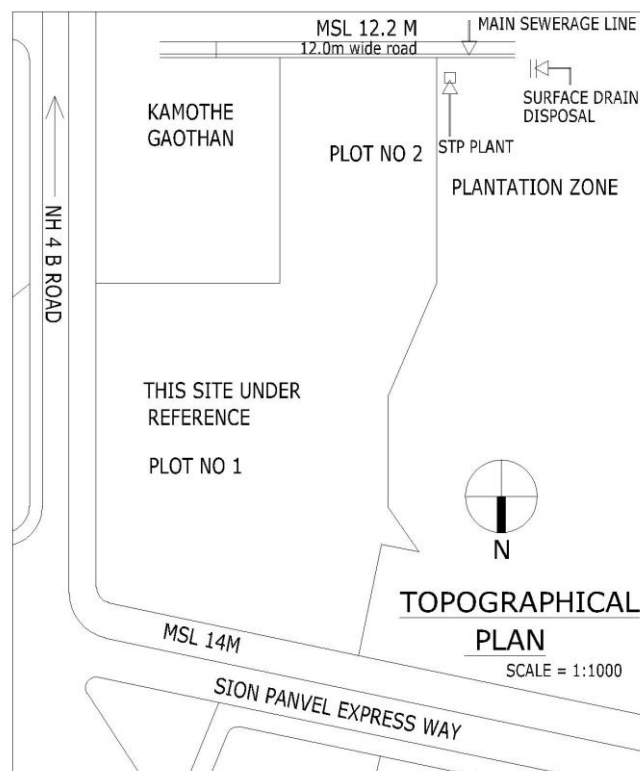


(a) **Topography :**

- MGM Medical College fronting on south side of NH4. The plot table spreaded from south to north having 2.0 m slope towards south and @ 1.2 m elevation from east to west. The front NH4 have MSL of 14.0 m and MGM Hospital have 14.60m plinth level. All campus building has similar plinth levels.



(b) **Plot size:**

- 8.01 hectares i.e., 80,001.25 sq.m.

(c) **Permissible Floor Space Index:**

- Present 0.75 i.e. 60,000.00 sq.m plus 15 % balcony coverage, fire escape staircase and main staircase lobby & lift. Additional FSI on premium available up to 1.5 i.e. 1,20,001.87 sq.m plus 15% balcony coverage, fire escape staircase and main staircase lobby & lift.

(d) **Ground Coverage:**

- 50 % (Fifty percent only)

(e) **Building Height:**

- 23.9 m approved by CIDCO, can be increased on approval.

**(f) Road access:**

- Fronting on 75 m wide Sion-Panvel Express Way with 12.0 m wide service road.

**(g) Availability of public transport:**

- Road Service : 24-hour road transport-taxi available on door State Transport, BEST & NMMT Bus services are available
- Railway : Local Railway Station Khandeshwar is 1 KM away from Campus which have axes to Mumbai CST and Western region.. Out station Trains are at Panvel Rly Station, 2 -3KM away from Campus
- Airport : International & domestic Airport is 35 km from the Campus.  
CIDCO's International Airport 7.5 km behind the Campus , work is in progress.

**(h) Electrical supply :**

- 22 KV substation with 650 KVA approved load 33 KV, 950 KVA approved from enhancement. Generator Back Services are available.

**(i) Water Supply :**

- 100 mm dia portable connection from CIDCO ltd.(metarable) 100 kilo litre discharge from 6m dia-12m deep well used for landscaped & 300 kilo litre treated water from STP for flushing & landscape.

**(j) Sewerage connection :**

- All sewerage led to slope to STP & leftout balance connected to CIDCO Trunk line.

**(k) Communication facilities:**

- All low voltage lines from MTNL, BSNL & TATA connected, Lease broadband connected.

### **The Location:**

- The Mahatma Gandhi Mission Trust have integrated bulk land campus on plot 1 & 2 having Plot Area 8.01 Hectares i.e. 80,001.25 sq.m on junction of NH4 (Mumbai-Bangalore) NH4(B) Mumbai-Goa and Sion-Panvel Express Way.
- The land component is well connected with motorable roads. The campus also has 12 m wide and 9 m wide internal road networking with parking lot of 300 four wheelers and 500 two wheelers. The campus has direct access from NH-4 as well as direct access to public transport towards Mumbai, Thane and Panvel. The Khandeshwar local railway station is 1.0 km away from the site. The trust also has own bus service up for students & staff up to Bandra, Mumbai.
- The campus has electric connection from main grid, with electric sub station of 650kva with approval of enhancement up to 950kva. The campus also has 500kva DG set for backup.
- The campus also has 100 dia. Portable water connection from CIDCO ltd. With underground storage capacity of 500 kilo-liter and over head water tank storage capacity of 300 kilo-liter. The campus also has sewage treatment plant to treat 400.00 kilolitre capacity. The campus also has well deigned surface water disposal system.
- The campus also have bulk plantation plot for oxygen pub for controlling environment.
- The campus has well connectivity through L.V. lines from MTNL, BSNL, Tata and dedicated broadband leased lines.
- The Medical college has 900 Bed strength hospital building in that MGM Hospital Kamothe is at main Campus has 610 beds and MGM Hospital Kalamboli at 1 KM behind the road with a bed strength of 190 Beds.
- The Medical College has an urban health center at MGM Hospital & Research Centre, CBD , 5 km from main campus The hospital also has 3 rural health centers in the periphery of 5 to 20 km distance.
- The hospital also has social/health check up mobile unit.
- The hospital caters fleet of ambulatory services for near by industrial zone like Rasayani (chemical zone), Taloza heavy industrial zone and Nova shera port trust.
- The campus also have student hostel building and staff housing.

**(a) Medical college** : Ground floor (4630.50 sq.m) + First floor 4630.50 sq.m) + Second Floor (3310.68 sq.m) + Third Floor (3310.68 sq.m)  
= **15880.00 sq.m(170932.32 sq.ft)**

**(b) Faculty & Staff housing** : The campus contain 2 nos. three bed apartments for Dean & RMO & 2 bedroom apartment for Professor & Reader & 1 bedroom apartment for Lecturer & Houseman. Ground floor (501.85 sq.m) + First floor 501.85 sq.m) + Second Floor (501.85 sq.m) + Third Floor (446.76 sq.m) + Fourth floor (501.85 sq.m) + Fifth Floor (501.85 sq.m) so  
**Total area = 2454.20 sq.m(26,407.19 sq.ft)**

**(c) Nursing hostel** : Basement floor(723.16 sq.m) + Ground floor (723.16 sq.m) + First floor 723.16 sq.m) + Second Floor (723.16 sq.m) + Third Floor (723.16 sq.m) + Fourth floor (723.16 sq.m) + Fifth Floor (723.16 sq.m) + Sixth floor(723.16 sq.m) so **Total area = 5785.28 sq.m(62249.6 sq.ft)**

**(d) Students' hostel**: The ground floor accommodate Kitchen, store, dining hall & entry lobby & lounge while upper floors (i.e. 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> & 5<sup>TH</sup>) are dedicated for rooms.

(1) Boys' Hostel :  
Ground floor (427.11 sq.m) + First floor 427.11 sq.m) + Second Floor (427.11 sq.m) + Third Floor (427.11 sq.m) + Fourth floor (427.11 sq.m) + Fifth Floor (427.11 sq.m) so **Total area = 2135.55 sq.m(22978.51 sq. ft)**  
(2) Girls' Hostel : Ground floor (427.11 sq.m) + First floor 427.11 sq.m) + Second Floor (427.11 sq.m) + Third Floor (427.11 sq.m) + Fourth floor (427.11 sq.m) + Fifth Floor (427.11 sq.m) so **Total area = 2135.55 sq.m(22978.51 sq. ft)**

**Total area= Boys' Hostel + Girls' Hostel**  
**= 2135.55 + 2135.55**  
**=4271.10 sq.m(45,957.00 sq.ft)**

**(e) Administrative office** : included in (a)

**(f) Library** -included in (a)

**(g) Auditorium** : included in (a)

**(h) Animal House** : **46.50 sq.m**

**(i) Mortuary** : **65.00 sq.m**

**(j) Cultural & recreational Center**: included in (a) & semi covered courts  
**(3605.18 sq.m)**

**(k) Sports complex** : main complex = 16560 sq.m

Play field = 4662.84 sq.m

**Total area = 21222.84 sq.m(228357.75 sq.ft)**

**(l) Incinator** : **150 sq.m(1614 sq.ft)**

**(m) Security Office** : **267.80 sq.m(2881.5 sq.ft)**

**(n) Electric Substation** : **89.25 sq.m(960 sq.ft)**

**(o) Pump room** : **36 sq.m(387.36 sq.ft)**

**(p) STP Plant** : **58.3 sq.m(627.3 sq.ft)**

## **Details of Existing Hospital**

### **(C) Hospital Built up area (Kamothe):**

- Ground floor (4475.00. sq.m) + First floor 4475.00. sq.m) + Second Floor (4475.00sq.m) + Third Floor (4475.00sq.m) + Fourth floor (1111.49 sq.m) + Fifth Floor (1111.49 sq.m) + Sixth Floor (1111.49 sq.m) = **Total area 21234.47 sq.m(228567.835 sq.ft)**

### **(C) Hospital Built up area (Kalamboli):**

- Ground floor (1100.00. sq.m) + First floor 1100.00. sq.m) + Second Floor (960.00sq.m) + Third Floor (621.00sq.m) = **Total area 3781.00 sq.m(40698.68 sq.ft)**

**(d) Clinical & Para clinical disciplines :** Included in (e)

### **(e) OPD Building :**

- (including OPD record + OPD + OT Complex + Hospital Administration & service & plant room ) = Basement floor (1206.60 sq.m)+Ground floor (1218.00 sq.m) + First floor (1340.0 sq.m) +Second Floor (1551.0 sq.m) + Third floor (1755.30 sq.m ) + Fourth floor ( 1317.93 sq.m ) = **Total Area 8388.83 sq.m(90897.366 sq.ft)**

### **(h) Capacity & configuration of Engineering Services:**

h1) The hospital building has Medical Gases, Suction & Compressed air plant.

h 2) The hospital building has Electrical substation & D.G. back up.

#### **h 3) U.G. Tank & supply pumps :**

- The hospital building has U.G. Tank & pump room for water supply 15 HP 2 nos. supply & 15 hp 2 nos. stand by.

#### **h 4) The hospital fire fighting system (protection) :**

- The entire campus have fire protection / fighting system as per National Building Code of India 2005. The Pump room have wet riser having main pumps of 75 HP 2 nos. & stand by pumps.

h 5) The hospital building has Diesel Fire Incinator.

h 6) The entire campus has sewerage treatment plant of 400 kilo-litre with ozonisation. The STP has pump room having variety of pumps of 5HP, 7.5 HP & 10 HP pumps.

h 7) **Vertical circulation:**

- The building has 20 passenger stretcher lifts 3 nos., 15 passenger lift (Hydraulic) 1 no. & 8 passenger elevator 2 nos. The medical collage building also has 2 elevators of 13 passengers, with lift machine room, its equipment & service area.

h 8)

- The campus has project & Maintenance civil engineering department with store & lab.

h 9)

- The campus have workshop & service center for mechanical equipment, electrical, sanitary & plumbing equipment.

h 10)

- The campus have HVAC Department & work shop for look after of window/split/package & central AC plants provided over different locations.

The MGM trust have planned expansion programme on approval of additional FSI of 0.75, which shall includes Trauma center, with superspeciality to add 100 more beds.residents doctors/married doctors staff hostel building & nurses hostel building.