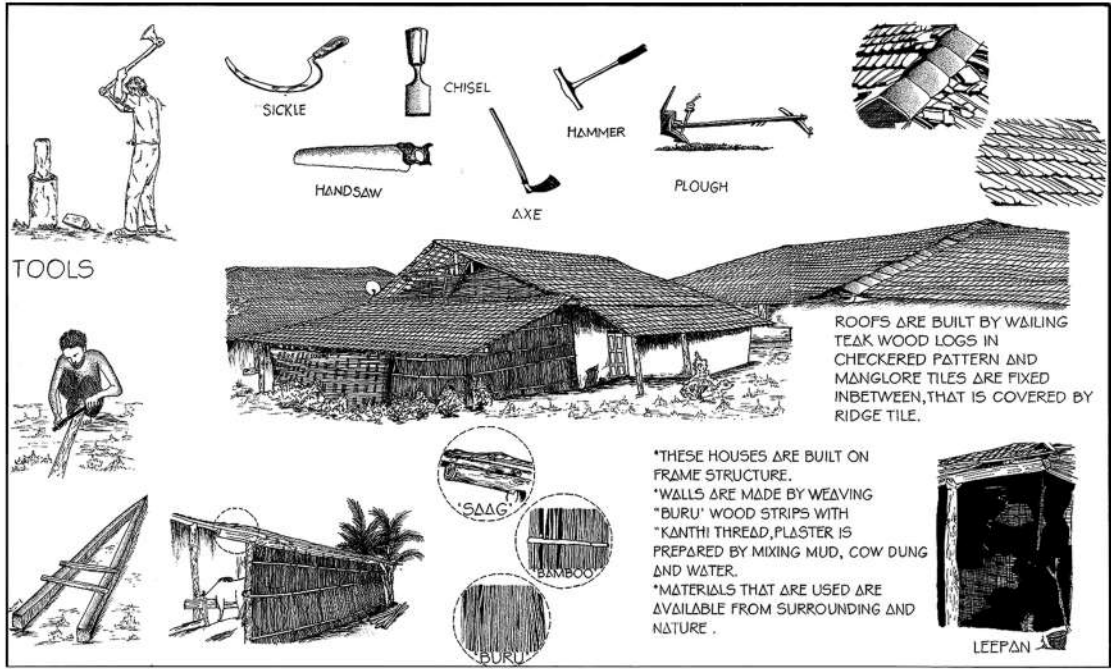
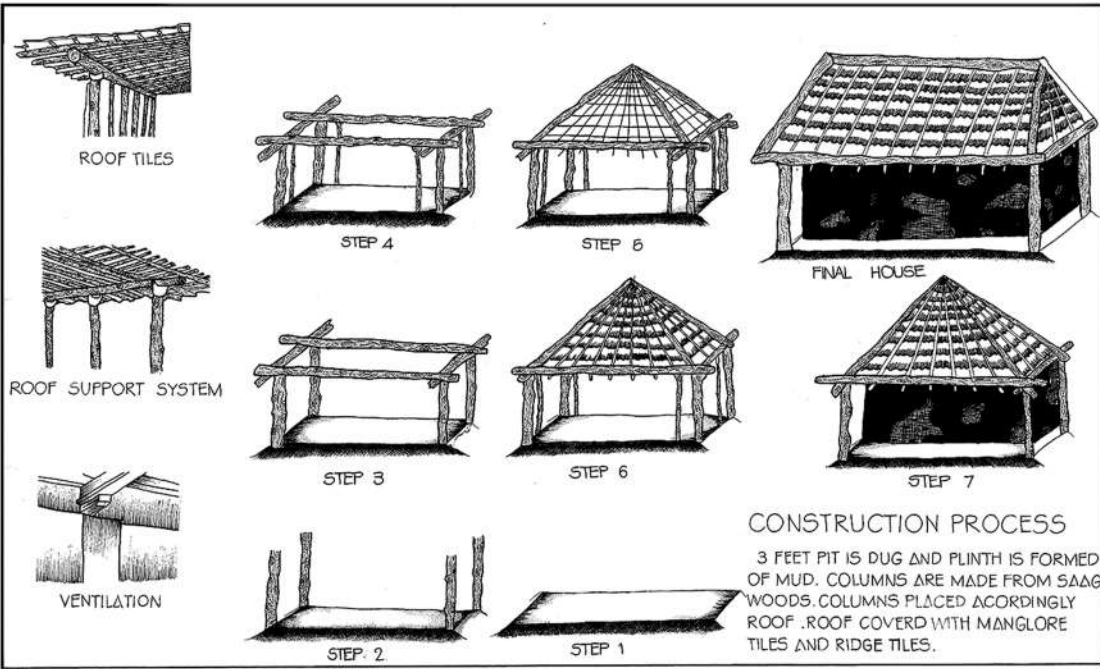
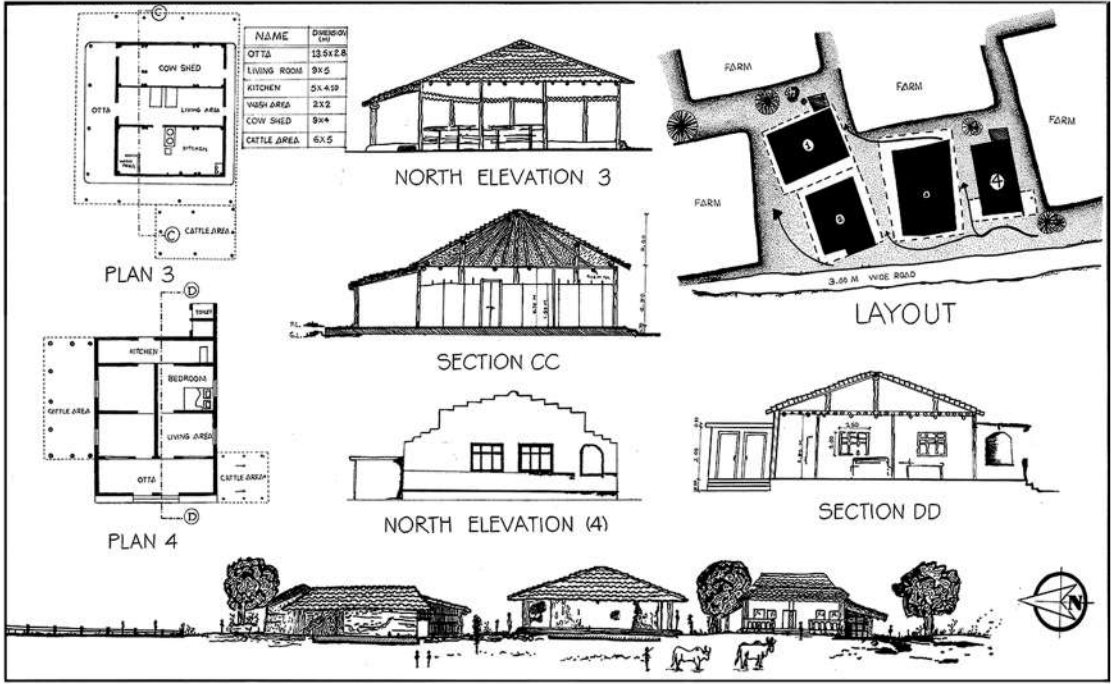
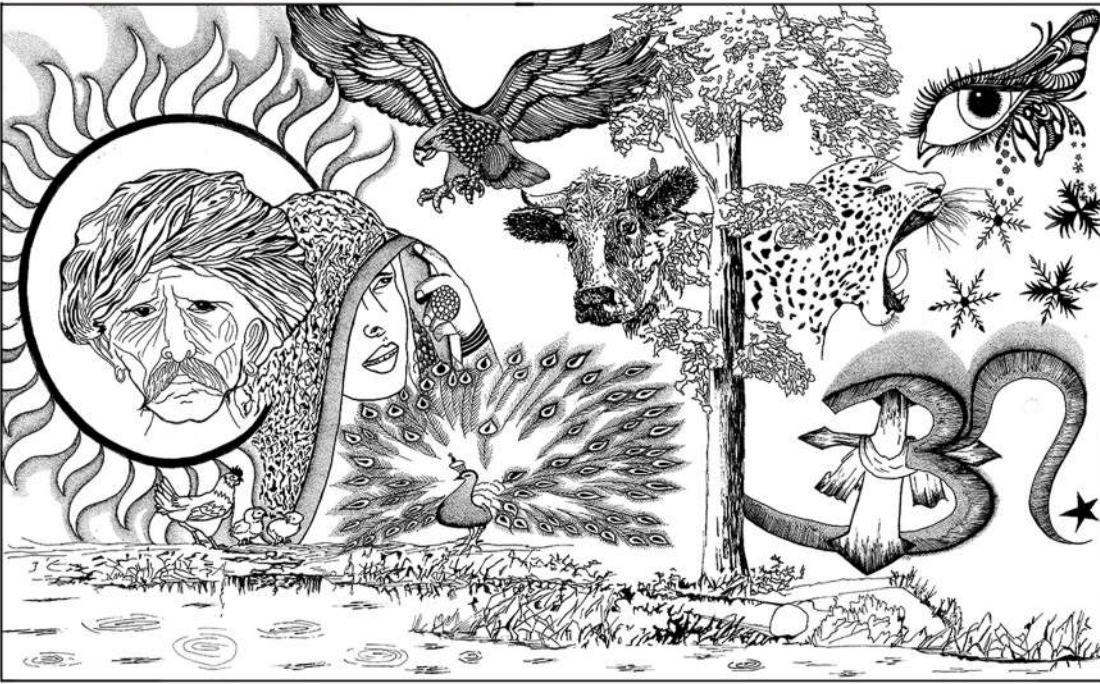


# RURAL STUDY TOUR, KEVDI, GUJARAT



Kevdi, a very small village located in the Mandvi district near the city surat. The main purpose was studing the vernacular houses of that village, did measure drawings, studied lifestyle, construction techniques, materiality, climate responsive design, arrangement of spaces.





# NATIONAL STUDY TOUR, KOLHAPUR, MAHARASHTRA

Kolhapur, the city located in Maharashtra. The main purpose was studying the local houses and community settlement in the core city, cluster arrangement, street patterns, major nodes and junctions, interactive spaces, heirarchy of spaces, building elements, arrangement of houses, materiality, city pockets.



### INTRODUCTION

KOLHAPUR ALSO KNOWN AS THE CITY OF LAKES, IS ONE OF THE OLDEST CIVILISATIONS OF THE COUNTRY DATING BACK TO THE 17TH CENTURY. MARATHIS BEING THE MAJORITY OF POPULATION IT IS STILL DIVERSIFIED INTO DIFFERENT CULTURES LIVING TOGETHER IN HARMONY.

KOLHAPUR CITY IS SITUATED ON THE BANKS OF PANCHGANGA RIVER AND IS SURROUNDED BY SANYADI MOUNTAIN RANGES. LOCATED AT COORDINATED LATITUDE 18.45 DEGREES TO 17.17 DEGREES NORTH AND LONGITUDE 73.40 DEGREES TO 74.42 DEGREES EAST. THE BINDU CHOK AREA IS A SQUARE AT THE HEART OF THE CITY. IT WAS AN IMPORTANT CENTRE DURING THE FREEDOM STRUGGLE DAYS WHERE PUBLIC MEETING TOOK PLACE AGAINST THE BRITISH RULE. THIS PLACE IS FENCED AND HAS A SPECIALLY BUILT STAGE AT ONE END AND EVEN TODAY MAJOR PUBLIC MEETINGS ARE HELD TOP AT THIS CHOK. IT IS BUSTLING WITH COMMERCIAL ACTIVITIES. IT IS KNOWN TO BE ONE OF THE COOLEST PLACES DUE TO THE DENSE GREENERY AND NARROW LAYERS. THE STATUE OF SHIVAJI MAHARAJ MADE OF MARBLE AND A GLASS HOUSE ADDS TO THE BEAUTY AND SPLENDOR OF THIS PLACE.

### HISTORY


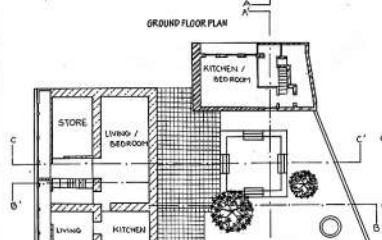
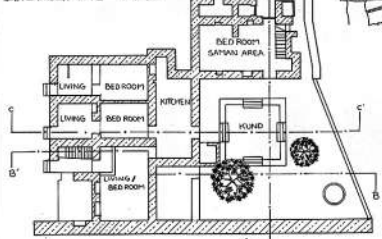

TAKABAI BHOSLE WAS THE QUEEN OF CHHATRAPATI RAJARAM BHOSLE. SON OF SHIVAJI. SHE IS ACCLAIMED FOR HER ROLE IN KEEPING ALIVE THE RESISTANCE AGAINST MUGHAL OCCUPATION OF MARATHA TERRITORIES AFTER THE DEATH OF HER HUSBAND IN 1700. KANHARABAI BROUGHT IN PEOPLE OF 15 DIFFERENT CASTES TO ESTABLISH SETTLEMENT IN THE AREA OF PETHCOOT. RANI TAKABAI DIDN'T JUST HELP THE POOR WITH THE EMPLOYMENT BUT THIS MOVIE OF HER TO BRING DIFFERENT CASTES AND CREED PEOPLE TO A AREA BROUGHT PEOPLE TOGETHER AND CREATED HARMONY.

TAKABAI WAS INSTRUMENTAL IN GIVING SPACE TO NEW TALENTS HERE SPECIFIC OF THEIR BACKGROUND. DURING HER TENURE ALMOST ALL SECTIONS OF SOCIETY ROSE TO POWER. FORTUNATELY THE MARATHA EMPIRE WAS THE MOST SOCIALLY MOBILE EMPIRE WHICH ACCOMMODATED MANY NEW SOCIO-ECONOMIC GROUPS WHICH WERE TOWERS MILES AWAY FROM POWER.

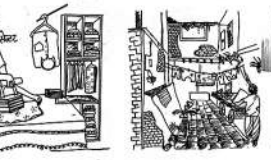
THE 12 DIFFERENT JAATIS WERE: MAHOUTS, BUTCHERS, JEWELLERS, FUNDIRS, SERVANTS, HORSE RIDERS, MASON, ARTISANS, PHOBI, BAWARCHI, WEAVERS. TILL TODAY ALL THE DIFFERENT CASTES RESIDE TOGETHER IN A AREA WITHIN THE CITY.

### KEY PLAN


THE CLUSTER CONSISTS OF 6 HOUSES. THE CENTRAL KUND IS USED AS THE WASH AREA FOR WASHING THE CLOTHES. THE COMMUNITY IS LEAD BY A LARER ALTHOUGH FROM THE VIEW THE LARER OF THE AREA ARE DEPENDENT ON THIS COMMUNITY FOR WASHING CLOTHES. THE WATER NEEDS TO BE PUMPED FROM THE WELL IN THE COURTYARD.



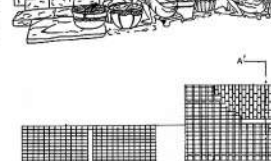
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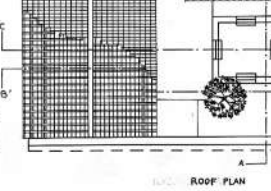
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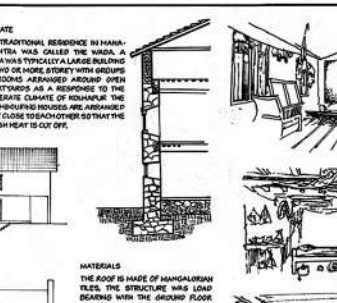
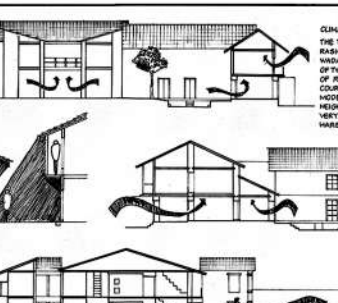



### NORTH SIDE ELEVATION



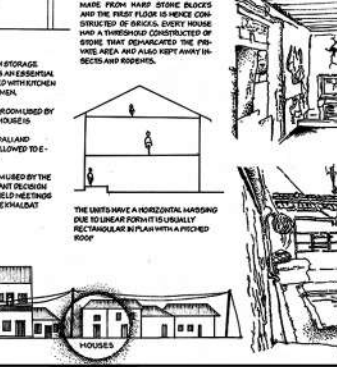
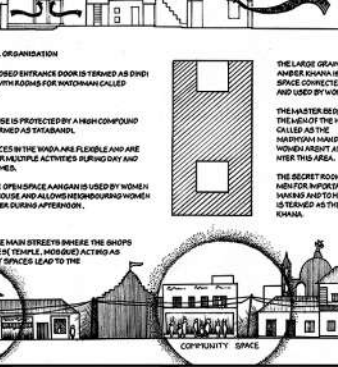
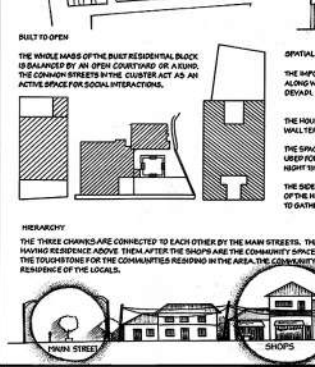
### KEY PLAN

MAHARASHTRA TEMPLE BEING OF UTMOST IMPORTANCE ACTS AS ROOTS FROM WHICH THE SETTLEMENT OF KOLHAPUR GROWS. THE SETTLEMENT DEVELOPED IN A VERY ORGANISED WAY NEARBY THE TEMPLE WHICH ACTS AS A DATA. A SOCIAL HIERARCHY IS OBSERVED AS ONE NAMED CONTINUALLY GROWS.






### CLIMATE

THE TRADITIONAL RESIDENCE IN MAHARASHTRA WAS CALLED THE WADA. A WADA WAS TYPICALLY A LARGE BUILDING OF TWO OR MORE STORIES WITH GROUPS OF ROOMS ARRANGED AROUND OPEN COURTYARDS AS A RESPONSE TO THE MODERATE CLIMATE OF KOLHAPUR. THE NEIGHBOURING HOUSES ARE ARRANGED VERY CLOSE TO EACH OTHER SO THAT THE WADH HEART IS COOL OFF.






### MATERIALS

THE ROOF IS MADE OF MANGALGIRAN SLATES. THE STRUCTURE WAS LONG BEARING WITH THE GROUND FLOOR MADE FROM HARD STONE BLOCKS AND THE FIRST FLOOR IS WOODEN CONSTRUCTED OF BRICKS. EVERY HOUSE HAD A THRESHOLD CONSTRUCTED BY STONE THAT DEHANCED THE PRIVATE AREA AND ALSO KEPT AWAY INSECTS AND RODENTS.



### BUILT TO OPEN

THE WHOLE MASS OF THE BUILT RESIDENTIAL BLOCK IS BALANCED BY AN OPEN COURTYARD OR A KUND. THE COMMON STREETS IN THE CLUSTER ACT AS AN ACTIVE SPACE FOR SOCIAL INTERACTIONS.



### HIERARCHY

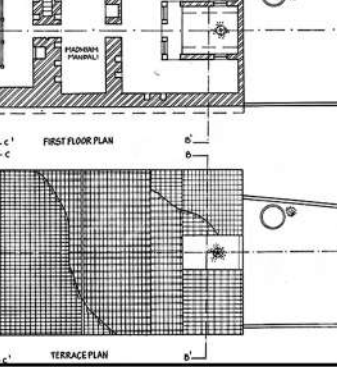
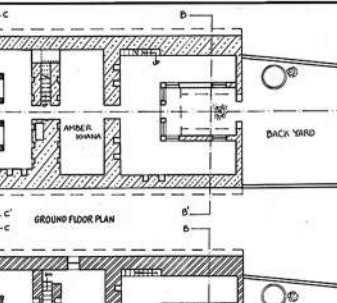
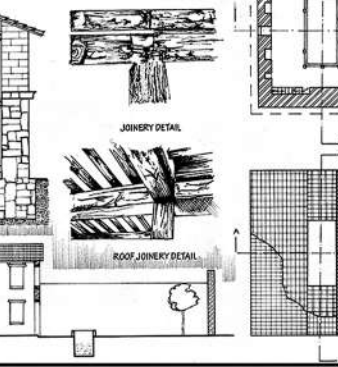
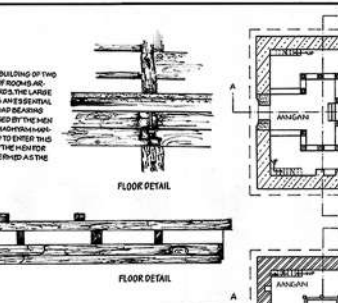
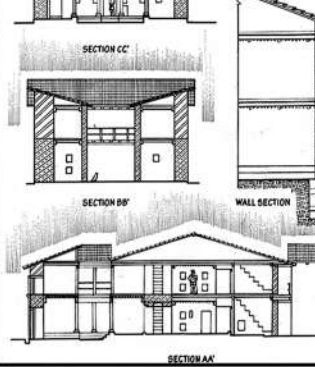
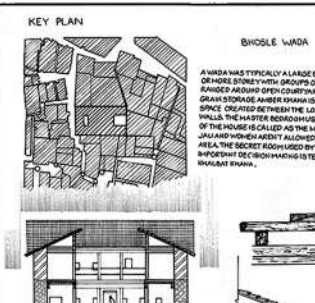
THE THREE CHANGES ARE CONNECTED TO EACH OTHER BY THE MAIN STREETS. THE MAIN STREETS WHERE THE SHOPS HAVING RESIDENCE ABOVE THEM AFTER THE SHOP ARE THE COMMUNITY SPACES (TEMPLE, WADH) ACTING AS THE TOWNSTONE FOR THE COMMUNITIES RESIDING IN THE AREA. THE COMMUNITY SPACES LEAD TO THE RESIDENCE OF THE LOCALS.




### KEY PLAN

BHOSLE WADA


A WADA WAS TYPICALLY A LARGE BUILDING OF TWO OR MORE STORIES WITH GROUPS OF ROOMS AND RANGED AROUND OPEN COURTYARDS. THE LARGE GRAIN STORAGE ANDER KHANA IS AN ESSENTIAL SPACE. LOCATED BETWEEN THE LARER AND THE KHANA. THE MASTER BEDROOM USED BY THE HEAD OF THE HOUSE IS CALLED AS THE MAHARAJA KHANA. JAU AND WOMEN AREN'T ALLOWED TO ENTER THE IMPORTANT DECISION MAKING IS TYPICALLY THE MAHARAJA KHANA.



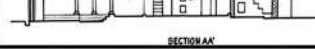
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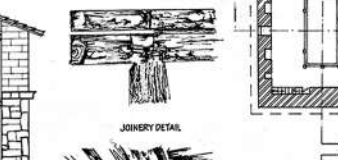
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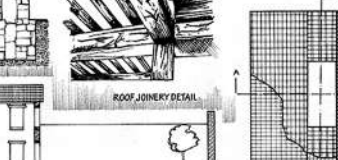
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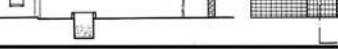
### WALL SECTION



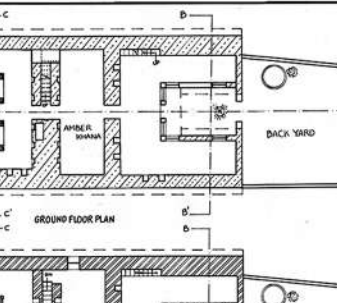
### JOINTERY DETAIL



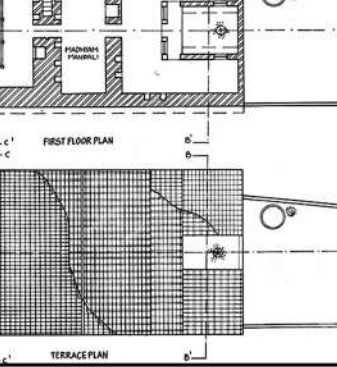
### ROOF JOINTERY DETAIL




### GROUND FLOOR PLAN



### FIRST FLOOR PLAN



### TERRACE PLAN





# NATIONAL STUDY TOUR, AMRITSAR, PUNJAB

Vidya Sagar mental hospital reconstructed in 2001 was initially placed at the circular road i.e., main road, which was then shifted to a comparatively isolated land, on which there was further development of commercial complex. Trilokh mall. The hospital is now considered as the point of proliferation for the adjoining residential built.  
Mental hospital is a specialty hospital, with its patients having their special needs. Average stay of patients in a mental hospital is usually much longer than other hospital so more green space is required.  
planned on a site of 45 acres, the master plan comprises primarily two zones: the inner circle having male and female sections is enclosed by high boundary-walls with restricted entries. The master plan provides for ample open spaces to be developed as gardens, parks, play fields etc. This helps in creating a lively, cheerful, and natural environment, which is a prerequisite for such hospital.

