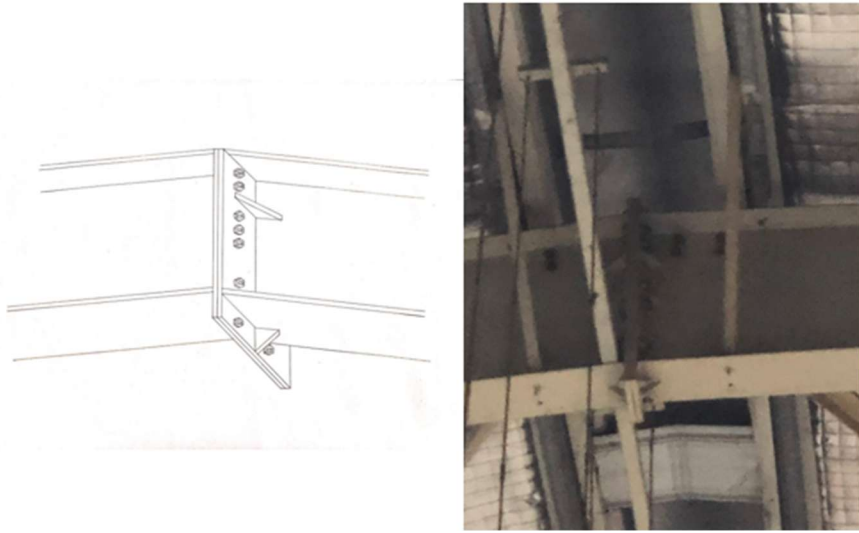
EXPLAINS ABOUT THREE DIMENSIONAL CONFIGURATION OF A BUILDING

GIVES THE IDEA OF THE VOLUME OF THE SPACE

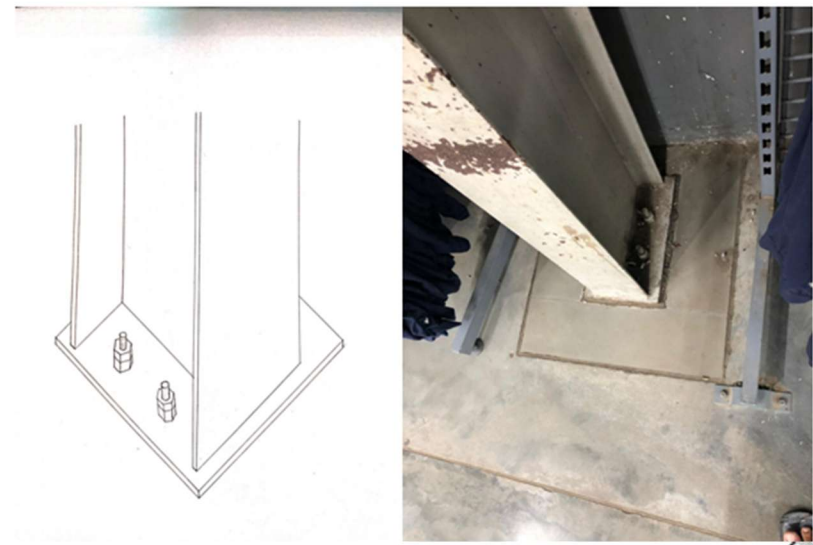
DECATHLON



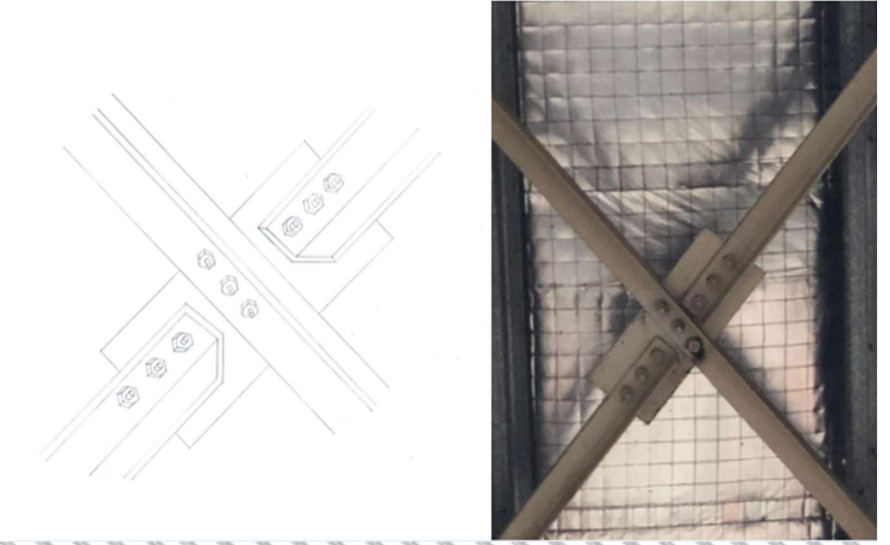
JOINTS THROUGH BOLTS



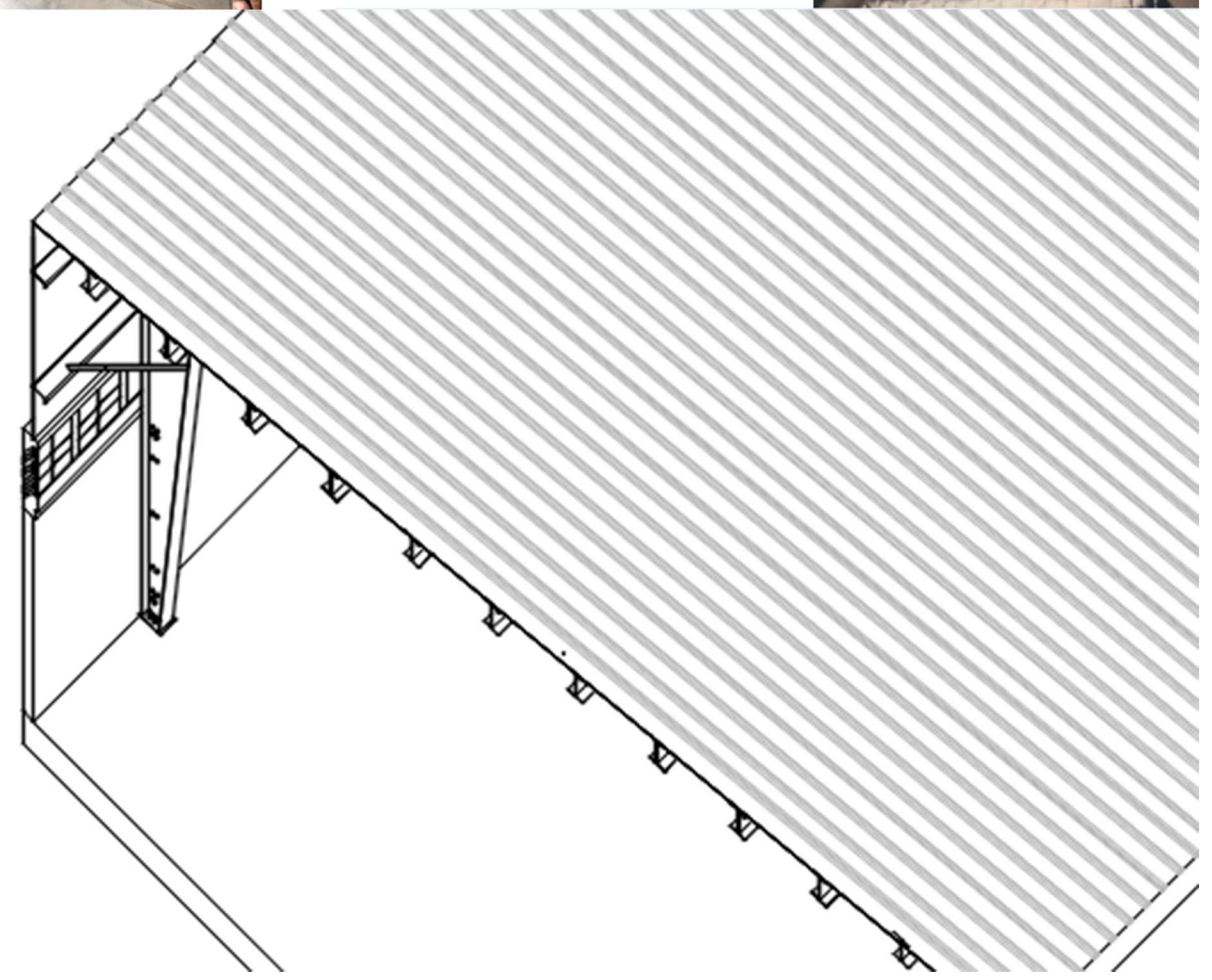
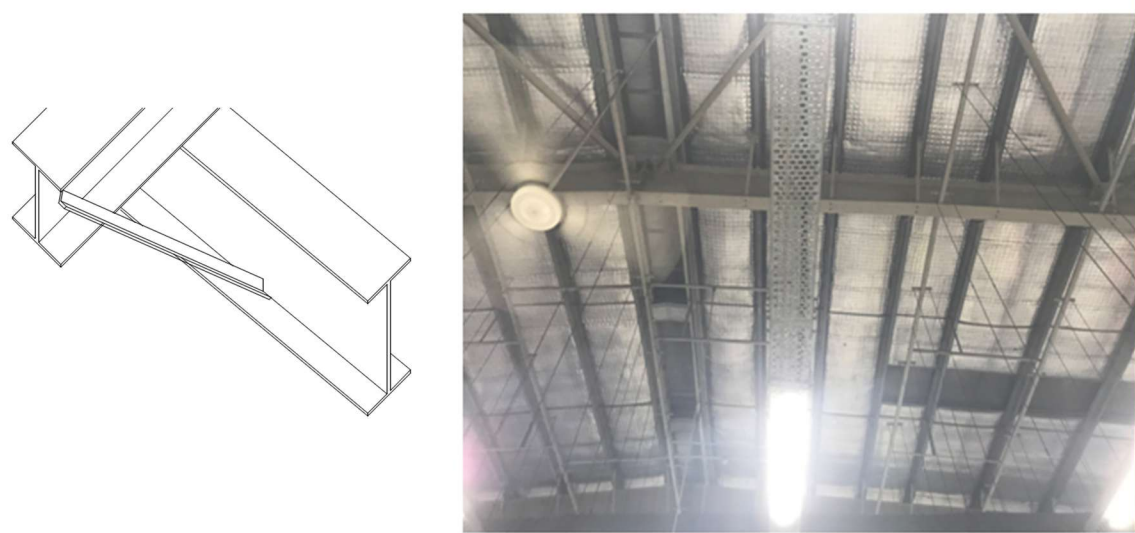
DETAIL OF BOTTOM OF COLUMN



CROSS BRACING



ROOF JOINERY



Concept Note:

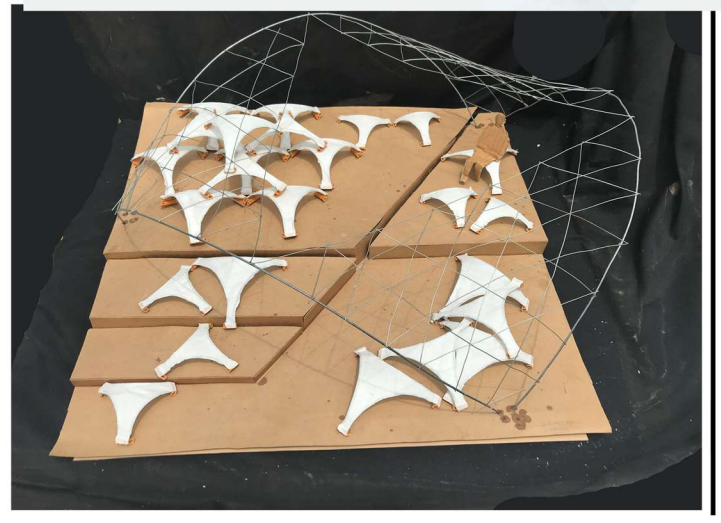
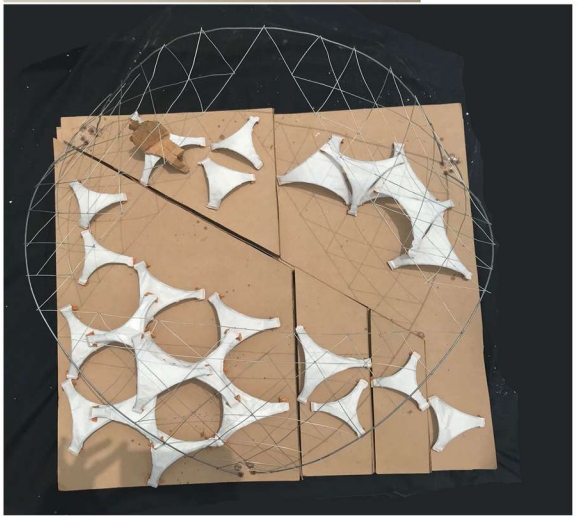
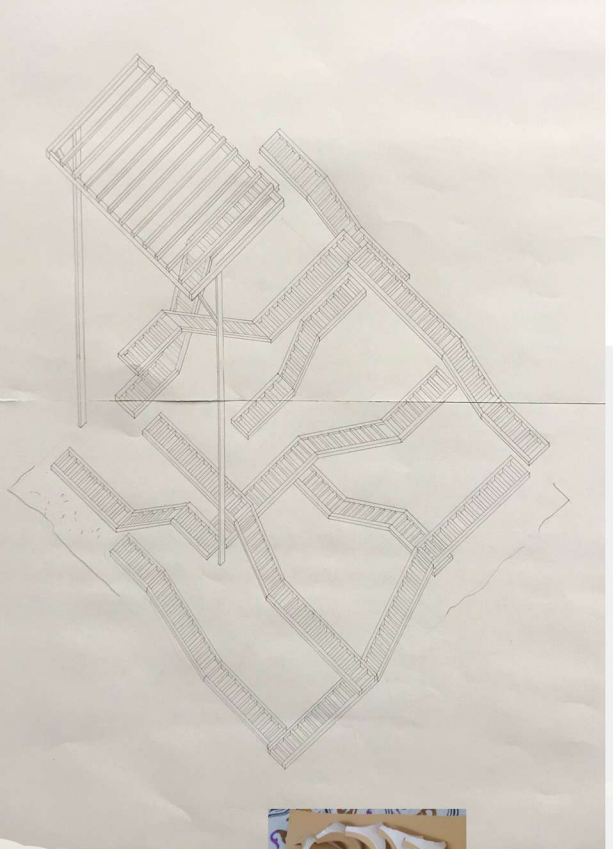
OVERGROUND:

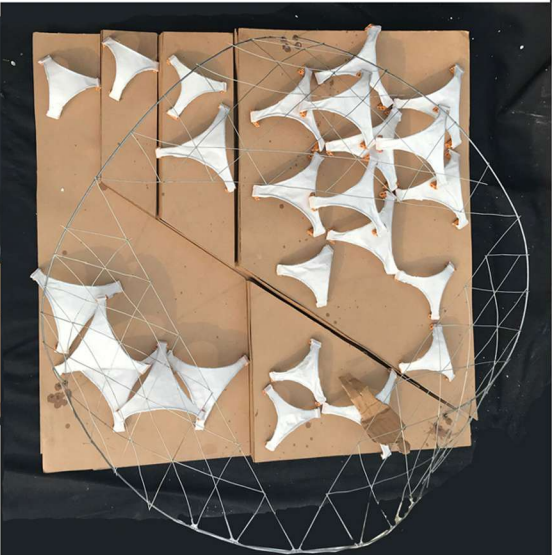
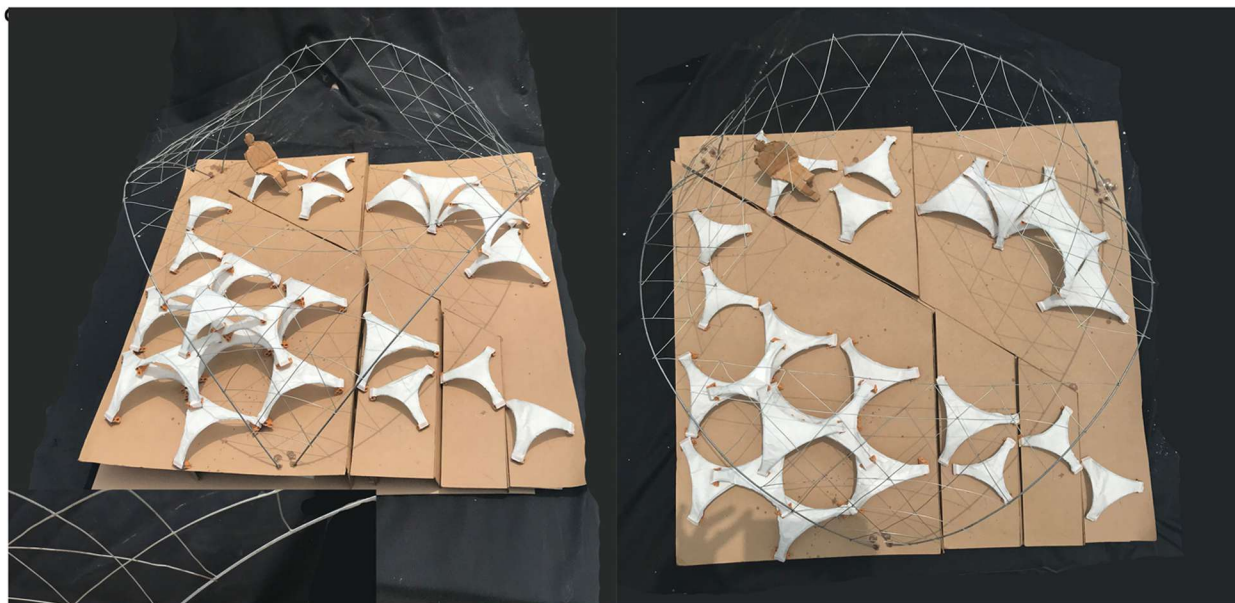
The model of over ground is made up of steel round bar and sitting is made of perforated sheet and the space creates some experience and it is one type of sitting space. ground is modulated through steps and generates some new experience of levels. roof is huge made up of steel round bar and the shadow of it creates some experience over sitting. this space is one kind of sitting.

UNDERGROUND:

The underground model is one kind of play area space created in a way so that the levels created generates some experience of height difference . it is made up of steel box section . spaces like playing , sitting , moving through levels generates some experience.

UNDERGROUND:

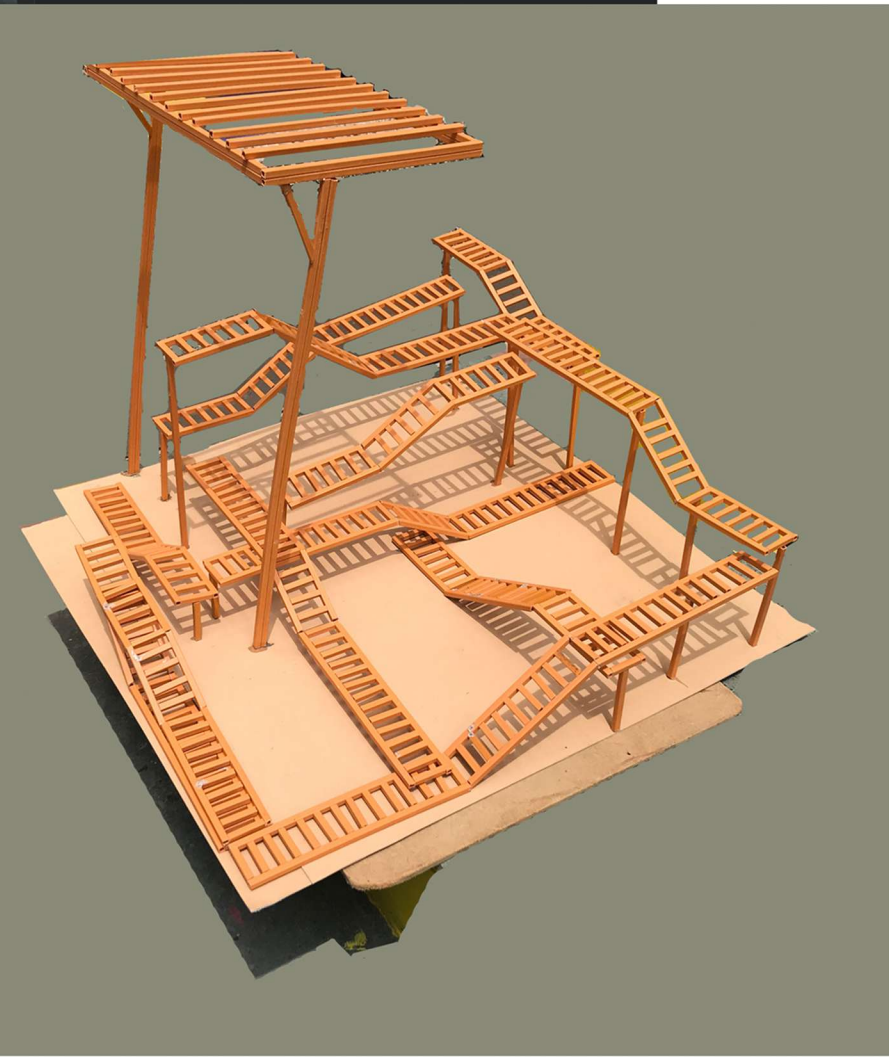




AT 4 P.M.

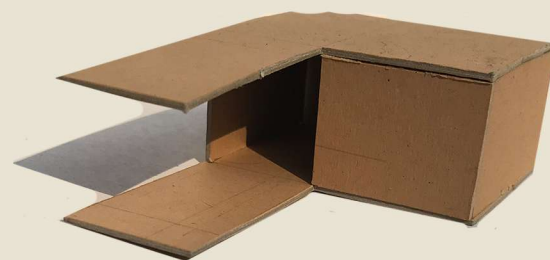
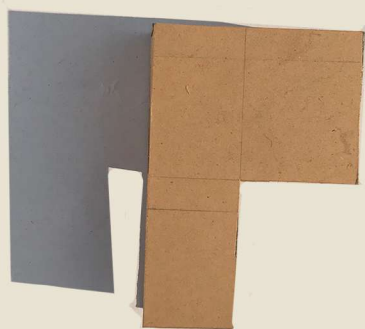


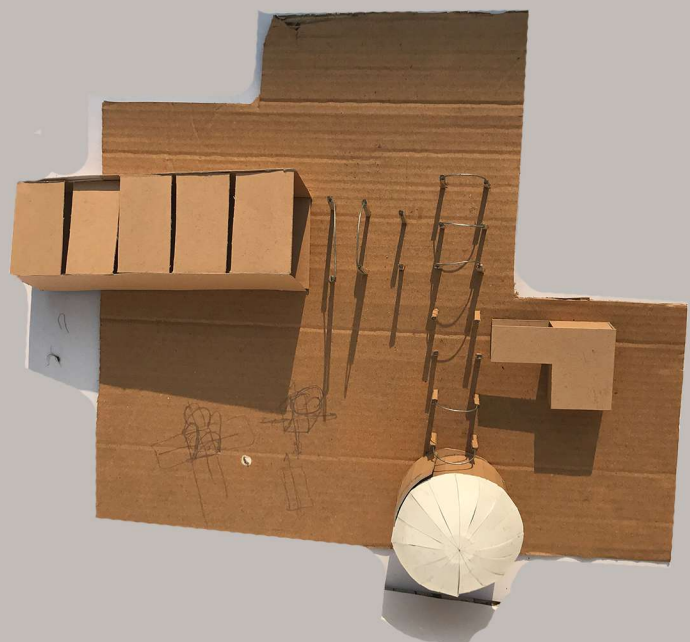
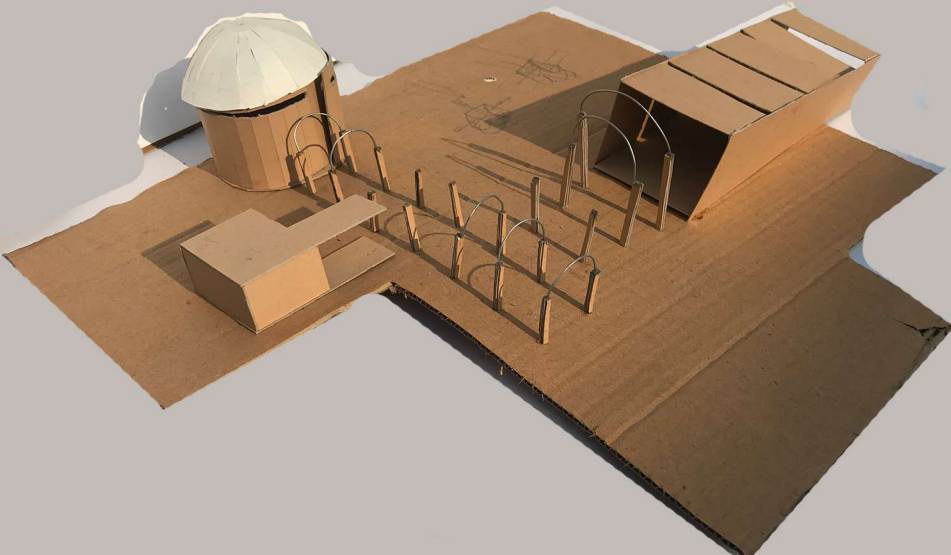
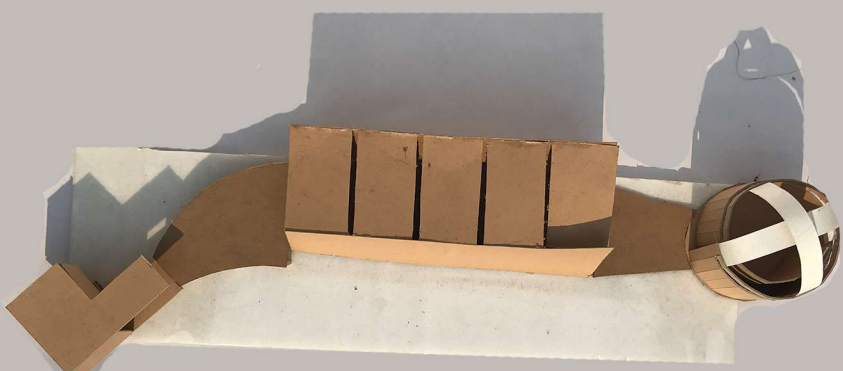
AT 12 P.M.



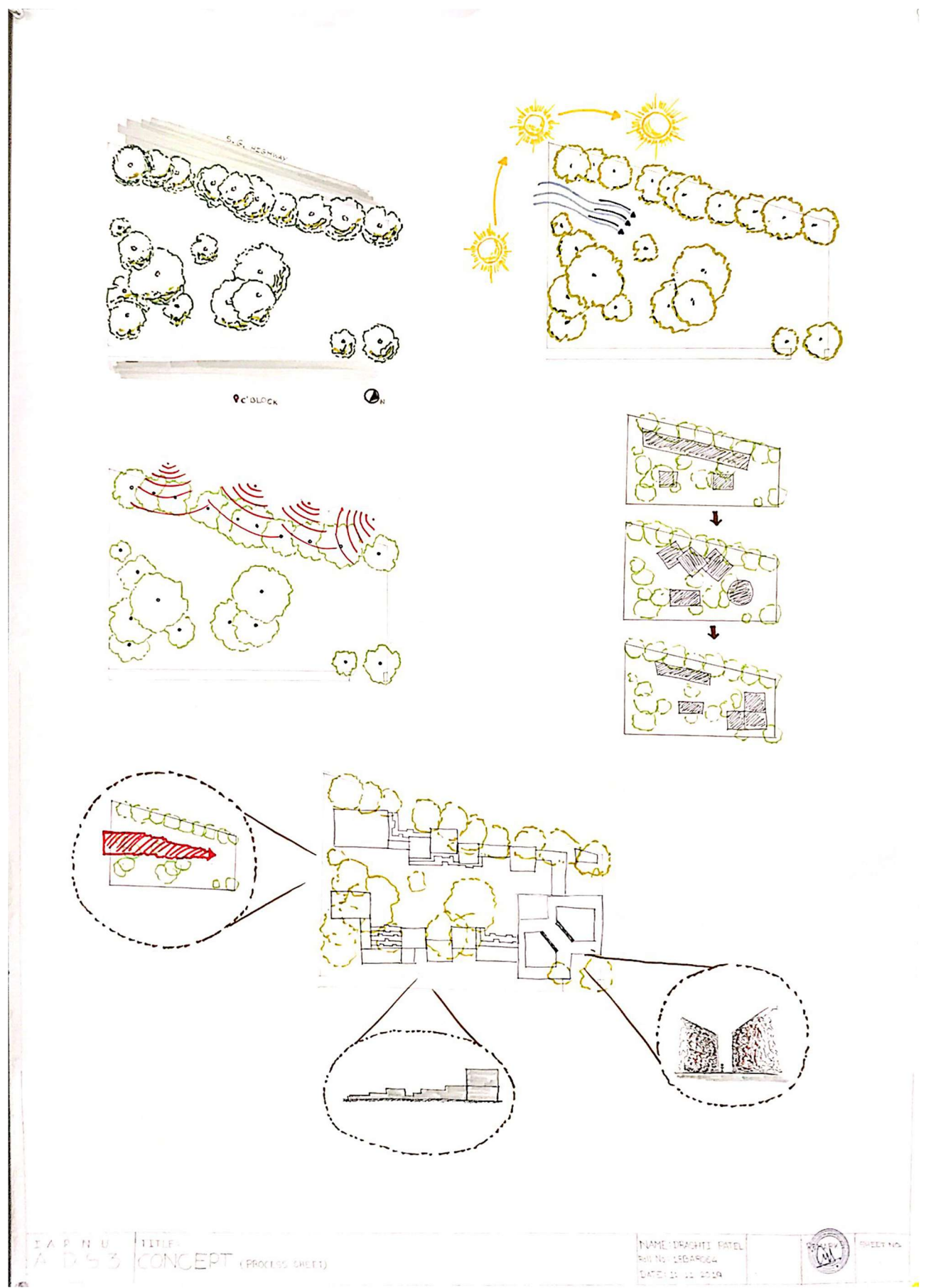


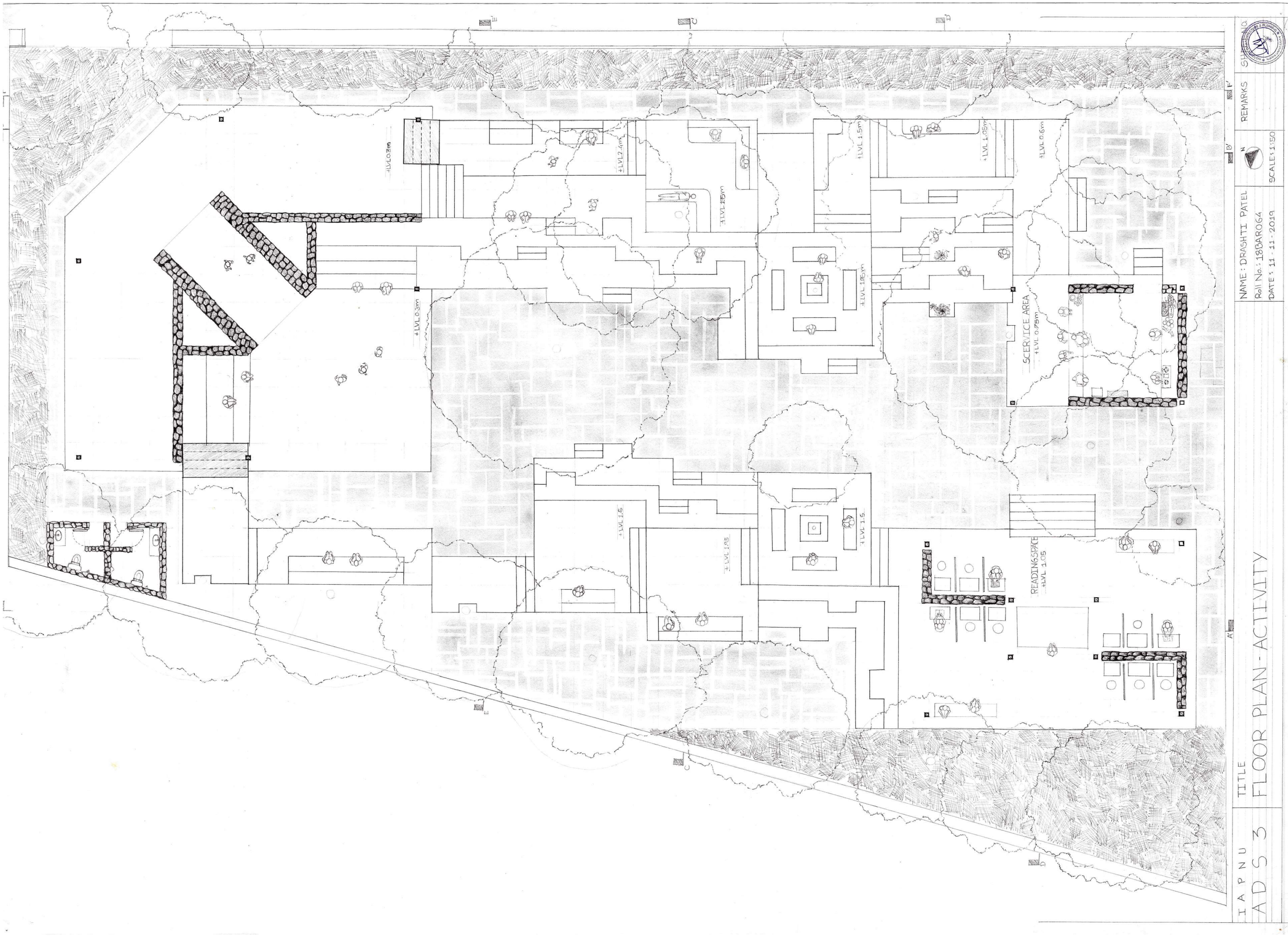
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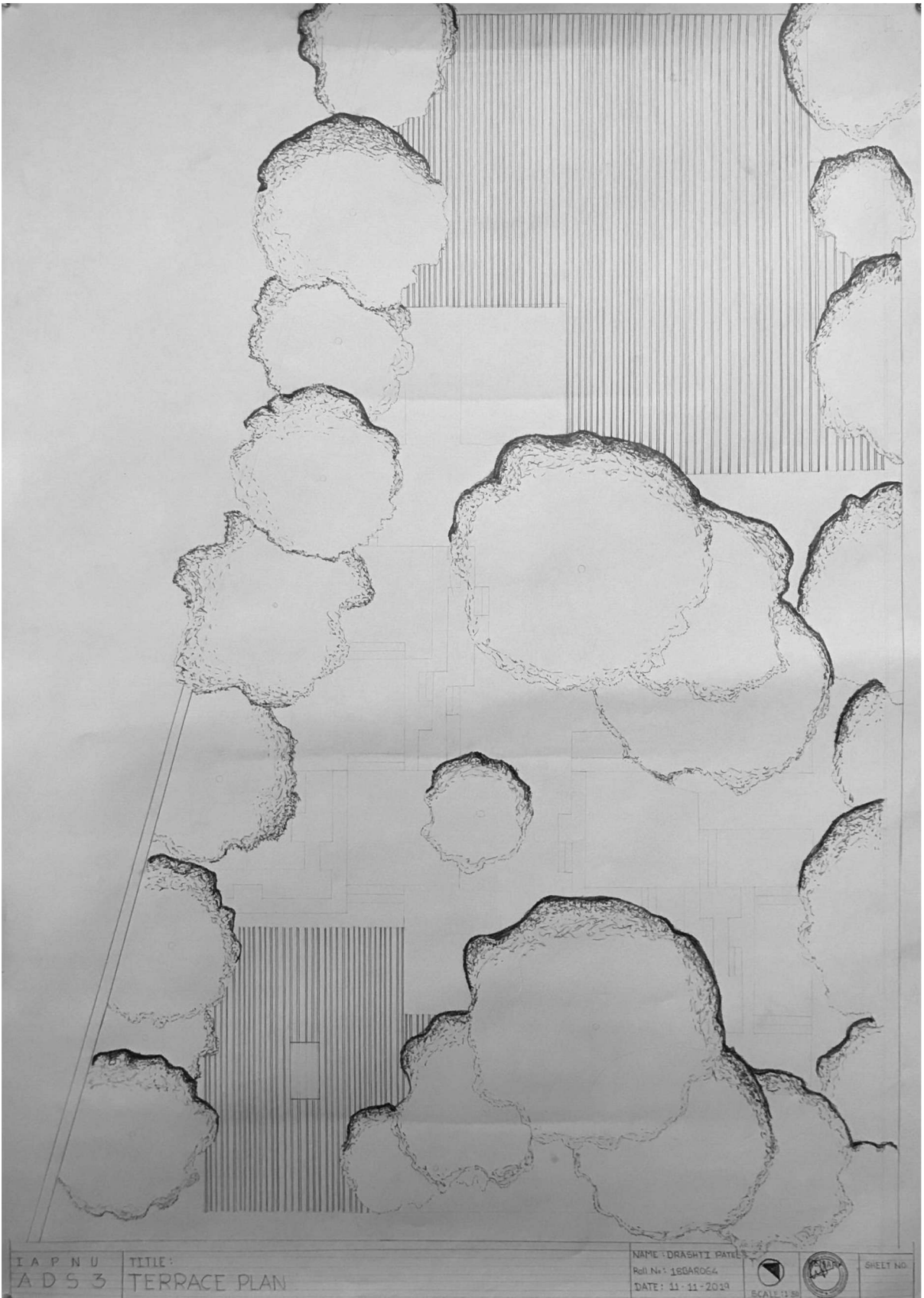
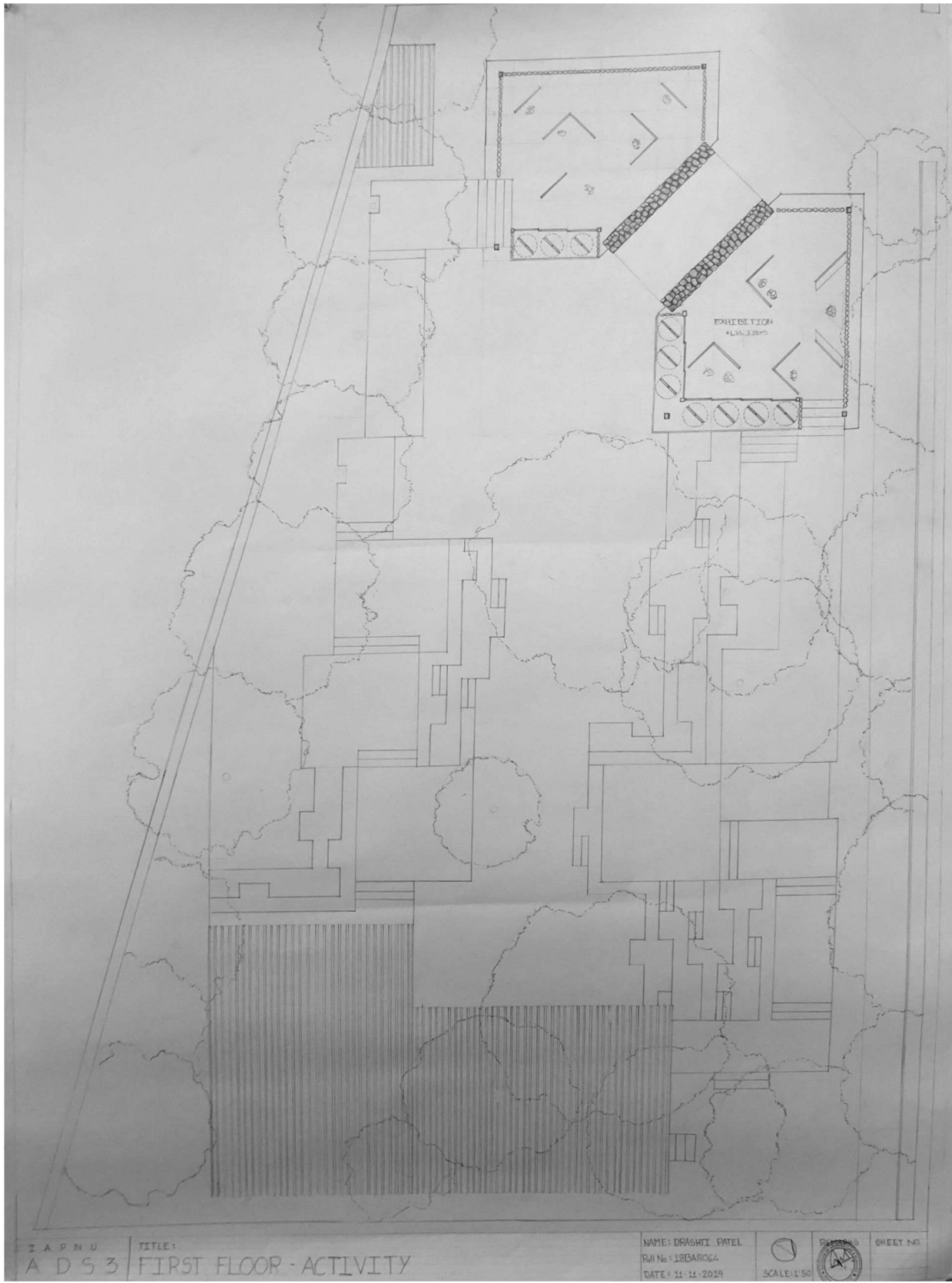


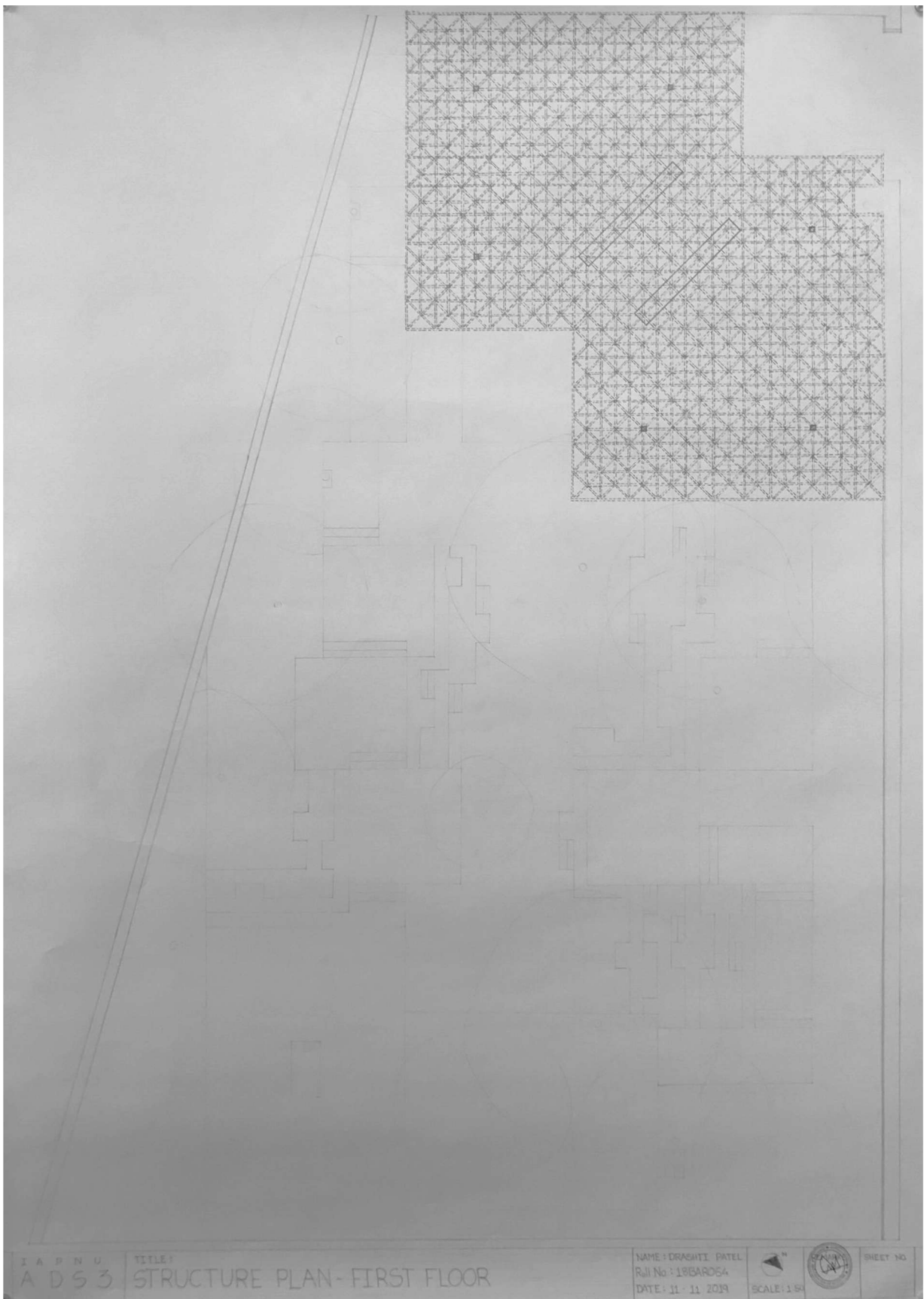
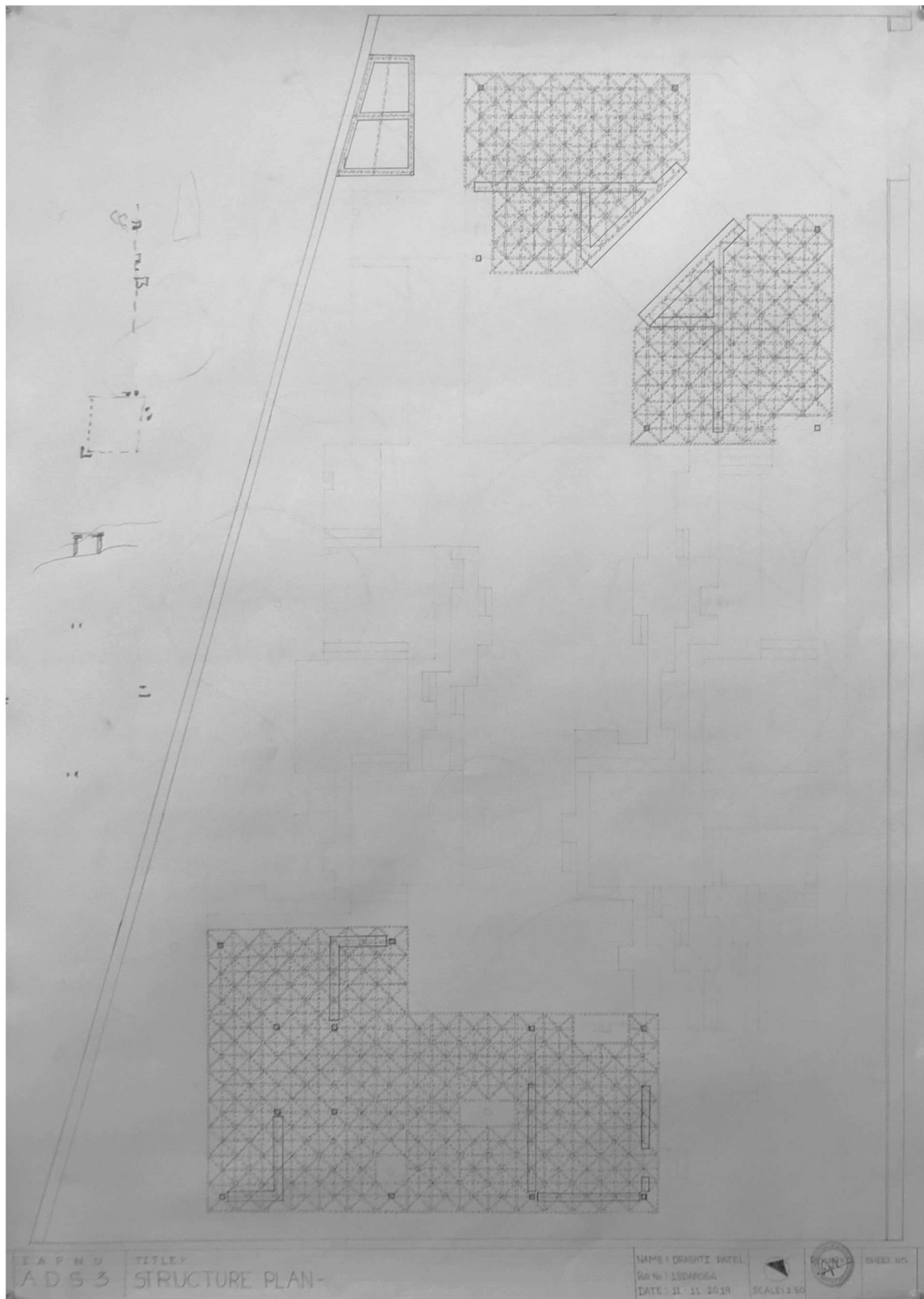
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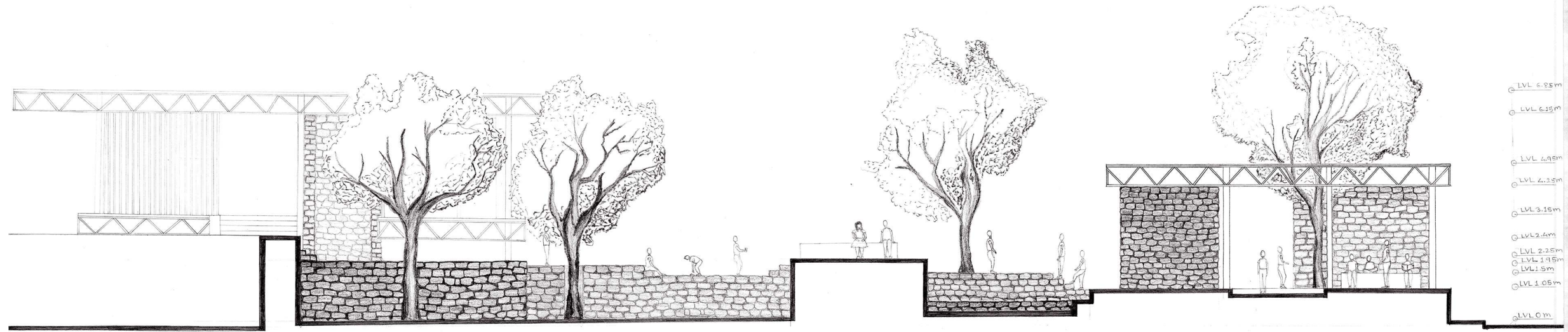




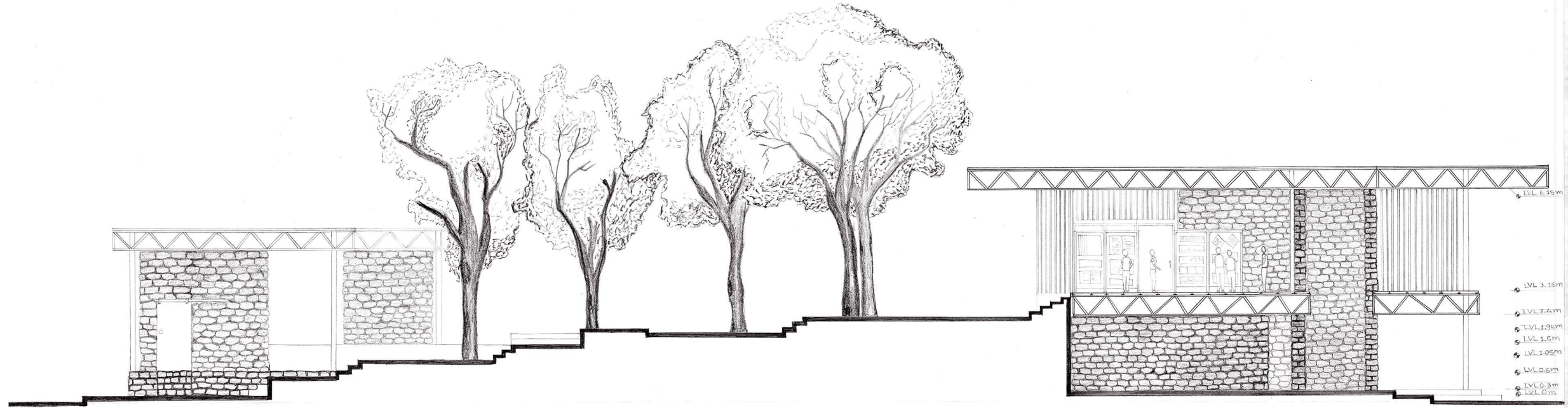
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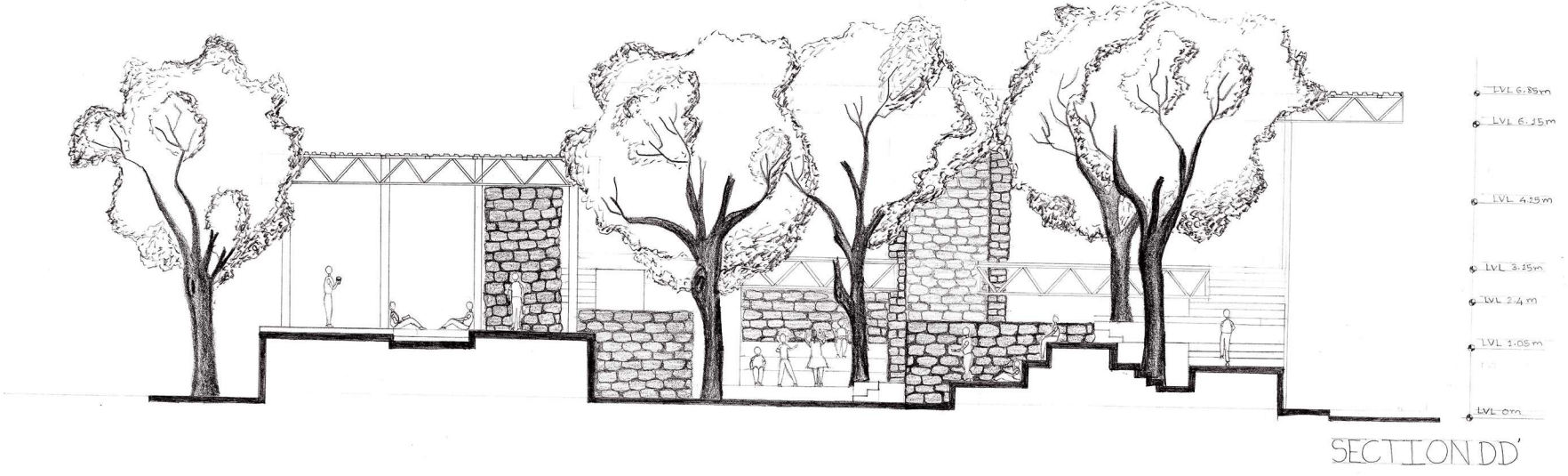
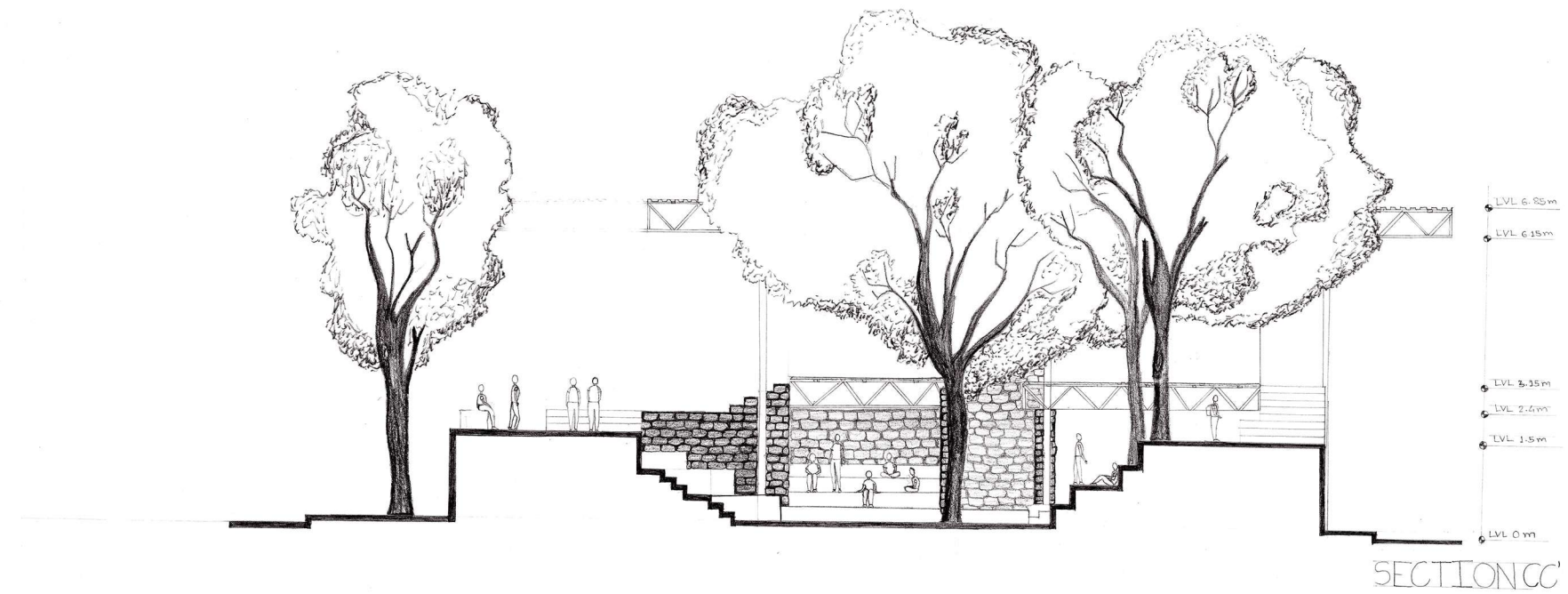


SECTION AA'

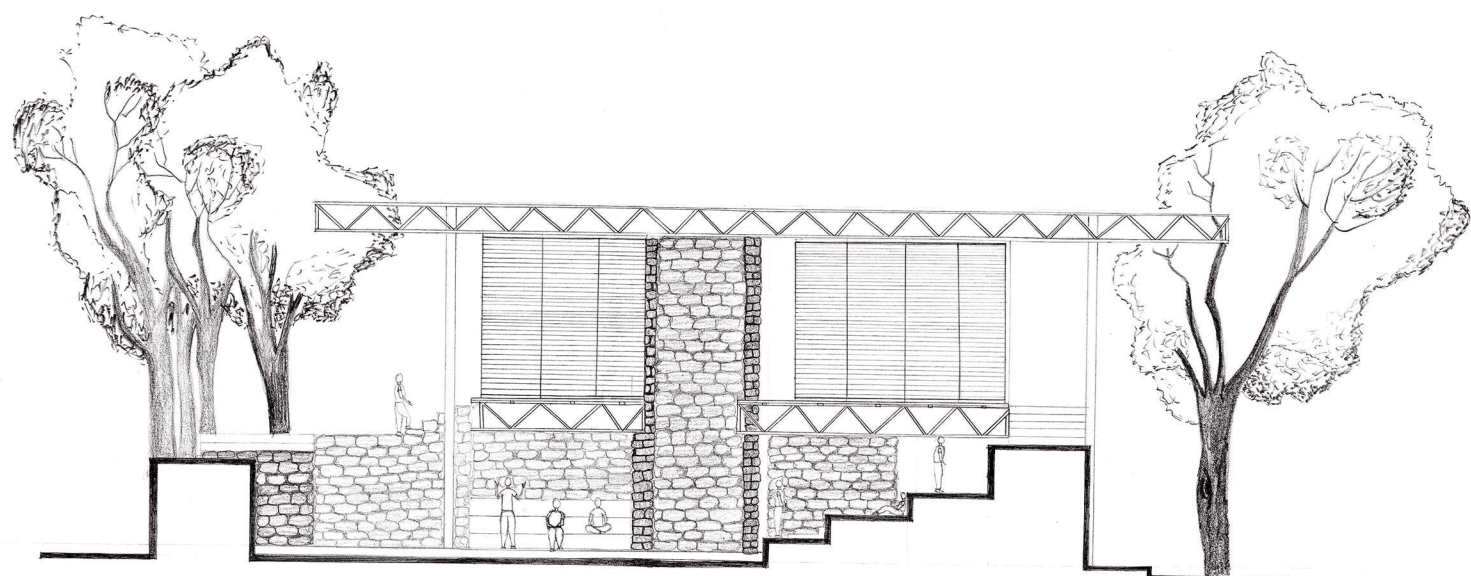


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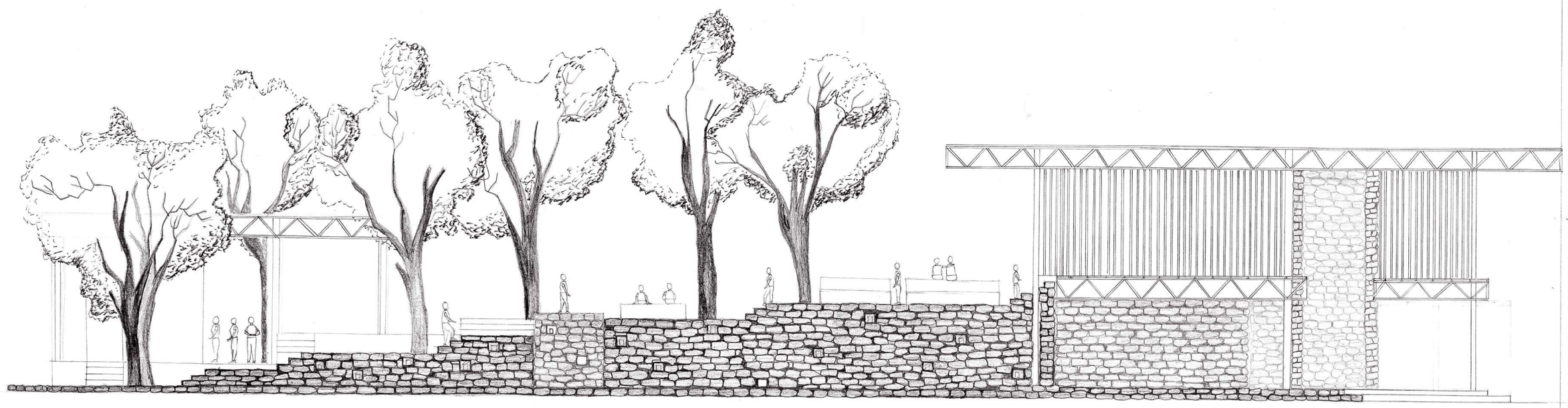
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I A P N U	TITLE:	NAME: DRASHTI PATEL	REVISIONS	SHEET NO.
A D S 3	SECTION	ROLL NO.: 18BAR064		
		DATE: 11-11-2019	SCALE: 1:50	

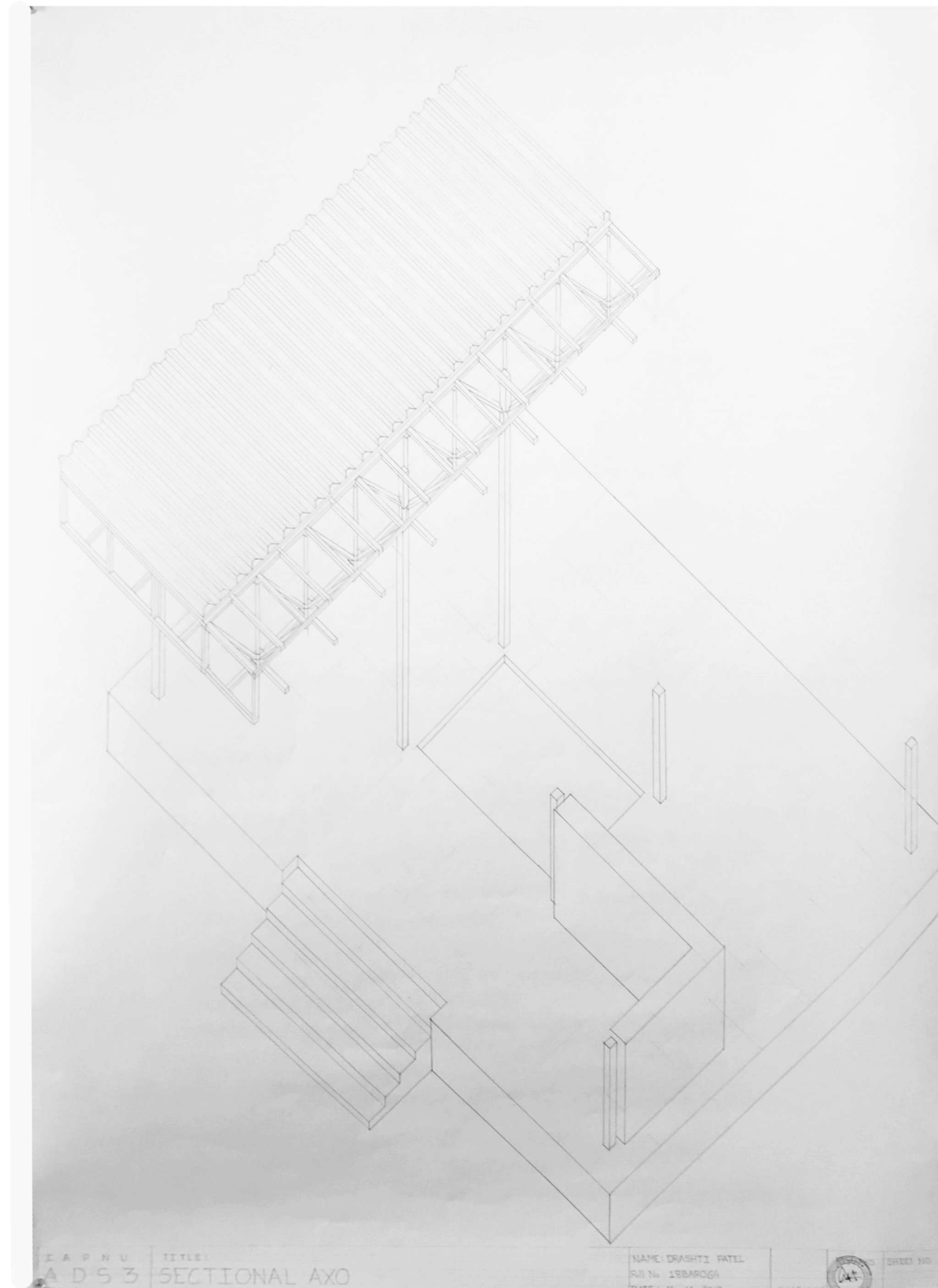


ELEVATION EE'



ELEVATION FF'

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18BAR.064.....:

SECTIONAL AXO 19



18BAR.064.:.....:

