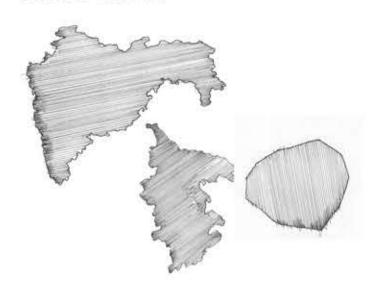




SITE JUSTIFICATION

THE MOUNI MAHARAJ SAMADHI COMPLEX, SITUATED IN PATGAON, HOUSES THE SAMADHI OF SAGE (DHARMGURU) MOUNI MAHARAJ. IT WAS CONSTRUCTED BY CHHATRAPATI SHIVAJI MAHARAJ AS AN TRIBUTE TO MOUNI MAHARAJ. YEARS PASSED AND THE SEEKERS FOR HIS BLESSINGS INCREASED MIGHTILY. THUS CAME THE ADDITION OF PILGRIM RESIDENCES, VED SHALA AND BHOJAN SHALA IN THE COMPLEX FOR PILGRIMS. THE SEMI-SACRED SAMADHI COMPLEX INTRICATE MARATHA ARCHITECTURAL STYLE AND GIVES AN IDENTITY TO THE VILLAGE. NOT BEING MAINTAINED PRESENTLY, THE COMPLEX REPRESENTS THE DILUTED EXPRESSIONS OF ARCHITECTURE EVOLVED WITH TIME, PRESERVING .TRADITIONS IN ITS WAKE

LOCATION



PATGAON -GARGOTI LATITUDE - 16.127°N,73.9463°E

CLIMATIC CONTEXT

SUMMER WARMEST MONTH APRIL

AVG TEMP 22.8 C WINTER DRIEST MONTH JANUARY 27.6 C AVG TEMP ANNUAL AVG 4KM/H

IMPACT

WINDSPEED

AVG RAINFALL

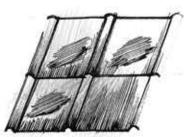


3653MM

BASALT STONE AND LATERITE STONE DETERIORATED DUE TO HEAVY RAINFALL

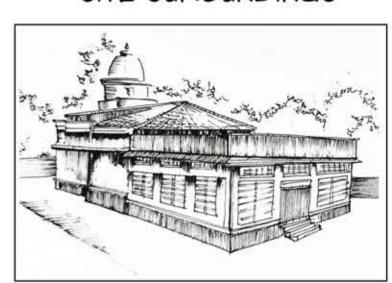


TIMBER POST GETS EXPOSED TO TERMITES, DUE TO CONTINUOUS EXPOSURE TO HEAVY RAINFALL AND WINDSPEED.

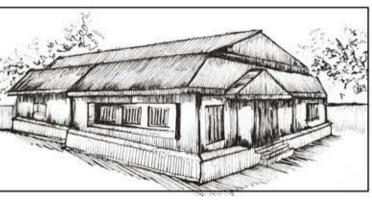


WHEN THE COPPER SHEETS ARE CONTINOUSLY EXPOSED TO MOISTURE, IT GETS OXIDISED AND TURNS GREEN.

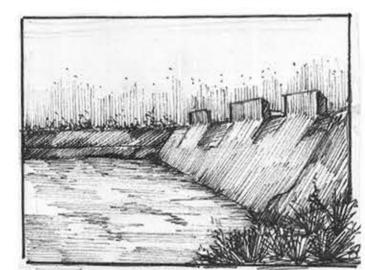
SITE SUROUNDINGS



BHADARKALI TEMPLE

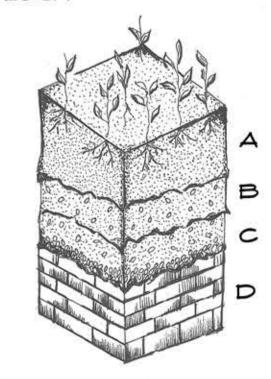


LINGARAJ TEMPLE



PATGAON DAM

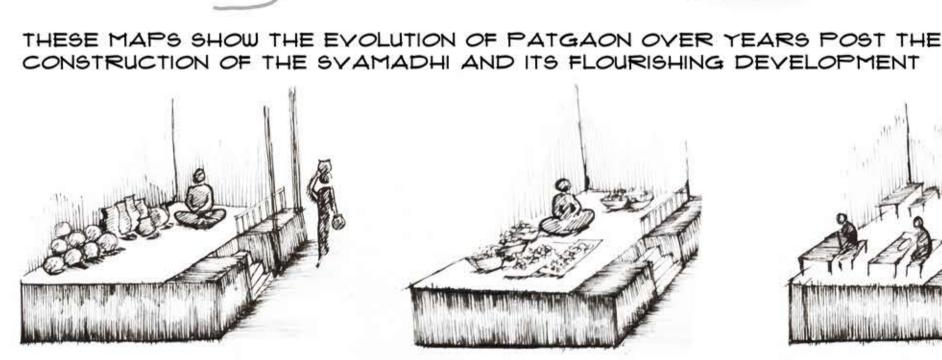
GEOLOGY



B - REGOLITH IS A LOOSE HETEROGENOUS SUPERFICIAL DEPOSIT COVERING THE ROCK

C- SAPROLITE IS A CHEMICALY WEATHERED ROCK

D- BEDROCK IS A LITHIFIED ROCK



EVOLUTION MAP I

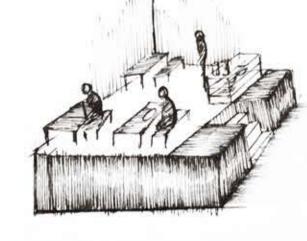
THE SCULPTORS ARE IN GREAT PROFIT DURING FESTIVE SEASON SINCE



EVOLUTION MAPI 2

OFFERINGS LIKE FLOWER COCONUTSARE MADE THESE SHOPS ALSO GAIN A LOT OF

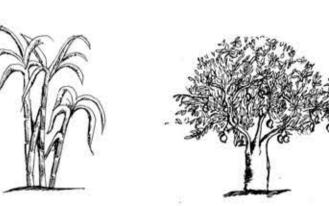
INFLUENCE OF STRUCTURE ON SURROUNDING



EATERY'S ECONOMY INCREASES DUE TO INCOMING OF MORE CUSTOMERS

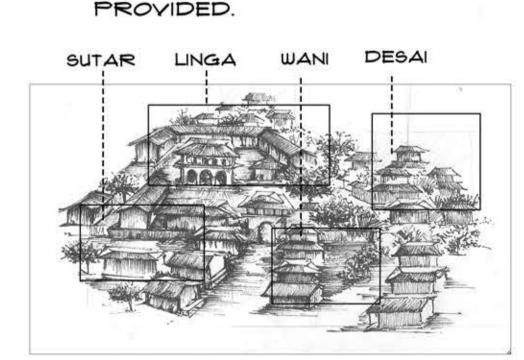
VEGETATION



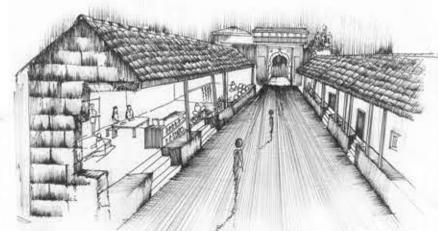


SUGARCANE

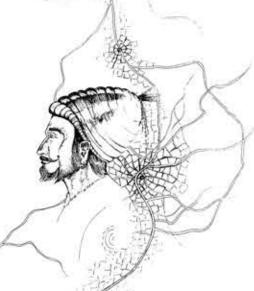
THE HARD STRATA IS NEARER TO THE SURFACE THEREFORE SHALLOW FOUNDATION IS FOUND IN THAT AREA. SINCE THE WALLS ARE CARRYING THE DEAD LOAD OF THE UPPER STRUCTURE, STRIP FOUNDATION HAS BEEN



CASTES NAMELY THE SUTAR WANI DESAI NAIK AND LINGA OUT OF WHICH THE MAJORLY POPULATED GREW THE SETTLEMENT AROUND THE SITE



INFLUENCE FROM MARATHA ARCHITECTURE

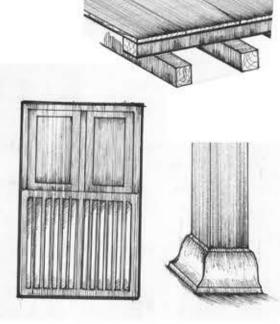


THE INLUENCE OF MARATHA ARCHITECTURE CAN BE SEEN IN MOUNI MAHARAJ MATH WHICH IS INSPIRED FROM THE BHAVANI MANDAP IN KOLHAPUR .THIS ARCHITECTURE STYLE REACHED PATGAON DUE TO THE INFLUENCE OF SHIVAJI MAHARAJ.

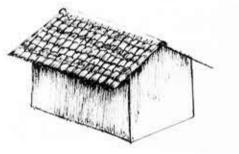
DEPICTION OF WADA ARCHITECTURE

·UPPER FLOORS WERE MADE UP OF GRIDS OF GIRDERS AND JOIST ON WHICH WOODEN PLANKS WITH MUD MORTAR WAS LAID TO KEEP THE INTERIOR COOL

.THE BASE OF THE TIMBER POST IS MADE UP OF STONE THE WINDOW OPENINGS ARE LINED WITH WOODEN GRILLS



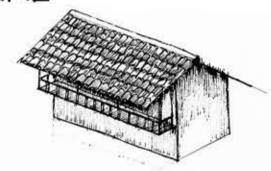
ARCHITECTURAL FEATURE



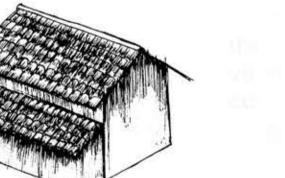
A SIMPLE SLOPING ROOF WITH GABLE END OR HIP ROOF



LEAN TO ROOF IS EXTENDED SUPPORTED ON THE WALLS CREATING .A LIVING SPACE



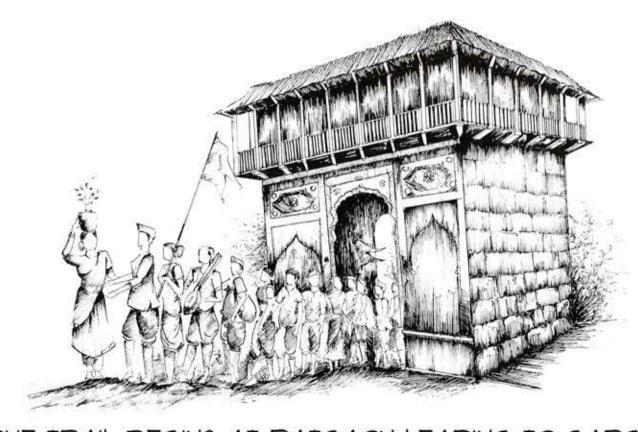
SLOPING ROOF WITH PROJECTED BALCONY WHICH ACT AS SHADING DEVICE



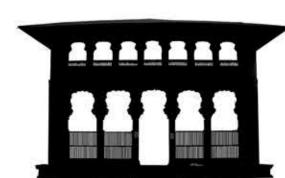


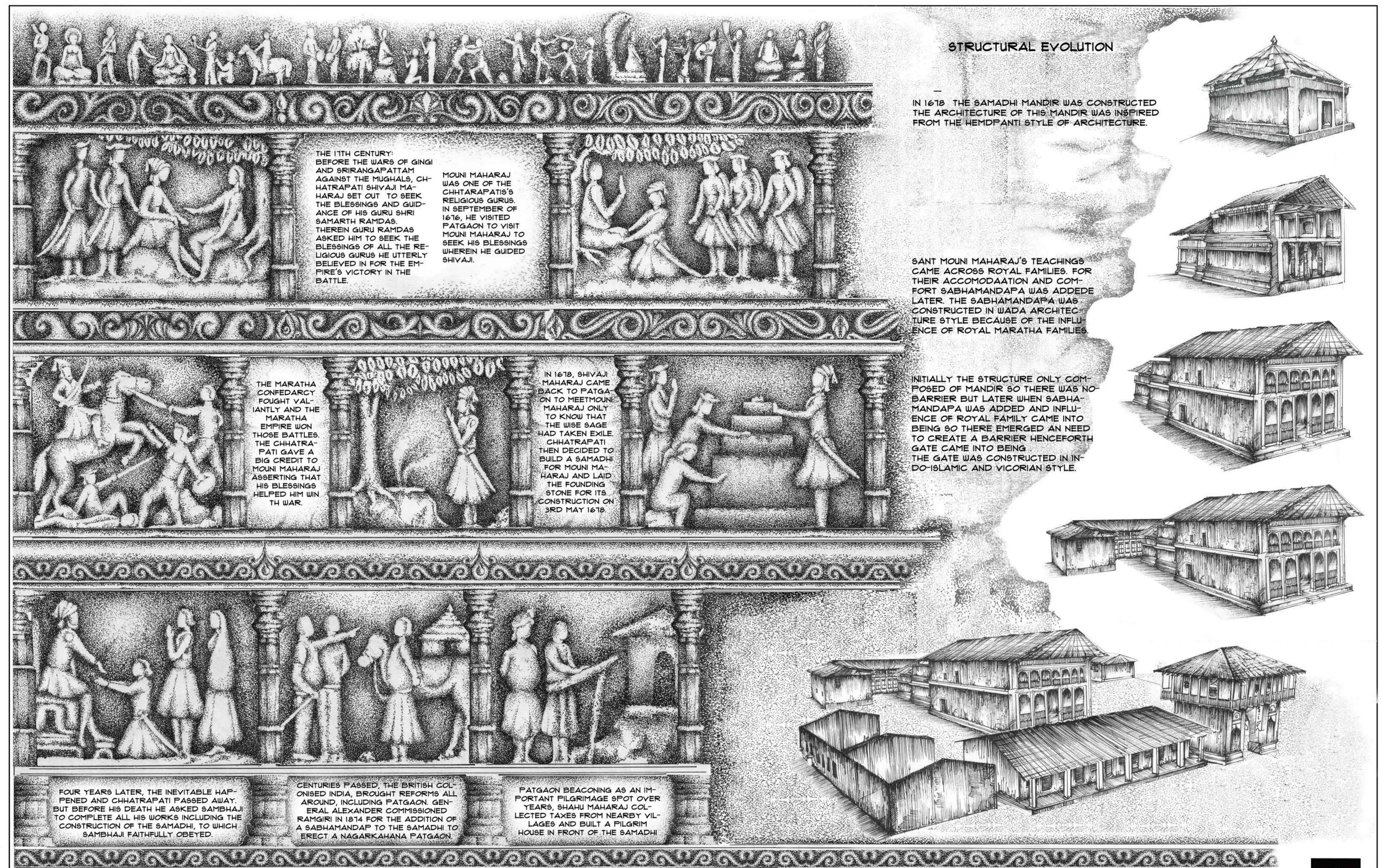
LEAN TO ROOF EXTENDED SUPPORTED ON THE COLUMNS CREATING A SITTING SPACE

NASA



THE TRAIL BEGINS AT PATGAON LEADING TO GARGOTI, VILLAGES IN THE WAY, WITH EACH VILLAGE 8 COVERING JOINING IN, CONSECUTIVELY SIGNIFICANTLY, THE TRAIL BRINGS TOGETHER THE DIFFERENT COMMUNITIES OF THE VILLAGES



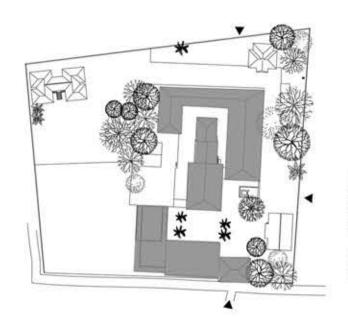




SHREE MOUNI MAHARAJ SAMADHI



SPATIAL ORGANISATION



BUILT UP AREA 1634 OPEN BUILT UP

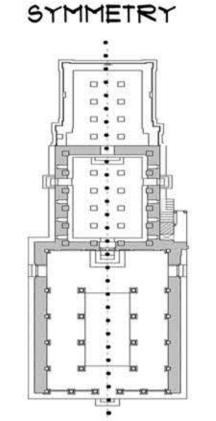
ACCESS

PRIMARY ACCESS IS PROVIDED FROM THE DIRECTION OF THE NA-TWO SEPARATE ENTRIES ALONG THE

SOUTH AND WEST DIRECTIONS HAVE BEEN PROVIDED

HEIRARCHY

DESIGN PRINCIPLES



THE STRUCTURE IS IN BILATERAL SYMMETRY DIVIDED ALONG THE NORTH SOUTH AXIS.

VASTUSHASTRA

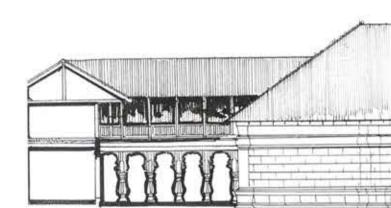


THE SHAPE OF THE BUILTMASS IS RECTANGULAR WHICH CREATES VIBRATIONS APPROPRIATE FOR PEACEFUL AND TRANQUIL PATTERN OF LIFE. THE SHORTER SIDE SHOULD BE FACING ALONG NORTH AND SOUTH AXIS



THE EXTENTED PART OF THE

SAMADHI HAS THREE LEVELS



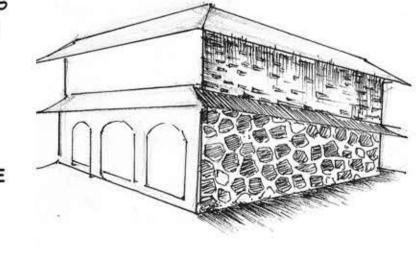
THE PROPORTIONS OF LARGER COURTYARD ARE IN ACCORD-ANCE TO THE HUMAN SCALE THEREBY PROVIDING SPACE FOR THE PEOPLE TO CARRY OUT THEIR ACTIVITIES AND ALSO FACILITATES CIRCULATION OF AIR AND LIGHT

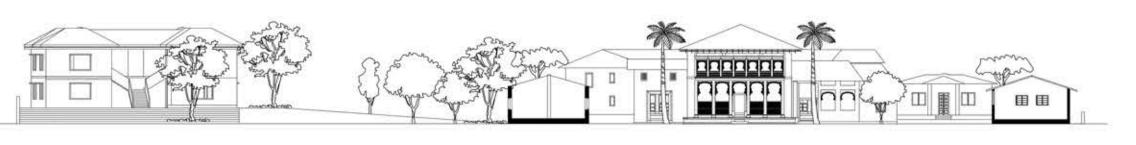
STRUCTURE IN ACCORDANCE TO CLIMATE

MATERIAL

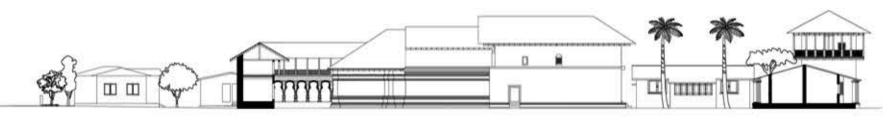
FLOORING -BASALT STONE IS USED WHICH HELPS KEEPING THE INTERIORS WARMER IN WINTER AND COOLER IN SUMMER.

WALLS - LATERITE STONE WALL ACT AS A INSULATOR WHICH DOES NOT ALLOW THE WARM AIR TO GET IN ..

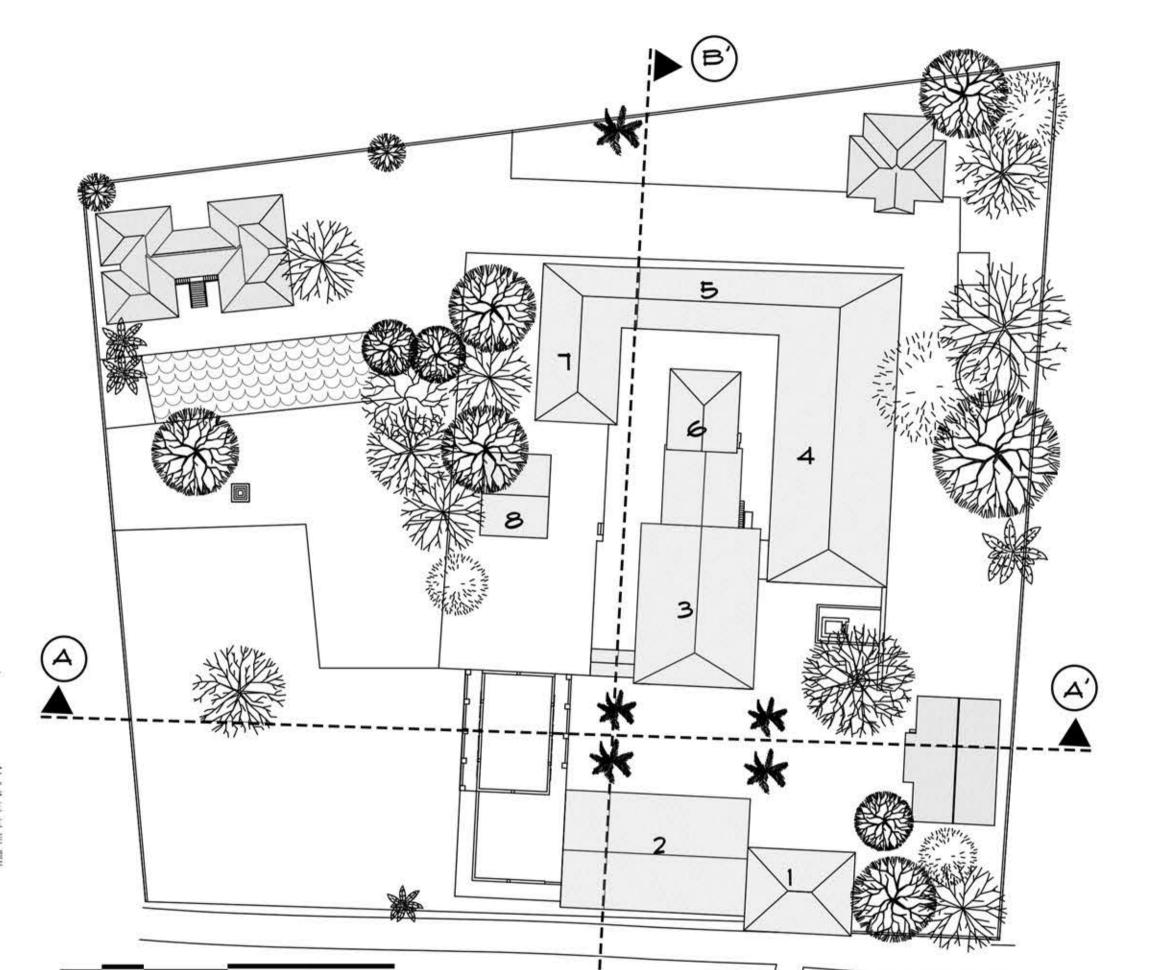




SECTION AA



SECTION BB



LEGEND:-

SCALE IN METERS

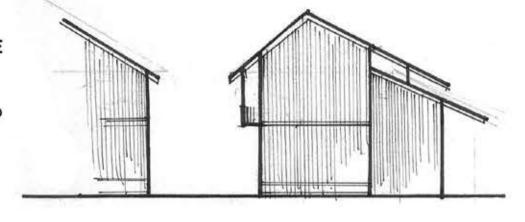
I. MAHADWARA 2. PILGRIM RESIDENCE 3. SABHA MANDAP 4. BHOJANALAYA 5. PILGRIM RESIDENCE

SHADING DEVICES

AT THE OUTER FACADE OF THE STRUCTURE, THE ROOF IS PROJECTED OUT TO PROVIDE SHADE

6. SAMADHI MANDIR 7. DORMITORY

SINCE THE INNER COURTYARD DOES NOT RECEIVE HARSH SUNLIGHT, NO SHADING DEVICES HAVE BEEN PROVIDED IN THE INNER SIDE



(B)

8. SAMADHI

PASSIVE COOLING TECHNIQUES

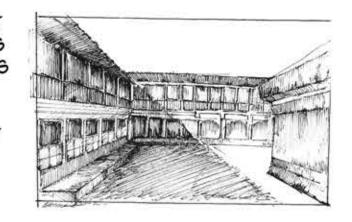
SITE PLAN

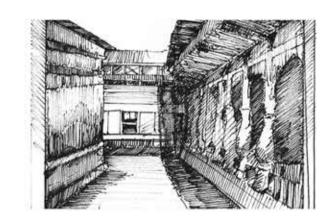
THE POSITIONING OF THE WIN-DOWS WERE SUCH THAT IT FA-CILITATES CROSS VENTILATION

OPENING THE SLANTING WINDOW PROFILE PERMEATES MORE DAYLIGHT INTO THE STRUCTURE PASSIVE COOLING STRATE-

LIK PRINCIPLE

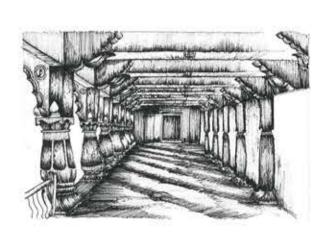
THE SHADOW CREATED BY THE COURT BUILDING FALLS ON THE FOREGROUND, THUS CREATING AN COMFORTABLE SPACE FOR KIDS TO PLAY AND OTHER LEISURE ACTIVITIES.



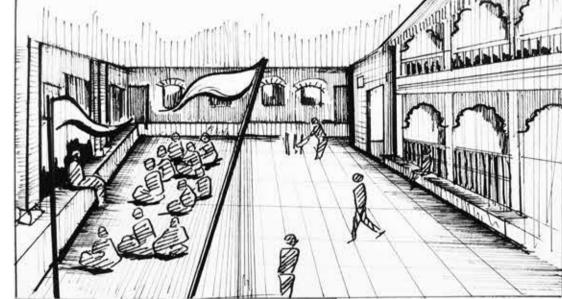


THE SPACE BETWEEN THE SAMADHI BUILDINGS IS SHADED FROM SUNLIGHT, THE FIRST AND LAST RAY OF SUNLIGHT FALLS ON THE COPPER TORTOISE.

THE LIGHT AND SHADOW PLAY IN THE OSARI CREATED BY THE COMBINATION OF COLUMNATES AND BEAM SHOWS HARMONY OF LIGHT AND SPACE.



FESTIVE SEASON



GATHERING AND FOR HAVING PRASAD MEALS AT THE TIME OF UTSAY.

WHEN THE FESTIVE SEASON CONCLUDES' THE COMPLEX IS USED AS A COMMUNITY SPACE FOR THE VILLAGE. THIS SHOWS THE MULTIPURPOSE TRANSITION OF THIS COMPLEX FROM SACRED TO SEMI SACRED.



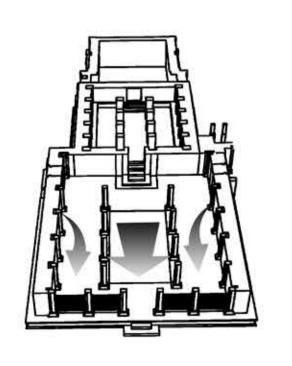
TIMEMAPPING

TIME :- 5:00

MANGO TREE

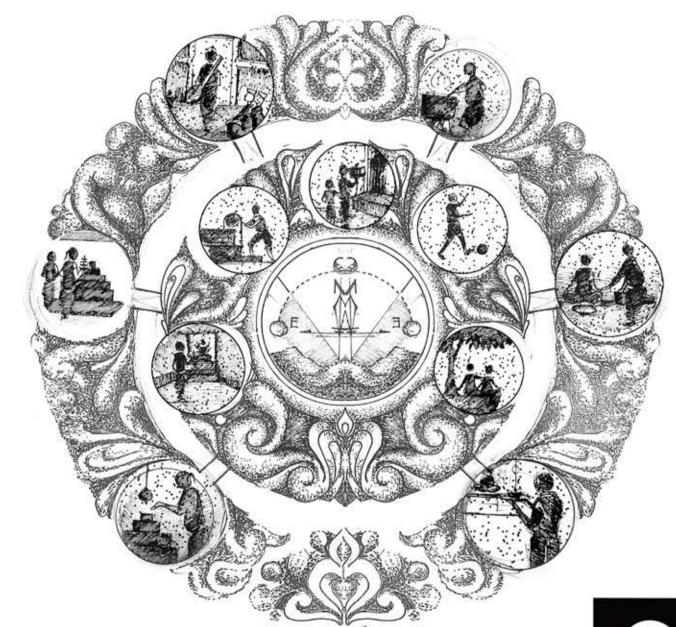
IN THE MORNING, LADIES OF THE VIL-LAGE COME TO DRAW WATER FROM THE WELL IN THE FRONTYARD OF SAM-ADHI, CHILDREN PLAY AFTER THEIR SCHOOL HOURS

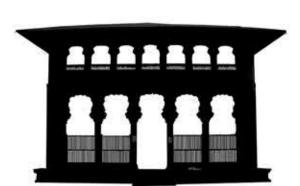
PEOPLE FROM THE VILLAGE COME THERE IN THE EVENING AFTER THEIR MUNDANE WORKING HOURS FOR A PEACEFUL TIME



VEGETATION

PLANS





SHREE MOUNI MAHARAJ SAMADHI

LOUIS.I.KAHN TROPHY 2019-20

MAHADARWAJA

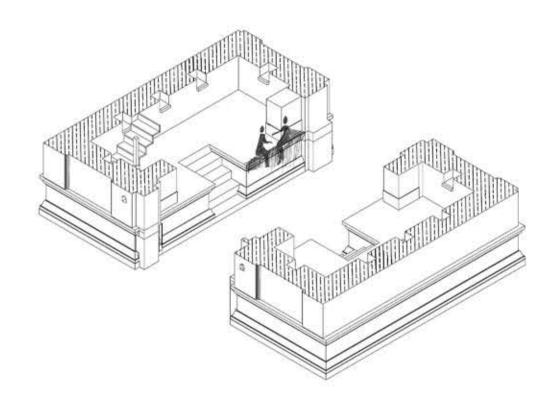
- TOTAL AREA :- 18.50 SQ.M
- · NAGAR KHANA/GATEWAY MARKS THE ENTRANCE TO THE SAMADHI COMPLEX. . THE GATEWAY WAS BUILT IN THE YEAR
- . THIS STRUCTURE MAINLY USED TO SERVE THE PURPOSE AS NAGAR KHANA.
- · THE STRUCTURE HAD AN INDO-ISMALIC INFLUENCE.
- . TYPICAL SLOPING ROOF STYLE WAS OBSERVED IN THE GATE WHICH IS A PREVAILING FEATURE IN THIS AREA.

FUNCTIONALITY

· NAGAR KHANA

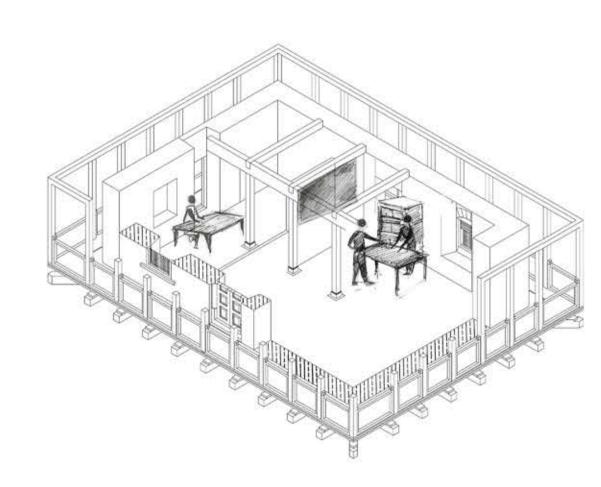
GROUND FLOOR : JIBHI

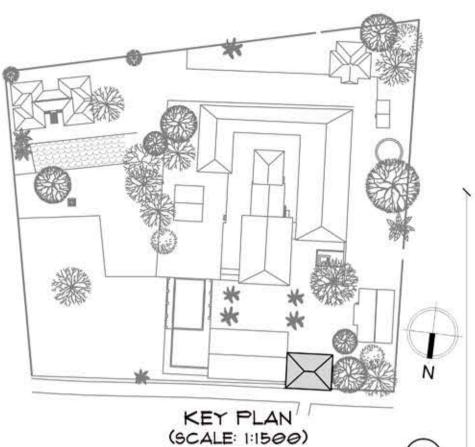
THE GATEWAY HAD AN INTERNAL PASSAGE KNOWN AS JIBHI. JIBHI CONSISTS IN RAISED SIDE PLINTH WHICH SERVED AS INTERACTION SPACE BETWEEN THE SENTRIES AND THE MASSES. THIS ALSO FUNCTIONED AS A SITTING PLACE FOR ACCOMODATING THE OUTSIDERS. THIS ALSO MAINTAINED AS HINDRANCE FROM DIRECT ACCESS TO THE COMPLEX.

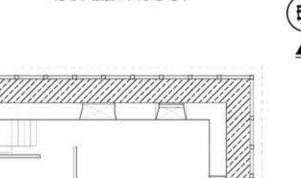


FIRST FLOOR : NAGARKHANA

THE FIRST FLOOR OF THE GATEWAY HOLDS THE NAGAR KHANA, A DRUM HOUSE .IT WAS ALSO USED AS AN ADMINISTRATIVE OFFICE AND WATCHPOST. THE NAGAR KHANA WAS MORE OFTENLY USED TO SEEK VILLAGERS AND PILGRIMS ATTENTION FOR ANNOUNCEMENT AND GATHERING MASSES NEAR THE ENTRANCE.

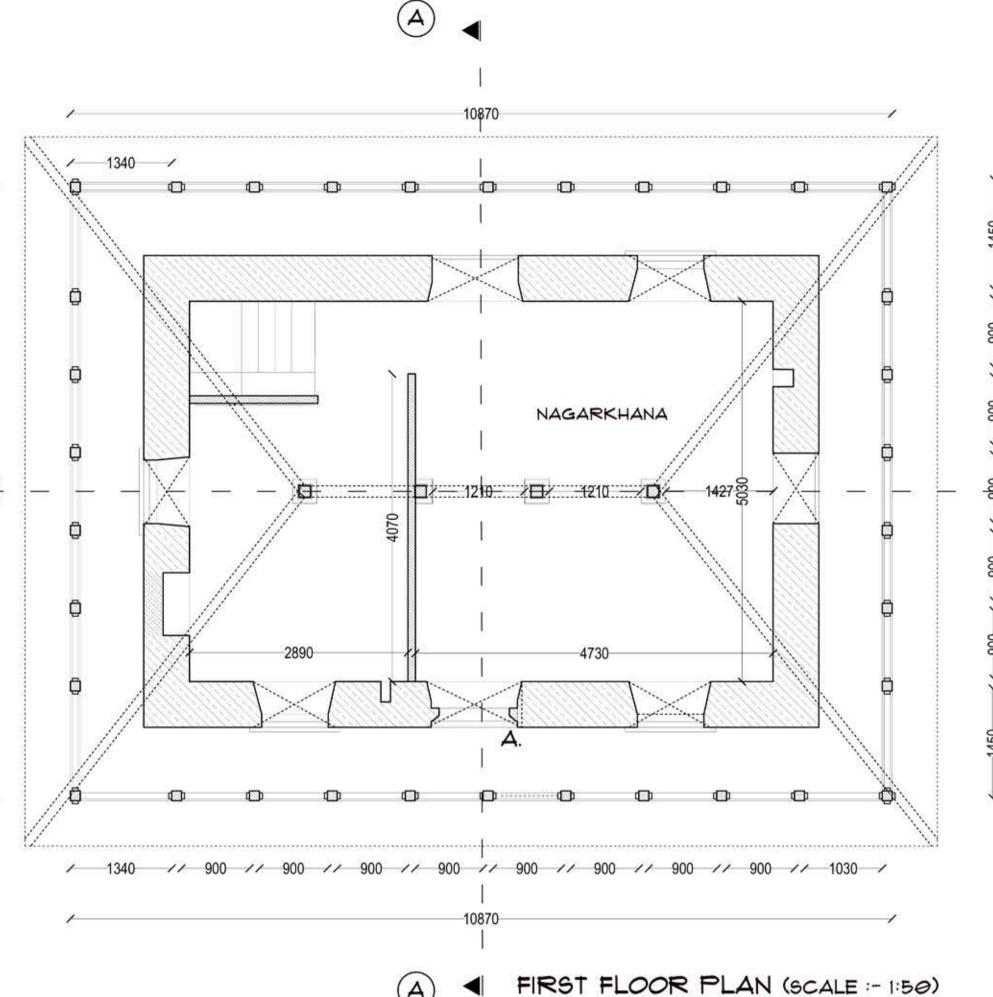


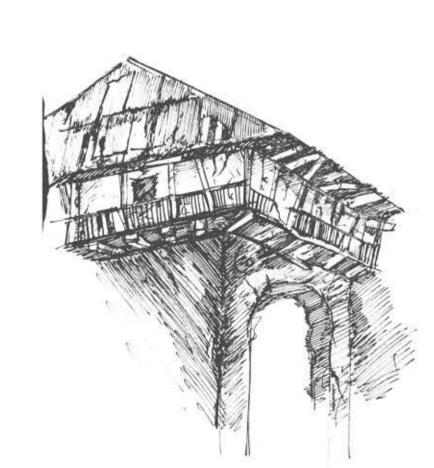




CIRCULATION

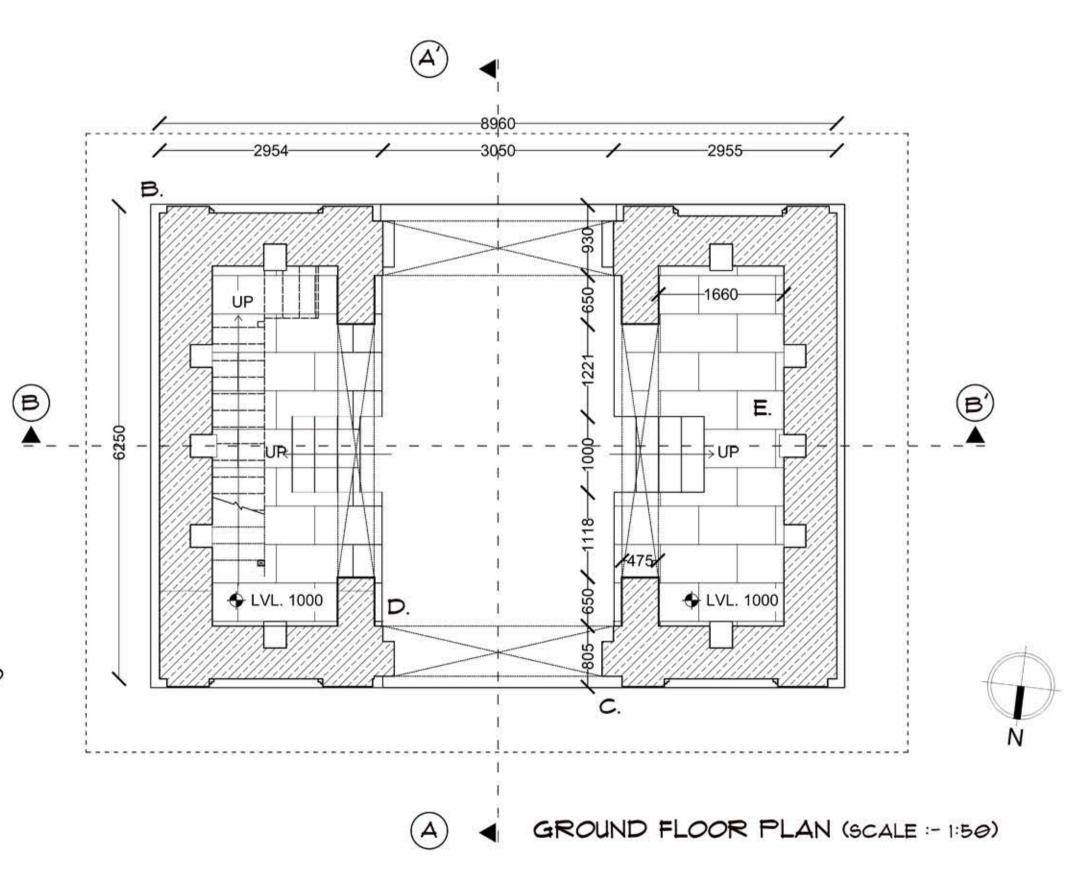
INSTEAD OF PROVIDING FIRST FLOOR OVER GROUND FLOOR CANTILEVER BALCONY IS PROVIDED FOR CIRCULATION ON FIRST FLOOR. SO THE AREA THAT IS SAME AS THAT OF GROUND FLOOR CAN BE TOTALLY USED AS CARPET/FLOOR AREA ON FIRST FLOOR.





BEHAVIOUR ANALYSIS

UPPER FLOOR OF MAHADARWAJA WAS DETERIORATING HENCE RETROFICATION WAS NECESSARY. COLUMNS AND BEAMS WERE WEATHERING OUT DUE TO TERMITE ACTION AND WEATHER EFFECTS.ALSO FLOOR ON THE BALCONY SIDE WAS ON THE VERGE OF COLLAPSING.



TECHNICAL ADVANCEMENTS

RINGS



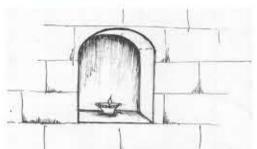
PURPOSE: - THE RINGS SERVED THE PUPOSE OF TIEING THE HORSES OF THE WARRIORS.

KHUNTI

PURPOSE: - SOLE PURPOSE OF THE KHUNTI WAS TO HANG IN THE CLOTHES OR BAGS OF THE SERVING SENTRIES

KONADA

B



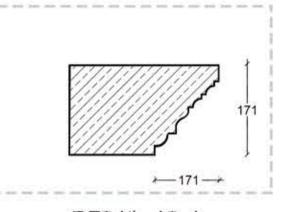
THE PURPOSE OF THE KONADA IS TO FACILITATE STORAGE AND OIL LAMPS.

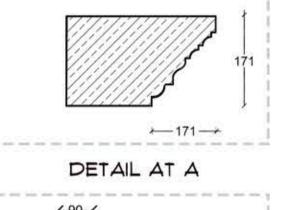


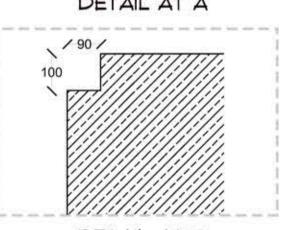


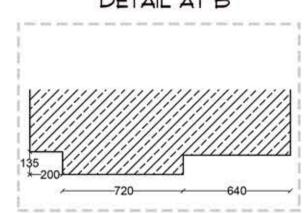
LOCKING SYSTEM

HOLES ON EITHER SIDE OF THE OPENING ARE PROVIDED TO INSERT THE WOODEN LOG AS LOCKING SYSTEM.

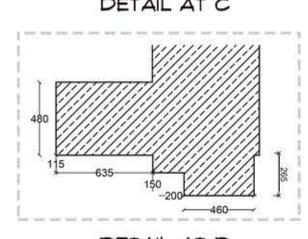




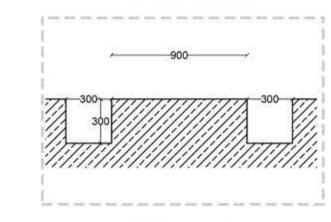




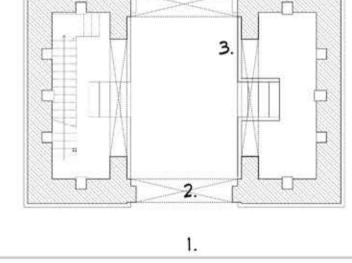
DETAIL AT C

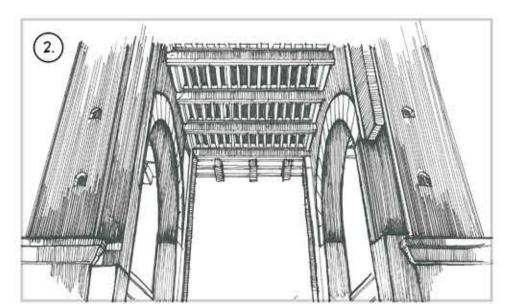


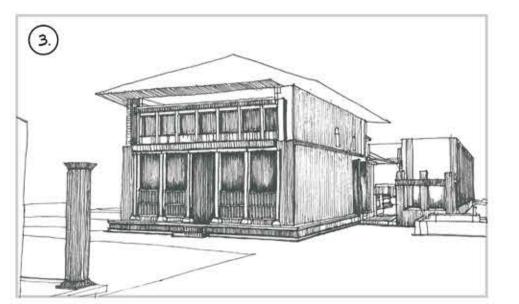
DETAIL AT D



DETAIL AT E

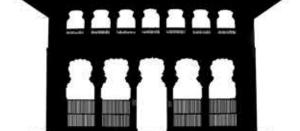




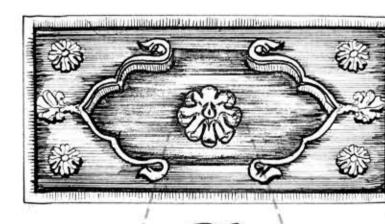


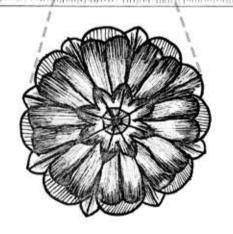
ALL DIMENSIONS ARE IN MM





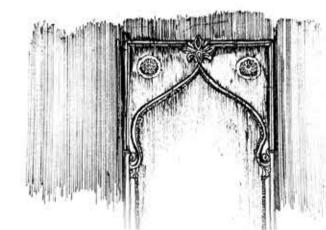
MAHADARWAJA ---**♦** LVL. +11294 POINTED ARCH A POINTED ARCH PLACE MORE STRESS ON THE VERY TIP OF THE ♣ LVL. +8630 ARCH, WHICH ACTUALLY CONCENTRATES, RATHER THAN EVENLY DISTRIBUTES THE PRESSURE. OGEE ARCH ---**♦** LVL. +5950 ---**♦** LVL. +5950 WHEN TWO DOUBLE CURVES(O-1 11 11 11 11 11 11 GEE CURVES) MEET AT THE APEX IT IS CALLED OGEE ARCH. MULTI-FOLIATED ARCH IT IS CREATED BY OVERLAPPING OF CIRCLES AND SYMMETRICAL LEAF SHAPES. ---**♦** LVL.+1080 KIRTIMUKHA -◆ LVL.+0000 ◆ LVL.+0000 IT IS THE SWALLOING FIERCE SECTION AA SCALE:- 1:50 MONSTER FACE WITH HUGE FLANG SECTION BB SCALE:- 1:50 AND GAPING MOUTH VERY COMMON MOTIF ON HINDU TEMPLE ARCHITECTURE -**♦** LVL. +11294 ---**♦** LVL. +11294 MOTIFS



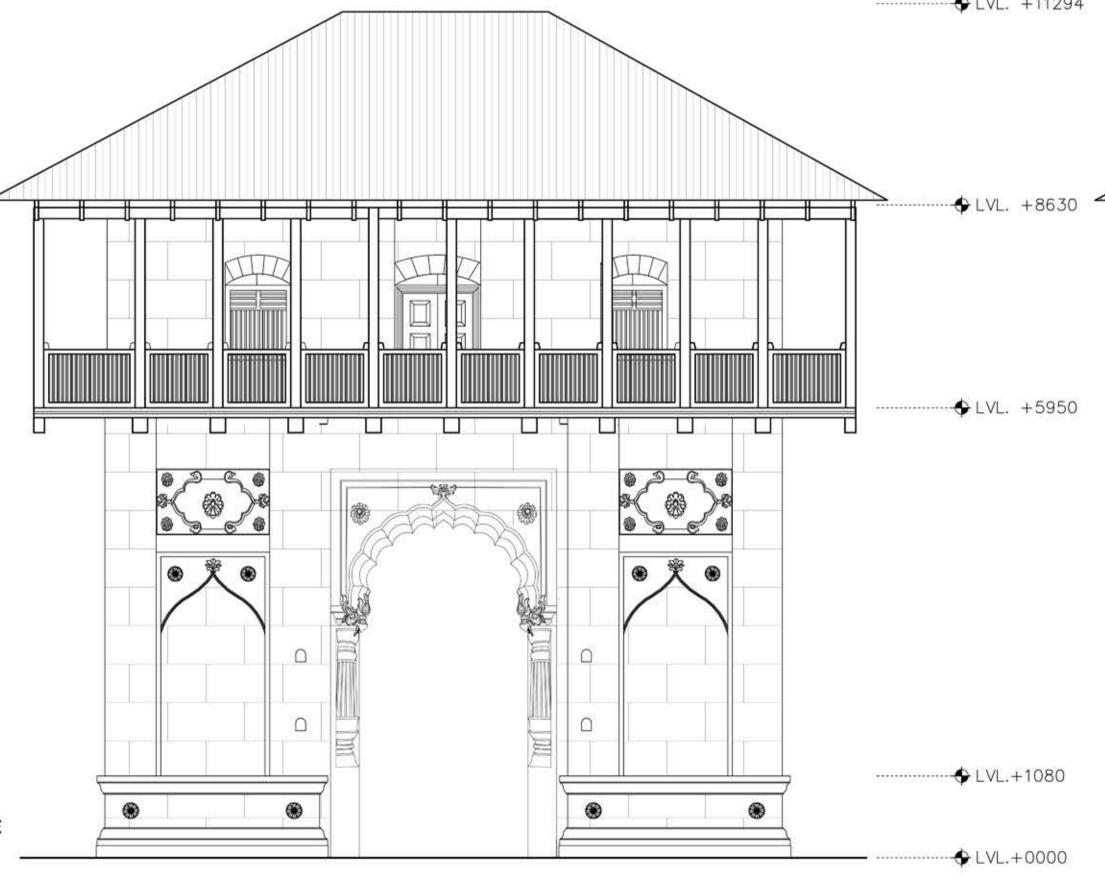


KELFULACHI NAKSHI BANANA FLOWER CARVING

· THIS IS BASED ON WADA ARCHITECTURE WHERE CUSPED ARCHES ALSO CALLED MAHIRAPI KAMAN ARE CASCADED TO ACHIEVE GREATER LENGTHS OF MODULAR STRUCTURES.



PURPOSE:- THE GEOMETRY OF STRUCTURE IS PURELY ENHANCE BY USE OF AEDICULES, THE ARCHITECTURE FRAMEWORK ON THE WALL SERVED AS AN ELEMENT OF ARCHITECTURAL COMPOSTION ON WALL SURFACE.

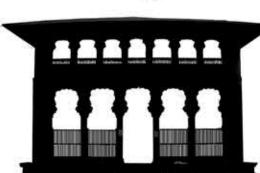


-**♦** LVL. +8630 -**♦** LVL. +5950 -**♦** LVL.+1080 ♣ LVL.+0000

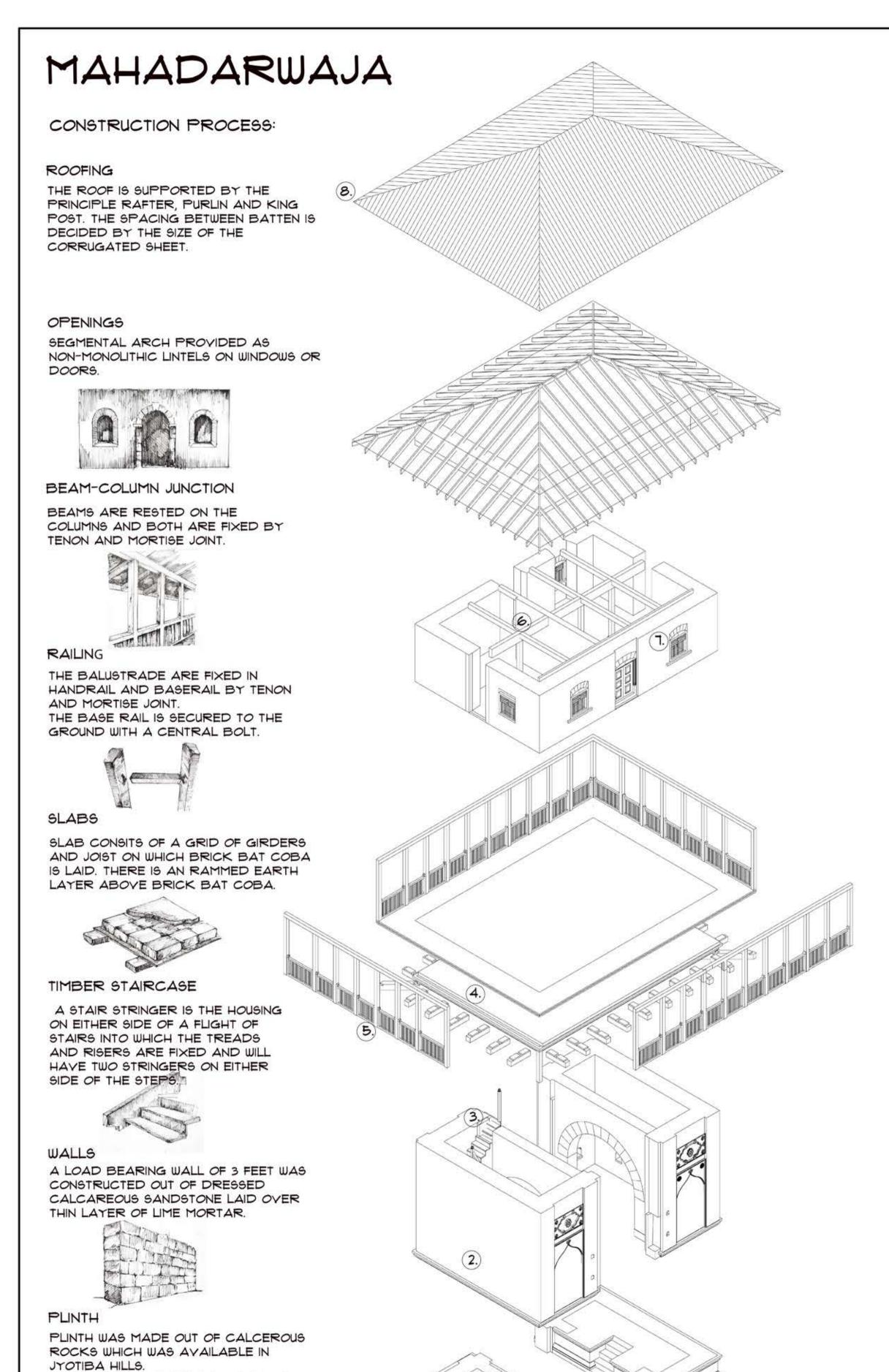


FRONT ELEVATION SCALE :- 1:50





SHREE MOUNI MAHARAJ SAMADHI



ARCH

THE ARCH WAS MASSIVE IN SIZE SO AS TO ALLOW THE ELEPHANTS AND HORSES TO MOVE THROUGH EASILY.

FORMATION OF ARCH:-



1. THE STONES ARE PLACED IN THE MOULD .THIS PROCESS IS DONE ON THE GROUND.



2.WOODEN FORMWORK IS BUILT.



3.IN THIS FORMWORK THE STONES ARE PLACED.

TOOLS TO CARVE THE STONE





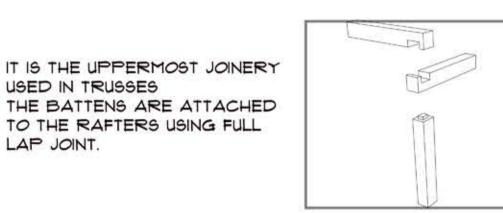


TOOTHED

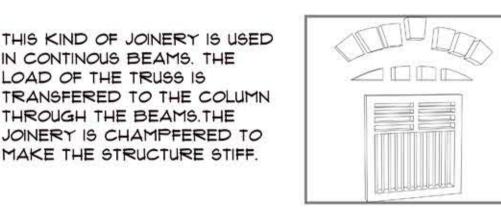
MASONARY CHISEL

JOINERIES

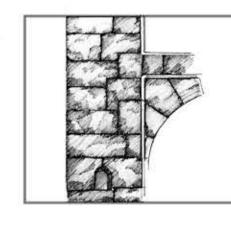
STONE



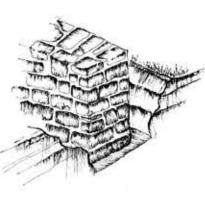
THIS JOINERY IS USED IN THE ENTRANCE GATE FOR COLUMN JUNCTION THESE JOINERIES ARE USED IN CORNERS WITHOUT ANY KIND OF NAILINGS. THE COLUMN IS ATTACHED TO THE BEAM USING HALF LAP JOINT.



THE SEGMENTAL ARCH ACTS AS A LINTEL. FILLER STONE IS PROVIDED ABOVE THE DOOR FRAME. IT CARRIES THE WEIGHT OF THIS LAYER OF FILLER STONE.



UNCOARSED INTERLOCKING OF STONES IS DONE RATHER THAN THE TRADITIONAL COARSED INTERLOCKING METHOD TO AVOID THE USAGE OF MORTAR.

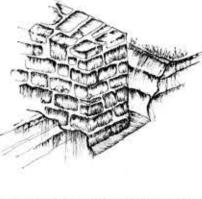


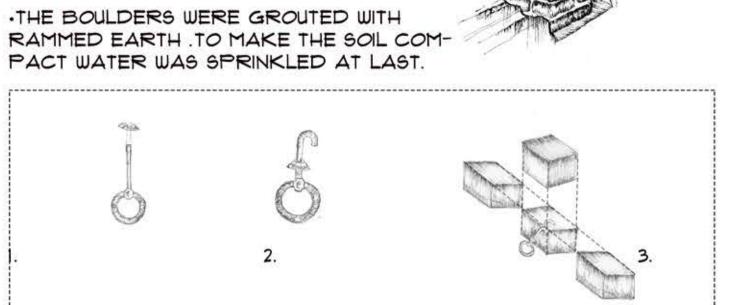
CORRUGATED SHEET

PURLIN (100 × 100)

PRINCIPLE RAFTER

(2400 × 1200)





BALCONY

FOUNDATION

BOULDERS.

THE GIRDER EXTENDED FOR THE BALCONY SUPPORTED BY THE WALL ACTING AS A COUNTERWEIGHT.

THE FOUNDATION IN THOSE DAYS WAS

DONE BY DIGGING A TRENCH

WHICH WAS FILLED IN WITH

1. THE BEAMS ARE DIRECTLY INSERTED IN THE WALLS BY PROVIDING SUPPORT ON THREE SIDES HENCE GIVING MORE CANTILEVER WITH LESS OVERLAP.

WOODEN PLANKS ARE LAID

OVER BATTENS ON WHICH A

DUNG.

USED IN TRUSSES

LAP JOINT.

TO THE RAFTERS USING FULL

IN CONTINOUS BEAMS. THE

THROUGH THE BEAMS. THE

COMBINATION OF RAILING

STYLES BALUSTERS ARE

RAIL ALONG WITH TWO SIDE

ENGROVED INTO TOP AND

BOTTOM RAIL BY TENON AND

MORTISE JOINT. FOR BETTER

RIGIDITY THESE JOINTS ARE

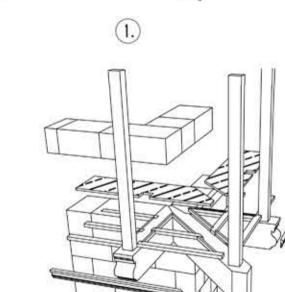
CHAMPFERED

CONSITS OF TOP AND BOTTOM

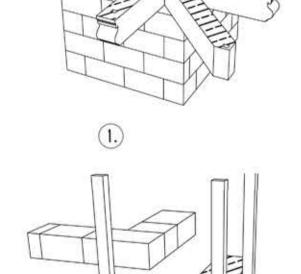
MAKE THE STRUCTURE STIFF.

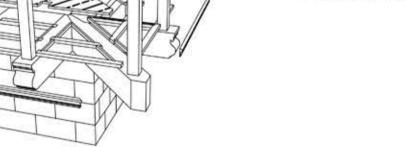
LOAD OF THE TRUSS IS

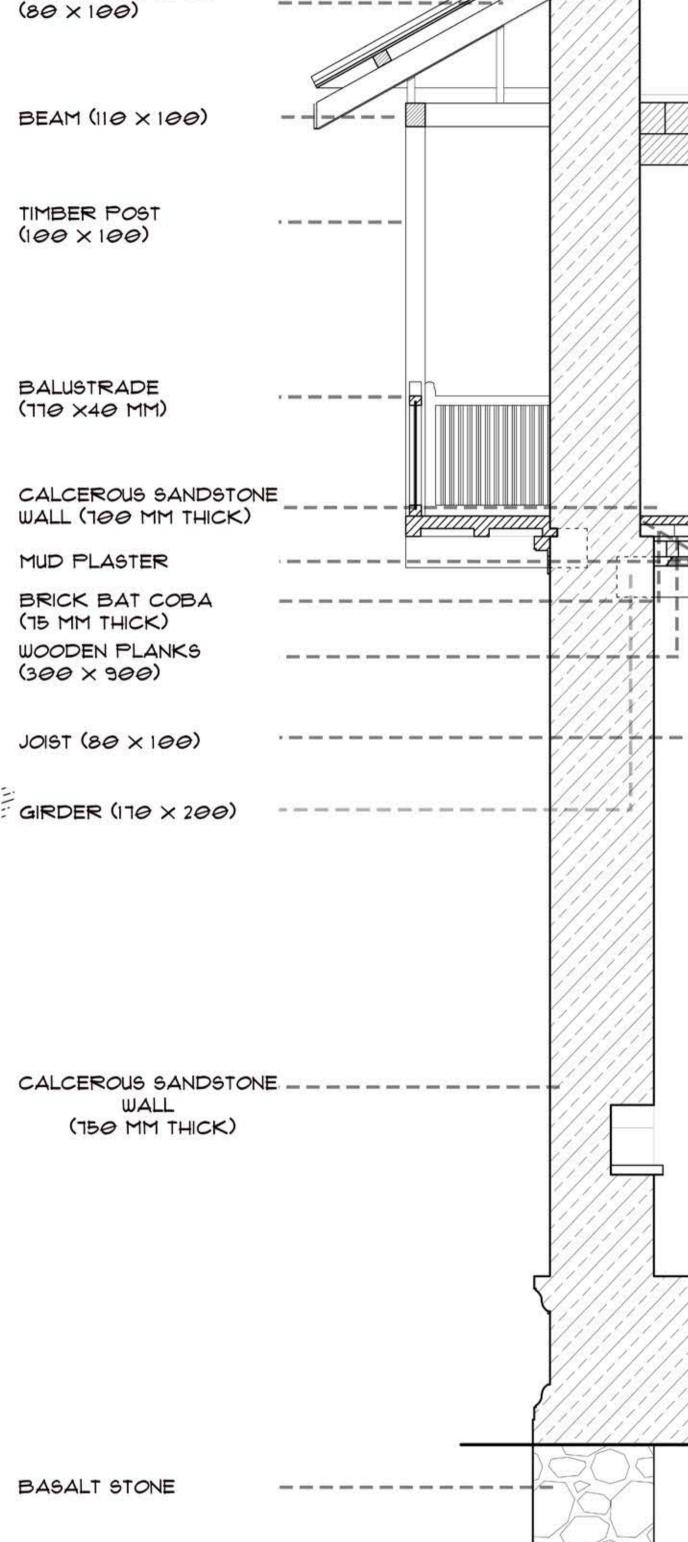
LAYER OF RAMMED EARTH IS

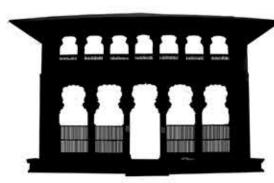


WOODEN PLANKS ARE LAID OVER BATTENS ON WHICH A LAYER OF RAMMED EARTH LAID WHICH IS FINISHED BY COW- IS LAID WHICH IS FINISHED BY COWDUNG.









THESE ROCKS WERE LAID ON A THIN

LAYER OF LIMESTONE MORTAR.

UPTO TO A HEIGHT OF I.IM.

SHREE MOUNI MAHARAJ SAMADHI

RAMMED EARTH

SABHA MANDAPA

INTRODUCTION

TOTAL AREA :- 508.63 SQ.M SABHAMANDAP WHICH MEANS A 'GATHERING HALL' WAS BUILT AS AN EXTENSION OF THE SAMADHI MANDIR. - IT WAS BUILT BY RAMGIRI UNDER

- BRITISH ORDERS IN 1874. - IT WAS USED FOR WORSHIPPING ACTIVITIES.
- ARCHITECTURAL STYLE: WADA ARCHITECTURE
- CENTRE OF SOCIAL GATHERINGS AND RELIGIOUS ACTIVITIES THE UPPER FLOOR WAS USED FOR ROYAL GATHERINGS.

DUE TO THESE ACTIVITIES THE STRUCTURE SERVES ITS SEMI SACRED PURPOSE

- THE ROYAL FAMILY PERFORMED THEIR WORSHIPPING RITUALS IN ANTRALAYA WHILE THE UPPER

SPACE FUNCTIONALITY

COLUMN GRID:

WITHIN THE AVAILABLE LAND AREA, A STRUCTURAL GRID COMPRISING OF A CONFIGURATION OF SQAURE UNITS WAS EXPRESSED IN LOCAL PARLANCE AS KHANN(THE SQUARE

GRID) AND GHAEE (THE BAY FORMED BY TWO OR THREE KHANN).

SPACE FOR CIRCULATION :

HUGE SPACE IS PROVIDED IN THE MIDDLE WHERE BHAJANS ARE PLAYED WITH SIDEWAY CIRCULATION SPACES TO REACH THE ANTRALAYA. ARCHES ERECTED ON THE BEAMS AND COLUMNS AT THE ENTRY AND

PRADIKSHANA PATH

EXIT POINTS.

THE DOOR IN THE ANTRALAYA AND SABHA MANDAPA ACT AS ENTRY AND EXIT POINT OF THE PRADIKSHANA PATH, WHOSE CIRCULATION IS ALWAYS IN CLOCKWISE DIRECTION.

TILE DROP IN CENTRE:

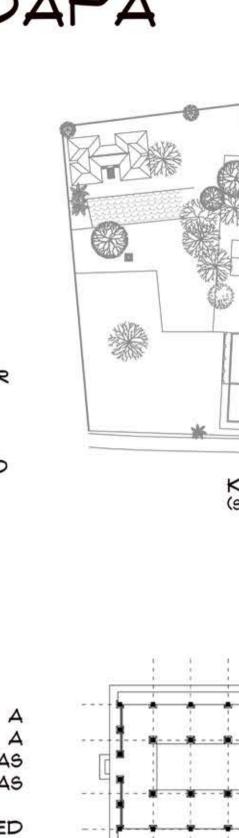
DROP OF 100MM CREATED IN CENTRE OF SABHA MANDAP FOR SEPARATION OF CIRCULATION SPACES.IT SEGREGATE THE FUNCTION OF SPACE CREATING A SITTING SPACE FOR BHAJANS AND WORSHIPS AT THE SAMADHI

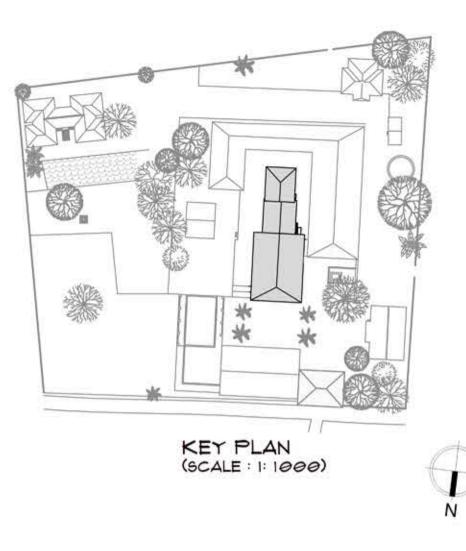
MID-LOCATED DOUBLE HEIGHT SPACE:

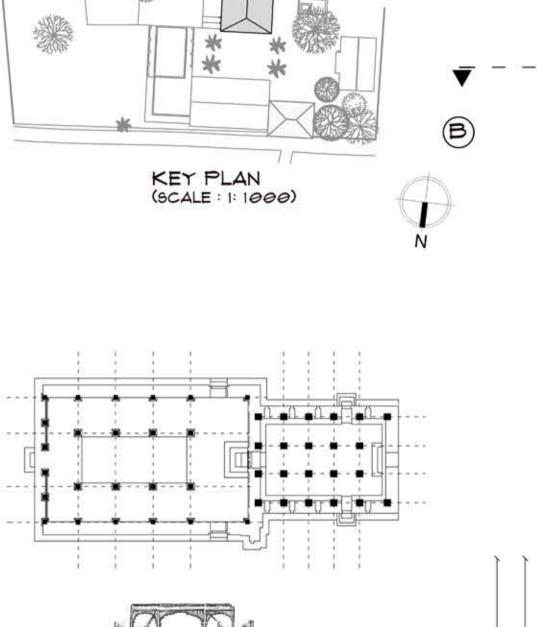
THIS SPACE ACTED AS A VISUAL CONNECTION OF THE ROYAL WOMEN AT THE UPPER FLOOR, TO THE ACTIVITIES BELOW.

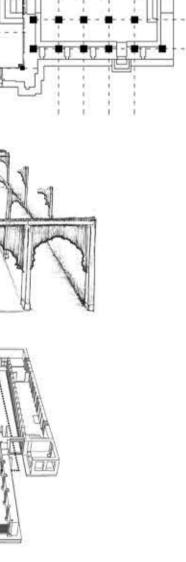
INCREASED FLOOR TO FLOOR HEIGHT:

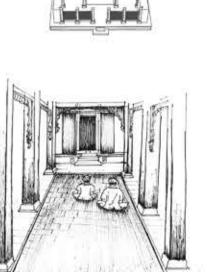
THIS INCREASE IN HEIGHT ADDS TO THE GRANDEUR OF THE STRUCTURE AND GIVES A FEELING OF WELCOME TO THE VISITORS.

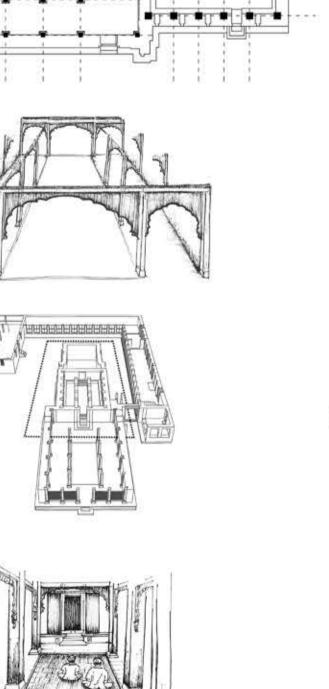


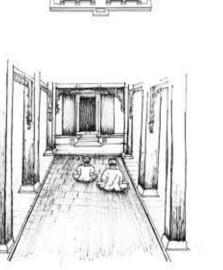


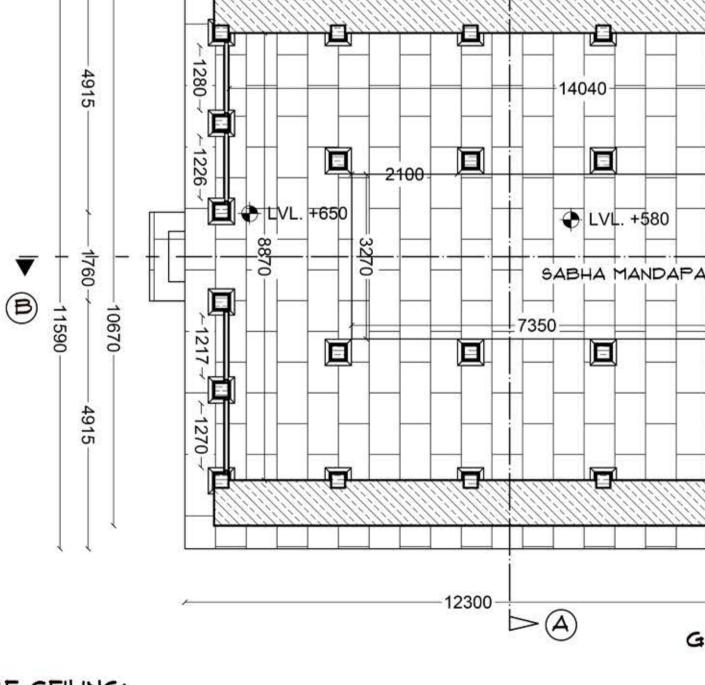










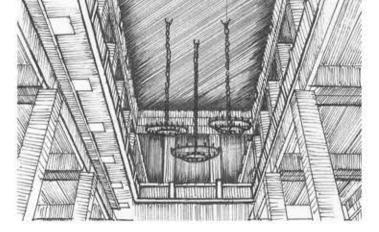




AS THE COPPER SHEETS ON THE FALSE CEILING PROVIDES INSULATION TO THE SPACES UNDERNEATH.

LIGHTING:

CHANDELIERS ADORNED LAMPS OR DIYAS.



 $\triangleright \triangle$

 $\triangleright \bigcirc$

STORE ROOM

VED-PATHSHALA

♣ LVL. +5410

FIRST FLOOR PLAN (SCALE :- 1:75)

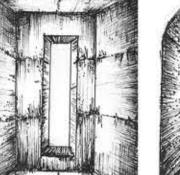
VASTU:

PROVISION OF OPENINGS TOWARDS THE EAST CHANNELISES POSITIVE ENERGY THROUGHOUT THE DAY AND DOORS ARE PROVIDED ALONG THE EAST-WEST DIRECTION TO DIRECT THE PRADAKSHINA

GROUND FLOOR PLAN (SCALE :- 1:75)

AXIS:

THE STRUCTURE IS ORIENTED ALONG THE NORTH-SOUTH AXIS.



🔷 LVL. +800

ANTRALAYA

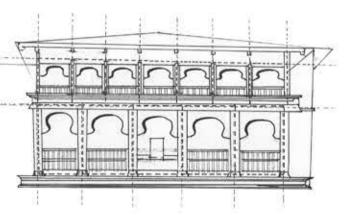
+4910

VED-PATHSHALA



FACADE DESIGN:

CONSISTS OF A SERIES OF OPENINGS IN THE SHAPE OF ARCHES WERE PUNCTURED.

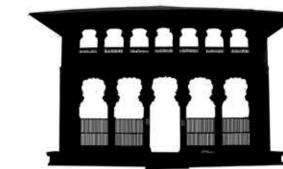


B)

NOT DOCUMENTED

ALL DIMENSIONS ARE IN MM





SABHA MANDAPA

THE LATEST MURALS INSTALLED IN THE SABHA MANDAP DEPICTS THE STORY ABOUT CHATRAPATI SHIVAJI MAHARAJA'S LIFE EVENTS.







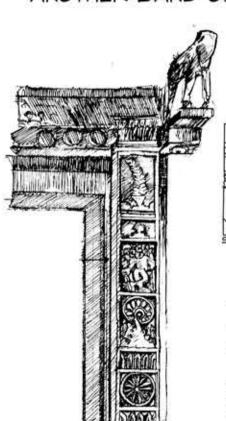
WARS, TALES OF KING'S LIFE, MYTHOLOGICAL ASSUMPTIONS. THESE WERE USED TO GET REPRESENTED THROUGH CARVING.



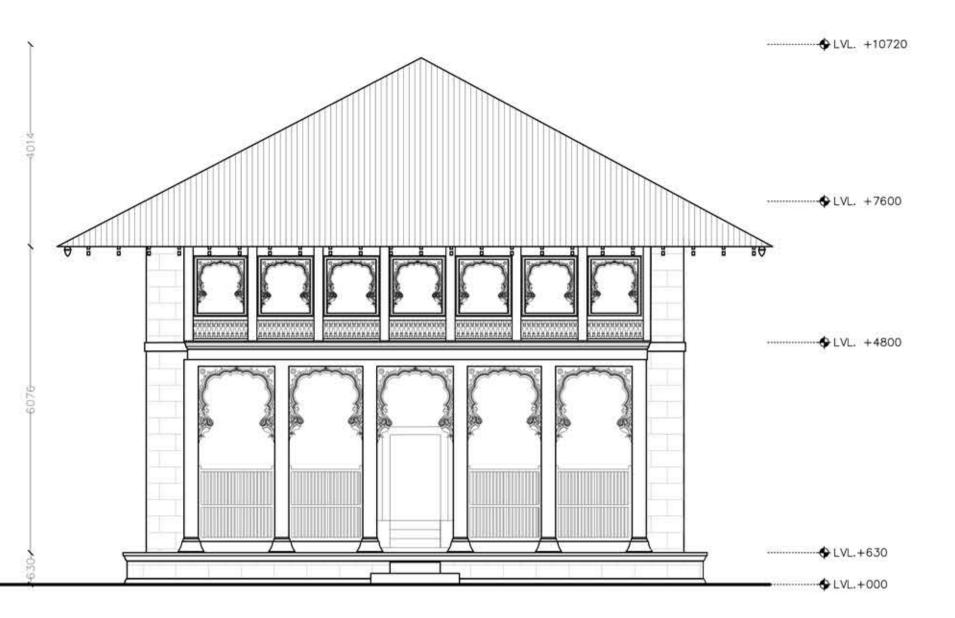
· SHARABHA, A MYTHICAL ANIMAL FOUND HOLDING ELEPHANTS IN ITS TAIL LEGS AND MOUTH.IT IS DEPICTED TO SHOW POWER DOMINANCE AND WARD OFF EVIL SPIRITS WHICH CAN BE SEEN ON FORT ARCHITECTURE.



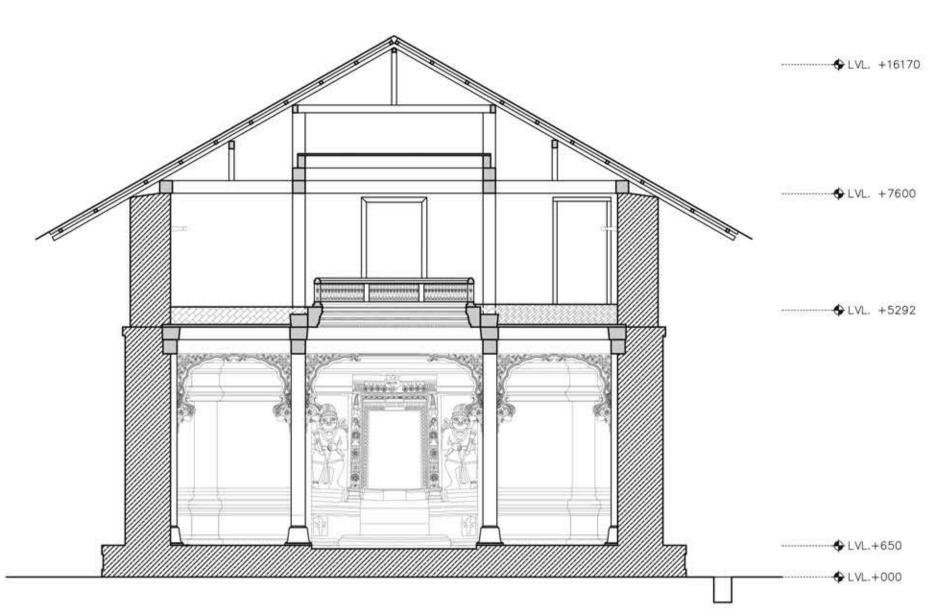
IT IS DEPICTION OF VARIOUS DEITIES. THE THIRD LAST IS KALI AND CORPSE. THERE IS A COW WHICH IS KAMDHENU. BELOW IT IS ANOTHER BAND OF DECORATIONS.



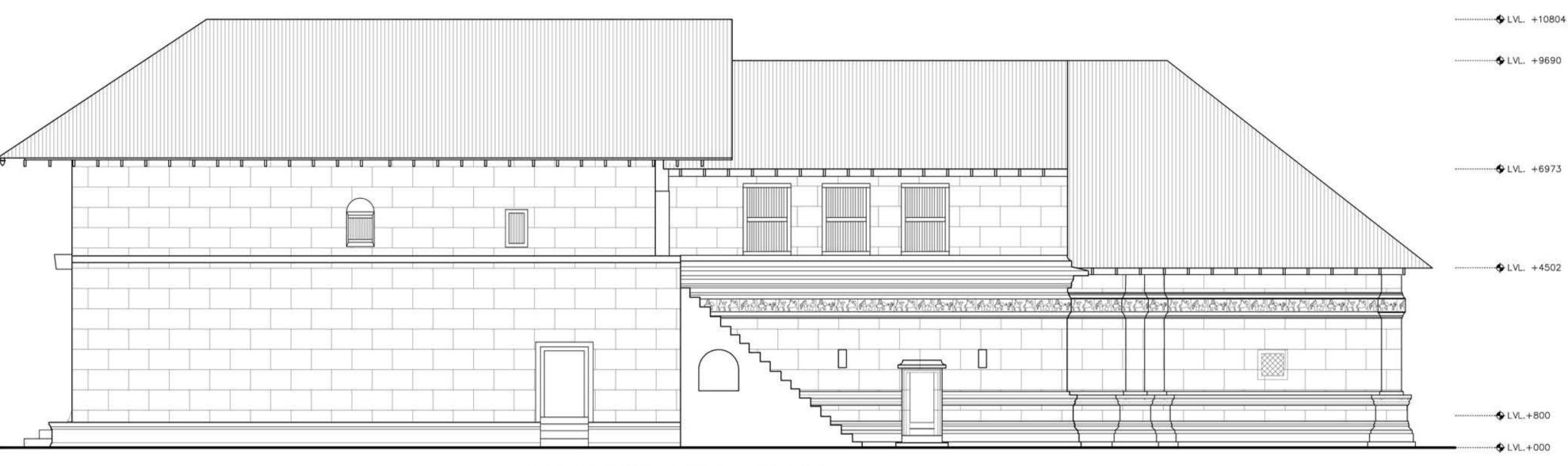
· DOORFRAME IS KNOWN AS DWARSHAKHA AND IT HAS GANESHA ON LALAT (MEANS FOREHEAD), BIMB(ICON), AND IT HAS DEMON LIKE FACE WHICH IS CALLED KIRTIMUKH WHICH IS A COMMON MOTIF OF INDIAN TEMPLE ARCHITECTURE.



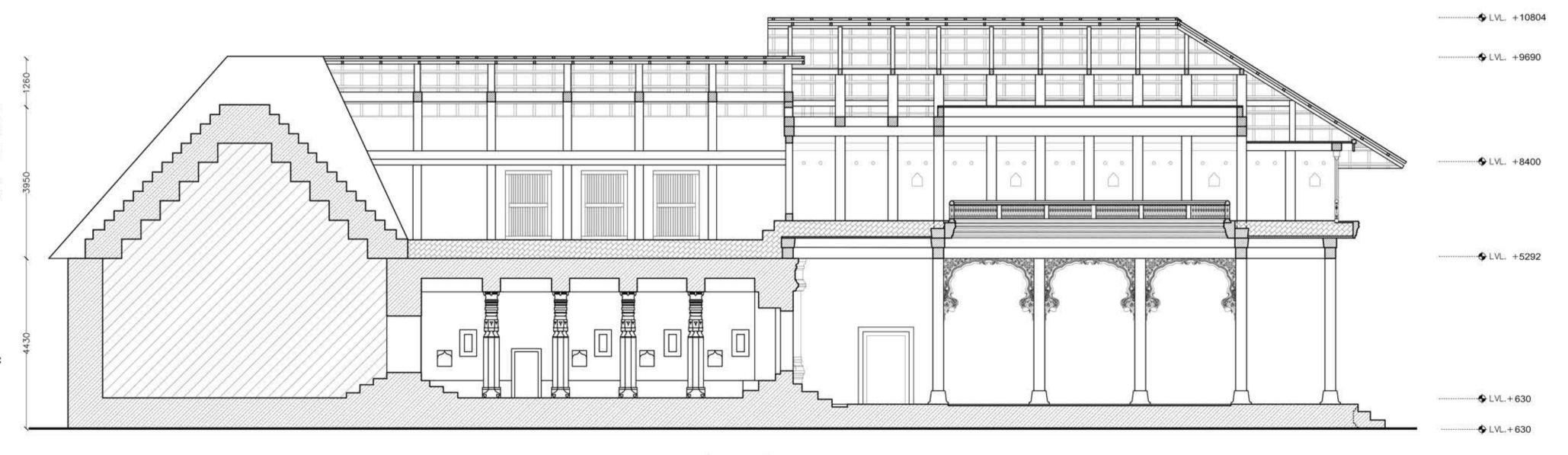
FRONT ELEVATION (SCALE: 1:75)



SECTION AA' (SCALE : 1:75)



EAST SIDE ELEVATION (SCALE: 1:75)



SECTION BB' (SCALE : 1:75)





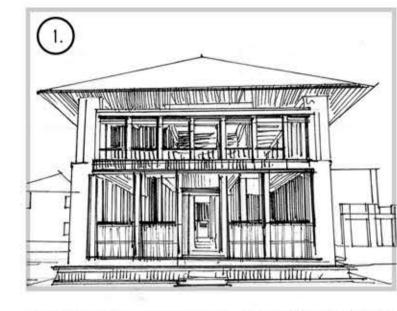
SIZE OF DOORS: SMALLER SIZE OF OPENINGS TO MINIMIZE THE CHANCES OF THREAT.

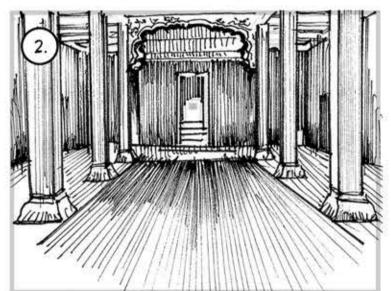


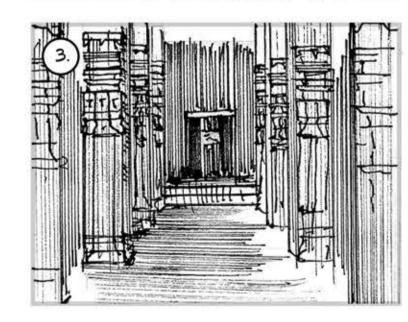
SEATING EXTENDED FROM THE

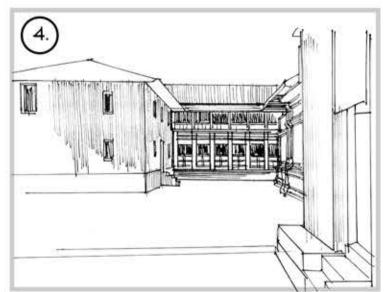


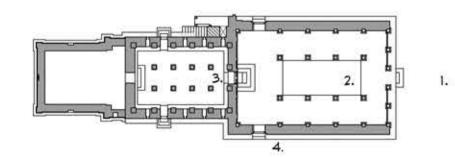
SHORTER RAILINGS ON FIRST FLOOR FOR BETTER VISION OF ACTIVITIES TAKING PLACE IN THE GROUND FLOOR.









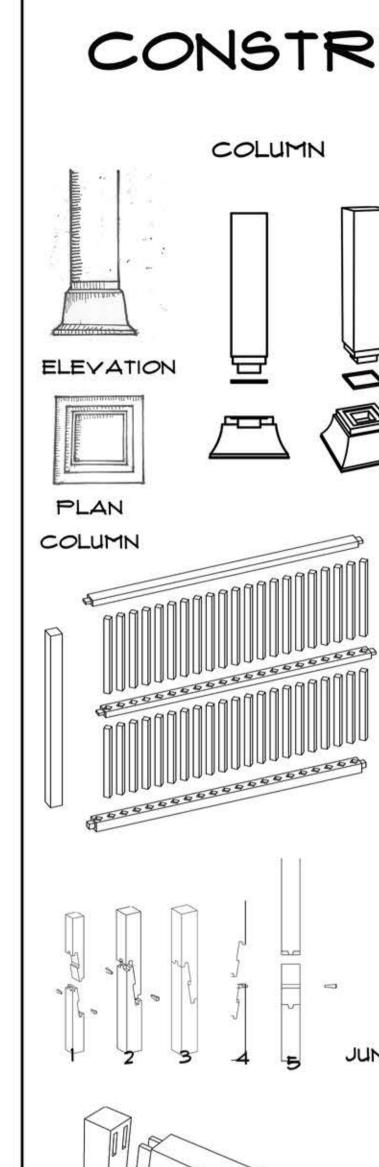


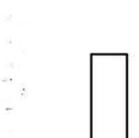
ALL DIMENSIONS ARE IN MM

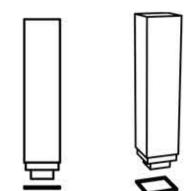




CONSTRUCTION DETAILS



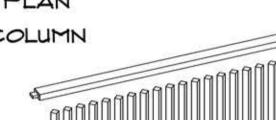




300×300MM WOODEN SHAFT









30×30MM WOODEN BALOSTERS

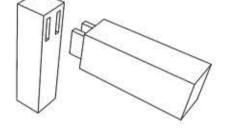
50×15MM POST

15×50MM BOTTOM RAIL

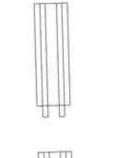


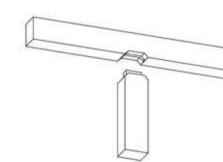


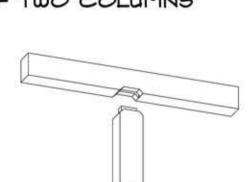
JUNCTION OF TWO COLUMNS



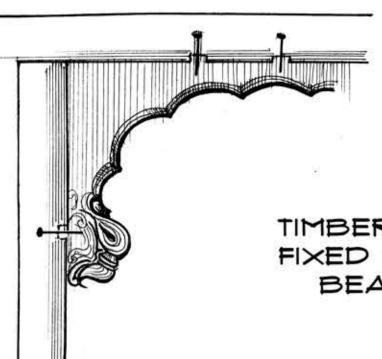
MORTISE AND TENON JOINT FOR BEAM COLUMN JUNCTION



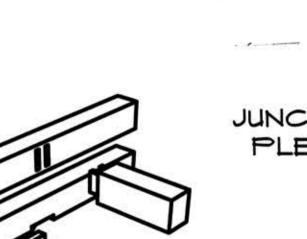














250×250MM GIRDER

TIN SHEETS

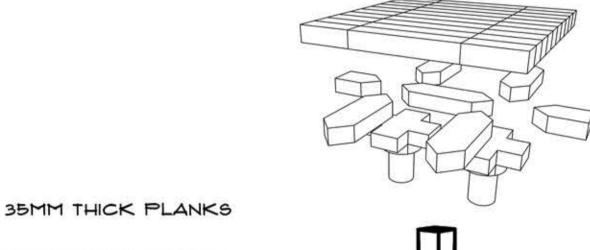
BATTENS

RIDGE PIECE

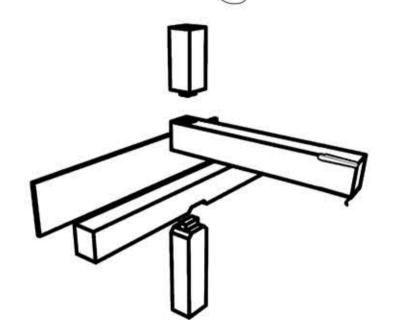
COMMON RAFTER

TIE BEAM

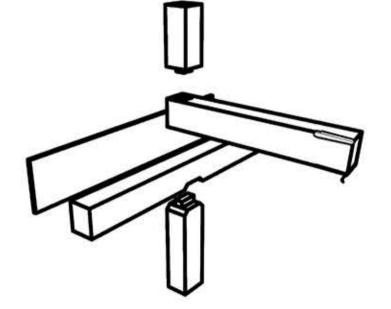
QUEEN POST



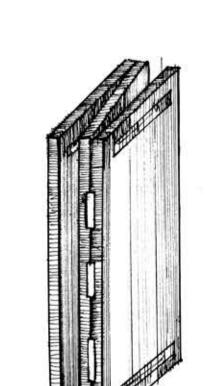
STONE BLOCKS OF 40CM WIDTH AND 20CM DEPTH ARE PLACED CENTRE TO CENTRE ON THE BEAM

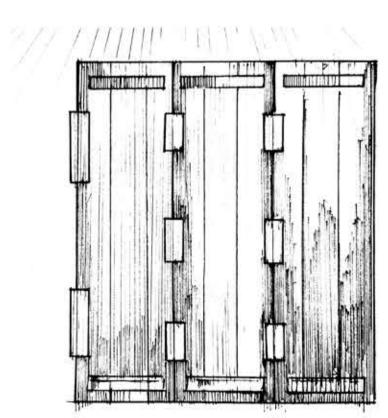


TIMBER POST

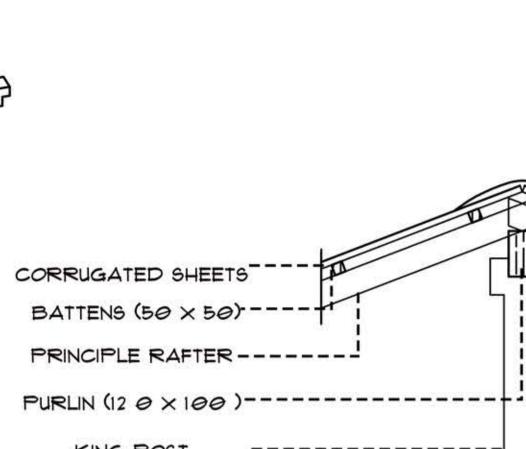


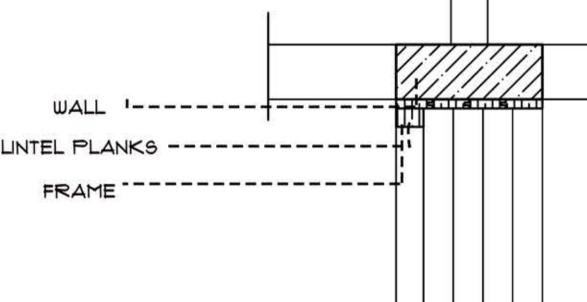
PLAN

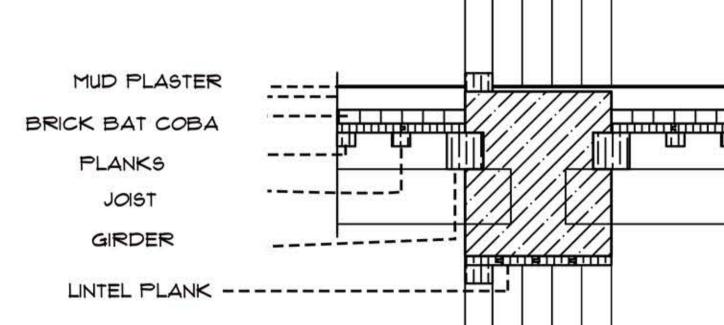


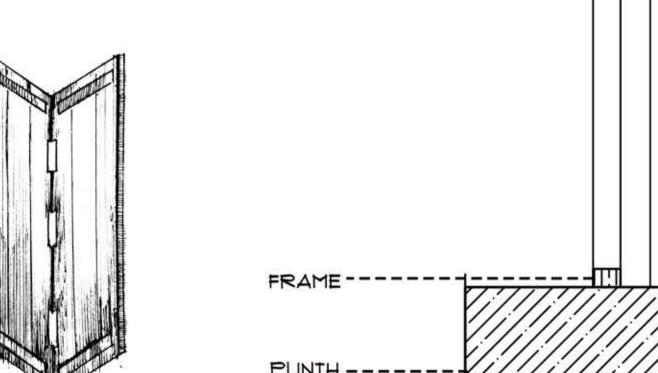


THREE LEAVED PANELLED FOLDABLE DOOR WITH 180 DEGREE HINGE PROVIDED BETWEEN PANELS AND THE PANEL IS ATTACHED WITH THE FRAME USING A PIVOTED JOINT.

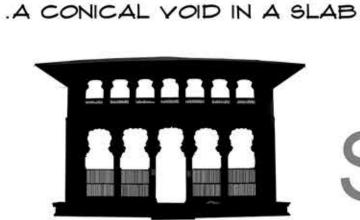








WALL SECTION OF YAYRI GHAR



PLACED IN LAYERS, ONE OVER THE OTHER IN A FASION SUCH

UNDERLAYING STONE TO FORM

THAT THE UPPER STONE IS

DIAGONALLY TO THE

PLACED

SHREE MOUNI MAHARAJ SAMADHI



YATRI GHAR

INTRODUCTION

TOTAL BUILT-UP AREA :- 1286.2 SQ.M THIS STRUCTURE IS AT THE RARER SIDE OF THE SITE IT WAS BUILT IN 1920 ARCHITECTURAL STYLE :- WADA ARCHITECTURE

PILGRIM HOUSE

WAS ORIGINALLY BUILT AS AN ASHRAM WHICH NOW ACCOMODATES THE PILGRIMS.

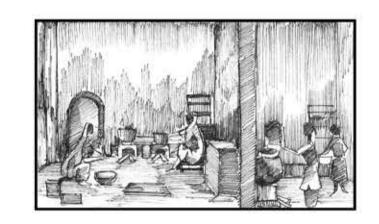
OSARI

SINCE FORMER TIMES THE OSARI SERVED AS A PLACE FOR PROVISION OF FOOD FOR PILGRIMS.

COURT

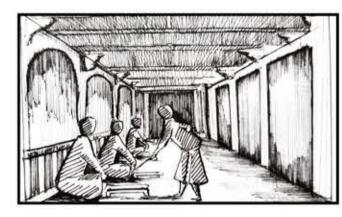
THE STRUCTURE SERVED AS A COURT WHERE THE DISPUTES AMONG THE VILLAGERS WERE RESOLVED. PILGRIMS IN THE UPPER FLOOR WHEN THE YATRA COMMENCED.

FUNCTIONALITY OF SPACES



KITCHEN WAS USED BY THE WORKERS, DEVOTEES, OR HELPERS FOR PREPARING THE PRASAD.

STORE ROOM HAD MINIMAL VENTILATION AND WAS USED TO STORE GRAINS. THE TRADITIONAL GRINDING EQUIPMENTS LIKE THE STONE FLOUR MILL WAS SEEN HERE.

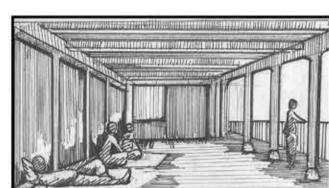


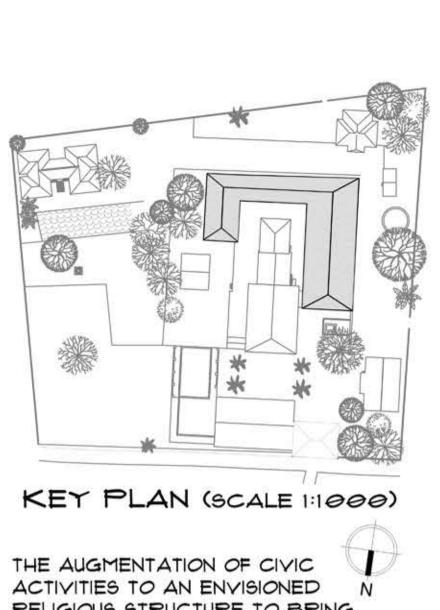
RESIDENCE FOR DEVOTEES THE DEVOTEES HALTED IN THE UPPER FLOOR OF THE ASHRAM THE BALCONY AND SEMI OVPEN SPACE ACTED AS AN INTERACTIVE PLACE FOR THESE DEVOTEES.

DURING YATRA WHEN THE NUMBER OF PEOPLE INCREASES THE SEMI OPEN SPACE IS ALSO OCCUPIED.

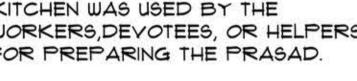


USE OF OSARI THIS SPACE WAS USD BY THE DEVOTEES TO HAVE THEIR PRASAD.



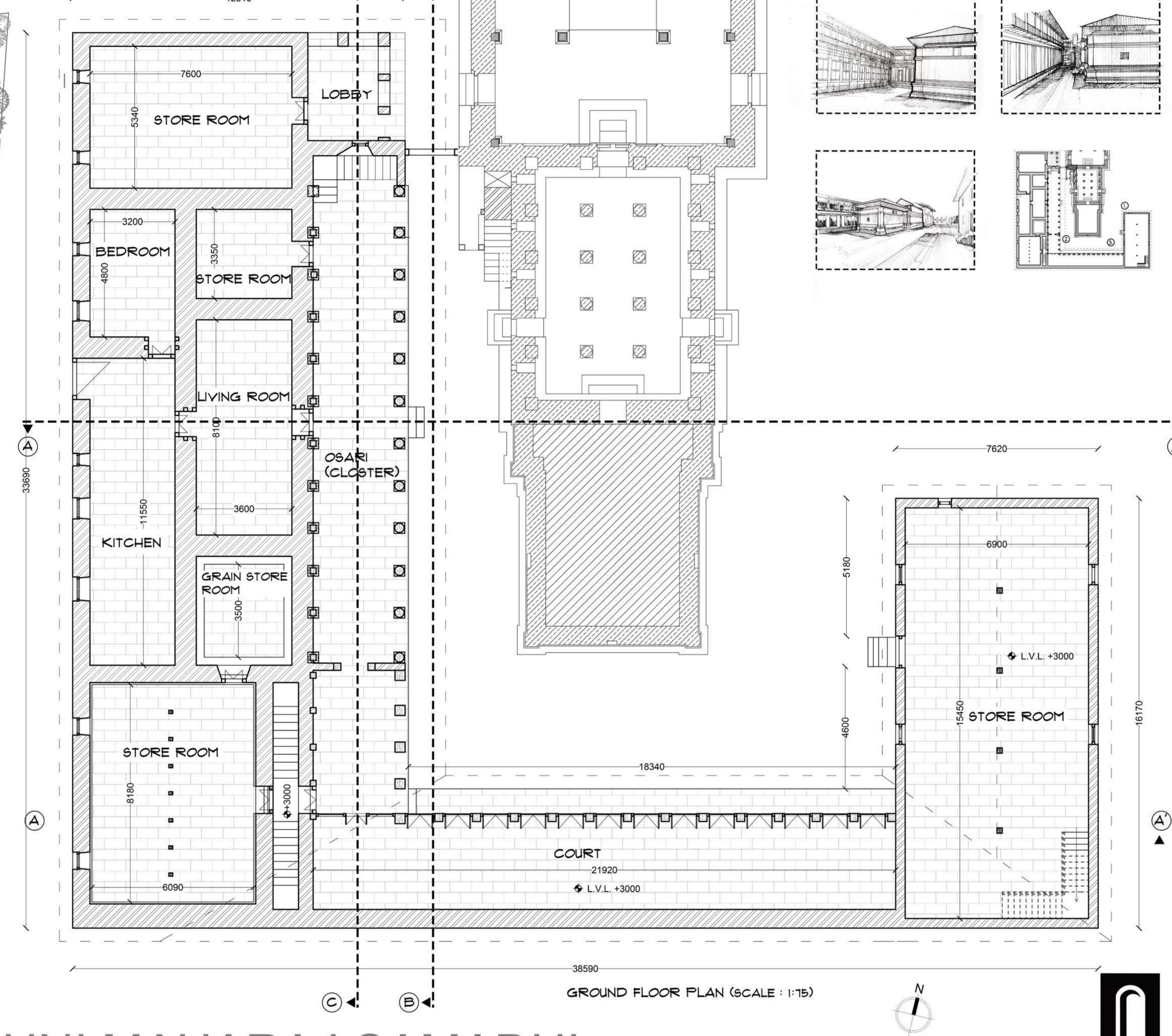


RELIGIOUS STRUCTURE TO BRING ORDER AND BETTERMENT TO THE VILLAGE. MAKES IT A SIGNIFICANT SEMI-SACRED STRUCTURE.

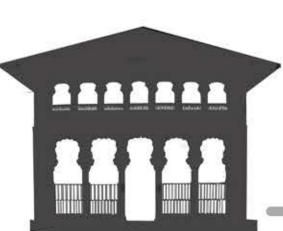








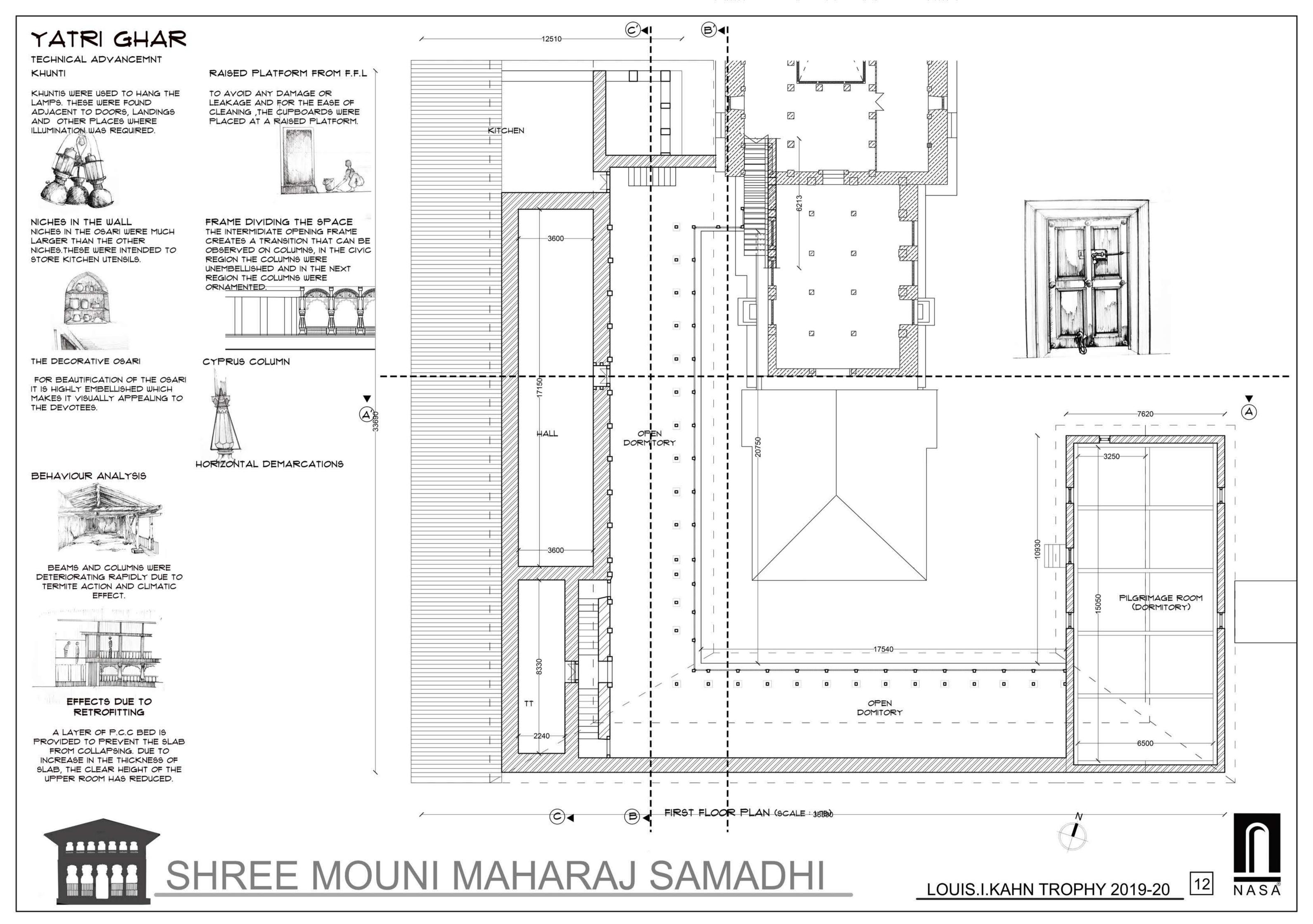
(B)◀



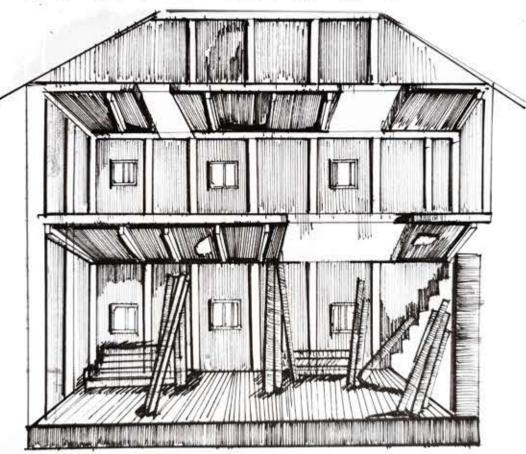
SHREE MOUNI MAHARAJ SAMADHI

LOUIS.I.KAHN TROPHY 2019-20



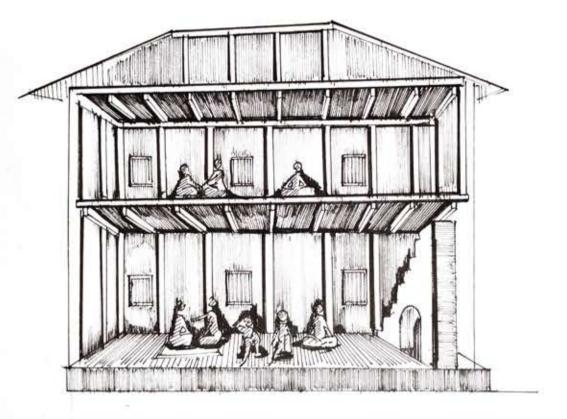


YATRI GHAR



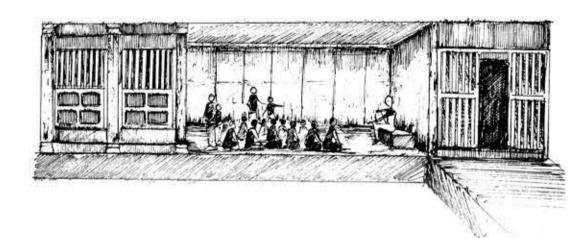
THEN :

THESE WERE USED TO STORE THE CROPS PRO-DUCED BY THE VILLAGERS.

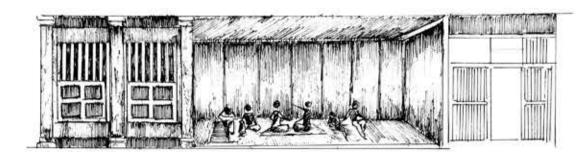


NOW:

IT IS USED TO STORE MATERIALS LIKE MATRESSES AND BLANKETS WHICH ARE REQUIRED BY THE PILGRIMS DURING FESTIVE SEASON.

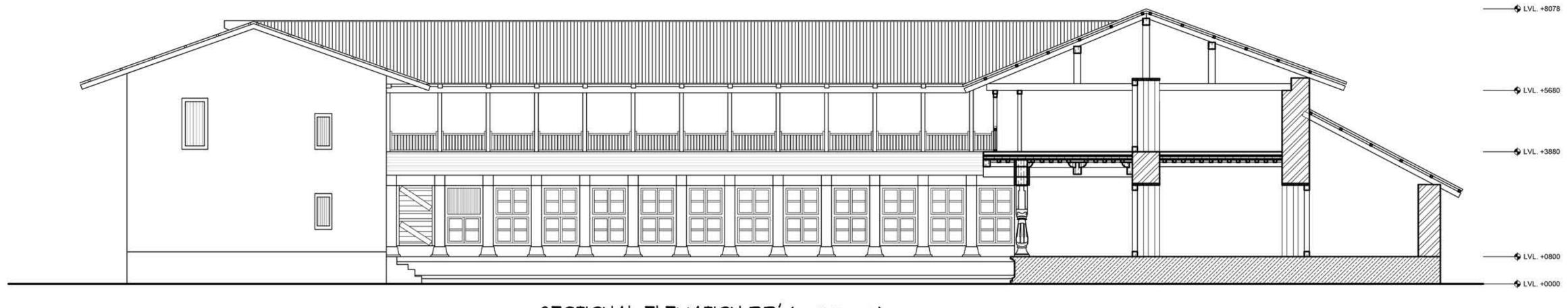


IT WAS SERVED AS A COURT WHERE DISPUTES AMONG THE VILLAGERS WERE RESOLVED BY RAMGIRI

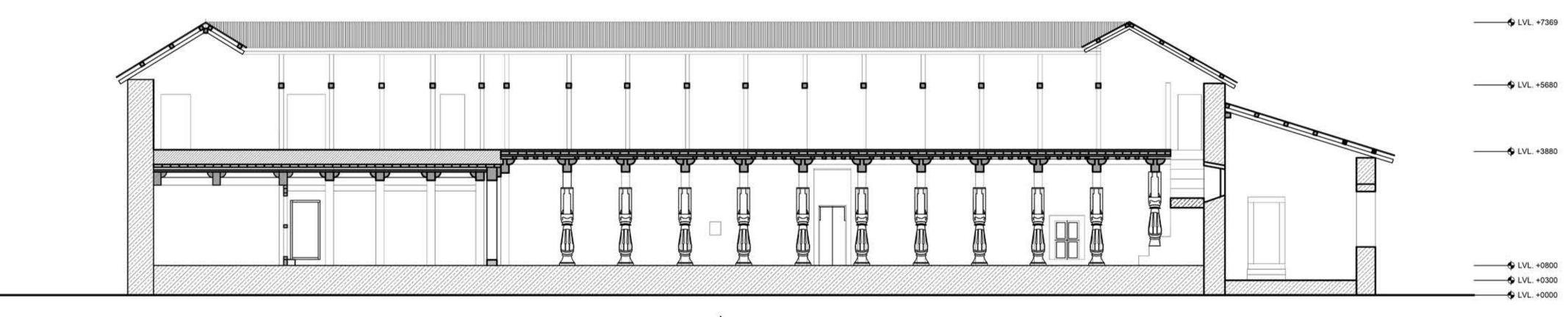


NOW :

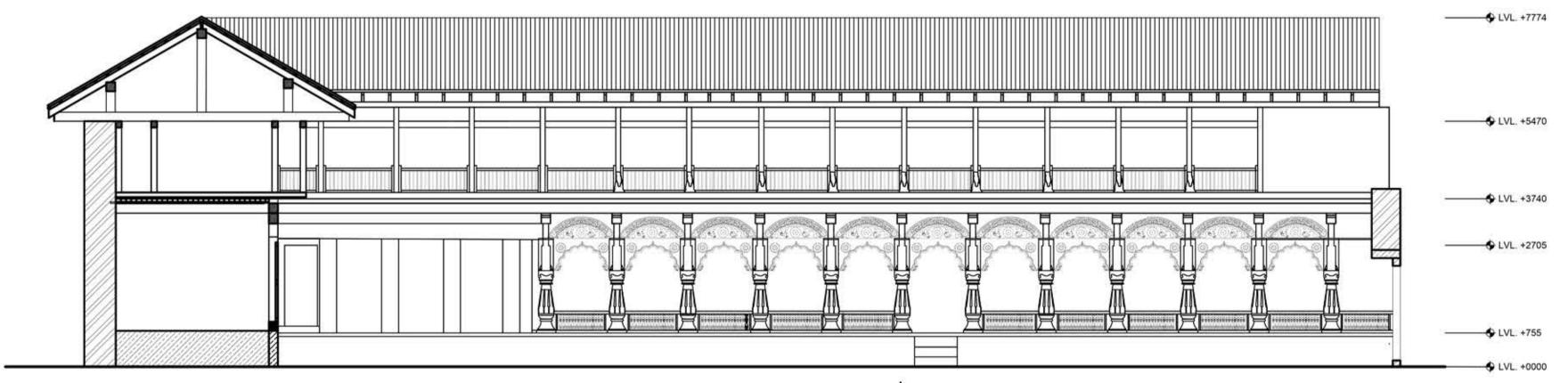
IT IS USED AS PILGRIM RESIDENCE



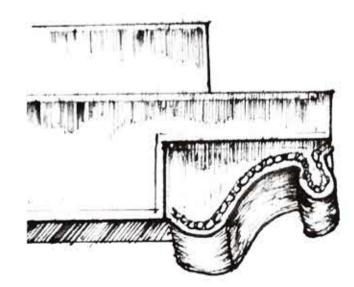
SECTIONAL ELEVATION BB' (SCALE : 1:75)



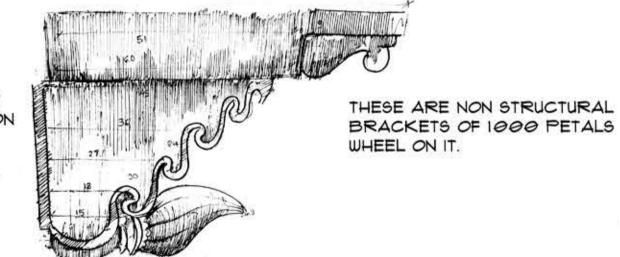
SECTION CC' (SCALE : 1:75)

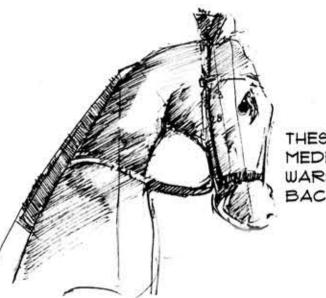


SECTIONAL ELEVATION AA' (SCALE : 1:75)



CONSITS OF DECORATIVE CARVINGS AND THE COMPLI-MENT OTHER STRUCTURAL ELE-

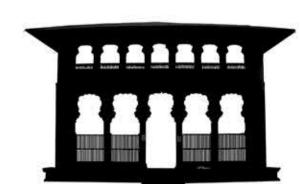




THESE HORSES DEPICT THE MEDEIVAL PERIOD, WHEN WARS WERE WON ON HORSE



THESE ARE CYPRUS COLUMNS. THE STYLE POST IS ATTACHED TO THE COLUMN IN SUCH A MANNER THAT IT LOOKS LIKE A SINGLE UNIT.

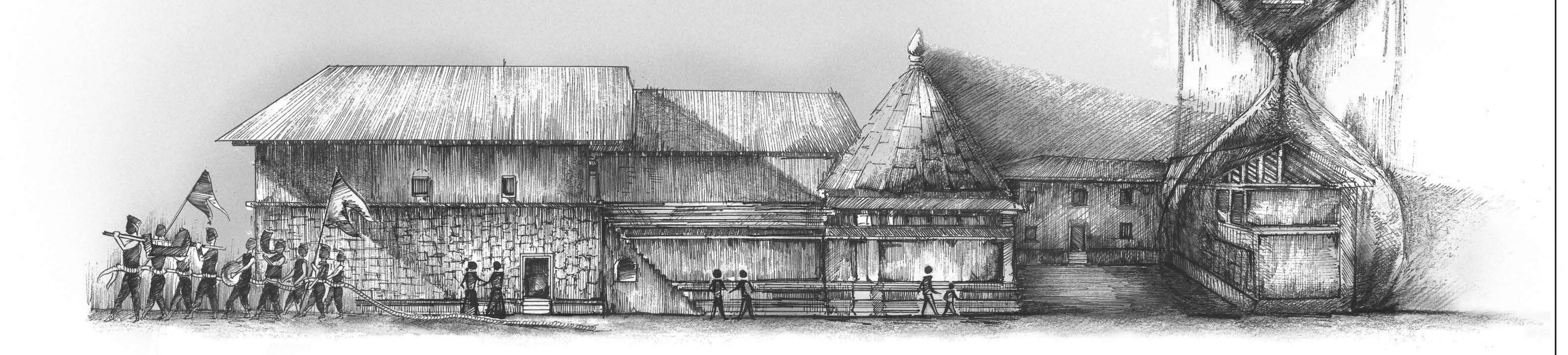


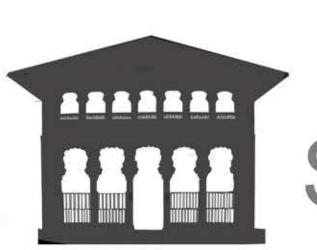
CONCLUSION

THE STRUCTURE WAS A FUSION OF TEMPLE, SABHAMANDAPA AND A HALL OF A PALACE MAKING IT A GRANDEUR EDIFICE. IT IS A SELF EVIDENT PART OF ITS SURROUNDING AND IT SEEMS TO BELONG THERE BECAUSE OF THE USE OF LOCAL DESIGN IDEAS AND PLANNING PRINCIPLES, BUT AT THE SAME TIME THE STRUCTURE HAS ITS OWN UNIQUE IDENTITY BECAUSE OF THE USE OF A COMBINATION OF MATERIALS. DIFFERENT THEMES WERE EMODIED THROUGH ELEMENTS LIKE COLUMNS, PEDESTALS, BRACKETS, NICHES AND ARCHES IN A VERY DISTINCT WAY. THE UNIQUE IDENTITY IS SEEN BECAUSE THE TEMPLE WAS OPERATED BY THE ROYAL FAMILY OF BHOSALE'S MAKING IT A NECESSITY TO MAKE THE STRUCTURE IMPOSING

BEING A PART OF THE HISTORY OF PATGAON DEPICTING VARIOUS ARCHITECTURAL STYLE OF DIFFERENT ERA AND UNITING THESE DISCRETE STYLES INTO A SOLE UNIT. EACH ERA CREATES A DIFFERENT IMPACT ON THE STRUCTURE AND IT
EVOLVES WITH THE NEED AND TIME. AS SEEN IN OUR STRUCTURE THE CORE SAMADHI WAS BUILT IN ANCIENT ERA IN HEMADPANTI STYLE OF ARCHITECTURE BUT WITH EVOLUTION THE STRUCTURE HAD TO BE EXPANDED FOR BETTER FUNCTIONALITY LEADING TO THE CONSTRUCTION OF ANTRALAYA. DUE TO DIFFERENCE IN THE ERA THERE IS A SLIGHT
CHANGE OBSERVED IN THE ARCHITECTURAL STYLE AS SEEN IN THE COLUMNS OF ANTRALYA FURTHER WHEN THE INFLUENCE OF ROYAL FAMILIES PREVAILED WADA STYLE ARCHITECTURE IS EVIDENT AS SEEN IN THE SABHAMANDAPA

WITH TIME THE RITUALS ARE CARRIED FORWARD BUT NOT THE STRUCTURE. EVENTHOUGH THE STRUCTURE PROVIDES FUNCTIONALITY AND HELPS TO SERVE THE PURPOSE. THE STRUCTURE ITSELF IS IGNORED AND NOT GIVEN AS MUCH IMPORTANCE AS THE PURPOSE. THE STRUCTURE AND PURPOSE GOES HAND IN HAND AND HENCE MUST BE GIVEN EQUAL SIGIFICANCE.

















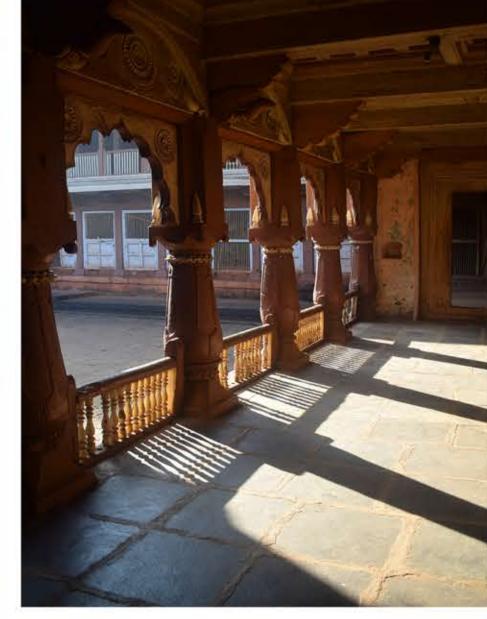


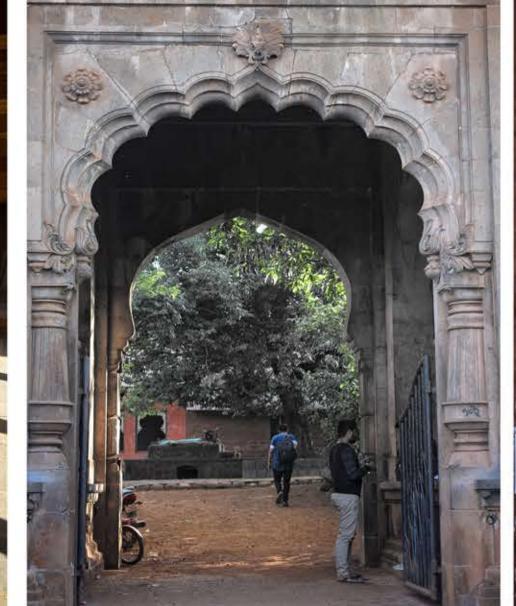






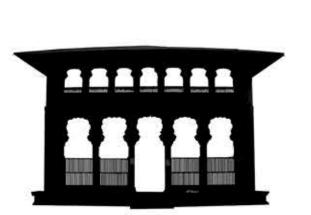




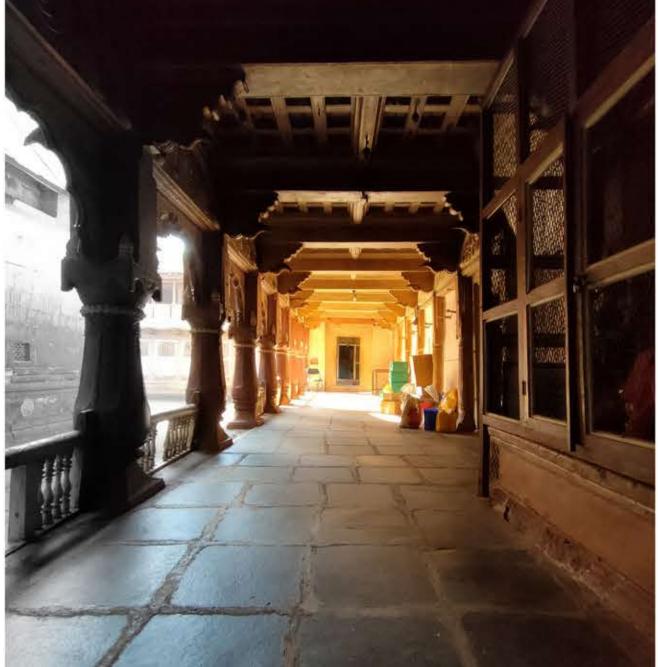




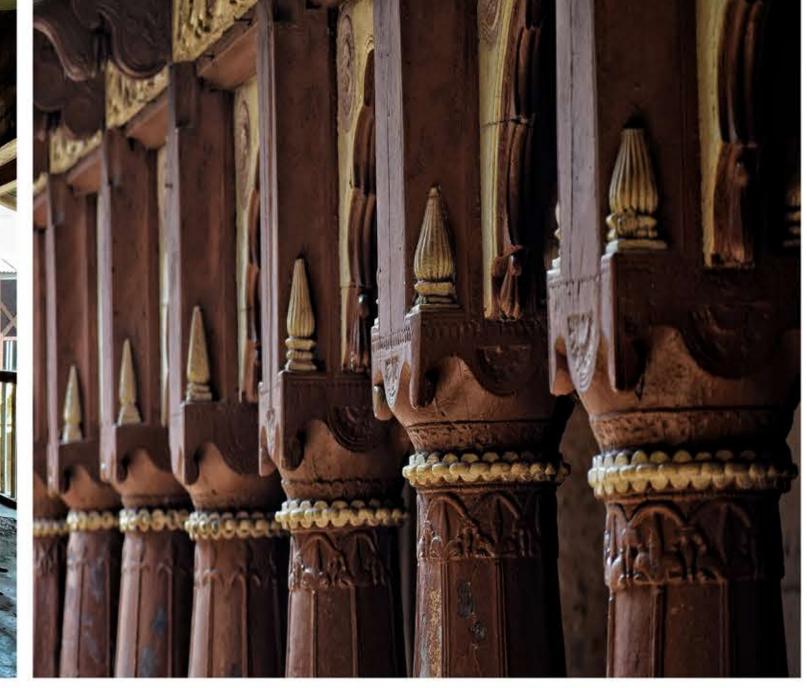




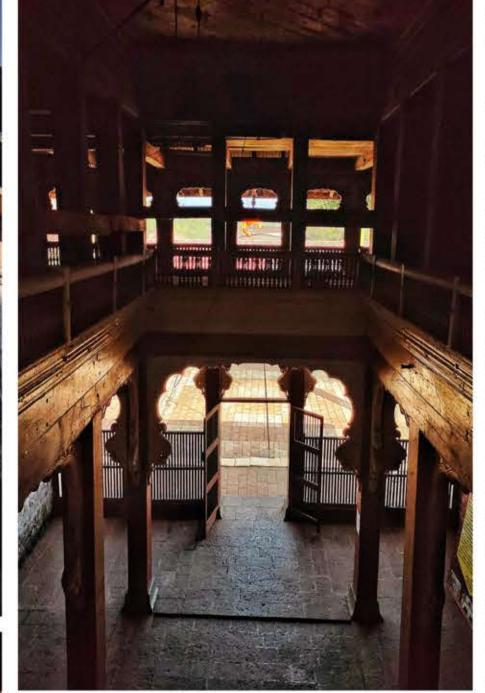








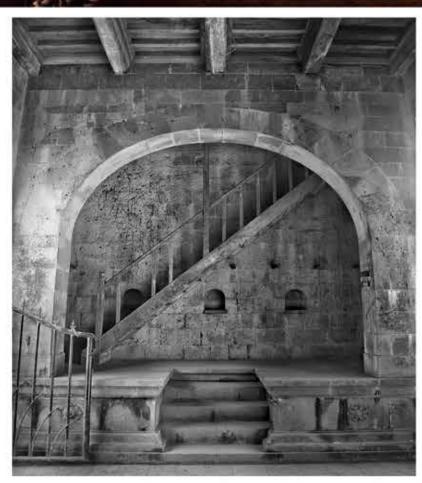




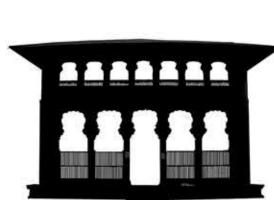








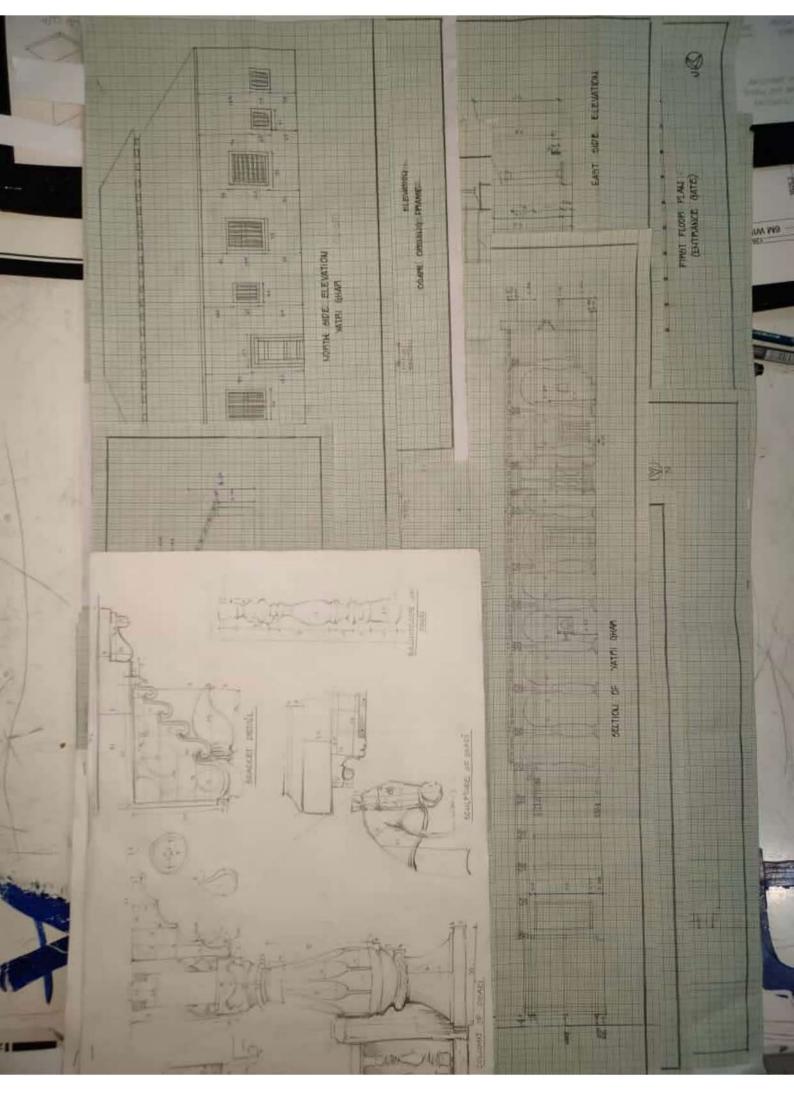




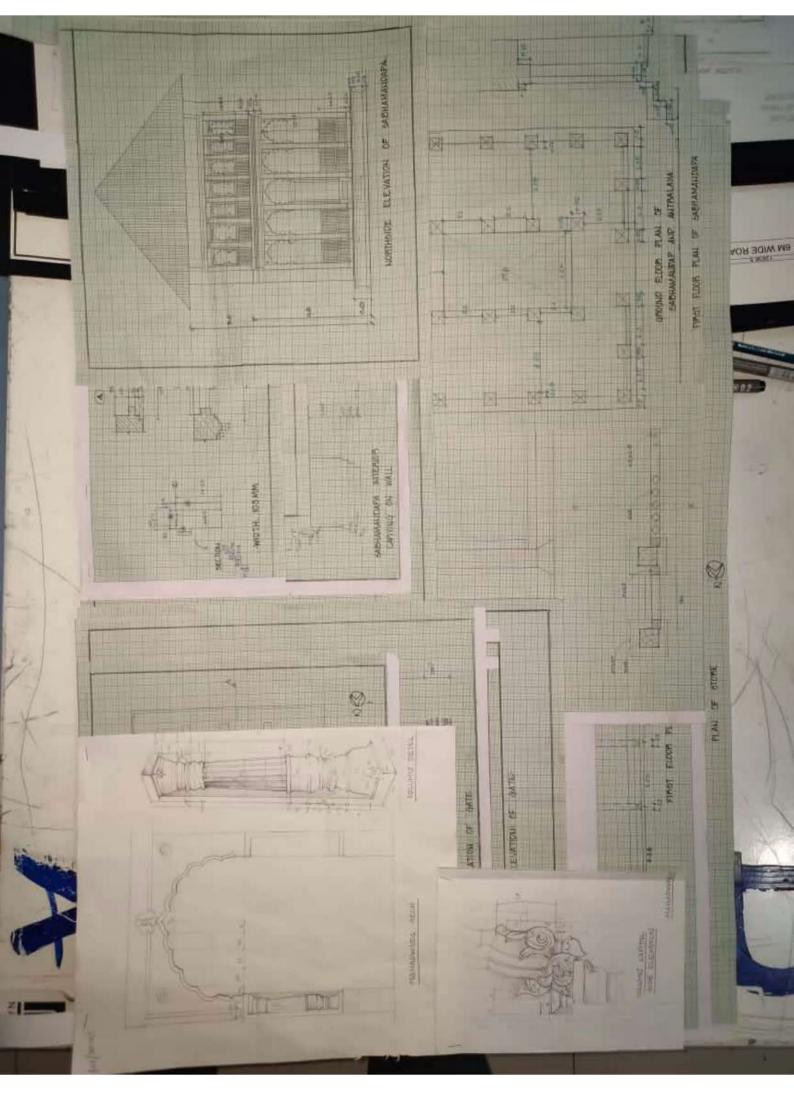








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