



DETAIL PROJECT REPORT

for the Medical College, SMVDIME and its associated Hospital Shri Mata Vaishno Devi Narayana Superspeciality Hospital (SMVDNSH)

at Kakryal, Katra, Jammu and Kashmir, India



SHRI MATA VAISHNO DEVI SHRINE BOARD
Katra, Jammu and Kashmir



ACHAL KATARIA ARCHITECTS
E-15, First Floor, NDSE-I, New Delhi

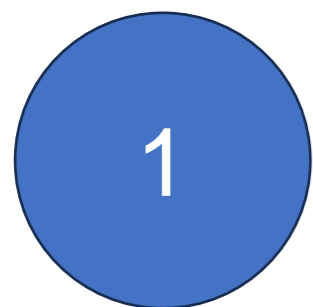


ASTRON HOSPITAL & HEALTH CARE CONS. P. Ltd.
Surya Kiran Complex, Old MG Road, Gurgaon



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INTRODUCTION

Shri Mata Vaishno Devi Institute of Medical Excellence (SMVDIME) Embarks on a New Chapter in Medical Education and Healthcare at Kakryal, Katra

In a visionary initiative to improve healthcare services in Jammu & Kashmir, particularly in underserved areas, the Shri Mata Vaishno Devi Shrine Board (SMVDSB) initiated the construction of a Superspeciality Hospital at Kakryal, Katra, as an integral part of the Shri Mata Vaishno Devi Institute of Medical Excellence (SMVDIME).

This effort culminated in the establishment of the state-of-the-art, 467-bedded Shri Mata Vaishno Devi Narayana Superspeciality Hospital, a NABH-accredited institution, which was inaugurated on Tuesday, April 19, 2016, by the Hon'ble Prime Minister of India, Shri Narendra Modi, at Kakryal.

The Tertiary Care Superspeciality Hospital, in collaboration with the Shri Mata Vaishno Devi Shrine Board, caters to patients across more than 20 different specialities, with a special focus on Cardiology & Cardiovascular Surgery, Medical & Surgical Gastroenterology, Orthopaedics & Joint Replacement, Renal Sciences, Medical, Radiation & Surgical Oncology, and Critical Care Medicine. This ensures affordable, high-quality care, a hallmark of Narayana Health, for the people of Jammu & Kashmir.

Recognizing the need for sustained excellence in healthcare, the Hon'ble Lieutenant Governor (Chairman, SMVDSB) highlighted the importance of establishing a Medical College and Nursing College to ensure the long-term sustainability of SMVDIME, given its strategic location. As a result, the SMVD College of Nursing was founded in Kakryal in 2016, further strengthening the region's healthcare infrastructure.

Building on an interdisciplinary approach that integrates cutting-edge technology, evidence-based practices, and patient-centered care, SMVDIME planned the teaching and training of MBBS undergraduates. This initiative aims to revolutionize medical education, research, and healthcare delivery, with a proposal to enroll a batch of 50 MBBS students for the upcoming academic session.

Building on this momentum, the recent Board Meeting saw the Shrine Board grant in-principle approval for the establishment of a 50-seat Medical College, in accordance with National Medical Commission norms/ guidelines , with provisions to expand to a 100-seat capacity by the third year.

A 34-acre parcel of land, previously unused by SMVD University, has been identified for the construction of the proposed SMVDIME Medical College. This comprehensive facility will include a five-story building, with the top floor dedicated to a Paramedical College. Additionally, an adjacent 11-acre plot has been designated for the establishment of a Dental College.

To support the infrastructure needs of the Medical College, the construction of hostels for boys, girls, and faculty has also been approved.

In an effort to optimize resources, several key facilities, including the Central Library, Auditorium, and Playground, will be shared between SMVD University and SMVDIME Medical College.

The establishment process of the SMVDIME Medical College has already begun. As part of this project, the existing infrastructure of the Shri Mata Vaishno Devi Narayana Superspeciality Hospital will be upgraded with the addition of 250 beds and the necessary infrastructure to meet National Medical Commission standards. This will be done alongside the construction of the SMVDIME Medical College and faculty hostels.

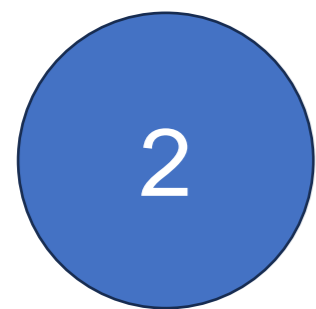
The SMVDIME Medical College is expected to be completed within two years. In the interim, the Administrative Block of SMVD University will be used for the temporary operations of the Medical College.

The Medical College will be affiliated with SMVD University, with the Shri Mata Vaishno Devi Narayana Superspeciality Hospital serving as its teaching hospital. It is poised to become a premier institution, offering exceptional educational opportunities through its distinguished faculty. MBBS students will receive hands-on training in approximately 26 specialties available at the Shri Mata Vaishno Devi Narayana Superspeciality Hospital in Kakryal.

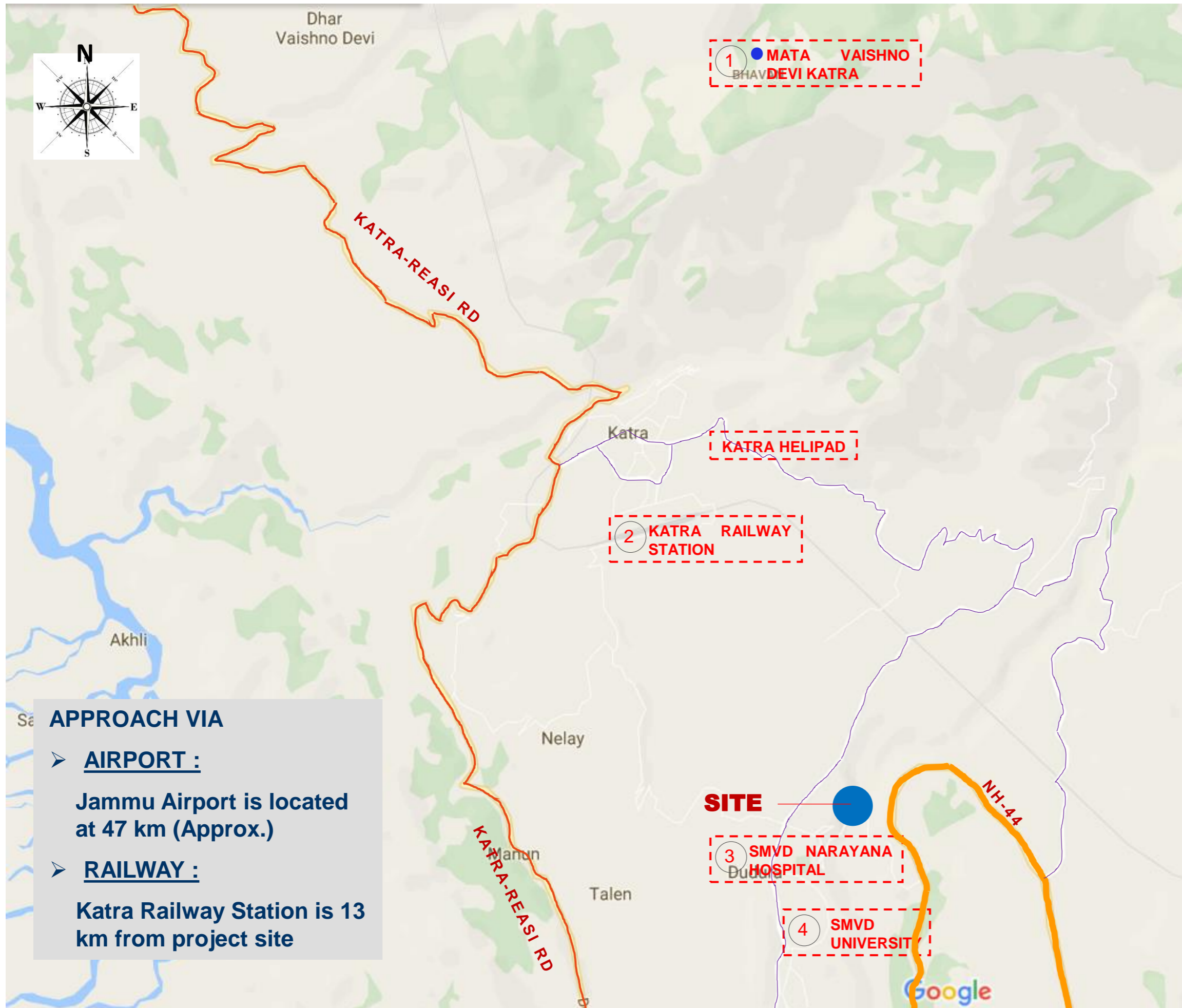
This ambitious initiative highlights the commitment of SMVDIME and the Shri Mata Vaishno Devi Shrine Board (SMVDSB) to providing world-class medical education and healthcare in Jammu & Kashmir, paving the way for a healthier future for the region.



Shri Mata Vaishno Devi Narayana Superspeciality Hospital (Phase-I) inaugurated by Hon'able Prime Minister Shri Narendra Modi on 19th April 2016



LOCATION



APPROACH VIA

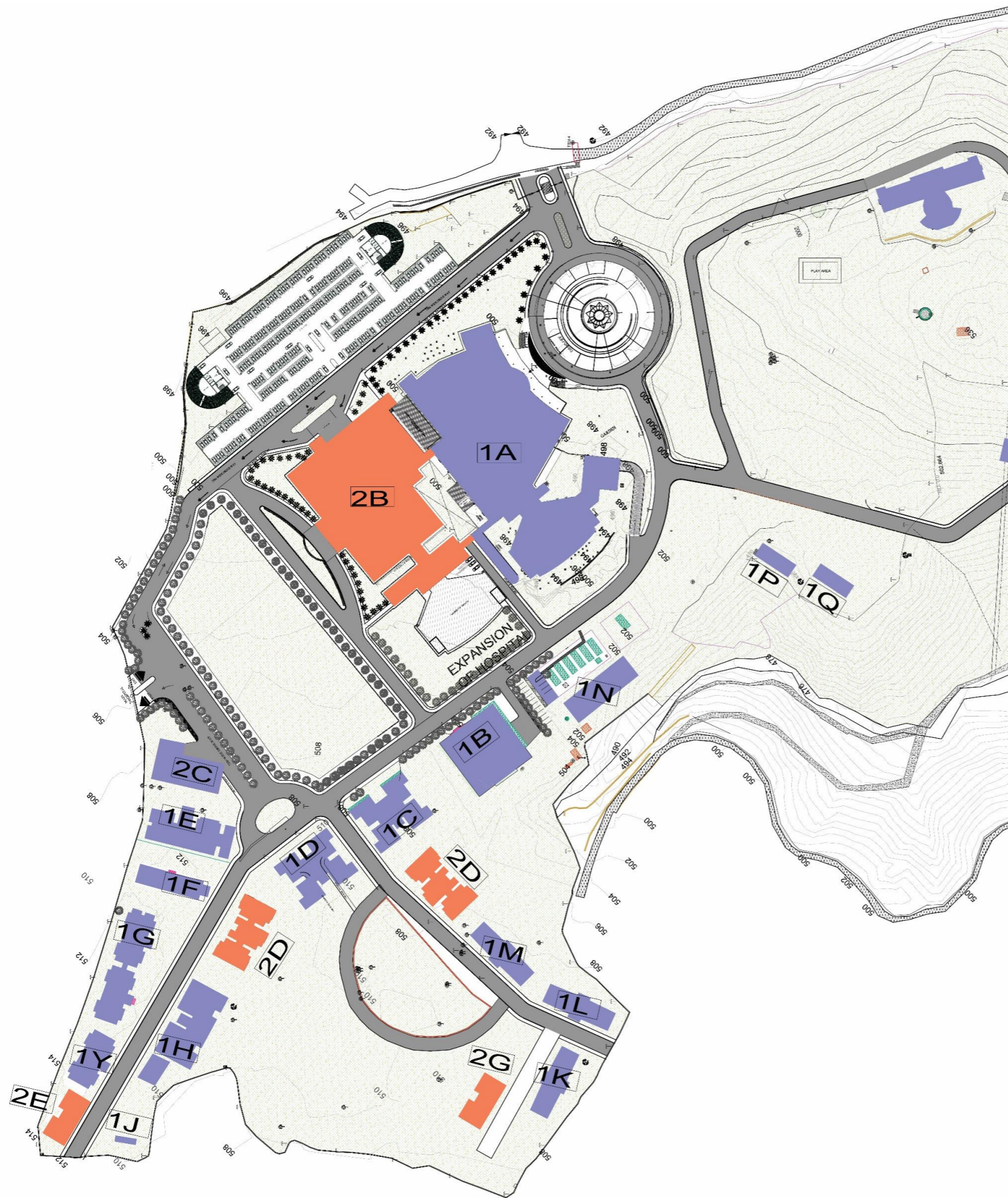
- **AIRPORT :**
Jammu Airport is located at 47 km (Approx.)
- **RAILWAY :**
Katra Railway Station is 13 km from project site





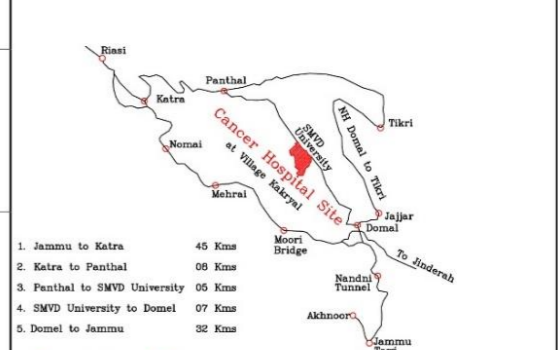
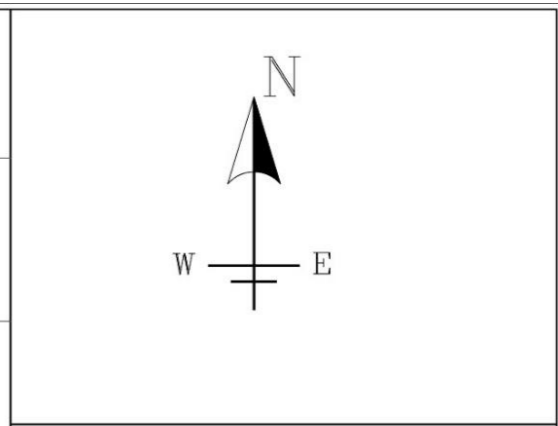
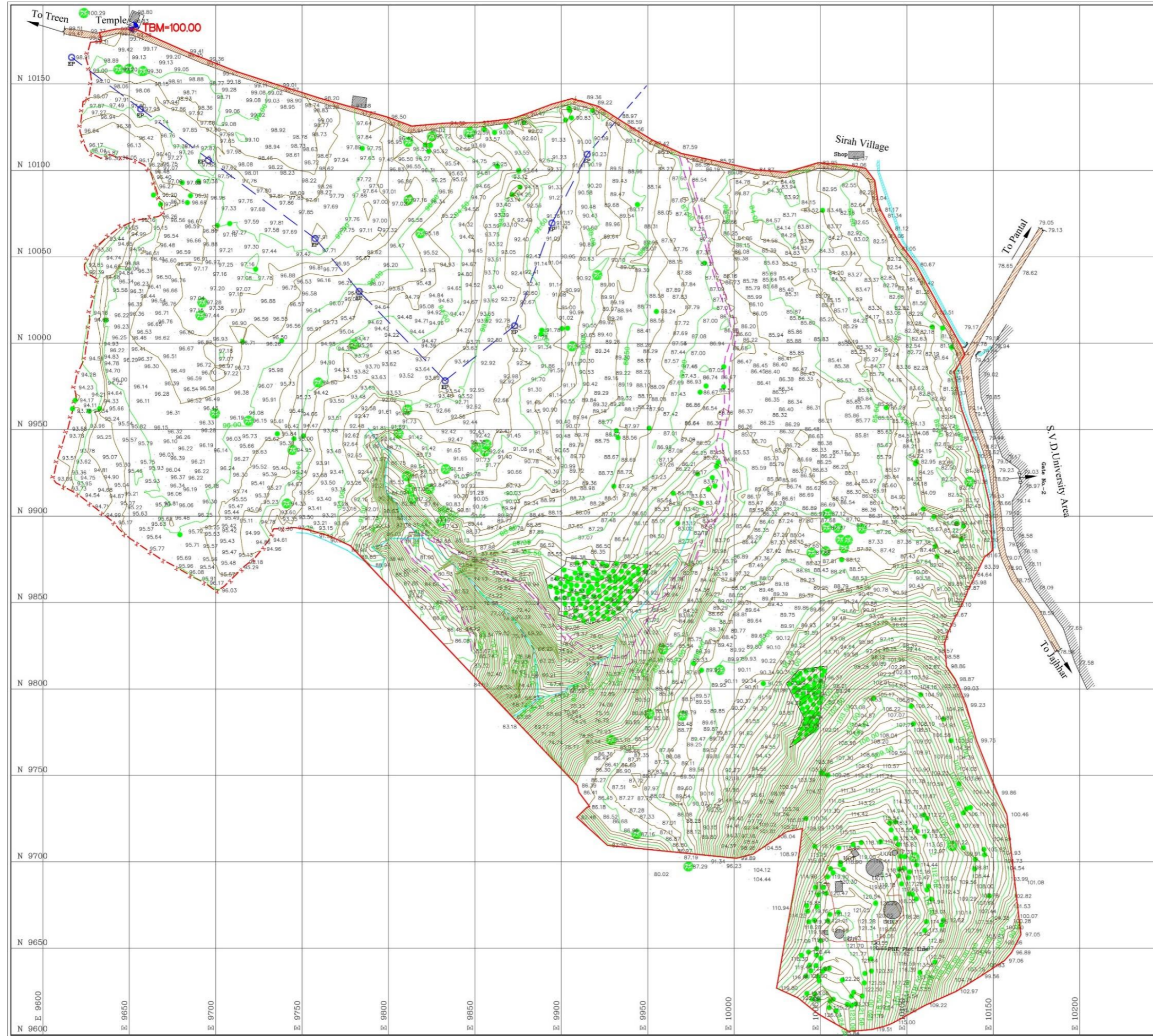
SURVEY PLAN OF SMVDNH & SMVDU CAMPUS

EXISTING AND PROPOSED SMVDNH CAMPUS MASTER PLAN



PHASE I		PHASE II	
PHASE - I	LEGEND	PHASE - II	LEGEND
EXISTING SMVDN HOSPITAL	1A	EXPANSION OF HOSPITAL	2B
ASHWIN BHAWAN	1B	PARAMEDICS ACCOMODATION MALE	2E
DHANWANTRI BHAWAN	1C	FACULTY ACCOMODATION 2 BHK	2D
AAYUSH BHAWAN	1D	PARAMEDICS ACCOMODATION FEMALE	2G
ASHRAY BHAWAN	1E		
AAROGYA BHAWAN	1F		
CHARAK BHAWAN	1G		
SUSHRATA BHAWAN	1H		
ELECTRIC SUB STATION	1J		
NIVEDITA BHAWAN-2	1K		
NIVEDITA BHAWAN-1	1L		
CHARAK BHAWAN -2	1M		
LAUNDRY CUM OFFICE COMPLEX	1N		
STP	1P		
INCENERATOR	1Q		
HOSTELS	1R		
FACILITIES (SHOPS & CAFETERIA)	1S		
FACULTY HOUSING (TYPE 2 - 2BHK)	1T		
FACULTY HOUSING (TYPE 2 - 2BHK)	1U		
SANJEEVANI BHAWAN	1X		
STAFF HOUSING	1Y		

SURVEY PLAN OF SMVDNH CAMPUS



Location Plan
(Not to Scale)

Legend

S.No.	Description	Symbol
1.	Temporary Bench Mark	◆ TBM-100.00
2.	Fencing Line	— X — X —
3.	Plot Line	— — — — —
4.	Minor Contour @ 0.50 m Interval	~ ~ ~ ~ ~
5.	Major Contour @ 1.50 m Interval	— — — — —
6.	Metalled Road	▨ ▨ ▨ ▨ ▨
7.	Drain	— — — — —
8.	Unmetalled Road	— — — — —
9.	Electric Line & Pole	— ○ — — —
10.	Nallah	— — — — —
11.	Built up Area	▨ ▨ ▨ ▨ ▨
12.	Big Tree / Small Tree	● ○
13.	Culvert	— — — — —
14.	Cluster of Trees	● ● ● ● ●

Notes

- All Dimensions are in Metres.
- Magnetic north and grid north are the same as shown.
- Grid Value : 50M X 50M.
- Only minor and major contours are shown in this drawing for clarity, which are generated considering many recorded levels.
- Minor Contour @ 0.50 m Interval
Major Contour @ 1.50 m Interval
- Temporary Bench Mark is taken at the plinth of Temple as 100.00M.

Area = 183580.98 Sq.M.
= 45.36 Acres

Project : Proposed Site of the Cancer Hospital at Kakryal near Katra Town (J&K).		
Title : Topographical Survey Plan		
Client : Shri Mata Vaishno Devi Shrine Board, Katra		
Date : Aug. 2006	Surveyed By : ITSPL	Checked By :
	Drawn By : ITSPL	
Scale : 1 : 1000	Drg. No. : ITSPL / Cancer Hospital/Katra/01	Revision : 0





DETAILS OF CAMPUS BUILDINGS

<input type="checkbox"/> Teaching and Super Specialty Hospital	467 beds (and proposed additional 286 beds)
<input type="checkbox"/> Medical College (MBBS)	50 Intake per year
<input type="checkbox"/> Nursing College (MSC & BSC)	80 intake per year
<input type="checkbox"/> Hostel for Staff Nurses	500 Nos.
<input type="checkbox"/> Hostel for Nursing College	240 Nos.
<input type="checkbox"/> Hostel for Students (Medical College)	100 Nos.
<input type="checkbox"/> Doctors Hostel Male/ Female -Bachelor	177 Nos.



NMC GUIDELINES FOR TEACHING HOSPITAL

B.1.2. Indoor beds occupancy : Average occupancy of indoor beds shall be a minimum of 80 % per annum. Bed strength shall be as under:

BEDS FOR MBBS SEAT CAPACITY	50	100	150	200	250
GENERAL MEDICINE	50	100	150	220	225
PEDIATRICS	25	50	75	100	125
DERMATOLOGY	5	10	10	10	10
PSYCHIATRY	5	10	15	20	25
GENERAL SURGERY *	50	100	150	150	200
ORTHOPEDICS	20	40	60	80	100
OTORHINOLARYNGOLOGY(ENT)	10	20	20	30	30
OPHTHALMOLOGY	10	20	20	30	30
OBSTETRICS & GYNAECOLOGY	25	50	75	100	125
ICUs	20	20	30	30	30
TOTAL	220	420	605	770	900
OPD/DAY	400	800	1200	1600	2000
Major OT	4	7	9	10	11
Minor OT- well equipped (with Anaesthesia facility)	1 for each surgical specialty				

* For hospitals with 100 or more beds dedicated for Gen. Surgery, at least 10% shall be dedicated to Pediatric

FACULTY REQUIREMENT FOR MBBS ADMISSIONS

S. No.	Department	Designation	50 seats	100 seats	150 seats	200 seats	250 seats
1	ANATOMY	Professor	1	1	1	1	1
		Associate Prof.	1	1	2	2	3
		Asst. Prof.	2	2	3	4	5
		Tutor/ Demonstrator	3	4	5	6	8
		Senior Resident	1	2	3	4	4
2	PHYSIOLOGY	Professor	1	1	1	1	1
		Associate Prof.	1	1	2	2	3
		Asst. Prof.	1	2	2	4	5
		Tutor/ Demonstrator	2	3	4	5	5
		Senior Resident	1	2	3	4	4
3	BIOCHEMISTRY	Professor	1	1	1	1	1
		Associate Prof.	1	1	2	2	3
		Asst. Prof.	1	2	2	3	4
		Tutor/ Demonstrator	2	3	4	4	4
		Senior Resident	1	2	3	4	4
4	PHARMACOLOGY	Professor	1	1	1	1	1
		Associate Prof.	1	1	2	2	3
		Asst. Prof.	1	2	3	4	4
		Tutor/ Demonstrator	2	3	4	6	6
		Senior Resident	1	2	3	4	4

5	PATHOLOGY	Professor	1	1	1	1	1
		Associate Prof.	1	2	3	3	4
		Asst. Prof.	1	3	3	4	5
		Tutor/Demonstrator	2	4	5	6	6
		Senior Resident	1	2	3	4	4
6	MICROBIOLOGY	Professor	1	1	1	1	1
		Associate Prof.	1	1	2	2	3
		Asst. Prof.	1	2	3	3	4
		Tutor/ Demonstrator	2	4	4	5	5
		Senior Resident	1	2	3	4	4
7	FORENSIC MED. TOXICO	Professor	1	1	1	1	1
		Associate Prof.	1	1	1	1	2
		Asst. Prof.	1	1	1	2	4
		Tutor/ Demonstrator	1	2	3	4	4
		Senior Resident	1	2	3	4	4
8	COMMUNITY MEDICINE	Professor	1	1	1	1	1
		Associate Prof.	1	2	2	3	3
		Asst. Prof.	2	3	4	5	6
		Statistician (Minimum A.P. level)	1	1	1	1	1
		Tutor/Demonstrator	1	2	3	4	5
		Senior Resident	1	2	3	4	4
9	GENERAL MEDICINE	Professor	1	1	1	1	1
		Associate Prof.	1	3	4	6	7
		Asst. Prof.	2	4	5	7	8
		Senior Resident	2	4	5	7	8

10	PEDIATRICS	Professor	1	1	1	1	1
		Associate Prof.	1	1	2	3	3
		Asst. Prof.	1	2	3	4	5
		Senior Resident	1	2	3	4	4
11	DERMATOLOGY	Professor	0	0	1	1	1
	Prof/ Assoc. Prof. upto 100 seats	Associate Prof.	1	1	1	1	1
		Asst. Prof.	1	1	1	1	1
		Senior Resident	1	1	1	1	2
12	PSYCHIATRY	Professor	0	0	1	1	1
	Prof/ Assoc. Prof. Upto 100 Seats	Associate Prof.	1	1	1	1	1
		Asst. Prof.	1	1	1	1	1
		Senior Resident	1	1	1	1	2
		Clin. Psychologist	1	1	1	1	1
13	GENERAL SURGERY	Professor	1	1	1	1	1
		Associate Prof.	1	3	4	6	7
		Asst. Prof.	2	4	5	7	8
		Senior Resident	2	4	5	7	8
14	ORTHOPEDICS	Professor	1	1	1	1	1
		Associate Prof.	1	1	2	3	3
		Asst. Prof.	1	2	3	4	5
		Senior Resident	1	2	3	4	4
15	OTORHINOLARYNGIOLOGY (ENT)	Professor	0	1	1	1	1
	Prof/ Assoc. Prof. Up to 50 Seats	Associate Prof.	1	1	1	2	2

		Asst. Prof.	1	1	2	2	3
		Senior Resident	1	1	2	2	3
16	OPHTHALMOLOGY	Professor	0	1	1	1	1
	Prof/ Assoc. Prof. Up to 50 Seats	Associate Prof.	1	1	1	2	2
		Asst. Prof.	1	1	2	2	3
		Senior Resident	1	1	2	2	3
17	OBSTETRICS & GYNECOLOGY	Professor	1	1	1	1	1
		Associate Prof.	1	1	3	4	4
		Asst. Prof.	1	2	4	4	5
		Senior Resident	1	2	4	4	5
18	ANESTHESIOLOGY	Professor	1	1	1	1	1
		Associate Prof.	1	2	3	4	5
		Asst. Prof.	2	4	5	5	6
		Senior Resident	2	3	4	5	5
19	RADIO DIAGNOSIS	Professor	0	1	1	1	1
	Prof/ Assoc. Prof. Up to 50 Seats	Associate Prof.	1	1	1	1	2
		Asst. Prof.	1	1	2	3	3
		Senior Resident	1	2	3	3	3
20	DENTISTRY	Professor	0	0	0	1	1
	Prof/ Assoc. Prof. Up to 100 Seats	Associate Prof.	1	1	1	1	1
	Not required if Dental coll Present in campus/ city/ town	Asst. Prof.	1	1	1	1	1
		Senior Resident	1	1	1	1	1

TOTAL STRENGTH

	PROF	ASSOC. PROF	ASST. PROF	TOTAL	TUT/DEMO	SR
50 SEATS	14	20	25	59	15	23
100 SEATS	17	27	41	85	25	40
150 SEATS	19	40	55	114	32	58
200 SEATS	20	51	70	142	40	73
250 SEATS	20	62	86	168	43	80



NMC GUIDELINES FOR MEDICAL COLLEGE

- DEPARTMENTS
 - ANATOMY
 - PHYSIOLOGY
 - BIO-CHEMISTRY DEPARTMENT
 - PATHOLOGY
 - MICROBIOLOGY
 - PHARMACOLOGY
 - FORENSIC MEDICINE AND TOXICOLOGY
 - COMMUNITY MEDICINE
- ADMINISTRATIVE AREA
- COLLEGE COUNCIL
- LIBRARY IN CENTRAL LIBRARY BLOCK OF SMVDU
- 4 NEW LECTURE THEATERS
- TEACHING ROOMS
- STUDENT PRACTICAL LABORATORIES ONE EACH FOR EVERY DEPTT.
- MUSEUMS
- SKILLS LABORATORY
- DIRECTOR OFFICE, DEPTT. & ADMIN. OFFICES, STAFF ROOMS, GYMNASIUM
- MEDICAL EDUCATION UNIT
- CENTRAL RESEARCH LABS

These regulations shall be applicable for Medical Colleges being established from the academic session 2024-25 onwards. Applications for establishing new undergraduate medical education colleges shall be allowed only for 50/100/150 seats.

- Only such colleges meeting these requirements shall be eligible for continuing their admission of permitted/recognised number of MBBS students from the academic year 2024-2025.
- Colleges seeking increased number of seats cannot exceed a total of 150 MBBS students from the year 2024-25;
- Colleges seeking increase in seats for admission, shall have admitted batch fulfilling all the criteria for number of seats admitted for the preceding academic year and also shall be fulfilling all the requirements for increase in seat capacity;
- Any additional permitted seat quota for admissions shall be within the number of seats granted for admission to that college;
- With the exception that colleges who have applied for academic year 2023-24 for increased seats but failed to get the same, can ask for the same number (totaling 200 or 250) that was in their previous application for one time in the year 2024-25 only.
- After A.Y. 2023-24, Letter of permission (LOP) for starting of new medical colleges shall be issued only for annual intake capacity of 50/100/150 seats;

Provided that medical college shall follow the ratio of 100 MBBS seats for 10 lakh population in that state/ U.T.

Departments: Every medical college/ institution approved for under graduate admissions annually shall have the following departments, namely;

- i. Anatomy
- ii. Physiology
- iii. Biochemistry
- iv. Pathology
- v. Microbiology
- vi. Pharmacology
- vii. Forensic Medicine And Toxicology
- viii. Community Medicine
- ix. General Medicine
- x. Pediatrics
- xi. Psychiatry
- xii. Dermatology
- xiii. General Surgery
- xiv. Orthopaedics
- xv. Radio-Diagnosis
- xvi. Oto-Rhinolaryngology
- xvii. Ophthalmology
- xviii. Obstetrics & Gynaecology
- xix. Anesthesiology
- xx. Dentistry
- xxi. Integrative Medical Research

SCHEDULE -I

ACCOMMODATION IN THE MEDICAL COLLEGE AND ITS ASSOCIATED TEACHING HOSPITALS

A-COLLEGE

A. 1. GENERAL

1.1 Campus

Every hospital seeking permission to start medical college after the publication of this amended regulation

shall comprise of the Medical College, the attached Teaching hospital/(s), and the hostels for the students and interns, with or without the residential area for faculty and other staff of college /hospital. The medical college, hostels for students/interns and the teaching hospital/institution shall be either in a unitary campus or maximum of two campuses.

Each unitary campus shall have adequate constructed area on the land, as per the prevalent building norms, belonging to the college management or if on lease, at least for a period of 30 years on lease. If there are 2 plots/ campuses, then college shall be in single plot. The distance between the plots of college and hospital shall have a travel time of maximum of 30 minutes.

The hospital shall have at least two hundred and twenty (220) beds.

The medical college shall provide adequate built-up space to accommodate various teaching areas (both in the college and the teaching hospital), Library, administrative areas, rooms for teaching and non-teaching staff, student amenities, etc. as specified in various sections of this schedule.

The buildings of the medical college and hospital shall conform to the prevailing building codes and local building byelaws/ norms. The hospitals should have fire-safety measures, including patient evacuation plans as per local byelaws and regulations. They must also comply with the requirements for providing access and facilities to those who are disabled. The buildings of the college and hospital shall meet the requirements for the numbers of students to be admitted as prescribed.

1.2 Administrative Area

There should be adequate accommodation for the Principal/Dean, College Council, Academic and examination sections, Accounts, and other administrative offices (as per the need), the medical education unit and the server room for the computer network.

1.3 College Council

Every Medical College / Medical Institution shall have a College Council comprising of the Head of departments as members and Principal/ Dean as Chairperson. The Council shall meet at least four times in a year to draw up the details of curriculum and training programme, enforcement of discipline and other academic matters. The Council shall also organise regular interdepartmental meetings like grand rounds, statistical meetings, and clinic-pathological meetings including periodical review of research in the institution.

1.4. Central Library

1. There shall be a central library (preferably air-conditioned) with good lighting and adequate space for stocking the books and journals. There shall be provision for:

- (a) Rooms for the Librarian and other staff.
- (b) Reading rooms with adequate seating for twice the number of annual intake of UG students distributed over 2 areas.
- (c) Reading room for faculty.
- (d) Room for stocking old books, journals, etc.
- (e) A computer room with computer nodes with internet facilities for at least 10% of the annual intake of students.

2. Books: There shall be at least thirty (30) books per annual intake of students comprising all subjects with at least two (2) copies of each of the textbooks for every 50 students, for the various subjects in MBBS curriculum.

3. Journals: The minimum number of journals for various annual intake of MBBS students shall be at least one (1) percent of the minimum books prescribed. The journals shall be either in print or electronic form, provided that there shall be at least one (1) print journal of each major specialty departments for MBBS training – Anatomy, Physiology, Biochemistry, Pathology, Pharmacology, Microbiology, Forensic Medicine & Toxicology, Community Medicine, Medicine, Pediatrics, Dermatology, Psychiatry, Surgery, Orthopedics, Otorhinolaryngology, Ophthalmology, Obstetrics & Gynecology, Anesthesia, Radio-diagnosis and Dentistry.

Provided that only journals that are indexed in the following databases i.e. Pubmed Central (PMC), Medline, Science Citation index (SCI), Science Citation Index Expanded (SCIE), Embase, SCOPUS and INDMED/ MedInd will be considered. There shall be evidence for a full annual subscription for all these journals. For every 50 students, there shall be minimum 15 journals and 1500 books. A total of up to 60% of books can be made be available as hard copies and the remaining 40% be available in electronic format. Variety of journals shall be the same irrespective of annual student intake.

1.5. Lecture theatres

1. There shall be minimum of four lecture theatres preferably air conditioned, of gallery type in the Institution, each of them with seating capacity for 20% more than the annual student intake (shall provide at least 1.40 sq.m. /student).



2. In case the hospital is not in the same unitary campus there shall be one additional lecture theatre in the teaching hospital with a similar seating capacity as prescribed for the medical college.
3. The Lecture theatres shall have provision for audio-visual and internet facilities and shall be enabled for e-learning with adequate band width. The lecture theatres shall be linked digitally to all teaching areas designated for small group teaching.
4. The lecture theatres shall be shared by all the departments in a programmed manner.

1.6 Small Group Teaching Facilities

The size of each batch for small group teaching shall be about 15 students. The common resource pool of teaching rooms, student practical laboratories, museums and lecture theatres and any other available area that can be utilized for teaching purposes as prescribed in these regulations shall all be utilized for small group teaching and shared by the teaching departments. All the above-mentioned teaching areas shall have audio-visual and internet facilities and be linked digitally to one another.

- a. **Teaching Rooms:** The minimum number of teaching rooms in the medical college for various intake of MBBS students annually to be shared by all the departments (each teaching room shall provide at least 1.2 sq.m/student). To provide adequate small group teaching, appropriate area in each of the teaching specialties and locations shall be made available. Each of such area shall also have a facility to connect to larger lecture halls and internet facilities.
- b. **Student Practical Laboratories.** There shall be practical laboratories, one each for Histology, Clinical Physiology, Biochemistry, Histopathology & cytopathology, Clinical Pathology & Hematology, Microbiology, Clinical Pharmacology, and Computer Assisted Learning (CAL) in Pharmacology. For optimal utilization of the space, labs may be shared by the departments with mutual consent. Adequate work stations shall be provided to ensure the training of students (either for the entire batch or in parts thereof). All the above-mentioned laboratories shall have audio-visual and internet facilities and be linked digitally to all other teaching areas and museums. Facilities for technical staff shall be ensured.

Laboratories may be designed and provided with required facilities appropriately for each department.

The service laboratories for the hospital in the departments of Pathology including Hematology, Biochemistry, and Microbiology can be co-located in the medical college with appropriate additional spacing.

Computer Assisted Learning (CAL) lab in Pharmacology shall have computers with broadband internet and AV aids for computer assisted teaching-learning and assessment activities.

c. **Museum:** There shall be museum/s in the college for teaching Anatomy, Pathology, Forensic Medicine, Pharmacology, Microbiology, and Community Medicine. The specimens/ charts/ skeleton, etc in the museum shall be adequate to train each of the above subjects. In addition to the display area, the museum shall also have sufficient space to seat at least 50 students (at least 1.2 sq. m. per student) and shall have audio-visual and internet facilities and be linked digitally to the Lecture theatres, teaching rooms and practical laboratories. The museum shall have adequate racks and shelves for storing and proper display of wet and dry specimens (where applicable) and models. There shall also be adequate facilities for displaying and viewing radiological and digitalized images. Sharing of the teaching time in museum shall be programmed by the college authorities optimally.

1.7. Skills Laboratory

Every medical institution shall have a Skills Laboratory where students can practice and improve skills pre-specified in the curriculum. The purpose of the skills laboratory is to provide a safe and non-threatening environment for students to learn, practice and be observed performing skills in a simulated environment thus mitigating the risks involved in direct patient exposure without adequate preparation and supervision. The skills laboratory attempts to recreate the clinical environment and tasks which future health care workers have to perform with various levels of complexity and fidelity. *Skills lab is only to prepare the student for clinical exposure. It shall not replace or be used for compensating any hands-on clinical training or conducting examination.* Six (6) weeks of skills lab training including evaluation before the students are posted to the wards for clinical training shall be mandatory.

The skills laboratory shall have a total area of at least 600 Sq.m for intake upto 150 MBBS students annually and 800 Sq.m for intakes of 200 and 250 MBBS students annually, and shall have-

- (a) a minimum of 04 rooms for examination of patients or standardized/ simulated patients,
- (b) a room for demonstration of skills to small groups,
- (c) area for review or debriefing area,

- (d) rooms for faculty coordinator and support staff,
- (e) adequate space for storage of mannequins and/or other equipment,
- (f) facility for video recording and review of the interaction for teaching communication skills,
- (g) stations for practicing skills individually or in groups,
- (h) trainers or mannequins required to achieve skills outlined in the Competency Based Medical Education curriculum for Undergraduates,
- (i) a dedicated technical officer and adequate support staff,
- (j) the teaching areas of the skills lab shall have provision for audio-visual and internet facilities and shall be enabled for e-learning.

1.8. Department Offices, Rooms For Staff And Other Requirements

Every Teaching Department shall have:

- (k) room for Head of Department with Space for Department Office, for office staff and storage of records
- (l) rooms with adequate space for teaching faculty, and Tutors/Demonstrators/ Residents (both Junior & Senior)
- (m) rooms for faculty, provided with communication, computer and internet facilities.
- (n) rooms for non-teaching staff.

1.9. Medical Education Unit

There shall be a Medical Education Unit for faculty development and providing teaching or learning resource material. The Unit shall have provision for audio-visual and internet facilities. The requirements of this unit shall be as prescribed by the Undergraduate Medical Education Board of National Medical Commission from time to time (it shall have an area of at least 150-160 sq.m).

2. Research Facility

A well- equipped research facility shall be available to be used by all departments. The details are covered under Annexure 1.

2.1. Communication Facilities

Adequate communication network (land line or hardware network or wi fi) between various sections of the college and hospitals shall be provided for better services, coordination and patient care.

2.2. Student Amenities

Student amenities including facilities for common rooms for boys and girls (separate), cafeteria, cultural activities, Yoga training, gymnasium, outdoor and indoor games, shall be provided.

2.3 Child Care Centre

A Child Care Centre shall be established in the medical college with adequate facilities for taking care of the infants and the children of staff of the medical college and/or teaching hospital.

3. Aadhar Enabled Biometric Attendance System (AEBAS) & Close Circuit TV Monitoring of Medical Colleges / Institutions And Hospitals:

The medical college/ institution shall be responsible for the installation and maintenance of AEBAS, close circuit camera and HMIS and other Information Technology as prescribed from time to time.

3.1 AEBAS:

- i) All Medical Colleges/Institutions shall install AEBAS to be linked to Command-and-Control center of NMC.
- ii) *The daily AEBAS of the required staff (faculty, residents and supporting staff), preferably along with face linked recognition, shall be made available to NMC as well as on the Medical College Website in the form of daily attendance dashboard.*

3.2 Minimum requirement of attendance:

It shall be mandatory to have at least 75% attendance of the total working days (excluding vacations) for all faculty and resident doctors. During vacation period, other than sick leave or leaves availed due to emergency situations, the faculty on duty shall not be availing any leave. Emergency leaves shall be certified by Head of the

department or Head of the institution.

AEBAS, preferably with face recognition of all students attending every lecture/ teaching class/ seminar shall be recorded and linked to NMC.

3.3 Close Circuit Camera:

Every medical college shall have prescribed number and location of cameras with Close-Circuit Television (CCTV) system in the medical college and shall provide live streaming of classroom teaching, patient care in the teaching hospital and any other area as specified from time to time (*Annexure II*), to enable the Commission to maintain a constant vigil on the standard of medical education/ training being imparted.

The live streaming of both classroom teaching and hospital, shall be integrated with the appropriate virtual monitoring/ teaching system of the National Medical Commission.

3.3 (a): College Website:

- 1) Every college /institute shall have its own website which shall contain the details mentioned in (*Annexure III*) to be updated in the first week of every month or earlier if any changes are made.
- 2) There shall be a separate dynamic dashboard for the hospital including details of clinical material in the hospital (OPD and IPD) (*Annexure III*).
- 3) Adequate Qualified Information Technology (IT) manpower, preferably two (02) persons with minimum BE/ B. Tech qualification to maintain these data shall be employed by the college.

4. Biomedical Waste Management

The Medical Institution must ensure compliance with the Bio-medical Waste (Management & Handling) Rules, 2019 and as notified from time to time. They shall have a robust institutional policy on biomedical waste management of human origin, with a well-defined arrangement for segregation and discarding of biomedical waste. Facilities for biomedical waste management shall be commensurate with the Central/State legislations.

Registration at state level shall be made with registration certificate & receipt of fee paid should be available. Provision for Fire-safety & PWD-friendly arrangements must be established. Power management with evidence of use of amount must be available as and when required for assessment of facilities. This shall be under the direct supervision of Superintendent/ Head of the Institute in close coordination with Department of Microbiology.

5. Hostels For Students, Interns And Resident Doctors.

The College/Institution shall provide furnished accommodation for atleast 75% students, interns, and Resident Doctors. It is desirable that hostel rooms are double accommodation facilities. Adequate recreational, dining and 24x7 security facilities shall be provided at the hostels. However, those who do not wish to avail of the hostel facilities shall be allowed to choose their own residential facilities without the college collecting 'hostel fees'.

6. Department Specific Requirements

The equipment for each department may be as per existing norms to train students adequately.

Other facilities for training:

6.1. Department of Anatomy

Dissection Hall – There shall be a dissection hall to accommodate 50% of annual student intake (area of at least 4.20 Sq.m/student shall be provided which shall be sufficient for ante-room for students with lockers, wash basins, embalming room, space for storage tanks and cold storage room or cooling cabinets with sufficient space. Every academic year, at least one cadaver shall be provided for every 10 students. Dissection hall shall be well lit, well-ventilated with exhaust fans. There shall be adequate teaching aids in the hall. Annual declaration about the details of every cadaver shall be provided by the college.

6.2 Department of Forensic Medicine and Toxicology:

Autopsy Block- There shall be an Autopsy room (approx. 400 sq.mt. area) with facilities for cold storage, for cadavers, ante-rooms, washing facilities, with an accommodation capacity of 10-15 students, waiting hall and office. The location of mortuary and autopsy block should be either in the hospital or adjacent to the hospital in a separate structure and may be shared by the departments of Pathology and Forensic Medicine. Every college shall obtain appropriate permission from the state/ UT government for the conduct of autopsy/ post mortem or an appropriate MOU to facilitate the training of undergraduate students.

6.3. Microbiology department shall have separate service laboratory each for (a) Bacteriology including anaerobic bacteria; (b) Serology; (c) Virology; (d) Parasitology; (e) Mycology; (f) Tuberculosis; and (g) Immunology.

The Virology Service Laboratory shall be a BSL-2 level laboratory (as per e-gazette No. MCI -34(41)/2020-Med./103234 notified on 3.6.2020)

6.4. Department of Pharmacology

Animal holding area. For teaching Pharmacology in undergraduate curriculum, the required knowledge and skills should be imparted by using computer assisted module. However, if research and postgraduate training is envisaged, only an animal hold area, as per CPCSEA Guidelines is required.

6.5. Department Of Community Medicine: Staff requirements for RHTC & UHTC keeping in mind NHM population (RHTC – 30000 population & UHTC 50000 population). Medical Officer with MD qualification i.e. Assistant Professor may be made able to provide more quality education to UG CBME, CRMI and PGs in addition to quality care for the rural and urban populations. If a trained PHN is not available, trained staff nurse with community field experience for UHTC and RHTC shall be made available.

(a) Rural/ Urban Health Training Centre:

For every hospital seeking permission to start medical college, the medical college shall have Rural Health Training Centers/Community Health Centers/Urban Health Centers affiliated to it; as per the geographical location of the college, which shall be used for internship training. The number of these centers adopted by the college should fulfil the need of posting 15 interns per center as required in CRMI regulations 2021.

These centers shall be owned by the college or it should be affiliated to Government owned Health Center. If it is the latter, the academic control shall be with the Dean/Principal of the college for training of interns in community oriented primary health care and rural based health education for the rural community attached to it. This Health Center shall be within a distance of 30 kms except in X category (Tier-1) cities as amended where it shall be within 50 kms. Separate residential arrangements for boys and girls interns with mess facilities shall also be provided. Adequate transport (both for staff and students) shall be provided for carrying out field work and teaching and training activities by the department of Community Medicine.

Manpower	RHTC for population of 30,000 and UHTC for population of 50,000				
	50	100	150	200	250
Students					
Assistant Professor in-charge (in rotation) & MO (one male, one female) (at least one must be a Lady Medical Officer)	2	2	2	2	2
PHN/trained staff nurse with community field experience	1	2	2	2	2
ANM	2	2	4	5	5
Medical social worker	1	2	3	4	5
Technician/ Technical Assistant	1	1	1	1	1
Pharmacist	1	1	1	1	1
Sanitary inspector/Health inspector	1	1	2	2	2
Health educator	1	1	1	1	1
Store keeper/ record clerk	1	1	1	1	1

- There should be complete computerization of RHTC and UHTC patient record system.
- The distance of RHTC from medical college may need to have some flexibility in case of megacity or Metro cities where immediate rural field practice area may not be feasible.
- In case of megacity or Metro cities, there is need to have flexibility of adoption of families in various areas including urban slums.
- In case of megacity or Metro cities, there is need to have flexibility of distribution of interns in various OPDs of the teaching hospital like TB clinic, immunization clinic, anti-rabies clinic, which are also important learning outcomes for interns in addition to current CRMI postings.
- Since all infrastructural requirements can be easily fulfilled at the start of the college and one time,



there is need for a separate museum for Community Medicine. In addition, it will also bring ownership of the dept to develop in own museum and may not be possible in shared museum.

- Every medical college shall have one Rural Health Training Center and Urban Health Training Centre running as like teaching hospital before the first inspection/assessment or first LOP.

B. Teaching Hospital

B.1. General remarks

1. The hospital building shall conform to the existing national building norms and various local statutory regulations for hospitals taking into consideration the requirements of the hospital as a service provider including administration, registration, records storage, out-patient and inpatient areas, operating theaters, CSSD, ICUs, Radiology and laboratory services, emergency areas, etc. The teaching hospital shall provide for the minimum requirements as prescribed in these regulations.

2. Space for Clinical Teaching Departments, Teaching faculty and Residents.

- (iv) When the teaching hospital and medical college are in a unitary campus, rooms for the clinical departments and its teaching faculty can be provided either in the medical college or in the teaching hospital.
- (v) When the teaching hospital and medical college are on separate plots, besides the statutory requirements for the hospital, the teaching hospital shall also have adequate space for the offices of the clinical departments and rooms for the teaching faculty.
- (vi) **Teaching rooms.** The teaching hospital shall have atleast 1 (one) teaching area for each of the department to accommodate atleast 30 students for clinical cases discussions/ demonstrations. Each such room shall have audio-visual facilities. Small group teaching in clinical departments essentially entails out-patient clinic and bed side teaching. However, additional teaching rooms shall be provided as required for any of the Clinical teaching departments. Internet facilities and connectivity to all teaching areas of the hospital shall be desirable.

B.1.1. B.1.1 Outpatient Area

- 1. There shall be a minimum daily OPD attendance of 8 patients (old & new) per student intake annually in the specialties/subjects of undergraduate curriculum.
- 2. The Out-patient areas should have adequate reception and patient waiting halls, consultation rooms, examination rooms and other ancillary facilities commensurate with the clinical specialty department.

B.1.2. Indoor beds occupancy : Average occupancy of indoor beds shall be a minimum of 80 % per annum. Bed strength shall be as under:

BEDS FOR MBBS SEAT CAPACITY	50	100	150	200	250
GENERAL MEDICINE	50	100	150	220	225
PEDIATRICS	25	50	75	100	125
DERMATOLOGY	5	10	10	10	10
PSYCHIATRY	5	10	15	20	25
GENERAL SURGERY *	50	100	150	150	200
ORTHOPEDICS	20	40	60	80	100
OTORHINOLARYNGOLOGY(ENT)	10	20	20	30	30
OPHTHALMOLOGY	10	20	20	30	30
OBSTETRICS & GYNAECOLOGY	25	50	75	100	125
ICUs	20	20	30	30	30
TOTAL	220	420	605	770	900
OPD/DAY	400	800	1200	1600	2000
Major OT	4	7	9	10	11
Minor OT- well equipped (with Anaesthesia facility)	1 for each surgical specialty				

* For hospitals with 100 or more beds dedicated for Gen. Surgery, at least 10% shall be dedicated to Pediatric





DOCUMENTS



Government of Jammu and Kashmir
Health and Medical Education Department
Civil Secretariat, Srinagar/Jammu

Chief Executive Officer,
Shri Mata Vaishno Devi Shrine Board,
Katra, Jammu.

No: ME-GEN/55/2024-01 (CC: 7474289)

Dated: 28.05.2024

Subject: Issuance of Essentiality Certificate for obtaining Letter of Permission from National Medical Commission to start new Medical Colleges at Kakryal-regarding.

Sir,

I am directed to refer your letter No. CO/HRD/Misc/1816-1817 dated 07.05.2024 regarding captioned subject and to enclose herewith the Essentiality Certificate duly signed by the Administrative Secretary, Health & Medical Education Department for further necessary action at your end please.

Yours faithfully,

(Waqar Talib) JKAS
Under Secretary to the Government

FORM-2

Subject: ESSENTIALITY CERTIFICATE

No. ME-GEN/55/2024-01 (CC: 7474289)
Government of Jammu & Kashmir,
Health and Medical Education Department.

Sir,

The desired certificate is as follows: -

1. No. of institutions already existing in the State: 11 (Eleven).
 2. No. of seats available or No. of doctors being procured annually: 1300.
 3. No. of doctors registered with the State Medical Council: 21628.
 4. No. of doctors in Government service: 7567.
 5. No. of Government posts vacant and those in rural/difficult areas: 700.
 6. No. of doctors registered with Employment Exchange.
 7. Doctor population ratio in the State: 0.017:1000.
 8. How the establishment of the college would resolve the problem of deficiencies of qualified medical personnel in the State and improve the availability of such medical manpower in the State. The number of qualified personnel will help in improving the patient: doctor ration and also improve the overall qualified medical manpower in J&K.
 9. The restrictions imposed by the State Government, if any, on students who are not domiciled in the State from obtaining admission in the State, be specified. The J&K has admission for the domicile 85% and 15% all India quota applicants (on NEET merit).
 10. Full justification for opening of the proposed college. The Medical profession is highly sought after profession in the J&K and opening up of the Colleges will increase the number of seats available for the students who want to pursue medicine as a profession.
 11. Doctor-patient ratio proposed to be achieved, 1:1000.
- The Shri Mata Vaishno Devi Shrine Board has applied for establishment of a Medical College with 50 admissions per year, at Kakryal. On careful consideration of the proposal, the Government of Jammu & Kashmir has decided to issue an essentiality certificate to the applicant for the establishment of a Medical College with 50 (no.) seats.


Secretary to Government,
Health & Medical Education Department
Government of J&K

Page 1 of 2



Ajay Kumar Sharma, JKAS
Registrar

Shri Mata Vaishno Devi University

Kakryal, Katra-182320 (J&K) INDIA
(A State University recognized u/s 2(f) & 12(B) of UGC)

Mobile : 7889578401
Telefax: 01991-285687
E-mail: registrar@smvdu.ac.in
Website: www.smvdu.ac.in

Ref. No.: SMVDU/AA/24/216

Date: 21st May, 2024

Consent of Affiliation

On the basis of the report of the Local Inquiry Committee, Shri Mata Vaishno Devi University has agreed, in principle, to affiliate the Shri Mata Vaishno Devi Institute of Medical Excellence (SMVDIME)- Medical College (to start MBBS Course with an annual intake of 50 Seats) to be established at Kakryal by the Shri Mata Vaishno Devi Shrine Board (SMVDSB) subject to grant of permission by the National Medical Commission under/Section 26 of the National Medical Commission Act, 2019 (30 of 2019).

This Consent of Affiliation shall be valid for processing of application for two academic years (AY 2025-26 & AY 2027-28) from the date of issue.




Registrar
Shri Mata Vaishno Devi University
KATRA



Office of the Chief Executive Officer
Shri Mata Vaishno Devi Shrine Board, Katra

No.: CO/Accts./2099
Dt.: 05.08.2024

Corpus fund certificate

It is certified that Shri Mata Vaishno Devi Charitable Society is being funded by Shri Mata Vaishno Devi Shrine Board, Katra. SMVDSB have liquid assets to the tune of Rs.2,000/- crores (Rupees Two Thousand crores) approximately.

The Board of SMVDSB has resolved to set up a Medical College under Shri Mata Vaishno Devi Charitable Society at Kakryal, Katra. This certificate has been issued on the request of Executive Director (Medical College) for the exclusive use of National Medical Commission (NMC) and not for anyone else.


Mahesh Sharma, JKAS
FA & CAO



GUPTA GUPTA & ASSOCIATES LLP

CHARTERED ACCOUNTANTS
142/3, TRIKUTA NAGAR, JAMMU-180012

Phone Number: - 9797683131, 9419183131
Email: - ggajmu@yahoo.com

SOLVENCY CERTIFICATE

It is to certify that Shri Mata Vaishno Devi Charitable Society (Society) is totally funded by Shri Mata Vaishno Devi Shrine Board (SMVDSB), Katra. SMVDSB have liquid assets to the tune of Rs.2000/- (Rupees Two Thousand crores) approximately.

The Board of SMVDSB has resolved to set up a Medical College under Shri Mata Vaishno Devi Charitable Society at Kakryal, Katra and can be treated as good for such engagement upto a limit of Rs.350 crore earmarked for Medical College and upgradation of its existing Associated hospital (SMVDNSH). This certificate has been issued on the request of Society for the exclusive use of National Medical Commission (NMC) and not for anyone else.

For Gupta Gupta and Associates LLP
Chartered Accountants


31.7.2024
(CA R K GUPTA)
Partner



Gupta Gupta & Associates (a Partnership firm) converted into Gupta Gupta & Associates LLP with LLP Registration no. AAQ-7222 w.o.f. 04.10.2019



REVENUE LAND PAPERS OF MEDICAL COLLEGE AND ITS ASSOCIATED HOSPITAL



Office of the Chief Executive Officer
Shri Mata Vaishno Devi Shrine Board, Katra

CERTIFICATE OF OWNERSHIP/POSSESSION

This is to certify that the land tabulated below is owned and possessed by Shri Mata Vaishno Devi Shrine Board for Shri Mata Vaishno Devi Institute of Medical Excellence (Medical College & Associated Hospital):

S. No.	Facility	Quantum of Land	Khasra No.	Village/Town/ Tehsil
1.	Medical College & allied infrastructure	34 Acres	173	Sira, Tehsil Katra
2.	Medical College & allied infrastructure	2.248 Acres	1	Kakryal, Tehsil Katra
3.	Associated Hospital (Shri Mata Vaishno Devi Narayana Super Speciality Hospital)	42.937 Acres	72	Sira, Tehsil Katra

NO:- CO/Rev/87
Dt:- 14-8-2024

f. Khan
(An) **Tehsildar**
SMVDSB
SMVDSB, Katra

22/10/14

MEMO OF SETTLEMENT

This memo of settlement is made on this the 22nd day of October, 2014, at Katra by and between Shri Mata Vaishno Devi Shrine Board, "SMVDSB" in short through its Chief Executive Officer, Head Office, Katra, hereinafter to be called as "Party of 1st Part" AND Shri Mata Vaishno Devi University "SMVDU" in short through its Registrar, Head Office, Kakryal, Tehsil Katra and District Reasi, hereinafter to called as "Party of 2nd Part".

WHEREAS, party of 1st part came into existence through a legislative enactment namely "The Jammu and Kashmir Shri Mata Vaishno Devi Shrine Act, 1988, with the objective of better management, administration and governance of Shri Mata Vaishno Devi Shrine and its endowments including the lands and buildings attached, or appurtenant thereto.


WHEREAS, apart from the preamble of the Act, there are various duties, functions and obligations cast upon the party of the 1st part, as enshrined under Section 18 of the aforesaid Act, which among others include the following duties:

- To undertake the developmental activities concerning the area of the Shrine and its surroundings;
- To make suitable arrangements for the imparting of religious instructions and general education;
- To make provision of medical relief for worshippers and pilgrims;
- To do all such things as may be incidental and conducive to the efficient management, maintenance and administration of the Shrine and the Shrine Fund and the convenience of the pilgrims.


WHEREAS, with a view to accomplish the specific as well as broader objects enshrined under the Shri Mata Vaishno Devi Shrine Act, 1988 it was deemed just and proper to set up an institution of excellence for imparting higher education and in furtherance thereto, it was decided to set-up a University in the name of Shri Mata Vaishno Devi, which is known as "Shri Mata Vaishno Devi University": party of 2nd part.

WHEREAS, the University under the name and seal of Shri Mata Vaishno Devi University came into existence through an Act of the J&K State Legislature, called The Jammu and Kashmir Shri Mata Vaishno Devi University Act, 1999.

WHEREAS, to achieve and to accomplish the aforesaid object, efforts were made to identify suitable land through the Deputy Commissioner, Udhampur whereby request had been made vide communication No. CO/Rev/285 dated 04-02-2000, for acquiring land for University at Village, Kakryal, Tehsil Reasi, District Udhampur (now District Reasi).



Registrar
Shri Mata Vaishno Devi University
Katra



Chief Executive Officer
S.M.V.D. Shrine Board

Registrar
22/10/14

Chief Executive Officer
22/10/14
S.M.V.D. Shrine Board



WHEREAS, party of 1st part made provision for funds out of its own resources for meeting the cost of acquisition and accordingly when the award, in respect of land measuring 5838 Kanals was passed, the amount for acquisition of the land was determined to the tune of Rs. 13.37 crore, which amount was paid exclusively out of Shrine Board's funds (i.e. funds of party of the 1st Part).

WHEREAS, on account of bonafide error of judgement and also on account of sheer inadvertence the award regarding acquisition was passed in favour of the party of 2nd part, though the entire cost of acquisition was met with by the party of the 1st part.

WHEREAS, the party of the 2nd part at all stages, in the given context, has admitted and acknowledged the facts and admitted itself to be an extended part of the Shrine Board as far as this aspect is concerned.

WHEREAS, Shri Mata Vaishno Devi University Act, 1999 also recognizes the Shrine Board to be the Supreme Authority of the University.

WHEREAS, Shri Mata Vaishno Devi Shrine Board, with a view to establish a project for providing medical facilities of the highest standards, in line with the duties cast upon it by Shri Mata Vaishno Devi Shrine Act, 1988, initiated the process of establishing Shri Mata Vaishno Devi Institute of Medical Excellence, for which land measuring approximately 608 Kanals, 01 Marlas was then earmarked and accordingly a portion of aforesaid land was utilized by the party of 1st part.

WHEREAS, the party of the 1st part continues to be admitted and acknowledged as the owner of the aforesaid land. However, necessity had arisen to address certain technical issues in the matter and to set the record straight, and accordingly party of the 1st part, its functionaries and Shri Mata Vaishno Devi University and its functionaries, also admitting, recognizing and acknowledging the aforesaid fact, have already accorded their consent for placing all facts on record in the shape of a document.

WHEREAS, in furtherance of the factual matrix, as detailed hereinabove, both the parties have mutually agreed to formally reduce into writing, the aforesaid facts for setting the record straight.

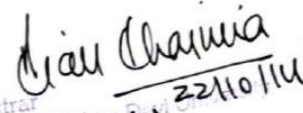
NOW THEREFORE THE PARTIES HEREBY ADMIT AND ACKNOWLEDGE THE FOLLOWING:

1. That the right and title, together with the proprietary and other legal rights, in respect of land as mentioned here-in-below always remained with the party of the 1st part to the exclusion of every body else.
2. The factum of land measuring 343 Kanals 10 Marlas under Khasra No. 72 in Village Sira Tehsil & District Reasi, already forming part of Shri Mata Vaishno Devi Institute of Medical Excellence also stands admitted with the acknowledgement of all rights including proprietary and other legal rights in favour of party of the 1st part exclusively.

3. That factum of Board's continuous right of governance through the J&K Shri Mata Vaishno Devi Shrine Act. 1988 is also admitted and confirmed by the University for all times to come, which is also admitted and confirmed.

IN THE WITNESS WHEREOF, the parties of this Memo of Settlement have put their signatures in presence of the witnesses on the date mentioned hereinabove.


(Dr. Mandeep K. Bhandari),
Chief Executive Officer,
Shri Mata Vaishno Devi Shrine Board,
Katra. 

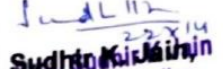

Registrar
(Ajay Khajuria)
Registrar,
Shri Mata Vaishno Devi University,
Kakryal-Katra.

WITNESSES (Party of the 1st Part)


Dr. M.K. Kumar, IFS
Additional Chief Executive Officer,
Shri Mata Vaishno Devi Shrine Board.


Negraj Gupta, KAS
Chief Accounts Officer,
Shri Mata Vaishno Devi Shrine Board.

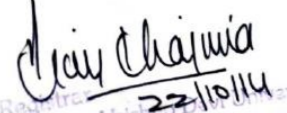
WITNESSES (Party of the 2nd Part)

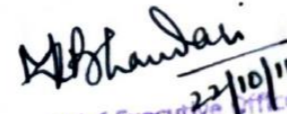

Prof. Sudhakar Kishore
Vice Chancellor,
Shri Mata Vaishno Devi University,
Kakryal, Katra-182320, India



Rohit Khajuria,
Finance Officer,
Shri Mata Vaishno Devi University,
Kakryal, Katra-182320.

DRAWN AND DRAFTED AT THE INSTRUCTIONS OF PARTIES


Rohit Khajuria
Ad


Registrar
Shri Mata Vaishno Devi University
KATRA.


Chief Executive Officer
S.M.V.D. Shrine Board
Katra-182301



INDIA NON JUDICIAL

Government of Jammu and Kashmir

सत्यमेव जयते

₹1,000

e-Stamp

Certificate No.	: IN-JK10296030189842W
Certificate Issued Date	: 08-Aug-2024 12:16 PM
Account Reference	: SELFPRINT (PU)/jk-self/ Katra/ JK-RS
Unique Doc. Reference	: SUBIN-JKJK-SELF09303842274114W
Purchased by	: RAJAT GOSWAMI
Description of Document	: Article 5 Agreement or Memorandum of an Agreement
Property Description	: MEMORANDUM OF UNDERSTANDING
Consideration Price (Rs.)	: 0 (Zero)
First Party	: SHRI MATA VAISHNO DEVI SHRINE BOARD KATRA KATRA
Second Party	: SHRI MATA VAISHNO DEVI UNIVERSITY
Stamp Duty Paid By	: SHRI MATA VAISHNO DEVI SHRINE BOARD KATRA KATRA
Stamp Duty Amount(Rs.)	: 1,000 (One Thousand only)

₹1,000

SELF PRINTED CERTIFICATE TO BE VERIFIED BY THE RECIPIENT AT WWW.SHCILESTAMP.COM

IN-JK10296030189842W

Please write or type below this line

MEMORANDUM OF UNDERSTANDING

This memorandum of understanding is made on this 9th day of August, 2024, at Katra by and between Shri Mata Vaishno Devi Shrine Board, "SMVDSB" in short through its Addl. Chief Executive Officer, Head Office, Katra, hereinafter to be called as "Party of 1st Part" AND Shri Mata Vaishno Devi University, "SMVDU" in short through its Registrar, Head Office, Kakryal, Tehsil Katra and District Reasi, hereinafter to be called as "Party of 2nd Part"

Statutory Alert

1. The authenticity of the Stamp certificate should be verified at www.shcilestamp.com or using e-Stamp Mobile App of Stock Holding
Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The cost of checking the regularity is on the user of the certificate.
3. In case of any discrepancy please inform the Competent Authority.


Alok Kumar Maurya, IFS
Addl. CEO

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Registrar
Shri Mata Vaishno Devi University
KATRA


Alok Kumar Maurya, IFS
Addl. CEO

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Registrar
Shri Mata Vaishno Devi University

Whereas, party of 1st part came into existence through a legislative enactment namely "The Jammu and Kashmir Shri Mata Vaishno Devi Shrine Act, 1988", with the objective of better management, administration and governance of Shri Mata Vaishno Devi Shrine and its endowments including the lands and buildings attached, or appurtenant thereto.

Whereas, apart from the preamble of the Act, there are various duties, functions and obligations cast upon the party of the 1st part, as enshrined under section 18 of the aforesaid act, which among others include the following duties:-

- To undertake the developmental activities concerning the area of the Shrine and its surroundings;
- To make suitable arrangements for the imparting of religious instructions and general education;
- To make provision of medical relief for worshippers and pilgrims;
- To do all such things as may be incidental and conducive to the efficient management, maintenance and administration of the Shrine and the Shrine Fund and the convenience of the pilgrims.

Whereas, with a view to accomplish the specific as well as broader objects enshrined under the Shri Mata Vaishno Devi Act, 1988, it was deemed just and proper to set up an institution of excellence for imparting higher education and in furtherance thereto, it was decided to set-up a University in the name of Shri Mata Vaishno Devi, which is known as "Shri Mata Vaishno Devi University" the party of 2nd part.

Whereas, the University under the name and seal of Shri Mata Vaishno Devi University came into existence through an Act of the J&K State Legislature, called the Jammu and Kashmir Shri Mata Vaishno Devi University Act, 1999.

Whereas, to achieve and to accomplish the aforesaid object, efforts were made by the party of 1st part to identify suitable land through the Deputy Commissioner, Udhampur whereby request had been made vide communication no. CO/Rev/285 dated 04/02/2000, for acquiring the land for University at village Kakryal, Tehsil Reasi, District Udhampur (now District Reasi)

Whereas, the party of 1st part had made provision for funds out of its own resources for meeting the cost of acquisition and accordingly when the award, in respect of land measuring 5838 local kanals (1864766 sq. mtrs.) was passed, the amount for acquisition of the land was determined to the tune of Rs.13.37 Crore, which amount was paid exclusively out of Shrine Board's funds (i.e. funds of the party of the 1st part) including the additional compensation of Rs.65.00 crores approx. being paid by the Board as per the negotiated rates.



Whereas, Shri Mata Vaishno Shrine Board has borne the entire cost of acquisition and as such, it has every right to utilize this land for the purpose of establishing Medical College and connected infrastructural development required as per norms set up by National Medical Commission.

Whereas, the party of the 2nd part at all stages, in the given context, has admitted itself to be an extended part of the party of 1st part (SMVDSB) as far as this aspect is concerned.

Whereas, Shri Mata Vaishno Devi University Act, 1999 also recognizes the Shrine Board to be the Supreme Authority of the University.

Whereas, the party of the 1st part in its 71st Board meeting had decided to establish a 50-seater Medical College at Kakryal with long term plan for upgradation to a 100 seater college, in pursuance to which land for setting up/establishing a Medical College, its administrative and academic block, construction of hostel facility for the students of medical college & residential accommodation for senior faculty had to be identified, out of the land measuring 5838 local kanals (1865766 sq. mtrs.) which was acquired for setting up the party of the 2nd part.

Whereas, with the help of empanelled architects, 2 parcels of land, one measuring 34 acres (137593 sq. mtrs.) falling under Khasra no. 173 at village Sira for construction of proposed administrative, academic block and Boys hostel of medical college and second parcel measuring 2.248 acres (9100 sq. mtrs.) falling under khasra no. 1 situated at Village kakryal near staff quarters for construction of residential accommodation have been identified jointly by both the parties. Therefore, total land identified/earmarked comes out to be 36.248 acres (146693 sq. mtrs.) out of the land measuring 5838 local kanals (1865766 sq. mtrs.) for setting up/establishing a Medical college, its administrative and academic block, construction of hostel facility for the students of Medical College and residential accommodation for senior faculty.

Whereas, the party of the 1st part continues to be admitted and acknowledged as the owner of the aforesaid land i.e. land measuring 146693 sq. mtrs i.e. 36.248 acres. However, necessity has arisen to address certain technical issues in this matter and to set the record straight, and accordingly the party of the 1st part, its functionaries and the party of the 2nd part i.e. Shri Mata Vaishno Devi University and its functionaries, while admitting, recognizing and acknowledging the aforesaid fact, have already accorded their consent for placing all facts on record in the shape of document.

Whereas, in furtherance of the factual matrix, as detailed hereinabove, both the parties have mutually agreed to formally reduce into writing, the aforesaid facts for setting the record straight.

Alok Kumar Maurya, IFS
Addl. CEO

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Registrar
Shri Mata Vaishno Devi University
KATRA

NOW THEREFORE THE PARTIES HEREBY ADMIT AND ACKNOWLEDGE THE FOLLOWING:-

1. That the right and title, together with the proprietary and other legal rights, in respect of land as mentioned here-in-below always remained with the party of the 1st part to the exclusion of everybody else including the party of the 2nd part.
2. The factum of land (i) measuring 34 acres (137593 sq. mtrs.) falling under Khasra No. 173 at Village Sira (ii) Land measuring 2.248 acres (9100 sq. mtrs.) falling under Khasra no. 1 situated at village Kakryal also stands admitted with the acknowledgement of all rights including proprietary and other legal rights in favour of the party of the 1st part exclusively.
3. That the access through the gates as well as use of the roads shall be commonly shared/used by both the parties to this MOU i.e. by allowing each party to enter, use and utilize the aforementioned gates /road as per the requisite/corresponding requirement from time to time.
4. That factum of Board's continuous right of governance through the J&K Shri Mata Vaishno Devi Shrine Act, 1988 is also admitted and confirmed by the University for all times to come, which is also admitted and confirmed.

IN THE WITNESS WHEREOF, the parties of this Memorandum of Understanding have put their signatures in presence of the witnesses on the date mentioned hereinabove.

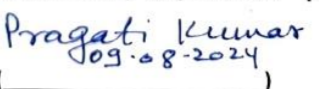

Addl. Chief Executive Officer
Shri Mata Vaishno Devi Shrine Board
Alok Kumar Maurya, IFS
Addl. CEO

Witnesses (Party of the 1st part)


Deputy Chief Executive officer
Shri Mata Vaishno Devi Shrine Board,
Katra


Registrar
Shri Mata Vaishno Devi University
Kakryal-Katra

Witnesses (Party of the 2nd part)


Vice Chancellor
Shri Mata Vaishno Devi University,
Kakryal-Katra

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PROPOSED LAND FOR MEDICAL COLLEGE







CAPABILITY TO ARRANGE BASIC INFRASTRUCTURE, ADMINISTRATIVE AND FINANCIAL SUPPORT TO THE APPLICANT



**Office of the Chief Executive Officer
Shri Mata Vaishno Devi Shrine Board, Katra**


CERTIFICATE

TO WHOM IT MAY CONCERN

Shri Mata Vaishno Devi Shrine Board (SMVDSB), an autonomous body constituted under the Shri Mata Vaishno Devi Shrine Act, 1988, with its registered office at Katra, District Reasi (J&K), plans to establish a medical college with 50 admissions per year for the first two years and 100 admissions per year from the third year onward.

In this regard, SMVDSB has approved the establishment of infrastructure for the medical college, including residential accommodations, the upgradation of the existing 417-bed super-specialty hospital by adding appropriate number of beds, and the procurement of machinery and equipment required for the establishment of the medical college and its associated hospital.

The medical college shall be operationalized by the "Shri Mata Vaishno Devi Charitable Society", registered under the Society Registration Act, 1860, with its registered office at Kalika Dham, Jammu. Shri Mata Vaishno Devi Shrine Board is committed to providing the basic infrastructure, administrative, and financial (capital and operational costs) support to the Medical College—Shri Mata Vaishno Devi Institute of Medical Excellence (SMVDIME) and its associated hospital, Shri Mata Vaishno Devi Narayana Superspeciality Hospital (SMVDNSH).


**(Anshul Garg) IAS
Chief Executive Officer**

Chief Executive Officer
S.M.V.D Shrine Board
katra





Office of the Chief Executive Officer
Shri Mata Vaishno Devi Shrine Board, Katra

CERTIFICATE

TO WHOM IT MAY CONCERN

Shri Mata Vaishno Devi Shrine Board owns a multi-specialty hospital named Shri Mata Vaishno Devi Narayana Superspeciality Hospital. This hospital has been operational since 2016 and has 417 beds to accommodate various patients admitted to the specialty and super-specialty departments. In addition to all the basic facilities, including medical, surgical, and allied specialties required for the establishment of a medical college, this hospital has more than ten super-specialties with renowned doctors providing patient care.

The hospital is owned by Shri Mata Vaishno Devi Shrine Board, Katra, which is in the process of establishing a medical college through its registered society, "Shri Mata Vaishno Devi Charitable Society" with its registered office at Kalika Dham, Jammu (J&K).

Shri Mata Vaishno Devi Shrine Board has also approved a plan to upgrade the existing hospital by adding appropriate number of beds to accommodate all the specialties and super-specialties as per the patient load and the requirements of the National Medical Commission.


(Anshul Garg) IAS
Chief Executive Officer
Chief Executive Officer
S.M.V.D Shrine Board
katra

GOOGLE MAP OF THE PROPOSED LAND FOR MEDICAL COLLEGE AND ITS ASSOCIATED HOSPITAL I/C RESIDENTIAL BLOCKS



PROPOSED CONSTRUCTION OF MEDICAL COLLEGE & EXPANSION OF HOSPITAL BLOCK, AT SMVD MEDICAL COLLEGE COMPLEX KAKRAYAL, KATRA (J&K)								
(Estimated Cost Based on CPWD PAR 2023 Duly Updated)								
S. No.	DESCRIPTION	No. of Blocks	BUILTUP AREA (Sqm)	GF AREA (Sqm)	AMOUNT (CPWD PAR)	AMOUNT (MR BASIS)	TOTAL AMOUNT	FLOORS
A EXPANSION OF EXISTING HOSPITAL AND ALLIED ACCOMMODATION PHASE 2								
1	EXPANSION OF HOSPITAL BLOCK	1	18900	4920	119 66 02 584.50	3 48 25 000.00	123 14 27 585.00	G+3
2	NURSING HOSTEL BLOCK (48 UNITS TWIN SHARING EACH TOWER 96 BEDS TOTAL 192 BEDS)	2	3700	620	13 39 36 341.32	7 50 000.00	13 46 86 341.00	G+5
3	HOUSING (2BHK 30 UNITS EACH BLOCK)	2	6600	1100	22 65 73 527.50	2 00 000.00	22 67 73 528.00	G+5
4	SERVICES BLOCK (HOSPITAL)	1	500	500	2 11 38 247.92		2 11 38 247.92	G
5	MBBS STUDENT BOYS HOSTEL (248 CAPACITY) 122 SINGLE + 63x2=126 DOUBLE	1	5015	995	16 79 54 510.16	3 00 000.00	16 82 54 510.00	G+5
6	MBBS STUDENT GIRLS HOSTEL (248 CAPACITY) 122 SINGLE + 63x2=126 DOUBLE	1	5015	995	16 79 54 510.16	3 00 000.00	16 82 54 510.00	G+5
7	EXTERNAL DEVELOPMENT				4 23 40 920.00		4 23 40 920.00	
8	FURNITURE AND FIXTURES					6 00 00 000.00	6 00 00 000.00	
9	ESTIMATED COST OF MEDICAL EQUIPMENT @ 30% OF HOSPITAL CONSTRUCTION COST (APPROX.)					40 00 00 000.00	40 00 00 000.00	
TOTAL (A)							245 28 75 641.92	
B MEDICAL COLLEGE AND ALLIED ACCOMMODATION PHASE 3								
1	MEDICAL COLLEGE	1	18000	4000	84 13 13 556.67	6 00 000.00	84 19 13 557.00	G+4
2	HOUSING (2BHK -25 UNITS)	1	2750	550	9 53 53 635.63	1 00 000.00	9 54 53 636.00	G+4
3	SERVICES BLOCK (MEDICAL COLLEGE)	1	500.00	500.00	2 11 38 247.92		2 11 38 247.92	G
4	EXTERNAL DEVELOPMENT				4 68 40 272.00		4 68 40 272.00	-
5	FURNITURE & FIXTURES					4 50 00 000.00	4 50 00 000.00	
TOTAL (B)							105 03 45 712.92	
GRAND TOTAL A+B							350 32 21 354.83	
SAY RS (IN CR.)							350.32	

Note : Future escalation during the tenure of the project shall be paid as per actual - Clause 10 CA/10 CC of CPWD

EXPANSION OF HOSPITAL BLOCK (G +3 FLOORS)						
TOTAL AREA (SQM.)		18900.00				
GF AREA		4920.00				
HVAC AREA		9450.00				
1ST BASERMENT FLOOR AREA						
HEIGHT (M) FLOOR TO FLOOR		4.50				
S.NO	DESCRIPTION OF ITEMS	AREA	UNIT	RATE	AMOUNT	REFERENCE NO.
A Main Building Portion						
1.0 R.C.C. FRAMED STRUCTURE (Normal Building)						
1.1	RCC framed structure upto 6 storeys (Floor height 3.6 m)	18900.00	Sqm	32370.00	611793000.00	1.1.1
2.0 EXTRA FOR :						
2.1	Additional floor height of 0.90 m above normal floor height of 3.60 m	18900.00	Sqm	1263.00	23870700.00	1.3.2(421*.9/.3)
2.2	Addl for plinth hight of 0.4 m above 0.6 m	4920.00	Sqm	561.33	2761760.00	1.3.3 (421*.4/.3)
2.3	0.80m depth foundations over normal depth of 1.20m (On GF area only)	4920.00	Sqm	613.33	3017600.00	1.3.4 (230*.8/.3)
2.4	Additional for raft foundation	4920.00	Sqm	12170.00	59876400.00	1.3.6
Total (A)					701319460.00	
B SERVICES						
3.1	Automatic Fire Alarm System	18900.00	Sqm	600.00	11340000.00	1.6.2
3.2	Wet Riser with sprinkler System	18900.00	Sqm	1200.00	22680000.00	1.5.3
3.3	Internal PH @10% of building cost 'A'	10% of A			70131946.00	2.1
3.4	Internal Electrical installation	12.5% of A			87664932.50	2.3
3.5	IE & PH Service connection Charges	5% of A			35065973.00	2.2.1&2.2.2
4.0 EXTRA FOR :						
4.1	Power wiring and plugs	4% of A			28052778.40	(2.4.1)
4.2	Lighting conductors	0.25% of A			1753298.65	(2.4.2)
4.3	Telephone conduits	0.25% of A			1753298.65	(2.4.3)
4.4	Quality Assurance	0.5% of A			3506597.30	(2.4.4)
4.5	Overhead Water Tank without independent staging	100000	Ltr	23.00	2300000.00	4.1
5.0 Lifts						
5.1	Passengers Lift upto 6 floors (16 pax)	2	Nos.	2585000	5170000.00	3.1.6
5.2	Bed Lifts upto6 floors	10	Nos.	2909000	29090000.00	3.2.2
6.0 E & M Services						
6.1	HVAC	750.00	TR	90380	67785000.00	(6.5.1)
6.2	Stand by Chiller	250.00	TR	40860	10215000.00	(6.5.2)
6.3	UPS	350.00	KVA	21290	7451500.00	(6.4.1)
6.4	Access control system	3780.00	Sqm	220	831600.00	(6.11.1)
6.5	CCTV	7560.00	Sqm	210.00	1587600.00	6.10.1
6.6	LAN	11340.00	Sqm	560	6350400.00	6.16.1
6.7	IP based EPABX/ Intercom	11340.00	Sqm	580	6577200.00	6.17.1
6.8	MGPS	286.00	Nos.	60000	17160000.00	6.24.1 (as per PAR 2021)
6.9	MOT	7.00	Nos.	10500000	73500000.00	6.25.2
6.10	Solar Photo Voltac Power Generation System	50.00	Kwp	58480.00	2924000.00	6.8.1
6.11	Solar Water Heating System100L cap	100.00	Nos.	23920.00	2392000.00	6.9.1
Total (B)					495283124.50	
C NON SCHEDULE WORKS						
7.1	RO with water coolers	7.00	Nos.	75000	525000.00	Market Rate
7.2	Nurse call System	286.00	Nos.	50000	14300000.00	Market Rate
7.3	CSSD		LS		20000000.00	Market Rate
Total (C)					34825000.00	
TOTAL (Schedule Items) -A+B					1196602584.50	
TOTAL (Non Schedule Items) - C					34825000.00	
GRAND TOTAL (Schedule and Non Schedule Items)					1231427585.00	

Note : Market Rate items may be varied during detail working

NURSING HOSTEL BLOCK (G+5 FLOORS)						
TOTAL AREA (SQM.)		1850.00				
GF AREA		310.00				
MUMTY MACHINE ROOM AREA		50.00				
HEIGHT (M) FLOOR TO FLOOR		3.30				
S.NO	DESCRIPTION OF ITEMS	AREA	UNIT	RATE	AMOUNT	REFERENCE NO.
A Main Building Portion						
1.0	R.C.C. FRAMED STRUCTURE (Normal Building)					
1.1	RCC framed structure upto 6storeys (Floor height 3.0 m)	1900.00	Sqm	23530.00	44707000.00	1.1.2
2.0	EXTRA FOR :					
2.1	Additional rate for 0.3M higher floor above 3.0 M	1850.00	Sqm	421.00	778850.00	1.3.2(421*.3/.3)
2.2	Additional rate for 0.4m higher plinth above 0.6m	310.00	Sqm	561.33	174013.33	1.3.3(421*.4/.3)
2.3	0.80m depth foundations over normal depth of 1.20m (On GF area only)	310.00	Sqm	613.33	190133.33	1.3.4(230*.8/.3)
Total (A)					45849996.67	
B SERVICES						
3.1	Fire Alarm System	1850.00	Sqm	280.00	518000.00	1.6.1
3.2	Wet Riser System	1850.00	Sqm	890.00	1646500.00	1.5.2
3.3	Internal PH @8% of building cost 'A'	8% of A			3667999.73	2.1
3.4	Internal Electrical Instalations	12.5% of A			5731249.58	2.30
3.5	PH& IE Service connection charges	5% of A			2292499.83	2.2.1&2.2.2
4.0	EXTRA FOR :					
4.1	Power wiring and plugs	4% of A			1833999.87	2.4.1
4.2	Lighting conductors	0.25% of A			114624.99	(2.4.2)
4.3	Quality Assurance	0.5% of A			229249.98	(2.4.4)
4.4	Overhead Water Tank without independent staging	15000	Ltr	23.00	345000.00	4.10
5.0 Lifts						
5.1	Passengers Lift upto 5 floors (13 pax)	2	Nos.	1939000	3878000.00	3.1.3
6.0 E & M Services						
6.1	UPS	10.00	KVA	21290	212900.00	6.4.1
6.2	CCTV	555.00	Sqm	210.00	116550.00	6.10.1
6.3	Solar Photo Voltac Power Generation System	5.00	Kwp	58480.00	292400.00	6.8.1
6.4	Solar Water Heating System100L cap	10.00		23920.00	239200.00	6.9.1
Total (B)					21118173.99	
C NON SCHEDULE WORKS						
7.1	RO with water coolers	5.00	Nos.	75000	375000.00	Market Rate
Total (C)					375000.00	
TOTAL (Schedule Items) -A+B					66968170.66	
TOTAL (Non Schedule Items) - C					375000.00	
GRAND TOTAL (Schedule and Non Schedule Items)					67343171.00	
Note : Market Rate items may be varied during detail working						

HOUSING BLOCK 2BHK (G+5 FLOORS)						
TOTAL AREA (SQM.)		3300.00				
STILT FLOOR AREA		550.00				
HVAC AREA						
BASERMENT FLOOR AREA						
MUMTY MACHINE ROOM AREA						
HEIGHT (M) FLOOR TO FLOOR		3.30				
S.NO	DESCRIPTION OF ITEMS	AREA	UNIT	RATE	AMOUNT	REFERENCE NO.
A Main Building Portion						
1.0	R.C.C. FRAMED STRUCTURE (Normal Building)					
1.1	RCC framed structure upto 6 storeys (Floor height 3.0m)	3300.00	Sqm	23530.00	77649000.00	1.1.2
2.0	EXTRA FOR :					
2.1	Additional rate for above 6 storeys upto 8 storeys	475.00	Sqm	240.00	114000.00	1.3.1 (120x2)
2.2	Addl for exrtra floor ht 0.3 M above 3.0M	3300.00	Sqm	421.00	1389300.00	1.3.2
2.3	0.80m depth foundations over normal depth of 1.20m (On GF area only)	550.00	Sqm	613.33	337333.33	1.3.4
Total (A)					79489633.33	
B SERVICES						
3.1	Fire Alarm System	3300.00	Sqm	280.00	924000.00	1.6.1
3.2	Wet Riser System	3300.00	Sqm	890.00	2937000.00	1.5.2
3.3	Internal PH @9% of building cost 'A'	9% of A			7154067.00	2.1
3.4	Internal Electrical Instalation	12.5% of A			9936204.17	2.3
3.5	PH & IEService connection @ 5% '	5% of A			3974481.67	2.2.1&2.2.2
4.0	EXTRA FOR :					
4.1	Power wiring and plugs	4% of A			3179585.33	(2.4.1)
4.2	Lighting conductors	0.25% of A			198724.08	(2.4.2)
4.3	Quality Assurance	0.5% of A			397448.17	(2.4.4)
4.4	Overhead Water Tank without independent staging	35000	Ltr	23.00	805000.00	4.1
5.0 Lifts						
5.1	Passengers Lift upto 5 floors (8 pax)	2	Nos.	1939000	3878000.00	3.1.2
5.2	Additional floors above 5 floors upto 8 floors	2	Nos.	99860	199720.00	3.1.2
6.0 E & M Services						
6.1	UPS	10.00	KVA	21290	212900.00	(6.4.1)
Total (B)					33797130.42	
C NON SCHEDULE WORKS						
7.1	Signages	LS			100000.00	Market Rate
Total (C)					100000.00	
TOTAL (Schedule Items) -A+B					113286763.75	
TOTAL (Non Schedule Items) - C					100000.00	
GRAND TOTAL (Schedule and Non Schedule Items)					113386764.00	
Note : Market Rate items may be varied during detail working						

SERVICES BLOCK (G FLOORS)						
TOTAL AREA (SQM.)		500.00				
GF AREA		500.00				
HEIGHT (M) FLOOR TO FLOOR		5.10				
S.NO	DESCRIPTION OF ITEMS	AREA	UNIT	RATE	AMOUNT	REFERENCE NO.
A Main Building Portion						
1.0	R.C.C. FRAMED STRUCTURE (Normal Building)					
1.1	RCC framed structure upto 3 storeys (Floor height 3.6 m)	500.00	Sqm	30820.00	15410000.00	1.1.1
2.0 EXTRA FOR :						
2.1	Additional floor height of 1.5 m above normal floor height of 3.60 m	500.00	Sqm	2105.00	1052500.00	1.3.2(421*1.5/.3)
2.2	Additional rate for 0.4m higher plinth above 0.6m	500.00	Sqm	561.33	280666.67	1.3.3(421*.4/.3)
Total (A)					16743166.67	
B SERVICES						
3.1	Internal PH @4% of building cost 'A'	4% of A		669726.67	2.1	
3.2	Internal Electrical Instalation	12.5% of A		2092895.83	2.30	
3.3	PH &IE ServiceConnection @ 5% of 'A'	5% of A		837158.33	2.2.1&2.2.2	
4.0 EXTRA FOR :						
4.1	Power wiring and plugs	4% of A		669726.67	(2.4.1)	
4.2	Lighting conductors	0.25% of A		41857.92	(2.4.2)	
4.3	Quality Assurance	0.5% of A		83715.83	(2.4.4)	
Total (B)					4395081.25	
TOTAL (Schedule Items) -A+B					21138247.92	
Note : Market Rate items may be varied during detail working						

MBBS STUDENT BOYS' HOSTEL (CAPACITY250) G+5						
TOTAL AREA (SQM.)		5015.00				
GF AREA		995.00				
MUMTY MACHINE ROOM AREA						
HEIGHT (M) FLOOR TO FLOOR		3.30				
S.NO	DESCRIPTION OF ITEMS	AREA	UNIT	RATE	AMOUNT	REFERENCE NO.
A Main Building Portion						
1.0	R.C.C. FRAMED STRUCTURE (Normal Building)					
1.1	RCC framed structure upto 6storeys (Floor height 3.0 m)	5015.00	Sqm	23530.00	118002950.00	1.1.2
2.0 EXTRA FOR :						
2.1	Additional rate for 0.3M higher floor above 3.0 M	5015.00	Sqm	421.00	2111315.00	1.3.2(421*.3/.3)
Total (A)					120114265.00	
B SERVICES						
3.1	FIRE ALARM	5015.00	Sqm	280.00	1404200.00	1.6.1
3.2	Wet Riser System	5015.00	Sqm	890.00	4463350.00	1.5.2
3.3	Internal PH @8% of building cost 'A'	8% of A		9609141.20	2.1	
3.4	Internal Electrical Instalations	12.5% of A		15014283.13	2.30	
3.5	PH& IE Service connection charges	5% of A		6005713.25	2.2.1&2.2.2	
4.0 EXTRA FOR :						
4.1	Power wiring and plugs	4% of A		4804570.60	(2.4.1)	
4.2	Lighting conductors	0.25% of A		300285.66	(2.4.2)	
4.3	Quality Assurance	0.5% of A		600571.33	(2.4.4)	
4.4	Overhead Water Tank without independent staging	35000	Ltr	23.00	805000.00	-4.10
5.0 Lifts						
5.1	Passengers Lift upto 5 floors (13 pax)	2	Nos.	1939000	3878000.00	3.1.3
6.0 E & M Services						
6.1	UPS	10.00	KVA	21290	212900.00	(6.4.1)
6.2	CCTV	1003.00	Sqm	210.00	210630.00	6.10.1
6.3	Solar Photo Voltac Power Generation System	5.00	Kwp	58480.00	292400.00	6.8.1
6.4	Solar Water Heating System100L cap	10.00		23920.00	239200.00	6.9.1
Total (B)					47840245.16	
C NON SCHEDULE WORKS						
7.1	RO with water coolers	4.00	Nos.	75000	300000.00	Market Rate
Total (C)					300000.00	
TOTAL (Schedule Items) -A+B					167954510.16	
TOTAL (Non Schedule Items) - C					300000.00	
GRAND TOTAL (Schedule and Non Schedule Items)					168254510.00	
Note : Market Rate items may be varied during detail working						

MBBS STUDENT GIRLS' HOSTEL (CAPACITY 250) G+5						
TOTAL AREA (SQM.)		5015.00				
GF AREA		995.00				
HVAC AREA						
BASERMENT FLOOR AREA						
MUMTY MACHINE ROOM AREA						
HEIGHT (M) FLOOR TO FLOOR		3.30				
S.NO	DESCRIPTION OF ITEMS	AREA	UNIT	RATE	AMOUNT	REFERENCE NO.
A Main Building Portion						
1.0	R.C.C. FRAMED STRUCTURE (Normal Building)					
1.1	RCC framed structure upto 6storeys (Floor height 3.0 m)	5015.00	Sqm	23530.00	118002950.00	1.1.2
2.0	EXTRA FOR :					
2.1	Additional rate for 0.3M higher floor above 3.0 M	5015.00	Sqm	421.00	2111315.00	1.3.2(421*.3/.3)
Total (A)					120114265.00	
B SERVICES						
3.1	FIRE ALARM	5015.00	Sqm	280.00	1404200.00	1.6.1
3.2	Wet Riser System	5015.00	Sqm	890.00	4463350.00	1.5.2
3.3	Internal PH @8% of building cost 'A'		8% of A		9609141.20	2.1
3.4	Internal Electrical Instalations		12.5% of A		15014283.13	2.30
3.5	PH& IE Service connection charges		5% of A		6005713.25	2.2.1&2.2.2
4.0 EXTRA FOR :						
4.1	Power wiring and plugs		4% of A		4804570.60	(2.4.1)
4.2	Lighting conductors		0.25% of A		300285.66	(2.4.2)
4.3	Quality Assurance		0.5% of A		600571.33	(2.4.4)
4.4	Overhead Water Tank without independent staging	35000	Ltr	23.00	805000.00	-4.10
5.0 Lifts						
5.1	Passengers Lift upto 5 floors (13 pax)	2	Nos.	1939000	3878000.00	3.1.3
6.0 E & M Services						
6.1	UPS	10.00	KVA	21290	212900.00	(6.4.1)
6.2	CCTV	1003.00	Sqm	210.00	210630.00	6.10.1
6.3	Solar Photo Voltac Power Generation System	5.00	Kwp	58480.00	292400.00	6.8.1
6.4	Solar Water Heating System 100L cap	10.00		23920.00	239200.00	6.9.1
Total (B)					47840245.16	
C NON SCHEDULE WORKS						
7.1	RO with water coolers	4.00	Nos.	75000	300000.00	Market Rate
Total (C)					300000.00	
TOTAL (Schedule Items) -A+B					167954510.16	
TOTAL (Non Schedule Items) - C					300000.00	
GRAND TOTAL (Schedule and Non Schedule Items)					168254510.00	
Note : Market Rate items may be varied during detail working						

EXTERNAL DEVELOPMENT (HOSPITAL COMPLEX)						
TOTAL AREA (SQM.)		5 acres or 20240 sqm				
Area		15180.00	sqmt			
S.NO	DESCRIPTION OF ITEMS	AREA	UNIT	RATE	AMOUNT	REF
A DEVELOPMENT OF SITE						
1.2	Horticulture Operation including 300mm filling, grassing, tree plantation/ shrubs and potted plants etc.	15180.00	Sqm	312.00	4736160.00	5.9.1
1.3	Cement concrete pavement with vaccum dewatered concrete	1000.00	sqm	2320.00	2320000.00	5.2.3
1.4	Footpath with PCC base &Paver blocks	2000.00	sqm	2960.00	5920000.00	5.2.4
1.5	Sewer	300.00	RMT	3810.00	1143000.00	5.3
B Filter water supply						
2.1	Distribution lines 100mm dia and below	300.00	RMT	1930.00	579000.00	5.4.1
2.2	Peripheral grid 150m to 300 mm dia pipes	300.00	RMT	4100.00	1230000.00	5.4.2
2.3	Unfiltered water supply distribution lines	300.00	RMT	1510.00	453000.00	5.4.3
2.4	Storm water drains	200.00	RMT	10150.00	2030000.00	5.5
2.7	Street Lighting with LED Lights	15180.00	sqm	160.00	2428800.00	6.19.1
2.9	Exit Sign board i/c electric signage	15180.00	sqm	22.00	333960.00	6.28.1
2.10	ETP/STP upto 50 KLD	1.00	Nos	75000.00	75000.00	6.2.1
	Add for 50 to 100 KLD	50.00	KLD	60000.00	3000000.00	6.2.2
	add above 100 KLD	250.00	KLD	50000.00	12500000.00	6.2.3
C SPECIALISED E&M SERVICES						
3.3	Extra for synchronizing panels	4000	KVA	1070.00	42 80 000.00	6.3.2
3.4	Hydroneumatic water supply system	800	LPM	1640.00	1312000.00	6. 13.1
Total (A)					42340920.00	
Total (B)						
TOTAL (Schedule Items) -A					42340920.00	
TOTAL (Non Schedule Items)-B						
GRAND TOTAL (Schedule and Non Schedule Items) - A+B					42340920.00	

MEDICALCOLLEGE BLOCK (G+4 FLOORS)						
TOTAL AREA (SQM.)		18000.00				
GF FLOOR		4000.00				
HVAC AREA		1800.00				
HEIGHT (M) FLOOR TO FLOOR		4.50				
S.NO	DESCRIPTION OF ITEMS	AREA	UNIT	RATE	AMOUNT	REFERENCE NO.
A Main Building Portion						
1.0 R.C.C. FRAMED STRUCTURE (Normal Building)						
1.1	RCC framed structure upto 6 storeys (Floor height 3.0 m)	18000.00	Sqm	30820.00	554760000.00	1.1.2
2.0 EXTRA FOR :						
2.1	Addl rate for 0.9 m higher floor above 3.6 m	18000.00	Sqm	1263.00	22734000.00	1.3.2 (421*.15/3)
2.2	Additional rate for 0.4m higher plinth above 0.6m	4000.00	Sqm	561.33	2245333.33	1.3.3(421*.4/3)
Total (A)					579739333.33	
B SERVICES						
3.1	Automatic Fire Alarm System	18000.00	Sqm	600.00	10800000.00	1.6.2
3.2	Wet Riser with sprinkler System	18000.00	Sqm	1200.00	21600000.00	1.5.3
3.3	Internal PH @4% of building cost 'A'	4% of A			23189573.33	2.1
3.4	Internal Electrical instalations @12.5%	12.5% of A			72467416.67	2.30
3.5	PH & IE Service connection Charges	5% of A			28986966.67	2.2.1 & 2.2.2
4.0 EXTRA FOR :						
4.1	Power wiring and plugs	4% of A			23189573.33	2.4.1
4.2	Lighting conductors	0.25% of A			1449348.333	2.4.2
4.3	Telephone conduits	0.25% of A			1449348.333	2.4.3
4.4	Quality Assurance	0.5% of A			2898696.667	2.4.4
4.5	Overhead Water Tank without independent staging	100000	Ltr	23.00	2300000.00	4.10
5.0 Lifts						
5.1	Passengers Lift upto6 floors (16 pax)	8	Nos.	2801000	22408000.00	3.1.6
6.0 E & M Services						
6.1	HVAC	90	TR	90380	8134200	6.5.1
6.2	Stand by chiller	90	TR	40860	3677400	6.5.2
6.3	UPS	150.00	KVA	21290	3193500.00	6.4.1
6.4	Access control system	3600.00	Sqm	220	792000.00	6.11.1
6.5	CCTV	18000.00	Sqm	210.00	3780000.00	6.10.1
6.6	LAN	9000.00	Sqm	560	5040000.00	6.16.1
6.7	IP based EPABX/ Intercom	9000.00	Sqm	580	5220000.00	6.17.1
6.8	Solar Photo Voltac Power Generation System	50.00	Kwp	58480.00	2924000.00	6.8.1
6.9	Solar Water Heating System 100 L cap	10.00	Nos.	23920.00	239200.00	6.9.1
6.10	Conference / MP/Lecture Halls AV System	1500.00	Sqm	11890	17835000.00	6.18
Total (B)					261574223.33	
C NON SCHEDULE WORKS						
7.1	RO with water coolers	8.00	Nos.	75000	600000.00	Market Rate
Total (C)					600000.00	
TOTAL (Schedule Items) -A+B					841313556.67	
TOTAL (Non Schedule Items) - C					600000.00	
GRAND TOTAL (Schedule and Non Schedule Items)					841913557.00	
Note : Market Rate items may be varied during detail working						

HOUSING BLOCK 2BHK (G+4 FLOORS)						
TOTAL AREA (SQM.)		2750.00				
STILT FLOOR AREA		550.00				
HVAC AREA						
BASERMENT FLOOR AREA						
MUMTY MACHINE ROOM AREA						
HEIGHT (M) FLOOR TO FLOOR		3.30				
S.NO	DESCRIPTION OF ITEMS	AREA	UNIT	RATE	AMOUNT	REFERENCE NO.
A Main Building Portion						
1.0 R.C.C. FRAMED STRUCTURE (Normal Building)						
1.1	RCC framed structure upto 6 storeys (Floor height 3.0m)	2750.00	Sqm	23530.00	64707500.00	1.1.2
2.0 EXTRA FOR :						
2.1	Additional rate for above 6 storeys upto 8 storeys	475.00	Sqm	240.00	114000.00	1.3.1 (120x2)
2.2	Addl for extrra floor ht 0.3 M above 3.0M	2750.00	Sqm	421.00	1157750.00	1.3.2
2.3	0.80m depth foundations over normal depth of 1.20m (On GF area only)	550.00	Sqm	613.33	337333.33	1.3.4
Total (A)					66316583.33	
B SERVICES						
3.1	Fire Alarm System	2750.00	Sqm	280.00	770000.00	1.6.1
3.2	Wet Riser System	2750.00	Sqm	890.00	2447500.00	1.5.2
3.3	Internal PH @9% of building cost 'A'	9% of A			5968492.50	2.1
3.4	Internal Electrical Instalation	12.5% of A			8289572.92	2.3
3.5	PH & IEService connection @ 5% '	5% of A			3315829.17	2.2.1&2.2.2
4.0 EXTRA FOR :						
4.1	Power wiring and plugs	4% of A			2652663.33	(2.4.1)
4.2	Lighting conductors	0.25% of A			165791.46	(2.4.2)
4.3	Quality Assurance	0.5% of A			331582.92	(2.4.4)
4.4	Overhead Water Tank without independent staging	35000	Ltr	23.00	805000.00	4.1
5.0 Lifts						
5.1	Passengers Lift upto 5 floors (8 pax)	2	Nos.	1939000	3878000.00	3.1.2
5.2	Additional floors above 5 floors upto 8 floors	2	Nos.	99860	199720.00	3.1.2
6.0 E & M Services						
6.1	UPS	10.00	KVA	21290	212900.00	(6.4.1)
Total (B)					29037052.29	
C NON SCHEDULE WORKS						
7.1	Signages	LS			100000.00	Market Rate
Total (C)					100000.00	
TOTAL (Schedule Items) -A+B					95353635.63	
TOTAL (Non Schedule Items) - C					100000.00	
GRAND TOTAL (Schedule and Non Schedule Items)					95453636.00	
Note : Market Rate items may be varied during detail working						

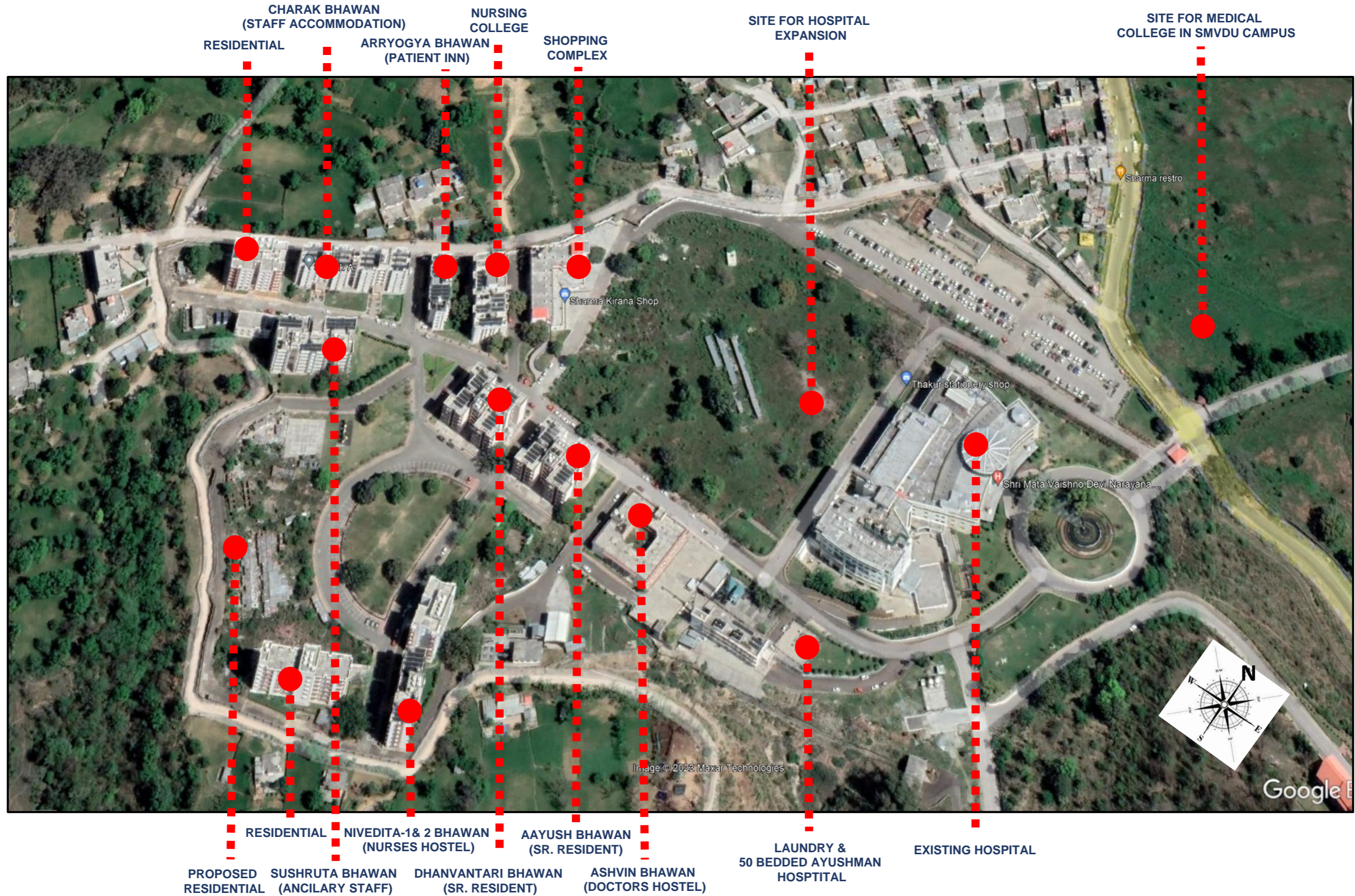
SERVICES BLOCK (G FLOORS)						
TOTAL AREA (SQM.)		500.00				
GF AREA		500.00				
HEIGHT (M) FLOOR TO FLOOR		5.10				
S.NO	DESCRIPTION OF ITEMS	AREA	UNIT	RATE	AMOUNT	REFERENCE NO.
A Main Building Portion						
1.0	R.C.C. FRAMED STRUCTURE (Normal Building)					
1.1	RCC framed structure upto 3 storeys (Floor height 3.6 m)	500.00	Sqm	30820.00	15410000.00	1.1.1
2.0 EXTRA FOR :						
2.1	Additional floor height of 1.5 m above normal floor height of 3.60 m	500.00	Sqm	2105.00	1052500.00	1.3.2(421*1.5/.3)
2.2	Additional rate for 0.4m higher plinth above 0.6m	500.00	Sqm	561.33	280666.67	1.3.3(421*.4/.3)
Total (A)					16743166.67	
B SERVICES						
3.1	Internal PH @4% of building cost 'A'	4% of A			669726.67	2.1
3.2	Internal Electrical Instalation	12.5% of A			2092895.83	2.30
3.3	PH & IE ServiceConnection @ 5% of 'A'	5% of A			837158.33	2.2.1&2.2.2
4.0 EXTRA FOR :						
4.1	Power wiring and plugs	4% of A			669726.67	(2.4.1)
4.2	Lighting conductors	0.25% of A			41857.92	(2.4.2)
4.3	Quality Assurance	0.5% of A			83715.83	(2.4.4)
Total (B)					4395081.25	
TOTAL (Schedule Items) -A+B					21138247.92	
Note : Market Rate items may be varied during detail working						

EXTERNAL DEVELOPMENT (MEDICAL COLLEGE COMPLEX)						
TOTAL AREA (SQM.)		10 acres or 40480 sqm				
development Area		24288.00	sqmt			
S.NO	DESCRIPTION OF ITEMS	AREA	UNIT	RATE	AMOUNT	REF
A DEVELOPMENT OF SITE						
1.2	Horticulture Operation including 300mm filling, grassing, tree plantation/ shrubs and potted plants etc.	24288.00	Sqm	312.00	7577856.00	5.9.1
1.3	Cement concrete pavement with vaccum dewatered concrete	1000.00	sqm	2320.00	2320000.00	5.2.3
1.4	Footpath with PCC base &Paver blocks	2000.00	sqm	2960.00	5920000.00	5.2.4
1.5	Sewer	300.00	RMT	3810.00	1143000.00	5.3
B Filter water supply						
2.1	Distribution lines 100mm dia and below	300.00	RMT	1930.00	579000.00	5.4.1
2.2	Peripheral grid 150m to 300 mm dia pipes	300.00	RMT	4100.00	1230000.00	5.4.2
2.3	Unfiltered water supply distribution lines	300.00	RMT	1510.00	453000.00	5.4.3
2.4	Storm water drains	200.00	RMT	10150.00	2030000.00	5.5
2.7	Street Lighting with LED Lights	24288.00	sqm	160.00	3886080.00	6.19.1
2.9	Exit Sign board i/c electric signage	24288.00	sqm	22.00	534336.00	6.28.1
2.10	ETP/STP upto 50 KLD	1.00	Nos	75000.00	75000.00	6.2.1
	Add for 50 to 100 KLD	50.00	KLD	60000.00	3000000.00	6.2.2
	add above 100 KLD	250.00	KLD	50000.00	12500000.00	6.2.3
C SPECIALISED E&M SERVICES						
3.3	Extra for synchronizing panels	4000	KVA	1070.00	42 80 000.00	6.3.2
3.4	Hydroneumatic water supply system	800	LPM	1640.00	1312000.00	6.13.1
Total (A)					46840272.00	
Total (B)						
TOTAL (Schedule Items) -A					46840272.00	
TOTAL (Non Schedule Items)-B						
GRAND TOTAL (Schedule and Non Schedule Items) - A+B					46840272.00	

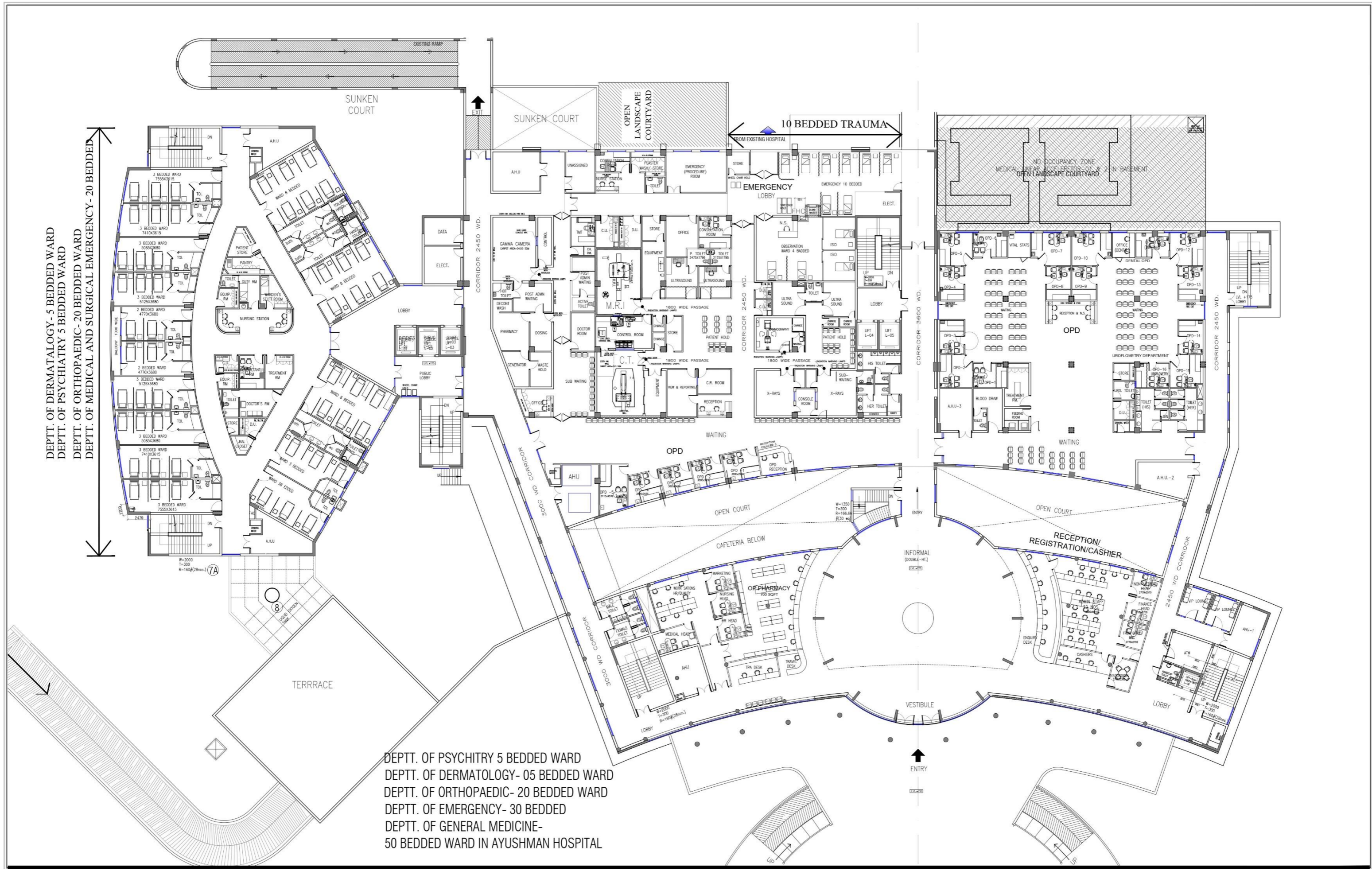
8

EXISTING AND PROPOSED TEACHING HOSPITAL

GOOGLE IMAGE



EXISTING HOSPITAL GROUND FLOOR PLAN

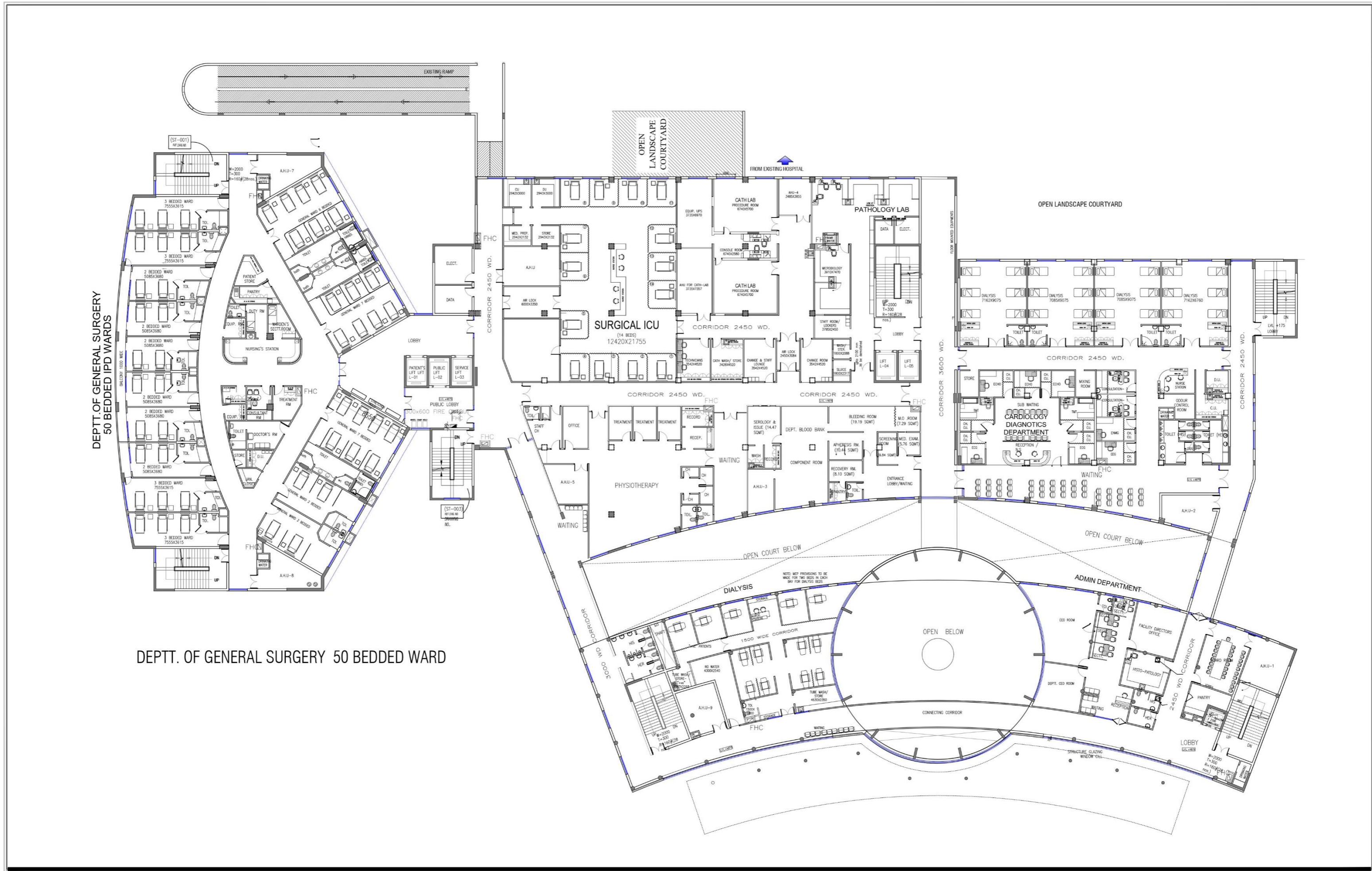


DEPT. OF DERMATOLOGY- 5 BEDDED WARD
 DEPT. OF PSYCHIATRY 5 BEDDED WARD
 DEPT. OF ORTHOPAEDIC- 20 BEDDED WARD
 DEPT. OF MEDICAL AND SURGICAL EMERGENCY- 20 BEDDED

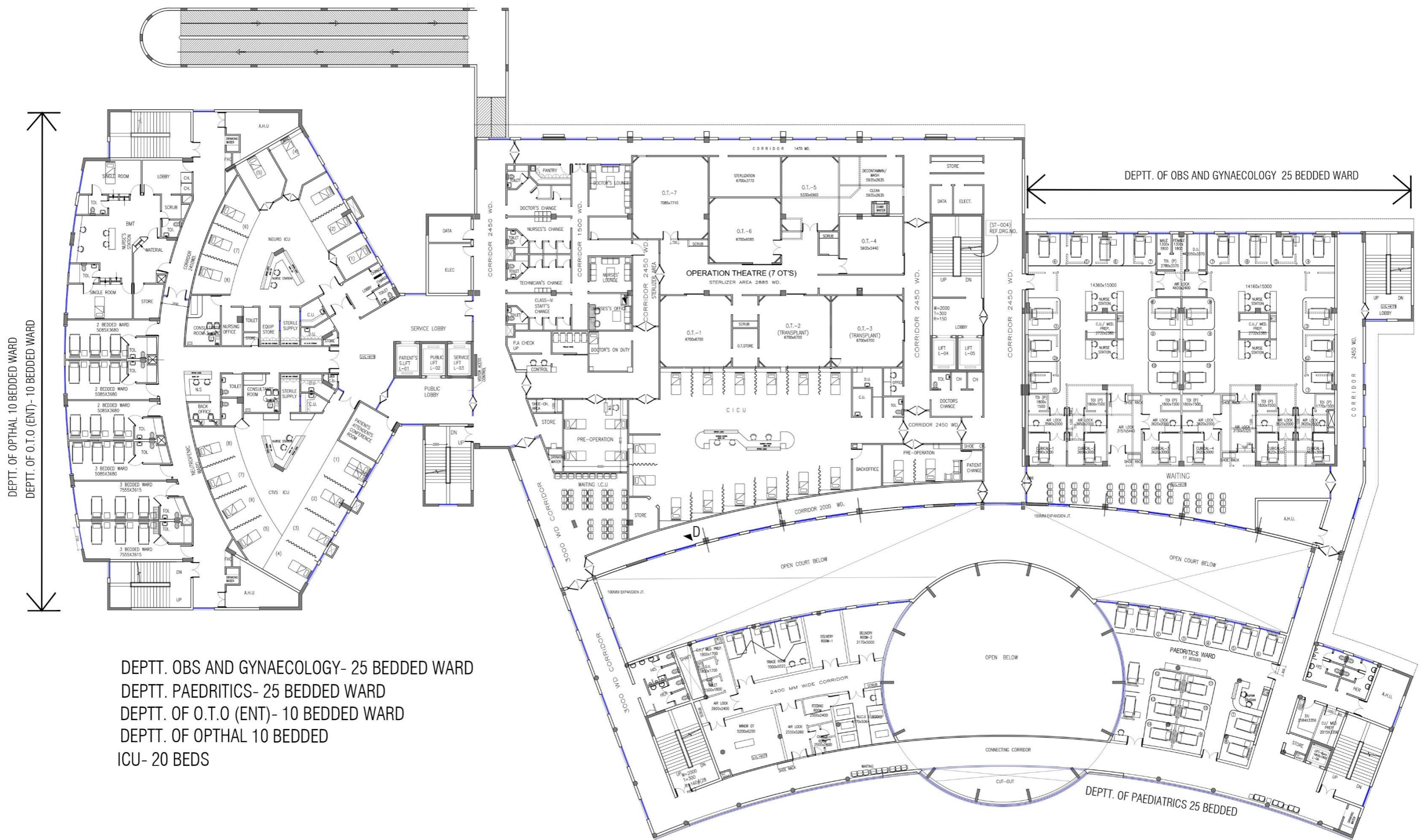
DEPT. OF PSYCHIATRY 5 BEDDED WARD
 DEPT. OF DERMATOLOGY- 05 BEDDED WARD
 DEPT. OF ORTHOPAEDIC- 20 BEDDED WARD
 DEPT. OF EMERGENCY- 30 BEDDED
 DEPT. OF GENERAL MEDICINE-
 50 BEDDED WARD IN AYUSHMAN HOSPITAL



EXISTING HOSPITAL FIRST FLOOR PLAN



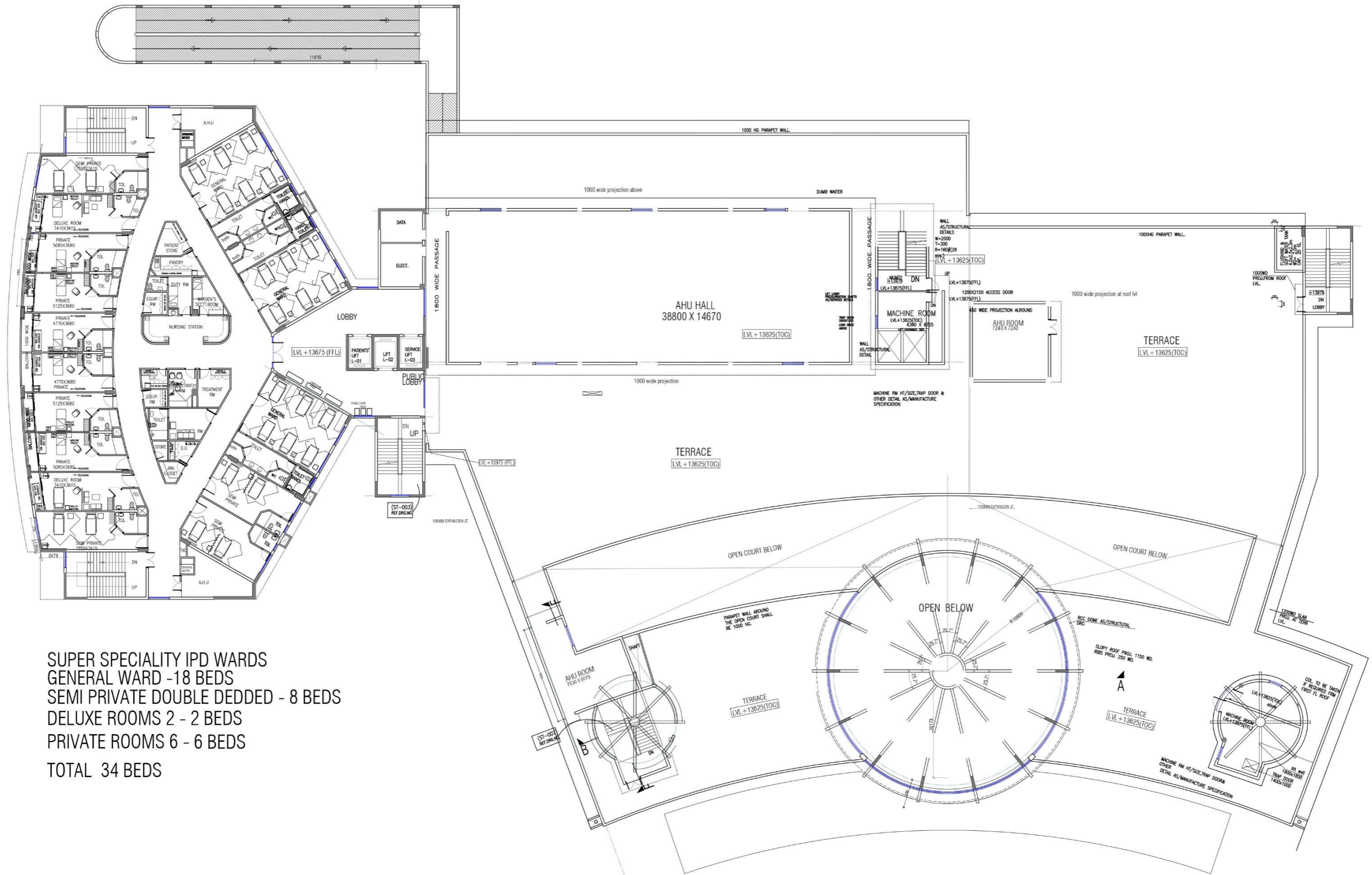
EXISTING HOSPITAL SECOND FLOOR PLAN



DEPTT. OBS AND GYNAECOLOGY- 25 BEDDED WARD
 DEPTT. PAEDRITICS- 25 BEDDED WARD
 DEPTT. OF O.T.O (ENT)- 10 BEDDED WARD
 DEPTT. OF OPHTAL 10 BEDDED
 ICU- 20 BEDS

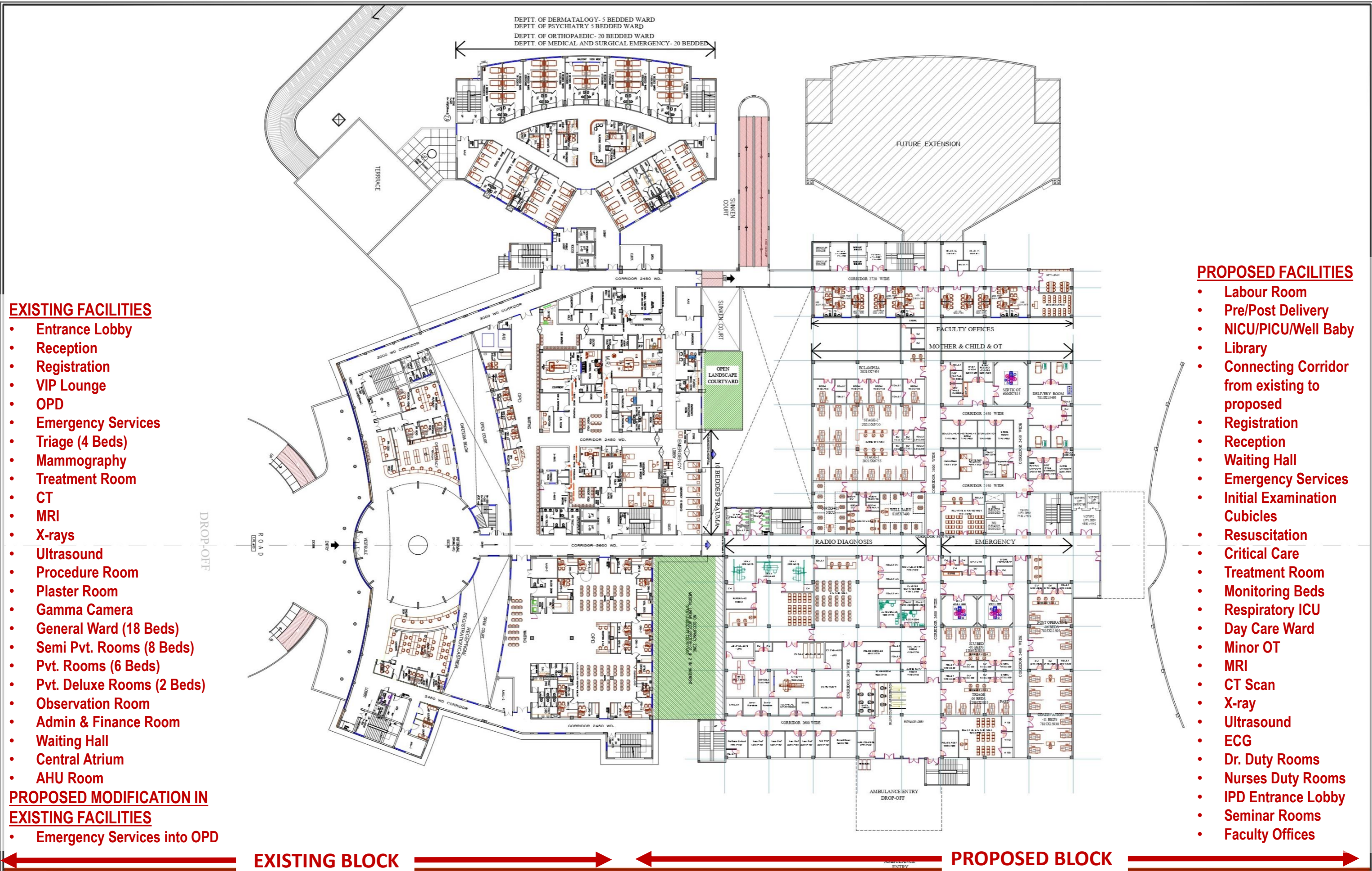


EXISTING HOSPITAL THIRD FLOOR PLAN



SUPER SPECIALITY IPD WARDS
 GENERAL WARD - 18 BEDS
 SEMI PRIVATE DOUBLE DEDDED - 8 BEDS
 DELUXE ROOMS 2 - 2 BEDS
 PRIVATE ROOMS 6 - 6 BEDS
 TOTAL 34 BEDS

HOSPITAL (EXISTING & PROPOSED) GROUND FLOOR PLAN



EXISTING FACILITIES

- Entrance Lobby
- Reception
- Registration
- VIP Lounge
- OPD
- Emergency Services
- Triage (4 Beds)
- Mammography
- Treatment Room
- CT
- MRI
- X-rays
- Ultrasound
- Procedure Room
- Plaster Room
- Gamma Camera
- General Ward (18 Beds)
- Semi Pvt. Rooms (8 Beds)
- Pvt. Rooms (6 Beds)
- Pvt. Deluxe Rooms (2 Beds)
- Observation Room
- Admin & Finance Room
- Waiting Hall
- Central Atrium
- AHU Room

PROPOSED MODIFICATION IN EXISTING FACILITIES

- Emergency Services into OPD

PROPOSED FACILITIES

- Labour Room
- Pre/Post Delivery
- NICU/PICU/Well Baby
- Library
- Connecting Corridor from existing to proposed
- Registration
- Reception
- Waiting Hall
- Emergency Services
- Initial Examination Cubicles
- Resuscitation
- Critical Care
- Treatment Room
- Monitoring Beds
- Respiratory ICU
- Day Care Ward
- Minor OT
- MRI
- CT Scan
- X-ray
- Ultrasound
- ECG
- Dr. Duty Rooms
- Nurses Duty Rooms
- IPD Entrance Lobby
- Seminar Rooms
- Faculty Offices

GROUND FLOOR PART PLAN PROPOSED



HOSPITAL (EXISTING & PROPOSED) FIRST FLOOR PLAN



EXISTING FACILITIES

- General Wards (18 Beds)
- Pvt. Wards (6 Beds)
- Deluxe Room (2 Beds)
- Semi Pvt. (8 Beds)
- CCU (14 Beds)
- Cath Labs (2 Nos.)
- Physiotherapy
- Blood Bank
- Dialysis
- Administrative Deptt.
- AHU
- Chemotherapy (12 Beds)
- Day Care Onco (12 Beds)
- Cardiology Diagnostic Deptt.
- Waiting Hall t

PROPOSED FACILITIES

- Faculty Offices
- OPD

EXISTING BLOCK

PROPOSED BLOCK

FIRST FLOOR PART PLAN PROPOSED



HOSPITAL (EXISTING & PROPOSED) SECOND FLOOR PLAN



EXISTING FACILITIES

- ICU (8 Beds)
- BMT
- Stepdown ICU (8 Beds)
- Semi Pvt. (6 Beds)
- Pvt. Room (3 Beds)
- OT Complex (7 Nos. OT)
- Changing Room
- Pre-op (6 Beds)
- Post-op (14 Beds)
- SICU 1 (10 Beds)
- SICU 2 (10 Beds)
- Gynae Ward (14 Beds)
- Minor OT
- Delivery Room (2 Nos.)
- Triage Room (3 Beds)t

PROPOSED FACILITIES

- Dialysis Bed (40 beds)
- OT (4 Nos.)
- Instrument Store
- Pre-OP (8 Beds)
- Post-Op (8 Beds)
- Change Room
- Dr. Duty Room
- Faculty Office
- Counselling Room
- Nurse Duty Room
- HDU (16 Beds)
- ICU (16 Beds)
- Nurses Lounge

EXISTING BLOCK

PROPOSED BLOCK

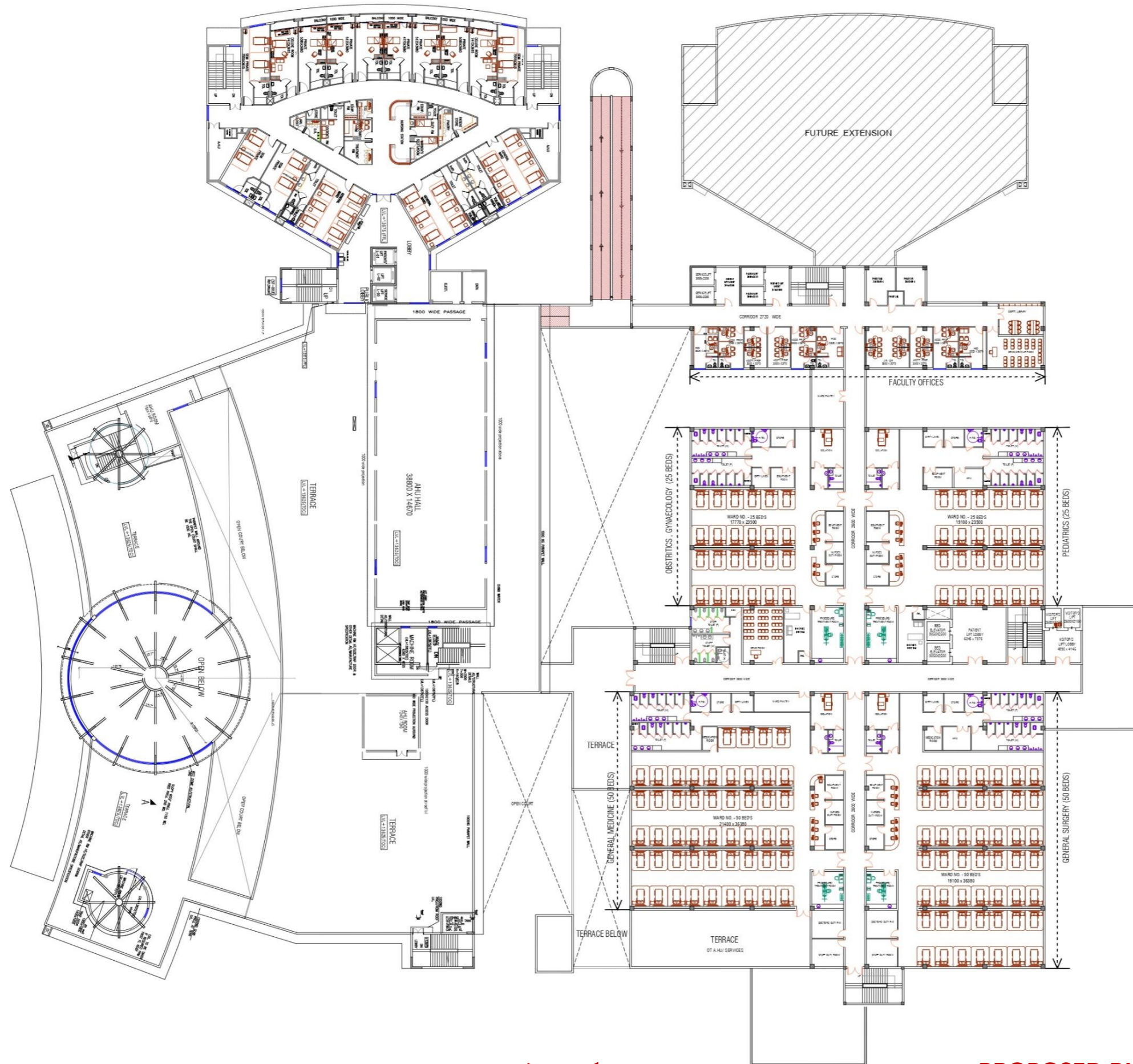


SECOND FLOOR PART PLAN PROPOSED



SECOND FLOOR

HOSPITAL (EXISTING & PROPOSED) THIRD FLOOR PLAN



EXISTING FACILITIES

- General Wards (18 Beds)
- Semi Pvt. Room (8 Beds)
- Deluxe Room (2 Beds)
- Pvt. Room (6 Beds)
- AHU Hall

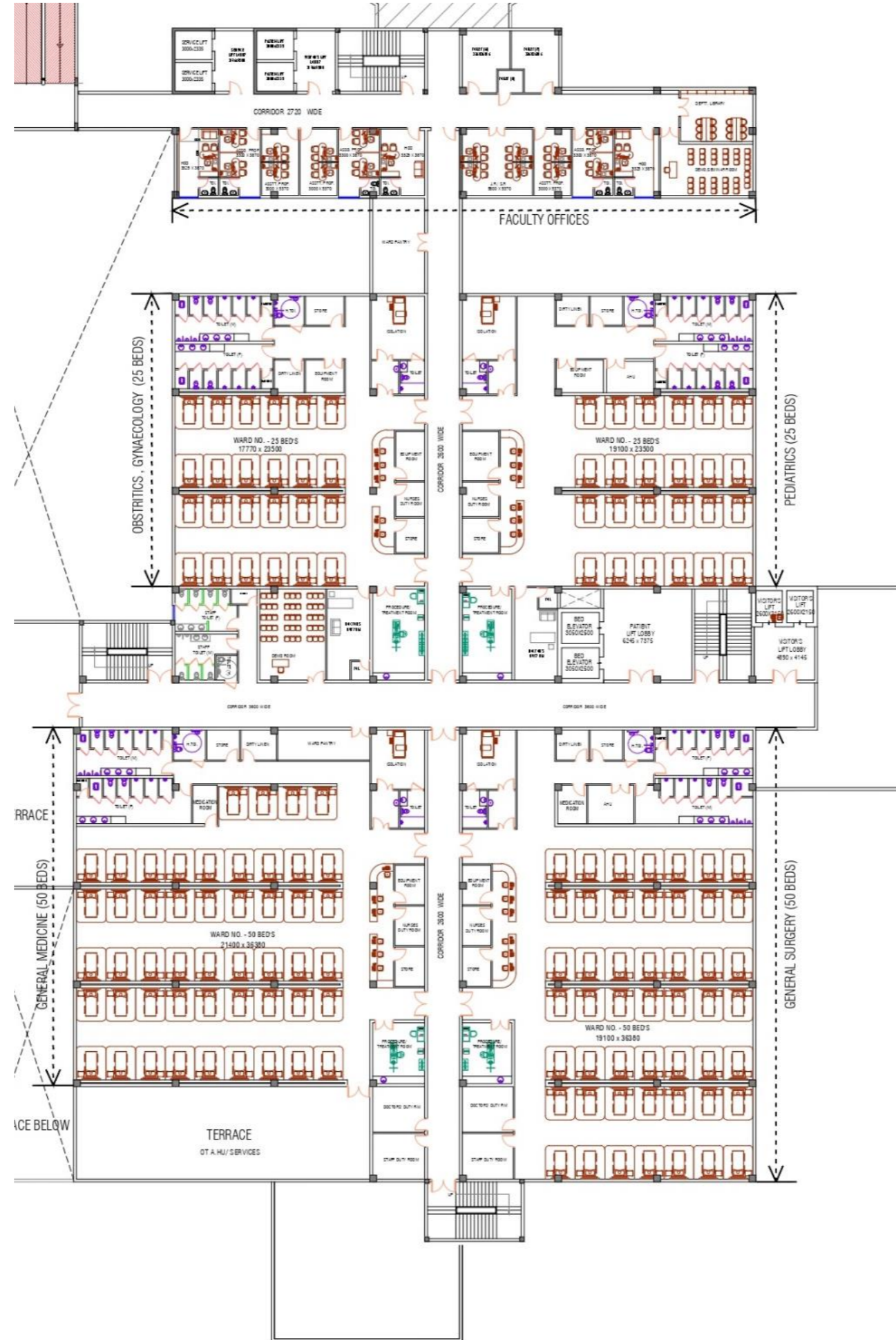
PROPOSED FACILITIES

- Pediatrics (25 beds), Obstetrics & Gynecology (25 beds)
- Connecting Corridor from existing to proposed
- Registration
- Reception
- Waiting Hall
- Treatment Room
- Dr. Duty Rooms
- Nurses Duty Rooms
- Seminar Rooms
- Faculty Offices
- General Medicine (50 beds)
- General Surgery (50 beds)

EXISTING BLOCK

PROPOSED BLOCK

THIRD FLOOR PART PLAN PROPOSED



HOSPITAL (EXISTING & PROPOSED) STACKING DIAGRAM

EXISTING HOSPITAL		PROPOSED HOSPITAL EXPANSION		FUTURE EXPANSION	
TERRACE		TERRACE			
THIRD FLOOR	3700 GENERAL WARD BEDS / SEMI PRIVATE ROOMS / PRIVATE DELUXE ROOMS	4500 GENERAL MEDICINE (50 BEDS) GENERAL SURGERY (50 BEDS) PEDIATRICS (25 BEDS) OBSTRICTICS & GYNECOLOGY (25 BEDS)	CORRIDOR/ LIFT LOBBY	FUTURE EXPANSION	
SECOND FLOOR	4500 GYNAE-OBS WARD / 2 DELIEVERY ROOMS /MINOR OT /NICU / TRIAGE OT COMPLEX(7 OT'S),PRE OP/POST OP/SICU-1 / SICU-2 /BMT PRIVATE DELUXE ROOMS / SEMI PRIVATE ROOMS / ICU/STEP DOWN	4500 DIALYSIS / IPD WAITING LOBBY MEDICAL ICU (20 BEDS) /SURGICAL ICU (20 BEDS) OPERATION THEATRES,DEPARTMENT OF ANESTHESIA ,RELATIVE WAITING	CORRIDOR/ LIFT LOBBY	FUTURE EXPANSION	
FIRST FLOOR	18375 4500 OPD/ CATH LAB / PATHOLOGY LAB / CCU / PHYSIOTHERAPY/CHEMOTHERAPY DAYCARE ONCOLOGY / CARDIOLOGY DIAGNOSTICS DEPTT. / BLOOD BANK PRIVATE DELUXE ROOMS / SEMI PRIVATE ROOMS /GENERAL WARD (PROPOSED 25 BEDS DEPTT. OF PYCHIARTY ,DERMATOLOGY WARDS)	4500 ENT. DEPTT. / DENTAL DEPTT. (OPD. COMPLEX) OBSTRITICS & GYNAECOLOGY, RESPIRATORY MEDICINE,PSYCHIATRY,DERMATOLOGY GENERAL SURGERY ,GENERAL MEDICINE,OPHTHALMOLOGY,ORTHOPAEDIC,PAEDIATRICS	CORRIDOR/ LIFT LOBBY	FUTURE EXPANSION	
GROUND FLOOR	4500 RECEPTION-REGISTRATION /OPD/ EMERGENCY SERVICES / CT / MRI /X-RAYS/ ULTRASOUND / GAMMA CAMERA / GENERAL WARD BEDS / SEMI PRIVATE ROOMS /PRIVATE DELUXE ROOMS (PROPOSED 25 BEDS DEPTT. OF ORTHOPAEDIC ,OPHTHALMOLOGY ,ENT.)	4500 RECEPTION-REGISTRATION /OPD/ EMERGENCY SERVICES / RADIO DIAGNOSIS ,MOTHER & CHILD & OT	CORRIDOR/ LIFT LOBBY	FUTURE EXPANSION	
NGL	1175	GROUND FLOOR		NGL	
BASEMENT FLOOR	5000 MEP SERVICES/KITCHEN/OPD/PHARMACY STORE/BRONCHOSCOPY/STORES/LA ENDOSCOPY/COLONOSCOPY/EEG/ONCOLOGY/PET SCAN/CSSD/NUCLEAR MEDICINE				

EXISTING HOSPITAL BUILDING

PROPOSED EXPANSION OF HOSPITAL BUILDING



HOSPITAL (EXISTING & PROPOSED) PERSPECTIVE VIEW



EXISTING FACILITIES IN SMVDNSH

Row Labels	Lower Ground	Ground Floor	First Floor	Second Floor	Third Floor	Grand Total
Cradle				3		3
Critical Care			14	59		73
Day Care	5	10	6			21
Dialysis			25			25
ER		10				10
General		65	21	12	18	116
HDU				8		8
NICU				13		13
Private		5	6	3	6	20
Semi-Private		4	10	9	12	35
Grand Total (Beds)	5	94	82	107	36	324
Services	OPDs	OPDs	OPDs	Anesthesia		
	Radiation Oncology	Emergency Medicine	Laboratory	Modular OTs		
	Bronchoscopy	Nuclear Medicine	ECG			
	Gastro Intestinal Endoscopy	Ophthalmology	TMT			
	Colonoscopy	MRI (1.5tesla)	Holter			
	EEG	CT (128Slice)	2D Echo/TEE			
	ENMG	Color Doppler	Physiotherapy			
	PET SCAN	Ultrasound	Cath Lab			
	Linear Accelerator	X-ray	Laboratory			
	Branchy Therapy	Uroflowmetry	Blood Bank			
	CSSD	GAMMA Camera				
	Canteen	Chemotherapy				
		Emergency				
		Radiology				
	Psychiatry					

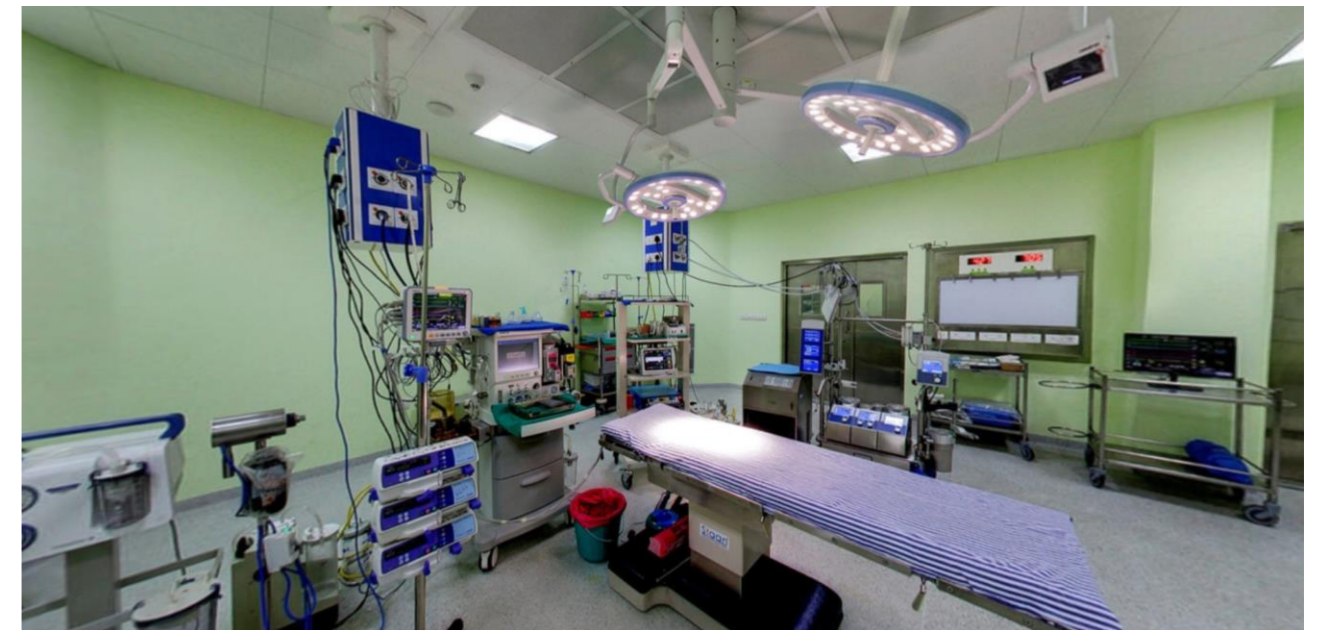
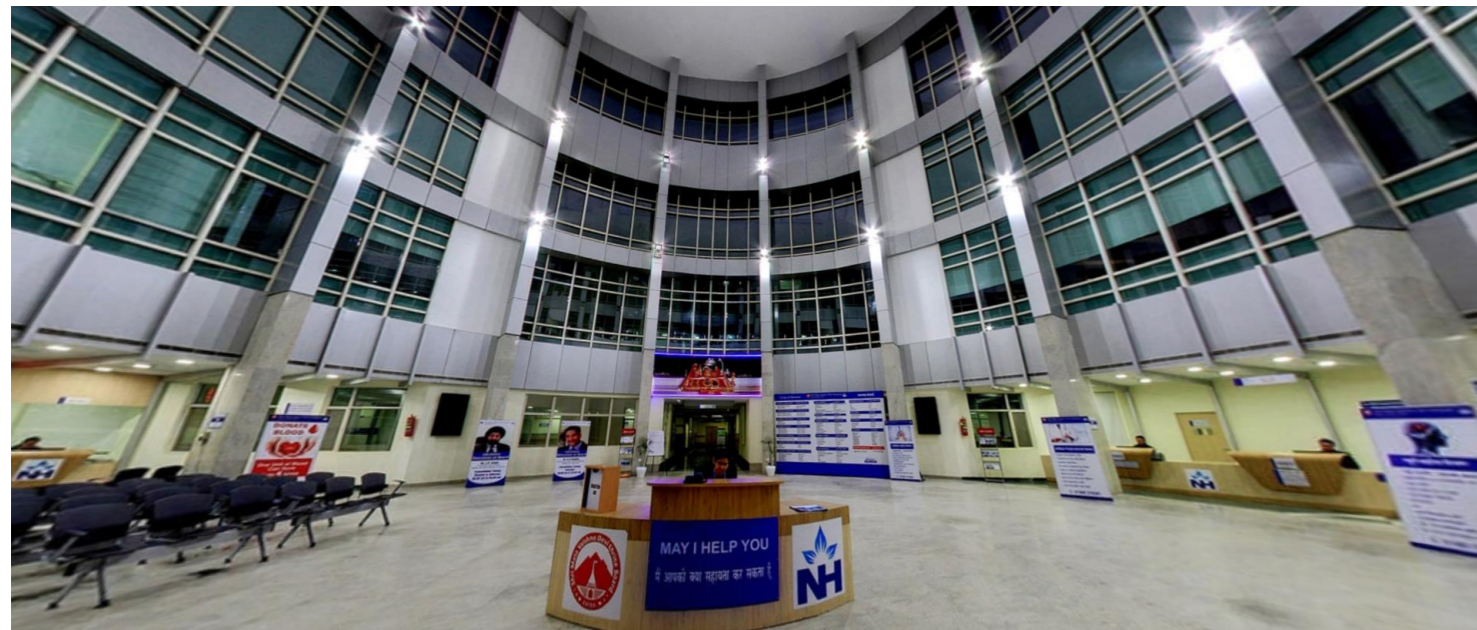
BED CALCULATION

Floors	Existing Block (Beds)		Proposed Blocks (Beds)		Total Beds	
	Total	As/ NMC for 50 intake at LOP	Total	As/ NMC	Total	As/ NMC for 100 intake at LOP
Ayush Hospital Block	50	50	-	-	50	50
Basement	05	-	-	-	05	-
Ground Floor	122	60	48	30	170	90
First Floor	104	60	-	-	104	60
Second Floor	129	80	88	-	217	80
Third Floor	34 (SS)	-	150	150	184	150
Total Beds	467	250	286	180	730	430

EXISTING HOSPITAL PHOTOGRAPHS



EXISTING HOSPITAL PHOTOGRAPHS





PROPOSED MEDICAL COLLEGE

SMVDU COMPLEX GOOGLE IMAGE



PROPOSED 100 INTAKE
MEDICAL COLLEGE

PROPOSED BOYS RESIDENTIAL
ACCOMMODATION
250 PAX

PROPOSED SR. FACULTY
ACCOMMODATION 2BHK + STUDY
30 UNITS

PROPOSED GIRLS RESIDENTIAL
ACCOMMODATION 250 PAX

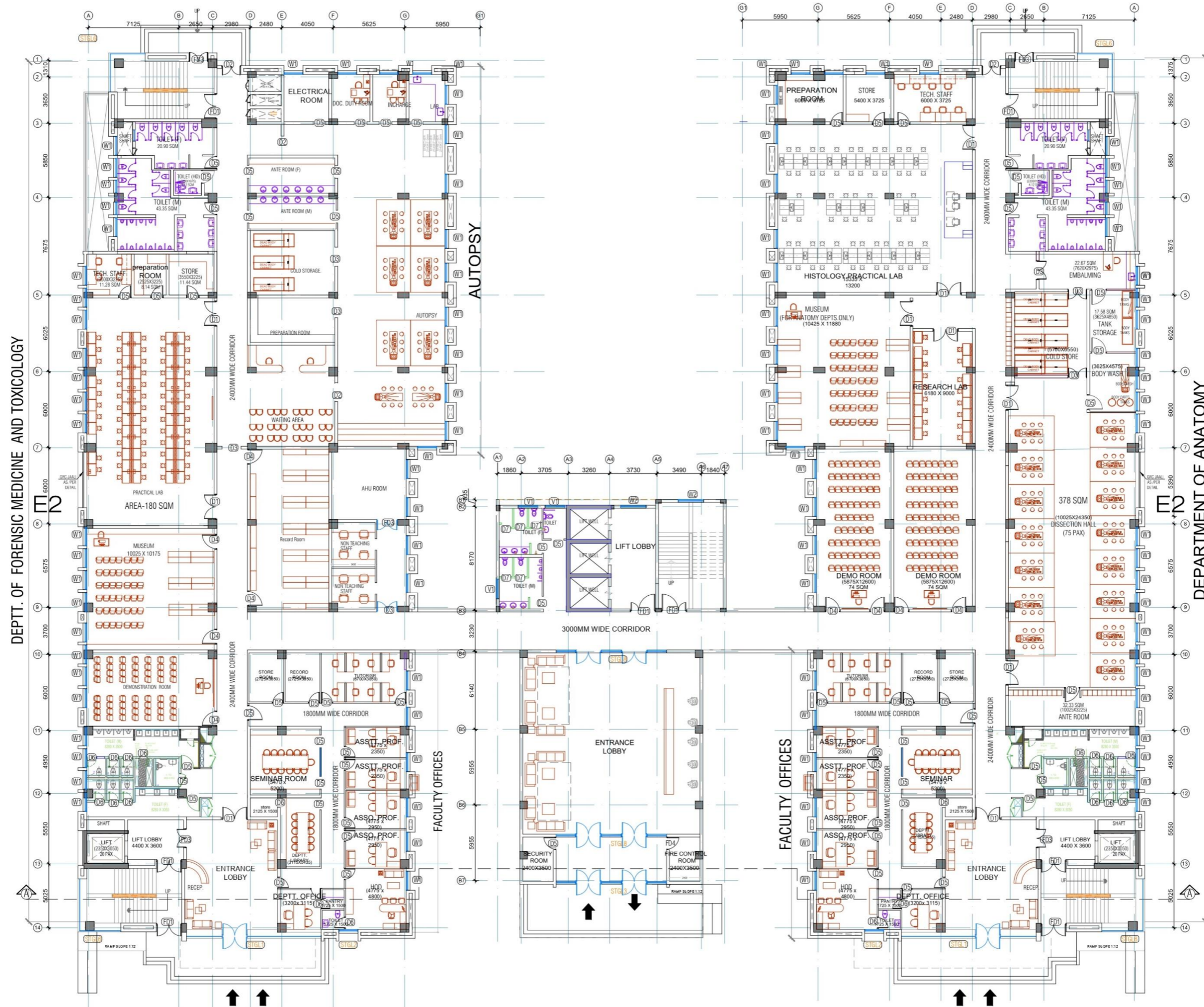
PROPOSED MEDICAL COLLEGE PERSPECTIVE FRONT VIEW



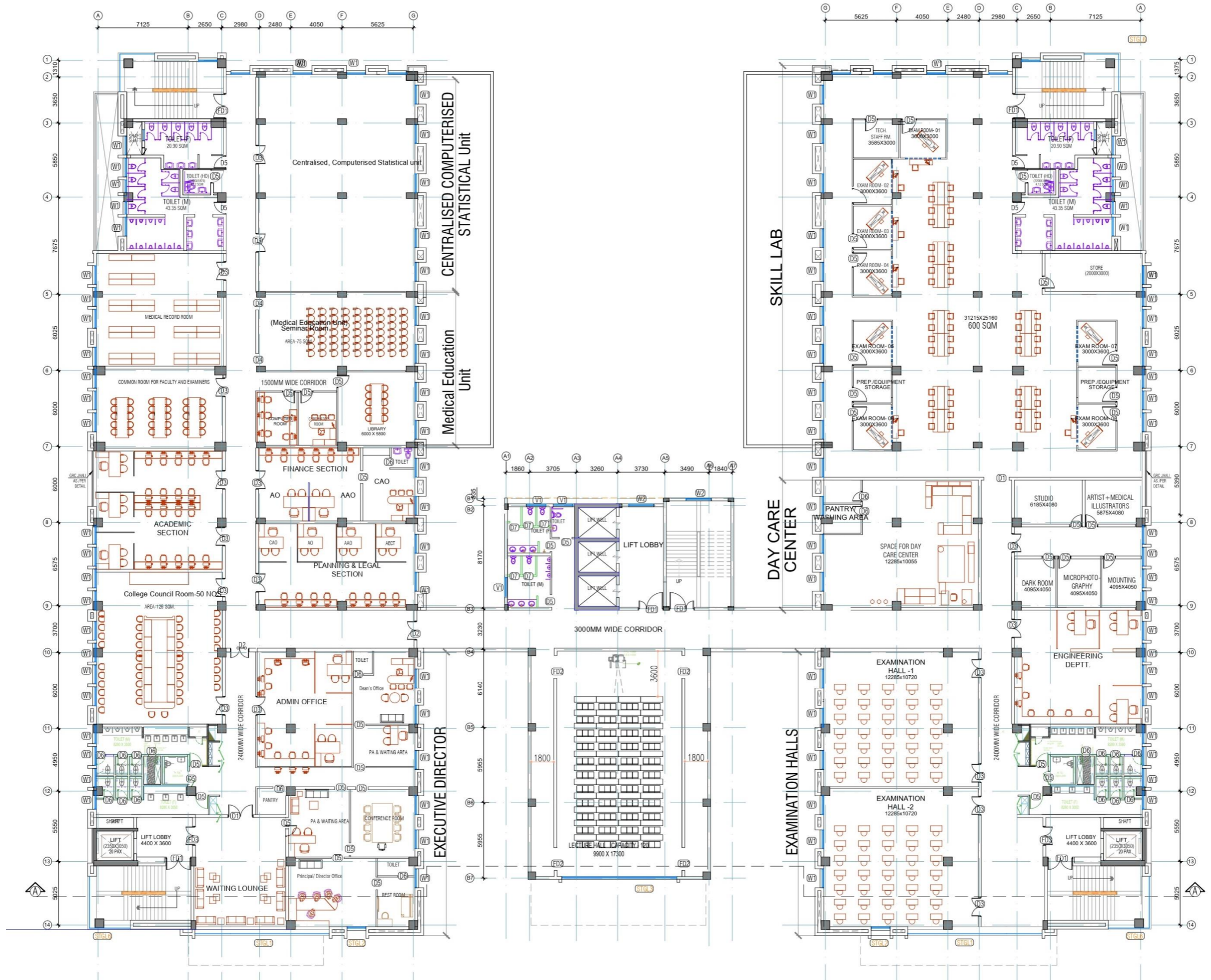
PROPOSED MEDICAL COLLEGE PERSPECTIVE SIDE VIEW



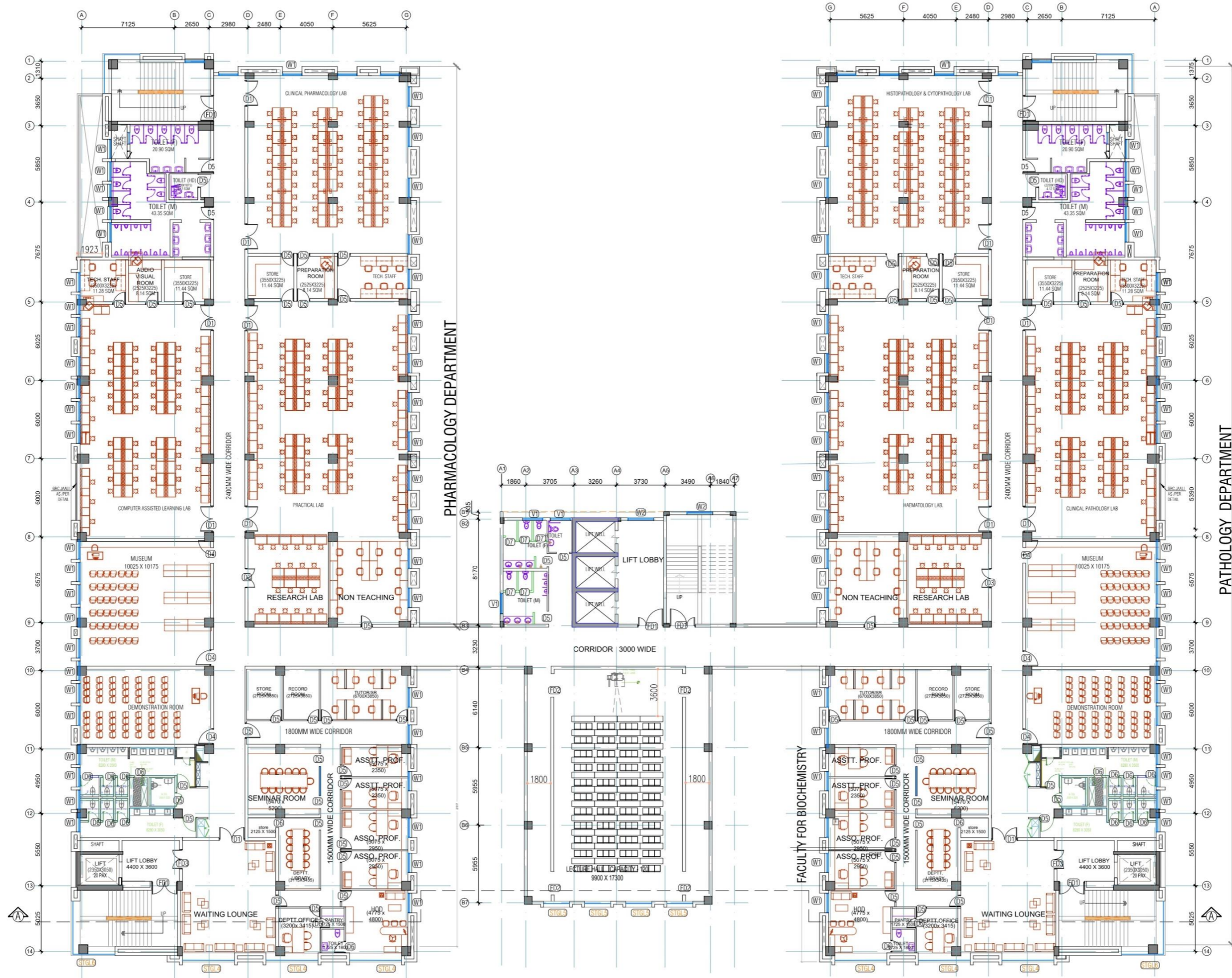
PROPOSED MEDICAL COLLEGE GROUND FLOOR PLAN



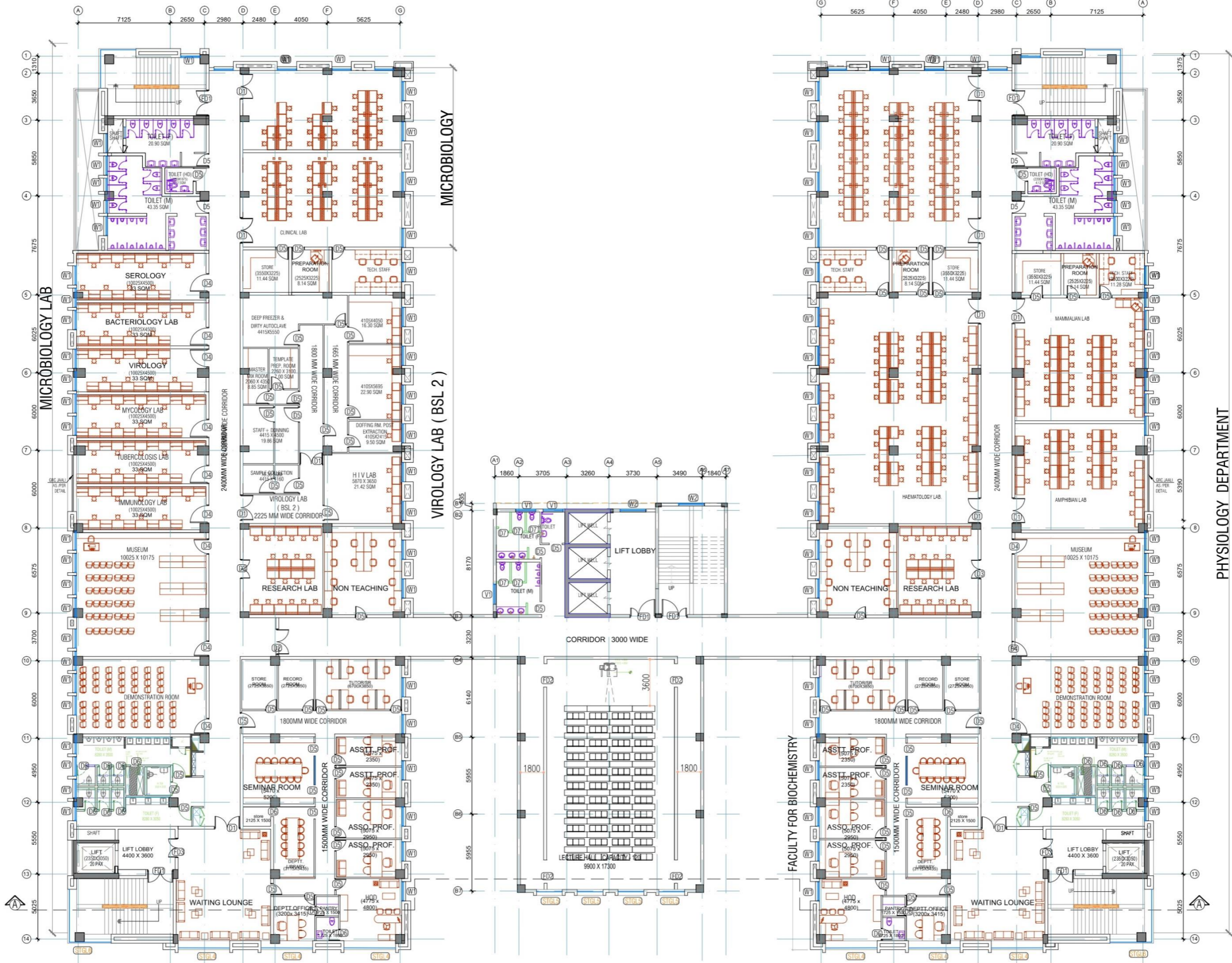
PROPOSED MEDICAL COLLEGE FIRST FLOOR PLAN



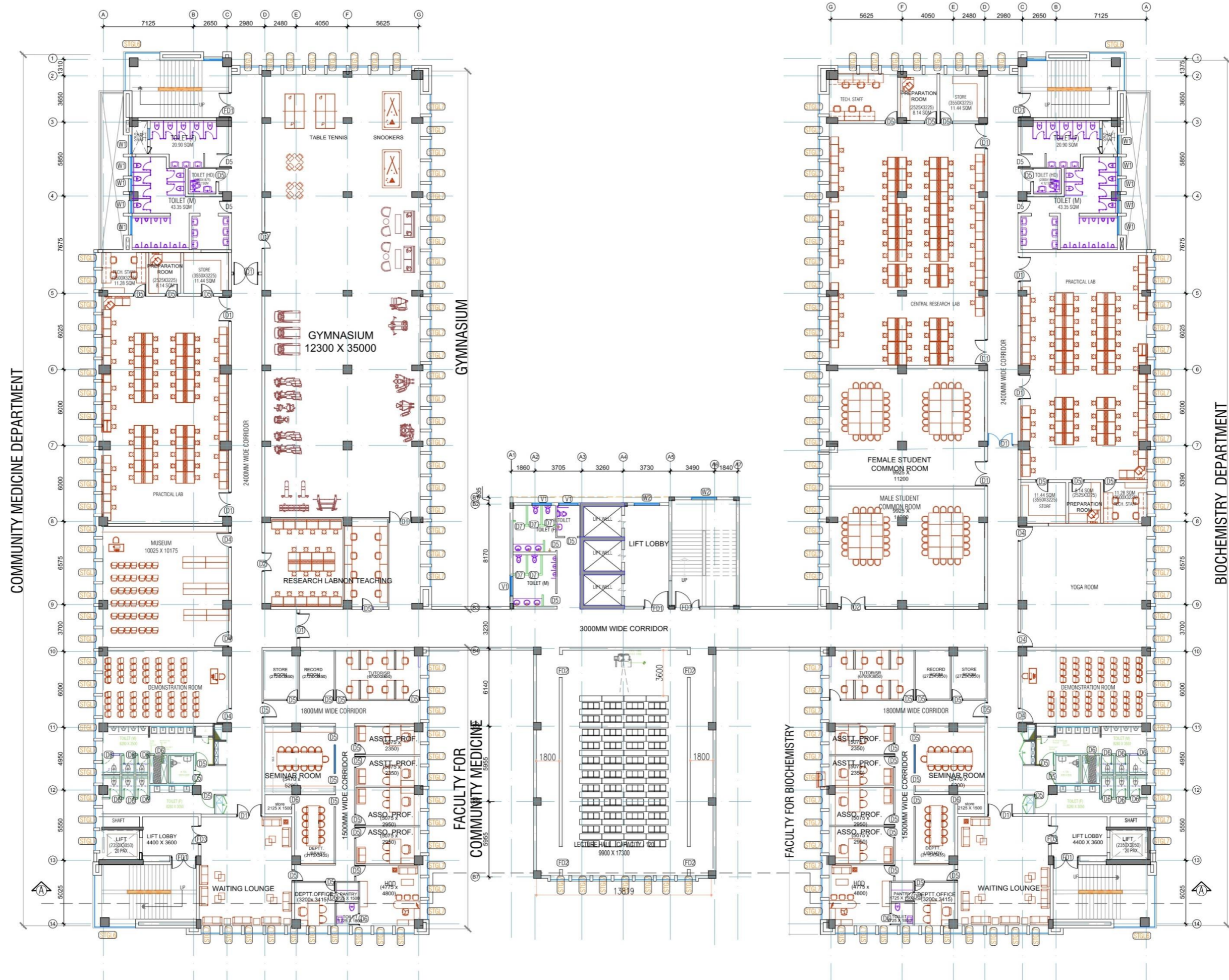
PROPOSED MEDICAL COLLEGE SECOND FLOOR PLAN



PROPOSED MEDICAL COLLEGE THIRD FLOOR PLAN

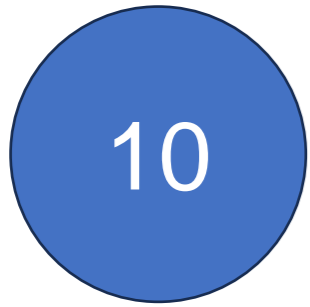


PROPOSED MEDICAL COLLEGE FOURTH FLOOR PLAN



PROPOSED AMENITIES IN THE MEDICAL COLLEGE (100 INTAKE)

- DEPARTMENTS
 - ANATOMY
 - PHYSIOLOGY
 - BIO-CHEMISTRY DEPARTMENT
 - PATHOLOGY
 - MICROBIOLOGY
 - PHARMACOLOGY
 - FORENSIC MEDICINE AND TOXICOLOGY
 - COMMUNITY MEDICINE
- ADMINISTRATIVE AREA
- COLLEGE COUNCIL
- LIBRARY IN CENTRAL LIBRARY BLOCK OF SMVDU
- 4 NEW LECTURE THEATERS
- TEACHING ROOMS
- STUDENT PRACTICAL LABORATORIES ONE EACH FOR EVERY DEPTT.
- MUSEUMS
- SKILLS LABORATORY
- DIRECTOR OFFICE, DEPTT. & ADMIN. OFFICES, STAFF ROOMS, GYMNASIUM
- MEDICAL EDUCATION UNIT
- CENTRAL RESEARCH LABS

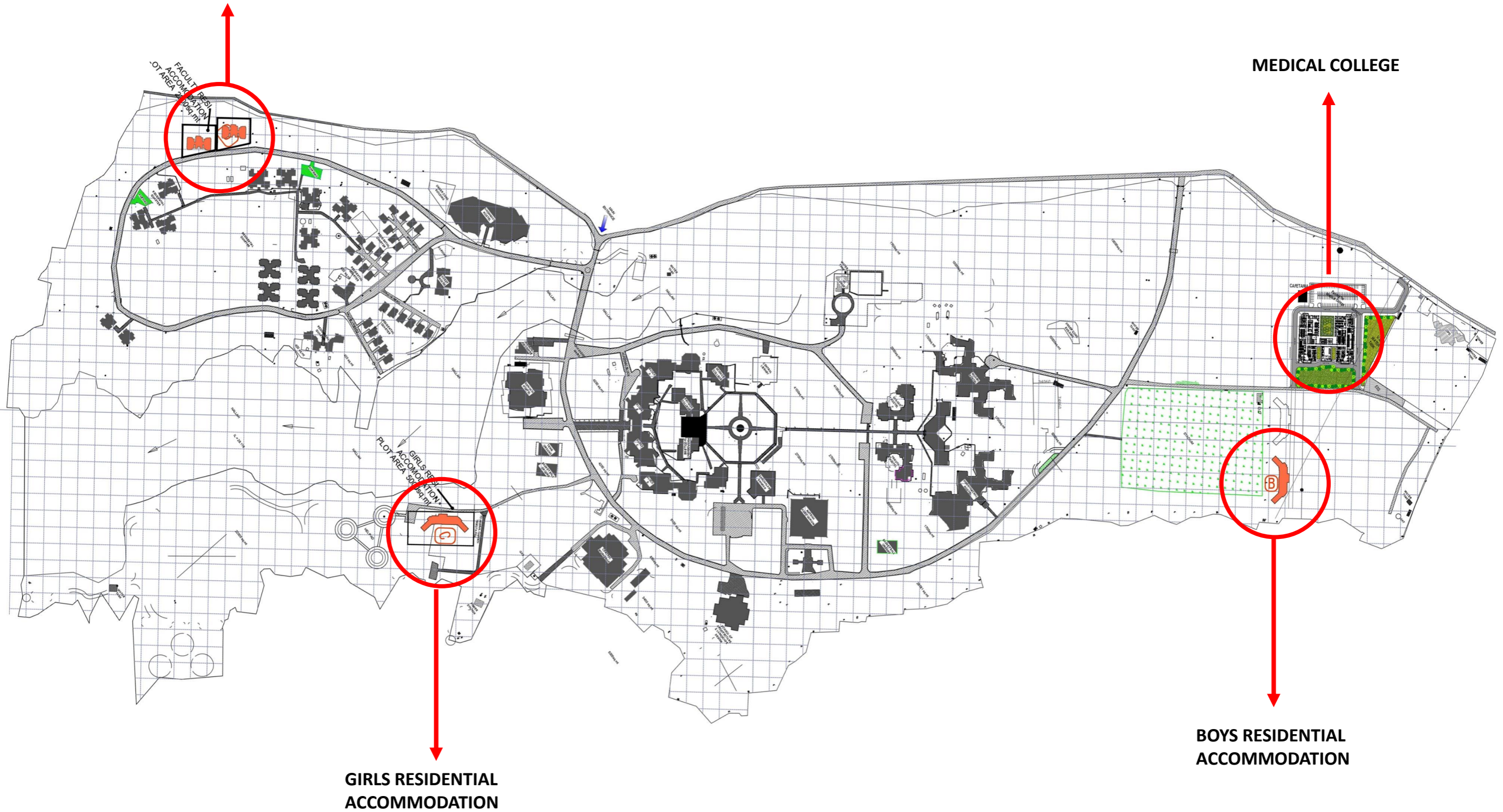


PROPOSED STUDENT HOSTELS

SITE LAYOUT PLAN SMVDU CAMPUS & SMVDNH HOSPITAL CAMPUS

FACULTY RESIDENTIAL
ACCOMMODATION (FUTURE)

MEDICAL COLLEGE



PROPOSED GIRLS' RESIDENTIAL ACCOMMODATION PERSPECTIVE FRONT VIEW



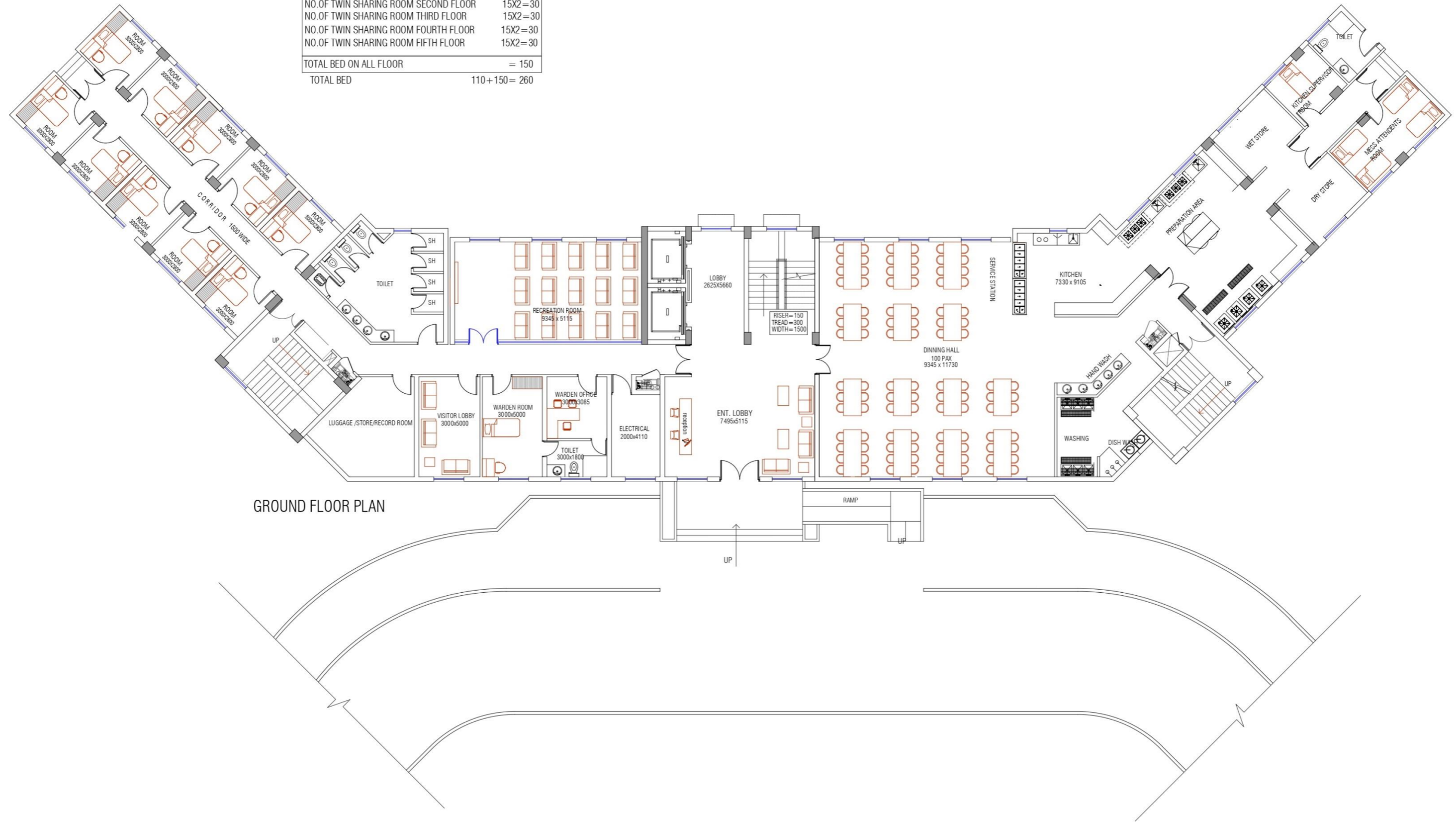
PROPOSED GIRLS' RESIDENTIAL ACCOMMODATION PERSPECTIVE SIDE VIEW



PROPOSED GIRLS' RESIDENTIAL ACCOMMODATION GROUND FLOOR PLAN

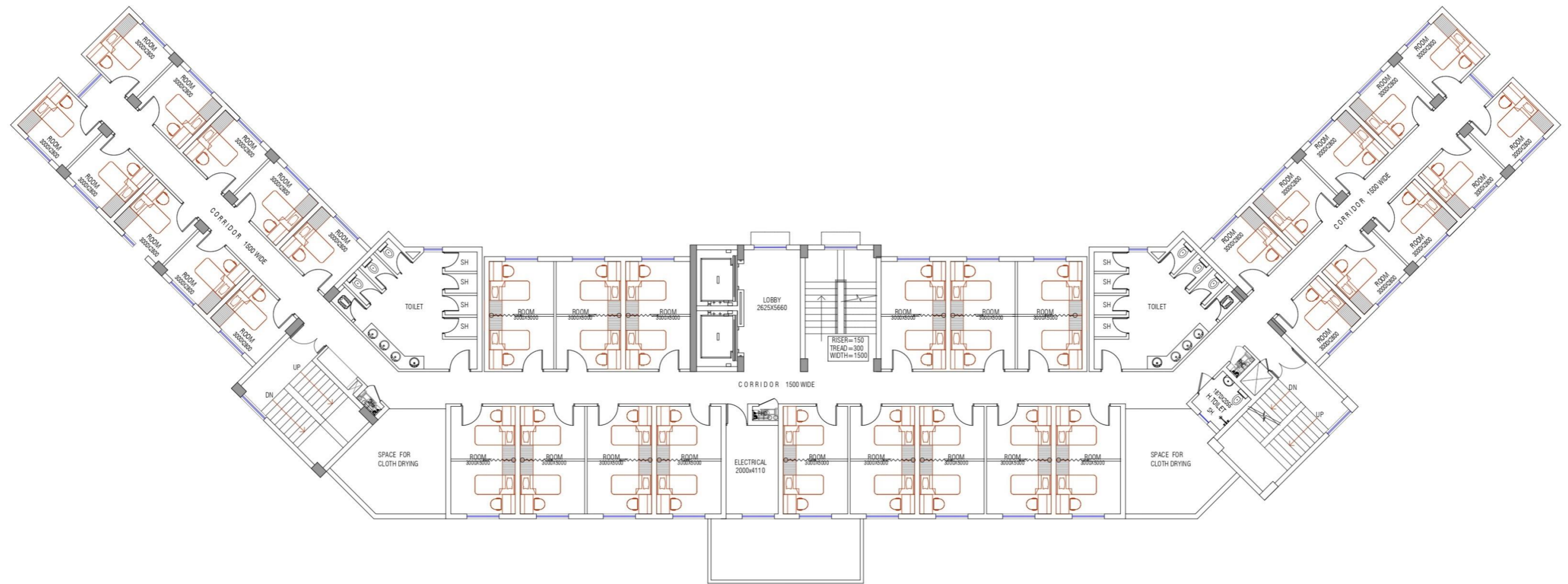
NO. OF SINGLE ROOM GROUND FLOOR	= 10
NO. OF SINGLE ROOM	20 X 5 = 100
TOTAL BED ON ALL FLOOR	= 110

NO. OF TWIN SHARING ROOM FIRST FLOOR	15X2=30
NO. OF TWIN SHARING ROOM SECOND FLOOR	15X2=30
NO. OF TWIN SHARING ROOM THIRD FLOOR	15X2=30
NO. OF TWIN SHARING ROOM FOURTH FLOOR	15X2=30
NO. OF TWIN SHARING ROOM FIFTH FLOOR	15X2=30
TOTAL BED ON ALL FLOOR	= 150
TOTAL BED	110+150= 260



GROUND FLOOR PLAN

PROPOSED GIRLS' RESIDENTIAL ACCOMMODATION TYPICAL FLOOR PLAN



FIRST TO FIFTH FLOOR PLAN

PROPOSED BOYS' RESIDENTIAL ACCOMMODATION PERSPECTIVE FRONT VIEW



PROPOSED BOYS' RESIDENTIAL ACCOMMODATION PERSPECTIVE SIDE VIEW



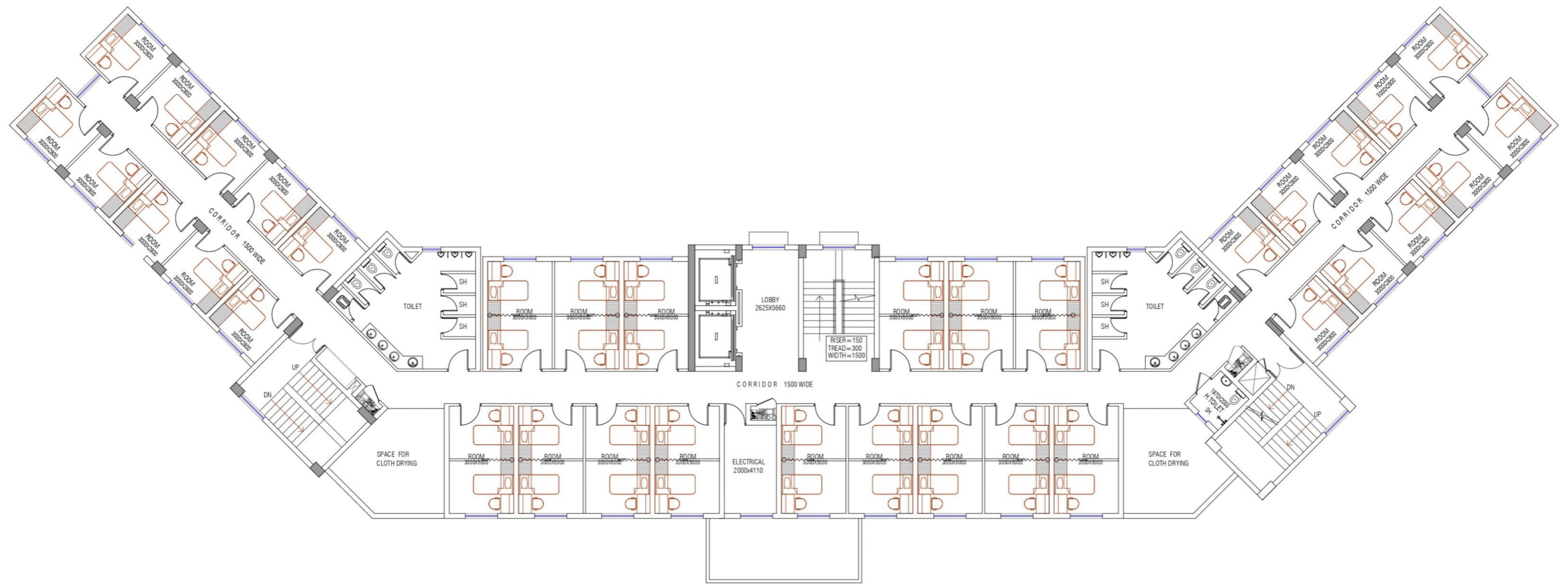
PROPOSED BOYS' RESIDENTIAL ACCOMMODATION GROUND FLOOR PLAN

NO. OF SINGLE ROOM GROUND FLOOR	=	10
NO. OF SINGLE ROOM	20 X 5 =	100
TOTAL BED ON ALL FLOOR = 110		
NO. OF TWIN SHARING ROOM FIRST FLOOR	15X2=	30
NO. OF TWIN SHARING ROOM SECOND FLOOR	15X2=	30
NO. OF TWIN SHARING ROOM THIRD FLOOR	15X2=	30
NO. OF TWIN SHARING ROOM FOURTH FLOOR	15X2=	30
NO. OF TWIN SHARING ROOM FIFTH FLOOR	15X2=	30
TOTAL BED ON ALL FLOOR = 150		
TOTAL BED	110+150=	260



GROUND FLOOR PLAN

PROPOSED BOYS' RESIDENTIAL ACCOMMODATION TYPICAL FLOOR PLAN



FIRST TO FIFTH FLOOR PLAN

SCALE OF AMENITIES

S. No.	Details	Amenities
1	Student Residential Accommodation for Girls at SMVDU, Kakryal	Dinning, Kitchen, Recreation, Warden Office & Rest Room, Single Room Accom – 110 Nos. Twin sharing Accom – 150 Nos. Total – 260 Nos.
2	Student Residential Accommodation for Boys at SMVDU, Kakryal	Dinning, Kitchen, Recreation, Warden Office & Rest Room, Single Room Accom – 110 Nos. Twin sharing Accom – 150 Nos. Total – 260 Nos.
3	2BHK Faculty Accommodation and Accommodation	60 Units
4	Technician Accommodation for Female	Twin Sharing 96 pax
5	Technician Accommodation for Male	Twin Sharing 96 pax



PROPOSED FACULTY ACCOMMODATION



SITE LAYOUT PLAN SMVDNH CAMPUS (GOOGLE IMAGE)

Technician (Male) Accommodation

Faculty Accommodation 2 BHK

Faculty Accommodation 2 BHK

Technician (Female) Accommodation



PROPOSED FACULTY ACCOMODATION 2 BHK PERSPECTIVE FRONT VIEW



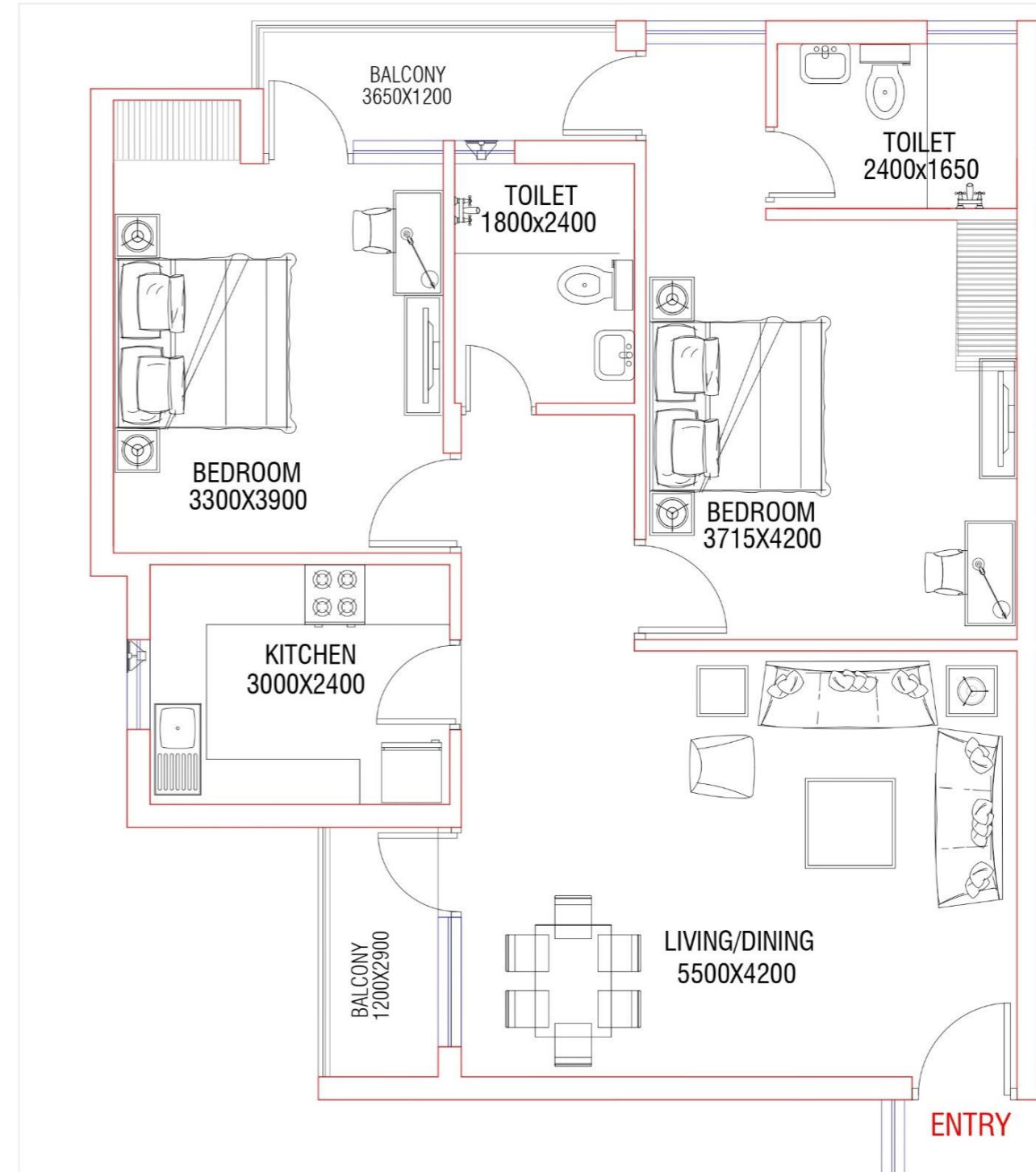
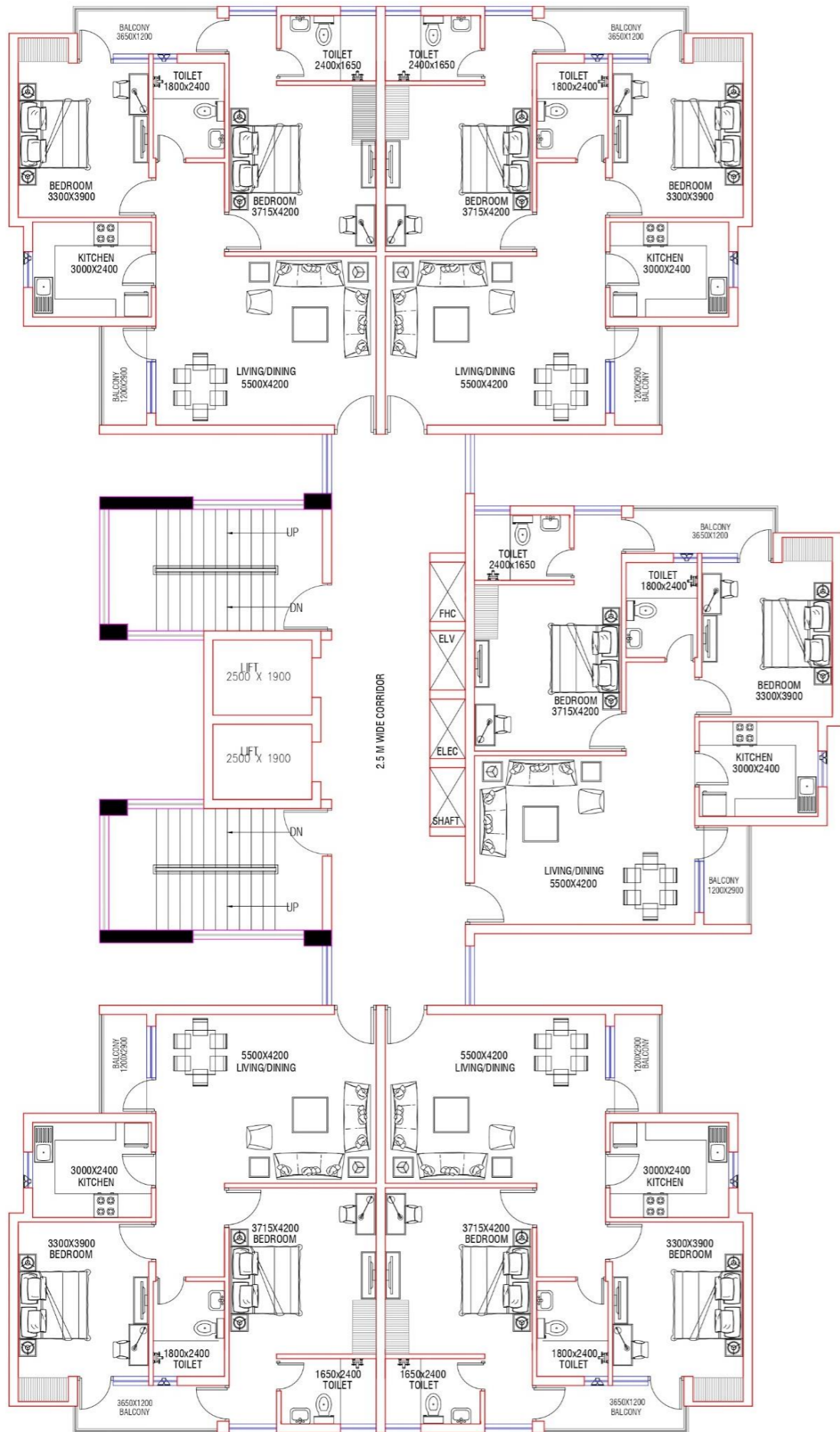
PROPOSED FACULTY ACCOMODATION 2 BHK PERSPECTIVE SIDE VIEW



PROPOSED FACULTY ACCOMODATION 2 BHK PERSPECTIVE SIDE VIEW



FACULTY HOUSING 2 BHK TYPICAL FLOOR PLAN



TYPICAL UNIT PLAN

5 UNITS(2 BHK) EACH FLOOR TOTAL UNITS 30 NOS.

2 BHK UNIT AREA = 95 SQM

NO. OF TOWERS = 2 TOTAL UNITS = 60

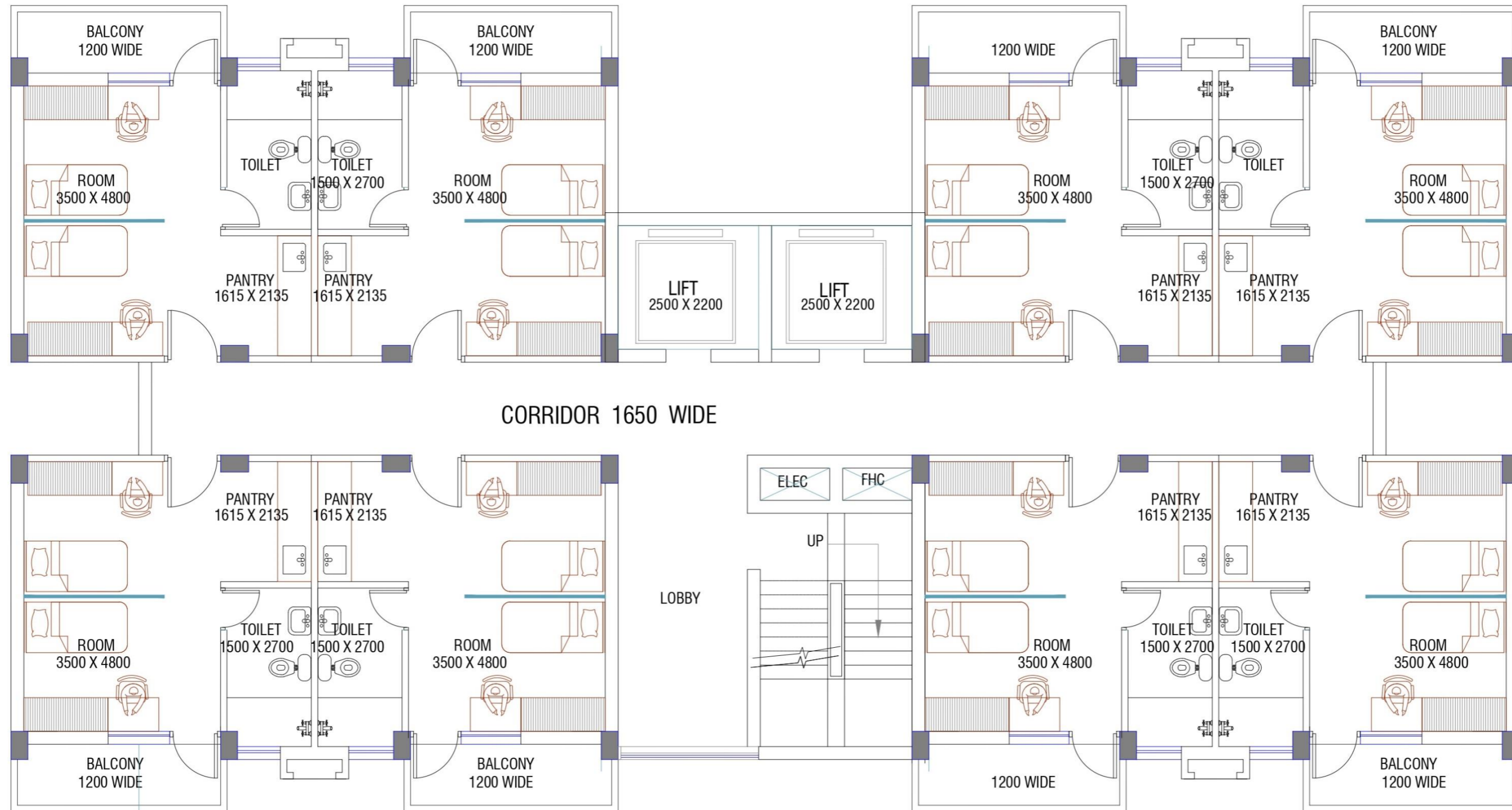
PROPOSED TECHNICIAN ACCOMODATION PERSPECTIVE FRONT VIEW



PROPOSED TECHNICIAN ACCOMODATION PERSPECTIVE SIDE VIEW



PROPOSED TECHNICIAN FEMALE ACCOMODATION TYPICAL FLOOR PLAN



TYPICAL FLOOR PLAN TECHNICIAN BLOCK (FEMALE)

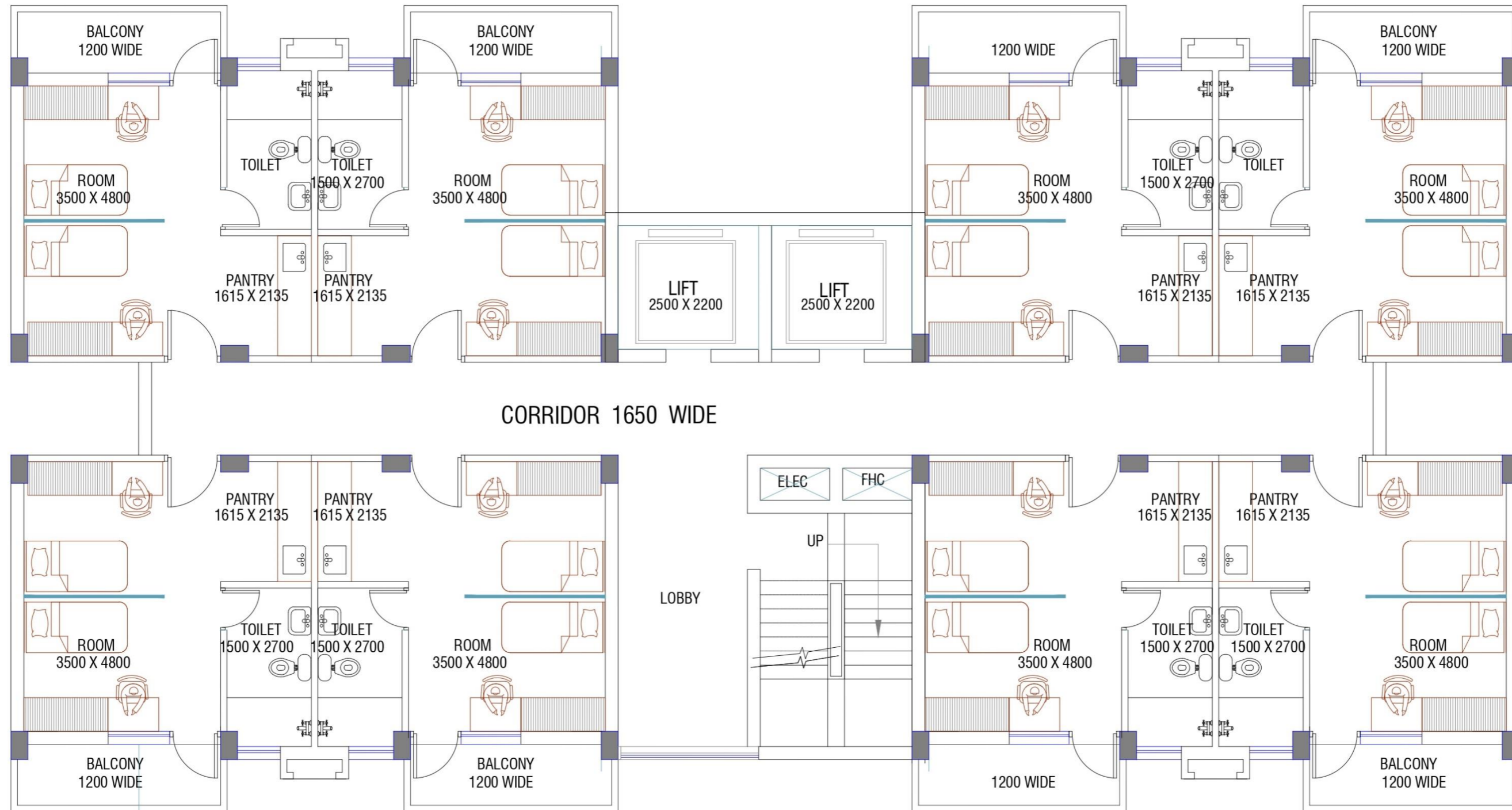
(GROUND TO FIFTH FLOOR)

8 UNITS(TWIN SHARING) EACH FLOOR TOTAL UNITS 48 NOS.

TOTAL ACCOMODATION 96

AREA 1850 SQMT EACH BLOCK

PROPOSED TECHNICIAN MALE ACCOMODATION TYPICAL FLOOR PLAN



TYPICAL FLOOR PLAN TECHNICIAN BLOCK (FEMALE)

(GROUND TO FIFTH FLOOR)

8 UNITS(TWIN SHARING) EACH FLOOR TOTAL UNITS 48 NOS.

TOTAL ACCOMODATION 96

AREA 1850 SQMT EACH BLOCK

PHOTOGRAPHS OF RESIDENTIAL ACCOMMODATION



PHOTOGRAPHS OF RESIDENTIAL ACCOMMODATION



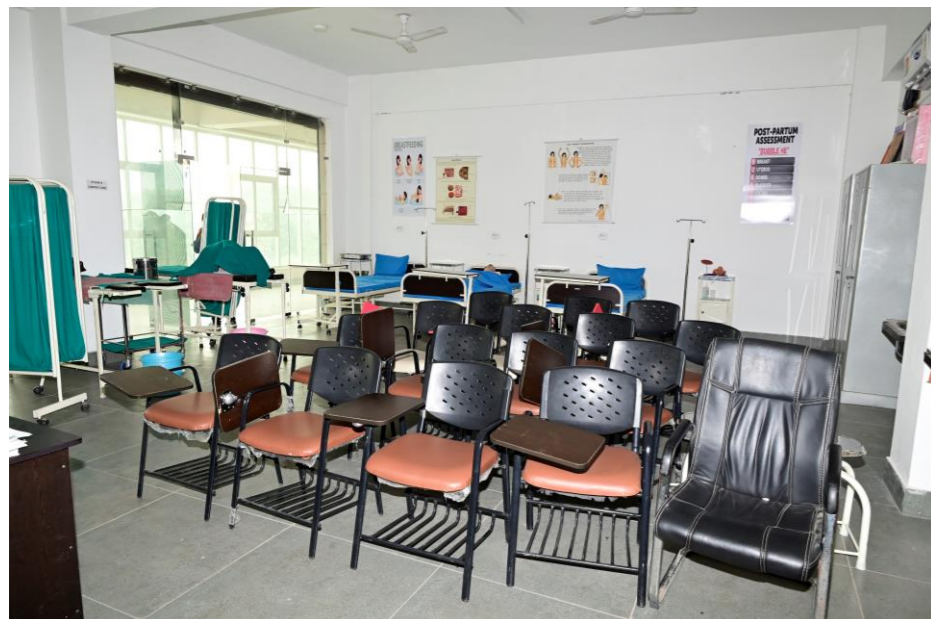
PHOTOGRAPHS OF RESIDENTIAL ACCOMMODATION



PHOTOGRAPHS OF RESIDENTIAL ACCOMMODATION



PHOTOGRAPHS OF NURSING COLLEGE



PHOTOGRAPHS OF LIBRARY





PHOTOGRAPHS OF AUDITORIUM



PHOTOGRAPHS OF MAKESHIFT MEDICAL COLLEGE

