

Your (**Half Yearly Compliance Report**) has been **Submitted** with following details

<b>Proposal No</b>	IA/DL/INFRA2/449804/2024
<b>Compliance ID</b>	658949778
<b>Compliance Number(For Tracking)</b>	EC/COMPLIANCE/658949778/2025
<b>Reporting Year</b>	2025
<b>Reporting Period</b>	01 Dec(01 Apr - 30 Sep)
<b>Submission Date</b>	28-11-2025
<b>RO/SRO Name</b>	Shri Satya Prakash Negi
<b>RO/SRO Email</b>	jhk119@ifs.nic.in
<b>State</b>	DELHI
<b>RO/SRO Office Address</b>	Integrated Regional Offices Lucknow

**Note:-** SMS and E-Mail has been sent to Shri Satya Prakash Negi, DELHI with Notification to Project Proponent.

मानव सेवा परमोधर्माः  
**NIROGI CHARITABLE & MEDICAL RESEARCH TRUST**

Registered Office: E-362, Second Floor, Nirman Vihar, Delhi -110092  
Correspondence Address: HPL -3, Community Facilities Complex, Mandawali, Delhi  
Ph.: +011 69025000, Email: [Finance.Nirogi@maxhealthcare.com](mailto:Finance.Nirogi@maxhealthcare.com)

Date- 18.11.2025

To,  
The Director (S)  
Ministry OF Environment, Forest & Climate Change (MoEF&CC)  
Regional Office (Central Region)  
Kendriya Bhawan, 5<sup>th</sup> Floor, Sector- H,  
Aliganj, Lucknow  
Uttar Pradesh.

**Subject: Submission of half-yearly compliance report in respect of stipulated conditions of Environmental Clearance of Nirogi Charitable and Medical Research Trust at Community Facility Institutional Complex, Mandawali Fazalpur, Patparganj, Delhi-110092**

Reference; - Environmental Clearance, vide. no- EC24C3804DL5173605N dated 11.12.2024

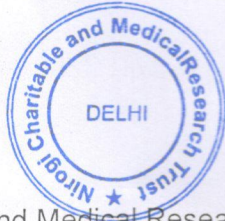
Dear Sir,

We are submitting the point wise compliance report against the stipulated condition of Environmental Clearance for the proposed expansion of Nirogi Charitable and Medical Research Trust at Community Facility Institutional Complex, Mandawali Fazalpur, Patparganj, Delhi-110092 This report is for the period of April-25 to Sep-25.

Kindly acknowledge the same.

Thanking You

Yours Faithfully  
For Nirogi Charitable and Medical Research Trust



CC-

1. The Member Secretary, State Environmental Impact Assessment Authority (SEIAA) – Delhi Office of Delhi Pollution Control Committee, 5<sup>th</sup> Floor, ISBT Building, Kashmere Gate, Delhi-110006
2. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.

Encl- As above

**Point wise compliance report for the period of**

**Apr'25 to Sep'25**

**For**

**Nirogi Charitable and Medical Research Trust at Community Facility**

**Institutional Complex, Mandawali Fazalpur, Patparganj, Delhi-110092**

**Half Yearly Compliance Report for period of Apr'25 – Sep' 25**

S.No.	Items	Details
1	Name of Project	Expansion of Nirogi Charitable and Medical Research Trust
2	Address of project authorities	<b>Project Address:</b> Community Facility Institutional Complex, Mandawali Fazalpur, Patparganj, Delhi <b>Corresponding Persons</b> Nirogi Charitable and Medical Research Trust. <b>Email:</b> <a href="mailto:Sustainability@maxhealthcare.com">Sustainability@maxhealthcare.com</a>
3	Environment Clearance letter no. & Date	EC24C3804DL5173605N dated 11.12.2024
4	Status of Project	Construction yet to be started.

**1. Specific Conditions****We didn't started any construction activities during the period of Apr'25 to Sep'25**

<b>Sr.No.</b>	<b>Condition</b>	<b>Status of Compliance</b>
<b>1.1</b>	The project proponent should adhere to the Cost of Environmental Monitoring as committed i.e. capital cost of Rs. 43 Lacs and recurring cost of Rs. 6 Lacs/ year during construction phase and capital cost of Rs. 286.7 Lacs and recurring cost of Rs. 49.87 Lacs/ year during operation phase.	This will be ensured.
<b>1.2</b>	PP shall provide for operation of a dual fuel-based Power Generation and make necessary arrangements for gas-based power sources during power cuts.	We are in discussion with OEM for feasibility of power generator sets and will update in coming compliance report we finalized the vendor.
<b>1.3</b>	PP is advised to make arrangement for solar power on the terrace of the proposed Hospital building.	This will be ensured.
<b>1.4</b>	PP has to abide by all the provisions of the C & D Waste Management Rules, 2016 (as amended).	Noted will be ensured. Construction yet to be started.
<b>1.5</b>	The PP should ensure that construction happens only during daytime.	Noted and ensured that construction will be happen in daytime only.
<b>1.6</b>	The project proponent strictly follows the local by-laws for the proposed project.	Noted and will be ensured.
<b>1.7</b>	The project proponent strictly follows the Graded Response Action Plan (GRAP) Guidelines for Delhi & NCR area.	Noted and will be ensured.
<b>1.8</b>	Only the treated water of STP should be used for construction purposes.	Noted and ensured that only treated water of STP will be used for construction purposes.
<b>1.9</b>	Bills/Receipt issued by Max Super Speciality Hospital (A Unit of Balaji Medical & Diagnostic Research Centre) against purchase of treated water from STP should be part of six-monthly EC compliance report.	Noted and will be ensured.
<b>1.10</b>	The project proponent shall adhere to the total water requirement - 433 KLD, Fresh water requirement 220 KLD, Treated water requirement -213 KLD from in-house STP shall be used for reuse & recycling in Flushing (80 KLD), DG Cooling/ HVAC (125 KLD), Gardening (8 KLD)) and excess	Noted and will be ensured.

	treated water (22 KLD) shall not be discharged into municipal sewer and PP shall explore the possibility to give excess treated waste water to nearby parks, service stations, bus depots, other construction projects etc	
<b>1.11</b>	As proposed, fresh water requirement shall not exceed 220 KLD. Occupancy Certificate shall be issued only after getting necessary permission for required water supply from Concerned Authority.	Noted will be ensured.
<b>1.12</b>	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/ reused for flushing, gardening, cooling etc.	Noted the sewage will be treated in the STP with tertiary treatment and the treated effluent from STP will reused for flushing, gardening and in cooling towers. Rest treated water will be discharged in public sewer with necessary approvals.
<b>1.13</b>	Advanced oxidation process should be used in STP and ETP to ensure proper treatment of drug residues and its metabolites.	Noted will be ensured.
<b>1.14</b>	The PP shall provide toxic gas (Combustible gas, Carbon dioxide and Hydrogen sulphide, Methane, VOCs, Ammonia) detectors for STP area.	Noted will be ensured.
<b>1.15</b>	Internet of Things (IoT) based Flow Meters/ Sensors should be installed to monitor consumption of fresh water as well as treated water and log book for these flow meters be maintained in a regular manner. Flow meters shall be installed at Inlet of STP, outlet of STP, inlet of flushing tanks, inlet of cooling water tanks and reuse line for horticulture purposes and at the outfall/ sewer connection to be provided only for emergency discharge purposes with prior intimation to regulatory authority. Calibration for all the Flow meters shall be maintained on quarterly basis.	Noted.
<b>1.16</b>	All sensor/meters-based equipment should be calibrated on quarterly basis.	Noted, all sensor/meters-based equipment will be calibrated as per applicable guidelines
<b>1.17</b>	Sensors to measure ground water level/Piezometers certified by CGWB should be installed by the PP immediately.	Noted will be ensured.

	<p>These piezometers should have IoT facility and send data to the server for storage. Weekly data from these piezometers should be submitted along with EC compliance report. Calibration of these sensors should be done once in 6 months. Data of these piezometers should be also be</p> <p>(a) Highlighted on PP website with monthly updation.</p> <p>(b) Shared with DJB (ground water division) on quarterly basis.</p>	
<b>1.18</b>	<p>No. of Rain water harvesting pit shall be 2 nos, and Rain water storage tank of capacity of min. 1 day of total fresh water requirement shall be provided. Boring for Rain Water Harvesting system should not be permitted/ done before completion of structure work. All recharge should be limited to shallow aquifer. Depth of boring should leave a buffer of atleast 5 m above ground water table.</p>	<p>2no. of rain water storage tank capacity of capacity of min. 1 day of total fresh water requirement and rain water harvesting will be as per DJB norms.</p>
<b>1.19</b>	<p>Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in organic waste converter. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from the project will be sent to dumping site.</p>	<p>Noted will be ensured.</p>
<b>1.20</b>	<p>PP shall dispose Bio-medical waste as per Bio Medical Waste Management Rules, 2016. Necessary agreement to be reached with the BMW waste management facility.</p>	<p>Noted.</p>
<b>1.21</b>	<p>Sludge from ETP to be sent to hazardous waste management service provider and necessary agreement has to be taken prior to operation of the project. Necessary agreement to be reached with the HWM waste management facility.</p>	<p>We will dispose the sludge through authorized channel and necessary agreement will be executed.</p>
<b>1.22</b>	<p>Construction &amp; Demolition waste should be disposed of at authorized C&amp;D waste collection centre/ processing unit. PP shall</p>	<p>Noted. Construction yet to be started.</p>

	ensure compliance of C&D waste Management rules, 2016. Necessary agreement to be reached with the C&D waste management facility.	
<b>1.23</b>	The PP shall store all the construction material within the project site. Provision shall be made for providing facilities such as mobile toilets, safe drinking water, medical healthcare, crèche etc for the construction workers hired locally.	Noted and will be ensured. Construction yet to be started.
<b>1.24</b>	Construction activities will be allowed only during day-time period.	Noted and will be ensured. Construction yet to be started.
<b>1.25</b>	The Project Proponent should take measures for control of Dust Pollution during construction phase in the Environmental Management Plan by taking measures as per MoEF&CC Notification No. GSR 94 (E) dated 25.01.2018/Hon'ble National Green Tribunal order in O.A. No.21 of 2014 and O.A. No. 95 of 2014 in the matter of Vardhaman Kaushik Vs. Union of India & others and Sanjay Kulshreshtha Vs Union of India & others, CAQM/CPCB/DPCC extant statutory orders/guidelines/directions issued time to time including registration/ self-audit on Dust Pollution Control Self- Assessment Portal with provision of video fencing and sensors for monitoring PM 2.5, PM 10. Atleast 04 Anti-Smog Gun shall be installed before starting the construction.	Noted and will be ensured. Construction yet to be started.
<b>1.26</b>	Wind- breaker of appropriate height i.e., 1/3rd of the building height and maximum up to 10 metres shall be provided all around the project site before the start of construction and demolition work. Regenerating plastic panels should be used instead of GI sheets.	We are in process for putting fencing of 10 meters.
<b>1.27</b>	The generator sets shall be installed as per extant directions of CPCB/CAQM with due compliances of directions issued under GRAP for Delhi & NCR.	Noted.

<b>1.28</b>	PP should install the air filters in the basement consisting of advanced adsorption technologies.	Noted.
<b>1.29</b>	PP to provide minimum 30% of total car parking requirement with electric charging facility by providing charging points at suitable places as committed. PP to ensure that this should be provided in AC/DC combination. In addition, provision should be made to allow extension of electric charging facility to all parking slots in the future.	Noted will ensured.
<b>1.30</b>	At least 6% (139.4 kWp) of the total energy demand to be sourced from Solar (Renewable) energy and PP shall try to enhance it further to 10% of the total energy demand.	Noted will be ensured.
<b>1.31</b>	Green building norms should be followed with minimum 4-star GRIHA/IGBC/ASSOCHAM-GEM rating.	Noted.
<b>1.32</b>	Energy audit shall be carried out periodically to review energy conservation measures.	Noted and ensured energy audits will be carried out periodically to review energy conservation measures.
<b>1.33</b>	Exposed roof area and covered parking should be covered with material having high solar reflective index.	Noted.
<b>1.34</b>	The sufficient mitigation measures must be taken by the PP to mitigate the effect of heat island.	This will be ensured.
<b>1.35</b>	Green belt development surrounding the site, avenue tree planting and garden development should commence from the beginning of the construction phase. Only indigenous species should be used for green belt and avenue trees.	Noted. Construction yet to be started.
<b>1.36</b>	Project Proponent shall strive to enhance the Green Belt beyond 15.44% and that the trees planted in this regard would be planted under the campaign "एक_पेड़_माँ_के_नाम" and the details of the trees planted would be uploaded on the portal <a href="https://merilife.nic.in">https://merilife.nic.in</a> .	We will maintain the green belt as per approved EC.
<b>1.37</b>	PP shall keep open space unpaved to the maximum extent possible so as to ensure permeability of water. However, whenever paving is deemed necessary, PP	Noted.

	to provide grass pavers of suitable types & strength to increase the water permeable area as well as to allow effective fire tender movement and shall keep atleast 10% of the plot area as pervious.	
<b>1.38</b>	The cost of Environment Management Plan should be distinctly allocated in the budget of the project and details of the same along with time frame of the implementation should be reported in six monthly monitoring reports.	This will be ensured.
<b>1.39</b>	The Environment Management Cell consisting of 1 Director, 1 Senior Environment Expert, 1 Junior Environment Expert having specific knowledge and experience related to environmental safeguards/ air/ water pollution shall be created and made functional before commissioning of the proposed development.	The environment cell is being headed by Senior VP-Projects following with these members'  <ul style="list-style-type: none"> <li>- DGM Environment</li> <li>- AGM/DGM-Project</li> <li>- Project Head of Construction company</li> </ul>
<b>1.40</b>	In view of MoEF&CC Office Memorandum No. 21-270/2008-IA.III dated 19.06.2013 read with MoEF&CC Office Memorandum No. 22-154/2015-IA,III dated 10.11.2015, this environmental clearance is granted focusing only on the environment concerns. The project will be regulated by the concerned local Civic Authorities under the provisions of the relevant provisions of the extant MPD-2021, Building Control Regulations and Safety Regulations.	Noted.
<b>1.41</b>	The Environmental Clearance is subject to the condition that concerned local civic agencies will give the permission for use/ occupation of the building only after the written assurance of DIAL/DJB/ New Delhi Municipal Council/other such local civic authority (as the case may be) regarding supply of adequate water for the residents/occupiers.	Noted.
<b>1.42</b>	Grant of environmental clearance does not necessarily implies that water/ power supply shall be granted to the project and that their proposals for water/ power supply shall be considered by the respective authorities on their merits and decision taking.	Noted.

<b>1. Statutory Compliance</b>		
<b>1.1</b>	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.	Noted and will be ensured. Construction yet to be started.
<b>1.2</b>	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.	This will be ensured. A detailed structural safety measures will be shared in next compliance report.
<b>1.3</b>	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.	Noted
<b>1.4</b>	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not applicable.
<b>1.5</b>	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.	CTE has been obtained form DPCC vide no. DPCC/CMC/2024/11909445 Dated 13.01.2025 valid till 23/12/2028.  Copy of CTE attached as <b>Annexure-1.</b>
<b>1.6</b>	The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.	Noted will be ensured.
<b>1.7</b>	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.	We obtained the adequacy letter from discom agency. Copy of assurance letter is attached as <b>Annexure-2.</b>
<b>1.8</b>	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.	This will be ensured.
<b>1.9</b>	The provisions of the Solid Waste Management Rules, 2016, e-Waste	Noted will be ensured.

	(Management) Rules, 2016, and the Plastics Waste Management Rules, 2016, shall be followed.	
<b>1.10</b>	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.	This hospital is being designed as per ECBC compliance.
<b>2. Air Quality Monitoring And Preservation</b>		
<b>2.1</b>	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.	Noted and will be ensured. Construction yet to be started.
<b>2.2</b>	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	Noted and will be ensured. Construction yet to be started.
<b>2.3</b>	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.	Noted and will be ensured. Construction yet to be started.
<b>2.4</b>	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.	Noted and will be ensured. Construction yet to be started.
<b>2.5</b>	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height).	Noted and will be ensured. Construction yet to be started.

	Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.	
<b>2.6</b>	Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.	Noted and will be ensured. Construction yet to be started.
<b>2.7</b>	Wet jet shall be provided for grinding and stone cutting.	Noted and will be ensured. Construction yet to be started.
<b>2.8</b>	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	Noted and will be ensured. Construction yet to be started.
<b>2.9</b>	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Management Rules 2016.	Noted and will be ensured. Construction yet to be started.
<b>2.10</b>	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.	Noted and will be ensured. Construction yet to be started.
<b>2.11</b>	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.	Noted and will be ensured. Construction yet to be started.
<b>2.12</b>	For indoor air quality the ventilation provisions as per National Building Code of India.	Noted and will be ensured. Construction yet to be started.
<b>3. Water Quality Monitoring And Preservation</b>		
<b>3.1</b>	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and	Noted and will be ensured.

	other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.	
<b>3.2</b>	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.	Noted and will be ensured.
<b>3.3</b>	Total fresh water use shall not exceed the proposed requirement as provided in the project details.	Noted and will be ensured.
<b>3.4</b>	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	Noted will be ensured.
<b>3.5</b>	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.	Noted will be ensured.
<b>3.6</b>	At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.	Noted will be ensured.
<b>3.7</b>	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.	Noted will be ensured.
<b>3.8</b>	Use of water saving devices/fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.	Noted will be ensured.
<b>3.9</b>	Separation of grey and black water should be done by the use of dual plumbing	Noted will be ensured.

	system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.	
<b>3.10</b>	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Noted will be ensured.
<b>3.11</b>	The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.	Noted will be ensured.
<b>3.12</b>	A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built-up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.	Noted will be ensured.
<b>3.13</b>	All recharge should be limited to shallow aquifer.	Noted will be ensured.
<b>3.14</b>	No ground water shall be used during construction phase of the project.	Noted will be ensured.
<b>3.15</b>	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.	Noted will be ensured.
<b>3.16</b>	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	Noted will be ensured.

<b>3.17</b>	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.	Noted will be ensured.
<b>3.18</b>	No sewage or untreated effluent water would be discharged through storm water drains.	Noted will be ensured.
<b>3.19</b>	Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.	Noted will be ensured.
<b>3.20</b>	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.	Noted will be ensured.
<b>3.21</b>	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.	Noted will be ensured.
<b>4. Noise Monitoring And Prevention</b>		
<b>4.1</b>	Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made	Noted will be ensured.

	to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.	
<b>4.2</b>	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Noted will be ensured.
<b>4.3</b>	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.	Noted will be ensured.
<b>5. Energy Conservation Measures</b>		
<b>5.1</b>	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.	Noted will be ensured.
<b>5.2</b>	Outdoor and common area lighting shall be LED.	Noted will be ensured.
<b>5.3</b>	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.	Noted will be ensured.
<b>5.4</b>	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.	Noted will be ensured.
<b>5.5</b>	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.	Noted will be ensured.
<b>5.6</b>	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be	Noted will be ensured.

	installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.	
<b>6. Waste Management</b>		
<b>6.1</b>	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.	Noted will be ensured.
<b>6.2</b>	Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	Noted will be ensured. Construction work yet to be started.
<b>6.3</b>	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.	Noted will be ensured.
<b>6.4</b>	Organic waste compost/Vermiculture pit/Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.	Noted will be ensured.
<b>6.5</b>	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.	Noted will be ensured. Construction yet to be started.
<b>6.6</b>	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.	Noted will be ensured. Construction yet to be started.
<b>6.7</b>	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks,	Noted will be ensured. Construction yet to be started.

	Compressed earth blocks, and other environment friendly materials.	
<b>6.8</b>	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.	Noted will be ensured. Construction yet to be started.
<b>6.9</b>	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.	Noted will be ensured. Construction yet to be started.
<b>6.10</b>	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.	Noted will be ensured. Construction yet to be started.
<b>7. Green Cover</b>		
<b>7.1</b>	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).	Noted.
<b>7.2</b>	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.	This will be ensured.
<b>7.3</b>	Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided	This will be ensured after the approval from the concerned Authority.

	as per the details provided in the project document.	
<b>7.4</b>	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.	This will be ensured. Construction yet to be started.
<b>8. Transport</b>		
<b>8.1</b>	A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria. a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. b. Traffic calming measures. c. Proper design of entry and exit points. d. Parking norms as per local regulation.	Noted will be ensured. Construction yet to be started.
<b>8.2</b>	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.	Noted will be ensured. Construction yet to be started.
<b>9.1</b>	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./	Detailed traffic study is attached as <b>Annexure-3</b>

	competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.	
<b>10. Human Health Issues</b>		
<b>10.1</b>	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.	This will be ensured. Construction yet to be started.
<b>10.2</b>	For indoor air quality the ventilation provisions as per National Building Code of India.	Noted will be ensured.
<b>10.3</b>	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Noted. Construction yet to be started.
<b>10.4</b>	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Noted and this will be ensured. Construction yet to be started.
<b>10.5</b>	Occupational health surveillance of the workers shall be done on a regular basis.	Noted and this will be ensured. Construction yet to be started.
<b>10.6</b>	A First Aid Room shall be provided in the project both during construction and operations of the project.	This will be ensured. Construction yet to be started.
<b>11. Miscellaneous</b>		
<b>11.1</b>	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.	Advertisement is done in the two local newspapers.  Copy of the advertisement attached as <b>Annexure-4</b> .
<b>11.2</b>	ii. environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and	Noted.

	Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	
<b>11.3</b>	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Noted and will be ensured.
<b>11.4</b>	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Noted.
<b>11.5</b>	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	Noted.
<b>11.6</b>	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.	Noted.
<b>11.7</b>	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection	Noted and will be ensured.

	measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.	
<b>11.8</b>	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Noted and will be ensured.
<b>11.9</b>	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Noted.
<b>11.10</b>	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted.
<b>11.11</b>	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during their presentation to the Expert Appraisal Committee.	Noted.
<b>11.12</b>	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).	Noted.
<b>11.13</b>	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted.
<b>11.14</b>	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted.
<b>11.15</b>	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted.

<b>11.16</b>	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	Noted.
<b>11.17</b>	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	Noted.
<b>11.18</b>	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.



## DELHI POLLUTION CONTROL COMMITTEE

(Government of N.C.T. of Delhi) 4th & 5th Floor, ISBT Building  
Kashmere Gate, Delhi 110006  
(Visit us at <https://www.dpccocmms.nic.in>)



### CONSENT ORDER

Certificate No. : G-45894

Name of the unit	:	NIROGI CHARITABLE AND MEDICAL RESEARCH TRUST
Address	:	Community Facility Institutional Complex, Mandawali Fazalpur, Patparganj, Delhi, Health Care Facility, Delhi -
Area	:	Non Industrial
Area Name	:	Health Care Facility
Consent Order No	:	DPCC/CMC/2024/11909445
Date of issue	:	13/01/2025
Product Name	:	[NA As it is Hospital Project]
Product Capacity	:	0 Metric Tonnes/Day
Fuel Type	:	High Speed Diesel   C: 1.5   Q: 170
Control Equipment	:	Other
ETP Details	:	D.Capacity: 25 KLD   Type: ETP (Physiochemical)
Stack Details	:	11909742   AT: DG set (more than 800 KW)   H: 50.95
Activity Name	:	Health Care Establishments (365 Bedded HCF)
Category	:	[RED]
Generator Set(s)	:	1500

This Consent to **Establish** is hereby granted under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 under **OTHER** Category. This consent is subjected to terms and conditions specified overleaf. **This is being issued with reference to your application id 11909445 valid from 24/12/2024 to 23/12/2028.**

Meghraj  
Singh Rawat  
Senior Environmental Engineer

Digitally signed by  
Meghraj Singh Rawat  
Date: 2025.01.13  
16:27:28 +05'30'

## Terms and Conditions

1. The Consentee shall meet the effluent standards i.e. pH = 6.5 – 9.0, Suspended Solids = 100 mg/l, Oil and Grease = 10 mg/l, Bio-chemical Oxygen Demand (BOD) = 30 mg/l, Chemical Oxygen Demand (COD) = 250 mg/l, Bio-assay Test (Percentage survival of fish after 96 hours in 100% effluent) = 90-100 %.
2. The Consent is activity specific and based on the information provided in the consent application along with the subsequent documents/ information submitted to Delhi Pollution Control Committee (DPCC). The Consentee shall apply for fresh consent in case of any change in the activity/ manufacturing process.
3. The Consentee shall display the Name of the unit along with its Address, name of the Proprietor /Directors/ Partners etc., Contact Phone No(s) and its Activities/ Processes/ Products on a Display Board to be placed / fixed at the main gate of the unit.
4. The Consentee/ unit shall have/ take separate Electricity/ Power connection in its name and shall have/ install separate meter in this regard.
5. The Consentee shall provide and maintain a separate drainage system for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system and shall be connected to the conveyance system/ sewerage system of the area leading to the Common Effluent Treatment Plant of the Industrial Area/ Sewage Treatment Plant of the catchment area.
6. The Consentee shall obtain permission from Delhi Jal Board for ground water extraction, if any, as per the various orders/ Notification of Govt. of NCT of Delhi. The Consentee shall not extract the groundwater without obtaining prior permission in this regard from DJB/ CGWA. The Consentee shall ensure that there is no bore well in the premises and if exist, the same shall be closed/ sealed with immediate effect till permission received from DJB/ CGWA.
7. The Consentee shall ensure proper channelization/ control system for fugitive emissions generated from the various activities/ processes of the unit and maintain good housekeeping practices so as to maintain a clean & safe environment in and around the premises of the unit.
8. The Consentee shall comply with the noise standards laid down vide Gazette Notification of Ministry of Environment and Forest (MoEF), Government of India Dated 17.05.2002 & 12.07.2004, as amended to date, for the Diesel Generator Set(s) and shall also comply with the Emission Standards prescribed for Diesel Engines [(Engine rating more than 0.8 MW) for Power Plant, Generator Set applications and other requirements], if any, as per the Gazette Notification of MoEF, Dated 09.07.2002, as amended to date. Stack Height for sets (Engine rating more than 0.8 MW) commissioned after 01.07.2003 shall be maximum of following:
  - a). Minimum 6 metre above the building where generator set is installed
  - b). 30 metre
  - c).  $14Q^{0.3}$  (Q- Total SO<sub>2</sub> emission from the plant in kg/hr) and for other DG Set(s) (upto 0.8 MW) stack height shall be as per the following formula,  $H = h + 0.2(KVA)^{0.5}$  (H- Total Height of stack in metre, h = Height of the building in metres where the Generator Set is installed, KVA - Total Generator capacity of the set in KVA).
9. The Consentee needs to comply with the directions of CAQM (Commission for Air Quality Management In National Capital Region and Adjoining Areas) issued from time to time regarding Generator Sets, Graded Response Action Plan (GRAP) & other necessary directions if applicable.

10. The Consentee shall comply with the provisions of Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 as amended to date, Bio-medical Waste Management Rules, 2016 as amended to date, Plastic Waste Management Rules, 2016 as amended to date, Battery Waste Management Rules, 2022 as amended to date, Solid Waste Management Rules, 2016 as amended to date, Construction and Demolition Waste Management Rules, 2016 as amended to date, E-Waste (Management) Rules, 2022 as amended to date, the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989, as amended to date, wherever applicable. All such wastes generated from the unit will be managed and handled as per the provisions of the said Rules and will be disposed off only through the Recycler/ Preprocessors/ Authorised Agencies for such wastes, authorised by MoEF/ Central Pollution Control Board/ State Pollution Control Board/ Committee/ DPCC as per details available on their websites.
11. The Consentee shall comply the other prescribed standards of Effluent/ Emissions as prescribed and as applicable under the provisions of the Environment (Protection) Act, 1986, as amended to date and the various Rules made there under including the Noise Pollution (Regulation and Control) Rules, 2000 as amended to date.
12. The Consentee shall promote the use of LED and recovery of mercury from CFL Lamps and should create a system of replacing old bulbs for new to enable recovery of mercury after the bulbs are fused.
13. Total water demand of the HCF is expected to be 433 KLD and the same will be met by fresh water from DJB (220 KLD) and Recycled Water (213 KLD). Waste Water generated from laundry and medical uses will be 20 KLD which will be treated in ETP of 25 KLD. Wastewater generation will be 245 KLD and will be treated in STP of 300 KLD. Wastewater generated will be treated in STP of 300 KLD to meet prescribed standard as given in this consent order.
14. Sludge from Effluent Treatment Plant shall be given to common bio-medical waste treatment facility for incineration or to hazardous waste treatment, storage and disposal facility for disposal.
15. The zero wastewater discharge condition to be achieved with installation of onsite Sewage Treatment Plant. Trade effluent shall conform to the norms and standards prescribed by Delhi Pollution Control Committee. The STP should be certified by an independent expert and a report in this regard should be submitted to Delhi Pollution Control Committee before the project is commissioned for operation. Necessary measures should be made to mitigate the odour problem from STP.
16. Quantity of Sewage/ trade effluent discharge from the unit shall not exceed Nil litre/day (100 % wastewater recycling and zero wastewater discharge).
17. The treated wastewater of STP shall be recycled and reused for horticulture/ landscaping/ cooling/ flushing purposes to reduce the demand of fresh water as committed.
18. The Project Proponent shall provide electromagnetic flow meter at the inlet and outlet of the water supply, inlet and outlet of the STP and any pipeline to be used for re-using the treated wastewater back into the system for cooling, flushing and for horticulture purpose/ green etc. and shall maintain a record of readings of each such meter on daily basis.
19. The quantity of fresh water usage and water recycling shall be measured and recorded to monitor the water balance as projected by the Project Proponent. The record shall be submitted to the Delhi Pollution Control Committee on six monthly basis. The water requirement shall be met from the sources as per the details mentioned in the Environmental Clearance and fresh water requirement shall not exceed 220 KLD during the operation phase of the HCF.

20. Capacities of the Diesel Generator Set(s) installed in the HCF are 2\*1500. The Consentee shall properly maintain the Acoustic Enclosure/ Acoustic Treated room for DG Set(s) in good condition and maintain the adequate stack height for DG Set(s) to meet the prescribed standards/ norms as mentioned above. The Consentee shall not operate the DG Set(s) till compliance of the prescribed norms/standards for DG Sets.
21. The Consentee shall comply with the applicable provisions/ Directions given vide Gazette Notification of Department of Environment, Govt. of NCT of Delhi, dated 23.10.2012 including the directions that no person shall manufacture, import, store, sell or transport any kind of plastic carry bags (including that of PolyPropylene, Non-woven fabric type carry bags) in the whole of National Capital Territory of Delhi if applicable.
22. The Consentee shall provide widespread Green Cover and the use of Fly Ash as per Fly Ash notification dated 14.09.1999 shall be mandatory.
23. Project Proponent will ensure use of Ozone Depletion Substances (ODS) free appliances so that no toxic gases in air conditioning/ refrigeration/ fire extinguishers are created.
24. During the Construction Phase for Control of dust pollution all precautionary measure should be ensured in compliance of Hon'ble National Green Tribunal order dated 04.12.2014 in the matter of Vardhaman Kaushik Vs. Union of India & Ors. and Sanjay Kulshrestha Vs. Union of India & Ors. and as notified by MoEF&CC, GOI vide Notification No. G.S.R. 94(E) dated 25.01.2018. Consentee shall use Anti-Smog Gun(s) compulsorily for undertaking construction & demolition activity including excavation, material handling and other dust generating activities for compliance of Hon'ble Supreme Court orders dated 13.01.2020 in WPC No. 13029/1985 titled M.C. Mehta Vs. Union of India & Ors.
25. It will be the responsibility of the Project Proponent to obtain prior clearances/ approval and ensure compliances under all other relevant Acts/ Rules/ Regulations/ Guidelines/ Instructions/ Court Orders/ Tribunal Orders as applicable to this Health Care Facility (HCF).
26. The Consentee shall not carry out any activity falling under the Prohibited/ Negative list of Industries (Annexure III of MPD -2021) which are prohibited in National Capital Territory of Delhi, as per Master Plan of Delhi.
27. Unit shall implement the environmental safeguards as per stipulations in Environmental Clearance issued by MoEF&CC and shall submit a half yearly compliance report in respect of terms and conditions of Environmental Clearance to Regional Office of MoEF&CC and simultaneously to DPCC on the prescribed date.
28. The Consentee shall switch over its fuel to PNG fuel (wherever the PNG fuel pipeline supplied by IGL) with immediate effect and submit the compliance report within 30 days of issuance of this consent order.
29. The Consentee shall submit an application for extension of the Consent to Establish/ Consent to Operate under Water and Air Acts & Authorization under BWM Rules, 2016 one month in advance of the expiry date of this Consent Order/ date of start of operation of the HCF.
30. This consent is being granted focusing only on the Water Act 1974/ Air Act 1981. The project will be regulated by the concerned local Civic Authorities under the provisions of the relevant provisions of the extant MPD-2021, Building Control Regulations and Safety Regulations. The investment made in the project, if any, based on Consent so granted, in anticipation of the clearance from other statutory authorities shall be entirely at the cost and risk of the project proponent, DPCC shall not be responsible in this regard in any manner.

31. The Consentee is allowed to run the pollution control devices and collect and test the data. The trial for these aforesaid purposes is permitted within the period of maximum three months from the date of completion. The Consentee shall give prior intimation to DPCC, of the dates on which trial would start and end. Thereafter Project Proponent shall apply for Consent to Operate along with requisite details and test reports to DPCC.
32. The Consentee shall abide by the Guidelines on Environmental Management of Construction and Demolition (C&D) Waste and Guidelines on Dust Mitigation Measure in Handling Construction Material and C&D waste developed and published by CPCB available at [www.cpcb.nic.in](http://www.cpcb.nic.in)
33. The Consentee shall display the enclosed template of Notice for Construction and Demolition Waste Management at the site.
34. The Consentee shall ensure the compliance of policy to be followed regarding operation of Ready Mix Concrete Plants (RMC Plants) issued vide office order No. DPCC/CMC I/RMC/2017/2596 to 2614 dated 27.12.2017 (available at DPCC website).
35. In the event of any information furnished by the Consentee found to be false OR in case of failure to comply with any of the above mentioned consent conditions, consent granted through this Consent Order shall be deemed to be revoked without any notice and necessary action as per law shall be taken, which may include closure of the unit and prosecution for wrong declaration.
36. Notwithstanding anything contained in this Consent Order. Delhi Pollution Control Committee, reserves its right to review any/ or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of enforcement of the Air (Prevention and Control of Pollution) Act, 1981, as amended to date and the Water (Prevention and Control of Pollution) Act, 1974, as amended to date.
37. The Consent granted to the Consentee is to ensure control of pollution from the premises of the unit in accordance with various Pollution Control Laws and in no way confers the right to the Consentee / unit to exist in violation of other laws and statutory provisions including the Master Plan of Delhi.
38. The Consentee shall ensure the safeguards as envisaged in Environmental Clearance issued to M/s Nirogi Charitable and Medical Research Trust dated 11.12.2024 including the dust control measures during the construction stage.
39. This issue in view of the Office Order dated 12.04.2016 regarding processing of the Consent to Establish cases.

Template for displaying notice w.r.t. Condition No. 33 to be displayed on board of size 6 feet X 4 feet.  
Background color - Yellow, Letters - Black

**NOTICE**

(Construction and Demolition waste management rule 2016)

The construction/Demolition site is authorized by... Vide file no... Dated.....

1. Name and Address with contact number of contractor/developer
2. Address of the site
3. Area/length
4. Date of initiation of the project (dd/mm/yy)
5. Scheduled completion date of the project (dd/mm/yy)
6. Details date of completion/disposal/clearing of the site (dd/mm/yy)
7. Estimated waste (TPD)
8. Total estimated waste (MT) for the entire project
9. Nature of waste (concrete/iron/plastic/soil) (TPD)
10. Material Generated Recycled Reused Disposed  
Sand -----  
Concrete -----
11. Identified waste disposal site
12. Mode of utilization of waste (reuse/recycle/convertng to construction material)
13. Mode of disposal
14. Mode of handling and transportation (manual/mechanical/pneumatic)(by road/rail)
15. Dust mitigation measures at the site (water sprinkling/curtain/barrister)
16. Reason of delay in disposing waste (in any)
17. Accidents reported (in any)  
Name of Agency Owner  
Telephone number



## DELHI POLLUTION CONTROL COMMITTEE

(Government of N.C.T. of Delhi) 4th & 5th Floor, ISBT Building  
Kashmere Gate, Delhi 110006  
(Visit us at <https://www.dpccocmms.nic.in>)



### CONSENT ORDER

Certificate No. : G-45894

Name of the unit	:	NIROGI CHARITABLE AND MEDICAL RESEARCH TRUST
Address	:	Community Facility Institutional Complex, Mandawali Fazalpur, Patparganj, Delhi, Health Care Facility, Delhi -
Area	:	Non Industrial
Area Name	:	Health Care Facility
Consent Order No	:	DPCC/CMC/2024/11909445
Date of issue	:	13/01/2025
Product Name	:	[NA As it is Hospital Project]
Product Capacity	:	0 Metric Tonnes/Day
Fuel Type	:	High Speed Diesel   C: 1.5   Q: 170
Control Equipment	:	Other
ETP Details	:	D.Capacity: 25 KLD   Type: ETP (Physiochemical)
Stack Details	:	11909742   AT: DG set (more than 800 KW)   H: 50.95
Activity Name	:	Health Care Establishments (365 Bedded HCF)
Category	:	[RED]
Generator Set(s)	:	1500

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Meghraj  
Singh Rawat  
Senior Environmental Engineer

Digitally signed by  
Meghraj Singh Rawat  
Date: 2025.01.13  
16:27:28 +05'30'

## Terms and Conditions

1. The Consentee shall meet the effluent standards i.e. pH = 6.5 – 9.0, Suspended Solids = 100 mg/l, Oil and Grease = 10 mg/l, Bio-chemical Oxygen Demand (BOD) = 30 mg/l, Chemical Oxygen Demand (COD) = 250 mg/l, Bio-assay Test (Percentage survival of fish after 96 hours in 100% effluent) = 90-100 %.
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6. The Consentee shall obtain permission from Delhi Jal Board for ground water extraction, if any, as per the various orders/ Notification of Govt. of NCT of Delhi. The Consentee shall not extract the groundwater without obtaining prior permission in this regard from DJB/ CGWA. The Consentee shall ensure that there is no bore well in the premises and if exist, the same shall be closed/ sealed with immediate effect till permission received from DJB/ CGWA.
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8. The Consentee shall comply with the noise standards laid down vide Gazette Notification of Ministry of Environment and Forest (MoEF), Government of India Dated 17.05.2002 & 12.07.2004, as amended to date, for the Diesel Generator Set(s) and shall also comply with the Emission Standards prescribed for Diesel Engines [(Engine rating more than 0.8 MW) for Power Plant, Generator Set applications and other requirements], if any, as per the Gazette Notification of MoEF, Dated 09.07.2002, as amended to date. Stack Height for sets (Engine rating more than 0.8 MW) commissioned after 01.07.2003 shall be maximum of following:
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  - c).  $14Q^{0.3}$  (Q- Total SO<sub>2</sub> emission from the plant in kg/hr) and for other DG Set(s) (upto 0.8 MW) stack height shall be as per the following formula,  $H = h + 0.2(KVA)^{0.5}$  (H- Total Height of stack in metre, h = Height of the building in metres where the Generator Set is installed, KVA - Total Generator capacity of the set in KVA).
9. The Consentee needs to comply with the directions of CAQM (Commission for Air Quality Management In National Capital Region and Adjoining Areas) issued from time to time regarding Generator Sets, Graded Response Action Plan (GRAP) & other necessary directions if applicable.

10. The Consentee shall comply with the provisions of Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 as amended to date, Bio-medical Waste Management Rules, 2016 as amended to date, Plastic Waste Management Rules, 2016 as amended to date, Battery Waste Management Rules, 2022 as amended to date, Solid Waste Management Rules, 2016 as amended to date, Construction and Demolition Waste Management Rules, 2016 as amended to date, E-Waste (Management) Rules, 2022 as amended to date, the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989, as amended to date, wherever applicable. All such wastes generated from the unit will be managed and handled as per the provisions of the said Rules and will be disposed off only through the Recycler/ Preprocessors/ Authorised Agencies for such wastes, authorised by MoEF/ Central Pollution Control Board/ State Pollution Control Board/ Committee/ DPCC as per details available on their websites.
11. The Consentee shall comply the other prescribed standards of Effluent/ Emissions as prescribed and as applicable under the provisions of the Environment (Protection) Act, 1986, as amended to date and the various Rules made there under including the Noise Pollution (Regulation and Control) Rules, 2000 as amended to date.
12. The Consentee shall promote the use of LED and recovery of mercury from CFL Lamps and should create a system of replacing old bulbs for new to enable recovery of mercury after the bulbs are fused.
13. Total water demand of the HCF is expected to be 433 KLD and the same will be met by fresh water from DJB (220 KLD) and Recycled Water (213 KLD). Waste Water generated from laundry and medical uses will be 20 KLD which will be treated in ETP of 25 KLD. Wastewater generation will be 245 KLD and will be treated in STP of 300 KLD. Wastewater generated will be treated in STP of 300 KLD to meet prescribed standard as given in this consent order.
14. Sludge from Effluent Treatment Plant shall be given to common bio-medical waste treatment facility for incineration or to hazardous waste treatment, storage and disposal facility for disposal.
15. The zero wastewater discharge condition to be achieved with installation of onsite Sewage Treatment Plant. Trade effluent shall conform to the norms and standards prescribed by Delhi Pollution Control Committee. The STP should be certified by an independent expert and a report in this regard should be submitted to Delhi Pollution Control Committee before the project is commissioned for operation. Necessary measures should be made to mitigate the odour problem from STP.
16. Quantity of Sewage/ trade effluent discharge from the unit shall not exceed Nil litre/day (100 % wastewater recycling and zero wastewater discharge).
17. The treated wastewater of STP shall be recycled and reused for horticulture/ landscaping/ cooling/ flushing purposes to reduce the demand of fresh water as committed.
18. The Project Proponent shall provide electromagnetic flow meter at the inlet and outlet of the water supply, inlet and outlet of the STP and any pipeline to be used for re-using the treated wastewater back into the system for cooling, flushing and for horticulture purpose/ green etc. and shall maintain a record of readings of each such meter on daily basis.
19. The quantity of fresh water usage and water recycling shall be measured and recorded to monitor the water balance as projected by the Project Proponent. The record shall be submitted to the Delhi Pollution Control Committee on six monthly basis. The water requirement shall be met from the sources as per the details mentioned in the Environmental Clearance and fresh water requirement shall not exceed 220 KLD during the operation phase of the HCF.

20. Capacities of the Diesel Generator Set(s) installed in the HCF are 2\*1500. The Consentee shall properly maintain the Acoustic Enclosure/ Acoustic Treated room for DG Set(s) in good condition and maintain the adequate stack height for DG Set(s) to meet the prescribed standards/ norms as mentioned above. The Consentee shall not operate the DG Set(s) till compliance of the prescribed norms/standards for DG Sets.
21. The Consentee shall comply with the applicable provisions/ Directions given vide Gazette Notification of Department of Environment, Govt. of NCT of Delhi, dated 23.10.2012 including the directions that no person shall manufacture, import, store, sell or transport any kind of plastic carry bags (including that of PolyPropylene, Non-woven fabric type carry bags) in the whole of National Capital Territory of Delhi if applicable.
22. The Consentee shall provide widespread Green Cover and the use of Fly Ash as per Fly Ash notification dated 14.09.1999 shall be mandatory.
23. Project Proponent will ensure use of Ozone Depletion Substances (ODS) free appliances so that no toxic gases in air conditioning/ refrigeration/ fire extinguishers are created.
24. During the Construction Phase for Control of dust pollution all precautionary measure should be ensured in compliance of Hon'ble National Green Tribunal order dated 04.12.2014 in the matter of Vardhaman Kaushik Vs. Union of India & Ors. and Sanjay Kulshrestha Vs. Union of India & Ors. and as notified by MoEF&CC, GOI vide Notification No. G.S.R. 94(E) dated 25.01.2018. Consentee shall use Anti-Smog Gun(s) compulsorily for undertaking construction & demolition activity including excavation, material handling and other dust generating activities for compliance of Hon'ble Supreme Court orders dated 13.01.2020 in WPC No. 13029/1985 titled M.C. Mehta Vs. Union of India & Ors.
25. It will be the responsibility of the Project Proponent to obtain prior clearances/ approval and ensure compliances under all other relevant Acts/ Rules/ Regulations/ Guidelines/ Instructions/ Court Orders/ Tribunal Orders as applicable to this Health Care Facility (HCF).
26. The Consentee shall not carry out any activity falling under the Prohibited/ Negative list of Industries (Annexure III of MPD -2021) which are prohibited in National Capital Territory of Delhi, as per Master Plan of Delhi.
27. Unit shall implement the environmental safeguards as per stipulations in Environmental Clearance issued by MoEF&CC and shall submit a half yearly compliance report in respect of terms and conditions of Environmental Clearance to Regional Office of MoEF&CC and simultaneously to DPCC on the prescribed date.
28. The Consentee shall switch over its fuel to PNG fuel (wherever the PNG fuel pipeline supplied by IGL) with immediate effect and submit the compliance report within 30 days of issuance of this consent order.
29. The Consentee shall submit an application for extension of the Consent to Establish/ Consent to Operate under Water and Air Acts & Authorization under BWM Rules, 2016 one month in advance of the expiry date of this Consent Order/ date of start of operation of the HCF.
30. This consent is being granted focusing only on the Water Act 1974/ Air Act 1981. The project will be regulated by the concerned local Civic Authorities under the provisions of the relevant provisions of the extant MPD-2021, Building Control Regulations and Safety Regulations. The investment made in the project, if any, based on Consent so granted, in anticipation of the clearance from other statutory authorities shall be entirely at the cost and risk of the project proponent, DPCC shall not be responsible in this regard in any manner.

31. The Consentee is allowed to run the pollution control devices and collect and test the data. The trial for these aforesaid purposes is permitted within the period of maximum three months from the date of completion. The Consentee shall give prior intimation to DPCC, of the dates on which trial would start and end. Thereafter Project Proponent shall apply for Consent to Operate along with requisite details and test reports to DPCC.
32. The Consentee shall abide by the Guidelines on Environmental Management of Construction and Demolition (C&D) Waste and Guidelines on Dust Mitigation Measure in Handling Construction Material and C&D waste developed and published by CPCB available at [www.cpcb.nic.in](http://www.cpcb.nic.in)
33. The Consentee shall display the enclosed template of Notice for Construction and Demolition Waste Management at the site.
34. The Consentee shall ensure the compliance of policy to be followed regarding operation of Ready Mix Concrete Plants (RMC Plants) issued vide office order No. DPCC/CMC I/RMC/2017/2596 to 2614 dated 27.12.2017 (available at DPCC website).
35. In the event of any information furnished by the Consentee found to be false OR in case of failure to comply with any of the above mentioned consent conditions, consent granted through this Consent Order shall be deemed to be revoked without any notice and necessary action as per law shall be taken, which may include closure of the unit and prosecution for wrong declaration.
36. Notwithstanding anything contained in this Consent Order. Delhi Pollution Control Committee, reserves its right to review any/ or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of enforcement of the Air (Prevention and Control of Pollution) Act, 1981, as amended to date and the Water (Prevention and Control of Pollution) Act, 1974, as amended to date.
37. The Consent granted to the Consentee is to ensure control of pollution from the premises of the unit in accordance with various Pollution Control Laws and in no way confers the right to the Consentee / unit to exist in violation of other laws and statutory provisions including the Master Plan of Delhi.
38. The Consentee shall ensure the safeguards as envisaged in Environmental Clearance issued to M/s Nirogi Charitable and Medical Research Trust dated 11.12.2024 including the dust control measures during the construction stage.
39. This issue in view of the Office Order dated 12.04.2016 regarding processing of the Consent to Establish cases.

Template for displaying notice w.r.t. Condition No. 33 to be displayed on board of size 6 feet X 4 feet.  
Background color - Yellow, Letters - Black

**NOTICE**

(Construction and Demolition waste management rule 2016)

The construction/Demolition site is authorized by... Vide file no... Dated.....

1. Name and Address with contact number of contractor/developer
2. Address of the site
3. Area/length
4. Date of initiation of the project (dd/mm/yy)
5. Scheduled completion date of the project (dd/mm/yy)
6. Details date of completion/disposal/clearing of the site (dd/mm/yy)
7. Estimated waste (TPD)
8. Total estimated waste (MT) for the entire project
9. Nature of waste (concrete/iron/plastic/soil) (TPD)
10. Material Generated Recycled Reused Disposed  
Sand -----  
Concrete -----
11. Identified waste disposal site
12. Mode of utilization of waste (reuse/recycle/convertng to construction material)
13. Mode of disposal
14. Mode of handling and transportation (manual/mechanical/pneumatic)(by road/rail)
15. Dust mitigation measures at the site (water sprinkling/curtain/barrister)
16. Reason of delay in disposing waste (in any)
17. Accidents reported (in any)  
Name of Agency Owner  
Telephone number





सत्यमेव जयते

File No:  
Government of India  
Ministry of Environment, Forest and Climate Change  
IA Division  
\*\*\*



Dated 11/12/2024



To,

M/s NIROGI CHARITABLE AND MEDICAL RESEARCH TRUST  
M/s NIROGI CHARITABLE AND MEDICAL RESEARCH TRUST  
O-85, Hact Community Facility Instl complex, Mandawali Fazalpur, Patparganj, New Delhi ,  
Community Facility Institutional Complex, Mandawali Fazalpur, Patparganj, EAST, DELHI, 110092  
eianirogi@gmail.com

**Subject:** Nirogi Charitable and Medical Research Trust at Community Facility Institutional Complex, Mandawali Fazalpur, Patparganj, Delhi-110092 by M/s. Nirogi Charitable And Medical Research Trust – For Grant of Environmental Clearance - reg.

Sir/Madam,

This is in reference to your application for Grant of EC under the provision of the EIA Notification 2006-regarding in respect of project Nirogi Charitable and Medical Research Trust, At Community Facility Institutional Complex, Mandawali Fazalpur, Patparganj, Delhi-110092 submitted to Ministry vide proposal number IA/DL/INFRA2/449804/2024 dated 13/10/2024.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24C3804DL5173605N
(ii) File No.	
(iii) Clearance Type	EC
(iv) Category	B2
(v) Project/Activity Included Schedule No.	8(a) Building / Construction
(vi) Sector	INFRA-2
(vii) Name of Project	Nirogi Charitable and Medical Research Trust, At Community Facility Institutional Complex, Mandawali Fazalpur, Patparganj, Delhi-110092
(viii) Name of Company/Organization	NIROGI CHARITABLE AND MEDICAL RESEARCH TRUST
(ix) Location of Project (District, State)	EAST, DELHI
(x) Issuing Authority	MoEF&CC
(xii) Applicability of General Conditions	no
(xiii) Applicability of Specific Conditions	no

3. The project/activity is covered under item 8(a) 'Building Construction Projects' of the Schedule to the EIA Notification, 2006 and its amendments, and requires appraisal at the State level. However, due to the temporary absence of SEIAA/SEAC in Delhi. This proposal was transferred by SEIAA, Delhi to the Ministry as per the provisions of the OM No. IA3-22/10/2022-IA.III [E 177258] dated 02.08.2023 for appraisal at the Central level by sectoral EAC.

4. Accordingly, the above-mentioned proposal for Environmental Clearance has been examined by the Expert Appraisal Committee (Infra-2) in its 132<sup>nd</sup> meeting held on 23-24th October, 2024.

5. The details of the project, as per the application form, documents submitted by the project proponent, and also as informed during the aforesaid meeting of EAC, are provided below for reference:

i. This is a new project.

ii. The proposed proposal is for Hospital Project.

iii. The project site is located at Community Facility Institutional Complex, Mandawali Fazalpur, Patparganj, Delhi. The geographical co-ordinates of project site are 28° 37'40.76"N and 77°18'53.74"E.

iv. The land is owned by M/s Nirogi Charitable and Medical Research Trust.

v. An existing old building of built-up area 1,224 sq. m will be demolished. The project was listed in 142<sup>nd</sup> Meeting of State Level Expert Appraisal Committee (SEAC), Delhi held on 10.06.2024 and was recommended for the grant of environment clearance.

vi. Project consists of 365 Nos. of Beds.

vii. Total Plot area is 8463 sq. m and the Built-up area is 58,729.74 sq. m details of which are given below:

<b>PROJECT SUMMARY</b>		
<b>Sr. No.</b>	<b>Particulars (Unit)</b>	<b>Quantity</b>
1	Total Plot area (sq. m)	8463
2	Proposed Built Up Area (sq. m)	58729.74
3	Number of Beds (Nos.)	365
4	Max Height of the building (m)	44.95
5	Max No of Floors for Hospital Block (Nos.)	3B+G+S+10 F
6	Max No of Floors for MLCP Block (Nos.)	G+24 F
7	Expected Population (Nos.)	5185
8	Total Cost of Project	365
9	Project Activity- Hospital	
<b>AREAS</b>		
10	Permissible Ground Coverage Area (sq. m)	3385.3
11	Proposed Ground Coverage Area (sq. m)	3279.53
12	Permissible FAR Area (sq. m)	25389.72
13	Proposed FAR Area (sq. m)	23422.31
14	Non FAR area (Basement and Stilt Area) (sq. m)	35307.22
15	Proposed Total Built Up Area (sq. m)	58729.74
<b>Water</b>		
16	Total Water Requirement (KLD)	455
17	Fresh water Requirement (KLD)	220
18	Treated water Requirement (KLD)	213
19	Waste water flow to STP (KLD)	245
20	Waste water flow to ETP (KLD)	20
21	Proposed Total Capacity of STP (KLD)	300
22	Proposed Capacity of ETP (KLD)	25
23	Treated Water Available for Reuse (KLD)	235
24	Discharge in Municipal Sewer (KLD)	22
<b>Rain Water Harvesting</b>		
25	Rain Water Harvesting Potential (m3)	115
26	No of RWH of Pits Proposed (Nos.)	2

27	Capacity of Rain Water Collection Tank (1 no.) (KL)	220
<b>Parking Details</b>		
28	Total Parking Required as / Building Bye Laws (ECS)	435
29	Proposed Total Parking (ECS)	437
30	Parking proposed in B2 (Two Wheelers) (Nos.)	21
31	Parking on Surface (ECS)	9
32	Parking in MLCP (ECS)	22
33	Basement parking (ECS)	385
<b>GREEN AREA</b>		
34	Required Green Area (sq. m)	1269
35	Proposed Green Area (15.44% of total plot area) (sq. m)	1307.07
<b>WASTE GENERATION</b>		
36	Total Solid Waste Generation (TPD)	0.68
37	Organic Waste (TPD)	0.27
38	Bio-Medical Waste (TPD)	0.292
39	Quantity of Sludge Generated from STP (Kgs/Day)	39.2
<b>POWER</b>		
40	Total Power requirement (kVA)	2300
41	DG set backup (kVA)	3000
42	Breakup of DG Sets (kVA)	1500x2
43	Solar Capacity (6% of total power load) (kWp)	139.4

- viii. Total population in the project including patients, doctors, staffs and visitors will be 5,185 Nos.
- ix. Total water demand of the project is expected to be 433 KLD and the same will be met by 220 KLD fresh water from Delhi Jal Board and 213 KLD Recycled Water. Wastewater generated (245 KLD) will be treated in a STP of total 300 KLD capacity and Waste water generated from laundry and medical uses will be 20 KLD which will be treated in in-house ETP of 25 KLD capacity and treated water from ETP will be discharged into in-house STP for further treatment. 235 KLD of treated wastewater from on-site STP will be recycled and reused for flushing (80 KLD), Cooling tower & DG cooling (125 KLD), gardening. (8 KLD) and excess treated water (22 KLD) will be discharged into municipal drain.
- x. About 0.68 TPD solid wastes will be generated in the project. The biodegradable waste (0.27 TPD) will be processed in OWC and the non-biodegradable waste generated (0.41 TPD) will be handed over to authorized local vendor. Bio-medical waste generation will 0.292 TPD which will be handed over to authorized vendor for disposal as per norms.
- xi. Approx. 680 kg/day of total solid waste would be generated during construction phase and will be segregated at source through colored bins system (green, blue & dark grey) separate for bio-degradable and non-biodegradable through an authorized vendor.
- xii. The proposed total green area is 1307.07 sq. m (15.44% of total plot area), out of which 939 .46 sq. m will be soft green area (11. 10 % of plot area) and terrace green area is 226. 76 sq. m (2.67 % of plot area). Total number of proposed trees will be 106 nos. Currently, there are 5 nos. of trees within the project site which will be transplanted with prior permission of forest department.
- xiii. Electricity requirement during construction phase will be met from BSES and total power requirement during operation phase is 2300 kVA and will be met from BSES.
- xiv. For Power backup, 2 DG sets of total capacity 3000 KVA [2 x 1500 kVA] is proposed.
- xv. 1 Rain Water tank of 220 m<sup>3</sup> is proposed for rainwater collection from roof top area and 02 Rain Water Harvesting pits will be provided for ground water recharge.
- xvi. 6% of electrical load will be met through energy conservation measures i.e., Solar based Lighting and LED street lights.
- xvii. The proposed project is not located in CRZ area.
- xviii. The proposed project does not involve diversion of forest land.
- xix. The proposed project not clearance from National Board for wildlife.
- xx. No Court case pending against the project.
- xxi. Cost of the project is Rs. 365 Crores.
- xxii. Total manpower requirement for the proposed project will be around 500 personnel are during construction phase and 100 personnel are during operation phase.
- xxiii. Total 437 ECS parking is proposed for the project.

xxiv. Benefits of the project: Employment will be generated from the project and the project will provide the health care benefit and overall development.

xxv. Environmental management plan: A budget of Rs. 329.7 Lakhs of capital cost is proposed towards the budget of Environmental management plan along with a recurring cost of Rs. 55.87 Lakhs/year.

6. The committee noted that, the project was listed in 142<sup>nd</sup> Meeting of State Level Expert Appraisal Committee (SEAC), Delhi held on 10.06.2024 and was recommended for the grant of environment clearance. However, due to the temporary absence of the SEIAA, Delhi, this proposal was transferred to the Ministry for further necessary actions. Based on the above, this proposal is considered by the EAC.

7. The EAC during the instant meeting noted that, total plot area is 8,463 sq. m and the built-up area is 58,729.74 sq. m. The proposed total green area is 1,307.07 sq. m (15.44% of total plot area), out of which 939.46 sq. m will be soft green area (11.10 % of plot area) and terrace green area is 226.76 sq. m (2.67 % of plot area). Total number of proposed trees will be 106 nos. Currently, there are 5 nos. of trees within the project site which will be transplanted with prior permission of forest department.

8. The committee has noted that PP has proposed a Diesel Generator set for Power Backup which considering the sensitivity of the project and the impacts that DG Set might have on the patients getting treatment in the hospital. The committee noted that, the PP shall mandatorily make arrangement for Gas based Generator instead of Diesel based Generator considering the sensitivity of the project. Alternatively, the PP shall also make arrangement for operation of a dual fuel based Power Generation.

9. The EAC further noted that, considering the initial demolition of the existing building in the same site as submitted by the PP, proper C & D Waste Management Rules, 2016 (as amended) be followed and complied to during the construction of the project.

10. Improvements in many other aspects/layout of the project could be brought about as it is still in planning stage such as rest places for relatives of patients etc. It was suggested by the EAC that the PP should make arrangements for alternate or renewable energy such as installation for solar panel on the terrace to which the PP submitted that the terrace is planned to be utilized for installation of other utilities and there was not much space for the solar panels. Further, in order to reduce dependency on grid power, the PP was advised to make arrangement for solar power on the terrace of the proposed Hospital building.

11. The EAC, based on the information submitted and clarifications provided by the Project Proponent and detailed discussion held on all the issues, recommended granting Environmental Clearance to the project subject to the following specific conditions and other Standard EC Conditions as specified by the Ministry vide OM dated 04.01.2019 for the said project/activity, while considering for grant of environmental clearance.

12. Based on recommendations of EAC, the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance to Nirogi Charitable and Medical Research Trust, At Community Facility Institutional Complex, Mandawali Fazalpur, Patparganj, Delhi-110092 by M/s Nirogi Charitable And Medical Research Trust under, under the provisions of EIA Notifications, 2006 and its amendments therein, subject to the following specific conditions, and other Standard (General) EC Conditions as specified by the Ministry vide OM dated 04.01.2019 for the said project/activity are enclosed as **Annexure 1**.

13. This issues with the approval of the Competent Authority.

### **Copy To**

1. The Principal Secretary, Environment Department, Government of Delhi, 6<sup>th</sup> Level, C-Wing, IPEstate, Delhi Secretariat, Delhi – 110002.
2. Deputy Director General of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office, Kendriya Bhawan, 5<sup>th</sup> Floor, Sector 'H', Aliganj, Lucknow – 226 020.
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi – 110032.

4. The Member Secretary, Delhi Pollution Control Committee, Building, 6<sup>th</sup> Floor C Wing, Delhi Secretariat, I P Estate, Delhi – 110002.

5. Monitoring Cell, MoEF&CC, Indira Paryavaran Bhawan, New Delhi.

6. Guard File/ Record File/ Notice Board/MoEF&CC website.

## Annexure 1

### Specific EC Conditions for (Building / Construction)

#### 1. Specific Conditions

S. No	EC Conditions
1.1	The project proponent should adhere to the Cost of Environmental Monitoring as committed i.e. capital cost of Rs. 43 Lacs and recurring cost of Rs. 6 Lacs/ year during construction phase and capital cost of Rs. 286.7 Lacs and recurring cost of Rs. 49.87 Lacs/ year during operation phase.
1.2	PP shall provide for operation of a dual fuel based Power Generation and make necessary arrangements for gas-based power sources during power cuts.
1.3	PP is advised to make arrangement for solar power on the terrace of the proposed Hospital building.
1.4	PP has to abide by all the provisions of the C & D Waste Management Rules, 2016 (as amended).
1.5	The PP should ensure that construction happens only during daytime.
1.6	The project proponent strictly follows the local by-laws for the proposed project.
1.7	The project proponent strictly follows the Graded Response Action Plan (GRAP) Guidelines for Delhi & NCR area.
1.8	Only the treated water of STP should be used for construction purposes.
1.9	Bills/Receipt issued by Max Super Speciality Hospital (A Unit of Balaji Medical & Diagnostic Research Centre) against purchase of treated water from STP should be part of six-monthly EC compliance report.
1.10	The project proponent shall adhere to the total water requirement - 433 KLD, Fresh water requirement 220 KLD, Treated water requirement -213 KLD from in-house STP shall be used for reuse & recycling in Flushing (80 KLD), DG Cooling/ HVAC (125 KLD), Gardening (8 KLD)) and excess treated water (22 KLD) shall not be discharged into municipal sewer and PP shall explore the possibility to give excess treated waste water to nearby parks, service stations, bus depots, other construction projects etc.
1.11	As proposed, fresh water requirement shall not exceed 220 KLD. Occupancy Certificate shall be issued only after getting necessary permission for required water supply from Concerned Authority.
1.12	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/ reused for flushing, gardening, cooling etc.
1.13	Advanced oxidation process should be used in STP and ETP to ensure proper treatment of drug

S. No	EC Conditions
	residues and its metabolites.
1.14	The PP shall provide toxic gas (Combustible gas, Carbon dioxide and Hydrogen sulphide, Methane, VOCs, Ammonia) detectors for STP area.
1.15	Internet of Things (IoT) based Flow Meters/ Sensors should be installed to monitor consumption of fresh water as well as treated water and log book for these flow meters be maintained in a regular manner. Flow meters shall be installed at Inlet of STP, outlet of STP, inlet of flushing tanks, inlet of cooling water tanks and reuse line for horticulture purposes and at the outfall/ sewer connection to be provided only for emergency discharge purposes with prior intimation to regulatory authority. Calibration for all the Flow meters shall be maintained on quarterly basis.
1.16	All sensor/meters based equipment should be calibrated on quarterly basis.
1.17	Sensors to measure ground water level/Piezometers certified by CGWB should be installed by the PP immediately. These piezometers should have IoT facility and send data to the server for storage. Weekly data from these piezometers should be submitted along with EC compliance report. Calibration of these sensors should be done once in 6 months. Data of these piezometers should be also be (a) Highlighted on PP website with monthly updation. (b) Shared with DJB (ground water division) on quarterly basis.
1.18	No. of Rain water harvesting pit shall be 2 nos, and Rain water storage tank of capacity of min. 1 day of total fresh water requirement shall be provided. Boring for Rain Water Harvesting system should not be permitted/ done before completion of structure work. All recharge should be limited to shallow aquifer. Depth of boring should leave a buffer of atleast 5 m above ground water table.
1.19	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in organic waste converter. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from the project will be sent to dumping site.
1.20	PP shall dispose Bio-medical waste as per Bio Medical Waste Management Rules, 2016. Necessary agreement to be reached with the BMW waste management facility.
1.21	Sludge from ETP to be sent to hazardous waste management service provider and necessary agreement has to be taken prior to operation of the project. Necessary agreement to be reached with the HWM waste management facility.
1.22	Construction & Demolition waste should be disposed of at authorized C&D waste collection centre/ processing unit. PP shall ensure compliance of C&D waste Management rules, 2016. Necessary agreement to be reached with the C&D waste management facility.
1.23	The PP shall store all the construction material within the project site. Provision shall be made for providing facilities such as mobile toilets, safe drinking water, medical healthcare, crèche etc for the construction workers hired locally.
1.24	Construction activities will be allowed only during day-time period.

S. No	EC Conditions
1.25	The Project Proponent should take measures for control of Dust Pollution during construction phase in the Environmental Management Plan by taking measures as per MoEF&CC Notification No. GSR 94 (E) dated 25.01.2018/Hon'ble National Green Tribunal order in O.A. No.21 of 2014 and O.A. No. 95 of 2014 in the matter of Vardhaman Kaushik Vs. Union of India & others and Sanjay Kulshreshtha Vs Union of India & others, CAQM/CPCB/DPCC extant statutory orders/guidelines/directions issued time to time including registration/ self-audit on Dust Pollution Control Self- Assessment Portal with provision of video fencing and sensors for monitoring PM 2.5, PM 10. Atleast 04 Anti-Smog Gun shall be installed before starting the construction.
1.26	Wind- breaker of appropriate height i.e. 1/3rd of the building height and maximum up to 10 metres shall be provided all around the project site before the start of construction and demolition work. Regenerating plastic panels should be used instead of GI sheets.
1.27	The generator sets shall be installed as per extant directions of CPCB/CAQM with due compliances of directions issued under GRAP for Delhi & NCR.
1.28	PP should install the air filters in the basement consisting of advanced adsorption technologies.
1.29	PP to provide minimum 30% of total car parking requirement with electric charging facility by providing charging points at suitable places as committed. PP to ensure that this should be provided in AC/DC combination. In addition, provision should be made to allow extension of electric charging facility to all parking slots in the future.
1.30	At least 6% (139.4 kWp) of the total energy demand to be sourced from Solar (Renewable) energy and PP shall try to enhance it further to 10% of the total energy demand.
1.31	Green building norms should be followed with minimum 4-star GRIHA/IGBC/ASSOCHAM-GEM rating.
1.32	Energy audit shall be carried out periodically to review energy conservation measures.
1.33	Exposed roof area and covered parking should be covered with material having high solar reflective index.
1.34	The sufficient mitigation measures must be taken by the PP to mitigate the effect of heat island.
1.35	Green belt development surrounding the site, avenue tree planting and garden development should commence from the beginning of the construction phase. Only indigenous species should be used for green belt and avenue trees.
1.36	Project Proponent shall strive to enhance the Green Belt beyond 15.44% and that the trees planted in this regard would be planted under the campaign "एक_पेड़_माँ_के_नाम" and the details of the trees planted would be uploaded on the portal <a href="https://merilife.nic.in">https://merilife.nic.in</a> .
1.37	PP shall keep open space unpaved to the maximum extent possible so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide grass pavers of suitable types & strength to increase the water permeable area as well as to allow effective fire tender movement and shall keep atleast 10% of the plot area as pervious.

S. No	EC Conditions
1.38	The cost of Environment Management Plan should be distinctly allocated in the budget of the project and details of the same along with time frame of the implementation should be reported in six monthly monitoring reports.
1.39	The Environment Management Cell consisting of 1 Director, 1 Senior Environment Expert, 1 Junior Environment Expert having specific knowledge and experience related to environmental safeguards/ air/ water pollution shall be created and made functional before commissioning of the proposed development.
1.40	In view of MoEF&CC Office Memorandum No. 21-270/2008-IA.III dated 19.06.2013 read with MoEF&CC Office Memorandum No. 22-154/2015-IA,III dated 10.11.2015, this environmental clearance is granted focusing only on the environment concerns. The project will be regulated by the concerned local Civic Authorities under the provisions of the relevant provisions of the extant MPD-2021, Building Control Regulations and Safety Regulations.
1.41	The Environmental Clearance is subject to the condition that concerned local civic agencies will give the permission for use/ occupation of the building only after the written assurance of DIAL/DJB/ New Delhi Municipal Council/other such local civic authority (as the case may be) regarding supply of adequate water for the residents/occupiers.
1.42	Grant of environmental clearance does not necessarily implies that water/ power supply shall be granted to the project and that their proposals for water/ power supply shall be considered by the respective authorities on their merits and decision taking.

**Standard EC Conditions for (Building / Construction)**

**1. Statutory Compliance**

S. No	EC Conditions
1.1	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
1.2	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.
1.3	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.
1.4	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
1.5	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
1.6	The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.

S. No	EC Conditions
1.7	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
1.8	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
1.9	The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016, shall be followed.
1.10	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.

## 2. Air Quality Monitoring And Preservation

S. No	EC Conditions
2.1	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
2.2	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
2.3	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.
2.4	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
2.5	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
2.6	Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
2.7	Wet jet shall be provided for grinding and stone cutting.
2.8	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
2.9	All construction and demolition debris shall be stored at the site (and not dumped on the roads or

S. No	EC Conditions
	open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Management Rules 2016.
2.10	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
2.11	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
2.12	For indoor air quality the ventilation provisions as per National Building Code of India.

### 3. Water Quality Monitoring And Preservation

S. No	EC Conditions
3.1	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
3.2	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
3.3	Total fresh water use shall not exceed the proposed requirement as provided in the project details.
3.4	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
3.5	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
3.6	At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
3.7	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
3.8	Use of water saving devices/fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.

S. No	EC Conditions
3.9	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
3.10	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
3.11	The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
3.12	A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
3.13	All recharge should be limited to shallow aquifer.
3.14	No ground water shall be used during construction phase of the project.
3.15	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
3.16	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
3.17	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
3.18	No sewage or untreated effluent water would be discharged through storm water drains.
3.19	Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
3.20	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
3.21	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

#### 4. Noise Monitoring And Prevention

S. No	EC Conditions
4.1	Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
4.2	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
4.3	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

#### 5. Energy Conservation Measures

S. No	EC Conditions
5.1	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
5.2	Outdoor and common area lighting shall be LED.
5.3	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
5.4	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
5.5	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
5.6	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

#### 6. Waste Management

S. No	EC Conditions
6.1	A certificate from the competent authority handling municipal solid wastes, indicating the existing

S. No	EC Conditions
	civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
6.2	Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
6.3	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
6.4	Organic waste compost/Vermiculture pit/Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
6.5	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
6.6	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
6.7	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
6.8	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
6.9	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.
6.10	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

## 7. Green Cover

S. No	EC Conditions
7.1	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
7.2	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
7.3	Where the trees need to be cut with prior permission from the concerned local Authority,

S. No	EC Conditions
	compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
7.4	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.

## 8. Transport

S. No	EC Conditions
8.1	A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria. a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. b. Traffic calming measures. c. Proper design of entry and exit points. d. Parking norms as per local regulation.
8.2	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.

## 9.

S. No	EC Conditions
9.1	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

## 10. Human Health Issues

S. No	EC Conditions
10.1	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
10.2	For indoor air quality the ventilation provisions as per National Building Code of India.
10.3	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and

S. No	EC Conditions
	Disaster Management Plan shall be implemented.
10.4	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
10.5	Occupational health surveillance of the workers shall be done on a regular basis.
10.6	A First Aid Room shall be provided in the project both during construction and operations of the project.

### 11. Miscellaneous

S. No	EC Conditions
11.1	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
11.2	ii. environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
11.3	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
11.4	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
11.5	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
11.6	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
11.7	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be

S. No	EC Conditions
	reported to the Ministry/Regional Office along with the Six Monthly Compliance Report
11.8	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
11.9	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
11.10	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
11.11	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during their presentation to the Expert Appraisal Committee.
11.12	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).
11.13	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
11.14	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
11.15	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
11.16	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
11.17	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
11.18	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

**Additional EC Conditions**

N/A



TRAFFIC STUDY

**Consultancy Services for the Traffic Study for  
Proposed MAX NIROGI Hospital.**

Patparganj (Delhi)

MOEF / SEAC TRAFFIC REPORT

# Contents



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Key Concerns &  
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# Section 1

## Study Background

- 1 Key Site Facts
- 2 Site Location
- 3 Existing Development around

# Study Background | Key Site Facts

Plot Area

**0.79 Acre**

**MAX Super Specialty (Hospital)**

**41654.92 sq.mts BUA**  
(Excluding basement area)

**435 ECS (Required) | 437 ECS (Provided)**  
Total Parking (Surface + Basement + Tower)

**Parking Provision for**  
Doctors, Staff & Visitors | Cars - TW

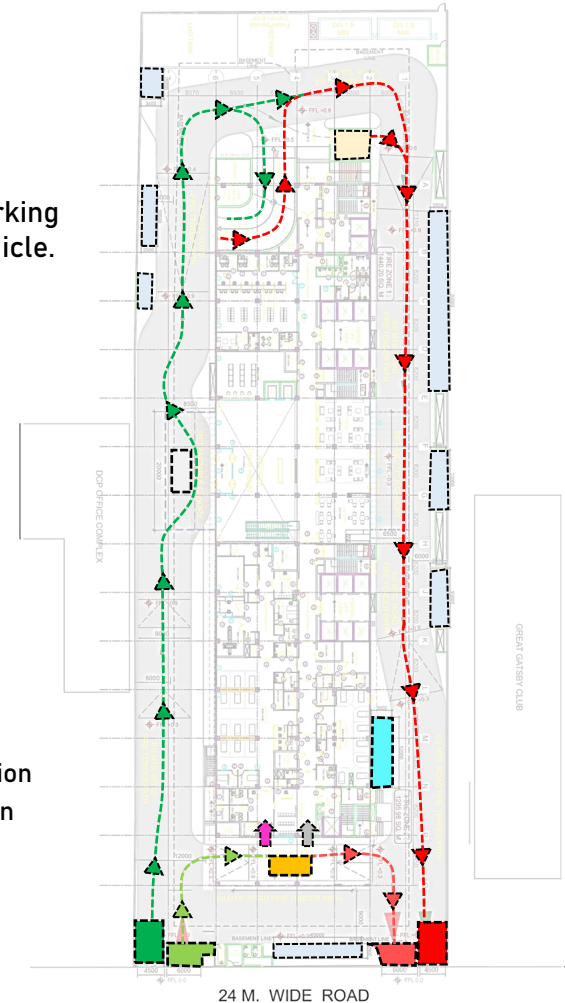
**Metro Station**  
IPE Extension (Pink Line) | 640m

**No of Proposed Beds**  
365

30% (132 ECS) of total parking are allotted for Electric Vehicle.

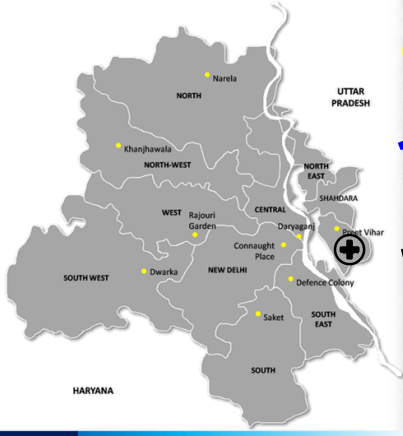
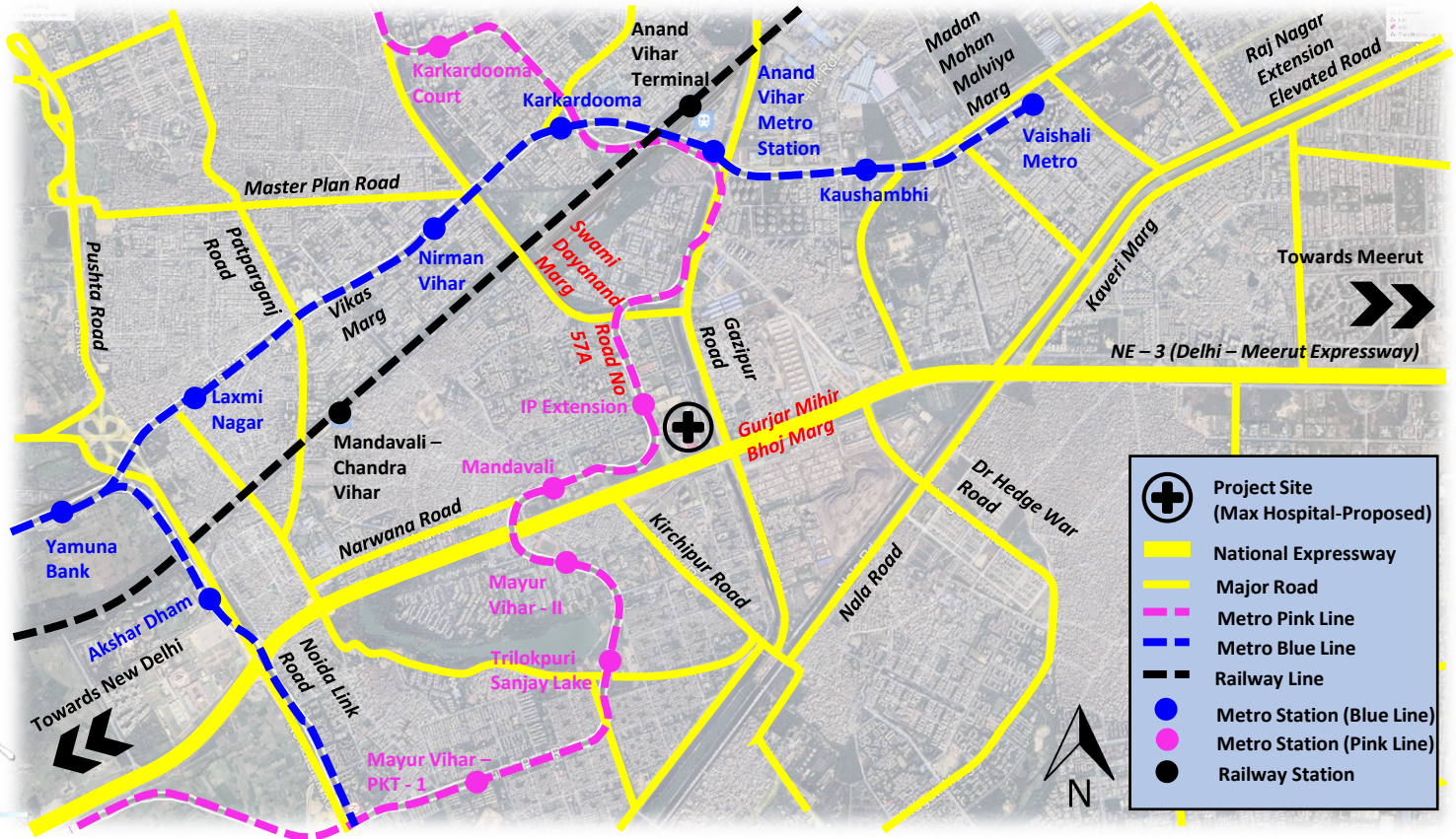
## Legends

- Entry
- Emergency Entry
- Exit
- Emergency Exit
- Emergency Drop off
- Visitor Drop off
- Surface Parking
- Ambulance Parking
- Automated MLCP
- Vehicular Entry Circulation
- Vehicular Exit Circulation
- Trolley Entry
- Walk In Patient Entry



# Study Background | Site Location

- Site located at Patparganj near IP Extension Metro Station.
- The site access is through “Gurjar Samrat Mihir Bhoj Marg, Swami Dayanand Marg and Road no 57A.



	Project Site (Max Hospital-Proposed)
	National Expressway
	Major Road
	Metro Pink Line
	Metro Blue Line
	Railway Line
	Metro Station (Blue Line)
	Metro Station (Pink Line)
	Railway Station

# Study Background | Existing Development around the Project Site

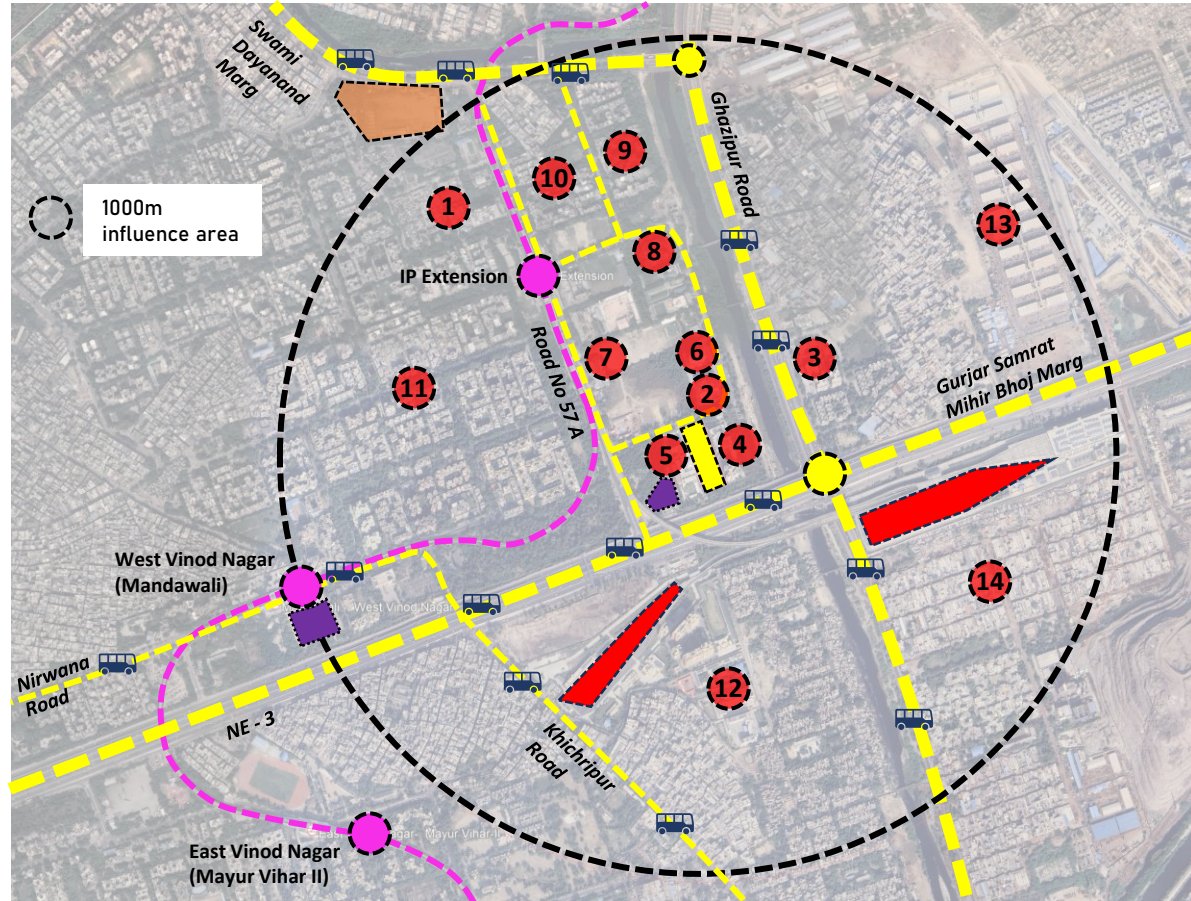
## Legends

- Major Access Road
- Metro Line (Pink)
- Metro Stations
- Metro Depot
- Major Landmark
- Hasanpur Bus Depot
- Existing Parking
- Bus Stops
- Major Junction
- 1000m influence area
- Project Site

## Major Landmarks

- 1 Max Hospital - Patparganj

- 2 Cloud9 Hospital
- 3 Medilax
- 4 DCP East District Office
- 5 Great Gatsby Club
- 6 Perk Inn - Radisson
- 7 CNG Filling Station
- 8 CBSE
- 9 Residential Apartments
- 10 Residential Apartments
- 11 Residential Apartments
- 11 Educational Institutes
- 13 Gazipur Sabzi Mandi
- 14 Gazipur Murga Mandi

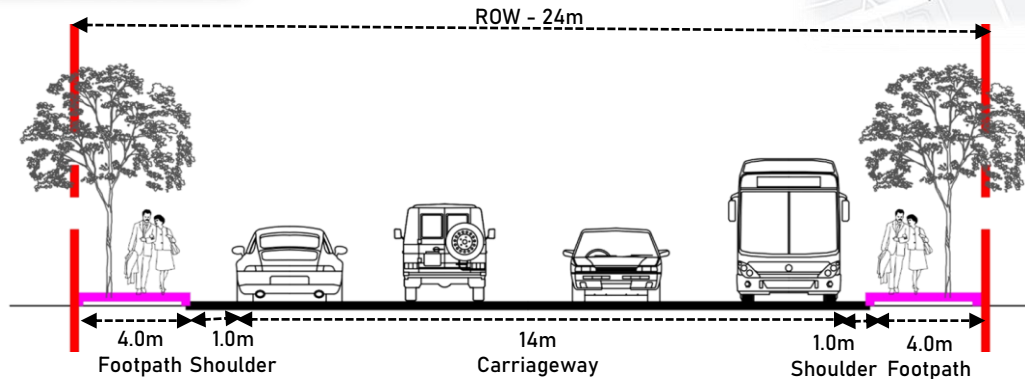
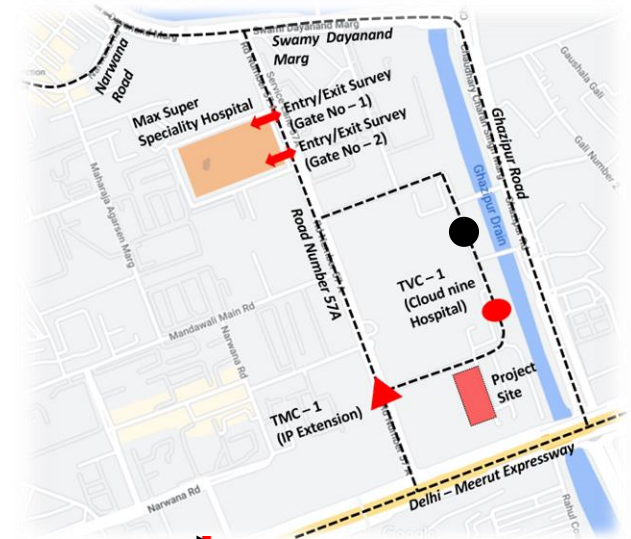


## Section 2

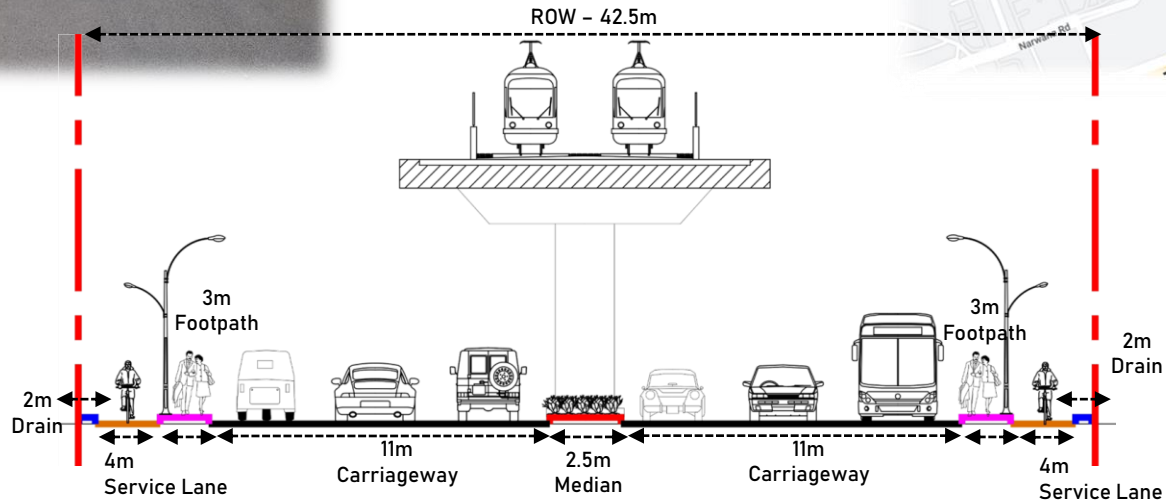
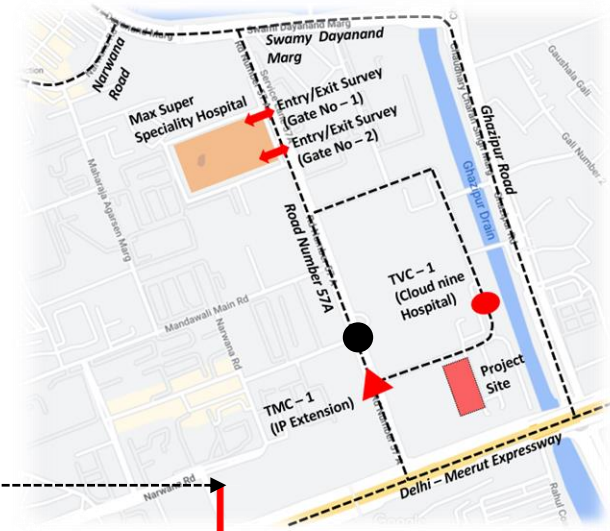
### Existing Situation Analysis

- 1 Existing Site Condition
- 2 Primary Survey Location
- 3 Primary Traffic Detail
- 4 Level of Service (LOS)

# Existing Road Section I (Internal Road Connecting CBSE – DCP Office)



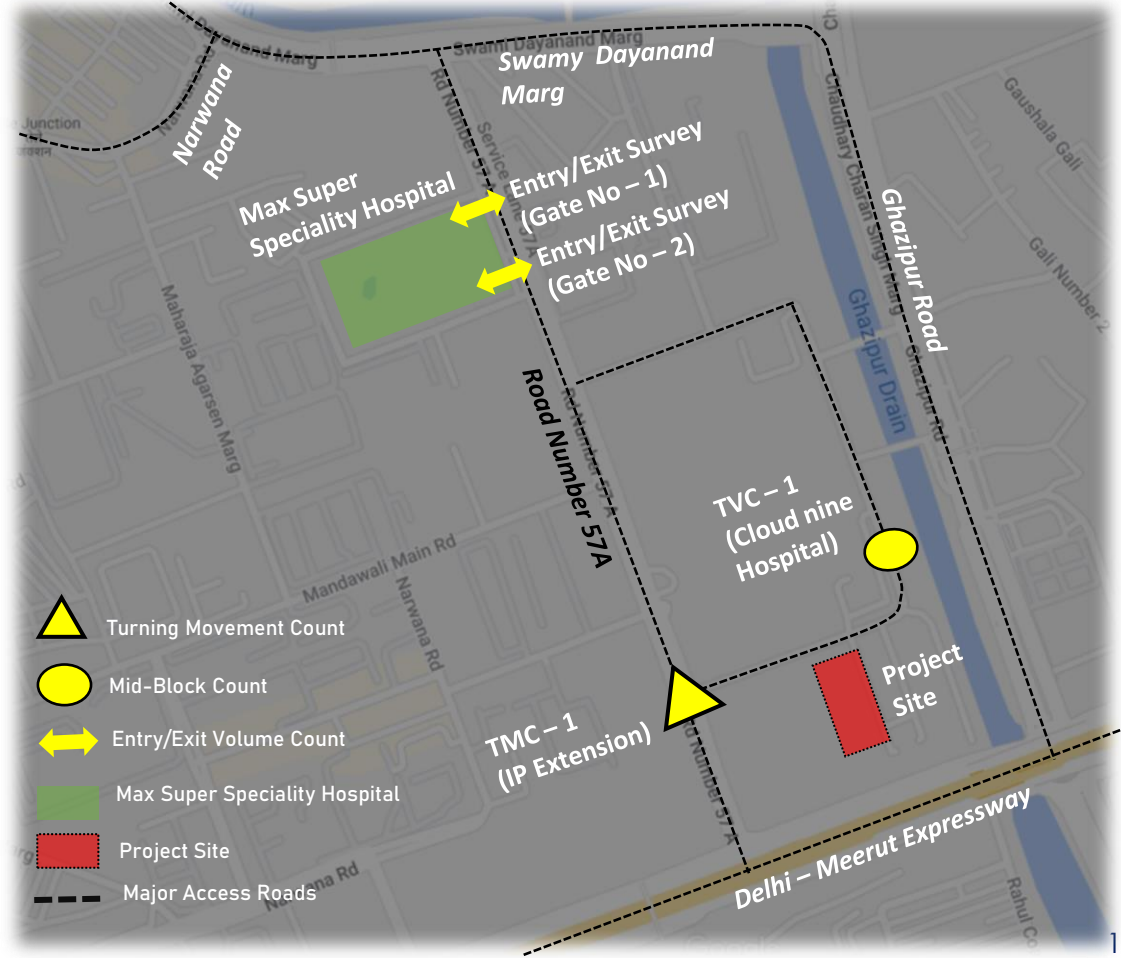
# Existing Road Section I (Road No 57A)



# Primary Survey Location

- Traffic surveys i.e., Total volume count (TVC) & Turning Movement Count (TMC) were conducted for the period of 16 hours while Entry/Exit for the period of 12 hours at the identified locations, in the month of September 2023.

Number	Location	Survey	Duration
1	IP Extension	TMC	16 hrs
2	Cloud nine Hospital	TVC	16 hrs
3	Max Super Speciality Hospital (Gate No – 1)	Entry/Exit	12 hrs
4	Max Super Speciality Hospital (Gate No – 1)	Entry/Exit	12 hrs

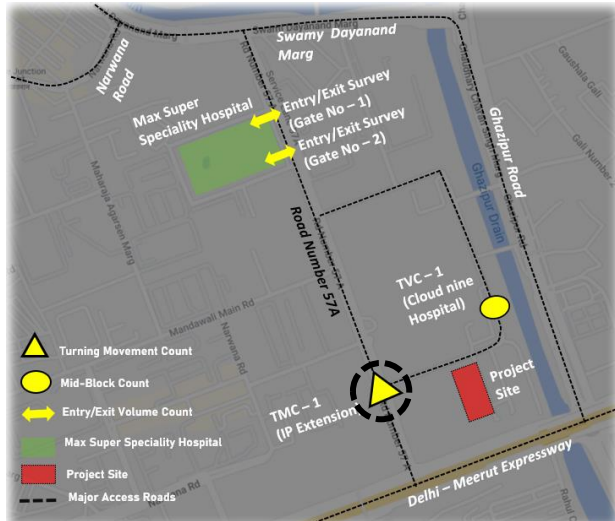
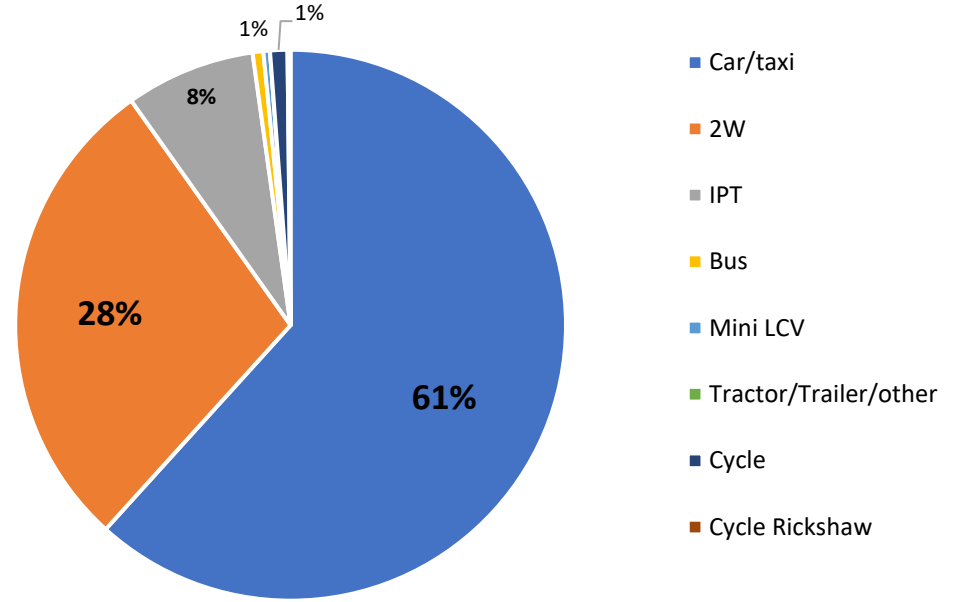


# Primary Traffic Details | TMC Analysis

SNO	Location	Morning Peak (PCU)	Evening Peak (PCU)
1	IP Extension	3136	3174

- Total junction volume coming to be 42636 Veh/Day.
- Share of Cars is maximum followed by two wheelers & IPT.
- The PHF varies from 8.92% to 9.54%.
- The Morning Peak – 09:30 AM to 10:30 AM.
- The Evening Peak – 19:45 PM to 20:45 PM

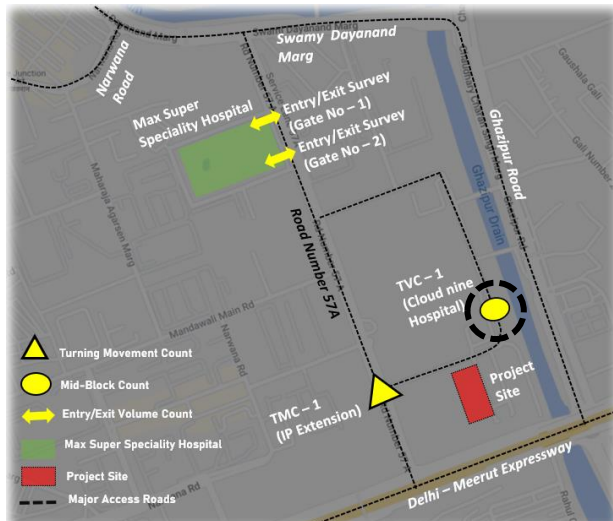
### Vehicle Composition



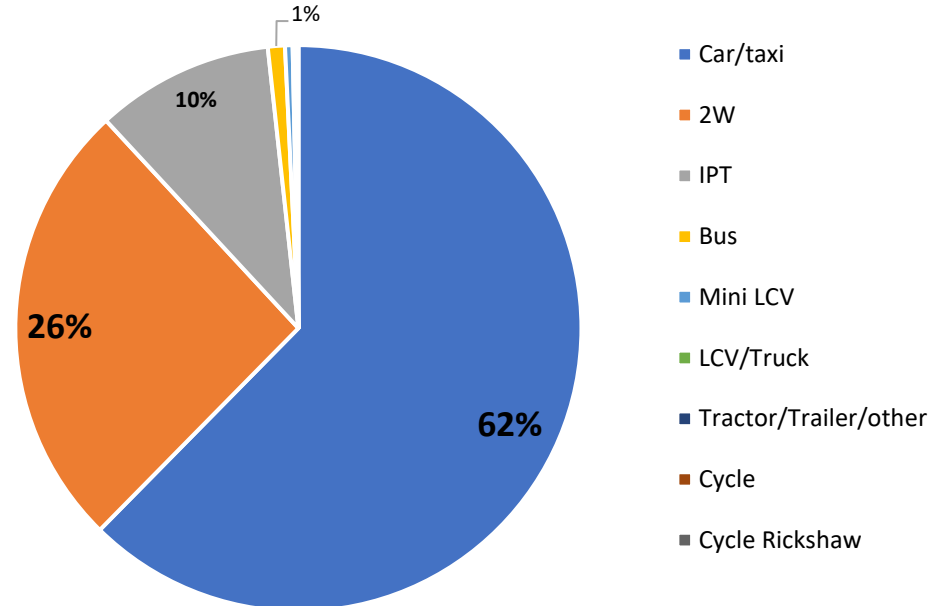
# Primary Traffic Details | TVC Analysis

SNO	Location	Morning Peak (PCU)	Evening Peak (PCU)
1	Cloud 9 Hospital	752	880

- Total junction volume coming to be 6935 Veh/Day.
- Share of Cars is maximum followed by two wheelers & IPT.
- The PHF varies from 8.92% to 9.54%.
- The Morning Peak – 07:15 AM to 08:15 AM.
- The Evening Peak – 19:30 PM to 20:30 PM



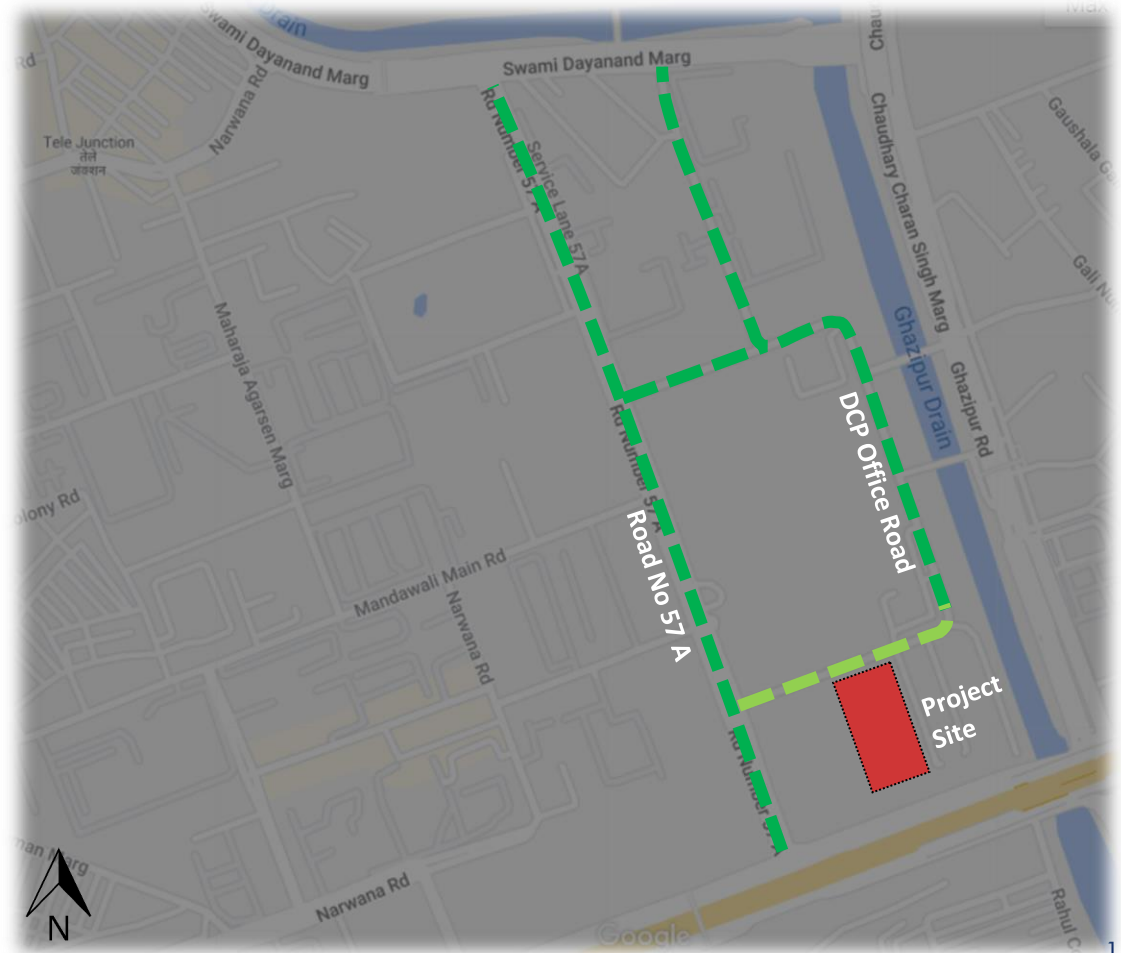
### Vehicle Composition



# Level of Service (LOS) - 2023



- The major access road of the project site - "Road 57A", & "DCP Office Road" are currently running at the LOS A & B.



Distinction of LOS

Level of service	Volume/ Capacity Ratio	Nature of flow
A	<0.30	Free flow
B	0.30-0.50	Reasonably free flow
C	0.50-0.70	Stable flow
D	0.70-0.90	Approaching unstable flow
E	1	Unstable flow
F	>1.00	Forced flow

# Section 3

## Traffic Circulation

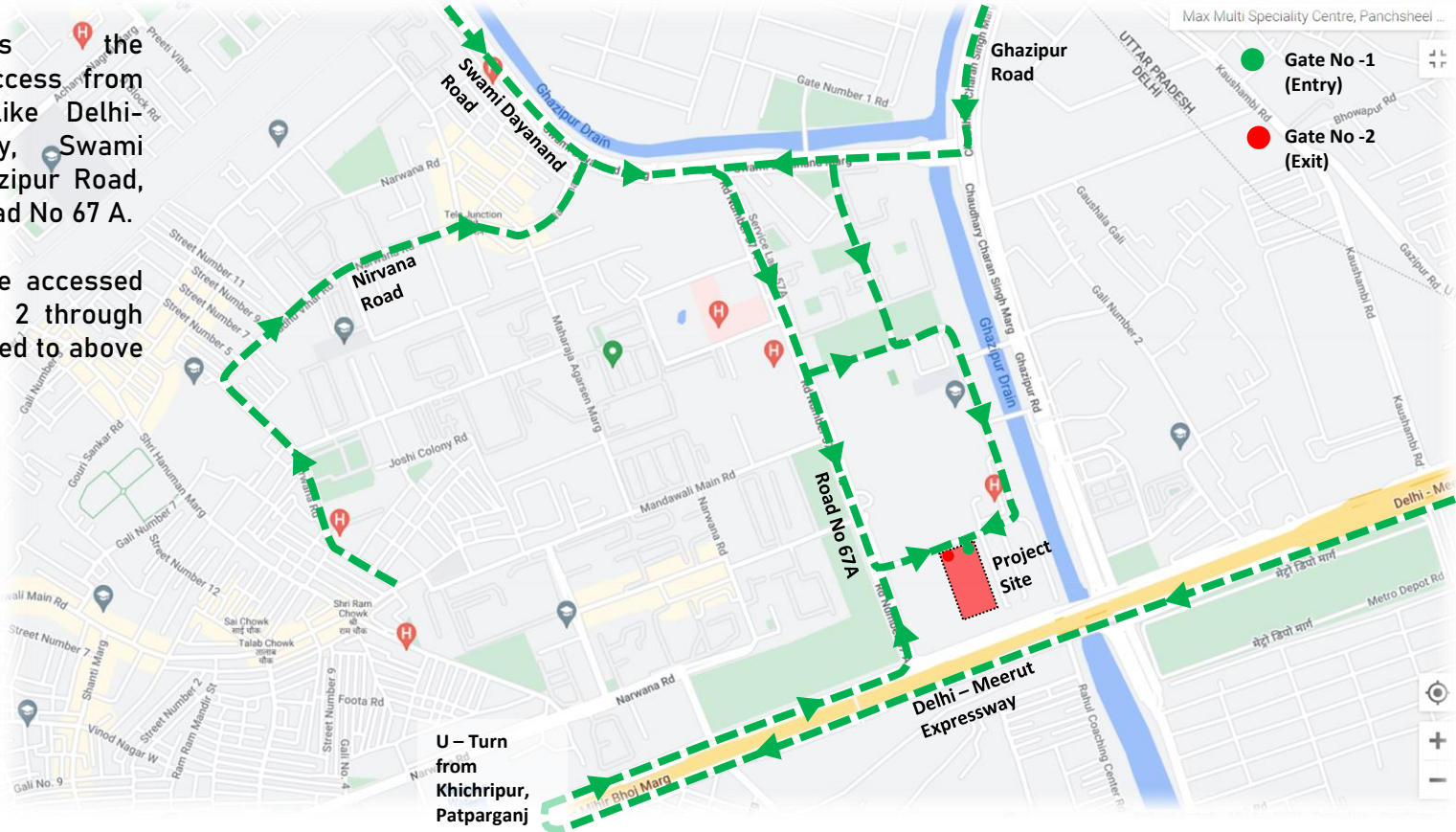
- 1 Inbound Circulation
- 2 Outbound Circulation

# Inbound Circulation

- Vehicle towards the development can access from the major roads like Delhi-Meerut Expressway, Swami Dayanand Road, Ghazipur Road, Nirvana Road and Road No 67 A.
- The project is can be accessed to Gate -1 & Gate - 2 through internal road connected to above major roads

## Legends

- Inbound Circulation
- Existing Underpass
- Gate No - 1
- Gate No - 2
- Project Site

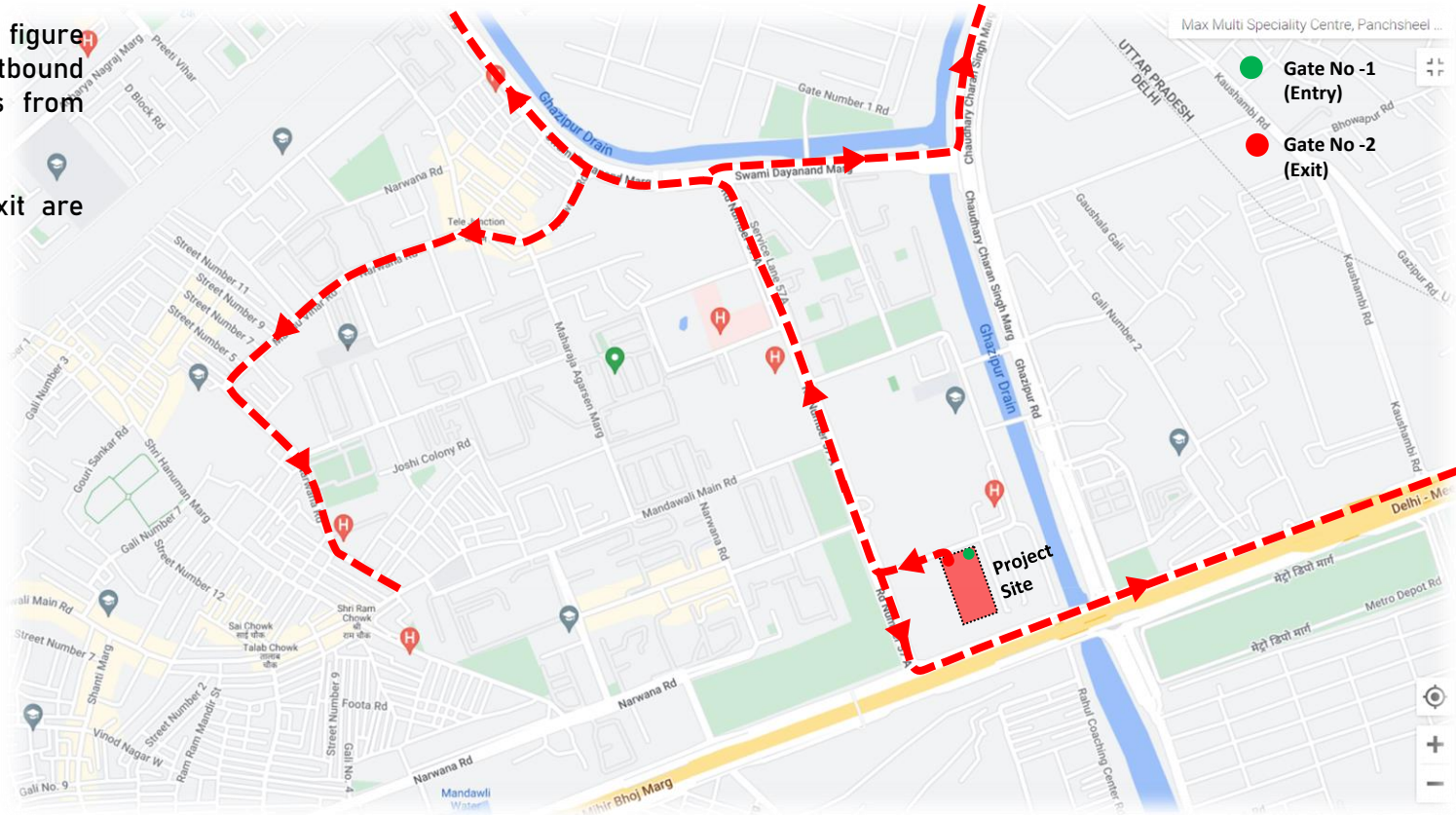


# Outbound Circulation

- The corresponding figure showing the outbound movement of vehicles from the project site.
- The preferred entry/exit are shown in the routing.

## Legends

- Inbound Circulation
- Existing Underpass
- Gate No - 1
- Gate No - 2
- Project Site



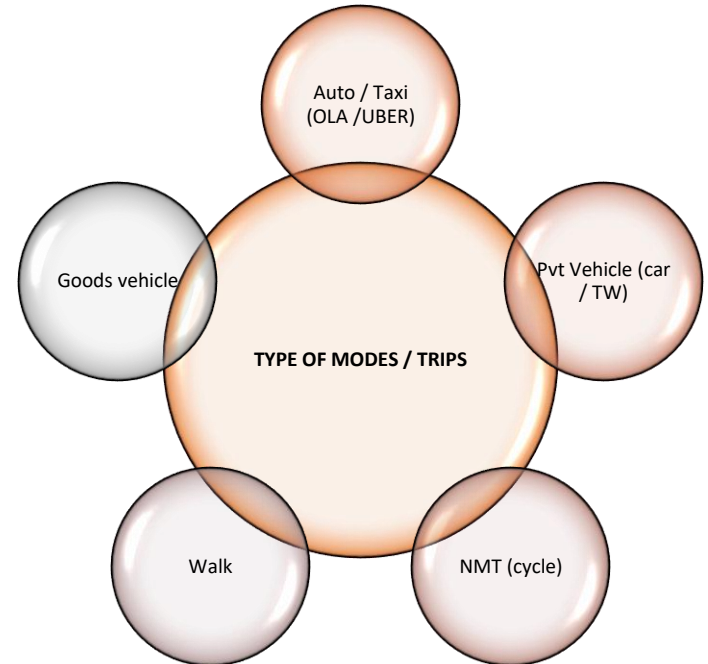
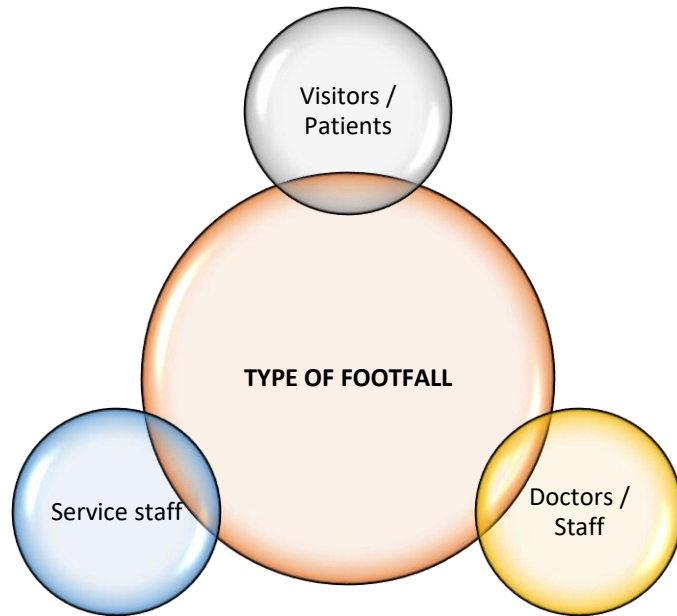
# Section 4

## Demand Estimation

- 1 Types of Footfall
- 2 Demand Estimation

# Types of Footfall

Various type of footfall within the Hospital premises is expected. These would use different modes which would require channelised flow from the access gate, parking (basement / surface) and surface level external road configuration.



# Demand Estimation | Similar Previous Studies

SNO	Hospitals	No of Beds	Entry + Exit Volume (Veh/hr) (As per the Primary Survey Conducted by the Consultant)	Trip Rate (Vehicle/Bed)
1	Fortis Hospital Sector 44, Gurugram	356	481	1.35
2	Fortis Hospital Shalimar Bagh, Delhi	360	320	0.88
3	Nearby Operational Max Superspeciality Hospital	450	290	0.64

- 0.64 vehicle/bed is the trip rate calculated from the previous primary survey conducted by the consultant over a similar kind of development.

*\*Source :- From our past studies & primary survey over similar kind of development*

# Demand Estimation

It is important to understand the existing site /network level issues, limitations and opportunities to prepare the improvement schemes. The figure shows the overall broad approach to the project.

Peak hour vehicular trip rate / bed for the proposed hospital –  $0.64 \text{ * Veh/bed}$

Total no of Beds MAX Nirogi Hospital (Proposed) – 365

Total no of Peak (Entry + Exit) Volume expected at MAX Nirogi Hospital – 234 Veh/hr.

Share of peak Entry:- 54%

Total no of Peak (Entry) Volume expected at MAX Nirogi Hospital – 126 Veh/hr.

*\*Source (Trip Rate) :- From our past studies & primary survey over similar kind of development*

## Section 5

### Key Concern & Recommendations

- 1 Planned Traffic Circulation
- 2 Key Concern
- 3 Recommendation
- 4 Conclusion

# Planned Circulation | Ground Level

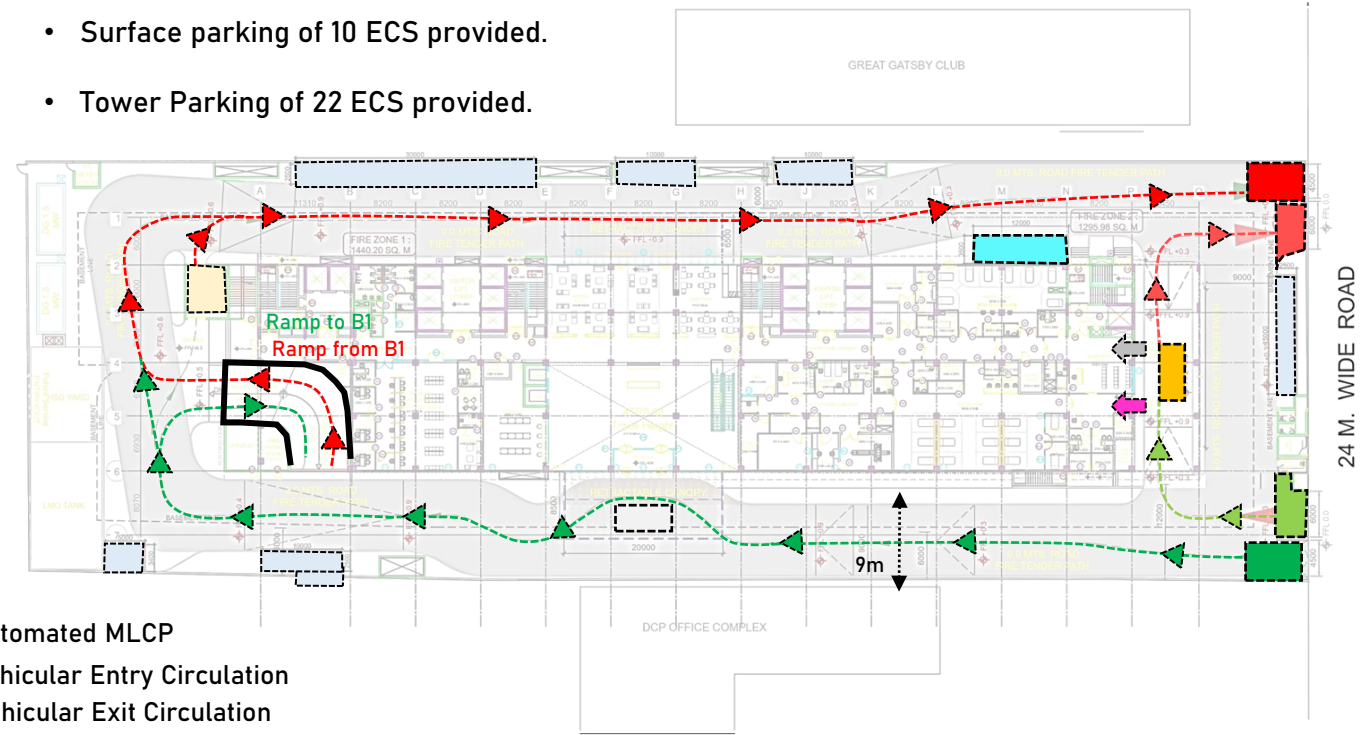
- The figure showing the proposed circulation at ground level.
- The inflow - Outflow routing of both emergency and visitor's vehicle are shown.
- Driveway are 9m wide.
- Basement Ramp is 7.2 m wide

- Surface parking of 10 ECS provided.
- Tower Parking of 22 ECS provided.

## Legends

- Entry
- Emergency Entry
- Exit
- Emergency Exit
- Emergency Drop off
- Visitor Drop off
- Surface Parking
- Ambulance Parking

- Automated MLCP
- Vehicular Entry Circulation
- Vehicular Exit Circulation
- Trolley Entry
- Walk In Patient Entry
- Basement Ramp













- 30% (132 ECS) of total parking are allotted for Electric Vehicle.

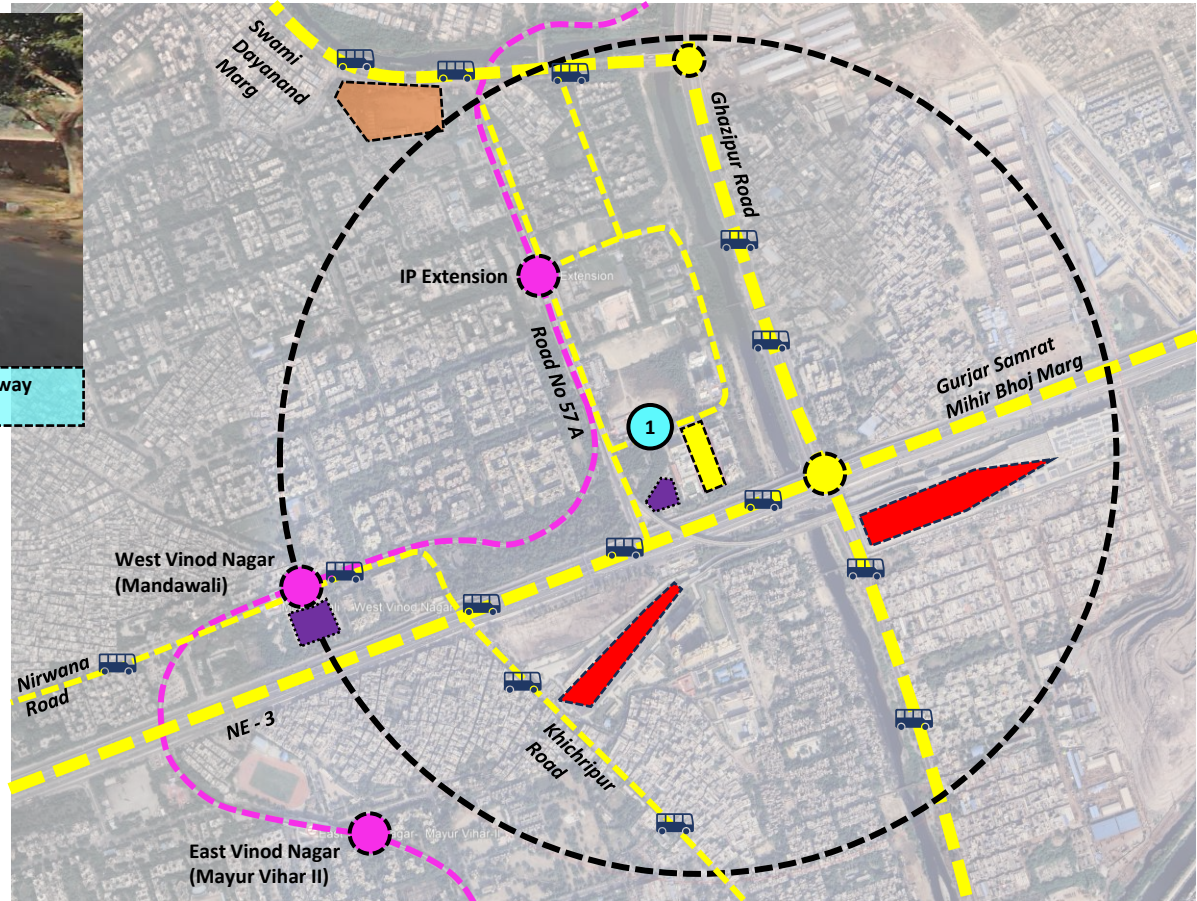
# Key Concern | Access Road



1. Road Marking and signage missing over the stretch having two-way Circulation

## Legends

-  Major Access Road
-  Metro Line (Pink)
-  Metro Stations
-  Metro Depot
-  Hasanpur Bus Depot
-  Existing Parking
-  Bus Stops
-  Major Junction
-  1000m influence area
-  Project Site













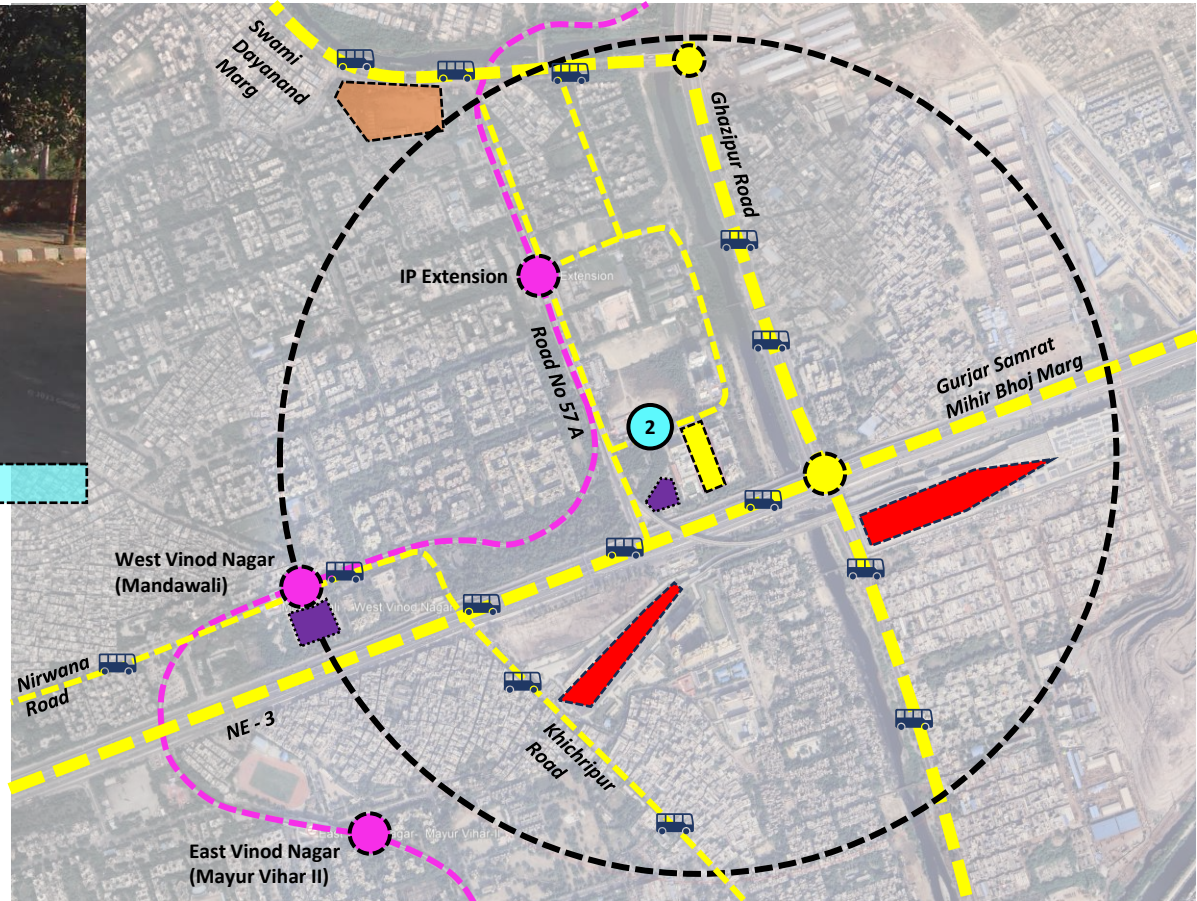
# Key Concern | Access Road



2. Discontinued Walkway

## Legends

-  Major Access Road
-  Metro Line (Pink)
-  Metro Stations
-  Metro Depot
-  Hasanpur Bus Depot
-  Existing Parking
-  Bus Stops
-  Major Junction
-  1000m influence area
-  Project Site













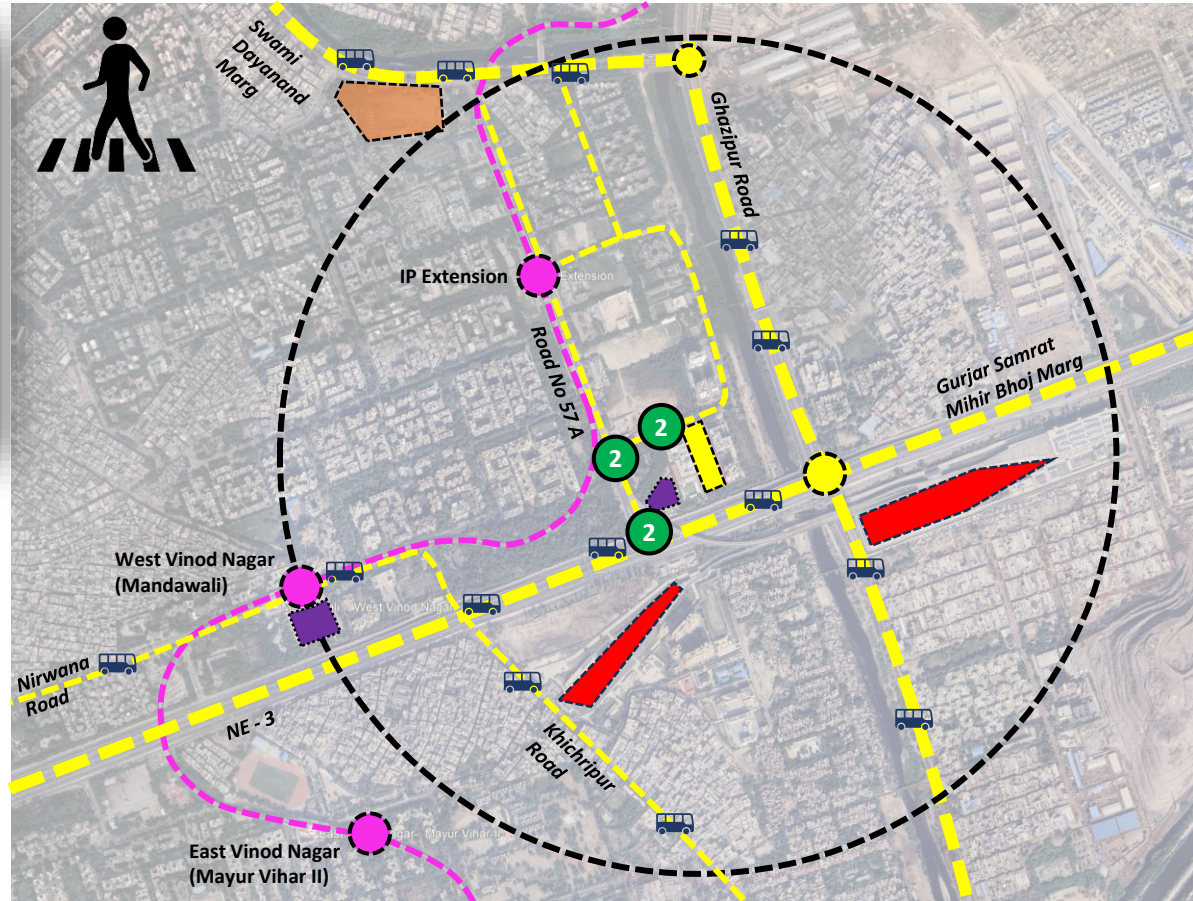
# Key Recommendation I Access Road



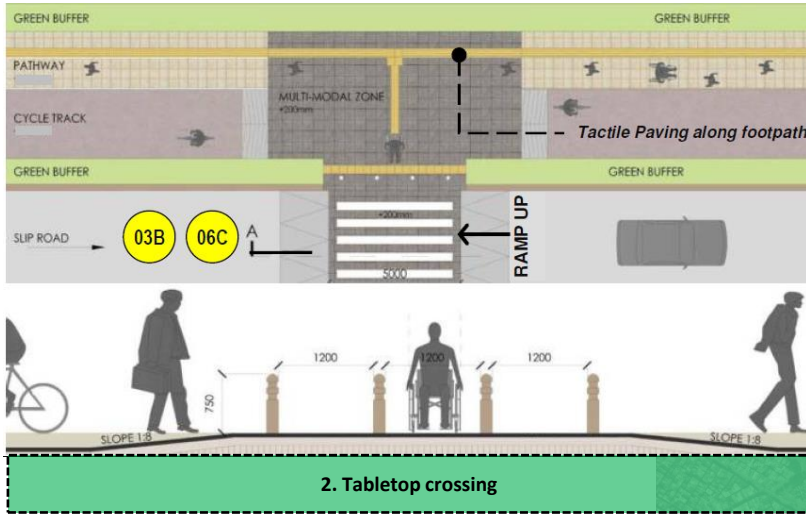
2. Tabletop crossing are recommended near Hospital access and at adjacent junctions for seamless pedestrian connectivity

## Legends

-  Major Access Road
-  Metro Line (Pink)
-  Metro Stations
-  Metro Depot
-  Hasanpur Bus Depot
-  Existing Parking
-  Bus Stops
-  Major Junction
-  1000m influence area
-  Project Site



# Key Recommendation I Access Road



## Legends

- Major Access Road
- Metro Line (Pink)
- Metro Stations
- Metro Depot
- Hasanpur Bus Depot
- Existing Parking
- Bus Stops
- Major Junction
- 1000m influence area
- Project Site













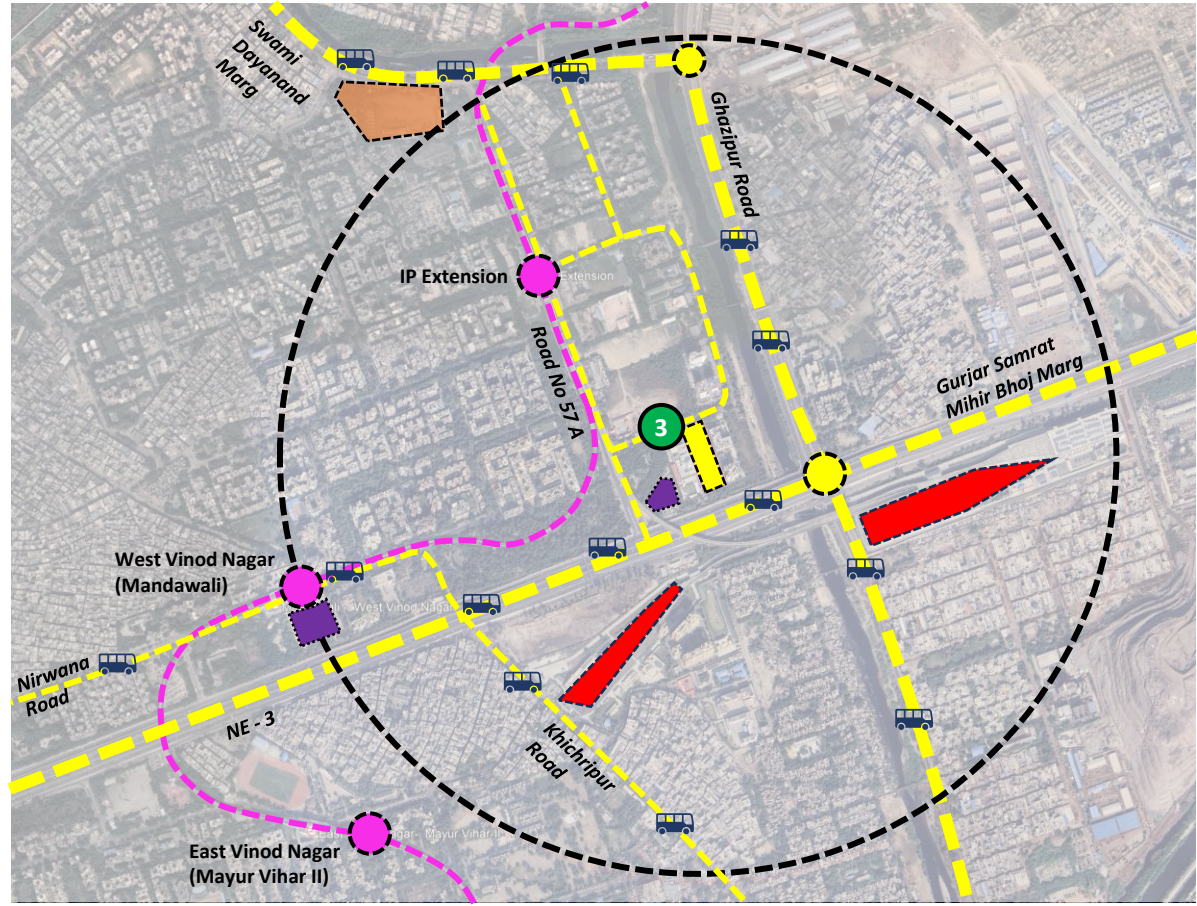
# Key Recommendation I Access Road



3. IPT Lay byes are recommended near project site

## Legends

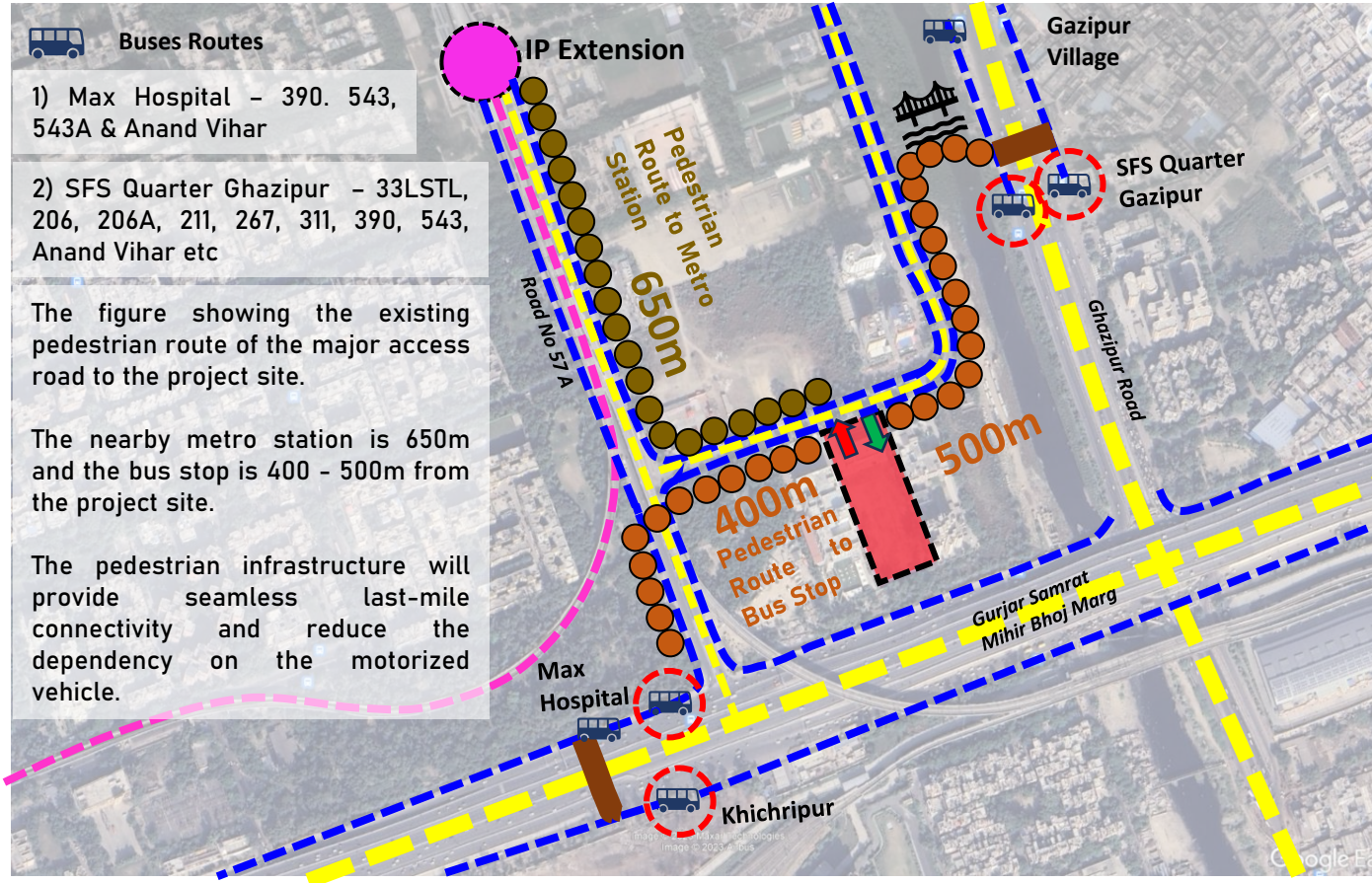
-  Major Access Road
-  Metro Line (Pink)
-  Metro Stations
-  Metro Depot
-  Hasanpur Bus Depot
-  Existing Parking
-  Bus Stops
-  Major Junction
-  1000m influence area
-  Project Site



# Conclusion I Public Transport Accessibility

## Legends

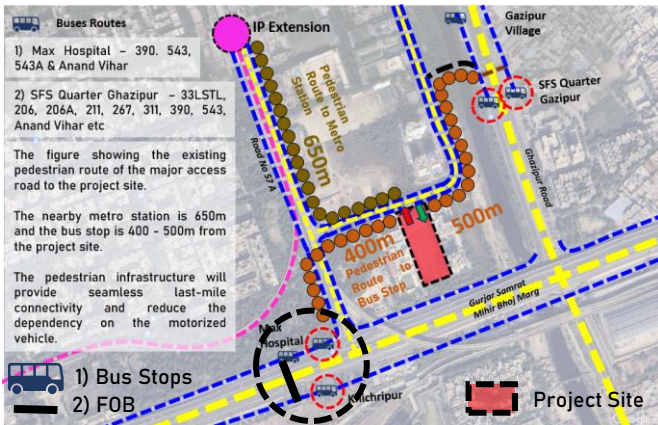
- Existing Footpath
- Major Access Road
- Metro Line (Pink)
- Existing Foot Over Bridge
- Existing Pedestrian Bridge
- Metro Stations
- Bus Stops
- Pedestrian Route to Metro Station (650m)
- Pedestrian Route to Bus Stop (400m)
- Entry (Gate No - 1)
- Exit (Gate No - 2)
- Project Site



# Conclusion I Public Transport Accessibility



1) Max Hospital – Bus Stop



2) Foot Over Bridge Connecting Max Hospital Bus Stop

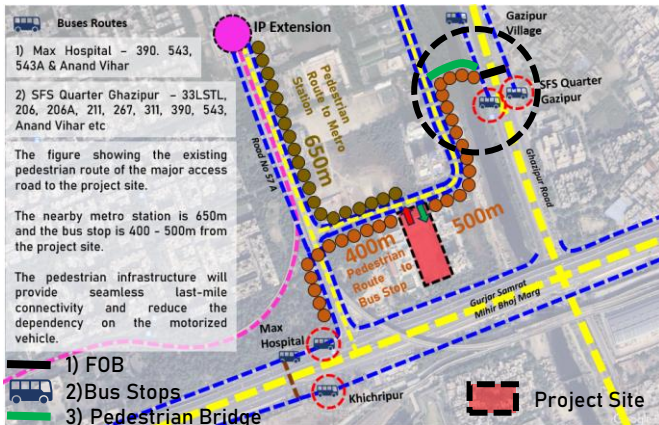
# Conclusion | Public Transport Accessibility



1) Foot Over Bridge connecting SFS Quarter Gazipur bus stop



2) SFS Quarter Gazipur bus stop

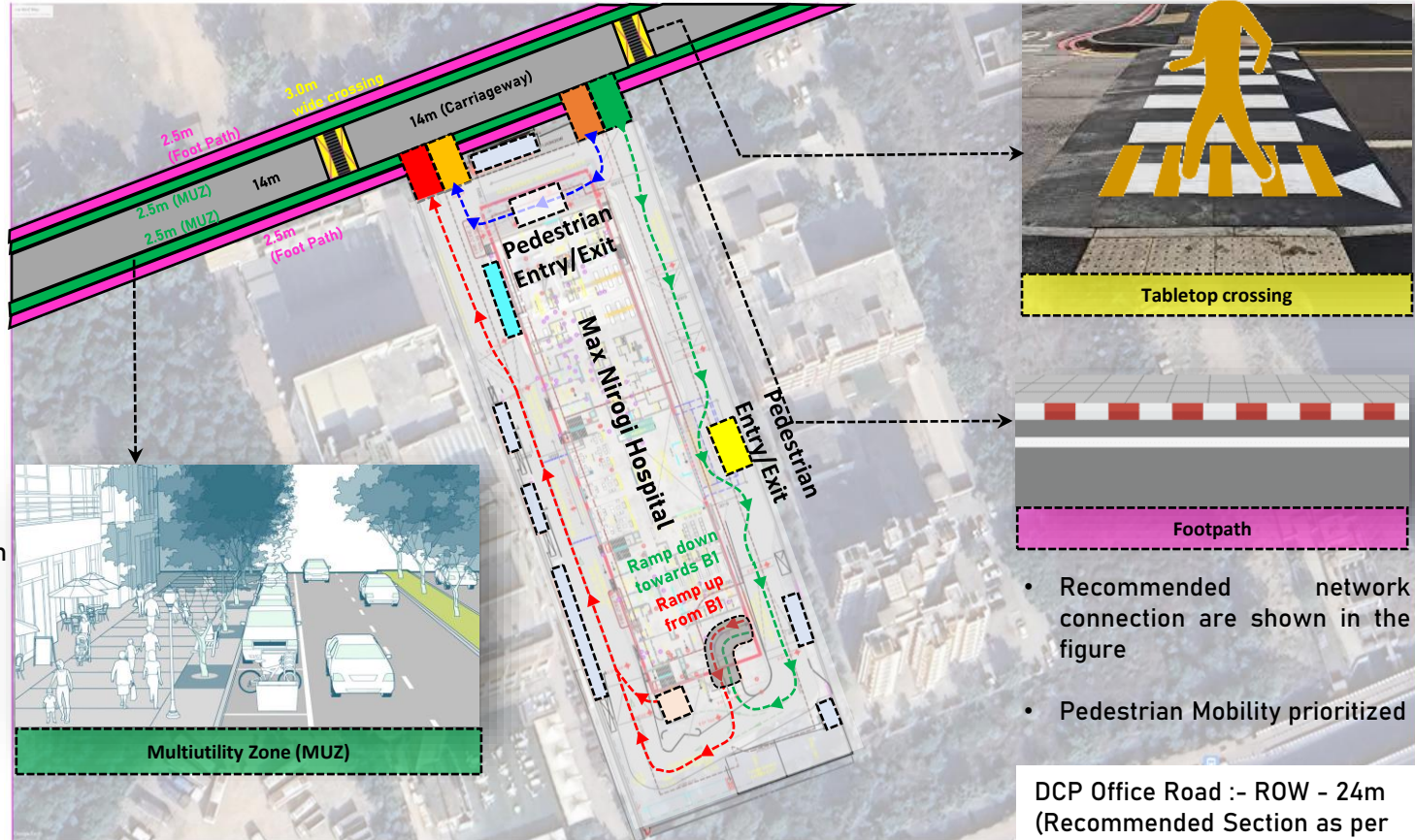


3) Pedestrian Bridge connecting CBSE Office Road

# Conclusion I Recommended Project Site Connectivity

## Legends

- Entry (Gate No - 1)
- Emergency Entry (Gate No - 1)
- Exit (Gate No - 2)
- Emergency Exit (Gate No 2)
- Emergency Drop off
- Visitor Drop off
- Surface Parking
- Ambulance Parking
- Automated MLCP
- Vehicular Entry Circulation
- Vehicular Exit Circulation
- Basement Ramp
- Footpath
- MUZ
- Tabletop Pedestrian Crossing



- Recommended network connection are shown in the figure
- Pedestrian Mobility prioritized

DCP Office Road :- ROW - 24m  
(Recommended Section as per  
UTTIPEC Guideline)

# Level of Service (LOS) - 2028

- The site's additional demand is estimated for the peak hour, which is 234 vehicles.
- The traffic generated from the upcoming development has a 3.4% share of the nearest junction volume.
- Hence the traffic demand generated from the upcoming development will have negligible impact on the surrounding network.



Distinction of LOS		
Level of service	Volume/ Capacity Ratio	Nature of flow
A	<0.30	Free flow
B	0.30-0.50	Reasonably free flow
C	0.50-0.70	Stable flow
D	0.70-0.90	Approaching unstable flow
E	1	Unstable flow
F	>1.00	Forced flow

# Conclusion

- The traffic attracted from the proposed site, does not impact the immediate access road LOS.
- The delay at the junctions can be reduced by providing the table-top crossing for pedestrian and traffic calming measures to be provided to reduce the speed of vehicles for safe crossings.
- The unsignalized junction near the project site would require signalization in the future when traffic volume will increase.
- The footpath or walkways and other pedestrian infrastructure to be provided for pedestrian movement on the 24 m wide DCP Office to CBSE Road & 45m wide Road no 57A.
- The access road recommended to be following UTTIPEC street design guidelines.
- IPT facilities (bays) to be provided for efficient pick up & drop off.
- Around 15m – 30m of holding length recommended to be provided on all gates.
- The entry and exit boom barriers to be FasTag and RFID enabled.
- 30% of total parking are provided for Electric Vehicles.
- External road network is expected to operate on same LOS B for horizon year 2030, due to the excellent PT connectivity of the project site.
- The project has the excellent existing connectivity with public transport, which in future are planned to enhance. This shows the potential of the project site of converting the vehicular trips to public transport trips.
- The pedestrian infrastructure will provide seamless last mile connectivity and reduce the dependency on the motorized vehicle.
- The expected peak hour traffic from the project site is not expected to create delays at network level.

# महिला अदालत में केजरीवाल ने केंद्र सरकार को घेरा

## आप प्रमुख ने कहा, भाजपा और केंद्रीय गृह मंत्री दिल्ली के लोगों ने सुरक्षा देने में विफल रहे

● त्यागपत्र स्वीकार में आयोजित कार्यक्रम में केजरीवाल ने कहा, दिल्ली की महिलाएँ लोटे लिए घेरे जा रही हैं, उन्हें अपनी हत्या और न्याय मिलने चाहिए



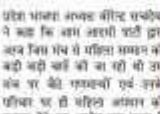
एनएचएम में आयोजित महिला सुरक्षा कार्यक्रम में अंशु मलिक (बाएं) भाजपा, सीएम अरविंद केजरीवाल के साथ शामिल हुए।

अपने आरोपी नहीं होने की पुष्टि करवाए। अरविंद केजरीवाल ने महिला सुरक्षा और दिल्ली की न्याय व्यवस्था पर केंद्र सरकार को घेरा। उन्होंने भाजपा और केजरीवाल की सुरक्षा अधिकारियों को घेरा और अंशु मलिक को अलग-अलग कमरे में अलग-अलग कर दिया।

इसके बाद सुरक्षा अधिकारियों के लिए अलग-अलग कमरे दिए गए। अंशु मलिक को अलग-अलग कमरे में अलग-अलग कर दिया। अंशु मलिक को अलग-अलग कमरे में अलग-अलग कर दिया।

# अखिलेश को बुलाना निर्भया का अपमान : सखदेवा

अखिलेश को बुलाना निर्भया का अपमान : सखदेवा



अखिलेश को बुलाना निर्भया का अपमान : सखदेवा

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# महिला सुरक्षा को बना रहे चुनावी हथकंडा : देवेन्द्र यादव

महिला सुरक्षा को बना रहे चुनावी हथकंडा : देवेन्द्र यादव



देवेन्द्र यादव

महिला सुरक्षा को बना रहे चुनावी हथकंडा : देवेन्द्र यादव

अखिलेश को बुलाना निर्भया का अपमान : सखदेवा

अखिलेश को बुलाना निर्भया का अपमान : सखदेवा

# कांग्रेस से दूरी, आम आदमी पार्टी से नजदीकी

कांग्रेस से दूरी, आम आदमी पार्टी से नजदीकी

कांग्रेस से दूरी, आम आदमी पार्टी से नजदीकी

कांग्रेस से दूरी, आम आदमी पार्टी से नजदीकी

# लंबित 14 कैग रिपोर्ट सदन पटल पर रखें : उपराज्यपाल

लंबित 14 कैग रिपोर्ट सदन पटल पर रखें : उपराज्यपाल

● एलबी ने सुदृष्टता और अतिथि को प्राथमिकता देकर लंबित रिपोर्टों को सदन पटल पर रखें



अंशु मलिक

लंबित 14 कैग रिपोर्ट सदन पटल पर रखें : उपराज्यपाल

लंबित 14 कैग रिपोर्ट सदन पटल पर रखें : उपराज्यपाल

# अखिलेश को बुलाना निर्भया का अपमान : सखदेवा

अखिलेश को बुलाना निर्भया का अपमान : सखदेवा

अखिलेश को बुलाना निर्भया का अपमान : सखदेवा

अखिलेश को बुलाना निर्भया का अपमान : सखदेवा

# महिला अदालत पर मालीवाल का तंज

महिला अदालत पर मालीवाल का तंज

महिला अदालत पर मालीवाल का तंज

महिला अदालत पर मालीवाल का तंज

# पैरा एथलेटिक्स में बच्चों ने दिखाई प्रतिभा

पैरा एथलेटिक्स में बच्चों ने दिखाई प्रतिभा

● बच्चों ने पैरा एथलेटिक्स में प्रतिभा दिखाई



बच्चों ने पैरा एथलेटिक्स में प्रतिभा दिखाई

पैरा एथलेटिक्स में बच्चों ने दिखाई प्रतिभा

पैरा एथलेटिक्स में बच्चों ने दिखाई प्रतिभा

# इसूटी पर लापरवाही में नंद नगरी थाने के चार पुलिसकर्मी निलंबित

इसूटी पर लापरवाही में नंद नगरी थाने के चार पुलिसकर्मी निलंबित

● नंद नगरी थाने के चार पुलिसकर्मी निलंबित

नंद नगरी थाने के चार पुलिसकर्मी निलंबित

इसूटी पर लापरवाही में नंद नगरी थाने के चार पुलिसकर्मी निलंबित

इसूटी पर लापरवाही में नंद नगरी थाने के चार पुलिसकर्मी निलंबित

# क्रिसमस-नए साल के जश्न से पहले सुरक्षा हुई कड़ी

क्रिसमस-नए साल के जश्न से पहले सुरक्षा हुई कड़ी

● सुरक्षा कड़ी, यूएन को दिल्ली प्रवेश के 30 से अधिक स्थानों पर 2,500 से अधिक पुलिसकर्मी को किया जा रहा तैनात



पुलिस कर्मी

क्रिसमस-नए साल के जश्न से पहले सुरक्षा हुई कड़ी

क्रिसमस-नए साल के जश्न से पहले सुरक्षा हुई कड़ी

# अखिलेश को बुलाना निर्भया का अपमान : सखदेवा

अखिलेश को बुलाना निर्भया का अपमान : सखदेवा

अखिलेश को बुलाना निर्भया का अपमान : सखदेवा

अखिलेश को बुलाना निर्भया का अपमान : सखदेवा

# एनडीएमसी वायु प्रदूषण नियंत्रण के लिए बिजली के खंभों पर लगाएगा मिस्ट स्पेयर

एनडीएमसी वायु प्रदूषण नियंत्रण के लिए बिजली के खंभों पर लगाएगा मिस्ट स्पेयर

● लोहे की खंभों पर बिजली के खंभों पर लगाएगा मिस्ट स्पेयर



मिस्ट स्पेयर

एनडीएमसी वायु प्रदूषण नियंत्रण के लिए बिजली के खंभों पर लगाएगा मिस्ट स्पेयर

एनडीएमसी वायु प्रदूषण नियंत्रण के लिए बिजली के खंभों पर लगाएगा मिस्ट स्पेयर

# अखिलेश को बुलाना निर्भया का अपमान : सखदेवा

अखिलेश को बुलाना निर्भया का अपमान : सखदेवा

अखिलेश को बुलाना निर्भया का अपमान : सखदेवा

अखिलेश को बुलाना निर्भया का अपमान : सखदेवा

**निरोगी चैरिटेबल एवं मेडिकल रिसर्च ट्रस्ट**  
 सार्वजनिक सूचना - पर्यावरण मंजूरी

सर्व सहायता को सुचित किया जाता है कि निरोगी चैरिटेबल ट्रस्ट मेडिकल रिसर्च ट्रस्ट, पटपटनगर, नई दिल्ली को पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय द्वारा सामुदायिक सुविधा संस्थागत परिसर, मंडावली फाउलपुर, पटपटनगर, दिल्ली-110092 में नए हॉस्पिटल के निर्माण के लिए पर्यावरण मंजूरी दी गई है, जिसके लिए ई.सी. पहचान संख्या EC24C3804DL5173605N दिनांक 11.12.2024 है।

पर्यावरण मंजूरी की प्रति पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय के परियोजना एवं मैक हेल्थकेयर इंस्टीट्यूट लिमिटेड की वेबसाइट पर उपलब्ध है।

लिनक नीचे संलग्न है:  
<https://parivesh.nic.in/newupgrade/#/trackYourProposal>  
<https://www.maxhealthcare.in/environmental-clearances>

इच्छुक व्यक्ति प्रतिक्रिया देते भी संपर्क कर सकते हैं:  
 निरोगी चैरिटेबल एवं मेडिकल रिसर्च ट्रस्ट  
 कम्युनिटी चैरिटेबल इंस्टीट्यूट्स कांग्रेस, मंडावली फाउलपुर, पटपटनगर, दिल्ली-110092  
 फ़ोन: 011 4303 3333, 011 7124 1000  
[www.maxhealthcare.in](http://www.maxhealthcare.in)







**GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI**  
**HEADQUARTERS: DELHI FIRE SERVICE: NEW DELHI- 110001**



No. F.6/DFS/MS/BP/2024/ 21

Dated 24/01/2024

To

The Executive Engineer (Bldg.) HQ,  
Municipal Corporation of Delhi,  
Dr. S.P.M Civic Centre, JLN Marg,  
Delhi-110002.

**Subject: Regarding conditional approval of building plans from fire safety point of view in r/o Property No.5, Community Facility, Institutional Complex, Mandawali Fazalpur, near DCP Office, Patparganj, Delhi-110092.**

Sir,

Please refer your online request ID No. 10117205 dated 16.01.2024 on the above cited subject. In this connection, this is to inform you that the online building plans in respect of proposed Hospital Building (Institutional occupancy) & Automated Multi Level Car Parking (Storage Occupancy) at Property No.5, Community Facility, Institutional Complex, Mandawali Fazalpur, near DCP Office, Patparganj, Delhi-110092, have been scrutinized by this department from fire safety point of view. The details of the buildings area as under:

S. No.	Particulars	Details
1.	Occupancy	Hospital Building (Institutional occupancy) & Automated Multi Level Car Parking (Storage Occupancy)
2.	No. of floors	03 Basement+ Ground+ 10 Upper Floor
3.	Plot Area	8463.24 m <sup>2</sup>
4.	Height	44.950 m
5.	<b>Total Covered Area and use of Institutional Block</b>	
	3 <sup>rd</sup> Basement	5616.91 Sqm. Parking, STP, Electrical Room, Fam Room, C.T. Simulator, Brachytherapy Minor O.T., Linac Control Rooms, Liner Accelerator Room, Registration cum Waiting area
	2 <sup>nd</sup> Basement	5648.08 Sqm. Panel Room, AHU, UPS room, Pump room and hot water system, Nurse change room, Electrical Panel, Grieving Room, Mortuary Room, Gas Manifold, Parking Punching, Uniform issue, Biowaste, Autoclave
	1 <sup>st</sup> Basement	5609.41 Sqm Physiotherapy, Dispersing Health, Radioactive Source Storage, Post Admin Waiting Area, Hot Water System, Fire Pump Room, Chemo Day Care, Waiting Halls, Bone lensometry, MRI, CT scan, IPD, Billing Area, Ultrasound, Loading Unloading Area, Transformers, Central Kitchen, Hot Water System etc.
	Ground Floor	2791.08 Sqm Disaster Management Room, Emergency, HOD Resuscitation Room, Trige Area, MRI, C.T. Scan, Admission Area, Waiting Hall, Cafeteria, Minor O.T., AHU, Plaster Room, Observation, Fire Control Room.
	1 <sup>st</sup> Floor	2841.06 Sqm Waiting Hall, OPD Registration, Pantry, Reception, Electrical room
	2 <sup>nd</sup> Floor	2845.32 Sqm. Waiting Hall, Dialysis, HEP, Dialysis/endoscopy, Blood Bank, Phlebotomy, Component Lab, Serology Lab.
	3 <sup>rd</sup> Floor	3189.75 Sqm. O.T., Cath Lab, Nurse Station, Pre/Past Cath Lab, TCU, Transplant Room, Pantry, Doctor Room, Consulting Room, AHU, Pre/Past operative Store, Isolation, CTVS
	4 <sup>th</sup> Floor	3185.42 Sqm. O.T., Stores, Pre/Past Operative Doctor / nurse lounge change room, Isolation, ICU, Airlock.
	5 <sup>th</sup> Floor	3195.45 Sqm. Isolation, Nurse/ Doctor lounge, Pre and Past Operative operation Theatres, Store ICU, Waiting Hall
	Service Floor	3370.13 Sqm Level – 24.500m, Refuse Area,

*Property No.5, Community Facility, Institutional Complex, Mandawali Fazalpur, near DCP Office, Patparganj, Delhi-110092*

*(Handwritten signatures)*

6 <sup>th</sup> Floor	2927.97 Sqm Patient Room, Pantry, Patient ward, Waiting Hall, Refuse Area
7 <sup>th</sup> Floor	2786.86 Sqm. Nurse Room, Hub Room, Pantry, Waiting Hall
8 <sup>th</sup> Floor	2813.40 Sqm Nurse Room, Doctor Room, Medication Room, Pantry, Waiting Room
9 <sup>th</sup> Floor	2882.61 Sqm Nurse Room, Pantry, Waiting Hall
10 <sup>th</sup> Floor	3071.88 Sqm. Training Room, Meeting Room, Reception, Waiting Hall, Nurse Room, Doctor Room, Pantry, Board Room.
6.	<b>Proposed covered area of Automated Multi Level Car Parking</b> 217.75 Sqm
7.	No. of staircases Total 04 Staircases of 2m wide and 03 staircases of 1.5 m wide including 02 fire towers are proposed in the building. Out of them 02 staircases and 02 fire towers of 2m wide are serving from Basement-3 to terrace level. One staircase of 1.5m wide is serving from fire pump room to (Basement-1) to ground floor and one staircase of 1.5m wide is serving from transformer room (Basement-1) to ground floor. One staircase of 1.5 m wide is serving for Automated Multilevel Car Parking from ground floor to terrace level.
8.	Refuge area Refuge Areas are proposed at Service floor (Level 24.500 m), 6 <sup>th</sup> floor (Level 26.900 m) and 10 <sup>th</sup> Floor (Level 41.350 m). Total proposed Refuge area is 180 Sqm. on each floor.
9.	No. of lifts Total 15 Nos. of lifts are proposed in the building
10.	Ramp One ramp of 7.2 m wide is serving from 3 <sup>rd</sup> basement to ground floor

**There is no objection to this department for the construction of proposed Hospital Building and Automated Multilevel Car Parking subject to the compliance of the following fire safety recommendations: -**

- 1. Access to building:** The premises is located on 24 meter wide main road and accessible through 04 main gates including 02 nos. gates of 6.0 meter wide and 02 nos. gate of 4.5 m wide. The entrance gates shall fold back for free movement of fire service vehicles against the compound wall of the premises thus leaving the exterior access way with in the plot. 09 meter wide fire tender movement road with 12 meter turning circle capable of taking the load of fire engine weighing up to 45 tonnes, shall be ensured as per the provision of clause 8.2 of UBBL 2016. **Provision shall be made in the retractable canopy that in case of fire/emergency it shall be folded back.**
- 2. Number, width, type and arrangement of exits:** Staircases as mentioned in table above are proposed in the buildings. This meets the requirement of travel distance as per UBBL 2016. The clear-cut width of the staircases/exits shall be maintained at the time of completion and exits/staircases shall meet the requirement of UBBL-2016. The staircases serving to the basements shall be segregated at ground floor as per clause 7.11(t) of UBBL 2016 and continuous up to terrace level as per clause 7.11(m) of UBBL 2016. The exit doorways shall be openable from the side, which they serve without the use of a key as per clause 7.12.5 of UBBL 2016. The width of doors shall not be less than 1.25 m in case of patient room upto 2 beds and not less than 2 m in case of patient wards. The width of corridors shall not be less than 2.4 meters as per clause 7.11.2(e) of UBBL 2016. The width of exit doors shall be equivalent to the width of that staircase as per clause 7.12.2 of UBBL 2016. Further, the design of fire tower shall be as per clause 1.4.46, 9.3.13 of UBBL-2016. Horizontal walkway in Automated Multi Level Car Parking shall be ensured as per Annexure H of NBC Part-IV 2016.
- 3. Protection of exits by means of fire check doors and or pressurization:** The fire check doors of minimum 2hrs fire resistance rating shall be provided at the entrance of lift lobbies and staircases as marked on building plans. Pressurization system for staircases, lift wells and lift lobbies shall be installed as per the requirement of NBC Part-IV 2016/UBBL-2016. The fire check doors shall conform to IS 3614:2021.  
**Condition: Entry to the lift shall be protected with fire check doors as per clause 8.4.4 of UBBL-2016.**
- 4. Compartmentation:** The building shall be suitably compartmentalized so that the fire / smoke remains confined to the area where fire incidents have occurred and does not spread to the remaining part of the building. This shall conform to clause 8.4.6 of UBBL-2016 & 4.5.2 of NBC Part-IV 2016. The compartmentation shall be achieved by means of fire barrier having fire resistance rating of 120 min. **The escalator area is not compartmented/protected as per clause 4.2.7 of NBC Part-IV 2016, same shall be ensured.** The entry to the lift shall be protected as per clause 4.2.7 of NBC Part-IV 2016. This shall conform to clause 8.4.6 of UBBL-2016 and NBC Part-IV 2016 including Clause 6.3.2 of the Code. Occupancies above 30 meter shall be in accordance with the clause 6.3.2 (g) of NBC Part-IV 2016.

*(Handwritten signature)*

- I. The services, standby generator, store etc. must be segregated from other by erecting fire-resisting wall of not less than 04 hours rating. Each of the compartments must be individually ventilated and the opening for entry into each of these compartments must be fitted with self-closing fire / smoke check doors of not less than one hour fire rating fitted with magnetic latches.
- II. All electric cables ducts and shafts shall be properly sealed at all floors with fire resisting material of similar rating. These shafts shall be minimum 02 hours fire rating.
- III. Under no circumstances, two services shall pass through the same shaft, i.e. separate shaft be used for different purpose.
- IV. All vertical and horizontal openings including the gap between the glazing and the slab at each level in entire building shall be sealed properly with the non-combustible material having 02 hr fire resistance. The glass facade of the building shall conform to clause no. 8.4.9 of UBBL 2016. Wherever false ceiling / suspended ceiling is provided, the same shall be of non-combustible in nature and that the compartmentation shall be extended up to ceiling level. Glass used as compartment wall shall be two hour fire resistant.
- V. Compartmentation at floor levels shall be strictly as per clause 4.5 of NBC Part-IV 2016. Further all the occupancies are also required to be separated by a 240 min Fire resistance rating as per clause 3.1.11 of NBC Part-IV 2016.  
**Condition: The escalator area is not compartmented/protected as per clause 4.2.7 of NBC-IV, 2016, same shall be ensured.**
5. **Smoke Management System:** Smoke control facilities shall be provided as per NBC Part-IV 2016, Fire and Life Safety. Mechanical extractors shall have an interlocking arrangement and the system shall be of such design as to operate on actuation of heat/ smoke sensitive detectors or sprinklers. Smoke extractor system shall be designed to permit 12 air changes per hour in case of fire. A system of fresh air supply shall be provided at floor level and smoke outlet at ceiling level. Following points shall be ensured,
  - i. All ducting shall be constructed of substantial gauge metal conforming to IS: 655. Air duct serving main floor areas, corridors etc. shall not pass through the staircases enclosures.
  - ii. Automatic fire dampers shall be provided in the ducts at the inlets of the fresh air and return air of each compartment/floor.
  - iii. Automatic fire dampers shall be closed automatically upon operation of a detector/sprinkler.
  - iv. The air ducts for every floor/compartment shall be separated. In no way inter-connected with the ducting of any other compartment.
  - v. Under no circumstances, plenum shall be used as "return air passage" for air conditioning purposes.
  - vi. Smoke management plans shall be rectified accordingly.
6. **Fire Extinguishers:** The portable fire extinguishers of ISI mark suitable to risk shall be provided in all building in accordance with IS -2190/ 2010.
7. **First Aid Hose Reels:** Hose reel containing 30m length of 20 mm bore terminating into a shut-off nozzle of 5 mm outlet connected directly to riser shall be provided in proposed building and Automated Multilevel Car Parking building. This shall conform to IS: 884/1998.
8. **Automatic Fire Detection and alarming systems:** Automatic fire detection system i.e. smoke / heat detection system shall be provided in all areas of building including machine rooms, electrical shafts, air handling ducts and above false ceiling as per clause 9.3.9 of UBBL-2016. The system shall be connected to fire alarm system and shall conform to IS: 2189 /2008.
9. **MOEFA (Manually Operated Electric Fire Alarm):** Manually operated fire alarm including talk back system shall be installed in the building as per National Building Code part-4 -2016 and the same shall conform to IS-2189/2008.
10. **Public Address System:** The public address system shall be provided in the building having loudspeakers in the common area. The microphone, amplifier and control switches of public address system shall be installed in the fire control room.
11. **Automatic sprinkler system:** The Automatic sprinkler system shall be installed in the entire building including basements alongwith in rack sprinklers in stack parking (if any) as per clause 9.3.9 of UBBL-2016/ NBC Part-IV 2016, in accordance with BIS: 15105 / 2021, clause H-4 of Annexure H of NBC Part-IV 2016. **Further, side wall sprinklers shall be installed on the wall between hospital building and automated multilevel car parking.** Flow alarm switch/gong shall be incorporated in the installation for giving proper indication/sound. The pressure guage shall also be provided near the testing facility. The entire system including pump capacity and head, size of pipe network, orifice control etc. shall be provided in accordance with the relevant code. Fire service inlet shall also be provided at ground level.

- 12. Internal Hydrants and Yard Hydrants:** The Wet riser and yard hydrants system shall be provided in building premises as per clause 9.3.9 of UBBL-2016 and the same shall conform to IS 3844/1989. Its design shall be such that it can be readily opened in an emergency. Each box shall contain two lengths of 63 mm diameters, 15 m length, rubber line delivery hoses conforming to IS : 636 complete with 63 mm instantaneous coupling conforming to IS: 903 with nozzle of 16 mm diameter. Yard hydrants shall be provided in the building premises as shown on plans and the same shall conform to IS 13039/1991.
- 13. Pumping arrangements:** A fire pump house having three numbers of electrically driven pumps having capacity 2280 LPM (one for hydrant, one for sprinkler system and one for water curtain), one diesel driven standby pump of capacity 2280 LPM, and two jockey pumps of 180 LPM capacity shall be provided. Further a terrace pump of 900 LPM shall be provided on the terrace of Automated Multi Level Car Parking. The pumps shall have suitable head and shall be automatic in operation as per NBC Part-IV 2016. Suitable orifice plate/ reducer shall be provided to maintain the requisite pressure of 3.5 Bars at the remotest point.
- 14. Captive Water Storage for firefighting:** An underground water storage tank of 2,00,000 ltrs. capacity and overhead water storage tank of 20,000 liters capacity on the terrace of hospital building, and overhead tank of 10,000 liters on the terrace of Automated Multilevel Car Parking shall be provided for fire-fighting system. The fire water tank shall be made of RCC or MS and shall be used for fire-fighting purpose only. The replenishment through bore well or from the town mains shall be ensured @ 1000 LPM. This shall conform to the requirements given in NBC Part-IV 2016. Fire Service Inlet shall also be provided. Draw off connection/ fire service inlet shall be provided. This shall conform to the requirements given in National Building Code of India Part IV, 2016. Further, a ladder or any other form of open access to the overhead tank for inspection shall be provided as per clause 7.10.3 of UBBL 2016.
- 15. Exit Signage:** Exit signs shall be provided in the building at appropriate locations. Floor level marking, all exits and exit way marking signs in entire complex must be illuminated and wired to independent circuit supplied by alternate source of power supply. Wiring for the illuminated exit signs shall be suitably protected against fire. Illuminated / glowing strips paint shall be provided at each level to guide the direction for escaping towards a safe place. The sizes and color of the exit signs shall be as per IS 9457:2005.
- 16. Provision of Lifts:** Lifts as indicated in the table above, are proposed to be provided in the building. These lifts shall be installed strictly in accordance with the provision of clause 9.3.3 of UBBL-2016. The lifts connected to the fire towers shall be fire lift, as per clause 9.3.13 of UBBL-2016.
- 17. Standby Power Supply:** As per clause 8.5.3 of UBBL-2016 emergency lighting, exit signs, staircase and corridor lighting circuit, all fire pumps, smoke extraction system shall be powered from an additional source of power supply like generator and shall be automatic in action. The emergency lighting system shall be capable of continuous operation for a minimum duration of 1 hour and 30 minutes. The emergency lighting shall be provided to be put on within 1 second of the failure of the normal lighting supply.
- 18. Refuge Area:** Refuge Areas are proposed at Service floor (Level 24.500 m), 6th floor (Level 26.900 m) and 10th Floor (Level 41.350 m). Total proposed Refuge area is 180 Sqm. on each floor. Refuge area shall be conforming to clause 9.3.7(b) UBBL 2016. Further all other provision mentioned in clause 9.3.6, 9.3.7 of UBBL-2016 shall also be complied.
- Condition: Refuge area is not connected with the staircase same shall be ensured as per clause 9.3.7 of UBBL-2016.**
- 19. Fire Control Room:** Fire control room shall be established at entrance floor in accordance with the provisions contained in clause 9.3.10 of UBBL-2016. The fire control room shall have communication (suitable public address system) to all floors and facilities for receiving the message from different floors. Details of all floor plans along with the details of firefighting equipment and installations shall be maintained in the fire control room. The fire control room shall also have facilities to detect the fire on any floor through indicator board connections; fire detection and alarm system on all floors. The fire staff in-charge of the fire control room shall be responsible for the maintenance of the various services and firefighting equipments and installations in co-ordination with securities, electrical and civil staff of the building.
- 20. Special Fire Protection Systems for protections of Special risks:** The construction of electric sub-station and installation of Dry Transformer, LT & HT panels shall be as per the provisions specified by the Electrical Authority. However, the following points shall be followed:
- The HT/LT panels shall be separated from the other areas with the walls of 2 hours fire resistance rating. It is necessary to separate shield wall extending up to the one meter on sides above the highest point of the transformer. All electrical panel should be provided with special fire protection systems as applicable shall be provided as per clause 5.1.4, 5.1.5, 5.1.6 of NBC Part-IV 2016.

- b. The electric distribution cables/wiring shall be laid in a separate duct. The duct shall be sealed at every floor with non-combustible materials having the same fire resistance as that of the duct. Low and medium voltage wiring running in shaft and in false ceiling shall run in separate conduits;
- c. Water mains, telephone lines, intercom lines, gas pipes or any other service line shall not be laid in the duct for electric cables; use of bus ducts/solid rising mains instead of cables is preferred.
- d. Separate circuit for firefighting pumps, staircases and corridor lighting and blowers for pressurizing system shall be provided directly from the main switch gear panel and these circuits shall be laid in separate conduit pipes, so that fire in one circuit will not affect the others.
- e. The inspection panel doors and any other opening in the shaft shall be provided with air tight doors having fire resistance of not less than 2 Hrs. the electric installations shall be as per BIS 1646.
- f. The fire protection of kitchens if any shall be done as per clause G 5.2 of NBC Part-IV 2016.
- g. Atrium if any shall strictly meet the requirement of Annexure F of NBC Part-IV 2016.
- h. The fire protection for the steel structure shall be provided as per provision contains in NBC-2016 during the construction.
- i. All safety provisions for the Electric Vehicle Charging Station shall be provided in accordance with Chapter-XI of the notification issued by Central Electricity Authority, published in "Gazette of India" bearing NO. CEI/1/2/2018 dated 28.06.2019 and clause 10.5 (appendix-II), UBBL -2016 amended on 12.02.2020, if any.
- j. All types of electrical installations such as meter box, circuit breaker, main switchgear, electrical vehicle charging port, associated equipments, which acts as energy supply points and can trigger fire hazard are not allowed under or near the staircase. If installed in stilt area, these should be encased with fire retardant material shall be provided as per clause 8.5.2 of modified UBBL 2016.
- k. Nothing in contravention of the notification number CEI/1/9/2020/263-294 dated 03.05.2021, issued by Central Electricity Authority as modified upto date.

Open set back area, FAR, height restrictions, use of basement etc. are not checked as it shall be checked by concerned building authority/competent authority. **The approval of building plans for the proposed occupancy/layout of the floors shown on the plans shall be valid for a period of 05 years as per the clause 2.4 of UBBL-2016.** Any subdivision of the floors, change of trade/use or re-validation shall only be done with the prior approval of this department.

It shall be ensured that provisions of all requisite fire and life safety measures stipulated in UBBL-2016 & National Building Code of India Part-IV, 2016 shall be complied in letter and spirit before the occupancy of the building under intimation to this department. It may also be noted that aforesaid clearance is not an FSC / NOC from Delhi Fire Service. The Fire Safety Guidelines issued earlier vide this office letter No. F6/DFS/MS/BP/2017/351 dated 05/12/2017 shall stand cancelled and may be treated as null & void.

**The building sanction authority shall ensure correction in the building plans as mentioned above at Sr. No. 3,4 & 18 in bold letters of this approval letter No. F.6/DFS/MS/BP/2024/ 21 dated 24/01/2024 before release of plans.**

Yours faithfully,

  
 (Arun Garg)  
 Director  
 Tel. No. 23414000  


SHREE J I COAL COMPANY

KH. NO.181, MUHIDDINPUR, DABARSI,

NEAR NH24, GHAZIABAD, U.P.

RST NO : 18982

PARTY NAME : NNG (INDRAPURAM)

VEHICLE TYPE: HYWA

VEHICLE NO : UP16CT4339

MATERIAL : MSW

GROSS Wt: 24150 kg

TARE Wt: 12040 kg

NET Wt: 12110 kg

Date: 31/10/2025 Time: 18:40

Date: 31/10/2025 Time: 18:40

ONE TWO ONE ONE ZERO kg

OPERATOR'S SIGNATURE:

THANKS FOR VISIT

SHREE J I COAL COMPANY  
KH. NO.181, MUHIDDINPUR, DABARSI,  
NEAR NH24, GHAZIABAD, U.P.

RST NO : 13506  
PARTY NAME : NNG (KAVINAGAR)  
VEHICLE TYPE: HYWA

VEHICLE NO : UP38S8272  
MATERIAL : MSW

GROSS WT: 23920 kg Date: 01/10/2025 Time: 17:43  
TARE WT: 11410 kg Date: 01/10/2025 Time: 17:43  
NET WT: 12510 kg ONE TWO FIVE ONE ZERO kg

OPERATOR'S SIGNATURE:

THANKS FOR VISIT

**SHREE JI COAL COMPANY**

KH. NO.181, MUHIDDINPUR, DABARA I,  
NEAR NH24, GHAZIABAD, U.P.

TRUCK NO : **15288**  
PARTY NAME : NNG (KAVINABAR)  
VEHICLE TYPE: HYWA

VEHICLE NO : **UP14HT0275**  
MATERIAL : MSW

ROSS WT: **22450** kg  
TARE WT: **10500** kg  
NET WT: **11950** kg

Date: 11/10/2025 Time: 17:46  
Date: 11/10/2025 Time: 17:46  
ONE ONE NINE FIVE ZERO kg

OPERATOR'S SIGNATURE:

THANKS FOR VISIT

MUHIDDINPUR, DABARSI

**SHREE J I COAL COMPANY**

KH. NO.181, MUHIDDINPUR, DABARSI,  
NEAR NH24, GHAZIAHAB, U.P.

VEHICLE NO : **UP 14HT0080**  
MATERIAL : MSW

ST NO : **15679**  
PARTY NAME : NNG (INDRAPURAM)  
VEHICLE TYPE:- HYVA

DSS WT: **24650** kg  
RE WT: **11775** kg  
T WT: **12875** kg

Date: 13/10/2025 Time: 13:26  
Date: 13/10/2025 Time: 13:26  
ONE TWO EIGHT SEVEN FIVE kg

OPERATOR'S SIGNATURE:

THANKS FOR VISIT

LHIDDINPUR, DABARSI,

NEAR NH24, GHAZIABAD, U.P.

RST NO : 17937  
PARTY NAME : NNS (INDRAPURAM)  
VEHICLE TYPE: HYWA

VEHICLE NO : UP 140T9255  
MATERIAL : MSW

ROSS WT: 24150 kg  
ARE WT: 11800 kg  
WT: 12350 kg

Date: 26/10/2025 Time: 22:57  
Date: 26/10/2025 Time: 22:57  
ONE TWO THREE FIVE ZERO kg

ERATOR'S SIGNATURE:

THANKS FOR VISIT

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

SHREE J I COAL COMPANY  
KH. NO.181, MUHIDDINPUR, DABARSI,  
NEAR NH24, GHAZIABAD, U.P.

RST NO : 18306  
PARTY NAME : NINS (INDRAPURAM)  
VEHICLE TYPE: HYWA

VEHICLE NO : UP14FT2223  
MATERIAL : MSW

GROSS Wt: 23960 kg  
TARE Wt: 10900 kg  
NET Wt: 13060 kg

Date: 28/10/2025 Time: 05:52  
Date: 28/10/2025 Time: 05:52  
ONE THREE ZERO SIX ZERO kg

OPERATOR'S SIGNATURE:

THANKS FOR VISIT

SHREE JI COAL COMPANY

KH. NO.181, MUHIDDINPUR, DABARSI,  
NEAR NH24, GHAZIABAD, U.P.

RST NO : 18775  
PARTY NAME : NNG (INDRAPURAM)  
VEHICLE TYPE: HYWA

VEHICLE NO : UP16ET0055  
MATERIAL : MSW

GROSS Wt: 23450 kg  
TARE Wt: 11180 kg  
NET Wt: 12270 kg

Date:30/10/2025 Time:20:28  
Date:30/10/2025 Time:20:28  
ONE TWO TWO SEVEN ZERO kg

OPERATOR'S SIGNATURE:

THANKS FOR VISIT



TRAFFIC STUDY

**Consultancy Services for the Traffic Study for  
Proposed MAX NIROGI Hospital.**

Patparganj (Delhi)

MOEF / SEAC TRAFFIC REPORT

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# Section 1

## Study Background

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- 2 Site Location
- 3 Existing Development around

# Study Background | Key Site Facts

Plot Area

**0.79 Acre**

**MAX Super Specialty (Hospital)**

**41654.92 sq.mts BUA**  
(Excluding basement area)

**435 ECS (Required) | 437 ECS (Provided)**  
Total Parking (Surface + Basement + Tower)

**Parking Provision for**  
Doctors, Staff & Visitors | Cars - TW

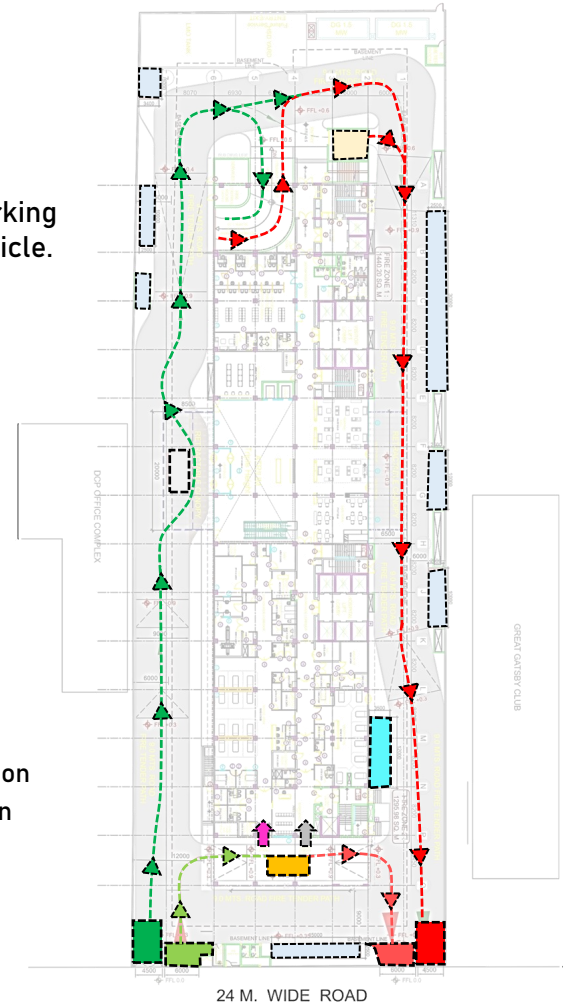
**Metro Station**  
IPE Extension (Pink Line) | 640m

**No of Proposed Beds**  
365

30% (132 ECS) of total parking are allotted for Electric Vehicle.

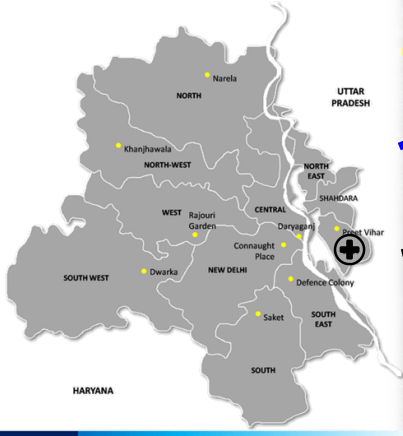
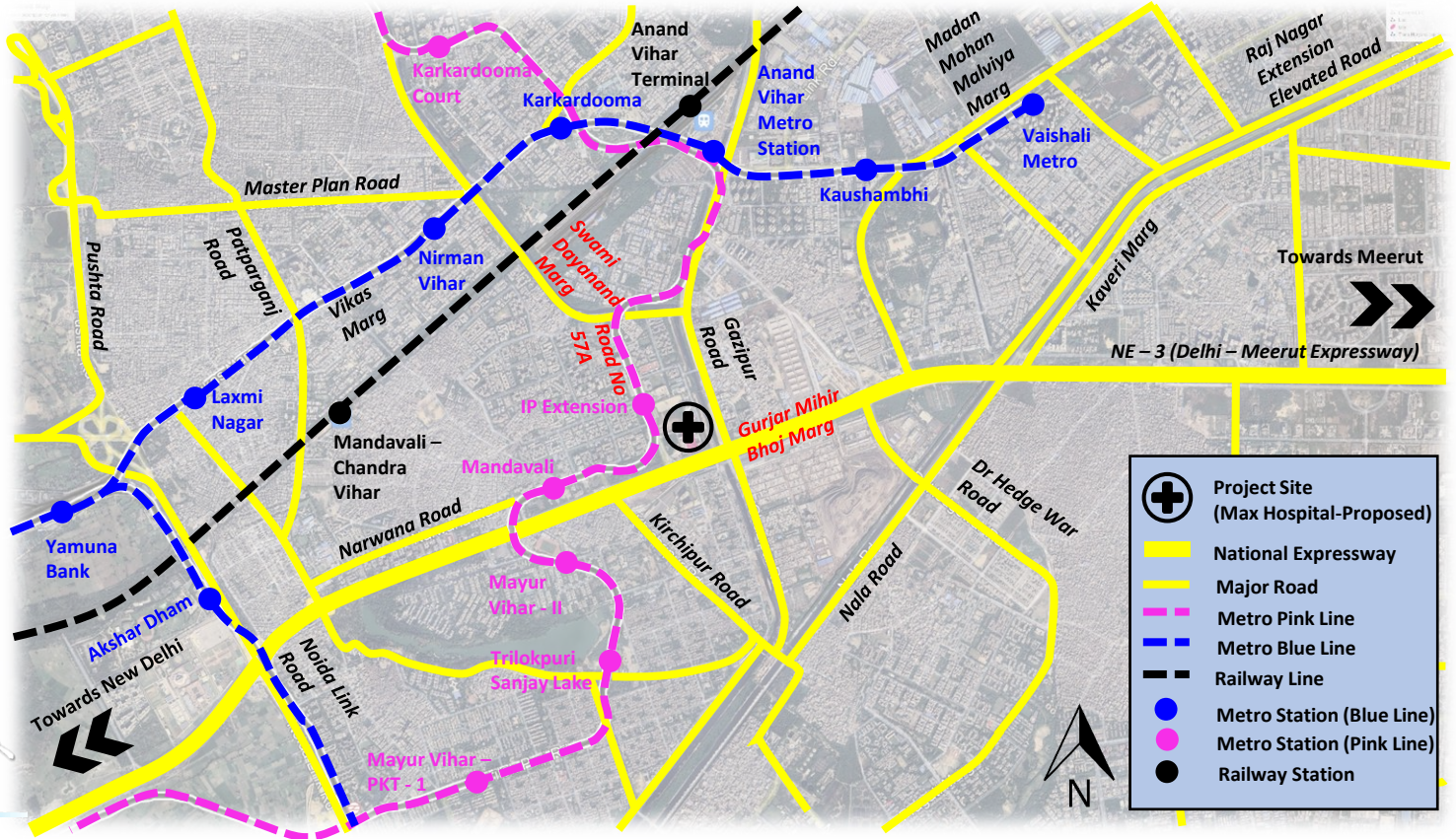
## Legends

- Entry
- Emergency Entry
- Exit
- Emergency Exit
- Emergency Drop off
- Visitor Drop off
- Surface Parking
- Ambulance Parking
- Automated MLCP
- Vehicular Entry Circulation
- Vehicular Exit Circulation
- Trolley Entry
- Walk In Patient Entry



# Study Background | Site Location

- Site located at Patparganj near IP Extension Metro Station.
- The site access is through "Gurjar Samrat Mihir Bhoj Marg, Swami Dayanand Marg and Road no 57A.



	Project Site (Max Hospital-Proposed)
	National Expressway
	Major Road
	Metro Pink Line
	Metro Blue Line
	Railway Line
	Metro Station (Blue Line)
	Metro Station (Pink Line)
	Railway Station

# Study Background | Existing Development around the Project Site

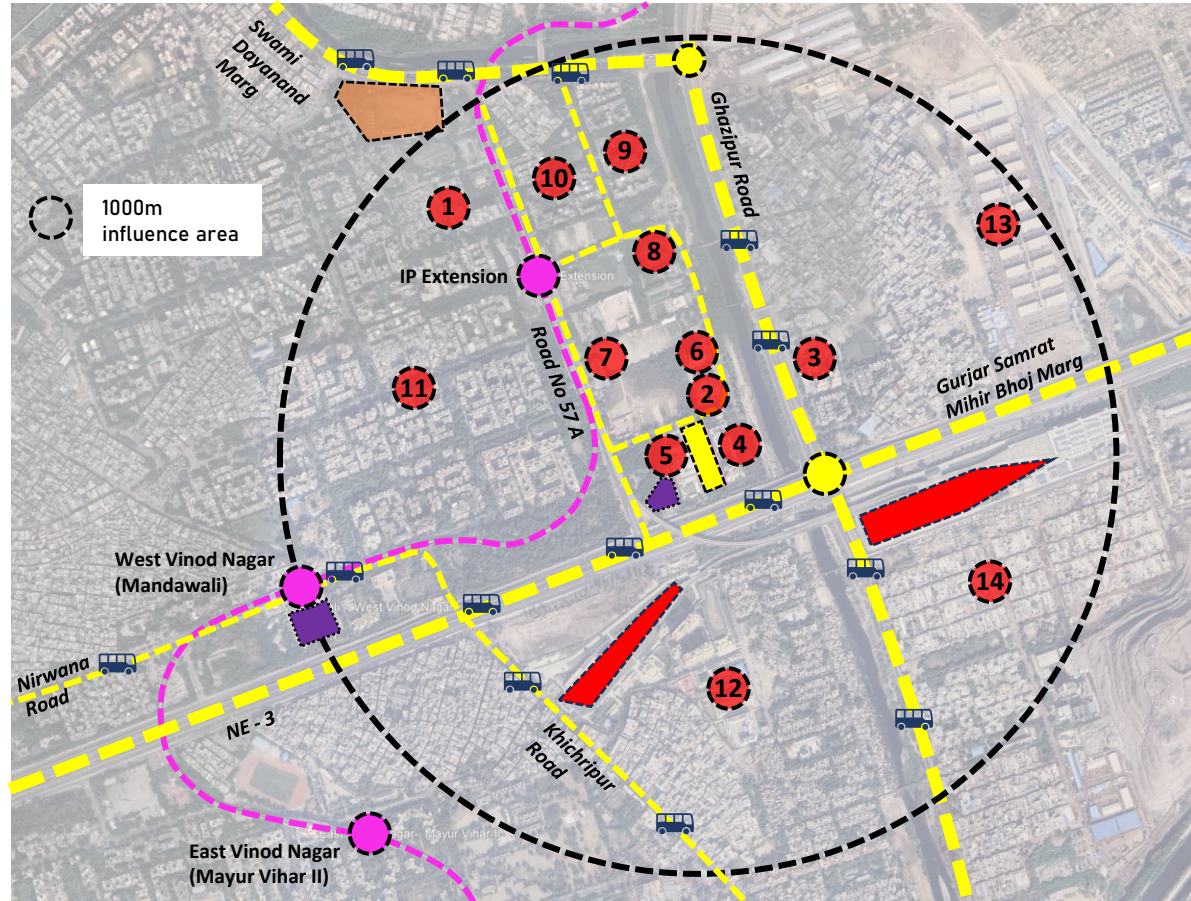
## Legends

- Major Access Road
- Metro Line (Pink)
- Metro Stations
- Metro Depot
- Major Landmark
- Hasanpur Bus Depot
- Existing Parking
- Bus Stops
- Major Junction
- 1000m influence area
- Project Site

## Major Landmarks

- 1 Max Hospital - Patparganj

- 2 Cloud9 Hospital
- 3 Medilax
- 4 DCP East District Office
- 5 Great Gatsby Club
- 6 Perk Inn - Radisson
- 7 CNG Filling Station
- 8 CBSE
- 9 Residential Apartments
- 10 Residential Apartments
- 11 Residential Apartments
- 11 Educational Institutes
- 13 Gazipur Sabzi Mandi
- 14 Gazipur Murga Mandi

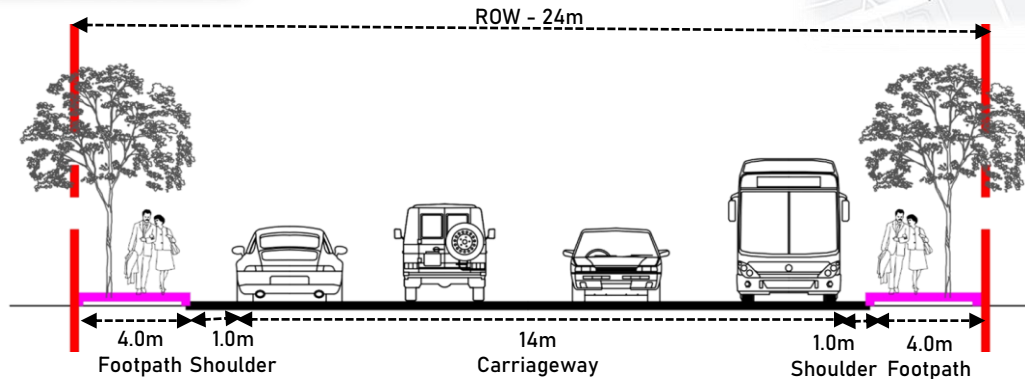
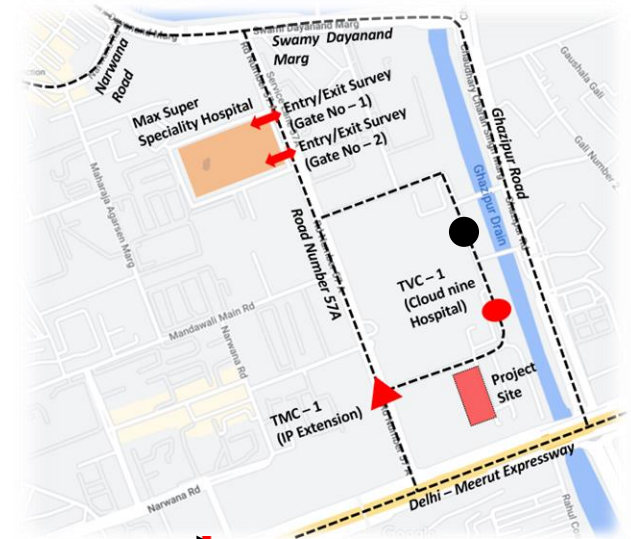


## Section 2

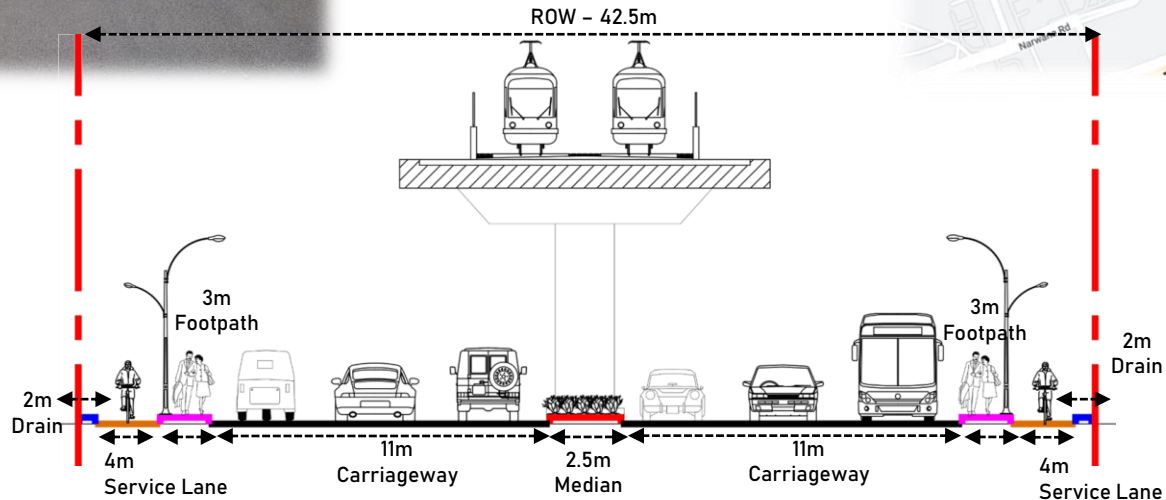
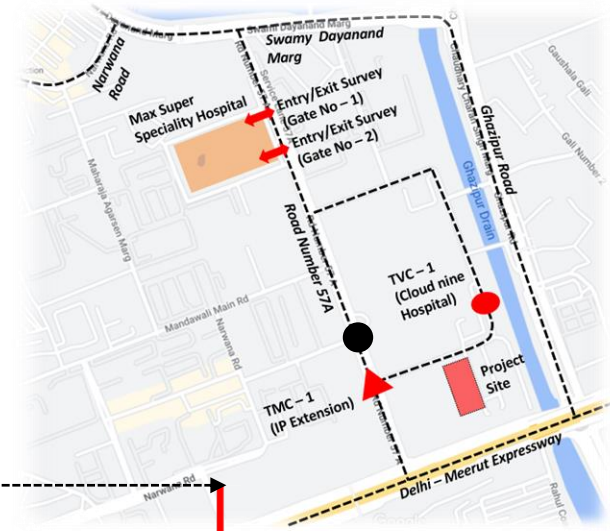
### Existing Situation Analysis

- 1 Existing Site Condition
- 2 Primary Survey Location
- 3 Primary Traffic Detail
- 4 Level of Service (LOS)

# Existing Road Section I (Internal Road Connecting CBSE – DCP Office)



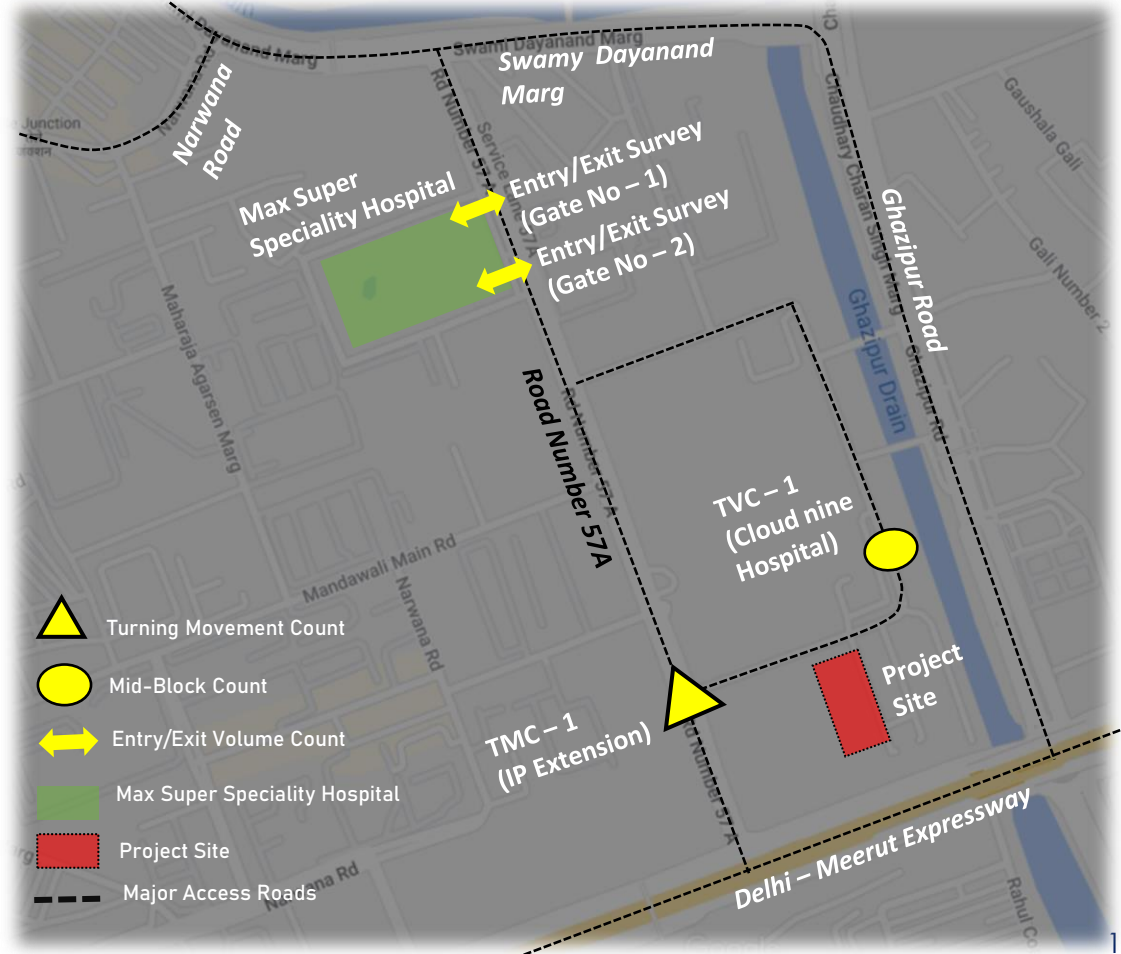
# Existing Road Section I (Road No 57A)



# Primary Survey Location

- Traffic surveys i.e., Total volume count (TVC) & Turning Movement Count (TMC) were conducted for the period of 16 hours while Entry/Exit for the period of 12 hours at the identified locations, in the month of September 2023.

Number	Location	Survey	Duration
1	IP Extension	TMC	16 hrs
2	Cloud nine Hospital	TVC	16 hrs
3	Max Super Speciality Hospital (Gate No – 1)	Entry/Exit	12 hrs
4	Max Super Speciality Hospital (Gate No – 1)	Entry/Exit	12 hrs

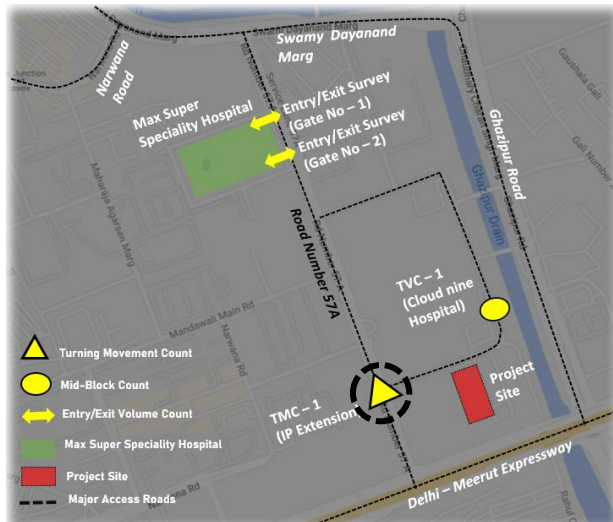
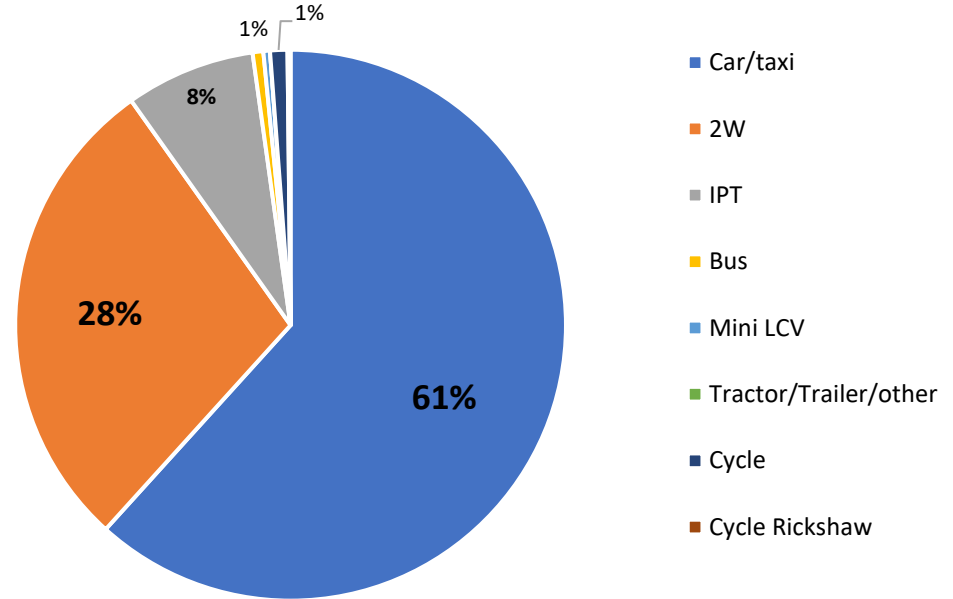


# Primary Traffic Details | TMC Analysis

SNO	Location	Morning Peak (PCU)	Evening Peak (PCU)
1	IP Extension	3136	3174

- Total junction volume coming to be 42636 Veh/Day.
- Share of Cars is maximum followed by two wheelers & IPT.
- The PHF varies from 8.92% to 9.54%.
- The Morning Peak – 09:30 AM to 10:30 AM.
- The Evening Peak – 19:45 PM to 20:45 PM

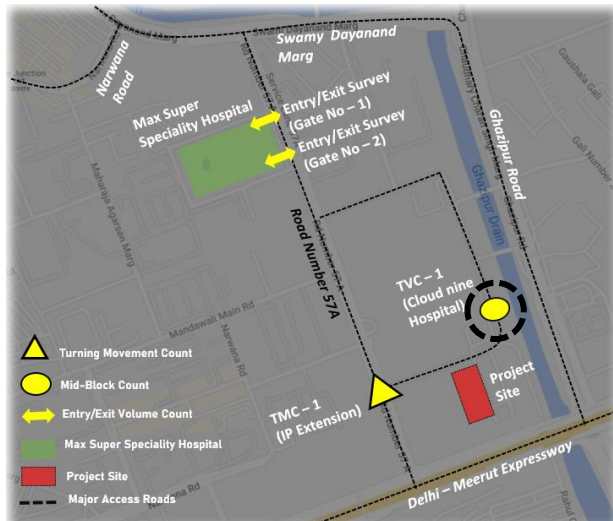
### Vehicle Composition



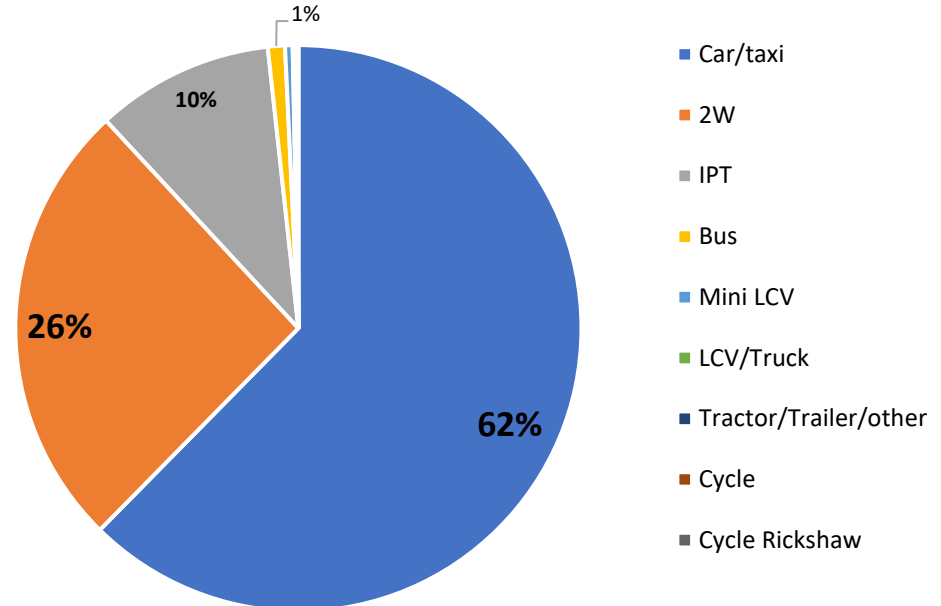
# Primary Traffic Details | TVC Analysis

SNO	Location	Morning Peak (PCU)	Evening Peak (PCU)
1	Cloud 9 Hospital	752	880

- Total junction volume coming to be 6935 Veh/Day.
- Share of Cars is maximum followed by two wheelers & IPT.
- The PHF varies from 8.92% to 9.54%.
- The Morning Peak – 07:15 AM to 08:15 AM.
- The Evening Peak – 19:30 PM to 20:30 PM



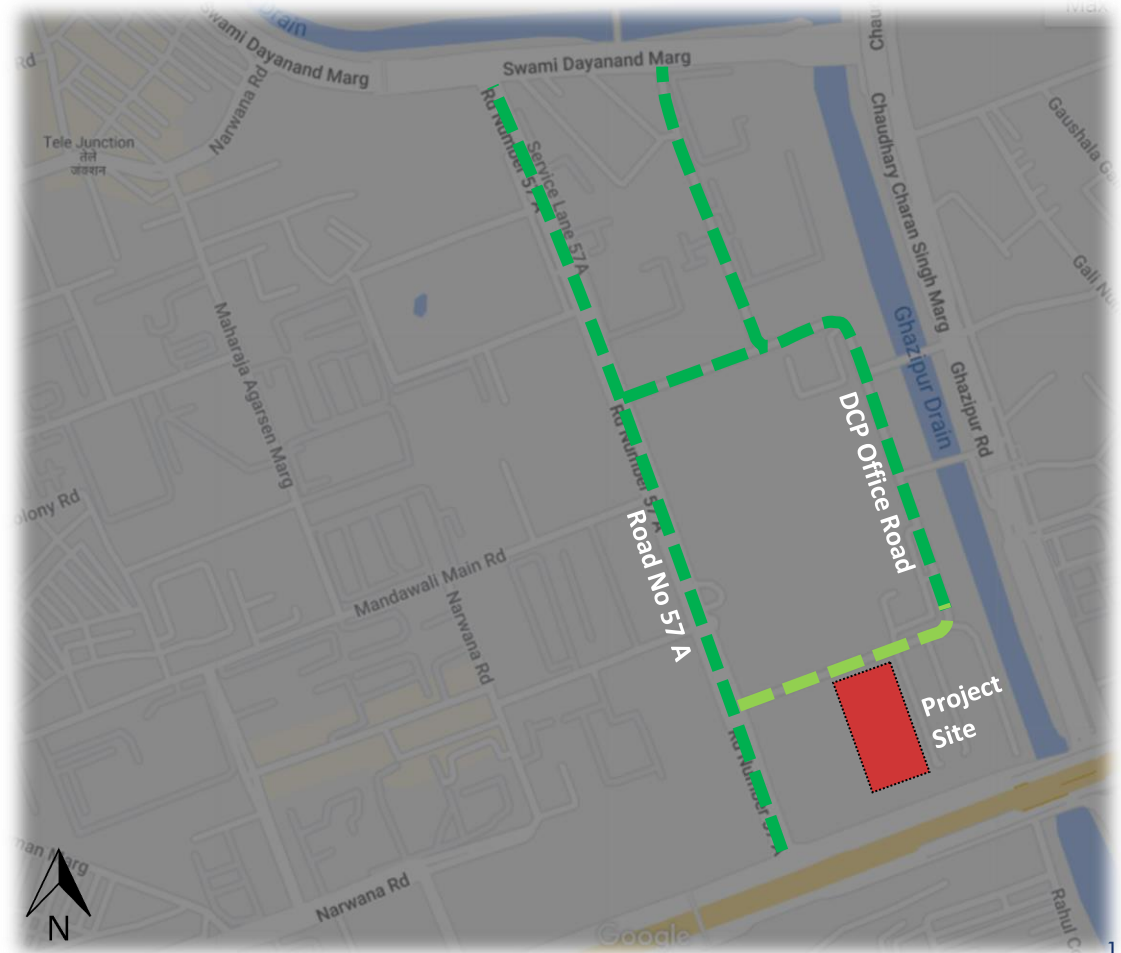
### Vehicle Composition



# Level of Service (LOS) - 2023



- The major access road of the project site - "Road 57A", & "DCP Office Road" are currently running at the LOS A & B.



Distinction of LOS

Level of service	Volume/ Capacity Ratio	Nature of flow
A	<0.30	Free flow
B	0.30-0.50	Reasonably free flow
C	0.50-0.70	Stable flow
D	0.70-0.90	Approaching unstable flow
E	1	Unstable flow
F	>1.00	Forced flow

# Section 3

## Traffic Circulation

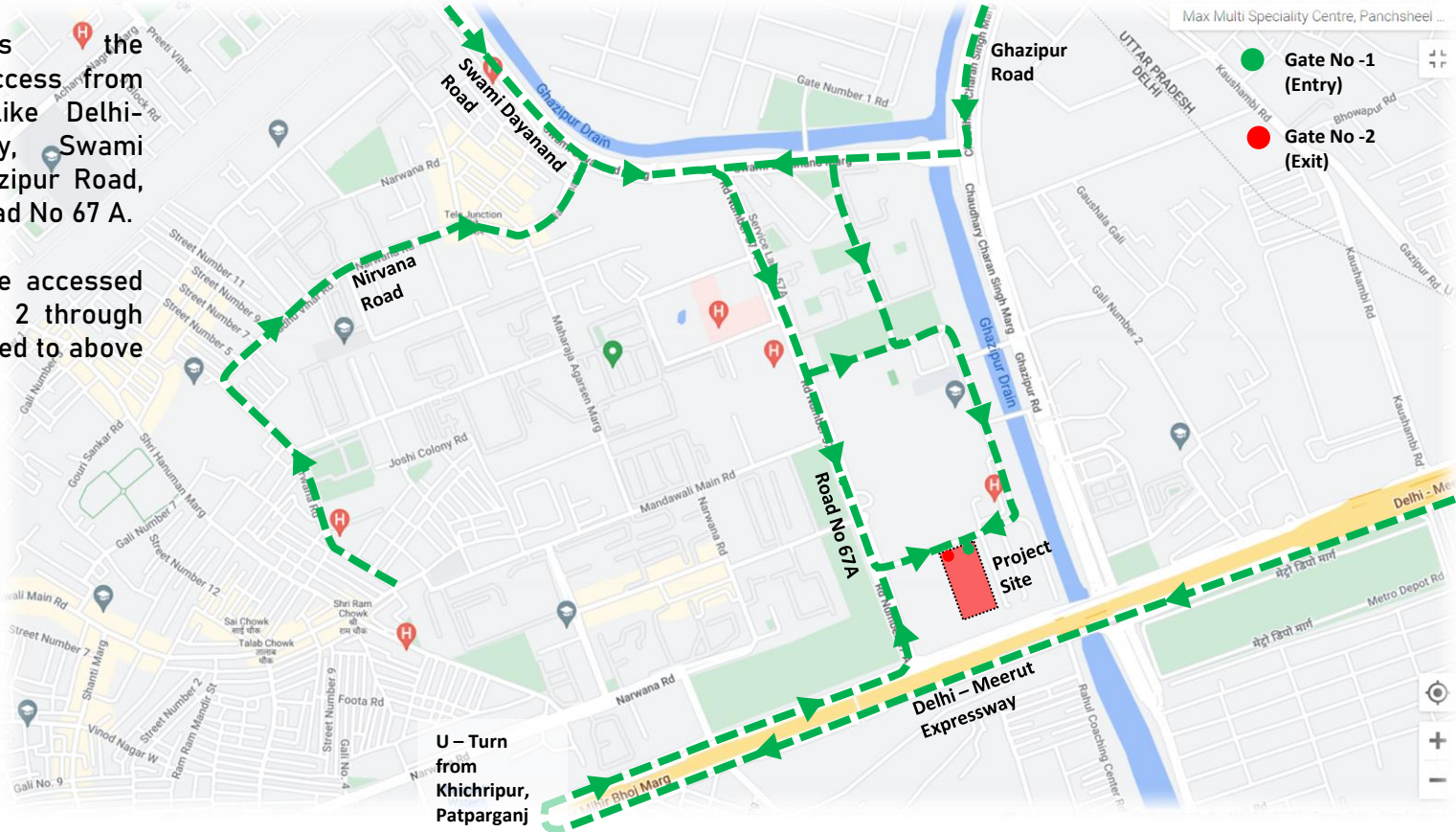
- 1 Inbound Circulation
- 2 Outbound Circulation

# Inbound Circulation

- Vehicle towards the development can access from the major roads like Delhi-Meerut Expressway, Swami Dayanand Road, Ghazipur Road, Nirvana Road and Road No 67 A.
- The project is can be accessed to Gate -1 & Gate - 2 through internal road connected to above major roads

## Legends

- Inbound Circulation
- Existing Underpass
- Gate No - 1
- Gate No - 2
- Project Site

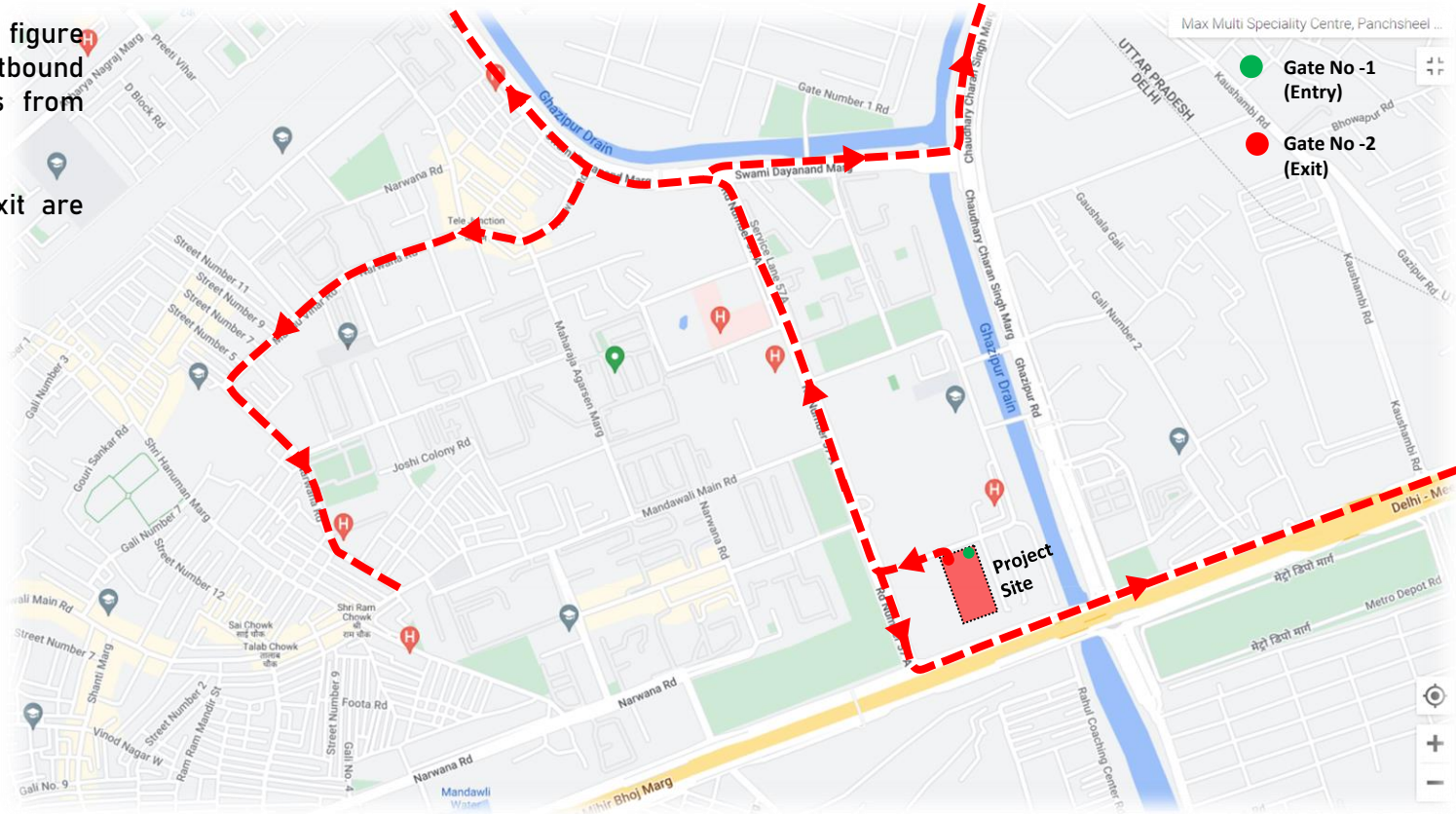


# Outbound Circulation

- The corresponding figure showing the outbound movement of vehicles from the project site.
- The preferred entry/exit are shown in the routing.

## Legends

- Inbound Circulation
- Existing Underpass
- Gate No - 1
- Gate No - 2
- Project Site



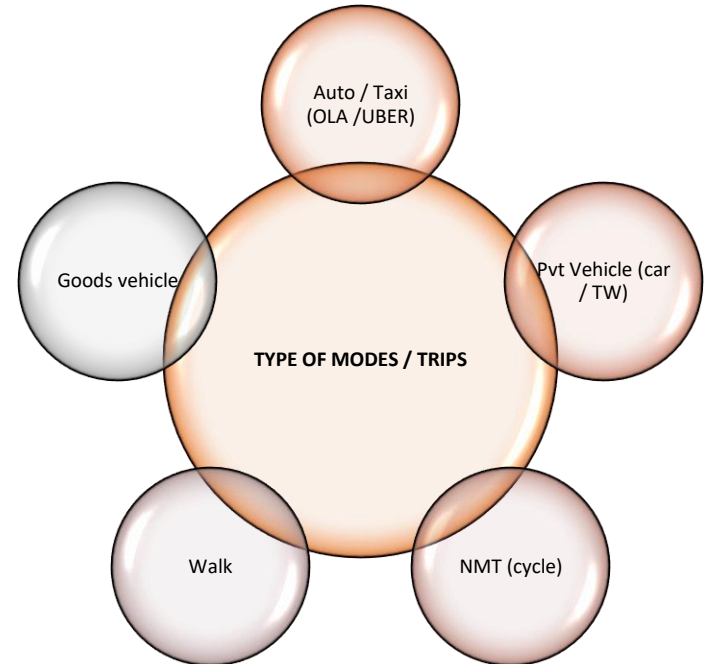
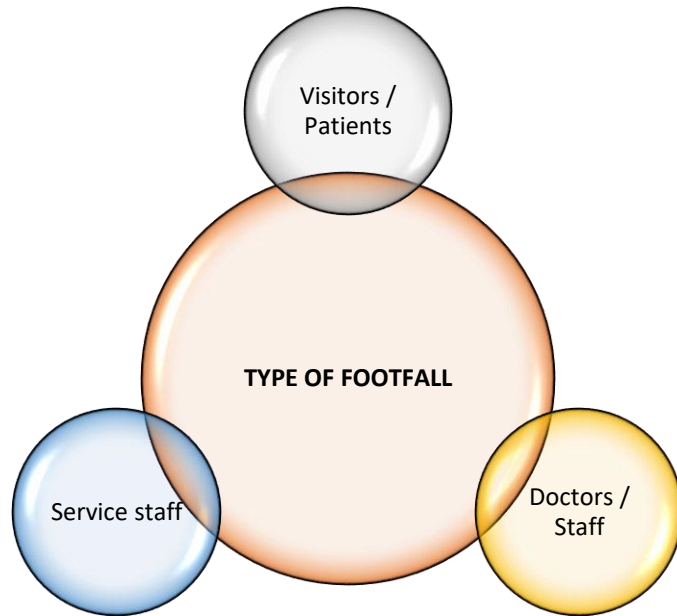
# Section 4

## Demand Estimation

- 1 Types of Footfall
- 2 Demand Estimation

# Types of Footfall

Various type of footfall within the Hospital premises is expected. These would use different modes which would require channelised flow from the access gate, parking (basement / surface) and surface level external road configuration.



# Demand Estimation | Similar Previous Studies

SNO	Hospitals	No of Beds	Entry + Exit Volume (Veh/hr) (As per the Primary Survey Conducted by the Consultant)	Trip Rate (Vehicle/Bed)
1	Fortis Hospital Sector 44, Gurugram	356	481	1.35
2	Fortis Hospital Shalimar Bagh, Delhi	360	320	0.88
3	Nearby Operational Max Superspeciality Hospital	450	290	0.64

- 0.64 vehicle/bed is the trip rate calculated from the previous primary survey conducted by the consultant over a similar kind of development.

*\*Source :- From our past studies & primary survey over similar kind of development*

# Demand Estimation

It is important to understand the existing site /network level issues, limitations and opportunities to prepare the improvement schemes. The figure shows the overall broad approach to the project.

Peak hour vehicular trip rate / bed for the proposed hospital –  $0.64 \text{ * Veh/bed}$

Total no of Beds MAX Nirogi Hospital (Proposed) – 365

Total no of Peak (Entry + Exit) Volume expected at MAX Nirogi Hospital – 234 Veh/hr.

Share of peak Entry:- 54%

Total no of Peak (Entry) Volume expected at MAX Nirogi Hospital – 126 Veh/hr.

*\*Source (Trip Rate) :- From our past studies & primary survey over similar kind of development*

## Section 5

### Key Concern & Recommendations

- 1 Planned Traffic Circulation
- 2 Key Concern
- 3 Recommendation
- 4 Conclusion

# Planned Circulation | Ground Level

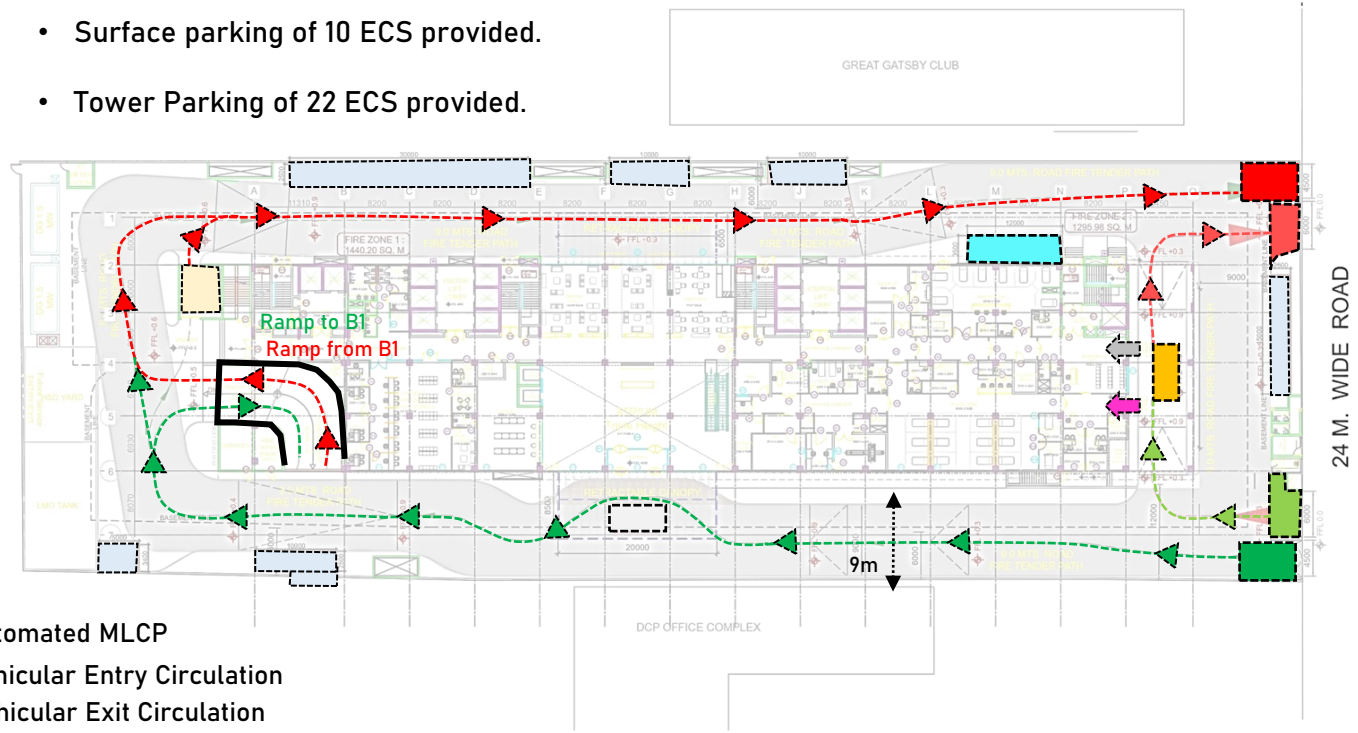
- The figure showing the proposed circulation at ground level.
- The inflow - Outflow routing of both emergency and visitor's vehicle are shown.
- Driveway are 9m wide.
- Basement Ramp is 7.2 m wide

- Surface parking of 10 ECS provided.
- Tower Parking of 22 ECS provided.

## Legends

- Entry
- Emergency Entry
- Exit
- Emergency Exit
- Emergency Drop off
- Visitor Drop off
- Surface Parking
- Ambulance Parking

- Automated MLCP
- Vehicular Entry Circulation
- Vehicular Exit Circulation
- Trolley Entry
- Walk In Patient Entry
- Basement Ramp













- 30% (132 ECS) of total parking are allotted for Electric Vehicle.

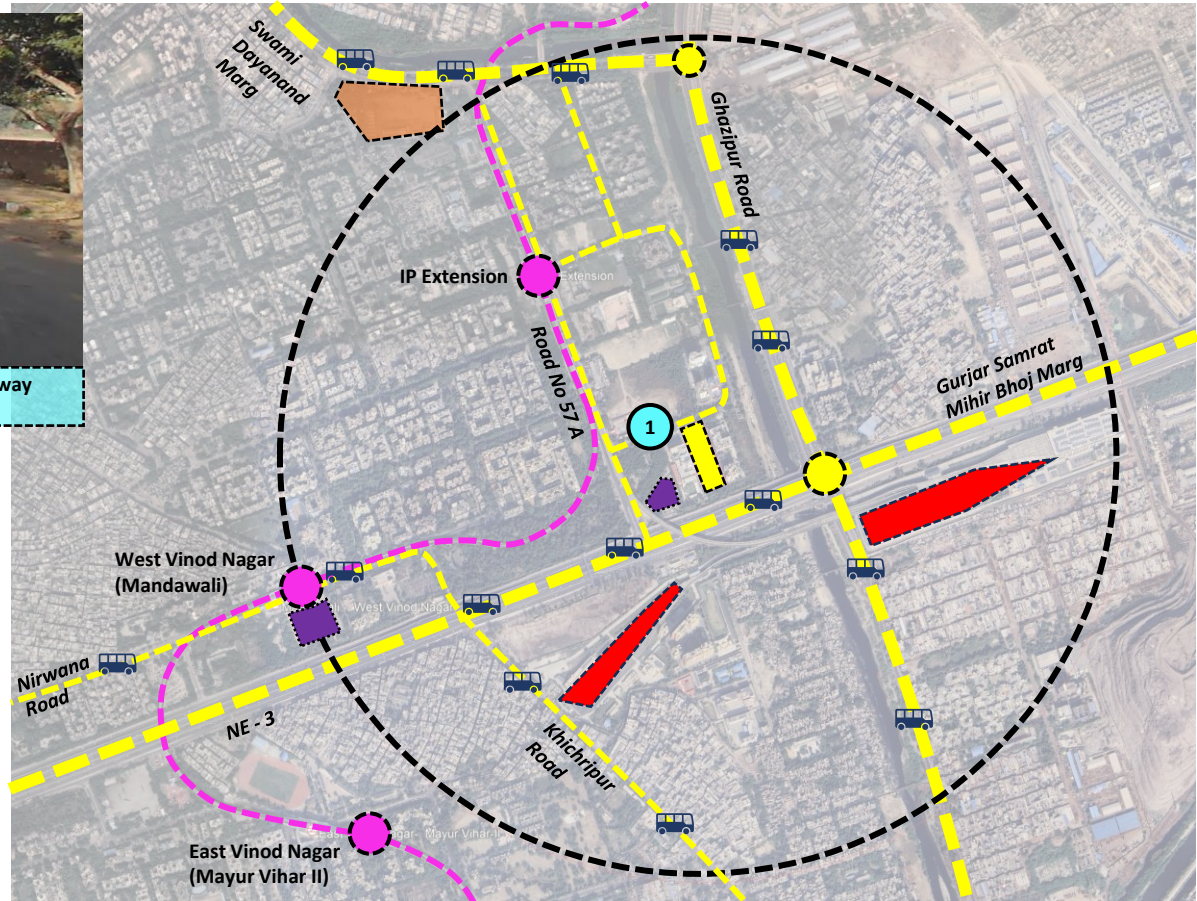
# Key Concern | Access Road



1. Road Marking and signage missing over the stretch having two-way Circulation

## Legends

-  Major Access Road
-  Metro Line (Pink)
-  Metro Stations
-  Metro Depot
-  Hasanpur Bus Depot
-  Existing Parking
-  Bus Stops
-  Major Junction
-  1000m influence area
-  Project Site













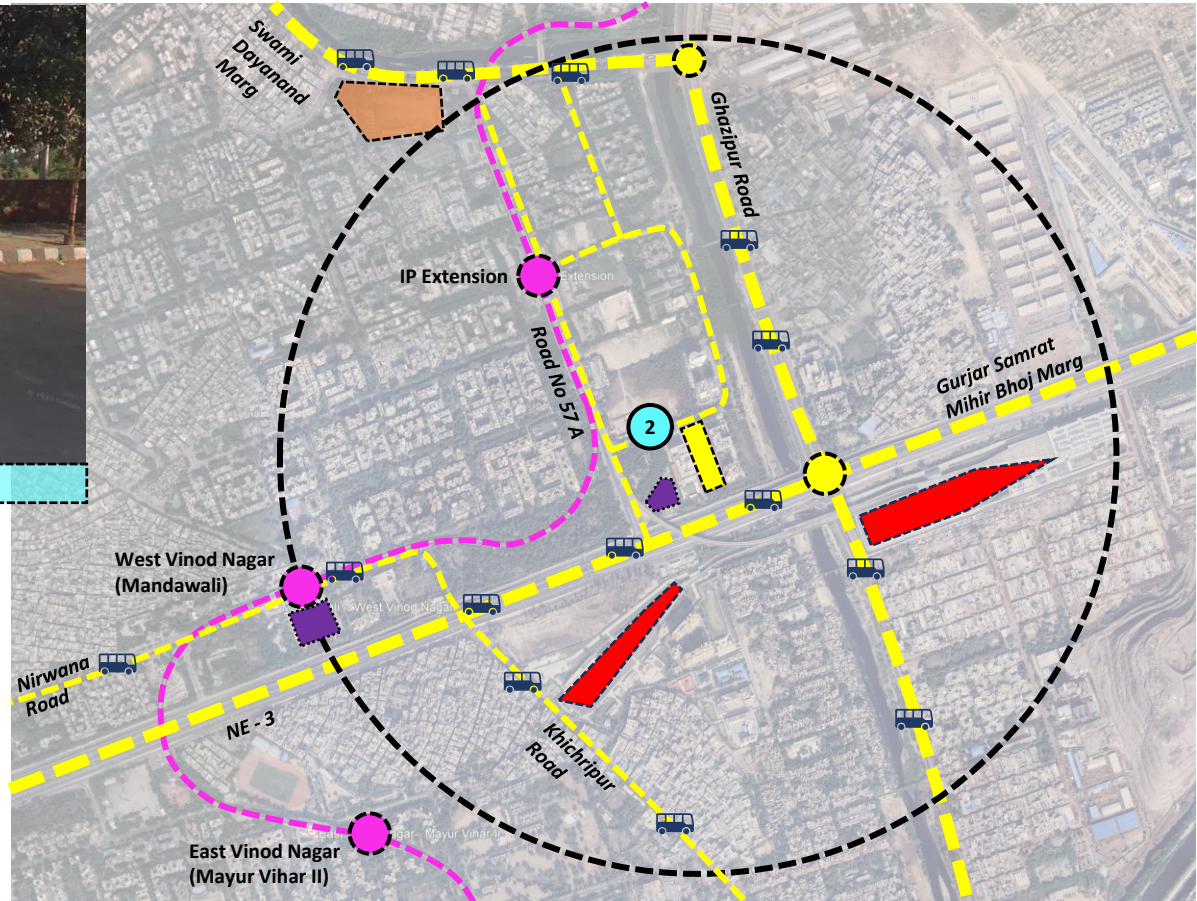
# Key Concern | Access Road



2. Discontinued Walkway

## Legends

-  Major Access Road
-  Metro Line (Pink)
-  Metro Stations
-  Metro Depot
-  Hasanpur Bus Depot
-  Existing Parking
-  Bus Stops
-  Major Junction
-  1000m influence area
-  Project Site











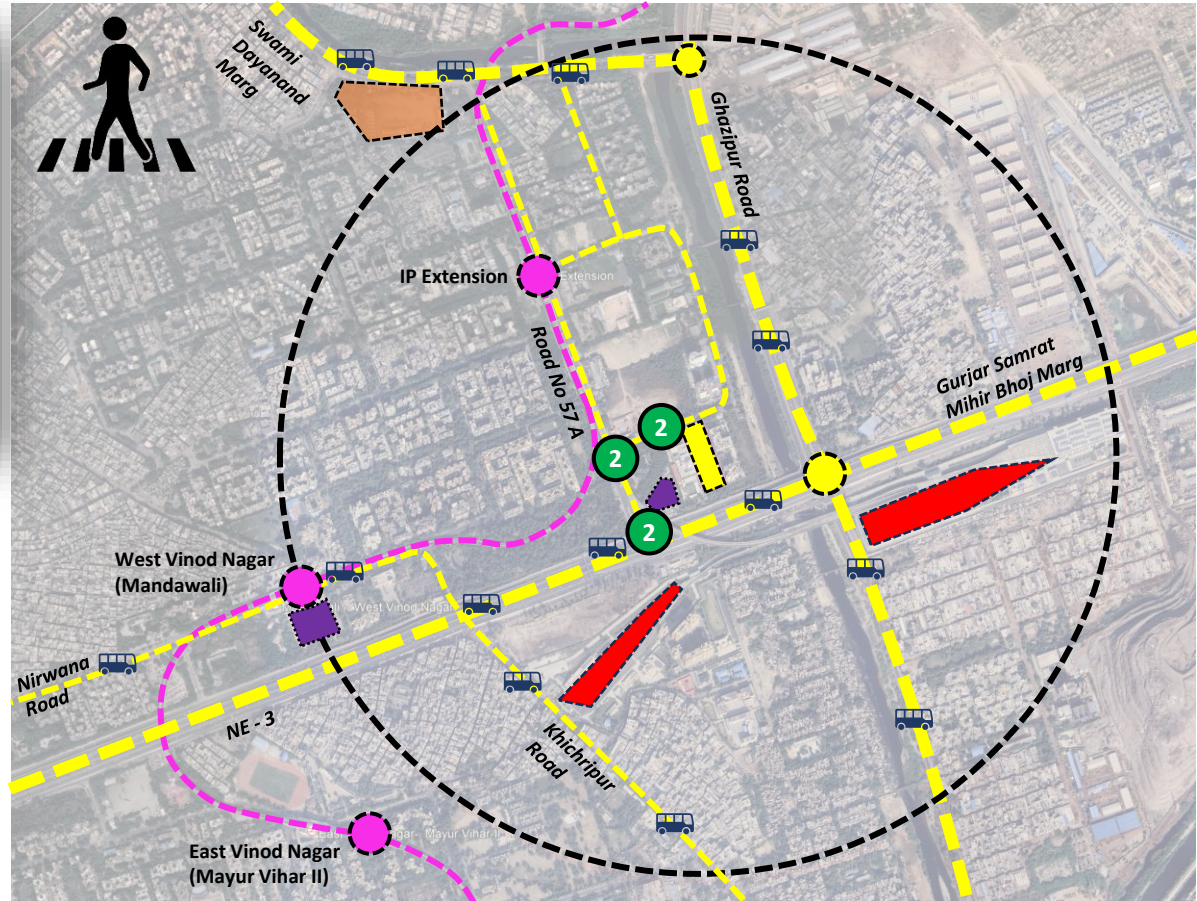
# Key Recommendation I Access Road



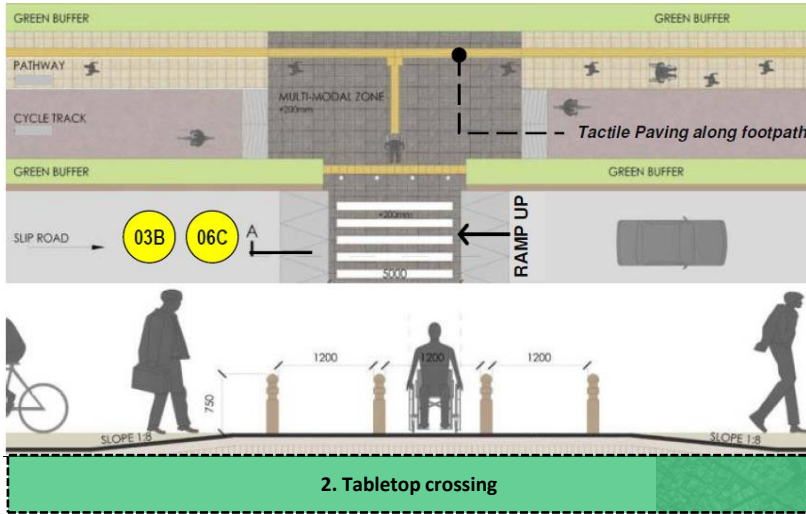
2. Tabletop crossing are recommended near Hospital access and at adjacent junctions for seamless pedestrian connectivity

## Legends

- Major Access Road
- Metro Line (Pink)
-  Metro Stations
-  Metro Depot
-  Hasanpur Bus Depot
-  Existing Parking
-  Bus Stops
-  Major Junction
-  1000m influence area
-  Project Site



# Key Recommendation I Access Road



## Legends

- Major Access Road
- Metro Line (Pink)
- Metro Stations
- Metro Depot
- Hasanpur Bus Depot
- Existing Parking
- Bus Stops
- Major Junction
- 1000m influence area
- Project Site



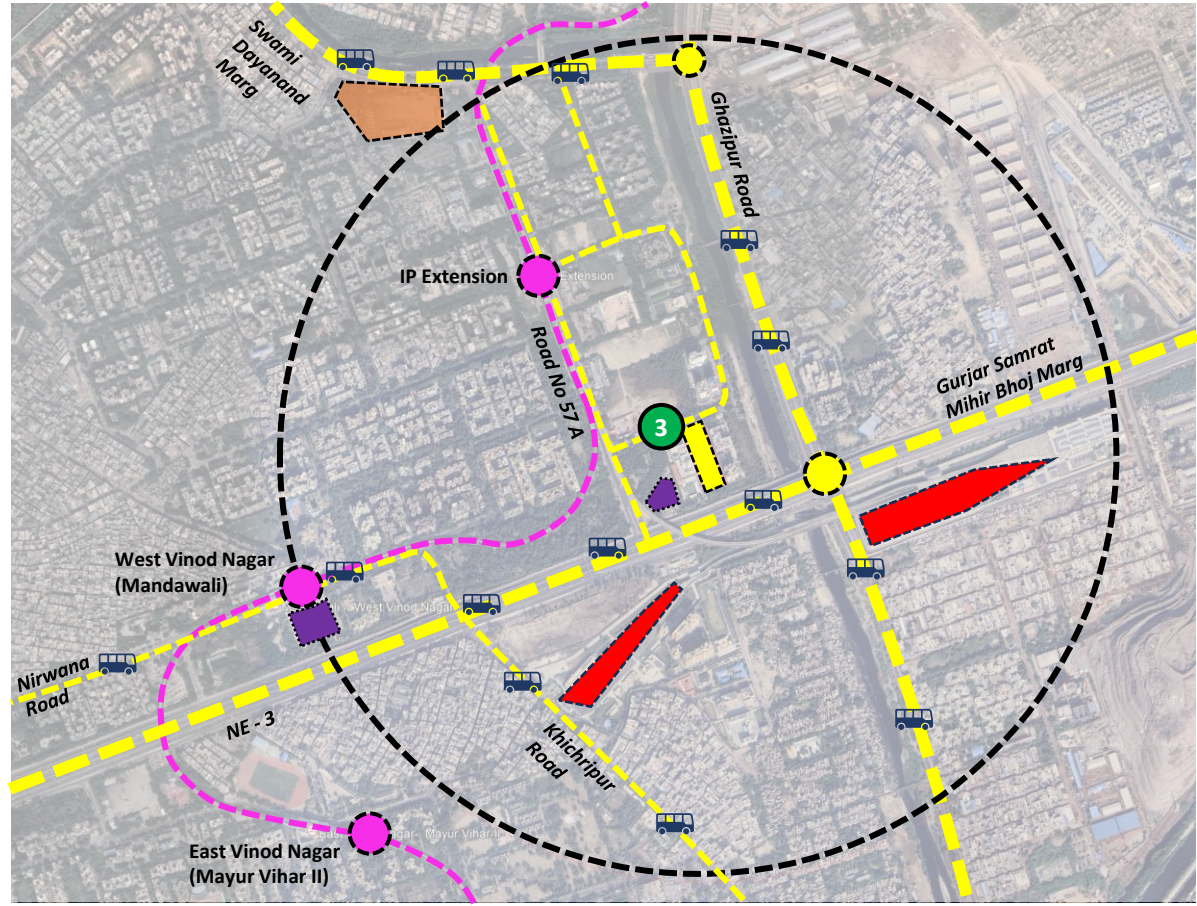
# Key Recommendation I Access Road



3. IPT Lay byes are recommended near project site

## Legends

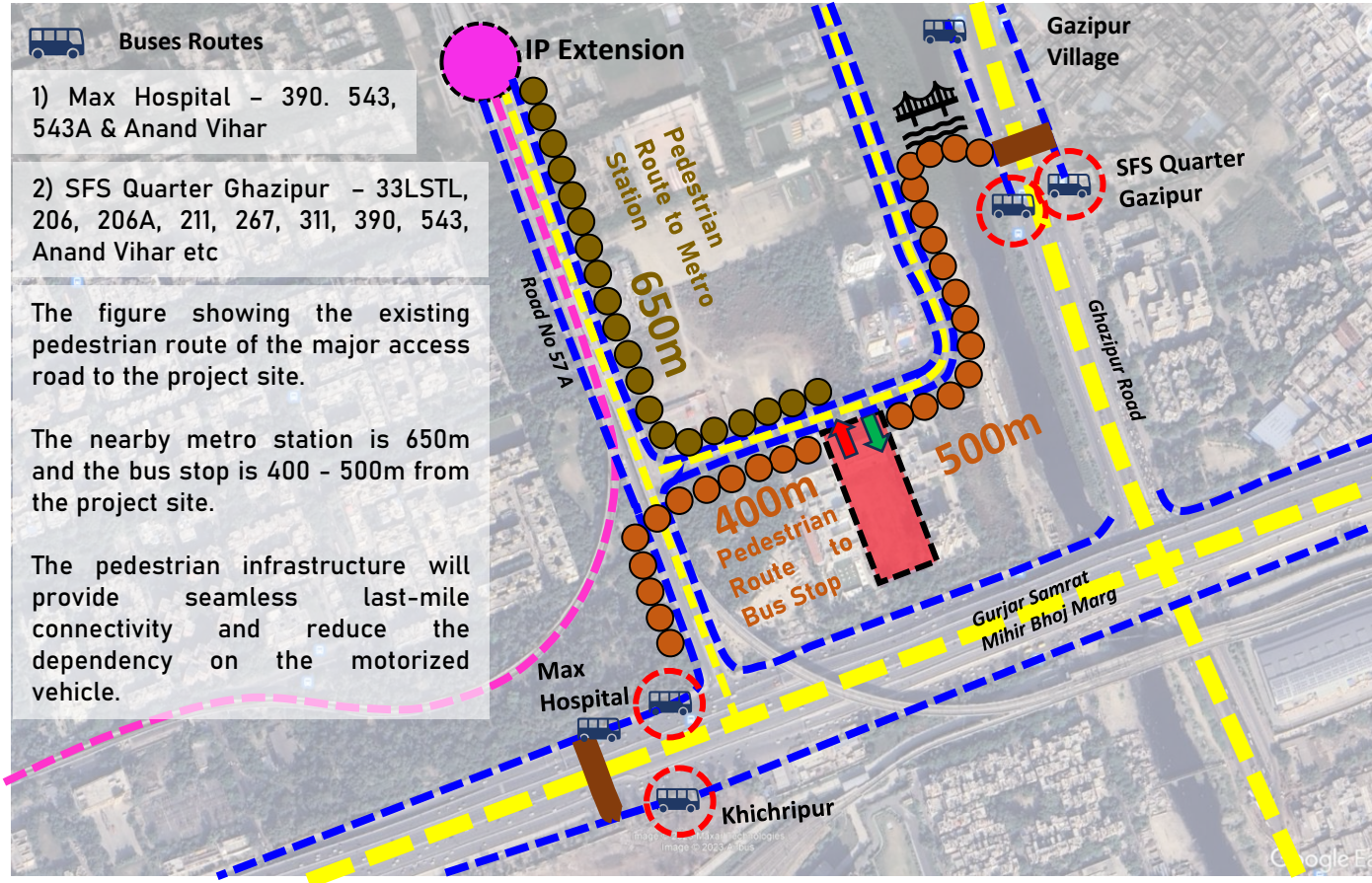
- Major Access Road
- Metro Line (Pink)
- Metro Stations
- Metro Depot
- Hasanpur Bus Depot
- Existing Parking
- Bus Stops
- Major Junction
- 1000m influence area
- Project Site



# Conclusion I Public Transport Accessibility

## Legends

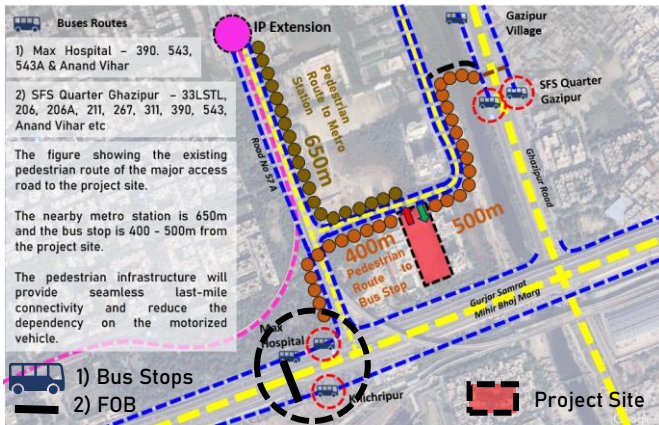
- Existing Footpath
- Major Access Road
- Metro Line (Pink)
- Existing Foot Over Bridge
- Existing Pedestrian Bridge
- Metro Stations
- Bus Stops
- Pedestrian Route to Metro Station (650m)
- Pedestrian Route to Bus Stop (400m)
- Entry (Gate No - 1)
- Exit (Gate No - 2)
- Project Site



# Conclusion I Public Transport Accessibility



1) Max Hospital – Bus Stop



2) Foot Over Bridge Connecting Max Hospital Bus Stop

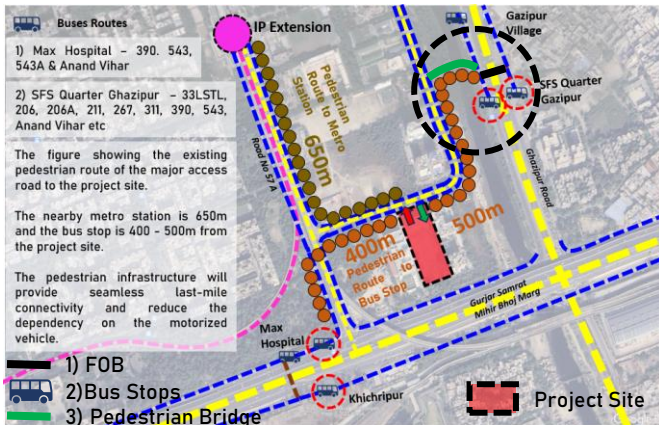
# Conclusion | Public Transport Accessibility



1) Foot Over Bridge connecting SFS Quarter Gazipur bus stop



2) SFS Quarter Gazipur bus stop

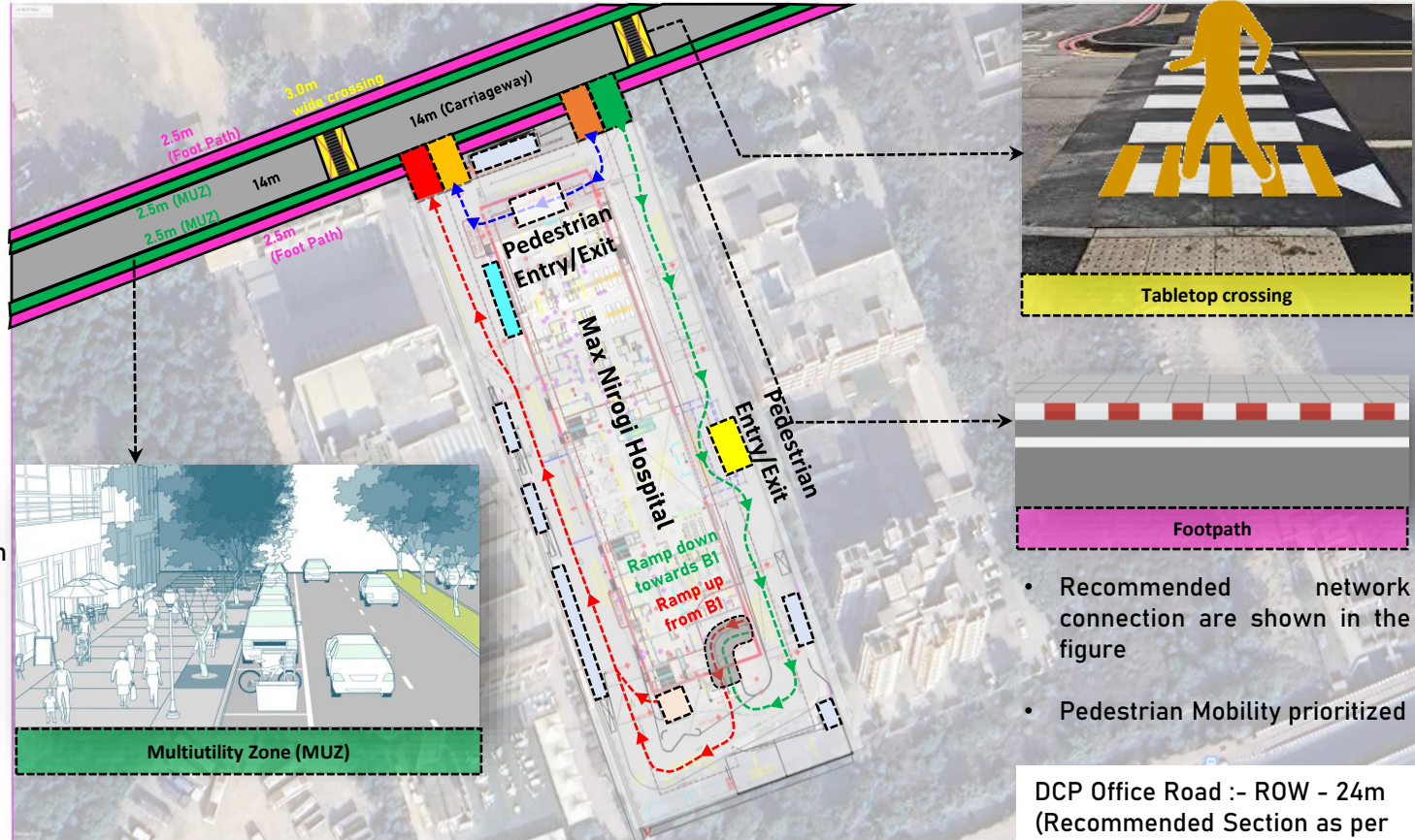


3) Pedestrian Bridge connecting CBSE Office Road

# Conclusion I Recommended Project Site Connectivity

## Legends

- Entry (Gate No - 1)
- Emergency Entry (Gate No - 1)
- Exit (Gate No - 2)
- Emergency Exit (Gate No 2)
- Emergency Drop off
- Visitor Drop off
- Surface Parking
- Ambulance Parking
- Automated MLCP
- Vehicular Entry Circulation
- Vehicular Exit Circulation
- Basement Ramp
- Footpath
- MUZ
- Tabletop Pedestrian Crossing



- Recommended network connection are shown in the figure
- Pedestrian Mobility prioritized

DCP Office Road :- ROW - 24m  
(Recommended Section as per  
UTTIPEC Guideline)

# Level of Service (LOS) - 2028

- The site's additional demand is estimated for the peak hour, which is 234 vehicles.
- The traffic generated from the upcoming development has a 3.4% share of the nearest junction volume.
- Hence the traffic demand generated from the upcoming development will have negligible impact on the surrounding network.



Distinction of LOS		
Level of service	Volume/ Capacity Ratio	Nature of flow
A	<0.30	Free flow
B	0.30-0.50	Reasonably free flow
C	0.50-0.70	Stable flow
D	0.70-0.90	Approaching unstable flow
E	1	Unstable flow
F	>1.00	Forced flow

# Conclusion

- The traffic attracted from the proposed site, does not impact the immediate access road LOS.
- The delay at the junctions can be reduced by providing the table-top crossing for pedestrian and traffic calming measures to be provided to reduce the speed of vehicles for safe crossings.
- The unsignalized junction near the project site would require signalization in the future when traffic volume will increase.
- The footpath or walkways and other pedestrian infrastructure to be provided for pedestrian movement on the 24 m wide DCP Office to CBSE Road & 45m wide Road no 57A.
- The access road recommended to be following UTTIPEC street design guidelines.
- IPT facilities (bays) to be provided for efficient pick up & drop off.
- Around 15m – 30m of holding length recommended to be provided on all gates.
- The entry and exit boom barriers to be FasTag and RFID enabled.
- 30% of total parking are provided for Electric Vehicles.
- External road network is expected to operate on same LOS B for horizon year 2030, due to the excellent PT connectivity of the project site.
- The project has the excellent existing connectivity with public transport, which in future are planned to enhance. This shows the potential of the project site of converting the vehicular trips to public transport trips.
- The pedestrian infrastructure will provide seamless last mile connectivity and reduce the dependency on the motorized vehicle.
- The expected peak hour traffic from the project site is not expected to create delays at network level.

**BSES**

BSES Yamuna Power Limited

o/e

KEY CONSUMER CELL/GOVT. CONSUMER CELL, Sub-Station No. 15, 9<sup>th</sup> Avenue I.P Extension,  
Adjacent to St. Andrews Scots Sr. Sec. School Patparganj, Delhi 110092  
011-41247005

AsVP@KCC/2023-24/Misc- 15962

Date: - 11<sup>th</sup> Mar 2024

Nirogi Charitable & Medical Research Trust,  
Regd. Office: E-362, SF,  
Nirman Vihar, Delhi-92

**Subject: Regarding your request for the assurance of power supply for load of approx. 2300 KVA in f/o M/s. Nirogi Charitable & Medical Research Trust, 3 HPL, patparganj instutional area, Delhi-92.**

Sir,

In reference to your letter regarding power assurance received at this office on dated 27/02/2024. In the subject matter, it is to inform that considering the present loading condition of the HT network/Gird in the area and generic load growth of the area, the proposed load requirement of 2300 KVA inside subject premises is technically feasible considering current loading of 11KV network in the nearby area.

However, as and when formal application is submitted by you for the required load reassessment of the actual loading position of the 11KV network and grid substation shall have to be done before sanctioning of the applied load and scheme shall be finalized accordingly with issuance of demand note subsequently.

It may be noted that as per prevailing DERC guidelines load upto 4MVA is to be catered on HT(11kV) system of supply for which provision of built-up substation room on ground floor for installation of discom equipments(RMU's & Metering Cubical) has to be made by the applicant inside his premises.

ESS Space should not be less than 8.2M x 4.2M with clear height of 3.6M. The doors of rooms should be towards approach road .The sub-station space should have approach road of 6-meter wide.Further installation of transformer and associated equipments after discom metering shall be in the scope of consumer / applicant and all the statutory compliances/ directions as per the prevailing guidelines shall have to complied by the applicant for availing the electricity connection.

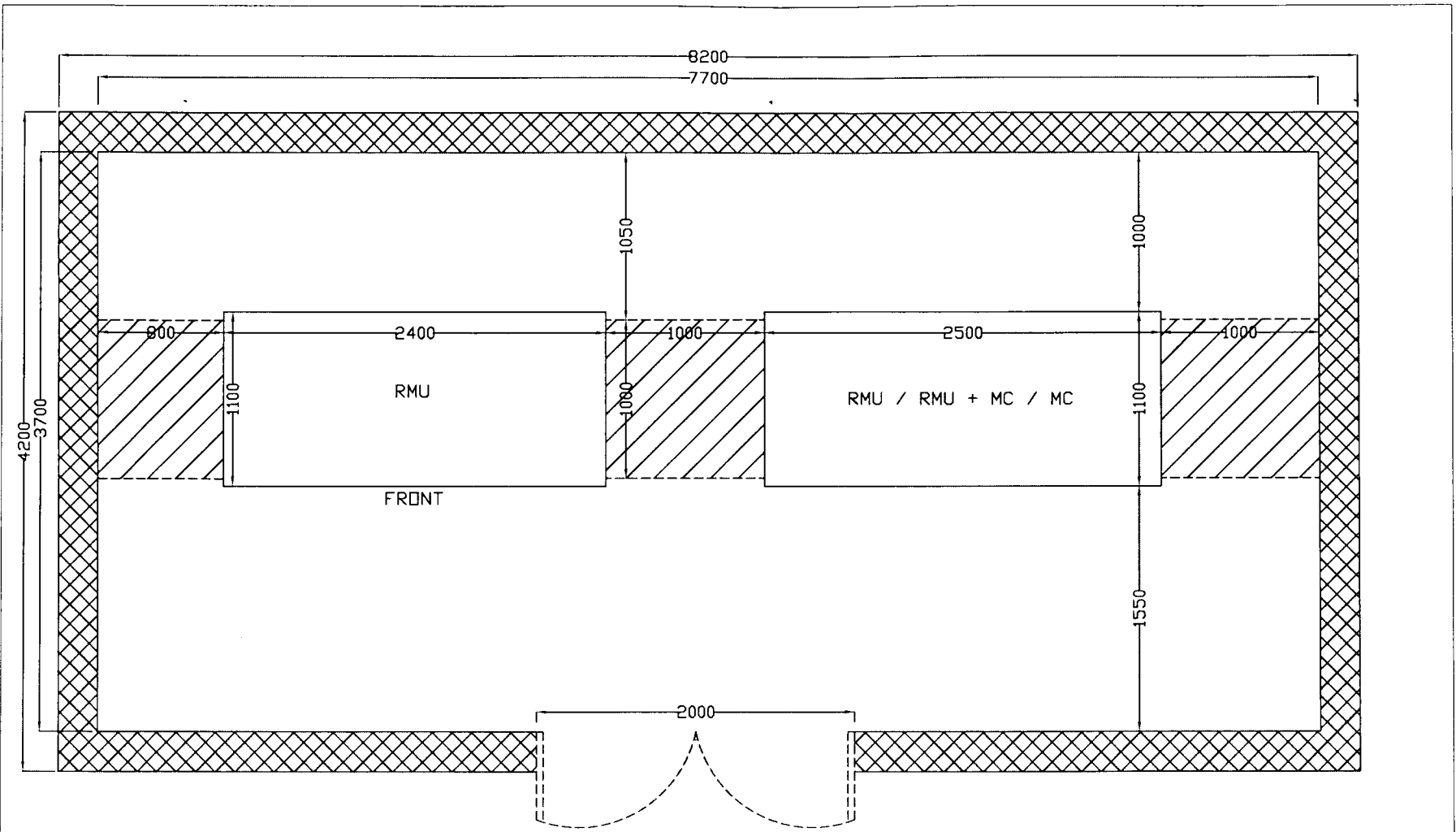
You are suggested to apply connection almost 5-6 months prior to requirement of meter installation. It is provisional approval may be change at the time of processing of actual connection request.

Thanking you and assuring you of our best services always.


Yours sincerely,  
(For BSES Yamuna Power Limited)

Deepak Saxena  
KCC Commercial





1. All Dimension In mm.
2. Road access of 6m min. required
3. S/STN height from FGL to below SOFFIT of beam -3.6 m (min) + Trench ( Min 1.5m D)

DRAWN	RAJESH	
CHECKED	SIDDHARTH	
APPD.	GS	
DATE	11/03/24	
DRG.NO.		



# भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

SAFD/NORTH/B/080524/1155707

ह २३३/आएनएमए/एनआर/एनओसी/२०२५/७१८/२५८६-८९

**मालिक का नाम एवं पता** Nirogi Charitable and Medical Research Trust **दिनांक/DATE:** 27-08-2024  
Community Facility Instl. Complex,  
**OWNERS Name & Address** Mandawali, Fazalpur Patparganj Near DCP **वैधता/ Valid Up to:** 26-08-2032  
Office, Surajmal Vihar, Shahdara, Delhi 110092

## ऊँचाई की अनुमति हेतु अनापत्ति प्रमाण पत्र(एनओसी) No Objection Certificate for Height Clearance

1) यह अनापत्ति प्रमाण पत्र भारतीय विमानपत्तन प्राधिकरण (भाविप्रा) द्वारा प्रदत्त दायित्वों के अनुक्रम तथा सुरक्षित एवं नियमित विमान प्रचालन हेतु भारत सरकार (नागर विमानन मंत्रालय) की अधिसूचना जी. एस. आर. 751 (ई) दिनांक 30 सितम्बर, 2015, जी. एस. आर. 770 (ई) दिनांक 17 दिसंबर 2020 द्वारा संशोधित, के प्रावधानों के अंतर्गत दिया जाता है।

1. This NOC is issued by Airports Authority of India (AAI) in pursuance of responsibility conferred by and as per the provisions of Govt. of India (Ministry of Civil Aviation) order GSR751 (E) dated 30th Sep.2015 amended by GSR770(E) dated 17th Dec 2020 for safe and Regular Aircraft Operations.

2). इस कार्यालय को निम्नलिखित विवरण के अनुसार प्रस्तावित संरचना के निर्माण पर कोई आपत्ति नहीं है।

2. This office has no objection to the construction of the proposed structure as per the following details:

अनापत्ति प्रमाणपत्र आईडी / NOC ID	SAFD/NORTH/B/080524/1155707
आवेदक का नाम / Applicant Name*	Bimal Kumar Srivastava
स्थल का पता / Site Address*	Community Facility Instl. Complex Mandawali, Fazalpur Patparganj Near DCP Office, Surajmal Vihar, Shahdara, Delhi 110092, Shahdara, Delhi, Delhi
स्थल के निर्देशांक / Site Coordinates*	28 37 42.98N 77 18 51.69E, 28 37 40.43N 77 18 52.77E, 28 37 43.72N 77 18 53.45E, 28 37 38.07N 77 18 53.79E, 28 37 41.32N 77 18 54.47E, 28 37 38.81N 77 18 55.55E
स्थल की ऊँचाई एएमएसएल मीटर में (औसतन समुद्र तल से ऊपर), (जैसा आवेदक द्वारा उपलब्ध कराया गया) / Site Elevation in mtrs AMSL as submitted by Applicant*	201.88 M
अनुमन्य अधिकतम ऊँचाई एएमएसएल मीटर में (औसतन समुद्र तल से ऊपर) / Permissible Top Elevation in mtrs Above Mean Sea Level(AMSL)	301.88 M

\* जैसा आवेदक द्वारा उपलब्ध कराया गया / As provided by applicant\*

3) यह अनापत्ति प्रमाण पत्र निम्नलिखित नियम व शर्तों के अधीन है: -

3. This NOC is subject to the terms and conditions as given below:

क) आवेदक द्वारा उपलब्ध कराए गए स्थल की ऊँचाई तथा निर्देशांक को, प्रस्तावित संरचना हेतु अनुमन्य अधिकतम ऊँचाई जारी करने के लिए प्रयोग किया गया है। भारतीय विमान पत्तन प्राधिकरण, आवेदक द्वारा उपलब्ध कराये गए स्थल की ऊँचाई तथा निर्देशांक की यथार्थता का ना तो उत्तरदायित्व वहन करता है, और ना ही इनको प्रमाणीकृत करता है। यदि किसी भी स्तर पर यह पता चलता है कि वास्तविक विवरण, आवेदक द्वारा उपलब्ध कराए गए विवरण से भिन्न है, तो यह अनापत्ति प्रमाण पत्र अमान्य माना जाएगा तथा कानूनी कार्यवाही की जाएगी। सम्बंधित विमान क्षेत्र के प्रभारी अधिकारी द्वारा एयरक्राफ्ट नियम 1994 (भवन, वृक्षों आदि के कारण अवरोध का विध्वंस) के अधीन कार्यवाही की जायगी।

a. Permissible Top elevation has been issued on the basis of Site coordinates and Site Elevation submitted by Applicant. AAI neither owns the responsibility nor authenticates the correctness of the site coordinates & site elevation provided by the applicant. If at any stage it is established that the actual data is different, this NOC will stand null and void and action will be taken as per law. The officer in-charge of the concerned aerodrome may initiate action under the Aircraft (Demolition of Obstruction caused by Buildings and Trees etc.) Rules, 1994",

ख) अनापत्ति प्रमाण पत्र के आवेदन में आवेदक द्वारा उपलब्ध कराए गए स्थल निर्देशांक को सड़क दृश्य मानचित्र और उपग्रह मानचित्र पर अंकित किया गया है जैसा कि अनुलग्नक में दिखाया गया है। आवेदक / मालिक यह सुनिश्चित करे कि अंकित किए गए निर्देशांक उसके स्थल से मेल खाते हैं। किसी भी विसंगति के मामले में, नामित अधिकारी को अनापत्ति प्रमाण पत्र रद्द करने के लिए अनुरोध किया जाएगा।

b. The Site coordinates as provided by the applicant in the NOC application has been plotted on the street view map and satellite map as shown in ANNEXURE. Applicant/Owner to ensure that the plotted coordinates corresponds to his/her site. In case of any discrepancy, Designated Officer shall be requested for cancellation of the NOC.

ग) एयरपोर्ट संचालक या उनके नामित प्रतिनिधि, अनापत्ति प्रमाण पत्र नियमों और शर्तों का अनुपालन सुनिश्चित करने के लिए स्थल (आवेदक या मालिक के साथ पूर्व समन्वय के साथ) का दौरा कर सकते हैं।

c. Airport Operator or his designated representative may visit the site (with prior coordination with applicant or owner) to ensure that NOC terms & conditions are complied with.

घ) संरचना की ऊँचाई (सुपर स्ट्रक्चर सहित) की गणना अनुमन्य अधिकतम ऊँचाई (ए एम एस एल) से स्थल की ऊँचाई को घटाकर की जायेगी। अर्थात्, संरचना की अधिकतम ऊँचाई = अनुमन्य अधिकतम ऊँचाई (-) स्थल की ऊँचाई।

d. The Structure height (including any superstructure) shall be calculated by subtracting the Site elevation in AMSL from the Permissible Top Elevation in AMSL i.e. Maximum Structure Height = Permissible Top Elevation minus (-) Site Elevation.

च) अनापत्ति प्रमाण पत्र जारी करना, भारतीय एयरक्राफ्ट एक्ट 1934, के सैक्शन 9-A तथा इसके अंतर्गत समय-समय पर जारी अधिसूचनाएं तथा एयरक्राफ्ट नियम (1994 भवन, वृक्षों आदि के कारण अवरोध का विध्वंस) के अधीन है।

e. The issue of the 'NOC' is further subject to the provisions of Section 9-A of the Indian Aircraft Act, 1934 and any notifications issued there under from time to time including, "The Aircraft (Demolition of Obstruction caused by Buildings and Trees etc.) Rules, 1994".

छ) कोई भी रेडियो/ टीवी एन्टीना, लाइटनिंग अरेस्टर, सीढिया, मुम्टी, पानी की टंकी अथवा कोई अन्य वस्तु तथा किसी भी प्रकार के संलग्नक उपस्कर पैरा 2 में उल्लेखित अनुमन्य अधिकतम ऊँचाई से ऊपर नहीं जानी चाहिए।

f. No radio/TV Antenna, lightening arresters, staircase, Mumty, Overhead water tank or any other object and attachments of fixtures of any kind shall project above the Permissible Top Elevation as indicated in para 2.



# भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

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त) यदि स्थल रक्षा विभाग के विमान क्षेत्र के अधिकार क्षेत्र में आता है, जैसा कि जीएसआर 751 (ई) की अनुसूची-V में सूचीबद्ध है, तो आवेदक को रक्षा विभाग से अलग से अनापत्ति प्रमाणपत्र लेना होता है। जीएसआर 751 (ई) जी. एस. आर. 770 (ई) द्वारा संशोधित के नियम 13 के अनुसार, आवेदकों को उन स्थलों के लिये, जो जीएसआर 751 (ई) जी. एस. आर. 770 (ई) द्वारा संशोधित के अनुसूची- IV (भाग -2; आरसीएस हवाई अड्डों के अलावा) के रूप में सूचीबद्ध बिना लाइसेंस वाले विमान क्षेत्र के अधिकार क्षेत्र में आता है, तो संबंधित राज्य सरकार से भी अनापत्ति प्रमाणपत्र लेने की आवश्यकता है।

n. Applicant needs to seek separate NOC from Defence, if the site lies within the jurisdiction of Defence Aerodromes as listed in Schedule – V of GSR 751 E amended by GSR770(E). As per rule 13 of GSR 751 E amended by GSR770(E), applicants also need to seek NOC from the concerned state government for sites which lies in the jurisdiction of unlicensed aerodromes as listed in Schedule-IV (Part-2; other than RCS airports) of GSR 751 E amended by GSR770(E)

थ) अनापत्ति प्रमाण पत्र (एनओसी) की किसी भी त्रुटि/व्याख्या की स्थिति में अंगरेजी अनुवाद ही मान्य होगा।

o. In case of any discrepancy/interpretation of NOC letter, English version shall be valid.

द) स्थल की ऊँचाई और/या संरचना की ऊँचाई के किसी भी विवाद में अनुमन्य अधिकतम ऊँचाई एएमएसएल में ही मान्य होगी।

p. In case of any dispute with respect to site elevation and/or AGL height, Permissible Top Elevation in AMSL shall prevail.



# भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

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ज) विमानक्षेत्र संदर्भ बिंदु के 8 KM के भीतर तेल, बिजली या किसी अन्य ईंधन का उपयोग जो उड़ान संचालन के लिए धुएं का खतरा पैदा नहीं करता है, ही मान्य है।

g. Use of oil, electric or any other fuel which does not create smoke hazard for flight operation is obligatory, within 8 KM of the Aerodrome Reference Point

झ) यह प्रमाणपत्र इसके जारी होने की तारीख से 8 साल की अवधि के लिए वैध है, तथा उक्त प्रमाणपत्र जारी करने की तारीख से अधिकतम बारह साल की अवधि के लिए बढ़ाया जाएगा।

h. The certificate is valid for a period of 8 years from the date of its issue & shall be extended for a maximum period of twelve years from the date of its issue.

ट) भवन के निर्माण के दौरान या उसके बाद किसी भी समय स्थल पर ऐसी कोई भी लाइट या लाइटों का संयोजन नहीं लगाया जाएगा जिसकी तीव्रता, आकृति या रंग के कारण वैमानिक ग्राउन्ड लाइटों के साथ भ्रम उत्पन्न हो। विमान के सुरक्षित प्रचालन को प्रभावित करने वाली कोई भी गतिविधि मान्य नहीं होगी।

i. No light or a combination of lights which by reason of its intensity, configuration or colour may cause confusion with the aeronautical ground lights of the Airport shall be installed at the site at any time, during or after the construction of the building. No activity shall be allowed which may affect the safe operations of flights.

ठ) आवेदक द्वारा विमानपत्तन पर या उसके आसपास विमान से उत्पन्न शोर, कंपन या विमान प्रचालन से हुई किसी भी क्षति के विरुद्ध कोई शिकायत/दावा नहीं किया जाएगा।

j. The applicant will not complain/claim compensation against aircraft noise, vibrations, damages etc. caused by aircraft operations at or in the vicinity of the airport.

ड) डे मार्किंग तथा सहायक विद्युत आपूर्ति सहित नाइट लाइटिंग (डीजीसीए भारत की वेबसाइट [www.dgca.nic.in](http://www.dgca.nic.in) पर उपलब्ध) नागर विमानन आवश्यकताएं श्रृंखला 'बी' पार्ट I। सैक्शन-4 के चैप्टर 6 तथा अनुलग्नक 6 में विनिर्दिष्ट दिशानिर्देशों के अनुसार उपलब्ध कराई जाएंगी।

k. Day markings & night lighting with secondary power supply shall be provided as per the guidelines specified in chapter 6 and appendix 6 of Civil Aviation Requirement Series 'B' Part I Section 4, available on DGCA India website: [www.dgca.nic.in](http://www.dgca.nic.in)

ढ) भवन के नक्शे के अनुमोदन सहित अन्य सभी वैधानिक अनापत्ति, संबंधित प्राधिकरणों से लेना आवेदक की जिम्मेदारी होगी, क्योंकि इस ऊँचाई हेतु अनापत्ति प्रमाणपत्र लेने का उद्देश्य सुरक्षित एवं नियमित विमान प्रचालन सुनिश्चित करना है तथा इसे भूमि के स्वामित्व आदि सहित किसी अन्य उद्देश्य/ दावे के लिए दस्तावेज के रूप में प्रयोग नहीं किया जा सकता।

l. The applicant is responsible to obtain all other statutory clearances from the concerned authorities including the approval of building plans. This NOC for height clearances is only to ensure safe and regular aircraft operations and shall not be used as document for any other purpose/claim whatsoever, including ownership of land etc.

ण) इस अनापत्ति प्रमाणपत्र आईडी का मूल्यांकन I.G.I Airport, Meerut, Rohini Heliport, Safdarjung Airport, Sampla, Sikandrabad विमानक्षेत्रों के संबंध में किया गया है। यह अनापत्ति प्रमाणपत्र भारतीय विमान पत्तन प्राधिकरण के विमानक्षेत्रों और अन्य लाइसेंस प्राप्त सिविल विमानक्षेत्रों, जो जी. एस. आर. 751 (ई) जी. एस. आर. 770 (ई) द्वारा संशोधित के अनुसूची - III, अनुसूची - IV (भाग- I), अनुसूची- IV (भाग -2; केवल RCS हवाई अड्डे) और अनुसूची- VII में सूचीबद्ध हैं, के लिए जारी किया गया है।

m. This NOC ID has been assessed with respect to the I.G.I Airport, Meerut, Rohini Heliport, Safdarjung Airport, Sampla, Sikandrabad Airports. NOC has been issued w.r.t. the AAI Aerodromes and other licensed Civil Aerodromes as listed in Schedule - III, Schedule - IV (Part-I), Schedule- IV (Part-2; RCS Airports Only) and Schedule-VII of GSR 751(E) amended by GSR 770(E)

क्षेत्र का नाम / Region Name:

उत्तर/NORTH

पदनामित अधिकारी/Designated Officer	U. D. Baruah 27/08/24 उत्पल दत्ता बरुआ/UTPAL DUTTA BARUAH महाप्रबंधक (एटीएम)/General Manager (ATM) उत्तरी क्षेत्र/ Northern Region भारतीय विमानपत्तन प्राधिकरण/Airports Authority of India एन.ए.टी.एस.कॉम्प्लेक्स/इं.पा.अं हवाई अड्डा, नई दिल्ली-37 NATS Complex/IGI Airport, New Delhi-37
नाम/ पदनाम/दिनांक सहित हस्ताक्षर Name/Designation/Sign with date	
द्वारा तैयार Prepared by	Jain 27/08/24 Naveen Jain, DSM(ATM)
द्वारा जांचा गया Verified by	Yashwanth 27/08/2024 Yashwanth Sharan JSM(ATM)

ईमेल आईडी / EMAIL ID : noc\_nr@aai.aero

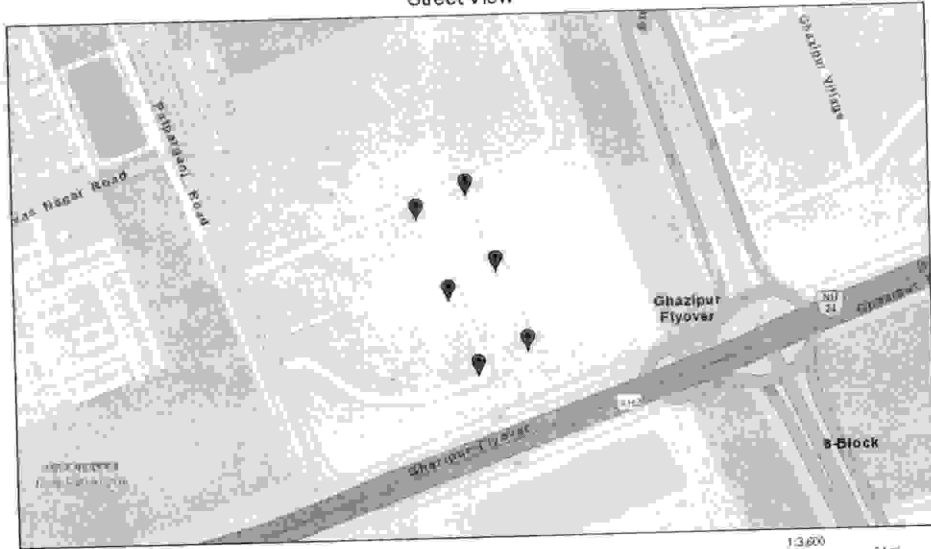
फोन/ Ph: 011-25653551

ANNEXURE/अनुलग्नक

Distance From Nearest Airport And Bearing/निकटतम विमानक्षेत्र से दूरी और बीयरिंग

Airport Name/ विमानक्षेत्र का नाम	Distance (Meters) from Nearest ARP/निकटतम विमानक्षेत्र संदर्भ बिंदु से दूरी (मीटर में)	Bearing(Degree) from Nearest ARP/निकटतम विमानक्षेत्र संदर्भ बिंदु से बीयरिंग (डिग्री)
I.G.I Airport	20865.35	70.39
Meerut	46791.33	227.94
Rohini Heliport	28515.99	117.62
Safdarjung Airport	11587.67	64.84
Sampla	52795.19	112.66
Sikandrabad	46395.55	302.8
NOCID	SAFD/NORTH/B/080524/1155707	

Street View



August 5, 2024

0 0.03 0.06 0.09 0.12  
0 0.04 0.08 0.17 m

Satellite View



August 5, 2024

0 0.03 0.06 0.09 0.12  
0 0.04 0.08 0.17 m

# FORM- B-1

(Chapter 2, Para 2.3 )

## GRANT OF SANCTION



**NAME OF THE SANCTIONING AUTHORITY MUNICIPAL CORPORATION OF DELHI**

**Building Department (HQ) / HQ Zone**

File No. 10117205 Dated: 20/09/2024

To,

Nirogi Charitable and medical reserch Trust  
Community Facility, Institutional Complex, Mandawali fazalpur, Near DCP Office, Patparganj, Delhi  
New Delhi

*GRANT OF SANCTION*

**Sub: Sanction Under Clause 336 of Delhi Municipal Corporation Act, 1957**

Dear Sir/Madam,

With reference to your application dated **13/05/2024** for the grant of sanction to erect/re-erect/add to/alteration in the building to carry out the development specified in the said application relating to Plot no. **05**, Pocket no. \_\_\_\_\_, Block no. \_\_\_\_\_, Sector no. \_\_\_\_\_, Situated in/ at **Community Facility, institutional complex, Mandawali fazalpur, Near DCP office, Patparganj, Delhi-92**. I have to state that the same has been sanctioned on **23/08/2024** by the MCD subject to the following conditions and corrections made on the plans:-

1. The plans are valid up to 19 day of month Sep year 2029.
2. The construction will be undertaken as per sanctioned plan only and no deviation from the bye-laws will be permitted without prior sanction. Any deviation done against the bye-laws is liable to be demolished and the supervising Architect, engaged on the job will run the risk of having his license cancelled.
3. Violation of building bye-laws will not be compounded.
4. It will be duty of the owner of the plot and the Architect preparing the plan to ensure that the sanctioned plans are as per prevalent building bye-laws. If any infringement of the bye-laws remains unnoticed the EAST DELHI MUNICIPAL CORPORATION reserves the right to amend the plans as and when the infringement comes to its notice and EAST DELHI MUNICIPAL CORPORATION will stand indemnified against any claim on this account.
5. The party shall not occupy or permit it to occupy the building or use permit the building or part there of affected by any such work until occupancy certificate is issued by the sanctioning Authority.
6. EAST DELHI MUNICIPAL CORPORATION will stand indemnified and kept harmless from all proceedings in courts and before other authorities of all expenses/losses/claims which the EAST DELHI MUNICIPAL CORPORATION may incur or become liable to pay as a result or in consequences of the sanction accorded by it to these building plans.
7. The door and window leaves shall be fixed in such a way that they shall not when open project on any street.
8. The party will convert the house into dwelling units of each floor as per the approved parameters of the project and shall use the premises only for residential purpose.
9. The building shall not be constructed within minimum mandatory distance as specified in Indian Electricity Rules

10. The land left open on consequences of their enforcement of the set back rule shall form part of the public street.
11. The thickness of outer walls will be maintained at least 0.23 mt. (9").
12. The basic levels should be got ascertained from the concerned at the site of the construction.
13. The owner will display boards of minimum size of 3 ft. X 4ft. indicating the following
  - i. Plot No. and location  
.....
  - ii. Name of lessee/owner  
.....
  - iii. Use of the property as per lease deed  
.....
  - iv. Date of sanction of Building Plan with No.  
.....
  - v. Sanction valid up to  
.....
  - vi. Use of different floors and areas sanctioned  
.....
  - vii. Name of the Architect & his address  
.....
  - viii. Name of the contractor and his address  
.....
14. The provision of the display board on the construction site is a mandatory requirement and non-compliance of the same will invite a penalty of Rs. 5000/-.
15. It will be ensured that the construction / demolition work shall be carried out in such a manner that no disturbance/nuisance is caused to residents of the neighborhood.
16. It will be ensured by the owner and the Architect that during the construction the building plans sanctioned shall satisfy all the Environmental Conditions for Buildings and Constructions of Chapter 3, Annexure XIV of these Bye laws and as amended from time to time or any specific orders issued by the Govt.
17. Intimation of Completion of work up to Plinth Level, Plinth Level inspection and the issue of Plinth level Inspection shall be done as per procedures laid down in the Chapter 2 of these bye-laws
18. The building shall be constructed strictly in accordance with the sanction plan as well as in accordance with the certificate submitted jointly by the owner/Architect/Structural Engineer for safety requirement as stipulated in Chapter 9 of these Building Bye-Laws, and the structural Design including safety from any natural hazards duly incorporated in the design of the building as per the Government Of India Notification issued time to time and Annexure VII of theses Bye Laws.
19. The mulba during the construction will be removed on weekly basis. If the same is not done, in that case the local body shall remove the mulba and the cost shall be borne by the owner of the plot.

means of erecting a screen wall not less than 8 ft. in height from ground level which is to be painted to avoid unpleasant look from the road side. In addition to this a net or some other protective material shall be hoisted at the facades or the building to ensure that any falling material remains within the protected area.

21. Noise related activities will not be taken up for construction at night after 10.00 PM.

22 (i) Every builder or owner shall put tarpaulin on scaffolding around the area of construction and the building. No person including builder, owner can be permitted to store any construction material particularly sand on any part of the street, roads in any colony.

(ii) The construction material of any kind that is stored in the site will be fully covered in all respects so that it does not disperse in the air in any form.

(iii) The construction material and debris shall be carried in the trucks or other vehicles which are fully covered and protected so as to ensure that the construction debris or the construction material does not get dispersed into the air or atmosphere, in any form whatsoever.

(iv) The dust emissions from the construction site should be completely controlled and all precautions taken in that behalf.

(v) The vehicles carrying construction material and construction debris of any kind should be cleared before it is permitted to ply on the road after unloading of such material.

(vi) Every worker working on the construction site and involved in loading, unloading and carriage of construction material and construction debris shall be provided with mask to prevent inhalation of dust particles.

(vii) Every owner and or builder shall be under obligation to provide all medical help, investigation and treatment to the workers involved in the construction of building and carry of construction material and construction debris relatable to dust emission.

(viii) It shall be the responsibility of every builder to transport construction material and debris waste to construction site, dumping site or any other place in accordance with rules and in terms of this order.

(ix) All to take appropriate measures and to ensure that the terms and conditions of the earlier order and these orders should strictly comply with by fixing sprinklers, creations of green air barriers.

(x) Compulsory use of wet jet in grinding and stone cutting.

(xi) Wind breaking walls around construction site.

(xii) All efforts to be made to increase the tree cover area by planting large number of trees of various species depending upon the quality content of soil and other natural attendant circumstances.

(xiii) All the builders who are building commercial, residential complexes which are covered under the EIA Notification of 2006 shall provide green belt around the building that they construct.

23. The sanctioning authority approves Architectural Drawings/Development Control norms with respect to the Building Bye Laws and Master Plan provisions only. The technical drawings/documents submitted by the owner/consultant/Architect/Engineer/Structural Engineer/Landscape Architect /Urban Designer/Engineer for Utility Services are considered as part of the records/information supporting the building permit only. The responsibility of the correctness of information/application of technical provisions fully vests with the owner/consultant/Architect/Engineer/Structural Engineer/Landscape Architect /Urban Designer/Engineer for Utility Services and shall be liable as per laws.

24. No puncture, perforation, cutting, chiseling, trimming of any kind for any purpose are permitted in the structural members(beams / columns)submitted by the structural engineer as structural drawing for building permit in accordance with the relevant structural codes.

25. The sanction will be void ab initio if any material fact has been suppressed or mis-represented or if auxiliary conditions mentioned above are not complied.

Note: - Given below is the Remark provided by concern sanctioning authority:-

*"This online sanction of Hospital Building has been accorded based on documents/plans /details uploaded by the architect/owner. The genuineness/correctness of the uploaded documents lies with the owner/architect, and the MCD will not be held responsible for any dispute that arises in the future. In case any discrepancy/misrepresentation / fraudulent statement in contravention of UBBL-2016, MPD-2021 is found/noticed at any stage, the MCD shall be at liberty to take action against the owner/architect/engineer as per law.*

*The details of NOC / Approvals from other Agencies are as under:*

*A. Delhi Urban Art Commission has accorded Online approval vide No.: OL-14052456005 Dated 24.05.2024.*

*B. Delhi Fire Service Grant On-Line clearance from Fire Safety point of view vide No. F.6/DFS/MS/BP/2024/21 Dated 24.01.2024 with certain observations/corrections. The same has been incorporated in the proposal and also adhered by the applicant during the course of construction.*

*C. DJB NOC deemed approved vide dated 28.05.2024.*

- 1. Applicant will obtain clearance from Ministry of Environment, Forest and Climate Change before start of work at site.*
- 2. In case of any change, the Applicant shall obtain the prior approval / Sanction from the sanctioning authority.*
- 3. The Unified Building Bye Laws-2016 (Amended up to date) and Green Building Norms, as per Chapter-10 of UBBL-2016 (as applicable), be adhered to during construction.*
- 4. The building proponent will get his project registered on DPCC (Delhi Pollution Control Committee) portal.*
- 5. If any Tree is required to be cut/fallen, the prior approval of Competent Authority is to be obtained.*
- 6. In case the Property is covered under the Real Estate Regulation Act. -2016, the applicant shall get the project registered with the Authority before starting the execution work at the site.*
- 7. The non-compliance may lead to the revocation of the Building Plan.*
- 8. The owner will obtain Occupancy-cum-Completion Certificate before occupying the building.*
- 9. The Applicant will deploy Anti-Smog Gun at the site during construction.*
- 10. The Applicant will obtain NOC from DMA during construction, before obtaining Occupancy-cum-Completion Certificate.*
- 11. All statutory approvals/clearances are to be taken by the Applicant before running the Hospital.*

*"*

Encl: One set on sanctioned plan

Yours Faithfully  
Assistant Engineer (Building)  
HQ /HQ Zone(digital signature)  
For Commisioner MCD

Copy to: (1) E.E. (B)Shahdara South Zone  
(2) AA & C (HQ/HQ Zone)

Signature Not Verified  
Digitally signed by VISHNU  
DUTT VASHISHT  
Date: 2024.09.20 16:00:08 IST