

STUDENT 'S WORK

**ACADEMIC YEAR
2019-2020**

First Year B.Arch.

TO

Fifth Year B.Arch.

BRAIN STORMING

BASIC DESIGN

IMAGINATION TO REALITY

CONCEPT

TEXTURE

FORM

SPACE

LINE

SHAPE

COLOR

VALUE

TONE

TEMPER

MATERIAL

FUNCTION

STRUCTURE

RHYTHM

BALANCE

HARMONY

UNITY

VARIETY

EMPHASIS

CONTRAST

SCALE

PROPORTION

PATTERN

REPEITION

CHECK	SIGN.	DATE	SINHGAD COLLEGE OF ARCHITECTURE, PUNE	STAMP
			Name: SUDHABHI P. TANWAR College: S.A.C. PUNE Year: 2019-2020 Roll No: 22	

COLOUR WHEEL - 2

CHECK	SIGN.	DATE	SINHGAD COLLEGE OF ARCHITECTURE, PUNE	STAMP
			Name: ANJALI ANAGADI College: S.A.C. PUNE Year: 2019-2020 Roll No: 22	

SINHGAD COLLEGE OF ARCHITECTURE

INTERNAL Ex. External Ex. STAMP

NAME: SANTANA GAMESHWAR USALE

EX: B.A. ARCH. DIV-D ROLL NO: 22

CS WORKSHOP PARTIAL WORK

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			Name: SANTANA GAMESHWAR USALE College: S.A.C. PUNE Year: 2019-2020 Roll No: 22	

COLOUR WHEEL

PRIMARY COLOURS : RED (R), YELLOW (Y), BLUE (B)

SECONDARY COLOURS : R+Y = ORANGE, Y+B = GREEN, R+B = VIOLET

TERTIARY COLOURS : R+ORANGE = RED ORANGE, Y+ORANGE = YELLOW ORANGE, Y+GREEN = YELLOW GREEN, BLUE+GREEN = BLUE GREEN, B+VIOLET = BLUE VIOLET, R+VIOLET = RED VIOLET

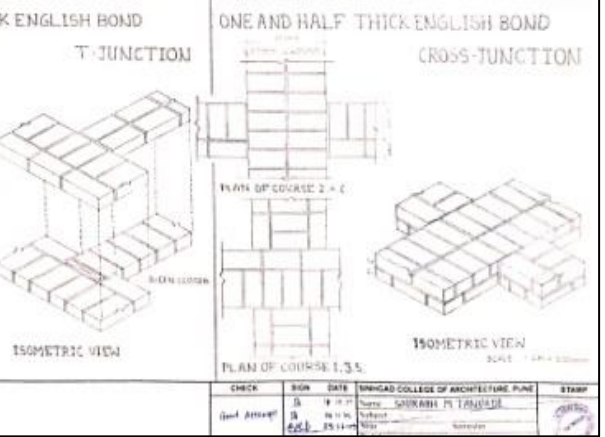
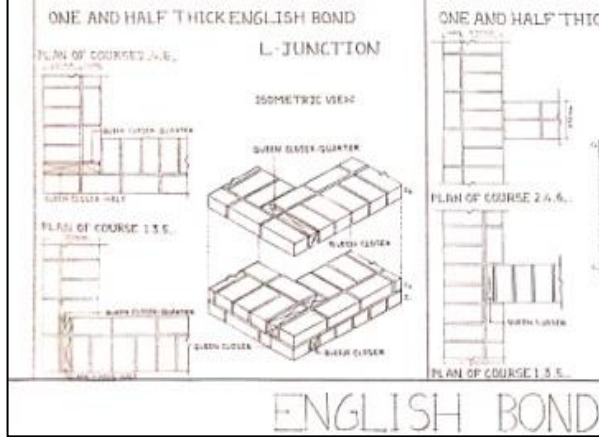
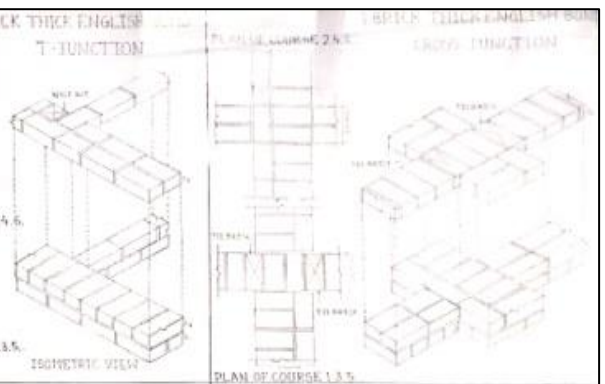
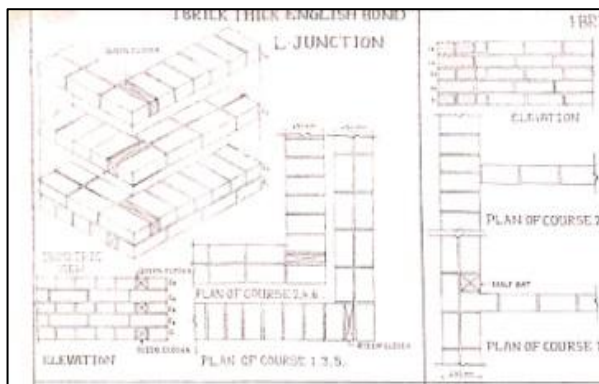
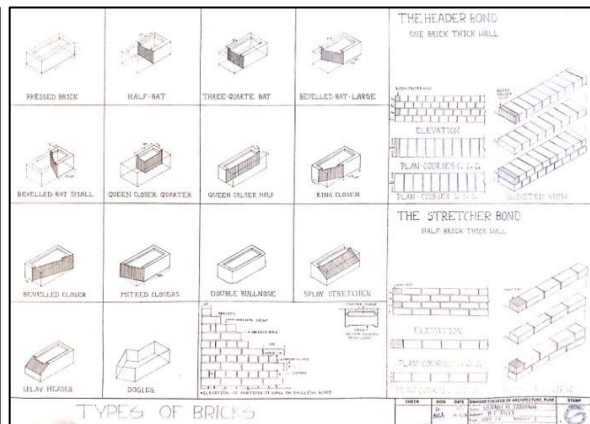
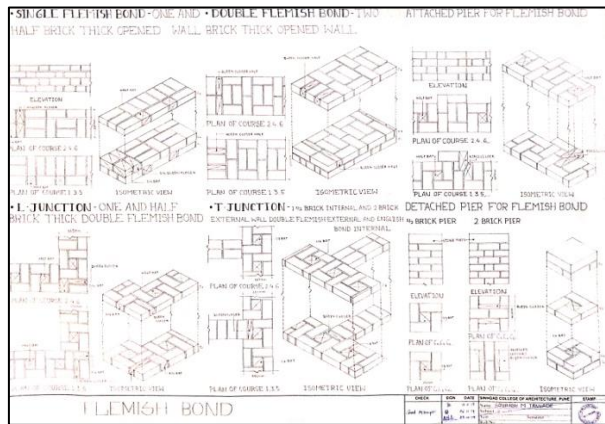
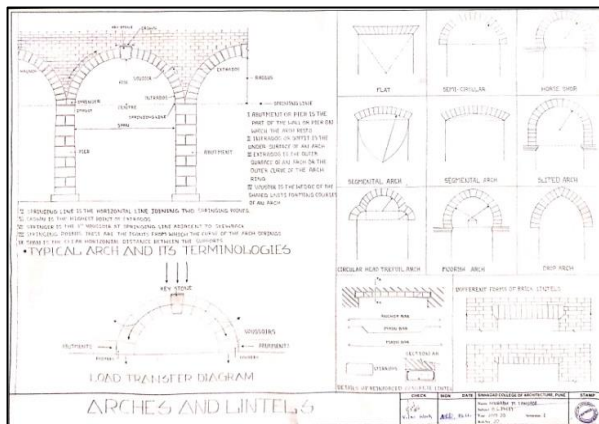
CHECK	SIGN.	DATE	SINHGAD COLLEGE OF ARCHITECTURE, PUNE	STAMP
			Name: MBUNAL B. SHIRKE Subject: B.D - I Year: 4 th YR 'D' Semester: I Roll No.: 09	

1st Year B.Arch

BASIC DESIGN

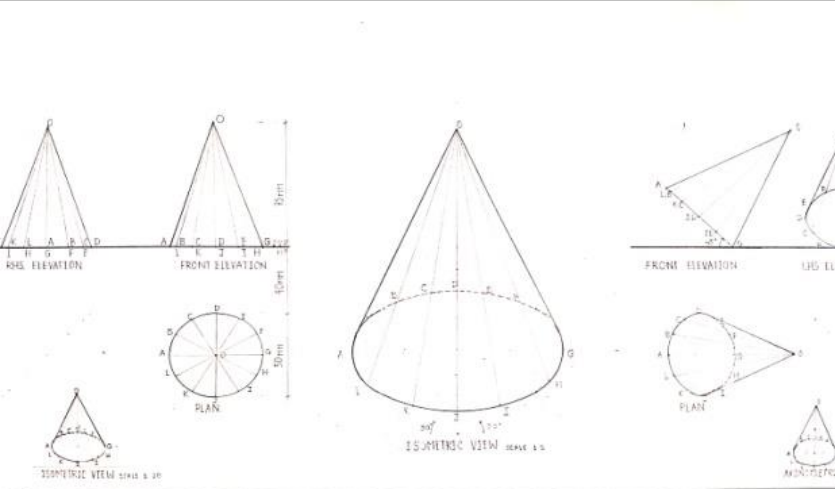
ACADEMIC YEAR 2019-20

Sinhgad College of Architecture, Pune

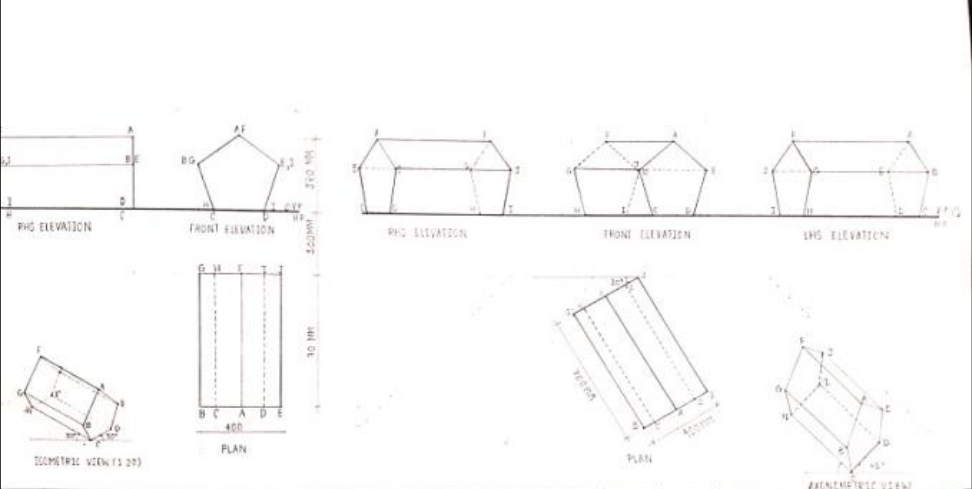


1st Year B.Arch

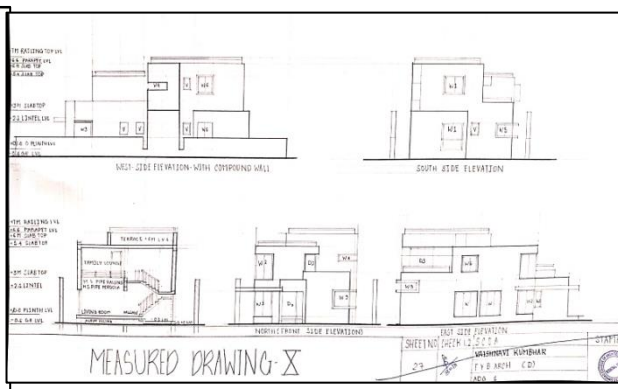
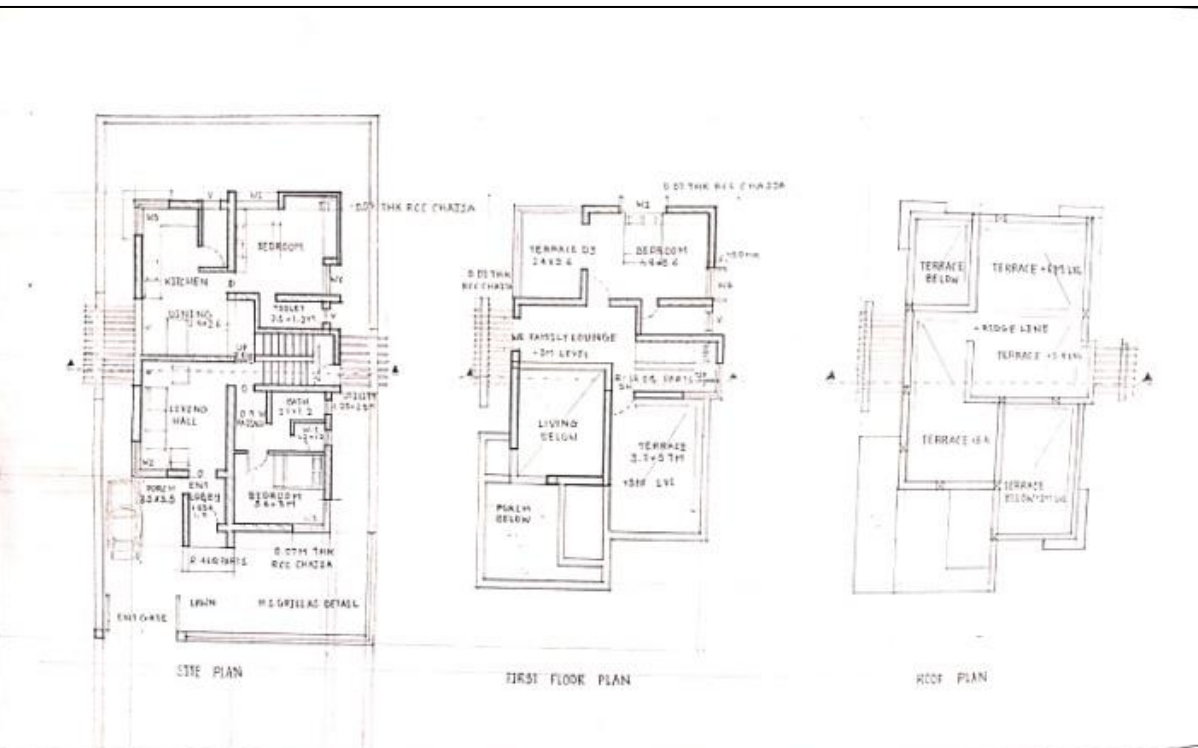
Building Construction and Materials



SHEET NO. 14
 CHECKED BY: [Signature]
 DATE: 25/08/19
 STUDENT NAME: YATISHNAVI KUMBHAR
 COURSE: T.Y.B. ARCH. DIV. D.



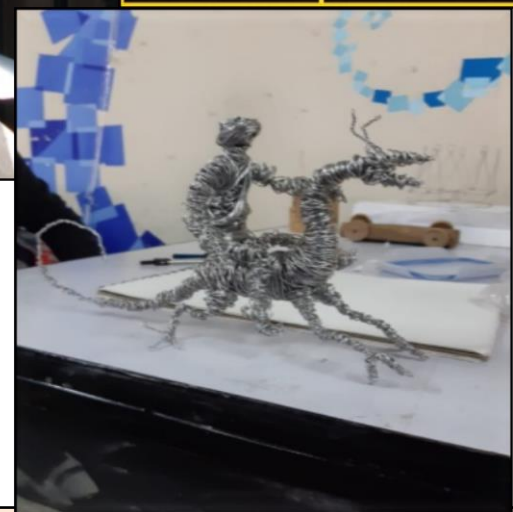
SHEET NO. 17
 CHECKED BY: [Signature]
 DATE: 25/08/19
 STUDENT NAME: YATISHNAVI KUMBHAR
 COURSE: T.Y.B. ARCH. DIV. D.



1st Year B.Arch
 Architectural drawing and Graphics

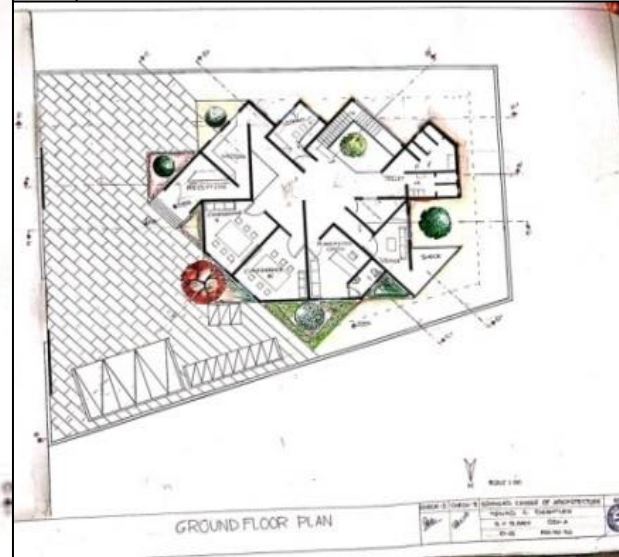
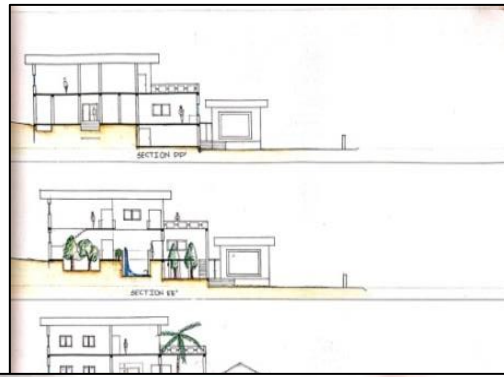
MEASURED DRAWING - XI

SHEET NO. 26
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 DATE: 25/08/19
 STUDENT NAME: YATISHNAVI KUMBHAR
 COURSE: T.Y.B. ARCH. DIV. D.



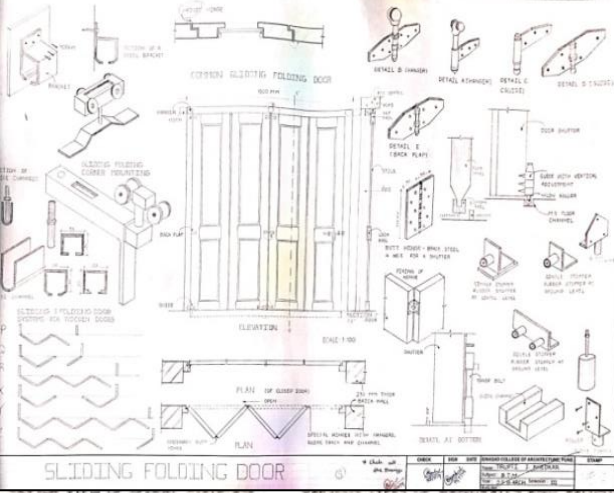
1st Year B.Arch
Workshop and Design Models

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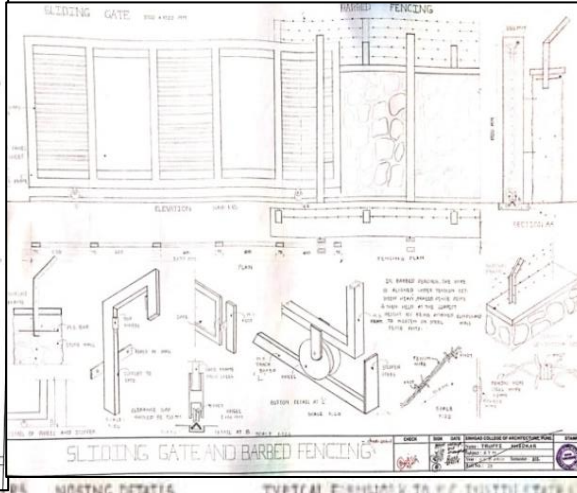


2nd Year B.Arch

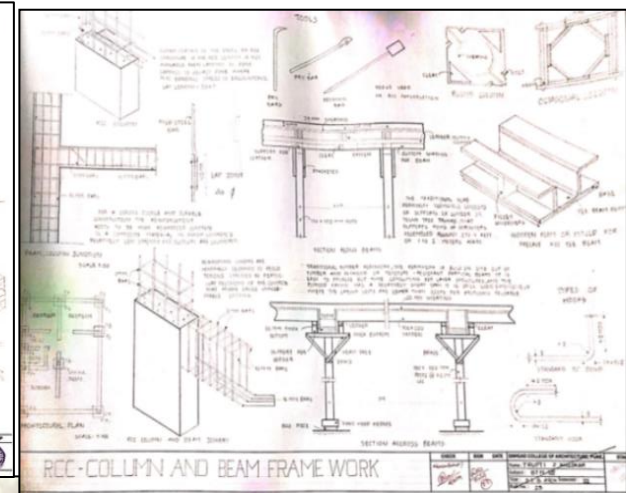
Design III



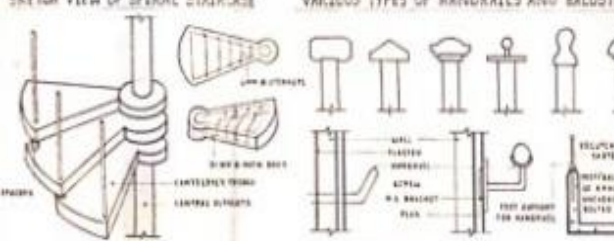
SLIDING FOLDING DOOR



SLIDING GATE AND BARBED FENCING



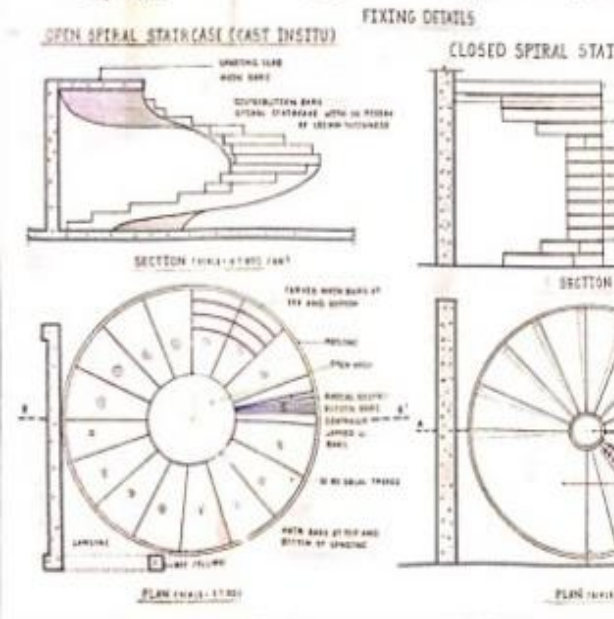
RCC COLUMN AND BEAM FRAME WORK



OPEN SPIRAL STAIRCASE (CAST INSITU)



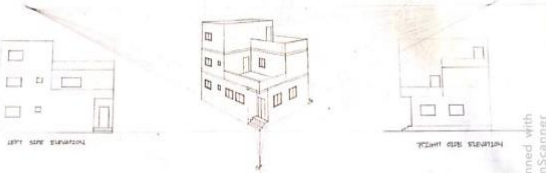
FIXING DETAILS TYPICAL FINISHWORK TO RCC INSITU STAIRS



CLOSED SPIRAL STAIRCASE

PRECAST RCC STAIRCASE

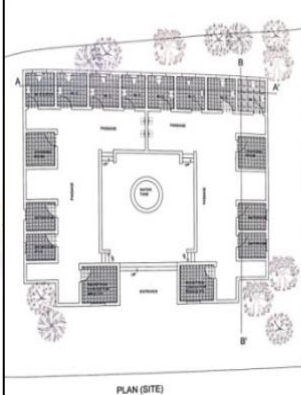
3D ISOMETRIC VIEW OF PRECAST STAIRCASE



TWO POINT PERSPECTIVE (VP METHOD) EXTERIOR VIEW

ASIGN NO.	STUDIO	CHECK	SINHGAD COLLEGE OF ARCHITECTURE, PUNE
			NAME: TRUPTI KHEKAR
			SUBJECT: AGD II
			ROLL NO.: 25 SYB ARCH

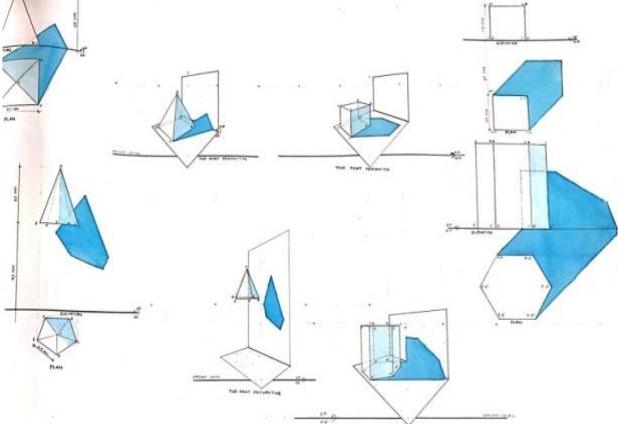
Scanned With CamScanner



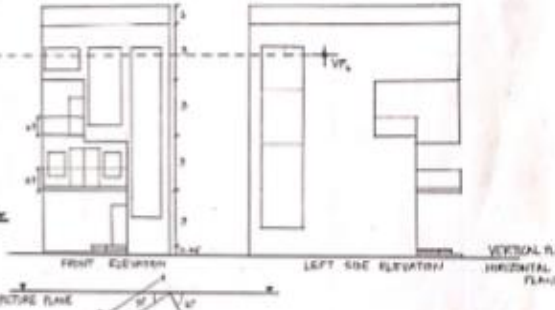
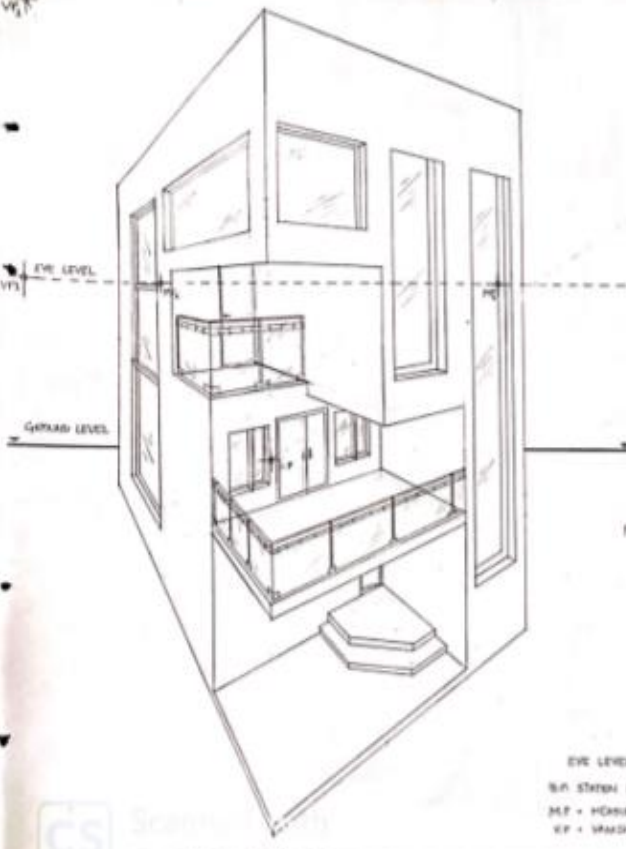
COMPUTER AIDED DESIGN



SIGN	SINHGAD COLLEGE OF ARCHT
	NAME: TRUPTI KHEKAR
	SUBJECT: AGD II
	ROLL NO.: 25 SYB ARCH



SHADES & SHADOWS SOLID OBJECTS II



FRONT ELEVATION LEFT SIDE ELEVATION VERTICAL PLAN

EYE LEVEL = 9
M.P. = MARKING POINT
V.P. = VANISHING POINT

FET PLAN SCALE - 1:100

ONE POINT PERSPECTIVE OBJECT IN FRONT OF PICTURE PLANE

CHECK	SIGN	DATE	SINHGAD COLLEGE OF ARCHITECTURE, PUNE
			NAME: TRUPTI KHEKAR
			ROLL NO.: 25 SYB ARCH

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AGD III

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JEHANGIIR MAHAL

DOMES: TEMPIERES MAJAS IN SQUARE IN PLAN, WITH FOUR MASSIVE AT EACH CORNER WHICH END IN A RIMMED CONE AT CORNERS AND QUADRANT HEMISPHERICAL DORIES AT SIDES.

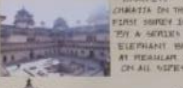


TEMPER DORIES: AT CORNERS CORNERS OF VARIOUS SIZES.

THERE ARE FOUR ROOMS AT ALL FOUR CORNERS.



QUADRANT HEMISPHERICAL DORIES AT SIDES.



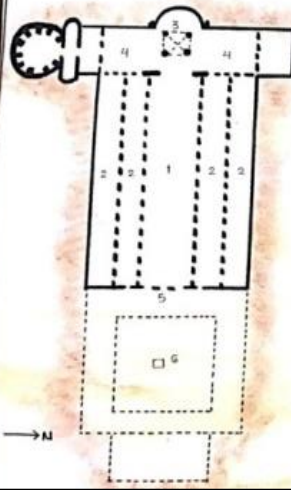
BRACKETED THE CORNERS ON THE FIRST STORY IN HELP BY A SERIES OF ELEPHANT BRACKETS AT REGULAR INTERVALS ON ALL SIDES.

IT IS LINKED TO THE CORNER BY A SERIES OF ELEPHANT BRACKETS AT REGULAR INTERVALS ON ALL SIDES.

LOUIS XIV. MARRIAGE PALACE ON THE FIRST FLOOR IS SUPPORTED BY LOUIS XIV. PERPETUAL BRACKETS.



MONUMENTS



- 1. MAVE
- 2. AISLES
- 3. APSE
- 4. TRANSEPT
- 5. NARTHEX
- 6. ATRIUM



ST. PETERS BASILICA

HAGIA SOPHIA, CONSTANTINOPLE.

ALSO CALLED AS THE "CHURCH OF THE HOLY WISDOM" IS THE FORMER GREEK ORTHODOX CHRISTIAN PATRIARCHAL CATHEDRAL. LATER AN OTTOMAN IMPERIAL MOSQUE, THEN A MUSEUM AND NOW AGAIN IN FEB 2010 A MOSQUE IN ISTANBUL (HISTORICALLY CALLED AS CONSTANTINOPLE), TURKEY. IT IS A SYMBOL OF HARMONY, PEACE, AND TOLERANCE IN TURKEY.

ARCHITECTS - ISIDORE (MILETUS), ANTHEMIUS (TRALLES)

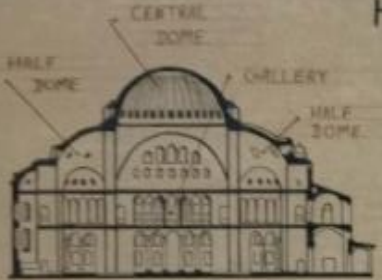
CONSTRUCTION:

STARTED - 532 AD
COMPLETED - 537 AD

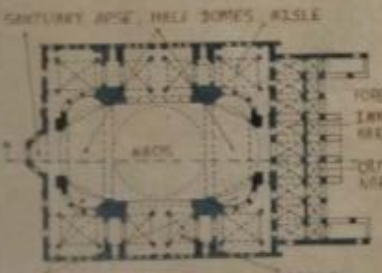
LENGTH - 82M
WIDTH - 73M
HEIGHT - 55M
MATERIAL - ASHLAR, BRICK



AXONOMETRIC VIEW OF CHRISTIAN CATHEDRAL HAGIA SOPHIA, ISTANBUL

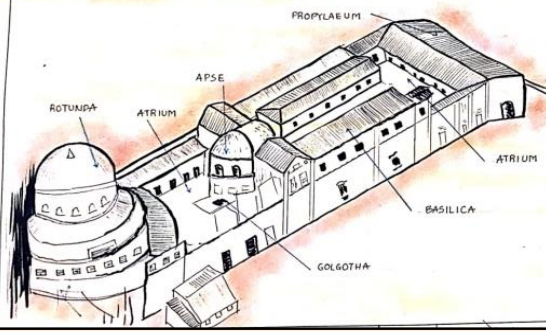


SECTION AT AXIS



BYZANTINE ARCHITECTURE

CHURCH OF HOLY SEPULCHRE JERU SALEM



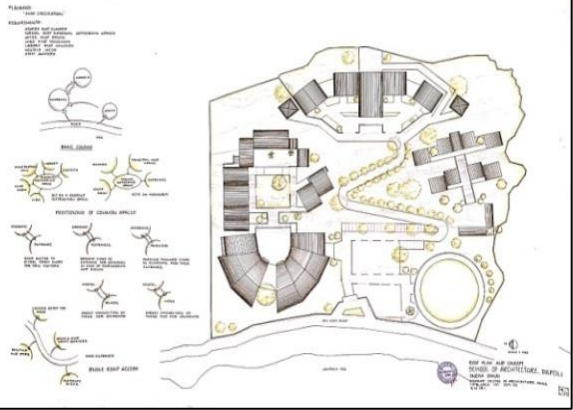
2nd Year B.Arch

HISTORY II

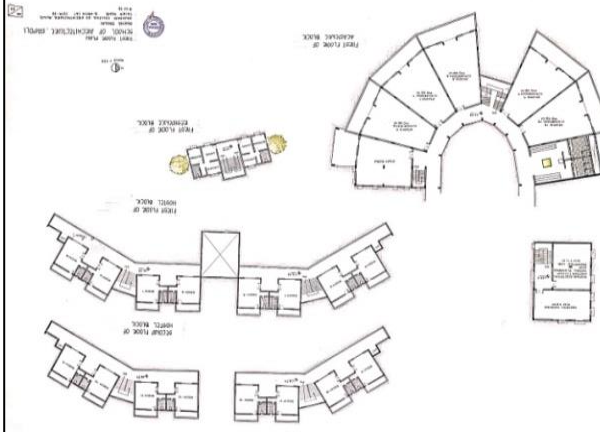
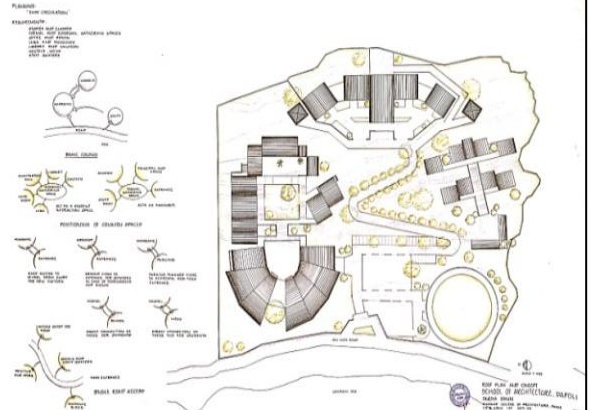
BYZANTINE ARCHITECTURE

CHECK-1	CHECK-2	STES'S SCOA, PUNE	STAMP
		ANIKET J. MUNDRA	
		S.Y. BACHA BATCH-C	
		ROLL NO - 18 HOA-I	
		DATE:	

SCHOOL OF ARCHITECTURE, SAMPAL

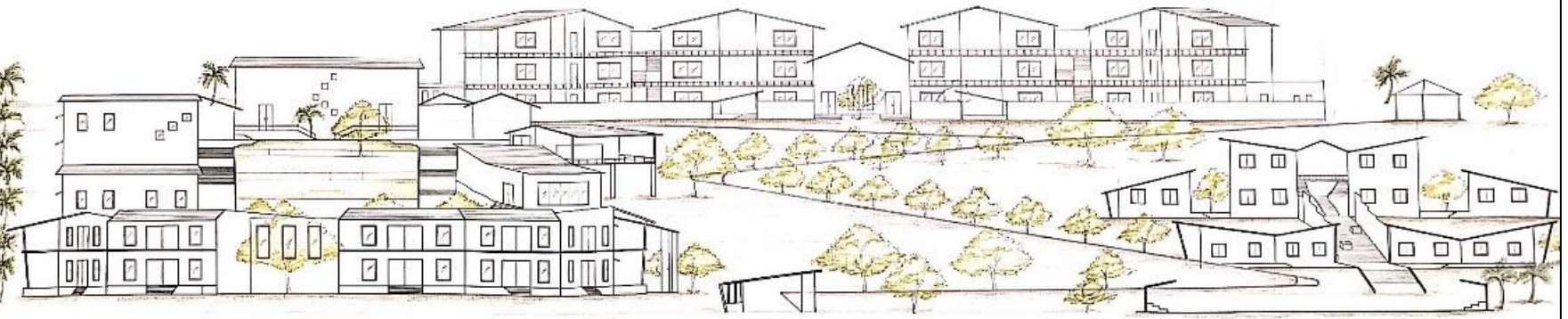


SCHOOL OF ARCHITECTURE, SAMPAL

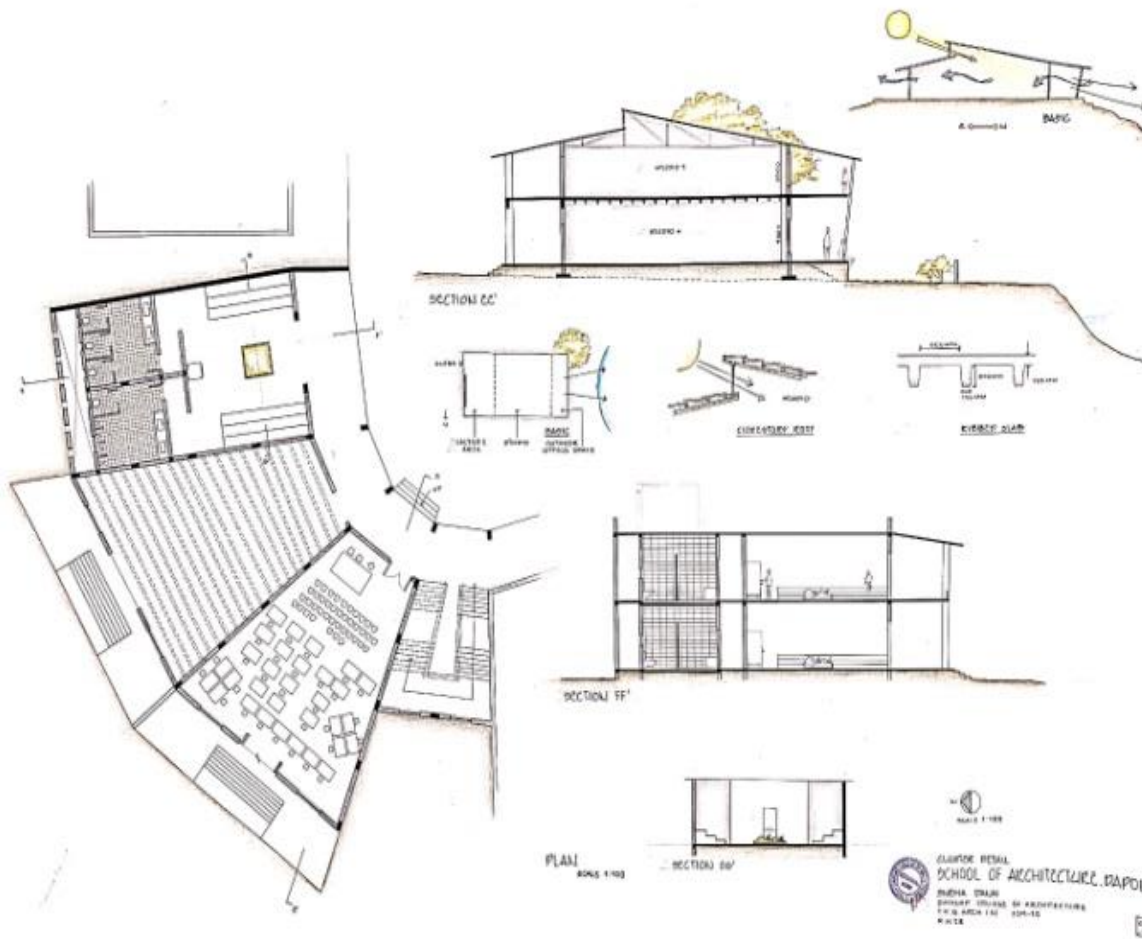


3rd Year B.Arch
 DESIGN V

ACADEMIC YEAR 2019-20
 Sinhgad College of Architecture, Pune



EAST ELEVATION



3rd Year B.Arch
DESIGN V

ACADEMIC YEAR 2019-20
 Sinhgad College of Architecture, Pune



SRINAGAR COLLEGE OF ARCHITECTURE
NAME: SHIKHARAJA A. BHIMANI
ROLL NO: 02 DIV: B 07



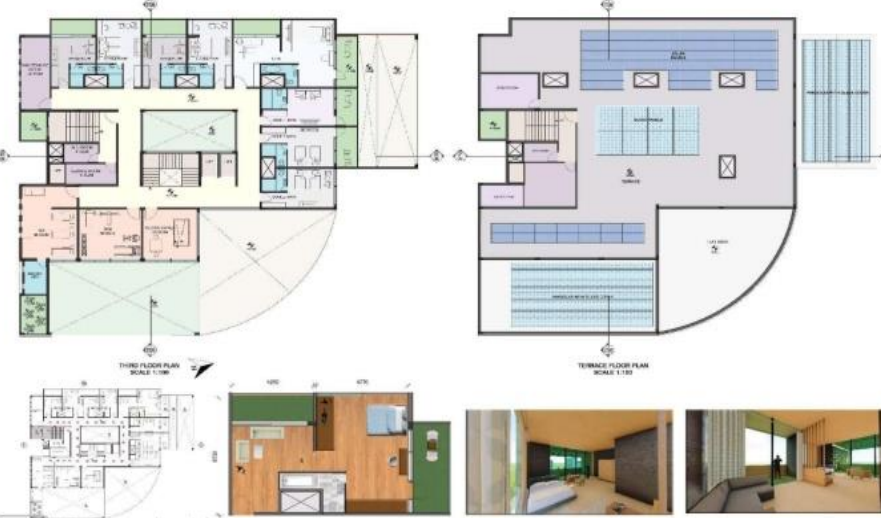
SRINAGAR COLLEGE OF ARCHITECTURE
NAME: SHIKHARAJA A. BHIMANI
ROLL NO: 02 DIV: B 02



SRINAGAR COLLEGE OF ARCHITECTURE
NAME: SHIKHARAJA A. BHIMANI
ROLL NO: 02 DIV: B 04

3rd Year B.Arch
DESIGN VI

ACADEMIC YEAR 2019-20
Sinhgad College of Architecture, Pune



SINHGAD COLLEGE OF ARCHITECTURE
NAME : SHROVANKAR ALPANKURU
ROLL NO : 09 - 09 - 18

05



SINHGAD COLLEGE OF ARCHITECTURE
NAME : SHROVANKAR ALPANKURU
ROLL NO : 09 - 09 - 18

07

INTRODUCTION
 MAKE IN THE BUSINESS HOTEL, AN OPTIMAL GUEST EXPERIENCE CONSISTING WITH THE MODERN CULTURE AND HISTORICAL HERITAGE OF CHANDIGARH. THE EXPERIENCE OF TOUCHING OUR ROOTS, WHICH IS IDEALLY LOCATED IN THE BUSINESS AND PROFESSIONAL CITY CENTER.

LOCATION
 THE SITE IS LOCATED IN SECTOR 39-C CHANDIGARH. THE SITE IS A GREEN BELT AREA WITH A ROAD TO THE WEST AND TO THE EAST WITH THE AREA 1000 SQ.M.

CONCEPT
 THE MAIN IDEA WAS TO CREATE A CONTEMPORARY HOTEL WITH A MODERN AND FUTURE-READY BUILDING. THE HOTEL WAS TO BE BUILT WITH A MODERN AND FUTURE-READY BUILDING. THE HOTEL WAS TO BE BUILT WITH A MODERN AND FUTURE-READY BUILDING.

ACCOMODATION
 MAKE OFFERS IN BUSINESS TRAVELERS WHO WOULD WANT TO STAY IN THE CITY CENTER. THE HOTEL WAS TO BE BUILT WITH A MODERN AND FUTURE-READY BUILDING.

RESTAURANT/ BAR/ LOUNGE
 ON THE FIRST FLOOR IS A GUEST RESTAURANT WITH A CLASSIC OF RESTAURANT, BAR AND LOUNGE. THE HOTEL WAS TO BE BUILT WITH A MODERN AND FUTURE-READY BUILDING.

MEETING AND EVENTS
 THE HOTEL OFFERS CONFERENCE ROOMS WITH A MEETING ROOM, CONFERENCE ROOM, AND LOUNGE. THE HOTEL WAS TO BE BUILT WITH A MODERN AND FUTURE-READY BUILDING.

AMENITIES
 THE HOTEL OFFERS A GUEST RESTAURANT WITH A MEETING ROOM, CONFERENCE ROOM, AND LOUNGE. THE HOTEL WAS TO BE BUILT WITH A MODERN AND FUTURE-READY BUILDING.

ROOM TYPES: SUITE ROOM, SINGLE ROOM, DOUBLE ROOM, BAR/LOUNGE, CONFERENCE ROOM, ENTRANCE LOBBY, SWIMMING POOL.

SINHGAD COLLEGE OF ARCHITECTURE
NAME : SHROVANKAR ALPANKURU
ROLL NO : 09 - 09 - 18

01



SINHGAD COLLEGE OF ARCHITECTURE
NAME : SHROVANKAR ALPANKURU
ROLL NO : 09 - 09 - 18

06

3rd Year B.Arch
 DESIGN VI

PROPOSED BUSINESS HOTEL AT CHANDIGARH

ACADEMIC YEAR 2019-20
 Sinhgad College of Architecture, Pune

PROPRIETARY PARTITION

ELEVATION (Scale 1:10), **SECTION AA'**, **ELEVATION** (Scale 1:10), **SECTION AA'**

PLAN (Scale 1:10), **SECTION BB'**, **FIXING DETAIL GLASS TO WALL**, **FIXING DETAIL GLASS TO FLOOR**, **FIXING DETAIL GLASS TO WALL**, **HINGE DETAIL**

DOOR FIXING DETAILS, **JOINERY DETAIL**

DETAIL A', **DETAIL B**, **DETAIL C**, **DETAIL D**, **DETAIL E**, **DETAIL F**, **DETAIL G**, **DETAIL H**, **DETAIL I**, **DETAIL J**, **DETAIL K**, **DETAIL L**, **DETAIL M**, **DETAIL N**, **DETAIL O**, **DETAIL P**, **DETAIL Q**, **DETAIL R**, **DETAIL S**, **DETAIL T**, **DETAIL U**, **DETAIL V**, **DETAIL W**, **DETAIL X**, **DETAIL Y**, **DETAIL Z**

ASGN. NO.	STUDIO	CHECK	SINHGAD COLLEGE OF ARCHITECTURE, PUNE	STAMP & SIGN

NON-PROPRIETARY FALSE CEILING

SECTION AA', **SECTION BB'**, **SECTION CC'**, **SECTION DD'**, **SECTION EE'**, **SECTION FF'**, **SECTION GG'**, **SECTION HH'**, **SECTION II'**, **SECTION JJ'**, **SECTION KK'**, **SECTION LL'**, **SECTION MM'**, **SECTION NN'**, **SECTION OO'**, **SECTION PP'**, **SECTION QQ'**, **SECTION RR'**, **SECTION SS'**, **SECTION TT'**, **SECTION UU'**, **SECTION VV'**, **SECTION WW'**, **SECTION XX'**, **SECTION YY'**, **SECTION ZZ'**

PERIMETER CHANNEL, **INTERMEDIATE CHANNEL**, **CEILING SECTION**, **CORNER BEAD**, **EDGE BEAD**, **JOINERY DETAIL**, **FIXING DETAIL OF INTERMEDIATE CHANNEL AND SUSPENSION MEMBER**, **FIXING DETAIL OF SUSPENSION MEMBER**, **FIXING DETAIL OF CHANNEL AND SUSPENSION MEMBER**, **DETAIL OF PERIMETER CHANNEL**, **AC DUCT DETAILS**, **SPRINKLER DETAILS**

CHECK	SWR	DATE	SINHGAD COLLEGE OF ARCHITECTURE, PUNE	STAMP

NON-PROPRIETARY PARTITION

ELEVATION (Scale 1:10), **SECTION AA'**, **SECTION BB'**, **SECTION CC'**, **SECTION DD'**, **SECTION EE'**, **SECTION FF'**, **SECTION GG'**, **SECTION HH'**, **SECTION II'**, **SECTION JJ'**, **SECTION KK'**, **SECTION LL'**, **SECTION MM'**, **SECTION NN'**, **SECTION OO'**, **SECTION PP'**, **SECTION QQ'**, **SECTION RR'**, **SECTION SS'**, **SECTION TT'**, **SECTION UU'**, **SECTION VV'**, **SECTION WW'**, **SECTION XX'**, **SECTION YY'**, **SECTION ZZ'**

FIXING OF PANELS, **JOINERY DETAILS OF STUD**, **FIXING DETAIL OF MGF BOARD**, **DETAIL OF BEACINGS**, **ISOMETRIC VIEW**

PLAN AT AA', **PLAN AT BB'**

CHECK	SWR	DATE	SINHGAD COLLEGE OF ARCHITECTURE, PUNE	STAMP

OFFICE FURNITURE

ELEVATION (Scale 1:10), **SECTION AA'**, **SECTION BB'**, **SECTION CC'**, **SECTION DD'**, **SECTION EE'**, **SECTION FF'**, **SECTION GG'**, **SECTION HH'**, **SECTION II'**, **SECTION JJ'**, **SECTION KK'**, **SECTION LL'**, **SECTION MM'**, **SECTION NN'**, **SECTION OO'**, **SECTION PP'**, **SECTION QQ'**, **SECTION RR'**, **SECTION SS'**, **SECTION TT'**, **SECTION UU'**, **SECTION VV'**, **SECTION WW'**, **SECTION XX'**, **SECTION YY'**, **SECTION ZZ'**

FIXING DETAIL, **DETAIL A**, **DETAIL B**, **DETAIL C**, **DETAIL D**, **DETAIL E**, **DETAIL F**, **DETAIL G**, **DETAIL H**, **DETAIL I**, **DETAIL J**, **DETAIL K**, **DETAIL L**, **DETAIL M**, **DETAIL N**, **DETAIL O**, **DETAIL P**, **DETAIL Q**, **DETAIL R**, **DETAIL S**, **DETAIL T**, **DETAIL U**, **DETAIL V**, **DETAIL W**, **DETAIL X**, **DETAIL Y**, **DETAIL Z**

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3rd Year B.Arch
BTM V

AC LOAD ESTIMATION (CALCULATION)

AC LOAD ESTIMATION

AREA: 1000 SQ FT

1. CLIMATE CALCULATION OF LOAD ESTIMATION

TO FACE	TO FACE	TO FACE	TO FACE	TO FACE
1000	1000	1000	1000	1000
1000	1000	1000	1000	1000

... (more data) ...

2. LIGHTING LOAD

... (more text) ...

3. HEAT LOAD DUE TO OCCUPANCY

... (more text) ...

3. HEAT LOAD DUE TO OCCUPANCY

... (more text) ...

4. EQUIPMENT LOAD

TYPE	HEAT LOAD FROM EQUIPMENT	WATTAGE
... (more rows)

5. AIR CAPACITY

... (more text) ...

6. DUCT DESIGN

... (more text) ...

AIR REMOVAL CAPACITIES OF EXHAUST FANS

NUMBER OF FANS	WIND SPEED (M/S)	AIR REMOVAL CAPACITY (CFM)
1	1000	1000
2	2000	2000
3	3000	3000
4	4000	4000
5	5000	5000
6	6000	6000
7	7000	7000
8	8000	8000
9	9000	9000
10	10000	10000

TYPES OF EXHAUST FANS

- PROPELLER
- AXIAL FLOW
- CENTRIFUGAL

QUESTION 1

... (more text) ...

QUESTION 2

... (more text) ...

QUESTION 3

... (more text) ...

VENTILATION CASE STUDY

MILL CHURCH' ASSOCIATION BUILDING

... (more text) ...

SECTION 10"

SECTION 10' x 10'

SECTION 10' x 10'

SECTION 10' x 10'

SECTION 10' x 10'

SECTION 10' x 10'

SECTION 10' x 10'

AC LAYOUT

... (more text) ...

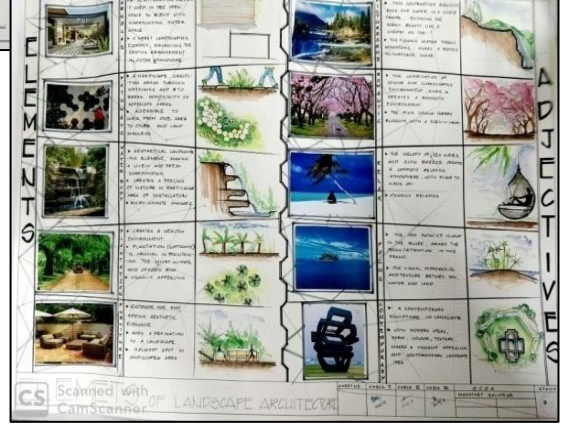
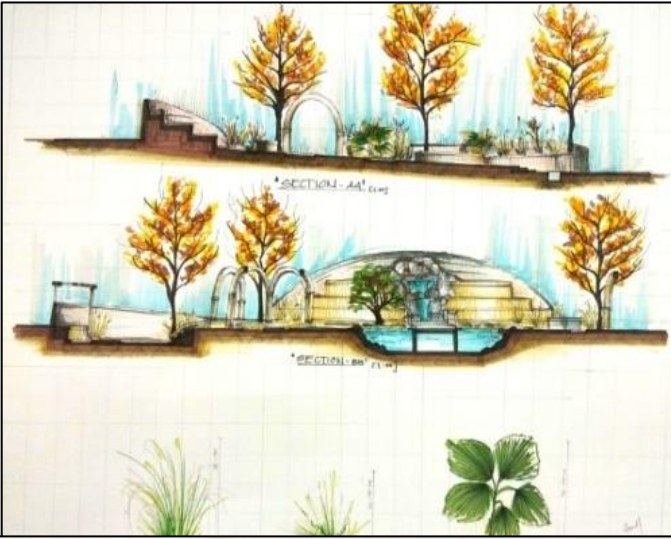
3rd Year B.Arch BS III

VENTILATION CASE STUDY

CHECK

S. C. O. A.
ROHAN N. POTE
DIV' D ROLL NO. 3
LANDSCAPE ARCHITECTURE I

STAMP



3rd Year B.Arch
Landscape I

ACADEMIC YEAR 2019-20
Sinhgad College of Architecture, Pune

ITALIAN GARDENS

INTRODUCTION



ITALIAN GARDENS ARE KNOWN BY THEIR RENAISSANCE GARDENS
 IN THE TEMPLE OF CLASSICAL GARDENS AND WERE IN EUROPE AND WEST ASIAN GARDENS IN THE WORLD
 IT IS STYLISHLY SAID LINE SYMMETRY, AXIAL DESIGN, THE PRINCIPLE OF PROPORTION, ORDER OVER NATURE

EVOLUTION



FROM ITALIAN BAROQUE WERE LINE FIRST FOR BUILDING TREES, VEGETABLES, AND HERBS
 TO OPEN UP THE SCENERY (LINE WITH ORDER AND SYMMETRY) AS WELL AS AN ARTIFICIAL ELEMENT
 THE ITALIAN RENAISSANCE GARDEN Began DOWN THE HALL BETWEEN THE GARDEN, THE HOUSE, AND THE LANDSCAPE

HISTORY



ITALIAN RENAISSANCE GARDENS DEVELOPED FROM THE 15TH CENTURY IN ITALY, FROM VILLA WITH LANDSCAPE GARDENS AS WELL AS AN ARTIFICIAL ELEMENT
 THEY WERE THEN BEING IN THE 17TH CENTURY WITH OCCASIONAL TREES AND TREES WERE COLLECTED AND COLOURED PLANTED IN THE GARDENS

INFLUENCE



THE ROMAN GOD AND COLLECTED WERE INSPIRATION FOR COMMISSIONED ARTWORK DISPLAYED IN THE GARDEN
 INFLUENCE FROM THE CLASSICAL GARDENS OF THE ITALIAN RENAISSANCE
 WOULD BE THE MAIN SOURCE OF INSPIRATION FOR THE ITALIAN GARDEN
 THE ITALIAN RENAISSANCE GARDEN WAS NOT ONLY A PLACE FOR GARDENING BUT ALSO A PLACE FOR THE ARTS AND LETTERS
 THE ITALIAN RENAISSANCE GARDEN WAS NOT ONLY A PLACE FOR GARDENING BUT ALSO A PLACE FOR THE ARTS AND LETTERS

FEATURES



CONTRAST OF SUN AND SHADE
 DESIGN AND BALANCE OF THE GARDEN
 ORDER, VERY IMPORTANT TO THE ITALIAN GARDEN
 A TYPICAL ITALIAN GARDEN GARDENS WITH AN OPEN PLAN OF FORM, EMPHASIS ON SPACES
 THERE IS NO SMALL AREA IN ITALIAN GARDENS, EVERYTHING BEING COVERED BY CLASSICAL, BAROQUE, HISTORY AND MODERN ELEMENTS

PLANTATION



EVERGREEN PLANTS OF A GARDEN IN ORDER OF GREEN, RED, BROWN, ORANGE, AND BLUE
 PLANTS OF A GARDEN IN ORDER OF GREEN, RED, BROWN, ORANGE, AND BLUE
 PLANTS OF A GARDEN IN ORDER OF GREEN, RED, BROWN, ORANGE, AND BLUE

ELEMENTS



CASCADE PAVILION: A PAVILION OVER A WATER CASCADE IS KNOWN AS CASCADE PAVILION
PAVEMENTS: USUALLY WITH STONE OR SLAB OF A FINEST MATERIALS
PROMENADE: A PATH WHICH WALK THROUGH THE GARDEN



PARTERRES: A SPACE OCCUPIED BY UNORNAMENTAL ARRANGEMENTS
HEDGES: A FENCE OR BOUNDARY FORMED BY CLOSELY PLANTED TREES OR SHRUBS
WATER FOUNTAINS: A SOURCE OF WATER DISPLAY LOCATED IN THE MIDDLE OF A GARDEN OR THROUGHOUT THE GARDEN
GROTTO: SMALL PAVILION OR STRUCTURE LOCATED IN A GARDEN



SCULPTURES: CLASSICAL SCULPTURES OR STATUES ARE USED AS DECORATIVE ELEMENTS IN ITALIAN GARDENS AND GARDENS



STAIRCASE: A SET OF STEPS TO GO UP AND DOWN
 IN ITALIAN GARDENS AND LOCATED THROUGHOUT THE GARDEN AND THROUGHOUT THE GARDEN



BALUSTRADES: A BARRIER SUPPORTED BY COLUMNS, ESPECIALLY THE PAVILION OR GARDEN OR HERBERTARY TO A SECOND-LEVEL TERRACE AND TO THE BALCONY AND IS USUALLY LOCATED TO HAVE A PARTITION BETWEEN THE AREA AND BEHIND THE TERRACE



BALUSTRADES: A BARRIER SUPPORTED BY COLUMNS, ESPECIALLY THE PAVILION OR GARDEN OR HERBERTARY TO A SECOND-LEVEL TERRACE AND TO THE BALCONY AND IS USUALLY LOCATED TO HAVE A PARTITION BETWEEN THE AREA AND BEHIND THE TERRACE

VILLA LANTE

VILLA LANTE IS A MANNERIST GARDEN OF COURSE IN VICENZA (NORTHERN ITALY) THIS IS THE BEST MANNERIST PIONEER OF THE ITALIAN RENAISSANCE GARDENS FOR GARDEN, GARDENING, THE BUILDING AND TREATMENT OF GARDEN ELEMENTS, DEMONSTRATING A GOOD PRINCIPLE

IT WAS PALAZZO ERMO AND BUILDING EVERY ASPECT OF THE GARDEN IS PERFECTLY PROPORTIONAL AND NICELY DETAILED A SQUARE TERRACE, 10 INTO SMALLER SQUARES, A WATER FOUNTAIN, A WONDERFUL FOUNTAIN IN CENTER POSITION

THE GARDENS OF THE VILLA LANTE FEATURES GROTTOES, PROMENADES AND SWIRLING STRUCTURE THE VISUAL AND MANNERIST CHOREOGRAPHY OF WATER AND THE MECHANICAL PERFECTION OF ITS FLOW IS A GREAT FEAT OF ENGINEERING AND ARCHITECTURE

THE GARDEN REPRESENTS THE TALE OF HUMILITY DESCENDING FROM THE GOLDEN AGE IT WAS A GROTTO BELOW THE WATER THEN IS THE BEST AND EARLIEST EXAMPLE OF A SHOPPING GALLERY

SECTION OF VILLA LANTE



PLAN OF VILLA LANTE



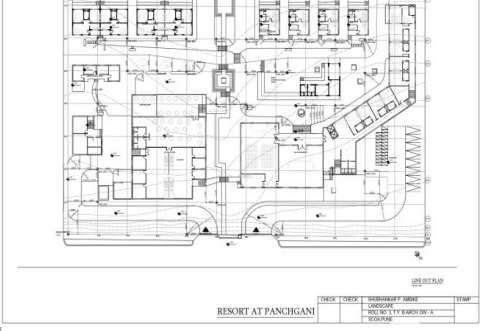
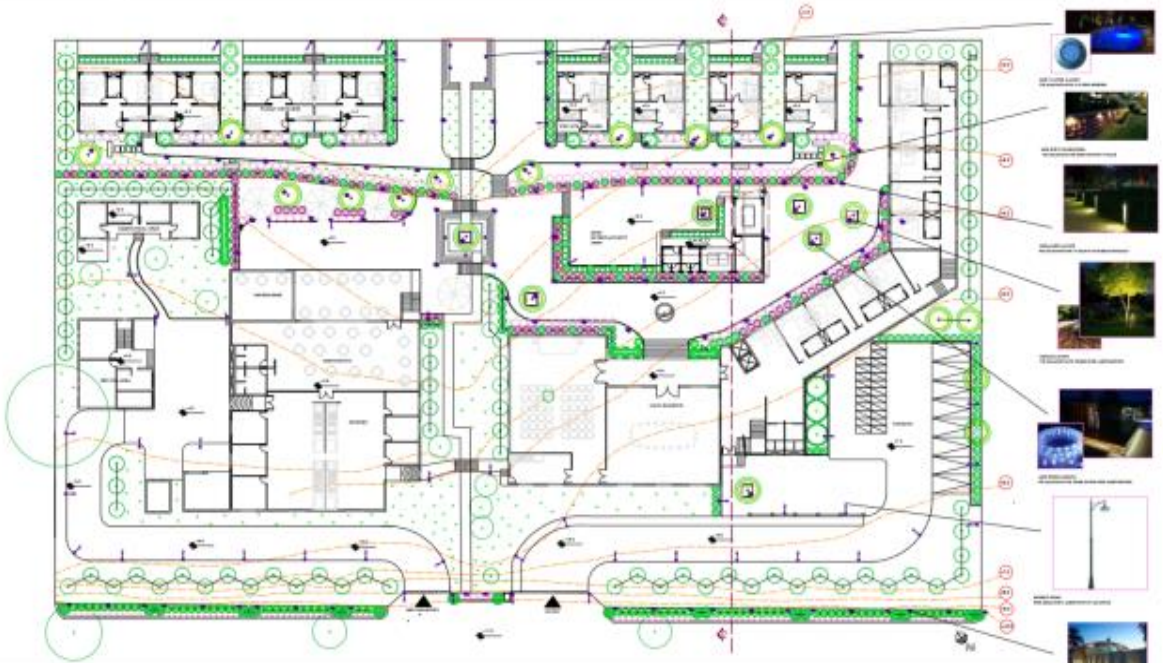
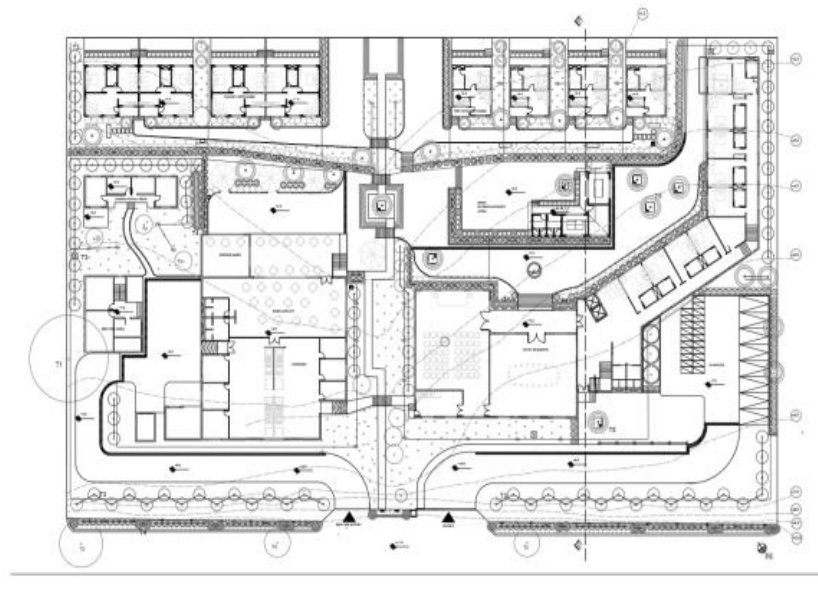
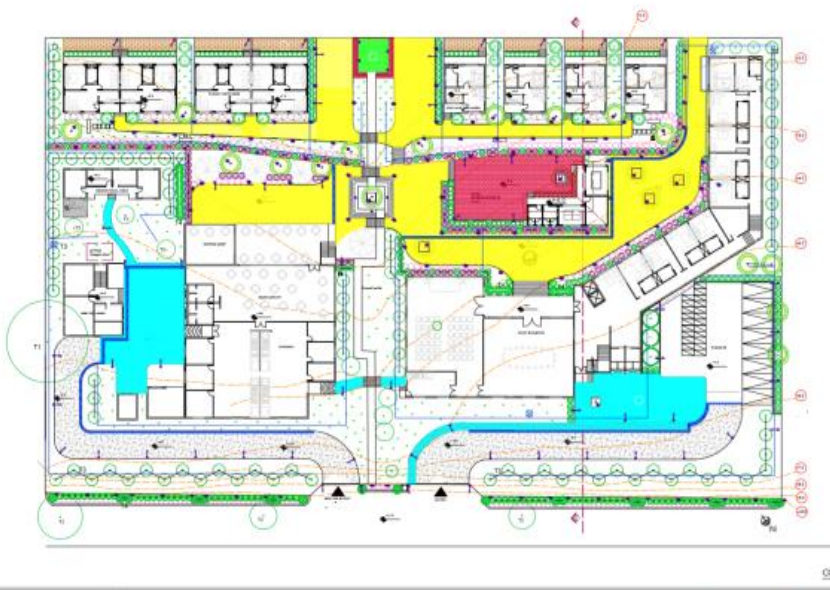
VILLA D'ESTE

THE MOST BEAUTIFUL OF ALL GARDENS IN THE WORLD
 WAS BUILT BY THE HOUSE OF ESTE IN THE 16TH CENTURY
 THE GARDEN WAS DESIGNED BY GARDEN DESIGNER OF THE HOUSE OF ESTE
 THE GARDEN WAS DESIGNED BY GARDEN DESIGNER OF THE HOUSE OF ESTE
 THE GARDEN WAS DESIGNED BY GARDEN DESIGNER OF THE HOUSE OF ESTE

PLAN OF VILLA D'ESTE

CS Scanned with CamScanner

3rd Year B.Arch Landscape I



LEGEND

NO.	SYMBOL	LAND USE	SCALE	REMARKS	DATE	BY
1	[Symbol]	LANDSCAPE	1:100			
2	[Symbol]	LANDSCAPE	1:100			
3	[Symbol]	LANDSCAPE	1:100			
4	[Symbol]	LANDSCAPE	1:100			
5	[Symbol]	LANDSCAPE	1:100			
6	[Symbol]	LANDSCAPE	1:100			
7	[Symbol]	LANDSCAPE	1:100			
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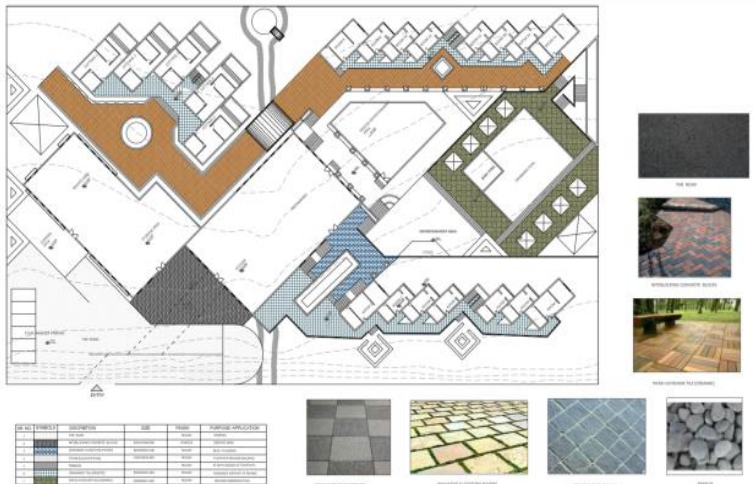
RESORT AT PANCHGANI

LIGHTING LAYOUT

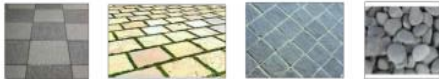
CHECK	CHECK	SHUBHANKAR F. AWBIKE	STAMP
		LANDSCAPE	
		ROLL NO 1, T.Y B ARCH DV - A	
		SCOA PUNE	

3rd Year B.Arch
Landscape II

ACADEMIC YEAR 2019-20
Sinhgad College of Architecture, Pune



NO.	SYMBOL	DESCRIPTION	AREA	UNIT	REMARKS/REVISIONS
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6	[Symbol]
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9	[Symbol]
10	[Symbol]

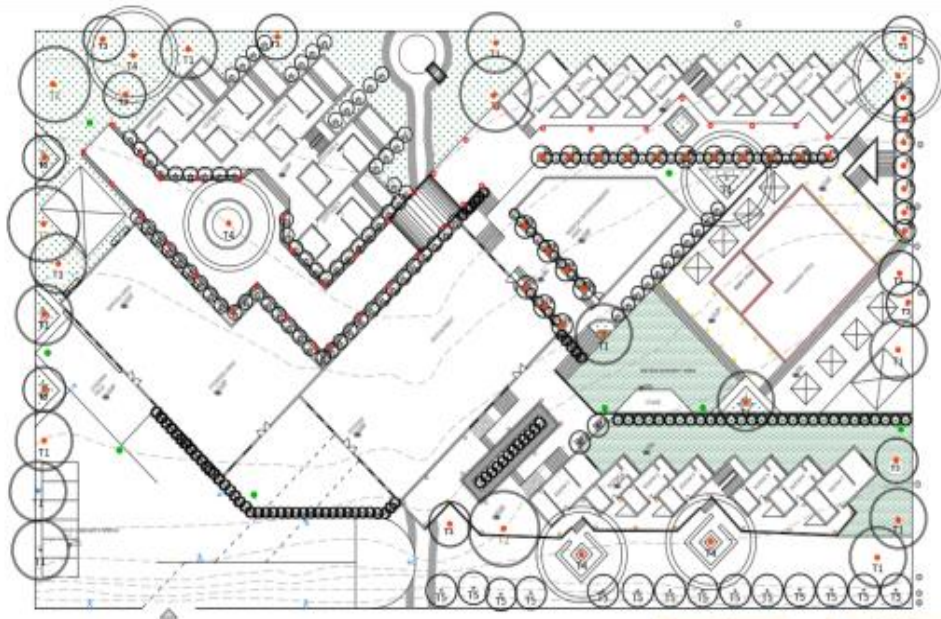


RESORT AT PANCHGANI (MATERIAL PLAN)

NO.	DESCRIPTION	UNIT	REMARKS
1
2
3
4
5



RESORT AT PANCHGANI (COMPREHENSIVE PLAN)



NO.	SYMBOL	DESCRIPTION	AREA	UNIT	REMARKS/REVISIONS
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8	[Symbol]
9	[Symbol]
10	[Symbol]



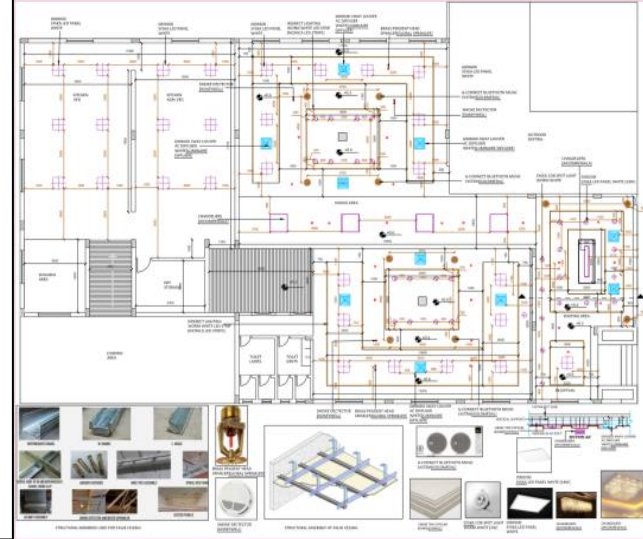
RESORT AT PANCHGANI (ELECTRICAL PLAN)



RESORT AT PANCHGANI (IRRIGATION PLAN)

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9	[Symbol]
10	[Symbol]

3rd Year B.Arch
Landscape II



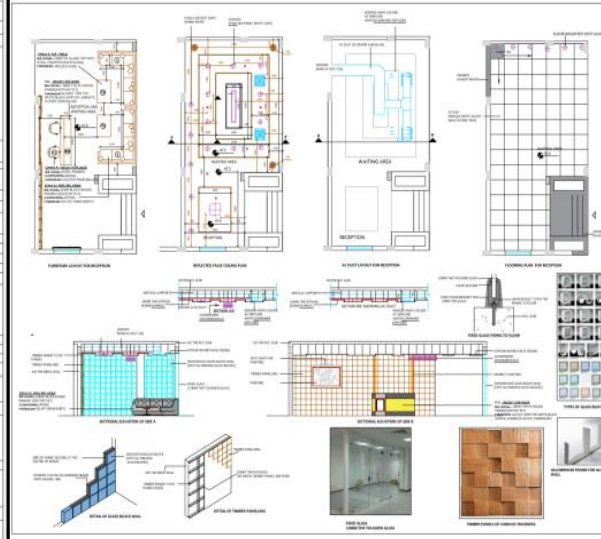
ELECTIVES-1
INTERIOR DESIGN RESTAURANT DESIGN

NAME: VIVEK G. AMBekar
ROLL NO: 01
YEAR: T.Y. B.Arch (2019-20)
SINHGAD COLLEGE OF ARCHITECTURE

PROGRESSIVE SIGNATURE

SELECTED CEILING PLAN

SCALE: SHEET NO: 2



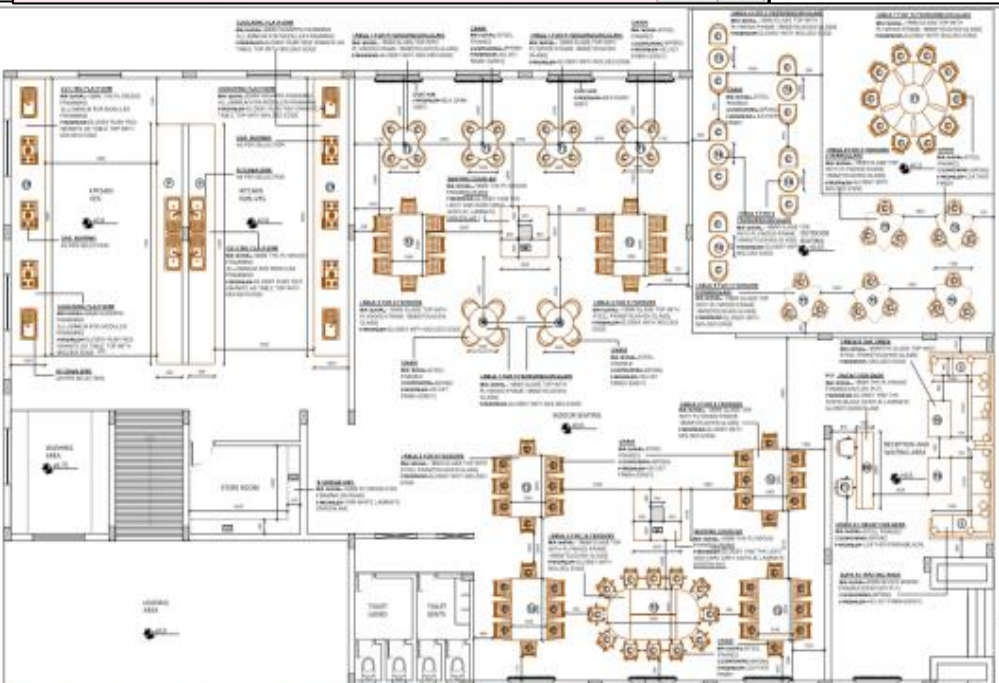
ELECTIVES-1
INTERIOR DESIGN RESTAURANT DESIGN

NAME: VIVEK G. AMBekar
ROLL NO: 01
YEAR: T.Y. B.Arch (2019-20)
SINHGAD COLLEGE OF ARCHITECTURE

PROGRESSIVE SIGNATURE

RECEPTION DETAIL

SCALE: SHEET NO: 3



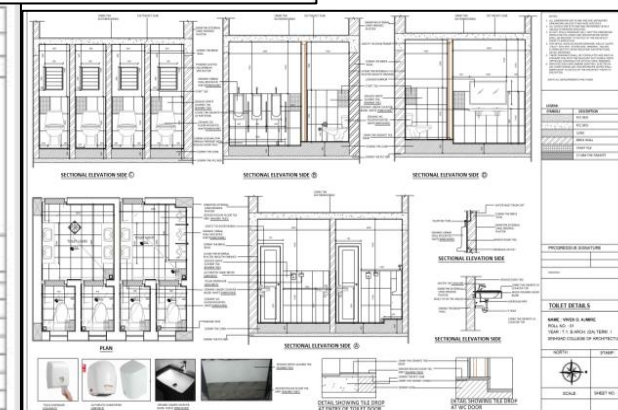
ELECTIVES-1
INTERIOR DESIGN RESTAURANT DESIGN

NAME: VIVEK G. AMBekar
ROLL NO: 01
YEAR: T.Y. B.Arch (2019-20)
SINHGAD COLLEGE OF ARCHITECTURE

PROGRESSIVE SIGNATURE

FURNITURE LAYOUT

SCALE: SHEET NO: 4



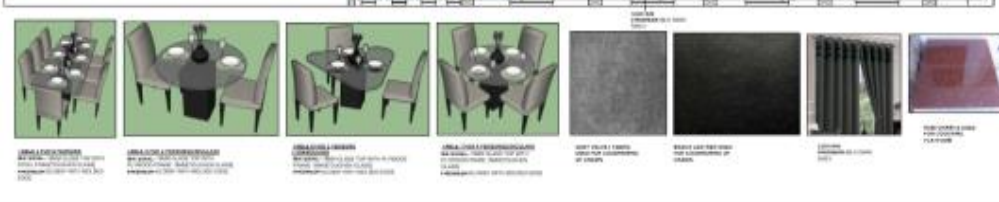
ELECTIVES-1
INTERIOR DESIGN RESTAURANT DESIGN

NAME: VIVEK G. AMBekar
ROLL NO: 01
YEAR: T.Y. B.Arch (2019-20)
SINHGAD COLLEGE OF ARCHITECTURE

PROGRESSIVE SIGNATURE

TOILET DETAILS

SCALE: SHEET NO: 5



ELECTIVES-1
INTERIOR DESIGN RESTAURANT DESIGN

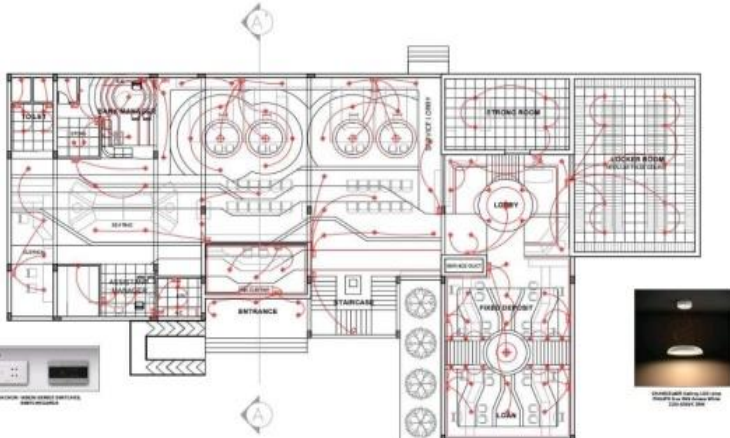
NAME: VIVEK G. AMBekar
ROLL NO: 01
YEAR: T.Y. B.Arch (2019-20)
SINHGAD COLLEGE OF ARCHITECTURE

PROGRESSIVE SIGNATURE

FURNITURE LAYOUT

SCALE: SHEET NO: 4

3rd Year B.Arch Elective I



ELECTIVE-1

INTERIOR DESIGN

NOTES:

1. ALL DIMENSIONS ARE IN MM AND ARE TO FACE UNLESS SPECIFIED OTHERWISE.
2. ALL WORK IS TO BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS AND STANDARDS OF THE BUREAU OF STANDARDS, INDIA.
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LEGEND

- LED STRIP LIGHTING
- LED STRIP CONCEALED
- SWITCH-BUSBAR
- WALL POINT LIGHT
- CHANGES

PROGRESSIVE SIGNATURE: _____

REMARKS: _____

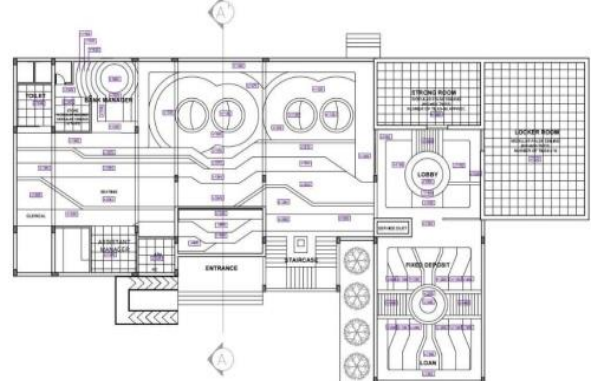
ELECTRICAL LAYOUT

VEGAYT BATTALUMAR

ROLL NO. 73
1001-15-BARCH-2019-20
BANKING IN DESIGN-BRANCH
INDIAN COLLEGE OF ARCHITECTURE, PUNE

DATE: _____

SCALE: 1:100 SHEET NO.: 9



ELECTIVE-1

INTERIOR DESIGN

NOTES:

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LEGEND

- FALSE CEILING LAYOUT
- FALSE CEILING

PROGRESSIVE SIGNATURE: _____

REMARKS: _____

FLOORING LAYOUT

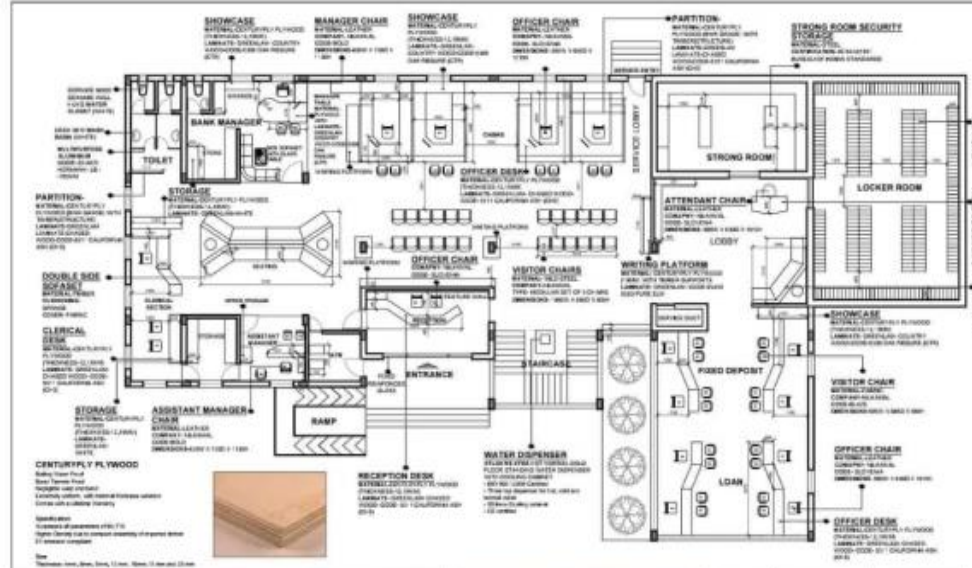
VEGAYT BATTALUMAR

ROLL NO. 73
1001-15-BARCH-2019-20
BANKING IN DESIGN-BRANCH
INDIAN COLLEGE OF ARCHITECTURE, PUNE

DATE: _____

SCALE: 1:100 SHEET NO.: 5

ROOM NAME	AREA	NO. OF LIGHT FIXTURES	DESCRIPTION	ROOM NAME	AREA	NO. OF LIGHT FIXTURES	DESCRIPTION
STRONG ROOM	100.00	10	STRONG ROOM LIGHTING (LED STRIP)	STRONG ROOM	100.00	10	STRONG ROOM LIGHTING (LED STRIP)
LOCKER ROOM	150.00	15	LOCKER ROOM LIGHTING (LED STRIP)	LOCKER ROOM	150.00	15	LOCKER ROOM LIGHTING (LED STRIP)
LOBBY	200.00	20	LOBBY LIGHTING (LED STRIP)	LOBBY	200.00	20	LOBBY LIGHTING (LED STRIP)
MANAGER'S OFFICE	50.00	5	MANAGER'S OFFICE LIGHTING (LED STRIP)	MANAGER'S OFFICE	50.00	5	MANAGER'S OFFICE LIGHTING (LED STRIP)
OFFICER'S OFFICE	40.00	4	OFFICER'S OFFICE LIGHTING (LED STRIP)	OFFICER'S OFFICE	40.00	4	OFFICER'S OFFICE LIGHTING (LED STRIP)
RECEPTION DESK	30.00	3	RECEPTION DESK LIGHTING (LED STRIP)	RECEPTION DESK	30.00	3	RECEPTION DESK LIGHTING (LED STRIP)
STAIRCASE	20.00	2	STAIRCASE LIGHTING (LED STRIP)	STAIRCASE	20.00	2	STAIRCASE LIGHTING (LED STRIP)
TOILET	10.00	1	TOILET LIGHTING (LED STRIP)	TOILET	10.00	1	TOILET LIGHTING (LED STRIP)
STORAGE	10.00	1	STORAGE LIGHTING (LED STRIP)	STORAGE	10.00	1	STORAGE LIGHTING (LED STRIP)
ASSISTANT MANAGER'S OFFICE	40.00	4	ASSISTANT MANAGER'S OFFICE LIGHTING (LED STRIP)	ASSISTANT MANAGER'S OFFICE	40.00	4	ASSISTANT MANAGER'S OFFICE LIGHTING (LED STRIP)
RECEPTION AREA	50.00	5	RECEPTION AREA LIGHTING (LED STRIP)	RECEPTION AREA	50.00	5	RECEPTION AREA LIGHTING (LED STRIP)
STAIRCASE	20.00	2	STAIRCASE LIGHTING (LED STRIP)	STAIRCASE	20.00	2	STAIRCASE LIGHTING (LED STRIP)
TOILET	10.00	1	TOILET LIGHTING (LED STRIP)	TOILET	10.00	1	TOILET LIGHTING (LED STRIP)
STORAGE	10.00	1	STORAGE LIGHTING (LED STRIP)	STORAGE	10.00	1	STORAGE LIGHTING (LED STRIP)



ELECTIVE-1

INTERIOR DESIGN

NOTES:

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LEGEND

- VISITOR CHAIR 1
- EMPLOYEE CHAIR
- VISITOR CHAIR 2

PROGRESSIVE SIGNATURE: _____

REMARKS: _____

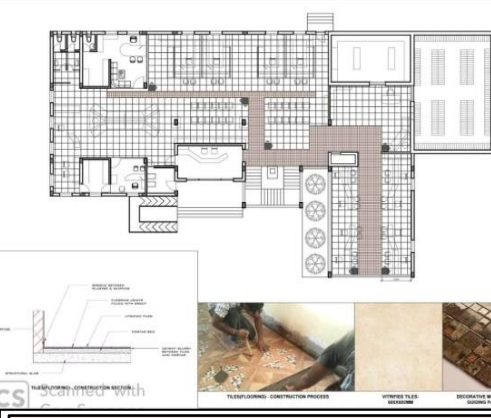
FURNITURE LAYOUT

VEGAYT BATTALUMAR

ROLL NO. 73
1001-15-BARCH-2019-20
BANKING IN DESIGN-BRANCH
INDIAN COLLEGE OF ARCHITECTURE, PUNE

DATE: _____

SCALE: 1:100 SHEET NO.: 1



ELECTIVE-1

INTERIOR DESIGN

NOTES:

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LEGEND

- FALSE CEILING LAYOUT
- FALSE CEILING

PROGRESSIVE SIGNATURE: _____

REMARKS: _____

FLOORING LAYOUT

VEGAYT BATTALUMAR

ROLL NO. 73
1001-15-BARCH-2019-20
BANKING IN DESIGN-BRANCH
INDIAN COLLEGE OF ARCHITECTURE, PUNE

DATE: _____

SCALE: 1:100 SHEET NO.: 8

MILKAMAL

Office Furniture

Office Chair

Office Desk

Office Bench

Office Cabinet

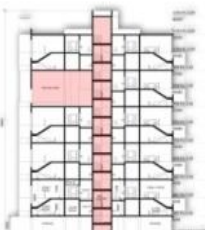
3rd Year B.Arch Elective I

ACADEMIC YEAR 2019-20
Sinhgad College of Architecture, Pune

4BHK
(DUPLEX)



ELEVATION B (1:100)



SECTION AA (1:100)



7TH FLOOR PLAN (1:100)

COURT: SINHGAD COLLEGE OF ARCHITECTURE
419 TO B. ARCH. SEM - II ROLL NO. - 16
ARCHITECTURAL DESIGN-VI
NAVED ANAYAR BHARALDAS

TYPE B ADJACENCY DIAGRAM

LEGENDS:
 PHASE 2
 TYPE A
 TYPE B

SITE PLAN (1:500)

ZONING

- RECREATIONAL GREEN
- COMMERCIAL GREEN
- RECREATION
- LAND USE RESTRICTION ZONE
- LAND USE ZONE

FIRE ENGINE MOVEMENT

CIRCULATION

- VEHICLE CIRCUIT
- PEDESTRIAN CIRCUIT

PROPOSED HOUSING OF THIS

COURT: SINHGAD COLLEGE OF ARCHITECTURE
419 TO B. ARCH. SEM - II ROLL NO. - 16
ARCHITECTURAL DESIGN-VI
NAVED ANAYAR BHARALDAS

MASTER LAYOUT (Scale 1:500)

HOUSING :

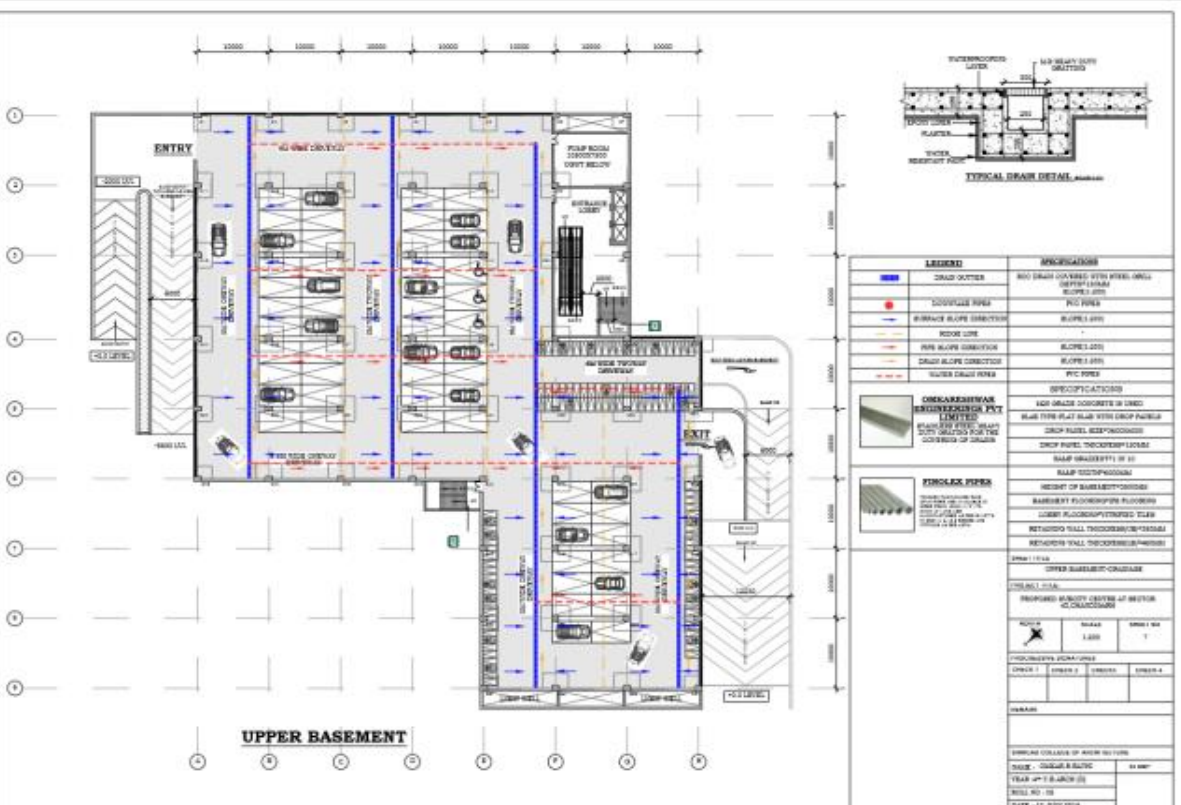
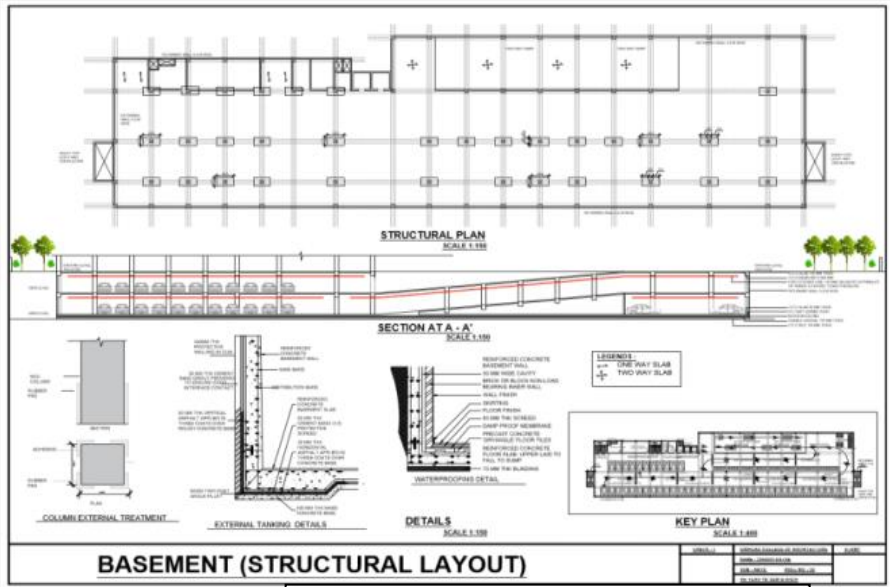
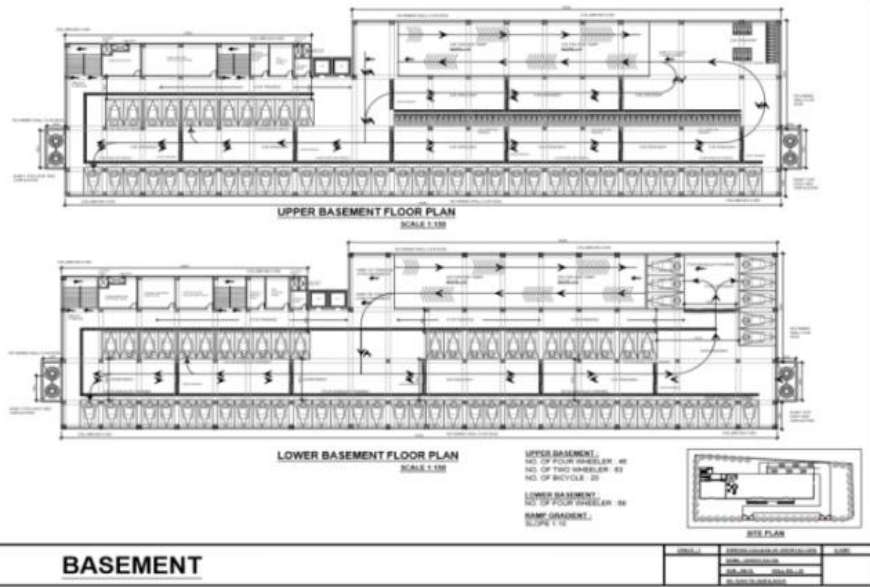
- PHASE 2
- TYPE A
- TYPE B

TYPE B ADJACENCY DIAGRAM

Site Area = 38700 SQ.M

SHEET NO. SINHGAD COLLEGE OF ARCHITECTURE (SEM II & III)
NAME: NAVED A. BHARALDAS
SEM. I - VI
FOURTH YEAR B. ARCH.
ROLL NO. - 16

4th Year B.Arch Design VII



4th Year B.Arch ABTS I

ACADEMIC YEAR 2019-20
Sinhgad College of Architecture, Pune

UPPER BASEMENT

NO.	DESCRIPTION	DATE
1	PREPARED BY	
2	CHECKED BY	
3	APPROVED BY	

DINING CHAIR

DINING TABLE

ELECTIVES

INTERIOR DESIGN

RESTAURANT DESIGN

FURNITURE DESIGN

NAME: HARSHAD R. JADAV

SCALE: SHEET NO: 1/1

ELECTIVES

INTERIOR DESIGN

RESTAURANT DESIGN

FLOORING LAYOUT

NAME: HARSHAD R. JADAV

SCALE: SHEET NO: 2/1

ELECTIVES

INTERIOR DESIGN

RESTAURANT DESIGN

FALSE CEILING LAYOUT

NAME: HARSHAD R. JADAV

SCALE: SHEET NO: 3/1

ELECTIVES

INTERIOR DESIGN

RESTAURANT DESIGN

ELECTRICAL LAYOUT

NAME: HARSHAD R. JADAV

SCALE: SHEET NO: 4/1

4th Year B.Arch
Elective II

VIEW FROM THE INTERNAL NODE OF THE LAYOUT

TOP VIEW

VIEW THROUGH THE INTERNAL ROAD

VIEW

APPROACH TO THE PLOT

ELEVATION FROM HIGHWAY

MAIN SIDE ELEVATION

SECTION AT BIE

SECTION AT AA'

SUBDIVISION OF LAND : SECTIONS ,ELEVATIONS AND VIEWS

CHECKED:	USER: AARON	DATE:	01/04/20
SUBJECT:	URBAN STUDIES		
REG. NO. 21:	P.Y. BARCHA		
SRAVIND COLLEGE OF ARCHITECTURE			

LAND USE DISTRIBUTION

RESIDENTIAL AREA DISTRIBUTION

ZONE	AREA (SQM)	AREA (%)	DEVELOPED (%)	UNDEVELOPED (%)	NO. OF UNITS
RESIDENTIAL	11,834	51.817	55.7%	38.3%	60
OPEN SPACE	6,152	27.627	100%	100%	2
AMENITIES	4,102	18.271	10%	38.3%	2
UTILITIES	1,288	5.793	0%	33.3%	1
COMMERCIAL	5,586	25.002	0%	33.3%	1

CALCULATIONS:
 TOTAL PLOT AREA: 22,837 SQM
 RESIDENTIAL AREA: 19.4% OF PLOT AREA
 OPEN SPACE AREA: 26.9% OF PLOT AREA
 UTILITIES AREA: 5.8% OF PLOT AREA
 AMENITIES AREA: 18.0% OF PLOT AREA
 COMMERCIAL AREA: 23.9% OF PLOT AREA

SUBDIVISION OF LAND

CHECKED:	USER: AARON	DATE:	01/04/20
SUBJECT:	URBAN STUDIES		
REG. NO. 21:	P.Y. BARCHA		
SRAVIND COLLEGE OF ARCHITECTURE			

KEY PLAN

CLIMATE

STRENGTH:

- WINDY (100 KM PER HOUR)
- WIDE PLOT TO FORM AN 80 METRE
- ALL THE SERVICES (ELECTRICITY, WATER SUPPLY, TELEPHONE, GAS) ARE AVAILABLE AT THE SITE
- SITE HAS A WIDE VIEW OF THE CITY AND SURROUNDING LANDSCAPE

WEAKNESS:

- SITE IS NOT NEAR TO THE HIGHWAY
- ELECTRICAL POLLUTION
- PRESENT ON SITE

OPPORTUNITIES:

- LOW COST OF LAND
- WIDE PLOT

THREATS:

- DUE TO THE ROAD, EXISTING COMMERCIAL BUILDINGS MAY CAUSE PROBLEMS

ANALYSIS:
 THE SITE IS LOCATED IN A DEVELOPING ZONE NEAR THE HIGHWAY AND A SCHEME OF THIS PLOT IS BEING DEVELOPED ACCORDING TO THE NEEDS AND WISDOMS OF THE AREA. THE SITE IS WELL SUPPLEMENTED BY A HIGHWAY AND OTHER SERVICES FROM ALL THE SIDES AND HAS A GOOD ACCESS AND CONNECTIVITY.

PROPOSED SITE

SECTION AA'

SUB DIVISION OF LAND : SITE ANALYSIS

CHECKED:	USER: AARON	DATE:	01/04/20
SUBJECT:	URBAN STUDIES		
REG. NO. 21:	P.Y. BARCHA		
SRAVIND COLLEGE OF ARCHITECTURE			

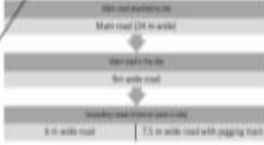
4th Year B.Arch US I

ACADEMIC YEAR 2019-20
 Sinhgad College of Architecture, Pune

ROAD NETWORKS



Plot width	Development
8M	75M
7.5M	75.500M
8M	100.500M
10M	200.500M
12M	300.750M
15M	500.750M



SECTION THROUGH 15 M WIDE ROAD WITH JOGGING TRACK. SECTION THROUGH 9 M WIDE ROAD WITH PLANTATION ON BOTH SIDES

ROAD NETWORKS AND POLICIES.

6. SAUR B. JASTAP ROLL NO. IT

SERVICES ARE THE MOST IMPORTANT PART OF THE DESIGN. IT MAKES THE DESIGN USER FRIENDLY AS WELL AS UPDATES SERVICE LAYOUT FOR THE PLOTS AS SHOWN BELOW.



- GAS PIPELINE
- FIRE TENDER MOVEMENT
- ELECTRICAL
- WATER SUPPLY
- DRAINAGE

SERVICE LAYOUT.

4. SAUR B. JASTAP ROLL NO. IT

TYPE	SUB TYPE	SIZE (m)	AREA (SQ. M)	NO. OF PLOTS	TOTAL PLOT AREA (SQ. M)
1. HIG	A1	24 * 18	432.32	4	1656.28
	A2		550	2	1090
	A3		481.4	1	481.4
2. MID	B1	20 * 12	240.5	8	2400
	B3		267	3	801
	B4		248.2	2	496.4
	B5		235	1	470
	B6		285	1	285
3. LIG	C1	1 * 18	18	45	750
	C2		147.25	1	147.25
	C3		187.3	1	187.3
	C4		137.5	1	137.5
	C5		163.8	1	163.8
	C6		137.5	1	137.5
	C7		187.1	1	187.1
	C8		122.1	1	122.1
	C9		120.3	1	120.3
4. GROUP HOUSING	D		1434.5	1	8232.13
	TOTAL:				28238.13



SKYLINE SECTION



MASSING AND SKYLINE.

3. SAUR B. JASTAP ROLL NO. IT

4th Year B.Arch US II

THESES PROJECT - TRANSFORMING URBAN SPACES THROUGH TRANSIT ORIENTED DEVELOPMENT

CONCEPT PROGRAMME

Project location: Mandwa, Alibang

Project area: 1.22 km²

Project budget: ₹ 100 Crores

Project completion: 2025

Project owner: M. Arch Computer Application

Project team: M. Arch Computer Application

PROGRAMME DERIVATION OF TRANSIT HUB (BUS TERMINAL & STATION AREA)

Key components: Bus Terminal, Station Area, Retail, Office, Residential, Public Space

CONCEPT - FLEXIBILITY

Key features: Flexible layout, Adaptable to future changes, Scalable design

DESIGN DEVELOPMENT

Key stages: Concept, Schematic, Detailed Design

REIMAGINING MANDWA ALIBANG

CONCEPT - FLEXIBILITY

Key features: Flexible layout, Adaptable to future changes, Scalable design

DESIGN PROCESS

Key stages: Concept, Schematic, Detailed Design

PROGRAMME DERIVED INTO 2 PART

Part 1: Transit Hub, Part 2: Station Area

PROGRAMME DERIVED INTO 2 PART

Part 1: Transit Hub, Part 2: Station Area

DESIGN PROCESS

DESIGN PROCESS

Key stages: Concept, Schematic, Detailed Design

PROGRAMME DERIVED INTO 2 PART

Part 1: Transit Hub, Part 2: Station Area

PROGRAMME DERIVED INTO 2 PART

Part 1: Transit Hub, Part 2: Station Area

THESES PROJECT - TRANSFORMING URBAN SPACES THROUGH TRANSIT ORIENTED DEVELOPMENT

MASTERPLAN & 3D VIEWS

Key features: Masterplan, 3D Views

3D VIEWS

Key features: 3D Views

THESES PROJECT - TRANSFORMING URBAN SPACES THROUGH TRANSIT ORIENTED DEVELOPMENT

LOCK BASSING

Key features: Lock Bassing

LOCK BASSING

Key features: Lock Bassing

FLOORWISE ZONING

Key features: Floorwise Zoning

FLOORWISE ZONING

Key features: Floorwise Zoning

LOCK BASSING

Key features: Lock Bassing

LOCK BASSING

Key features: Lock Bassing

SECTION OF TRANSIT HUB THROUGH BUS & STATION BUILDING

Key features: Section of Transit Hub

SECTION OF TRANSIT HUB THROUGH BUS & STATION BUILDING

Key features: Section of Transit Hub

M.Arch Computer Application
First Year

ACADEMIC YEAR 2019-20
Sinhgad College of Architecture, Pune



FORM EVOLUTION

- * Form is created as a basic form
- * Make suitable divisions and subtractive alterations / surface
- * Go on to get the experience of solid and void
- * Where solid is going to be used on drawing/3d
- * Void will be used as openings to get light and ventilation

STUDY MODEL

SECTION

TOP VIEW

REAR VIEW

SOUTH EAST ZONE AERIAL VIEW

SOUTH WEST ZONE AERIAL VIEW

NORTH WEST VIEW

STAMP

	PAVILION EXHIBITION CENTER AT PUNE	FACULTY NAME DR. SHRUTI CHAKRAE DR. NACHIKET DUMRE DR. ANANDEE ANGAL	STUDENT NAME ABHINAVAN S. ATHWAL CLASS: F.YMARCH ROLL NO. 1	STAMP
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ELEVATIONS	MATERIAL	VIEWS	
	<p>Shower wall of shower room - supported by floor plates</p>		
	<p>Stairs, Secondary and tertiary members in our structural design</p>		
	<p>4-Top shell with composite</p>		
MATERIAL	<p>2-Resin of fibreglass</p>		
	<p>3-Profile of members</p>		
	<p>1-Steel Mesh</p>		
<p>FIBER WEB COMPOSITE MATERIAL</p> <p>Fiber Reinforced Polymer (FRP) also known as "fiberglass" is made up of composite of fiber reinforcement and a polymer resin. Composite are used to create products that are lighter or small weight or curved, transparent or opaque</p>			

M.Arch Computer Application
Second Year

ACADEMIC YEAR 2019-20
Sinhgad College of Architecture, Pune

Ar. Shreyas N. Paranjape
 Institute-
 Department of Master's in
 Architectural Conservation
 STES's Sinhgad college of
 Architecture
 Mentor/ guide-
 Dr. Vaishali Inkar and Ar.
 Sonal Karanjikar

Aim:
 Comprehensive conservation proposal for Medieval
 period Paranda Land fort of Medieval period as a typology
 Maharashtra

Objectives:

- To understand the significance and evolution of Paranda Land fort of Medieval period as a typology
- To understand the nature and characteristics of Paranda Land fort
- Identification of existing potential and issues of Land forts



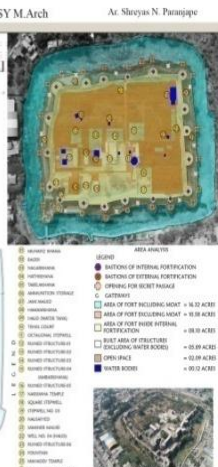
Glimpse of paranda fort

Introduction
 The typology of forts which has existed in the political boundary of Marathwada region is very identical to the precinct but has a different purpose compare to the typologies of forts. These forts were built with a specific purpose and are equally useful in offensive as well as defensive warfare and gives a clear idea that defense was the predominant feature of a fort.

Today some forts from Maharashtra are under the custody of ASI and some under the Directorate of Archaeology and Museum of Maharashtra. Few of them are isolated in the core city area and visited by tourist and locals. Few of



Ar. Shreyas N. Paranjape



Value Assessment of Paranda Land Fort

Category	Item	Value
Historical	Archaeological Remains	High
	Historical Significance	High
	Architectural Value	Medium
	Artistic Value	Medium
	Historical Context	High
	Historical Authenticity	High
	Historical Integrity	High
	Historical Representativeness	High
	Historical Rarity	High
	Historical Uniqueness	High
Cultural	Cultural Significance	High
	Cultural Value	Medium
	Cultural Context	High
	Cultural Authenticity	High
	Cultural Integrity	High
	Cultural Representativeness	High
	Cultural Rarity	High
	Cultural Uniqueness	High
	Cultural Significance	High
	Cultural Value	Medium
Aesthetic	Aesthetic Significance	Medium
	Aesthetic Value	Medium
	Aesthetic Context	Medium
	Aesthetic Authenticity	Medium
	Aesthetic Integrity	Medium
	Aesthetic Representativeness	Medium
	Aesthetic Rarity	Medium
	Aesthetic Uniqueness	Medium
	Aesthetic Significance	Medium
	Aesthetic Value	Medium

Visa statement for the proposal:
 Paranda taluka is having a high number of religious and heritage resources and has the potential to become a heritage destination of the Maharashtra state. By providing efficient infrastructure facilities and few development control guidelines, the Paranda village could become one of the most visited tourist destinations of Maharashtra state as well as India.

Also, a highly rich heritage value of Paranda fort has the potential to uplift its importance to world heritage sites with serial nominations of nearby similar architectural typologies of Indian Medieval period.

Aim:
 To make Paranda fort as a role model toolkit for serial nomination and restore it to its past glory by implementing few value addition proposals

Objectives:

- To promote the Paranda village as Heritage cum Religious village in Osmanabad district
- To identify tourist zones and give guidelines for development of infrastructure facilities
- To prepare development regulations for Paranda village, with inclusion of the Heritage zones
- To uplift the value of Paranda fort precinct by preparing a serial nomination dossier

General guidelines for Prohibited & Regulated areas:

- The designated precinct to be marked as a Heritage precinct in Development plan.
- No amalgamation of plots to be sanctioned as it leads to the high-rise structures with increase in area would lead to increase in FSI.
- Demolition of buildings not allowed without consent of the Heritage committee.
- No road widening would be permitted for peripheral road of precinct, it may lead to damage architectural character of the precinct.
- Traffic should be controlled to minimal by creating parking in the peripheral area and consolidated parking lots outside the heritage precinct.
- Additions and alterations will need approval from concerned Heritage Conservation Committee.
- Open spaces:**
 - The area should be maintained without being built upon.
 - No shops or hawkers' lines other than specified size to be approved by the development committee.
- Signs, Signages and Street furniture:**
 - At the entrance of the Heritage precinct, the signages depicting its importance and rules which are to be followed in Heritage precinct to be marked.
 - Proper indicators of nodes to be identified On the pedestrian lines.
 - Street furniture such as Electric and Telephone poles to be planned taking vision of the Heritage structures from street in to consideration.
- General guidelines for the Prohibited area of the fort precinct:**
 - Demolition:**
 - Demolition of any structure in the core area in part or whole, unless it is absolutely essential due to structural failure shall not be permitted.
 - Where it is necessary would require prior approval of the Heritage Committee.
 - Building height:**
 - Height should be strictly restricted to G+1 for the new construction / changes or alteration/ reconstruction within the demarcated core area of the precinct and should not go beyond 9m from ground level.
 - Colour code:**
 - In the core zone, the strict colour codes as per the guidelines to be followed as given by the Heritage Committee, which states as follows:
 - External facade (facing road) - White lime wash/natural white colour
 - Openings (Doors and windows) - to be followed the strict pattern of colour coding which includes Blue/Green is to be used.
- General guidelines for the Regulated area of the fort precinct:**
 - New construction/reconstruction norms as follows:
 - Building Height, Planning elements, Architectural Treatment and features, recommended finishes and materials and street edge.
 - Additional floors to follow the same features designated in development plan.
 - Reconstruction will be allowed without change in land use and with existing F.S.I.
 - Character of the area and element must be retained, since it has characteristic ambience.
 - In the Regulated area the building height would be allowed to G+2 floors.



M.Arch Architectural Conservation Second Year