

**ANNEXURE I**  
**EC Letter**



**F. No. - SIA/8(a)/1273/2021**  
**STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY,**  
**BIHAR**

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Dated:- 19/03/2021

To,

**Shri Kishor Kunal,**  
**Secretary,**  
**M/s Sri Mahavir Sthan Nyas Samity,**  
**Patna Junction,**  
**Mahavir Mandir,**  
**District:- Patna, State:- Bihar,**  
**Pin:- 800 001,**  
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Sub:

**Proposed Temple Project "VIRAAT RAMAYANA MANDIR" at Mauza:- Bahuara Harbans, Kaithwalia, Siswa Narsingh, Block:- Kesaria & Kalyanpur, District:- East Champaran, State:- Bihar by M/s Sri Mahavir Sthan Nyas Samity; with proposed Built-up Area of 41,583.28 m<sup>2</sup> in the proposed plot area of 2,39,196.04 m<sup>2</sup> - Environment Clearance regarding.**

*Sudha Kumar*  
**Member Secretary**  
**SEIAA, Bihar**

**Reference:-**

1. Online Application - SIA/BR/MIS/197832/2021.
2. Your application dated 17-02-2021 (hard copy submission).
3. Minutes of the SEAC meeting held on 27-02-2021.
4. Minutes of the SEIAA meeting held on 16-03-2021.

Sir,

This has reference to your online application for the above proposal of Temple Project "VIRAAT RAMAYANA MANDIR" at East Champaran, for building construction project at District- East Champaran.

The details of the project provided by project proponent -

| Sl. No. | Item                                             | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.      | Name of the project                              | Proposed Temple Project "VIRAAT RAMAYANA MANDIR" at Mauza:- Bahuara Harbans, Kaithwalia, Siswa Narsingh, Block:- Kesaria & Kalyanpur, District:-East Champaran, State:- Bihar                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 2.      | S. No. in the Schedule of EIA                    | 8(a)<br>{Building & Construction Project}                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 3.      | Total Plot Area of the project                   | 2,39,196.04 m <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 4.      | Proposed total Built-up Area of the project      | 41,583.28 m <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 5.      | Proposed total Parking Area of the project       | 19,199 m <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 6.      | Total Green Belt / Landscape Area of the project | 1,33,662.825 m <sup>2</sup> (55.88% of the total plot area)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 7.      | Geo-Coordinates of the project                   | Latitude - 26° 23' 03.15" N<br>Longitude - 84° 56' 07.16" E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 8.      | Location of the Project                          | Thana No.:- 192, 193, 191,<br>Khata No.:- 14, 2, 3, 6, 7, 8, 11, 66, 67, 72, 75, 86, 87, 134, 144, 155, 159, 161, 203, 219, 220, 224, 229, 239, 240, 245, 260, 265, 285, 334, 341, 342, 350, 351, 352, 368, 369, 370, 372, 373, 374, 375, 376,<br>Plot No.:- 1105, 1107, 1108, 1119, 1118, 1117, 489, 490, 439, 473, 474, 476, 463, 442, 464, 1503, 1514, 1515, 1516, 1517, 1519, 1520, 1522, 1527, 1528, 1530, 1533, 1535, 1537, 1538, 1540, 1542, 1543, 1544, 1547, 1550, 1551, 1552, 1553, 1554, 1555, 1556, 1561, 1562, 1563, 1564, 1567, 1572, 2460, 2464, 2465, 2466, 2468, 2469, 2476, 2483, 2484, 2489, 2479, 2477, 2470, 2473, 2478, |

|     |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |                                                  | 2482, 2488, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2519, 2520, 2522, 2529, 2530, 2531, 2532, 2535, 2538, 2539, 2541, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2914,<br>Mauza:- Bahuara Harbans, Kaithwalia, Siswa Narsingh, Block:- Kesaria & Kalyanpur, District:-East Champaran, State:- Bihar.                                                                                              |
| 9.  | New / Expansion / Modernization                  | New                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 10. | Maximum height of Building                       | 67.07 Meters.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 11. | Population                                       | 7,875 Persons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 12. | Proposed STP Capacity                            | Total waste water Generation 128 KLD<br>STP Capacity 155 KLD<br><b>Recycled Water 115 KLD</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 13. | Solid Waste                                      | <b>During construction phase:</b><br>Approx 20 kg/day solid waste will be generated.<br><br><b>During operation phase:</b><br>Approx 2,367 kg/day solid waste will be generated.                                                                                                                                                                                                                                                                                                                                                                                     |
| 14. | Total Power Requirement                          | 1750 KVA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 15. | D.G. Set Back up                                 | 03 Nos. of DG sets.<br>(2 x 500 & 1 x 250 KVA will be installed)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 16. | Total Rain Water Harvesting Potential            | 4,501.0867 m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 17. | Total No. of Rain water harvesting pits proposed | 18 Nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 18. | Total Water Requirement                          | <b>During construction phase</b><br>approximately 23 KLD of water will be required where waste water from labour colony will be treated through mobile STP and reused.<br><br><b>During operation phase:</b><br>261 KLD of water will be required for first operation, where potable water requirement will be 98 KLD, where flushing water requirement is 50 KLD, horticulture requirement is 63 KLD and DG requirement is 2 KLD these non-potable requirements will be met through STP treated water and the excess treated water will be send to municipal sewer. |
| 19. | Total number of trees proposed                   | 4,784 Nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

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Member Secretary  
SEIAA, Bihar

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|-----|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 20. | Estimated project Cost | Total Project Cost - ₹ 99,00,00,000/- (approx.)<br>Environment Management cost<br>During Construction Phase - Capital Cost -<br>₹ 18,00,000/-<br>Recurring Cost - ₹ 20,25,000/-<br>During Operation - Capital Cost -<br>₹ 88,50,000/-<br>Recurring Cost - ₹ 23,25,000/- |
|-----|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### PREMISES OF THE ENVIRONMENTAL CLEARANCE

This Environmental Clearance is being issued on the premises which have been substantiated / described in detail in the format of application along with enclosed affidavits / certificates / undertakings etc. furnished therewith by the project proponent:-

- (i) Information provided, descriptions mentioned are complete, true and actual and no relevant fact has been concealed to obtain Environmental Clearance deceitfully by the project proponent.
- (ii) Environmental Clearance shall be liable to be revoked if furnished information, provided description / Certificates / Affidavits / Undertaking etc. are found false/ concocted at any stage of its validity.
- (iii) Project Proponent shall intimate SEIAA immediately if there is any change in their official address / E-mail / Ph. No / Cell. no etc failing which communication sent to them on old address shall be considered as delivered.
- (iv) This Environmental Clearance is issued without affecting any court order / statutory other institutions as well as relevant other laws enactment by Ministry of Environment, Forest & Climate Change Government of India, New Delhi.

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 SEIAA, Bihar

**I. Statutory compliance:**

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.
2. The Project Proponent will obtain CTE from the BSPCB before preparing site for construction; if applicable and CTO before giving occupancy.
3. All directions of the Airport Authority, Director of Explosives and Fire Department, etc. shall be complied with.
4. 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 Bihar State Pollution Control Board.
5. The Project Proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
6. 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.
7. 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.
8. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
9. The Project Proponent shall follow the ECBC / ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power, GoI. strictly.
10. The facilities provided for collection, segregation, handling, on site storage & processing of solid waste such as chute system for multi-storey buildings, wet & dry bins, collection centre & mechanical composter, etc. shall be properly maintained. The collected solid waste shall be segregated at site. The recyclable solid waste shall be sold out to the

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authorized vendors/ recyclers for which a written tie-up must be done with the authorized vendors/recyclers.

11. Hazardous waste/E-waste should be disposed off as per Rules applicable and with the necessary approval of the Bihar State Pollution Control Board.
12. Solar power plant or other solar energy related equipments shall be operated and maintained properly.
13. Provisions shall be made for the integration of solar water heating system.
14. Environmental Clearance conditions applicable for construction and operation phase which are in the interest of public at large must be displayed at prominent place which can be easily accessible to public along with address and contact number of authority to whom violation of EC conditions can be reported.

Project site shall be adequately barricaded before the start of construction activity by erecting suitable windscreen upto. 1/3<sup>rd</sup> of the building height or 10 meters height whichever is more to prevent dispersion of particulate matter from the construction site.

15. Free Parking facility for visitors shall be provided within the project premises to avoid congestions on public road.
16. Construction of appropriate civil structure and creation of other facilities shall be undertaken to provide benefit of the person suffering from disability in accordance with Hon'ble Supreme Court of India order dated 15<sup>th</sup> December 2017 in Writ Petition (Civil) 292 of 2006 with WP (Civil) 997 of 2013 (Disabled Rights Group & Anr. Vs Union of India & Ors).

## **II. Air quality monitoring and preservation**

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.

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2. Project site shall be adequately barricaded before the start of construction activity by erecting suitable windscreen upto.  $\frac{1}{3}^{\text{rd}}$  of the building height or upto 10 meters height whichever is more to prevent dispersion of particulate matter from the construction site. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. Plastic / tarpaulin sheet covers shall be provided for vehicles bringing all loose construction material e.g sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
3. A Management Plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
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. Diesel to be used should have low in sulphur content. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
5. Dust, smoke& other air pollution prevention measures shall be provided for the building as well as the site. Plastic/tarpaulin sheet covers shall be provided for vehicles bringing all lose construction material e.g sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
6. All loose construction material e.g sand, soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
7. Wet jet shall be provided for grinding and stone cutting.
8. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
9. 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 Rules, 2016.

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10. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection), Act 1986 prescribed for air and noise emission standards.
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.
12. For indoor air quality the ventilation provisions as per National Building Code of India shall be implemented.

### **III. Water quality monitoring and preservation:**

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.
2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
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, SEIAA/ Regional Office, MoEF&CC along with six monthly Monitoring reports.
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

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balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.

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.
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.
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.
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.
10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
11. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rainwater harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
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.
13. All recharge should be limited to shallow aquifer.
14. No ground water shall be used during construction phase of the project.

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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.
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.
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.
18. No sewage or untreated effluent water would be discharged through storm water drains.
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.
20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
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.
22. Separate drainage system shall be developed for storm water so that end point discharge to nearest nalla / river is ensured to avoid water logging without any increase in the pollution load in receiving system.

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23. Possibilities need to be explored to use STP waste water during construction phase. Fresh water shall be used only after exhausting the possibility of obtaining STP waste water located in municipal jurisdiction

#### **IV. Noise monitoring and prevention:**

1. Ambient noise levels shall conform to residential 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.
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.
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.

#### **V. Energy Conservation measures:**

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.
2. Outdoor and common area lighting shall be LED.
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 Energy Conservation Building Code (ECBC) specifications.

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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. 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.
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.

#### **VI. Waste Management:**

1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the Municipal Solid Waste (M.S.W.) generated from project shall be obtained.
2. Proper composting / vermi-composting of municipal and biodegradable solid wastes (expected floral waste) shall be carried out. All municipal solid wastes shall be segregated, collected, transported, treated and disposed as per provisions of the Municipal Solid Wastes (Management and Handling) Rules, 2000 (As amended).
3. All the floral waste shall be recycled after proper segregation from other biodegradable waste to make products like dhup-batti etc.
4. All the top soil excavated during construction activities shall be stored for use in horticulture/landscape development within the project site.
5. 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.

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6. 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.
7. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
8. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
9. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the Bihar State Pollution Control Board.
10. 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.
11. 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 27<sup>th</sup> August, 2003 and 25<sup>th</sup> January, 2016, Ready mixed concrete must be used in building construction.
12. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
13. 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.

## **VII. Green Cover:**

1. No tree should be felled unless exigencies demand. Wherever absolutely necessary, tree felling shall be done 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 in the ratio of species cut to species planted.

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2. 1,33,662.825 m<sup>2</sup> (55.88 %of the total plot area) shall be kept under green belt cover within the project site.
3. All the affords shall be made not to fell any tree however if any tree need to be removed necessarily a prior permission from concerned local Authority shall be obtained. In case of felling plantations to be insured in the ratio of species cut / removed to species planted. Area for green belt development shall be provided as per the details provided in the Project document.
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.

#### **VIII. Transport:**

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.
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.
3. 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.

**IX. Human health issues:**

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.
2. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
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.
5. Occupational health surveillance of the workers shall be done on a regular basis.
6. A First Aid Room shall be provided in the project both during construction and operations of the project.
7. Ensure to create permanent housing facility to station at least two 3-4 fire tender vehicle with experienced man power within the developed premises to control fire in case of any eventualities.

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**X. Corporate Environment Responsibility:**

1. The Project Proponent shall comply with the provisions contained in this Ministry's OM vide F. No. 22-65/2017-IA.III dated 1<sup>st</sup> May 2018, as applicable, regarding Corporate Environment Responsibility.
2. 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 / stakeholders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
3. 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 reported to the SEIAA / Ministry, Regional Office along with the Six Monthly Compliance Report.

**XI. Miscellaneous:**

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 Environmental Clearance and the details of MoEF&CC / SEIAA, Bihar website where it is displayed.
2. The copies of the 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.

3. All utility lines (electricity, telephone, cable, water supply, sewage, drainage, etc. shall be laid below ground level. Ducts shall be provided along and across the roads to lay the utility lines. Major trunk (water/sewerage) lines are to be laid along the utility corridor.
4. Rest room facilities shall be provided for service population.
5. Permission shall be made for food waste management facility / Bio-composting unit preferably in the campus.
6. The Project Proponent shall upload the status of compliance of the stipulated Environmental Clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
7. The Project Proponent shall abide by all the commitments and recommendations made in the EIA / EMP report, commitment made during their presentation to the State Expert Appraisal Committee.
8. 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.
9. The Project Proponent shall submit the environmental statement for each financial year in Form-V to the Bihar State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
10. The Project Proponent shall inform the SEIAA, 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. The project authorities must strictly adhere to the stipulations made by the Bihar State Pollution Control Board and the State Government.
12. No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA, Bihar.

*Sudhikumar*  
Member Secretary  
SEIAA, Bihar

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.
14. The Environmental Clearance granted on submitted basis of the layout plan of the proposed construction of buildings/establishments of industries shall be provisional for a period of one year or till its approved by the competent authority whichever is earlier. Should there be any deviation / change in the layout plan (as contained in the project proposal on which Environmental Clearance is granted), the Project Proponent shall furnish a copy along with a request to SEIAA, Bihar to make necessary correction / revision in the Environmental Clearance accordingly. Any failure on part of the Project Proponent in doing so will be treated as a violation of Environmental Clearance condition.
15. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
16. The SEIAA reserves the right to stipulate additional conditions if found necessary which shall be implemented in a time bound manner.
17. The Regional Office of the MoEF&CC, GoI / SEIAA 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.
18. Project Proponent shall erect a signboard on his project site and display information regarding name of the project, No. date and validity period of Environmental Clearance, and Environmental Clearance conditions which affect general public at large along with name of authority to which violation of Environmental Clearance conditions can be reported.
19. 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.

20. Environmental Clearance shall remain valid for a maximum period of 7 years or completion of project whichever is earlier.
21. Any appeal against this Environmental Clearance 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.

*Sudhir Kumar*  
(9/3/2021)

(Sudhir Kumar)  
Member Secretary,  
SEIAA, Bihar

*Member Secretary*  
*SEIAA, Bihar*

**ANNEXURE II**  
**CTE**



# BIHAR STATE POLLUTION CONTROL BOARD

PARIVESH BHAWAN, PLOT NO. NS-B/2, PALIPUTRA INDUSTRIAL AREA,

PATLIPUTRA, Patna – 800 010

Ref. No.:-

Patna, dated:-

## **'CONSENT-TO-ESTABLISH' (NOC)**

**UNDER SECTIONS 25/26 OF THE WATER (PREVENATION AND CONTROL OF POLLUTION) ACT, 1974 AND 21 OF THE AIR (PREVENTION AND CONTROL OF POLLUTION) ACT, 1981**

### **REFERENCE:**

- (i) Name and address of the Proponent: Sri Mahavir Sthan Nyas Samity, M/s Viraat Ramayan Mandir, At-Mahavir Mandir, Block-Patna Sadar, Dist-Patna; and
- (ii) Online Application No. 4642254 dated 31.05.2021 submitted for establishment of Building & construction project at Plot No./Khesra No.-1105, 1107, 1108, 1119, 111, Khata No.-14, 3, 6, 7, 8, 11 P, 66, 6, Mauza-Bahuara Harbans, Kaithwalia, Siswa Narsingh, Block-Kesaria & Kalyanpur, Dist-East Champaran with capacity as details given below:-
  - (a) Total built up area – 41, 583.28 SQM.
  - (b) Total investment shall be Rs. 9900 Lakhs .

### **AFTER CONSIDERING:**

- (i) The facts stated in their application;
- (ii) Bihar State Pollution Control Board's Notification No. 26 dated 08.11.2003;
- (iii) Provisions of the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981; and
- (iv) EC dated 19.03.2021 issued by SEIAA, Bihar & others document submitted by the applicant.

**NOC IN FAVOUR OF THE PROPONENT AT THE SAID SITE IS HEREBY ACCORDED SUBJECT TO THE FOLLOWING CONDITIONS:**

- (i) The proponent shall obtain 'Consent-to-Operate' under sections 25 & 26 of the Water Act, 1974 and Section 21 of the Air Act, 1981 prior to commissioning of the plant from this Board;
- (ii) The effluent (domestic or trade) and emission, if any, shall conform to the standard prescribed by the Board;
- (iii) Diesel generator sets, if any, shall have acoustic enclosures and should conform to the Environment (Protection) Rules, 1986 prescribed for air and noise emission standards. Ambient noise levels should conform to residential standards both during day and night.
- (iv) The height of the stack of the D.G. Set should be as per norms of CPCB.
- (v) All mandatory approvals and permissions such as fire Department, Health and Safety for users should be obtained.
- (vi) Provision of effective Controls of Building Management Systems such as Automatic Fire Alarm and Fire Detection and Suppression System etc, must be ensured.
- (vii) The proponent should abide by the Solid Wastes Management Rules, 2016. They will insure segregation of waste facilitation of segregated waste in separate streams, handover recyclable material to either authorised waste pickers or recyclers. The bio-degradable waste shall be processed, treated and disposed off through composting or bio methnation in their premises as far as possible the residual waste shall be given to waste collector or agency as directed by the local body.
- (viii) Ground water should not be abstracted without prior permission of the competent authority.

- (ix) The unit should follow the provisions of the Construction and Demolition Waste Management Rules, 2016.
- (x) Construction work shall be done and step will be taken to minimize fugitive emission, during carriage, Loading and unloading of construction materials.

**SPECIFIC CONDITIONS:-**

- i. The unit shall carry out construction activity with adequate green cover/mesh to arrest dust particles. The cover should be of minimum 10-15 feet height of G.I. sheet along with green cover mesh cover to completely cover the construction activity.
- ii. The unit shall make adequate arrangement of water spraying and use dust suppressants regularly.
- iii. The unit shall carry/store construction material/debris only under cover.
- iv. That they shall have to construct at full-fledged Sewage/ Effluent Treatment Plant (ETP/STP) to treat the waste water generated in the premises. The quality of treated effluent shall meet the standards prescribed for the reuse of water at least for irrigation purpose.
- v. Water meter conforming to ISO standards shall be installed at the inlet point of water uptake to monitor the daily water consumption. Use of water efficient devices / fixtures and appliance should be promoted. Installation of dual flushing system should be considered to conserve water.
- vi. The proponent must practice rainwater harvesting on regular basis.
- vii. That, they shall resort to solar energy at least for street lighting, water heating, garden/Park area.
- viii. That, tree plantation shall be done in space available in the campus.
- ix. That, the environmental statement for each financial year ending 31<sup>st</sup> in Form-V as is amended to be submitted by the proponent to the Board as prescribed in the Environment (Protection) Rules, 1986;
- x. That, in compliance of direction of the Hon'ble Supreme Court and vide Board's HQ ref. no.- 2638, dated 09.07.2019, they shall make provisions for display of data outside main unit gate about quantity and quality of water discharge and air emission along with solid waste generated within the unit premises; and
- xi. That, notwithstanding any thing stated above, the applicant unit shall abide by all the provisions of the environmental laws including policies and guidelines made there under.

**NOTE:**

- 1. Bihar State Pollution Control Board reserves the option to revise or add other conditions, if necessary, for protection of Environment in general and for Pollution Control in particular;
- 2. The present NOC should not be construed as an assurance for the grant of 'Consent-to-Operate' the proposed project but shall be subject to compliance of all the conditions indicated above; and
- 3. The NOC, granted, shall be valid for a period of three year from the date of issue.

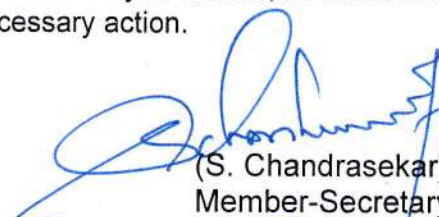
Sd/-

(S. Chandrasekar)  
Member-Secretary

Patna, dated:- 28-6-2024

Memo No.:- 897

Copy forwarded to Sri Mahavir Sthan Nyas Samity, M/s Viraat Ramayan Mandir, At-Mahavir Mandir, Block-Patna Sadar, Dist-Patna for favor of information and necessary action.

  
(S. Chandrasekar)  
Member-Secretary



## BIHAR STATE POLLUTION CONTROL BOARD

PARIVESH BHAWAN, PLOT NO. NS-B/2, PALIPUTRA INDUSTRIAL AREA,

PATLIPUTRA, Patna – 800 010

Ref. No.:-

Patna, dated:-

### **'CONSENT-TO-ESTABLISH' (NOC)**

**UNDER SECTIONS 25/26 OF THE WATER (PREVENATION AND CONTROL OF POLLUTION) ACT, 1974 AND 21 OF THE AIR (PREVENTION AND CONTROL OF POLLUTION) ACT, 1981**

#### **REFERENCE:**

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- vii. That, they shall resort to solar energy at least for street lighting, water heating, garden/Park area.
- viii. That, tree plantation shall be done in space available in the campus.
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2. The present NOC should not be construed as an assurance for the grant of 'Consent-to-Operate' the proposed project but shall be subject to compliance of all the conditions indicated above; and
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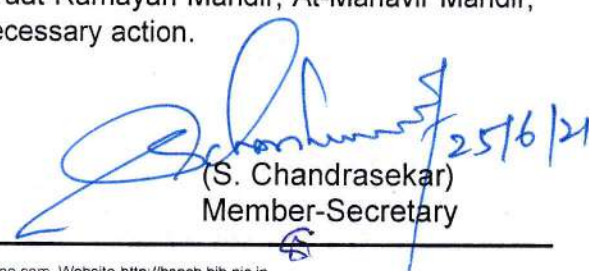
Sd/-

(S. Chandrasekar)  
Member-Secretary

Patna, dated:- 28-6-2024

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(S. Chandrasekar)  
Member-Secretary

## State Pollution Control Board, Bihar

|                                                                                                                                                                                                                                                                       |                                                                                                                                                       |               |                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------|
| <b>Receipt No.</b>                                                                                                                                                                                                                                                    | <b>802279520</b>                                                                                                                                      | <b>Date :</b> | <b>23-07-2024</b> |
| <b>Depositor Name</b>                                                                                                                                                                                                                                                 | SRI Mahavir Sthan Nyas Samity                                                                                                                         |               |                   |
| <b>Bank Name.</b>                                                                                                                                                                                                                                                     | NA                                                                                                                                                    |               |                   |
| <b>Bank Id.</b>                                                                                                                                                                                                                                                       | ICICI                                                                                                                                                 |               |                   |
| <b>Application Id.</b>                                                                                                                                                                                                                                                | 9612505                                                                                                                                               |               |                   |
| <b>Name and Address of Industry</b>                                                                                                                                                                                                                                   | Viraat Ramayan Mandir, Mauza: Bahuara Harbans, Kaithwalia, Siswa Narsingh Block:- Kesaria & Kalyanpur, East Champaran, Bihar, KESARIA, EAST CHAMPARAN |               |                   |
| <b>Name of Regional Office</b>                                                                                                                                                                                                                                        | Group                                                                                                                                                 |               |                   |
| <b>Applied For</b>                                                                                                                                                                                                                                                    | CTE - both - new                                                                                                                                      |               |                   |
| <b>Payment Date</b>                                                                                                                                                                                                                                                   | 23-07-2024                                                                                                                                            |               |                   |
| <b>Payment Details</b>                                                                                                                                                                                                                                                |                                                                                                                                                       |               |                   |
| <b>CTE both (Rs.)</b>                                                                                                                                                                                                                                                 | 150000.0                                                                                                                                              |               |                   |
| <b>Total Amount Paid (Rs.)</b>                                                                                                                                                                                                                                        | 150000.0                                                                                                                                              |               |                   |
| <b>Transaction Status</b>                                                                                                                                                                                                                                             | Successfully Completed                                                                                                                                |               |                   |
| <a href="#">Print</a>                                                                                                                                                                                                                                                 |                                                                                                                                                       |               |                   |
| <b>Note:- All the correspondences in Online Consent Management Monitoring System (OCMMS) will be done online only, no hard copy letters/notices shall be sent separately. Therefore, you are requested to check the status of your application from time to time.</b> |                                                                                                                                                       |               |                   |

**ANNEXURE III**  
**Land Documents**

# VIRAT RAMAYAN MANDIR

## LAND DOCUMENT

| NAME OF VILLAGE - KAITHAWALIA |           |                            |               | THANA NO. - 192        |             |                      |
|-------------------------------|-----------|----------------------------|---------------|------------------------|-------------|----------------------|
| SL No.                        | KHATA NO. | KHESRA NO.                 | AREA (Dismil) | NAME OF DONOR / SELLER | DEED NUMBER | DATE OF REGISTRATION |
| 1                             | 14        | 1105                       | 45            | SUDARSAN GIRI          | 3242        | 01-08-2012           |
| 2                             | 14        | 1107                       | 65            | SUDARSAN GIRI          | 3242        | 01-08-2012           |
| 3                             | 14        | 1108                       | 100           | SUDARSAN GIRI          | 3242        | 01-08-2012           |
| 4                             | 14        | 1119                       | 43            | SUDARSAN GIRI          | 3242        | 01-08-2012           |
| 5                             | 14        | 1118                       | 80            | SUDARSAN GIRI          | 3242        | 01-08-2012           |
| 6                             | 14        | 1117                       | 70            | SUDARSAN GIRI          | 3242        | 01-08-2012           |
|                               |           | <b>TOTAL AREA (Dismil)</b> | <b>403</b>    |                        |             |                      |

# VIRAT RAMAYAN MANDIR

## LAND DOCUMENT

| NAME OF VILLAGE - SISWA NARSINGH |           |                     |               | THANA NO. - 193        |             |                      |
|----------------------------------|-----------|---------------------|---------------|------------------------|-------------|----------------------|
| SL No.                           | KHATA NO. | KHESRA NO.          | AREA (Dismil) | NAME OF DONOR / SELLER | DEED NUMBER | DATE OF REGISTRATION |
| 1                                | 2         | 489/490             | 40.235        | SATYENDAR SINGH        | 791         | 23-02-2013           |
| 2                                | 2         | 490/489             | 42.3          | JAY PRAKASH SINGH      | 1436        | 30-12-2014           |
| 3                                | 2         | 489/490             | 30            | AWADH KISHOR SINGH     | 3615        | 31-08-2012           |
| 4                                | 2         | 490                 | 41            | AWADH KISHOR SINGH     | 3615        | 31-08-2012           |
| 5                                | 2         | 489/490             | 47.235        | AWADH KISHOR SINGH     | 3426        | 18-08-2012           |
| 6                                | 7         | 439                 | 55            | AZIT TIWARI            | 3425        | 18-08-2012           |
| 7                                | 3         | 476                 | 28.2          | PRAMOD TIWARI          | 1437        | 30-12-2014           |
| 8                                | 8         | 464                 | 49.82         | RAM EAKBAL TIWARI      | 3419        | 18-08-2012           |
| 9                                | 8         | 473                 | 71.91         | RAM EAKBAL TIWARI      | 3419        | 18-08-2012           |
| 10                               | 6         | 474                 | 92.825        | RAM EAKBAL TIWARI      | 3419        | 18-08-2012           |
| 11                               | 3         | 476                 | 56.4          | RAMANAND TIWARI        | 1435        | 30-12-2014           |
| 12                               | 11        | 463                 | 28.2          | RAJA RAM TIWARI        | 1386        | 08-04-2015           |
| 13                               | 11        | 442                 | 14.1          | SATYANARAYAN TIWARI    | 3844        | 21-08-2015           |
| 14                               | 11        | 463                 | 9.4           | SATYANARAYAN TIWARI    | 4628        | 09-12-2016           |
|                                  |           | TOTAL AREA (Dismil) | 606.625       |                        |             |                      |

# VIRAT RAMAYAN MANDIR

## LAND DOCUMENT

| NAME OF VILLAGE - BAHUARA HARIBANSH |           |            |               | THANA NO. - 191        |             |                      |
|-------------------------------------|-----------|------------|---------------|------------------------|-------------|----------------------|
| SL No.                              | KHATA NO. | KHESRA NO. | AREA (Dismil) | NAME OF DONOR / SELLER | DEED NUMBER | DATE OF REGISTRATION |
| 1                                   | 341       | 2476       | 590           | SUDARSAN GIRI          | 3242        | 01-08-2012           |
| 2                                   | 341       | 2483       | 122           | SUDARSAN GIRI          | 3242        | 01-08-2012           |
| 3                                   | 341       | 2484       | 295           | SUDARSAN GIRI          | 3242        | 01-08-2012           |
| 4                                   | 341       | 2489       | 59            | SUDARSAN GIRI          | 3242        | 01-08-2012           |
| 5                                   | 375       | 2479       | 24            | SUDARSAN GIRI          | 3242        | 01-08-2012           |
| 6                                   | 368       | 2477       | 320           | SUDARSAN GIRI          | 3242        | 01-08-2012           |
| 7                                   | 368       | 2510       | 220           | SUDARSAN GIRI          | 3242        | 01-08-2012           |
| 8                                   | 368       | 2478/2914  | 52            | SUDARSAN GIRI          | 3242        | 01-08-2012           |
| 9                                   | 368       | 2482       | 37            | SUDARSAN GIRI          | 3242        | 01-08-2012           |
| 10                                  | 368       | 2492       | 47            | SUDARSAN GIRI          | 3242        | 01-08-2012           |
| 11                                  | 368       | 2495       | 83            | SUDARSAN GIRI          | 3242        | 01-08-2012           |
| 12                                  | 368       | 2496       | 37            | SUDARSAN GIRI          | 3242        | 01-08-2012           |
| 13                                  | 368       | 2531       | 24            | SUDARSAN GIRI          | 3242        | 01-08-2012           |
| 14                                  | 368       | 2532       | 30            | SUDARSAN GIRI          | 3242        | 01-08-2012           |
| 15                                  | 66        | 2488       | 21            | SUDARSAN GIRI          | 3242        | 01-08-2012           |
| 16                                  | 66        | 2490       | 19            | SUDARSAN GIRI          | 3242        | 01-08-2012           |
| 17                                  | 66        | 2530       | 16            | SUDARSAN GIRI          | 3242        | 01-08-2012           |
| 18                                  | 376       | 2491       | 13            | SUDARSAN GIRI          | 3242        | 01-08-2012           |
| 19                                  | 376       | 2493       | 5             | SUDARSAN GIRI          | 3242        | 01-08-2012           |
| 20                                  | 376       | 2494       | 9             | SUDARSAN GIRI          | 3242        | 01-08-2012           |
| 21                                  | 376       | 2541       | 264           | SUDARSAN GIRI          | 3242        | 01-08-2012           |
| 22                                  | 374       | 2498       | 16            | SUDARSAN GIRI          | 3242        | 01-08-2012           |
| 23                                  | 374       | 2507       | 1             | SUDARSAN GIRI          | 3242        | 01-08-2012           |

| SL No. | KHATA NO. | KHESRA NO. | AREA (Dismil) | NAME OF DONOR / SELLER                  | DEED NUMBER | DATE OF REGISTRATION |
|--------|-----------|------------|---------------|-----------------------------------------|-------------|----------------------|
| 24     | 372       | 2499       | 12            | SUDARSAN GIRI                           | 3242        | 01-08-2012           |
| 25     | 373       | 2497       | 16            | SUDARSAN GIRI                           | 3242        | 01-08-2012           |
| 26     | 370       | 2500       | 11            | SUDARSAN GIRI                           | 3242        | 01-08-2012           |
| 27     | 370       | 2504       | 2             | SUDARSAN GIRI                           | 3242        | 01-08-2012           |
| 28     | 369       | 2501       | 17            | SUDARSAN GIRI                           | 3242        | 01-08-2012           |
| 29     | 369       | 2502       | 17            | SUDARSAN GIRI                           | 3242        | 01-08-2012           |
| 30     | 369       | 2503       | 2             | SUDARSAN GIRI                           | 3242        | 01-08-2012           |
| 31     | 373       | 2505       | 1             | SUDARSAN GIRI                           | 3242        | 01-08-2012           |
| 32     | 372       | 2506       | 1             | SUDARSAN GIRI                           | 3242        | 01-08-2012           |
| 33     | 372       | 2508       | 54            | SUDARSAN GIRI                           | 3242        | 01-08-2012           |
| 34     | 372       | 2509       | 12            | SUDARSAN GIRI                           | 3242        | 01-08-2012           |
| 35     | 376       | 2529       | 17            | SUDARSAN GIRI                           | 3242        | 01-08-2012           |
| 36     | 224       | 1555       | 141           | BABAN SINGH / LALAN SINGH / MADAN SINGH | 3244        | 02-08-2012           |
| 37     | 67        | 2460       | 4.7           | LALAN SINGH / VIDYA SINGH               | 789         | 23-02-2013           |
| 38     | 67        | 2465       | 9.4           | LALAN SINGH / VIDYA SINGH               | 789         | 23-02-2013           |
| 39     | 245       | 1567       | 26            | LALAN SINGH / VIDYA SINGH               | 789         | 23-02-2013           |
| 40     | 161       | 1572       | 9.4           | LALAN SINGH / VIDYA SINGH               | 789         | 23-02-2013           |
| 41     | 72        | 2538       | 9             | JANKI KCUWAR                            | 3611        | 31-08-2012           |
| 42     | 350       | 2470       | 10            | JANKI KCUWAR                            | 3611        | 31-08-2012           |
| 43     | 352       | 2473       | 22            | JANKI KCUWAR                            | 3611        | 31-08-2012           |
| 44     | 220       | 1516       | 47            | AJIT KUMAR SINGH                        | 3089        | 31-07-2018           |
| 45     | 159       | 1552       | 109.4         | ASHIF JAFAR KHAN                        | 796         | 23-02-2013           |
| 46     | 159       | 1550       | 1.645         | ASHIF JAFAR KHAN                        | 796         | 23-02-2013           |
| 47     | 159       | 1551       | 15.235        | ASHIF JAFAR KHAN                        | 796         | 23-02-2013           |
| 48     | 159       | 1547       | 5             | ASHIF JAFAR KHAN                        | 796         | 23-02-2013           |
| 49     | 159       | 2553/2554  | 13.635        | ASHIF JAFAR KHAN                        | 796         | 23-02-2013           |
| 50     | 159       | 1553       | 31            | JAINUL HAQUE KHAN                       | 4157        | 11-09-2013           |

| SL No. | KHATA NO. | KHESRA NO. | AREA (Dismil) | NAME OF DONOR / SELLER    | DEED NUMBER | DATE OF REGISTRATION |
|--------|-----------|------------|---------------|---------------------------|-------------|----------------------|
| 51     | 159       | 1554       | 88            | JAINUL HAQUE KHAN         | 4157        | 11-09-2013           |
| 52     | 159       | 1547       | 21.62         | JAINUL HAQUE KHAN         | 4157        | 11-09-2013           |
| 53     | 229       | 1514       | 42.47         | RAJENDARA SINGH           | 2491        | 22-06-2016           |
| 54     | 229       | 1515       | 51.7          | RAJENDARA SINGH           | 2491        | 22-06-2016           |
| 55     | 144       | 1543       | 2.35          | HANUMAN SINGH             | 793         | 23-02-2013           |
| 56     | 87        | 2535       | 9.4           | SURENDAR SINGH            | 1652        | 08-04-2015           |
| 57     | 134       | 1542       | 47.235        | MADAN SINGH               | 792         | 23-02-2013           |
| 58     | 334       | 2538       | 2.35          | MADAN SINGH               | 792         | 23-02-2013           |
| 59     | 219       | 1530       | 27.495        | PRAMOD SINGH              | 5283        | 18-11-2014           |
| 60     | 350       | 2470       | 23            | JANKI KUWAR               | 3610        | 31-08-2012           |
| 61     | 220       | 1520       | 9.4           | RAJU SINGH                | 3758        | 16-08-2013           |
| 62     | 144       | 1543       | 2.35          | RAM EKBAL SINGH           | 1674        | 02-04-2014           |
| 63     | 144       | 1543       | 19            | RAM EKBAL SINGH           | 1675        | 02-04-2014           |
| 64     | 144       | 1543       | 14.1          | NAGINA SINGH              | 794         | 23-02-2013           |
| 65     | 245       | 1517       | 8             | SUSHILA DEVI              | 3613        | 31-08-2012           |
| 66     | 245       | 1527       | 20.2          | SUSHILA DEVI              | 3613        | 31-08-2012           |
| 67     | 239       | 1535       | 24            | AWADH KISHOR SINGH        | 3615        | 31-08-2012           |
| 68     | 260       | 1533       | 2.5           | AWADH KISHOR SINGH        | 3615        | 31-08-2012           |
| 69     | 342       | 2464       | 19.235        | RAMSAWARUP SAH            | 786         | 23-02-2013           |
| 70     | 72        | 2566       | 5             | VINOD SINGH               | 1673        | 02-04-2014           |
| 71     | 245       | 1517       | 4.113         | SUSHILA DEVI              | 3612        | 31-08-2012           |
| 72     | 67        | 2466       | 7             | LALAN SINGH / VIDYA SINGH | 788         | 23-02-2013           |
| 73     | 144       | 1543       | 4.7           | HANUMAN SINGH             | 787         | 23-02-2013           |
| 74     | 240       | 1538       | 9.4           | RAMESHWAR SINGH           | 5280        | 18-11-2014           |
| 75     | 86        | 2545       | 6.227         | RAMRIT BHAGAT             | 5282        | 18-11-2014           |
| 76     | 86        | 2544       | 7             | RAMRIT BHAGAT             | 5282        | 18-11-2014           |
| 77     | 351       | 2466       | 10.81         | RAMRIT BHAGAT             | 5282        | 18-11-2014           |
| 78     | 285       | 1503       | 55.47         | SANJAY RANA               | 2512        | 23-06-2016           |
| 79     | 265       | 1544       | 44.43         | AWADH KISHOR SINGH        | 1671        | 02-04-2014           |

| SL No. | KHATA NO. | KHESRA NO. | AREA (Dismil) | NAME OF DONOR / SELLER                | DEED NUMBER | DATE OF REGISTRATION |
|--------|-----------|------------|---------------|---------------------------------------|-------------|----------------------|
| 80     | 220       | 1516       | 47            | AJIT KUMAR SINGH                      | 3089        | 31-07-2018           |
| 81     | 134       | 1564       | 42.3          | PRABHU NARAYAN SINGH                  | 3981        | 30-12-2020           |
| 82     | 134       | 1565       | 56.4          | PRABHU NARAYAN SINGH                  | 3981        | 30-12-2020           |
| 83     | 134       | 1565       | 49.35         | PRABHU NARAYAN SINGH                  | 3983        | 30-12-2020           |
| 84     | 240       | 1566       | 51.7          | PRABHU NARAYAN SINGH                  | 3983        | 30-12-2020           |
| 85     | 224       | 1556       | 57            | LALAN SINGH/HARIHAR SINGH             | 3289        | 10-07-2013           |
| 86     | 351       | 2460       | 3.5           | BABAN PD SINGH VINOD SINGH            | 3287        | 10-07-2013           |
| 87     | 86        | 2544/2545  | 6             | BABAN PD SINGH VINOD SINGH            | 3287        | 10-07-2013           |
| 88     | 351       | 2465       | 10            | BABAN PD SINGH VINOD SINGH            | 3287        | 10-07-2013           |
| 89     | 342       | 2464       | 11            | BABAN PD SINGH VINOD SINGH            | 3287        | 10-07-2013           |
| 90     | 245       | 1567       | 19            | BABAN PD SINGH VINOD SINGH            | 3287        | 10-07-2013           |
| 91     | 86        | 2545       | 7             | BABAN PD SINGH VINOD SINGH            | 3287        | 10-07-2013           |
| 92     | 351       | 2469       | 6             | BABAN PD SINGH VINOD SINGH            | 3287        | 10-07-2013           |
| 93     | 351       | 2460       | 9             | BABAN PD SINGH VINOD SINGH            | 3287        | 10-07-2013           |
| 94     | 351       | 2465       | 2.5           | BABAN PD SINGH VINOD SINGH            | 3287        | 10-07-2013           |
| 95     | 351       | 2469       | 11            | BABAN PD SINGH VINOD SINGH            | 3287        | 10-07-2013           |
| 96     | 245       | 1567       | 19            | BABAN PD SINGH VINOD SINGH            | 3287        | 10-07-2013           |
| 97     | 86        | 2468       | 21            | BABAN PD SINGH VINOD SINGH            | 3287        | 10-07-2013           |
| 98     | 240       | 1528       | 28.235        | RAMESHWAR SINGH/RAMUCHIT SINGH        | 5285        | 18-11-2014           |
| 99     | 240       | 1522       | 2             | RAMESHWAR SINGH/RAMUCHIT SINGH        | 5285        | 18-11-2014           |
| 100    | 240       | 1519       | 12.235        | RAMESHWAR SINGH/RAMUCHIT SINGH        | 5285        | 18-11-2014           |
| 101    | 240       | 1538       | 16.45         | RAMESHWAR SINGH/RAMUCHIT SINGH        | 5285        | 18-11-2014           |
| 102    | 240       | 1537       | 8             | RAMESHWAR SINGH/RAMUCHIT SINGH        | 5285        | 18-11-2014           |
| 103    | 240       | 1540       | 21.47         | RAMESHWAR SINGH/RAMUCHIT SINGH        | 5285        | 18-11-2014           |
| 104    | 240       | 1544       | 18.235        | RAMESHWAR SINGH/RAMUCHIT SINGH        | 5285        | 18-11-2014           |
| 105    | 240       | 1544       | 24            | RAMESHWAR SINGH/RAMUCHIT SINGH        | 5285        | 18-11-2014           |
| 106    | 224       | 1555       | 121           | BABAN PD SINGH LALAN SINGH MADAN SING | 3291        | 10-07-2013           |
| 107    | 224       | 1556       | 116.5         | BABAN PD SINGH LALAN SINGH MADAN SING | 3291        | 10-07-2013           |
| 108    | 224       | 1562       | 66            | BABAN PD SINGH LALAN SINGH MADAN SING | 3291        | 10-07-2013           |
| 109    | 203       | 1561       | 30            | BABAN PD SINGH LALAN SINGH MADAN SING | 3291        | 10-07-2013           |

| SL No. | KHATA NO. | KHESRA NO. | AREA (Dismil) | NAME OF DONOR / SELLER                | DEED NUMBER | DATE OF REGISTRATION |
|--------|-----------|------------|---------------|---------------------------------------|-------------|----------------------|
| 110    | 155       | 1563       | 43            | BABAN PD SINGH LALAN SINGH MADAN SING | 3291        | 10-07-2013           |
| 111    | 75        | 2557       | 33            | BABAN PD SINGH LALAN SINGH MADAN SING | 3291        | 10-07-2013           |
| 112    | 75        | 2558       | 14            | BABAN PD SINGH LALAN SINGH MADAN SING | 3291        | 10-07-2013           |
| 113    | 75        | 2559       | 21            | BABAN PD SINGH LALAN SINGH MADAN SING | 3291        | 10-07-2013           |
| 114    | 75        | 2560       | 44            | BABAN PD SINGH LALAN SINGH MADAN SING | 3291        | 10-07-2013           |
| 115    | 75        | 2561       | 6             | BABAN PD SINGH LALAN SINGH MADAN SING | 3291        | 10-07-2013           |
| 116    | 75        | 2562       | 18            | BABAN PD SINGH LALAN SINGH MADAN SING | 3291        | 10-07-2013           |
| 117    | 75        | 2563       | 57            | BABAN PD SINGH LALAN SINGH MADAN SING | 3291        | 10-07-2013           |
| 118    | 75        | 2564       | 26            | BABAN PD SINGH LALAN SINGH MADAN SING | 3291        | 10-07-2013           |
| 119    | 75        | 2519       | 13            | BABAN PD SINGH LALAN SINGH MADAN SING | 3291        | 10-07-2013           |
| 120    | 75        | 2520       | 27            | BABAN PD SINGH LALAN SINGH MADAN SING | 3291        | 10-07-2013           |
| 121    | 75        | 2522       | 18            | BABAN PD SINGH LALAN SINGH MADAN SING | 3291        | 10-07-2013           |
| 122    | 75        | 2539       | 36            | BABAN PD SINGH LALAN SINGH MADAN SING | 3291        | 10-07-2013           |
| 123    | 75        | 2546       | 16            | BABAN PD SINGH LALAN SINGH MADAN SING | 3291        | 10-07-2013           |
| 124    | 75        | 2547       | 18            | BABAN PD SINGH LALAN SINGH MADAN SING | 3291        | 10-07-2013           |
| 125    | 75        | 2548       | 10            | BABAN PD SINGH LALAN SINGH MADAN SING | 3291        | 10-07-2013           |
| 126    | 75        | 2549       | 7             | BABAN PD SINGH LALAN SINGH MADAN SING | 3291        | 10-07-2013           |
| 127    | 75        | 2550       | 36            | BABAN PD SINGH LALAN SINGH MADAN SING | 3291        | 10-07-2013           |
| 128    | 75        | 2551       | 27            | BABAN PD SINGH LALAN SINGH MADAN SING | 3291        | 10-07-2013           |
| 129    | 75        | 2552       | 22            | BABAN PD SINGH LALAN SINGH MADAN SING | 3291        | 10-07-2013           |

4893.845 SP

## **ANNEXURE IV**

### **Khasra Plan**



**ANNEXURE V**  
**Site Plan**

## AREA STATEMENT

|                                  |                |                 |              |
|----------------------------------|----------------|-----------------|--------------|
| TOTAL PLOT AREA AS/ DEED         | =25,73,749 SFT | 2,39,196.04 SQM | 5903.095 DEC |
| TOTAL PLOT AREA AS/ DRAWING      | =25,73,749 SFT | 2,39,196 SQM    | 5903.095 DEC |
| GROUND FLOOR B/U AREA            | = 1,53,231 SFT | 14,240.79 SQM   |              |
| FIRST FLOOR B/U AREA             | = 1,20,823 SFT | 11,228.90 SQM   |              |
| SECOND FLOOR B/U AREA            | = 1,08,675 SFT | 10,099.90 SQM   |              |
| TOTAL B/U AREA OF MAIN STRUCTURE | = 3,82,729 SFT | 35,569.59 SQM   |              |

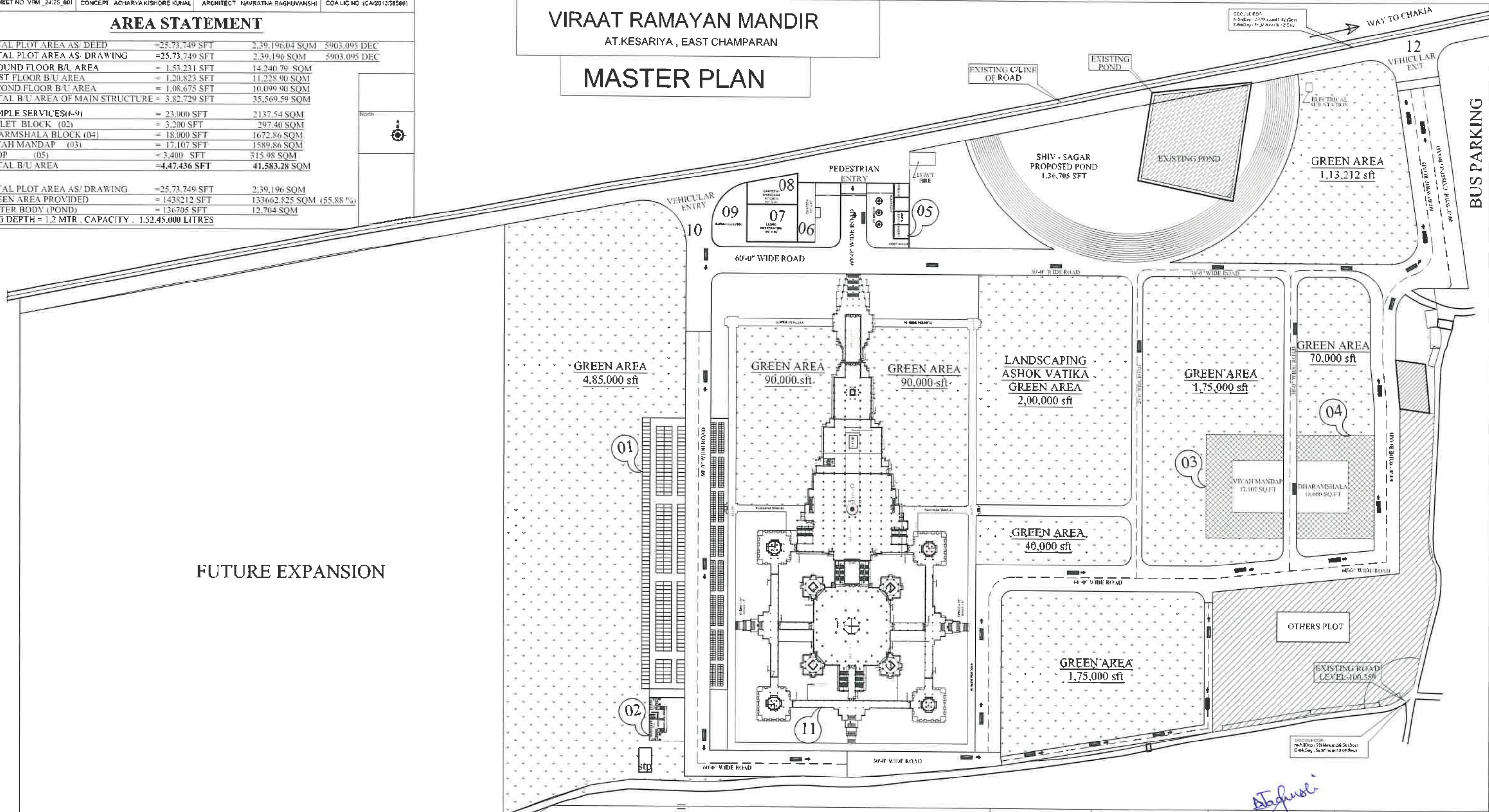
|                       |               |               |
|-----------------------|---------------|---------------|
| TEMPLE SERVICES(6-9)  | = 23,000 SFT  | 2137.54 SQM   |
| TOILET BLOCK (02)     | = 3,200 SFT   | 297.40 SQM    |
| DHARMSHALA BLOCK (04) | = 18,000 SFT  | 1672.86 SQM   |
| VIVAH MANDAP (03)     | = 17,107 SFT  | 1589.86 SQM   |
| SHOP (05)             | = 3,400 SFT   | 315.98 SQM    |
| TOTAL B/U AREA        | =4,47,436 SFT | 41,583.28 SQM |

|                                                    |                |                          |
|----------------------------------------------------|----------------|--------------------------|
| TOTAL PLOT AREA AS/ DRAWING                        | =25,73,749 SFT | 2,39,196 SQM             |
| GREEN AREA PROVIDED                                | = 1438212 SFT  | 133662.825 SQM (55.88 %) |
| WATER BODY (POND)                                  | = 136705 SFT   | 12,704 SQM               |
| AVG DEPTH = 1.2 MTR. CAPACITY : 1,52,45,000 LITRES |                |                          |

## VIRAAT RAMAYAN MANDIR

AT.KESARIYA , EAST CHAMPARAN

## MASTER PLAN



FUTURE EXPANSION

## PROJECT DESCRIPTION

PROPOSED VIRAAT RAMAYANA MANDIR AT  
MAUZA : BAHUARA HARBANS, KAITHWALIA, SISWA NARSINGH, BLOCK: KESARIA,  
DISTRICT EAST CHAMPARAN,  
THANA NO : 192, KHATA NO : 14  
PLOT # 1105,1107,1108, 1119,1118, 1117  
THANA NO 193 , KHATA NO : 2, 3,6, 7, 8, 11  
PLOT # 489,490, 439,473,474, 476,463, 442, 464,  
THANA NO 191, KHATA NO : 66, 67,72, 75, 86, 87, 134, 144, 155, 159, 161, 203, 219, 220, 224, 229,  
239, 240, 245, 260,265, 285, 334, 341, 342, 350, 351, 352, 368, 369, 370, 372, 373, 374, 375, 376  
PLOT # : 1503, 1514, 1515, 1516, 1517, 1519, 1520, 1522, 1527, 1528, 1530, 1533, 1535,1537, 1538,  
1540, 1542, 1543, 1544, 1547, 1550, 1551, 1552, 1553, 1554, 1555, 1556, 1561, 1562, 1563, 1564, 1567, 1572,  
2460, 2464, 2465, 2466, 2468, 2469, 2476,2483, 2484, 2489, 2479, 2477, 2470, 2473, 2478, 2482, 2488,  
2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506,  
2507, 2508, 2509,2510, 2519, 2520, 2522, 2529, 2530, 2531, 2532, 2535, 2538, 2539, 2541, 2544, 2545,  
2546, 2547, 2548, 2549, 2550, 2551, 2552,2553, 2554, 2566, 2557, 2558, 2559, 2560, 2561, 2562, 2563,  
2564,2914.

## LEGEND

| S.NO | DESCRIPTION  | S.NO | DESCRIPTION                       |
|------|--------------|------|-----------------------------------|
| 01   | PARKING      | 07   | LADDO PREPARATION                 |
| 02   | TOILET BLOCK | 08   | CENTRAL KITCHEN                   |
| 03   | VIVAH MANDAP | 09   | RAMAYAN RASOI                     |
| 04   | DHARMSHALA   | 10   | MAIN VEHICULAR ENTRANCE           |
| 05   | SHOPS        | 11   | OFFICES/ CENTRALISED CONTROL ROOM |
| 06   | CANTEEN      | 12   | VEHICULAR EXIT                    |

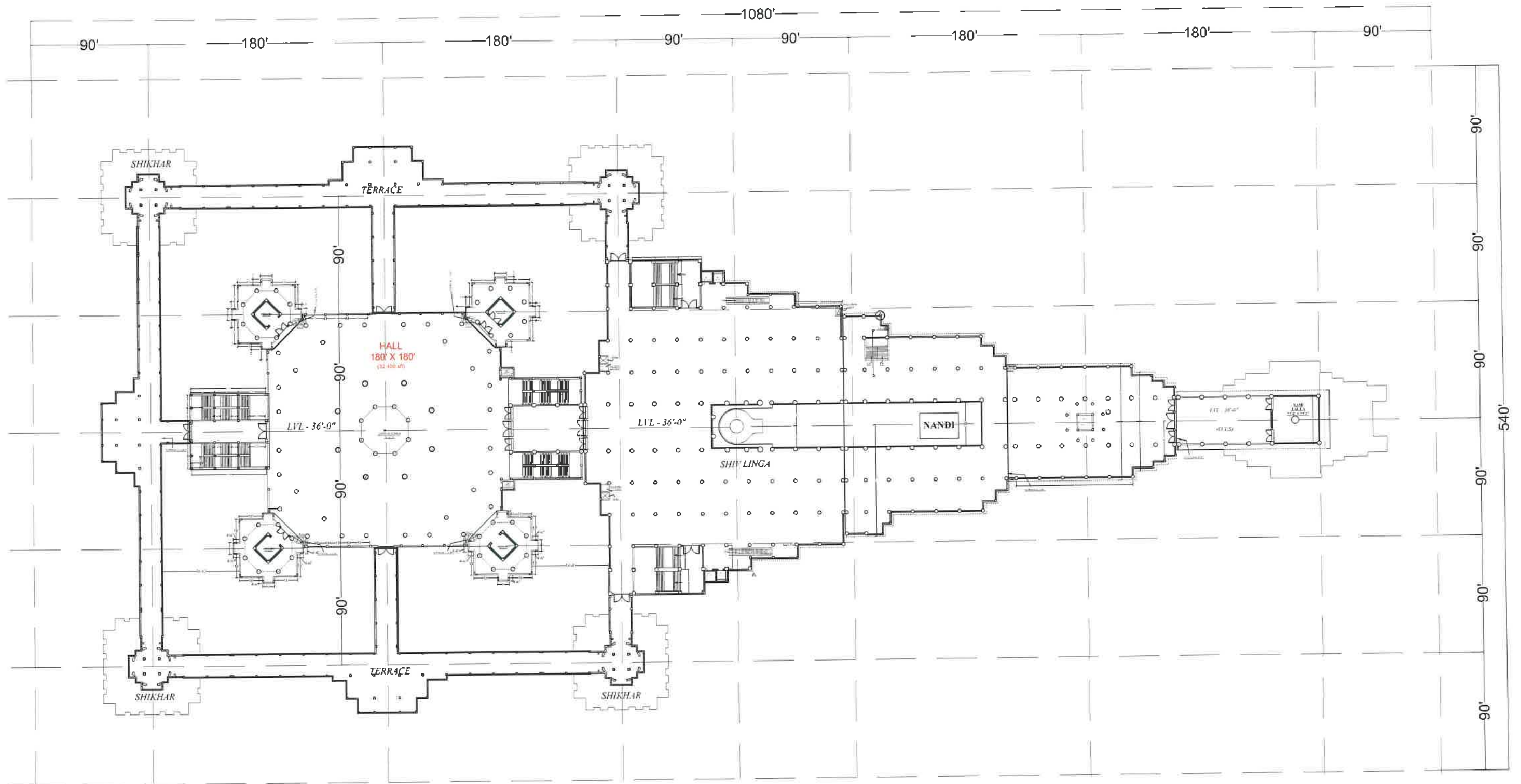
VIRAAT RAMAYAN MANDIR

AT.KESARIYA , EAST CHAMPARAN

EXISTING ROAD  
LEVEL-100.285

## **ANNEXURE VI**

### **Floor Plan**



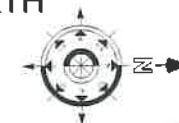
*Taghuti*

DWG TITLE :-

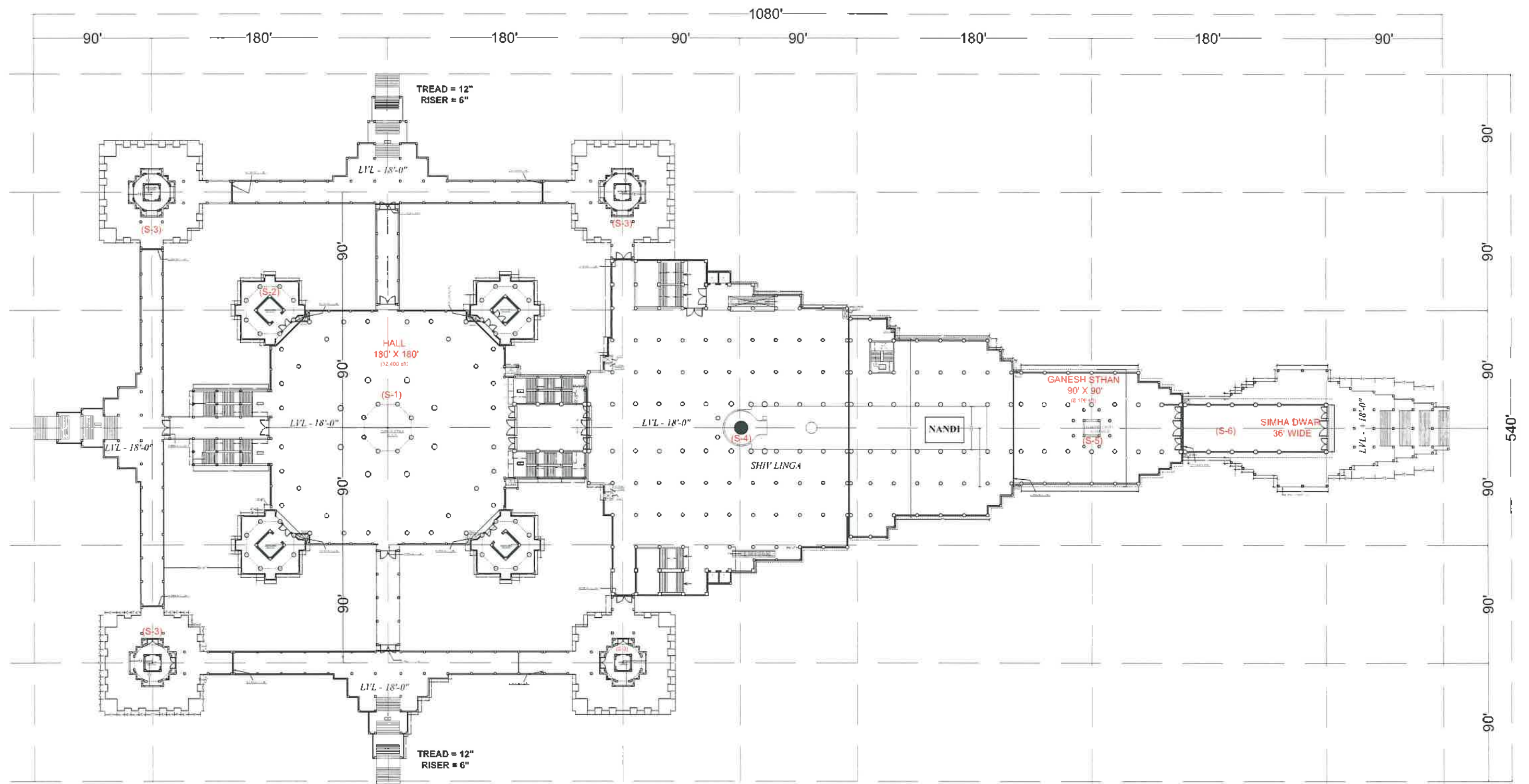
**FIRST FLOOR PLAN  
AT 36'-0" HT**

**VIRAAT RAMAYAN  
MANDIR**

NORTH



CONCEPT OF **KISHORE KUNAL**  
DESIGNED UNDER HIS SUPERVISION  
BY AR. NAVRATNA RAGHUVANSHI



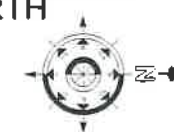
*Agarwal*

DWG TITLE :-

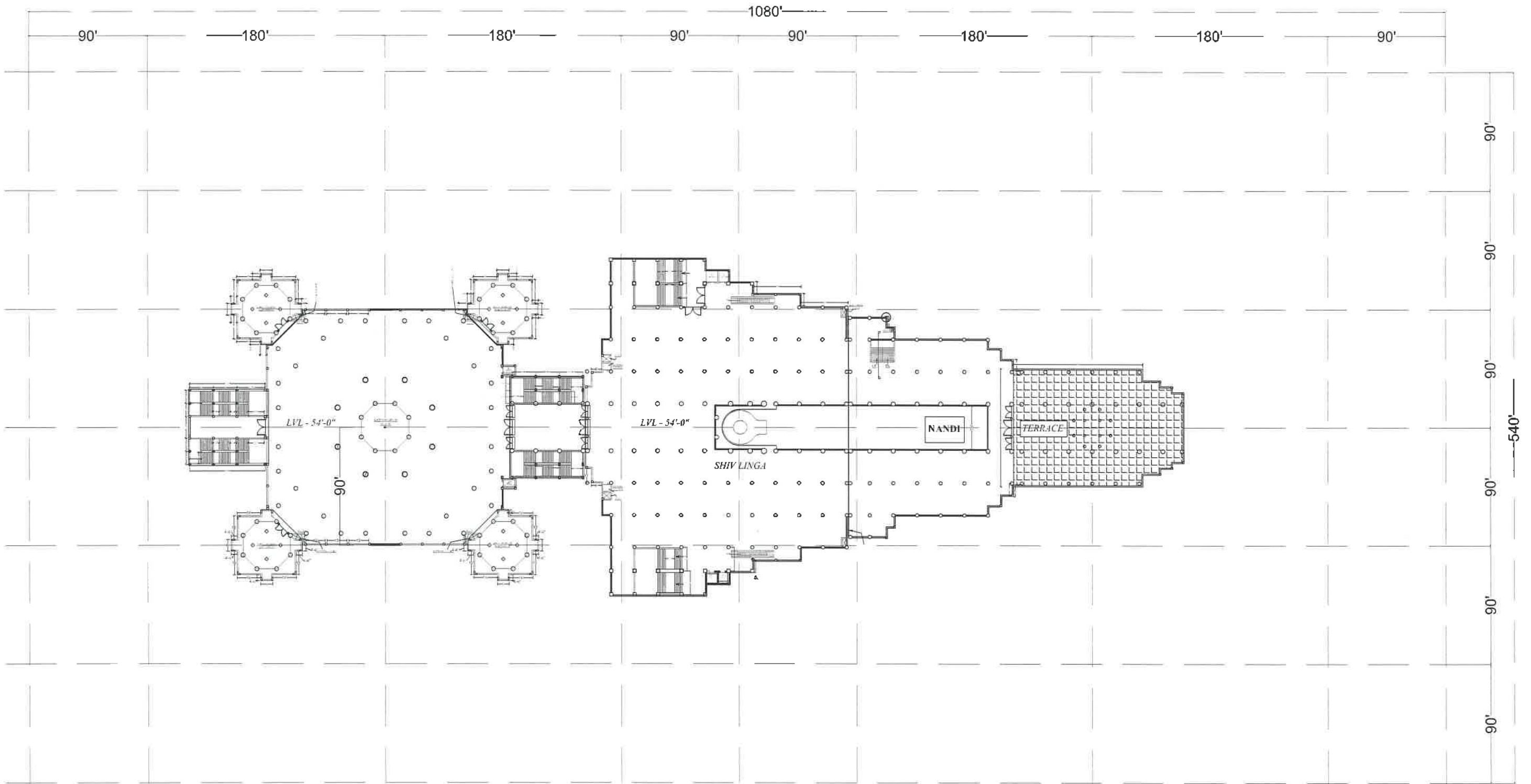
**GROUND FLOOR PLAN  
AT +18' LVL**

**VIRAAT RAMAYAN  
MANDIR**

NORTH



CONCEPT OF KISHORE KUNAL  
DESIGNED UNDER HIS SUPERVISION  
BY AR. NAVRATNA RAGHUVANSHI



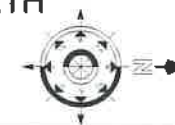
*Abhishek*

DWG TITLE :-

**SECOND FLOOR PLAN  
AT 54'-0" HT**

**VIRAAT RAMAYAN  
MANDIR**

NORTH



CONCEPT OF KISHORE KUNAL  
DESIGNED UNDER HIS SUPERVISION  
BY AR. NAVRATNA RAGHUVANSHI

**ANNEXURE VII**  
**Parking Plan**

VIRAAT RAMAYAN MANDIR

AT.KESARIYA , EAST CHAMPARAN

## PARKING PLAN

TOTAL BUILT - UP AREA AS/ DRAWING AS/ DRAWING=2,40,855 SFT 22,384 SQM

PARKING AREA REQUIRED = 84300 SFT 7834.57 SQM (35 %)

PARKING AREA PROVIDED = 2,06,583 SFT 19,199 SQM (85.77%)

515 CARS

155 CARS

20' WIDE ROAD

36 CARS

20' WIDE ROAD

36 CARS

20' WIDE ROAD

36 CARS

20' WIDE ROAD

36 CARS

14' WIDE ROAD

36 CARS

14' WIDE ROAD

36 CARS

14' WIDE ROAD

36 CARS

14' WIDE ROAD

36 CARS

14' WIDE ROAD

18 CARS

14' WIDE ROAD

18 CARS

14' WIDE ROAD

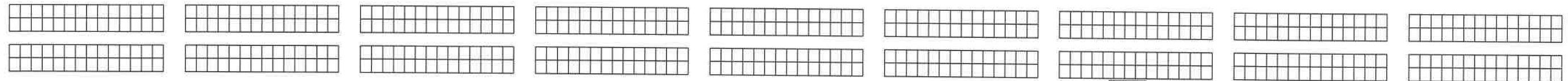
18 CARS

14' WIDE ROAD

18 CARS



60'-0" WIDE ROAD



*Taghori*

504  
2 wheeler

**ANNEXURE VIII**  
**Circulation Plan**

### AREA STATEMENT

|                                                    |                |                          |              |
|----------------------------------------------------|----------------|--------------------------|--------------|
| TOTAL PLOT AREA AS DEED                            | =25,73,749 SFT | 2,39,196.04 SQM          | 5903.095 DEC |
| TOTAL PLOT AREA AS DRAWING                         | =25,73,749 SFT | 2,39,196 SQM             | 5903.095 DEC |
| GROUND FLOOR B/U AREA                              | = 1,53,231 SFT | 14,240.79 SQM            |              |
| FIRST FLOOR B/U AREA                               | = 1,20,823 SFT | 11,228.90 SQM            |              |
| SECOND FLOOR B/U AREA                              | = 1,08,675 SFT | 10,099.90 SQM            |              |
| TOTAL B/U AREA OF MAIN STRUCTURE                   | = 3,82,729 SFT | 35,569.59 SQM            |              |
| TEMPLE SERVICES(6-9)                               | = 23,000 SFT   | 2137.54 SQM              |              |
| TOILET BLOCK (02)                                  | = 3,200 SFT    | 297.40 SQM               |              |
| DHARMSHALA BLOCK (04)                              | = 18,000 SFT   | 1672.86 SQM              |              |
| VIVAH MANDAP (03)                                  | = 17,107 SFT   | 1589.86 SQM              |              |
| SHOP (05)                                          | = 3,400 SFT    | 315.98 SQM               |              |
| TOTAL B/U AREA                                     | =4,47,436 SFT  | 41,583.28 SQM            |              |
| TOTAL PLOT AREA AS DRAWING                         | =25,73,749 SFT | 2,39,196 SQM             |              |
| GREEN AREA PROVIDED                                | = 1438212 SFT  | 133662.825 SQM (55.88 %) |              |
| WATER BODY (POND)                                  | = 136705 SFT   | 12,704 SQM               |              |
| AVG DEPTH = 1.2 MTR. CAPACITY : 1,52,45,000 LITRES |                |                          |              |

## VIRAAT RAMAYAN MANDIR

AT.KESARIYA , EAST CHAMPARAN

### CIRCULATION PLAN

FUTURE EXPANSION

GREEN AREA  
4,85,000 sft

GREEN AREA  
90,000 sft

GREEN AREA  
90,000 sft

LANDSCAPING  
ASHOK VATIKA  
GREEN AREA  
2,00,000 sft

GREEN AREA  
1,75,000 sft

GREEN AREA  
70,000 sft

GREEN AREA  
1,75,000 sft

GREEN AREA  
1,13,212 sft

**PROPOSED VIRAAT RAMAYANA MANDIR AT**  
MAUZA : BAHUARA HARBANS, KAITHWALIA, SISWA NARSINGH, BLOCK: KESARIA,  
DISTRICT EAST CHAMPARAN  
THANA NO : 192, KHATA NO : 14  
PLOT # 1105,1107,1108, 1119,1118, 1117  
THANA NO 193 , KHATA NO : 2, 3, 6, 7, 8, 11  
PLOT # 489,490, 439,473,474, 476,463, 442, 464,  
THANA NO 191, KHATA NO : 66, 67,72, 75, 86, 87, 134, 144, 155, 159, 161, 203, 219, 220, 224, 229,  
239, 240, 245, 260,265, 285, 334, 341, 342, 350,351, 352, 368, 369, 370, 372, 373, 374, 375, 376  
PLOT # : 1503, 1514, 1515, 1516, 1517, 1519, 1520, 1522, 1527, 1528, 1530, 1533, 1535,1537, 1538,  
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2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2566, 2557, 2558, 2559, 2560, 2561, 2562, 2563,  
2564,2914,

### PROJECT DESCRIPTION

### LEGEND

| S.NO | DESCRIPTION  | S.NO | DESCRIPTION                       |
|------|--------------|------|-----------------------------------|
| 01   | PARKING      | 07   | LADDO PREPARATION                 |
| 02   | TOILET BLOCK | 08   | CENTRAL KITCHEN                   |
| 03   | VIVAH MANDAP | 09   | RAMAYAN RASOI                     |
| 04   | DHARMSHALA   | 10   | MAIN VEHICULAR ENTRANCE           |
| 05   | SHOPS        | 11   | OFFICES/ CENTRALISED CONTROL ROOM |
| 06   | CANTEEN      | 12   | VEHICULAR EXIT                    |

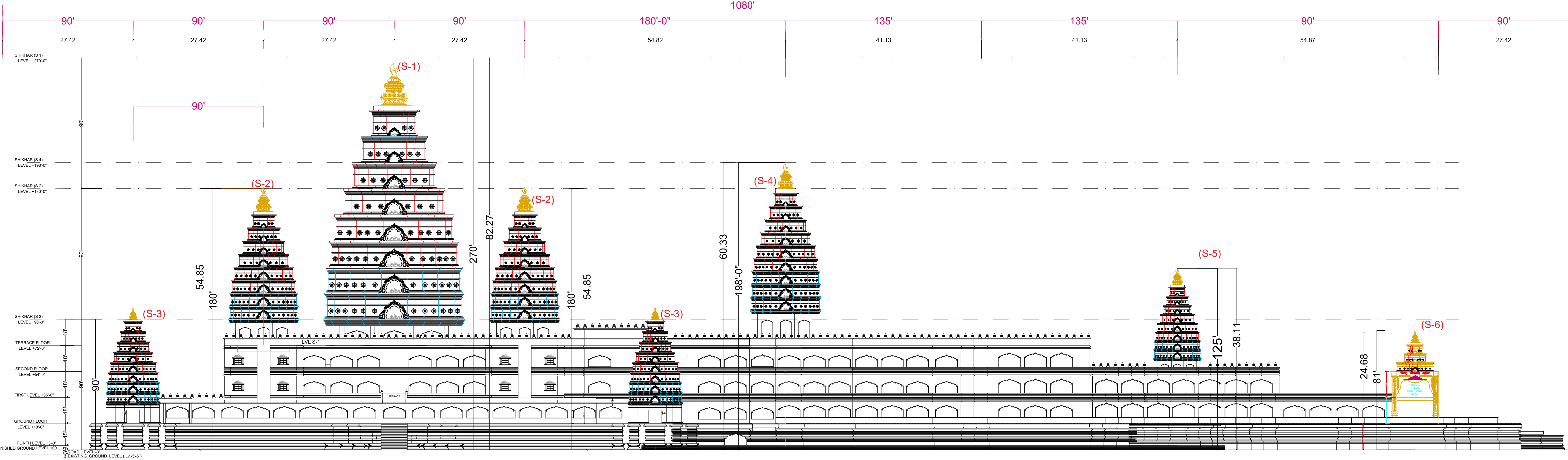
VIRAAT RAMAYAN MANDIR

AT.KESARIYA , EAST CHAMPARAN

EXISTING ROAD  
LEVEL-100.285

Agghust

**ANNEXURE IX**  
**Elevation Plan**



## SIDE ELEVATION

# VIRAAT RAMAYAN MANDIR

CONCEPT OF **KISHORE KUNAL**  
DESIGNED UNDER HIS SUPERVISION  
BY **AR. NAVRATNA RAGHUVANSHI**

**ANNEXURE X**  
**Landscape Plan**

AREA STATEMENT

|                                  |                |                 |              |
|----------------------------------|----------------|-----------------|--------------|
| TOTAL PLOT AREA AS/ DEED         | =25,73,749 SFT | 2,39,196.04 SQM | 5903.095 DEC |
| TOTAL PLOT AREA AS/ DRAWING      | =25,73,749 SFT | 2,39,196 SQM    | 5903.095 DEC |
| GROUND FLOOR B/U AREA            | = 1,53,231 SFT | 14,240.79 SQM   |              |
| FIRST FLOOR B/U AREA             | = 1,20,823 SFT | 11,228.90 SQM   |              |
| SECOND FLOOR B/U AREA            | = 1,08,675 SFT | 10,099.90 SQM   |              |
| TOTAL B/U AREA OF MAIN STRUCTURE | = 3,82,729 SFT | 35,569.59 SQM   |              |

|                       |               |               |  |
|-----------------------|---------------|---------------|--|
| TEMPLE SERVICES(6-9)  | = 23,000 SFT  | 2137.54 SQM   |  |
| TOILET BLOCK (02)     | = 3,200 SFT   | 297.40 SQM    |  |
| DHARMSHALA BLOCK (04) | = 18,000 SFT  | 1672.86 SQM   |  |
| VIVAH MANDAP (03)     | = 17,107 SFT  | 1589.86 SQM   |  |
| SHOP (05)             | = 3,400 SFT   | 315.98 SQM    |  |
| TOTAL B/U AREA        | =4,47,436 SFT | 41,583.28 SQM |  |

|                                                     |                |                          |  |
|-----------------------------------------------------|----------------|--------------------------|--|
| TOTAL PLOT AREA AS/ DRAWING                         | =25,73,749 SFT | 2,39,196 SQM             |  |
| GREEN AREA PROVIDED                                 | = 1438212 SFT  | 133662.825 SQM (55.88 %) |  |
| WATER BODY (POND)                                   | = 136705 SFT   | 12,704 SQM               |  |
| AVG DEPTH = 1.2 MTR , CAPACITY : 1,52,45,000 LITRES |                |                          |  |

VIRAAT RAMAYAN MANDIR

AT.KESARIYA , EAST CHAMPARAN

LANDSCAPE PLAN

FUTURE EXPANSION

PROJECT DESCRIPTION

PROPOSED VIRAAT RAMAYANA MANDIR AT MAUZA : BAHUARA HARBANS, KAITHWALIA, SISWA NARSINGH, BLOCK: KESARIA, DISTRICT EAST CHAMPARAN.  
THANA NO : 192, KHATA NO : 14  
PLOT # 1105,1107,1108, 1119,1118,1117  
THANA NO 193 , KHATA NO : 2, 3,6, 7, 8, 11  
PLOT # 489,490, 439,473,474, 476,463, 442, 464,  
THANA NO 191, KHATA NO: 66, 67,72, 75, 86, 87, 134, 144, 155, 159, 161, 203, 219, 220, 224, 229, 239, 240, 245, 260,265, 285 334, 341, 342, 350, 351, 352, 368, 369, 370, 372, 373, 374, 375, 376  
PLOT # : 1503, 1514, 1515, 1516, 1517, 1519, 1520, 1522, 1527, 1528, 1530, 1533, 1535,1537, 1538, 1540, 1542, 1543, 1544, 1547, 1550, 1551, 1552, 1553, 1554, 1555, 1556, 1561, 1562, 1563, 1564, 1567, 1572, 2460, 2464, 2465, 2466, 2468, 2469, 2476,2483, 2484, 2489, 2479, 2477, 2470, 2473, 2478, 2482, 2488, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509,2510, 2519, 2520, 2522, 2529, 2530, 2531, 2532, 2535, 2538, 2539, 2541, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552 2553, 2554, 2566, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564,2914.

VIRAAT RAMAYAN MANDIR

AT.KESARIYA , EAST CHAMPARAN

| LEGEND |              |      |                                   |
|--------|--------------|------|-----------------------------------|
| S.NO   | DESCRIPTION  | S.NO | DESCRIPTION                       |
| 01     | PARKING      | 07   | LADDO PREPARATION                 |
| 02     | TOILET BLOCK | 08   | CENTRAL KITCHEN                   |
| 03     | VIVAH MANDAP | 09   | RAMAYAN RASOI                     |
| 04     | DHARMSHALA   | 10   | MAIN VEHICULAR ENTRANCE           |
| 05     | SHOPS        | 11   | OFFICES/ CENTRALISED CONTROL ROOM |
| 06     | CANTEEN      | 12   | VEHICULAR EXIT                    |

**ANNEXURE XI**  
**Soil Investigation Report**

**Sub- Soil Investigations for C/O Virat Ramayan Mandir**  
**At Janki Nagar ,Kesharia Chakia Road , East Champaran ( Bihar )**

**RECOMMENDATIONS :**

The safe capacities of plane pile foundations at certain depths and sizes have been calculated using the relevant IS codes.

During piling bore – hole may collapse due to presence of sandy formation. This may be prevented by using bentonite slurry of adequate consistency. DMC method of piling will be preferable. Casting of piles must be done using trimie method.

**PLANE PILE FOUNDATION :**

| <b>Pile length<br/>below G.L<br/>(m)</b> | <b>Stem dia.<br/>(m)</b> | <b>Safe capacity of plane piles<br/>(tonnes)</b> |
|------------------------------------------|--------------------------|--------------------------------------------------|
| <b>25.0</b>                              | 0.60                     | 154.0                                            |
|                                          | 0.75                     | 207.0                                            |
| <b>30.0</b>                              | 0.60                     | 188.0                                            |
|                                          | 0.75                     | 251.0                                            |

**Note : Cut off length of 1.0 m has been considered.**

**Sub- Soil Investigations for C/O Virat Ramayan Mandir**  
**At Janki Nagar ,Kesharia Chakia Road , East Champaran ( Bihar )**

**Limitation :**

If a sub soil condition is met different from those reported here during piling, suitable steps should be taken. **A few pile must be load tested.**

**Ultratech Foundation Engineers Pvt. Ltd.**

( S.Prasad )

M.Sc Engg ( structures), MIE  
**Director**

**ANNEXURE XII**  
**Monitoring Report**



ETS-LAB



# ENVIRO-TECH SERVICES

An Analytical Laboratory



ISO 45001

(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063

## TEST REPORT

TEST REPORT NO : ETS/1245-1/06/2024

DATE OF REPORT: 20.06.2024

### AMBIENT AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/S SHRI MAHAVIR STHAN NYAS SAMITY  
"VIRAAT RAMAYAN MANDIR" AT MAUZA-BAHAUARA HARBANS,  
KAITHWALIA, SISWA NARSINGH, BLOCK-KESARIYA & KALYANPUR,  
DISTRICT-EAST CHAMPARAN, STATE-BIHAR

Date of Monitoring : 14.06.2024

Analysis Start Date : 17.06.2024

Analysis End Date : 20.06.2024

Duration Of Monitoring : 14.06.2024 To 15.06.2024

Time Of Monitoring : 10:40 AM To 10:40 AM

Sample ID No : 1245-1

Sampling Done By : ETS STAFF

Sampling Location : AAQ-1 AT PROJECT SITE

Sampling Method : ETS/STP/AIR-01

Sampling Machine Placed At Height : 1.5 METER FROM GROUND LEVEL

Weather Condition : CLEAR Ambient Temperature: 34.0 °C

Wind Direction : E To W

Equipment Used : Respirable Dust Sampler (PM<sub>10</sub>) + Fine Particulate Sampler (PM<sub>2.5</sub>)

| S. No. | Test Parameter                           | Unit              | Result | Specification/Limit (As per CPCB) | Test Method       |
|--------|------------------------------------------|-------------------|--------|-----------------------------------|-------------------|
| 1      | Particulate Matters,(PM <sub>10</sub> )  | µg/m <sup>3</sup> | 76.2   | For 24 Hrs.=100                   | IS 5182 (Part-23) |
| 2      | Particulate Matters,(PM <sub>2.5</sub> ) | µg/m <sup>3</sup> | 48.6   | For 24 Hrs.=60                    | ETS/STP/AIR-03    |
| 3      | Sulphur Dioxide, (SO <sub>2</sub> )      | µg/m <sup>3</sup> | 12.4   | For 24 Hrs.=80                    | IS: 5182 (Part-2) |
| 4      | Nitrogen Dioxide,(NO <sub>2</sub> )      | µg/m <sup>3</sup> | 32.1   | For 24 Hrs.=80                    | IS: 5182 (Part-6) |

\*\*\*\*\*End of Test Report\*\*\*\*\*

CHECKED BY  
SHRADDHA GUPTA

For Enviro-Tech Services  
AUTHORIZED SIGNATORY  
Rishika Mittal  
Lab In-charge

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note:-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



## TEST REPORT

TEST REPORT NO : ETS/1245-2/06/2024

DATE OF REPORT: 20.06.2024

### NOISE MONITORING REPORT

Name And Address of Customer : M/S SHRI MAHAVIR STHAN NYAS SAMITY  
"VIRAAT RAMAYAN MANDIR" AT MAUZA-BAHAUARA HARBANS,  
KAITHWALIA, SISWA NARSINGH, BLOCK-KESARIYA & KALYANPUR,  
DISTRICT-EAST CHAMPARAN, STATE-BIHAR

Date of Monitoring : 14.06.2024  
Monitoring Start Date : 14.06.2024  
Monitoring End Date : 15.06.2024  
Duration Of Monitoring : 24 HOURS  
Sample ID No : 1245-2  
Monitoring Done By : ETS STAFF  
Sampling Location : NQ-1 NEAR PROJECT SITE  
Sampling Method : ETS/STP/NOISE-01  
Category Of Area : RESIDENTIAL AREA

| S. No. | Test Parameter         | Unit        | Result | Specification/Limit (As per CPCB) | Test Method |
|--------|------------------------|-------------|--------|-----------------------------------|-------------|
| 1      | Day Time Noise Level   | Leq :dB (A) | 52.6   | 55                                | IS: 9989    |
| 2      | Night Time Noise Level | Leq :dB (A) | 38.8   | 45                                | IS: 9989    |

Remark: Day time is reckoned in between 06.00 A.M. and 10.00 P.M.  
Night time is reckoned in between 10.00 P.M. and 06.00 A.M.

\*\*\*\*\*End of Test Report\*\*\*\*\*



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SHRADDHA GUPTA

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Lab In-charge

Format No ETS/LAB/TR-02, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

#### Note:-

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3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
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email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063

## TEST REPORT

TEST REPORT NO : ETS/1245-3/06/2024

DATE OF REPORT: 20.06.2024

### WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer : M/S SHRI MAHAVIR STHAN NYAS SAMITY  
"VIRAAT RAMAYAN MANDIR" AT MAUZA-BAHAUARA HARBANS,  
KAITHWALIA, SISWA NARSINGH, BLOCK-KESARIYA & KALYANPUR,  
DISTRICT-EAST CHAMPARAN, STATE-BIHAR

Date of Sampling : 14.06.2024  
Analysis Start Date : 17.06.2024  
Analysis End Date : 20.06.2024  
Sample ID No : 1245-3  
Sampling Done By : ETS STAFF  
Sampling Description : GROUND WATER  
Sampling Location : BORE WELL ( NEAR PROJECT SITE)  
Sampling Method : ETS/STP/WATER-02  
Sample Quantity : 2.0 + 0.5 Ltr.  
Packing Condition : SEALED  
Packed In : P.V.C. AND GLASS BOTTLE

| S. No. | Test Parameter                        | Unit      | Result    | Specification/Limit<br>(As per IS:10500: 2012 ) |               | Test Method      |
|--------|---------------------------------------|-----------|-----------|-------------------------------------------------|---------------|------------------|
|        |                                       |           |           | Desirable                                       | Permissible   |                  |
| 1      | Colour                                | Hazen     | < 5.0     | 5                                               | 15            | APHA 2120-B      |
| 2      | Odour                                 | ...       | Agreeable | Agreeable                                       | Agreeable     | APHA 2150-B      |
| 3      | pH                                    | ...       | 7.50      | 6.5 - 8.5                                       | No Relaxation | APHA 4500-H+     |
| 4      | Taste                                 | ...       | Agreeable | Agreeable                                       | Agreeable     | APHA 2160-C      |
| 5      | Turbidity                             | NTU       | <1.0      | 1                                               | 5             | APHA 2130-B      |
| 6      | Total Dissolved Solids,(TDS)          | mg/L      | 320.5     | 500                                             | 2000          | APHA 2540-C      |
| 7      | Calcium,(Ca)                          | mg/L      | 46.3      | 75                                              | 200           | APHA 3500:(Ca)-B |
| 8      | Chloride,(Cl)                         | mg/L      | 80.8      | 250                                             | 1000          | APHA 4500:(Cl)-B |
| 9      | Chlorine (Residual)                   | mg/L      | <0.1      | 0.2                                             | 1             | APHA 4500:(Cl)-B |
| 10     | Iron,(Fe)                             | mg/L      | 0.24      | 0.3                                             | No Relaxation | APHA-3120B       |
| 11     | Total Alkalinity,(CaCO <sub>3</sub> ) | mg/L      | 156.1     | 200                                             | 600           | APHA 2320-B      |
| 12     | Total Hardness,(CaCO <sub>3</sub> )   | mg/L      | 172.6     | 200                                             | 600           | APHA 2340-C      |
| 13     | Total Coliform Count                  | Per 100mL | Absent    | Shall Not Be Detectable                         |               | IS 15185         |

\*\*\*\*\*End of Test Report\*\*\*\*\*



For Enviro-Tech Services  
AUTHORIZED SIGNATORY  
Lab In-charge

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## TEST REPORT

TEST REPORT NO.: ETS/1245-4/06/2024

DATE OF REPORT: 20.06.2024

### SOIL SAMPLE ANALYSIS REPORT

Name And Address of Customer : M/S SHRI MAHAVIR STHAN NYAS SAMITY  
"VIRAAT RAMAYAN MANDIR" AT MAUZA-BAHAUARA HARBANS,  
KAITHWALIA, SISWA NARSINGH, BLOCK-KESARIYA &  
KALYANPUR, DISTRICT-EAST CHAMPARAN, STATE-BIHAR

Date of Sampling : 14.06.2024

Analysis Start Date : 17.06.2024

Analysis End Date : 20.06.2024

Sample ID No : 1245-4

Sampling Done By : ETS STAFF

Sampling Description : SOIL

Sampling Location : SQ-NEAR PROJECT SITE

Sampling Method : ETS/STP/SOIL-01

Sample Quantity : 2.0 Kg.

Packing Condition : SEALED

Packed In : POLY BAG

| S. No. | Test Parameter                | Unit              | Result          | Test Method       |
|--------|-------------------------------|-------------------|-----------------|-------------------|
| 1      | Texture                       | ...               | SANDY CLAY LOAM | IS 2720 (Part-4)  |
| 2      | Sand                          | %                 | 50.1            | IS 2720 (Part-4)  |
| 3      | Silt                          | %                 | 35.3            | IS 2720 (Part-4)  |
| 4      | Clay                          | %                 | 14.6            | IS 2720 (Part-4)  |
| 5      | pH                            | ...               | 7.23            | IS 2720 (Part-26) |
| 6      | Moisture Content              | %                 | 34.7            | IS 4332 (Part-2)  |
| 7      | Electrical Conductivity (EC)  | µs/cm             | 376.4           | IS 14767          |
| 8      | Water Holding Capacity (WHC)  | %                 | 42.6            | IS 2720 (Part-2)  |
| 9      | Sodium, (Na)                  | mg/kg             | 128.3           | APHA-3125B        |
| 10     | Phosphorus (PO <sub>4</sub> ) | mg/kg             | 58.1            | ETS/STP/SOIL-19   |
| 11     | Potassium (K)                 | mg/kg             | 276.0           | APHA-3125B        |
| 12     | Calcium, (Ca)                 | mg/kg             | 1217.7          | IS 2720 (Part-23) |
| 13     | Magnesium, (Mg)               | mg/kg             | 510.3           | ETS/STP/SOIL-08   |
| 14     | Organic Matter, (OM)          | %                 | 1.36            | IS 2720 (Part-22) |
| 15     | Bulk Density                  | g/cm <sup>3</sup> | 1.60            | IS 2386 (Part-4)  |
| 16     | Porosity                      | %                 | 34.7            | IS 13030          |
| 17     | Total Nitrogen (N)            | mg/kg             | 190.2           | APHA, Pt 4500:(N) |
| 19     | Exchangable Sodium            | mg/kg             | 86.6            | ETS/STP/SOIL-21   |
| 20     | Available Sulphur             | mg/kg             | 21.3            | ETS/STP/SOIL-23   |

\*\*\*\*\*End of Test Report\*\*\*\*\*

CHECKED BY  
SHRADDHA GUPTA

For Enviro Tech Services  
AUTHORIZED SIGNATORY  
Lab In-charge

Format No ETS/LAB/TR-12, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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## **ANNEXURE XIII**

### **Contour Plan**



## **ANNEXURE XIV**

### **List of Plants to be planted in Greenbelt development**

## PLANTS OF RAMAYANA\*

\* NBRI. Res. PUBL No. 311 (NS)

K. M. BALAPURE, J. K. MAHESHWARI & R. K. TANDON  
*National Botanical Research Institute, Lucknow – 226 001, India.*

Received: 17 May, 1986

Accepted: 11 September, 1986

**ABSTRACT:** The article presents a list of plants mentioned in Ramayana one of the two great epics of this country which has been compiled and the probable equivalent botanical names have been fixed. This study will be useful to the botanists, palaeobotanists, ethnobotanists, foresters, naturalists and environmentalists as well.

### INTRODUCTION

RAMAYANA, one of the two great epics of India, is a work of great antiquity. It is attributed to the illustrious sage Valmiki. The exact period of writing Ramayana is a debatable matter. Some are of the opinion that Valmiki Ramayana was written somewhere before 3000 B.C. (?). Valmiki Ramayana is also one of the most sacred and religious books and has for ages exercised a deep and lasting influence on the Indian thought and outlook. Of the later versions of Ramayana, in the northern India, the Ramcharit Manas written by Goswami Tulsidas, is by far the most popular and has been described by the western critics as the one 'Bible' of a hundred millions of people of India.

This great epic has been studied from religious, social, political, geographical, literary and cultural points of view. But the aspect which has not received much attention is the scientific one as the Ramayana contains many terms, expressions and passages pertaining to such scientific subjects as botanical, zoological, architectural, meteorological, and archaeological.

The Ramayana mentions a large number of plants and the names of trees, shrubs and climbers and tubers and fruits are scattered throughout its text. It was due to this fact that the above project was undertaken so that an attempt could be made to ascertain as far possible to correct botanical names of the plants mentioned in Ramayana with the help of ancient literature available. With this object a complete list of the plants mentioned in the seven chapters of Valmiki Ramayana and Ramcharit Manas by Goswami Tulsidas – 1) Balkhand 2) Ayodhya Kand 3) Aranyakand 4) Kishkindhakand 5) Sundarkand 6) Yuddhakand and 7) Uttarkand, was prepared. All the plant names have been arranged in the alphabetical order and the references to the chapters and slokas have been mentioned below each. Although an attempt has been made to fix the identity of the plant as far as possible but these are all probabilities and due to the obvious difficulties in fixing the botanical identity of the Sanskrit or Hindi names no certainty or guarantee can be given for an exact botanical names. Along with the correct botanical names, the synonyms have also been given so that those who are not familiar with the latest nomenclatural changes (in accordance with the International code of botanical Nomenclature), the old names will serve their purpose.

### COMPLETE (ALPHABETICAL) LIST OF PLANTS MENTIONED IN THE SEVEN CHAPTERS OF THE RAMAYANA

Abbreviations used V. R. : Valmiki Ramayana, R. M. : Ramacharit Manas

**Sanskrit Name Botanical Name with family & reference to chapters & slokas**

1. Abja 7/1/Sloka 1 (R. M.): *Nelumbo nucifera* Gaertn. Syn. *Nelumbium speciosum* Willd. (NELUMBONACEAE)
2. Agaru 2/14/28 (R.M.): *Aquilaria agallocha* Roxb. (THYMELACEAE).
3. Agnimukh 3/73/3-5 (V.R.): *Semecarpus anacardium* Linn. (ANACARDIACEAE)  
शाखादार, काजू की तरह का वृक्ष हि०-भिलावा, भल्लातक, काले रंग का बीज, पुनर्यौवन का रसायन मतंग मुनि के आश्रम जाने के मार्ग में वर्णन
4. Aja 2/91/67 (V. R.): *Trachyspermum ammi* (Linn.) Sprague Syn. *Carum copticum* Benth. & Hook. f. (UMBELLIFERAE)  
अजवाइन, वार्षिक पौधा
5. Aku 7/115k/1 (R. M.): *Calotropis gigantea* (Linn.) R. Br. ex Ait. (ASCLEPIADACEAE)
6. Amb 7/57/3 (R.M.) *Mangifera indica* Linn. (ANACARDIACEAE)
7. Ambuj 2/30/25 (V. R.): *Nelumbo nucifera* Gaertn. Syn. *Nelumbium speciosum* Willd. (NELUMBONACEAE)  
कमल
8. Amburuh 7/8/9/ (V. R.): *Nelumbo nucifera* Gaertn. Syn. *Nelumbium speciosum* Willd. (NELUMBONACEAE)  
कमल
9. Amlaki 2/91/51 (V. R.) *Emblica officinalis* Gaertn. Syn. *Phyllanthus emblica* Linn. (EUPHORBIACEAE)  
आंवला
10. Ankol 2/94/8 (V.R) *Alangium salvifolium* (Linn. f.) Wang. Syn. *A. lamarekii* Thwaites (ALANGIACEAE)  
झाड़ीदार पौधा, फूल,
11. Arandu 2/42/2/ (R. M.) *Ricinus communis* Linn. (EUPHORBIACEAE)
12. Arbindu 7/1K/2 (R. M.) *Nelumbo nucifera* Gaertn. Syn. *Nelumbium speciosum* Willd. (NELUMBONACEAE)  
कमल
13. Arist 2/94/9 (V. R.): *Azadirachta indica* A. Juss. Syn. *Melia azadirachta* Linn. (MELIACEAE)  
नीम
14. Arjun 3/60/14 (V. R.) : *Terminalia arjuna* W. & A. (COMBRETACEAE)  
अर्जुन, बहुवार्षिक, शाखादार, हृदय रोग के लिए छाया लाभप्रद, तसर सिल्क के उत्पादन के लिए, पता-दर्द निवारक, घाव के लिए दवा
15. Ark 4/15/2 (R.M.): *Calotropis gigantea* (Linn.) R. Br. ex Ait. (SCLEPIADACEAE)  
आक, अकवन,
16. Arni 2/30/23 (V. R.): *Clerodendrum phlomidis* Linn. f. Syn. *Clerodendron phlomidis* Linn. f. (VERBENACEAE)  
बहुवार्षिक, झाड़ी, (भौंटे)
17. Arvind 3/75/21 (V. R.): *Nelumbo nucifera* Gaertn. Syn. *Nelumbium speciosum* Willd. (NELUMBONACEAE).
18. Asan 2/94/8 (V. R.) : *Terminalia tomentosa* W. & A. (COMBRETACEAE)  
विशाल वृक्ष, तना काटने पर सफेद रस की धारा निकलती है।  
असन, सज, साज,
19. Ashok 2/10/13 (V. R.): *Saraca asoca* (Roxb). De Wilde Syn. *S. indica* auct non Linn. (CAESALPINACEAE)  
अशोक
20. Ashwatha 2/91/49 (V. R.): *Ficus religiosa* Linn. (MORACEAE)  
पीपल

21. Asoka 5/12/5 (R. M.): *Saraca asoca* (Roxb) De Wilde Syn. *S. indica* auct non Linn. (CAESALPINIACEAE)  
खंभा जैसा जो अशोक कहलाता है वह अशोक नहीं है। अशोक में फूलों का गुच्छ होता है और वह शाखादार होता है।
22. Atimuktaka 3/75/24 (V. R.): *Hiptage benghalensis* Kurz Syn. *H. madablota* Gaertn (MALPIGHIACEAE)  
लता
23. Baan 4/30/56 (V. R.): *Saccharum munja* Roxb. (GRAMINEAE)  
मूँज घास
24. Badar 2/125/4 (R.M.): *Zizyphus mauritiana* Lamk. Syn. *Z. jujuba* Lamk. (RHAMNACEAE)  
बेर
25. Banaj 2/325/2 (R.M.): *Nelumbo nucifera* Gaertn. Syn. *Nelumbium speciosum* Willd. (NELUMBONACEAE)  
कमल
26. Bandhujiv 4/30/62 (V. R.): *Pentapetes phoenicea* Linn. (SERCULIACEAE)  
वार्षिक, झाड़ी, लाल रंग का फूल, दुपहरिया फूल, मधुरी
27. Barhi 2/87/20 (V.R.) : *Desmostachya bipinnata* Stapf (GRAMINEAE)  
कुश
28. Bet 6/16/(Kh) (R.M.) : *Calamus rotang*. Linn (PALMAE)  
बेत
29. Betas 2/325/2 (R.M.): *Calamus rotang*. Linn (PALMAE)  
बेत
30. Bhallatak 2/56/7 (V. R.): *Semecarpus anacardium* Linn (ANACARDIACEAE)  
भिलावा, अग्निमुख
31. Bhandir 3/75/24 (V. R): *Ficus benghalensis* Linn. (MORACEAE)  
वटवृक्ष
32. Bhavya 2/94/8 (V. R.): *Dillenia indica* Linn. (DILLENACEAE)  
Elephant apple Tree, chutta (हिन्दी),
33. Bhurjpatra 2/94/24 (V. R.) : *Betula utilis* D. Don Syn. *B. bhojpatra* Wall. (BETULACEAE)  
भोजपत्र-विशाल वृक्ष, सफेद परतदाल छाल,
34. Bhujtaru 7/121/8 (R. M.): *Betula utilis* D. Don Syn. *B. bhojpatra* Wall. (BETULACEAE)  
भोजपत्र,
35. Bibhitak 2/91/49 (V. R.): *Terminalis bellirica* (Gaertn). Roxb. (COMBRETACEAE)  
बहेड़ा,
36. Bijpur 2/91/30 (V. R.) : *Citrus medica* Linn (RUTACEAE)  
झोआ नींबू
37. Bimb 5/15/29 (V. R.) : *Coccinia grandis* (Linn) Voigt Syn. *C. indica* W. & A. (CUCURBITACEAE)  
कुनरी, तिलकोर-लता

38. Chaitya 2/71/42 (V. R.): *Ficus religiosa* Linn. (MORACEAE)  
पीपल
39. Champak 2/10/13 (V. R.): *Michelia champaca* Linn. (MAGNOLIACEAE)  
चम्पा
40. Chanak 7/91/20 (V. R.): *Cicer arietinum* Roxb. (PAPILIONACEAE)  
चना
41. Chirabilva 3/11/74 (V. R.): *Holoptelea integrifolia* Planch. (ULMACEAE)  
हिन्दी-चिलबिल, विशाल वृक्ष,
42. Chut 2/91/30 (V. R.): *Mangifera indica* Linn. (ANACARDIACEAE)  
आम
43. Dadim 3/60/21 (V. R.): *Punica granatum* Linn. (PUNICACEAE)  
अनार
44. Darbha 4/26/5 (V. R.): *Desmostachya bipinnata* Linn. Stapf (GRAMINEAE)  
कुश
45. Dhanwan 2/94/9 (V. R.): *Grewia asiatica* Linn (TILIACEAE)  
अडूसा, फलदार वृक्ष, मध्यम ऊँचाई का वृक्ष
46. Durba 7/3K/3 (R.M.): *Cynodon dactylon* (Linn.) Pers. (GRAMINEAE)  
दूब
47. Godhum 3/16/16 (V. R.): *Triticum aestivum* Linn. Syn. *T. sativum* Lamk. (GRAMINEAE)  
गेहूँ
48. Gulri 6/34/2 (R. M.): *Ficus racemosa* Linn. Syn. *F. glomerata* Roxb. (MORACEAE)  
गूलर
49. Harichandran 2/65/8 (V. R.): A sort of Sandal tree.  
सफेद चन्दन, White Sandalwood Tree
50. Hintal 4/27/18 (V. R.): *Phoenix paludosa* Roxb. (PALMAE)  
Mangrove Date Palm, खजूर
51. Indivar 2/2/53 (V. R.): *Nymphaea nouchali* N. Burman Syn. *N. stellata* Willd. (NYMPHAEACEAE)  
नीलकमल
52. Ingudi 2/50/28 (V. R.): *Balanites aegyptiaca* (Linn) Delile Syn. *B. roxburghii* Planch. (BALANITACEAE)  
हिंगोट
53. Jalaj 6/111/ ch, 7 (R.M.): *Nelumbonucifera* Gaertn. Syn. *Nelumbium speciosum* Willd. (NELUMBONACEAE)  
कमल
54. Jaljata 5/42/3 (R. M.): *Nelumbo nucifera* Gaertn. Syn. *Nelumbium speciosum* Willd. (NELUMBONACEAE)

कमल

55. Jalruh 2/159/1 (R.M.): *Nelumbo nucifera* Gaertn. Syn. *Nelumbium speciosum* Willd. (NELUMBONACEAE)  
कमल

56. Jambu 2/55/15 (V. R.): *Syzygium cumini* (Linn) Skeels Syn. *Eugenia jambolana* Lank. (MYRTACEAE)  
जामुन

57. Japa 6/106/23 (V. R.): *Hibiscus rosasinensis* Linn (MALVACEAE)  
अड़हुल

58. Jati 2/91/51 (V.R.): *Jasminum gradiflorum* Linn. (OLEACEAE)  
जूही

59. Jav 5/33/ (R.M.): *Hordenum vulgare* Linn. (GRAMINEAE)  
जौ

60. Jawas 2/159/1 (R.M.) 4/15/2 (R. M): *Alhagi maurorum* Medic. Syn. *A. pseudalhagi* (Bieb.). Desv. (PAPILIONACEAE)

61. Kadi 2/20/33 (V. R.): *Musa paradisiaca* Linn. (MUSACEAE)  
केला

62. Kadri 5/58/ (R.M.) : *Musa paradisiaca* Linn(MUSACEAE)  
केला

63. Kairav 2/Doha 10 (R.M.): *Nymphaea nouchali* N. Burman Syn. *N.stellata* Willd. (NYMPHAEACEAE)  
नीलकमल

64. Kalaguru 5/29/3 (V. R.): *Aquilaria agallocha* Roxb. (THYMELAEACEAE)  
अगर का वृक्ष, विशाल,

65. Kaleyak 7/42/2 (V. R.): *Crocus sativus* Linn. (IRIDACEAE)  
केसर

66. Kalhar 4/30/36 (V.R.): *Nymphaea lotus* (NYMPHAEACEAE)  
कमल

67. Kalpavriksha 4/34/5 (V.R.): *Salmaalina malabarica* schoot. & Endl. (BOMBACACEAE)  
कल्पवृक्ष

68. Kanchanvriksha 4/50/29 (V.R.) : *Bauhinia variegata* Linn. (CAESALPINIACEAE)  
Orchid tree, कचनार

69. Kanj 4/Doha 24 (R.M.): *Nelumbo nucifera* Gaertn. (NELUMBONACEAE)  
कमल

70. Kapith 2/9120 (V. R.): *Limonia acidissima* Linn. Syn. *Feronia limonia* (Linn) Pierre (RUTACEAE)  
कैथ

71. Karanji 6/4/73 (V. R.) : *Pongamia pinnata* (Linn.) Pierre (PAPILIONACEAE)

## कलौजी

72. Karila 2/63/4 (R.M.): *Capparis deciduas* (Forsk) pax Syn. *C. aphylla* Roth (CAPPARACEAE)  
केर्दा, कैर, करील, करीर, (वृन्दावन वर्णन में प्रयुक्त) पत्ते नहीं होते।
73. Karir 6/22/59 (V. R.): *Capparis deciduas* (Forsk) pax (CAPPARACEAE)  
केर्दा, कैर, करील, करीर, (वृन्दावन वर्णन में प्रयुक्त) पत्ते नहीं होते।
74. Karnikar 2/29/23 (V. R.): *Pterospermum accrifolium* Willd. (STERCULIACEAE)  
कनैल
75. Karpur 4/28/8 (V. R.): *Cinnamomum camphora* (Linn) Nees & Eberm. (LAURACEAE)  
विशाल वृक्ष
76. Karvir 3/73/4 (V.R.): *Nerium indicum* Mill. (APOCYNACEAE)  
करवीर
77. Kas 4/16/1 (R.M.): *Saccharum spontaneum* Linn. (GRAMINEAE)  
कास-घास
78. Kash 2/88/22 (V.R.): *Saccharum Spontaneum* Linn. (GRAMINEAE)  
कास-घास
79. a. 4/16/1 (R.M.) *Saccharum Spontaneum* Linn (GRAMINEAE)
80. Kashmari 2/94/9 (V.R.) *Gmelina arborea* Linn (VERBENACEAE)  
गम्हार
81. Katak 3/75/24 (V.R.) *Strychnos potatorum* Willd. (STRYCHNACEAE)
82. Ken 2/6/3 (R.M.) *Musa paradisiaca* Linn.(MUSACEAE)  
केला
83. Ketak 2/94/6 (V.R.): *Pandanus fascicularis* Lamk. Syn. *P. odoratissimus* Roxb. *P. odoratissimus* Roxb. *P. tectorius* Soland ex. Balf (PANDANACEAE)  
केवला
84. Kichak 4/43/37 (V.R.): *Bambusa bambos* Druce Syn. *B. frondosa* Koenig ex Roxb. (GRAMINEAE)  
बाँस
85. Kinsuk 6/54/1 (R.M.) *Butea monosperma* (Lamk), Taub. Syn. *B. frondosa* Koenig ex Roxb. (PAPILIONACEAE)  
पलाश
86. Kodav 2/261/2 (R.M.): *Paspalum scrobiculatum* Linn. (GRAMINEAE)  
वार्षिक फसल, कोदो
87. Koot – shalmali 4/40/39 (V.R.): *Aphanamixis polystachya* (Wall.) Parker Syn. *Amoora rohituika* Wight & Arn. (MELIACEAE)  
हिन्दी- पीठा, बंगला- रोयना
88. Kovidar 2/84/3 (V. R): *Bauhinia variegata* Linn. (CAESALPINIACEAE)

कचनार

89. Kritmal 4/27/18 (V.R.) : *Cassia fistula* Linn. (CAESALPINIACEAE)  
अमलतास
90. Kulitha 7/91/20 (V.R.): *Dolichos biflorus* Linn. (PAPILIONACEAE)  
कुल्थी, वार्षिक फलस, दलहन
91. Kurant 4/1/80 – 80 ½ (V.R.): *Barleria prionitis* Linn. (ACANTHACEAE)  
वज्रदन्ती, वार्षिक पौधा
92. Kurav 3/60/21 (V.R.): *Barleria cristata* Linn. (ACANTHACEAE)  
कुरबक-झिटी, वार्षिक पौधा
93. Kus 7/1kh – Doha (R.M.) : *Desmostachya bipinnata* Linn. Stapf (GRAMINEAE)
94. Kushtha 2/94/24 (V.R.): *Nymphaea nouchali* N. Burman Syn. *N. stellata* Willd. (NYMPHAEACEAE)  
कूढ
95. Kutaj 4/28/4 (V.R.): *Holarrhena antidysenterica* Linn (APOCYNACEAE)  
कुटज
96. Kuvalaya 3/75/20 (V.R.): *Nymphaea stellata* Willd. (NYMPHAEACEAE)  
कुमुदनी
97. Lakuch 3/15/18 (V.R.): *Artocarpus lakoocha* Roxb. (MORACEAE)  
बड़हर
98. Lodh 2/94/8 (V.R.): *Symplocos racemosa* Roxb. (SYMPLOCACEAE)  
लोध
99. Lodhra 4/43/13 (V.R.): 1. *Symplocos crataegoides* Buch – Ham ex D. Don. 2. *S. racemosa* Roxb. (SYMPLOCACEAE)  
लोध
100. Madhuk 2/94/9 (V. R.) : *Madhuca longifolia* (Koenig.) Macbride var. *latifolia* (Roxb.) Chev. (SAPOTACEAE)  
महुआ
101. Mallika 2/9/51 (V.R.) : *Jasminum sambac* (Linn.) Ait (OLEACEAE)  
चमेली
102. Malti 2/91/51 (V.R.): i. *Aganosma calycina* A. De. ii. *A. dichotoma* (Roth) K. Schum. (APOCYNACEAE)  
मालती
103. Mandar 7/26/5 (V.R.): *Erythrina orientalis* (L.) Murr. Syn. *E. variegata* L. var. *orientalis* (L.) Merr. *E. indica* (L.) Murr. (PAPILIONACEAE)  
आक
104. Maskar 3/15/21 (V.R.): *Piper nigrum* Linn. (PIPERACEAE)  
पिप्पली लता

105. Maskar 3/15/21 (V.R.): *Bambusa bambos* Druce Syn. *B. arundinacea* Willd. (GRAMINEAE)
106. Muchukund 4/1/80 – 80 ½ (V.R.): *Pterospermum suberifolium* Lam. (STERCULIACEAE)  
मुचकुन्द
107. Mugda 7/91/19 (V.R.): *Vigna mungo* (Linn.) Hepper Syn. *Phaseolus mungo* Linn. (PAPILIONACEAE)  
मूँग
108. Naag 3/73/4 (V.R.): *Mesua nagassarium* (Burm.f) Kosterm. Syn. *M. ferrua* sensu. T. Ander (GUTTIFERAE)  
नागकेसर, लंकेसर, वार्षिक झाड़ी
109. Naktamal 4/1/82 (V.R.): *Pongamia pinnata* (Linn). Pierre (PAPILIONACEAE)  
नक्तमाल
110. Nalin 2/112/15 (V.R.): *Nelumbo nucifera* Gaertn. Syn. *Nelumbium speciosum* Willd. (NELUMBONACEAE)  
कमल
111. Nalini 4/30/35 (V.R.): *Nelumbo nucifera* Gaertn. Syn. *Nelumbium speciosum* Willd. (NELUMBONACEAE)  
कमल का पौधा
112. Narikel 3/35/13 (V.R.): *Cocos nucifera* Linn. (PALME)  
नारियल
113. Neelotpala 3/42/16 (V.R.): *Nymphaea nouchali* N. Burman Syn. *N. Stellata* Willd. (NYMPHAEACEAE)  
नील कमल
114. Neelvriksha 3/73/4 (V.R.): *Crypocarya wightiana* Thw. (LAURACEAE)
115. Neep 2/94/9 (V.R.): *Anthocephalus chinensis* (Lamk) A. Rich ex walp Syn. *A. cadambal* (Roxb.) Miq. (RUBIACEAE)
116. Neeraj 2/260/2 (R.M.): *Nelumbo nucifera* Gaertn. Syn. *Nelumbium speciosum* Willd. (NELUMBONACEAE)  
कमल
117. Neeraj 6/109/ Chhand 2 (V.R.): *Nelumbo nucifera* Gaertn. Syn. *Nelumbium speciosum* Willd. (NELUMBONACEAE)  
कमल
118. Neevar 2/61/5 (V. R.): *Oryza sativa* Linn. (GRAMINEAE)
119. Nichul 3/75/24 (V.R.): *Barringtonia acutangula* Linn. Gaertn. (BARRINGTONIACEAE)  
निचुल
120. Nimb 2/35/16 (V.R.): *Azadirachta indica* A. Juss. Syn. *Melia azadirachta* Linn. (MELIACEAE)  
नीम
121. Nyagrodh 2/52/68 (V.R.): *Ficus benghalensis* Linn. (MORACEAE)  
बड़, बटवृक्ष
122. Padma 3/1/6 (V.R.): *Nelumbo nucifera* Gaertn. Syn. *Nelumbium speciosum* Willd. (NELUMBONACEAE)  
कमल

123. Padmak 2/76/16 (V.R.): *Prunus cerasides* D. Don Syn. *P. Puddum* Roxb. Ex Wall. (ROSACEAE)
124. Padmini 3/60/5 (V.R.): *Nymphaea nouchali* Burm.f.Syn. *N. rudra* Roxb. Ex Salisb. (NYMPHAEACEAE)
125. Pakri 2/237/1 (R.M.) : *Ficus virens* Ait. Syn. *F. infectoria* Roxb. *F. lacor* Buch-Ham (MORACEAE)
126. Pakri 7/56/5 (R.M.): *Ficus virens* Ait. Syn. *F. infectoria* Roxb. *F. lacor* Buch. Ham. (MORACEAE)
127. Panas 2/94/8 (V.R.): *Artocarpus heterophyllus* Lam. Syn. *A. integrifolia* Linn. F. (MORACEAE)  
कटहल
128. Pankaj 3/8/14 (V.R.): *Nelumbo nucifera* Gaertn. Syn. *Nelumbium speciosum* Willd. (NELUMBONACEAE)  
कमल
129. Paribhadrak 3/73/5 (V.R.): *Erythrina orientalis* (L.) Murr. Syn. *E. variegata* L. Var. *orientalis* (L). Merr. *E. indica* (L.) Murr. (PAPILIONACEAE)  
फरहद
130. Parijat 7/42/3 (V.R.): *Nyctanthes arbortristis* Linn. (OLEACEAE)  
सिंगरहार
131. Parnas 3/15/18 (V. R.): *Ocimum sanctum* Linn. (LABIATAE)  
वनतुलसी
132. Pathoj 4/Doha 30 (R.M.) (early chhanda): *Nelumbo nucifera* Gaertn. Syn. *Nelumbium speciosum* Willd. (NELUMBONACEAE)  
कमल
133. Peepar 2/45/2 (R.M.): *Ficus religiosa* Linn. (MORACEAE)  
पीपल
134. Peepar 7/56/5 (R.M.) : *Ficus religiosa* Linn (MORACEAE)  
पीपल
135. Pippal 3/11/38 (V.R.): *Ficus religiosa* Linn (MORACEAE)  
पीपल
136. Priyak 2/71/12 (V.R.): *Pterocarpus marsupium* Roxb. (PAPILIONACEAE)  
नेपाली-विजियासाल
137. Priyal 2/94/8 (V.R.): *Buchanania lanzan* Spreng. Syn. *B. latifolia* Roxb. (ANACARDIACEAE)  
हिन्दी-चारोली, चिरौंजी
138. Priyangu 4/26/27 (V.R.): *Aglai elaeagnoides* (Juss.) Benth Syn. *A. roxburghiana* Miq. (MELIACEAE)  
प्रियंगु
139. Pundarik 2/87/2 (V.R.): *Nelumbo nucifera* Gaertn. Syn. *Nelumbium speciosum* Willd. (NELUMBONACEAE)  
कमल
140. Punmag 2/94/24 (V.R.): *Calophyllum inophyllum* Linn. (GUTTIFERAE)  
एक सदाबहार विशाल वृक्ष

141. Pushkar 2/4/41 (V.R.): *Nelumbo nucifera* Gaertn. Syn. *Nelumbium speciosum* Willd. (NELUMBONACEAE)  
कमल

142. Rajiv 3/11/77 (V.R.): *Nymphaea nouchali* N. Burman Syn. *N. stellata* Willd. (NYMPHAEACEAE)  
कमल

143. Rajiv 5/31/1 (R.M.): *Nymphaea nouchali* N. Burman Syn. *N. stellata* Willd. (NYMPHAEACEAE)

144. Raktapadmoptala 3/42/16 (V.R.): *Nymphaea nouchali* Burm. f. Syn. *N. rubra* Roxb. Ex Salisb. (NYMPHAEACEAE)  
लाल कमल

145. Raktoptala 4/43/40 (V. R.): *Nymphaea nouchali* Burm. f. Syn. *N. rubra* Roxb. Ex Salisb. (NYMPHAEACEAE)

146. Ranjak 6/4/79 (V.R.): *Lawsonia inermis* Linn. (LYTHRACEAE)

147. Rasala 7/56/5 (R. M.): *Mangifera indica* Linn. (ANACARDIACEAE)

आम

148. Sali 2/253/1 (R.M.): *Oryza sativa* Linn. (GRAMINEAE)

धान

149. Sallaki 2/55/8 (V. R.): *Boswellia serrata* Roxb. Ex. Colebr (BURSERACEAE)

मध्यम आकार का सदाबहार पौधा

150. San 7/121/9 (R.M.): *Crotalaria juncea* Linn. (PAPILIONACEAE)

वार्षिक फलस

151. Santana 5/14/26 (V.R.): *Bombax ceiba* Linn. (BOMBACACEAE)

पलाश

152. Saptachad 4/30/30 (V.R.): *Alstonia scholaris* R. Br. (APOCYNACEAE)

छतवन

153. Saptaparna 3/75/24 (V.R.): *Alstonia scholaris* R. Br. (APOCYNACEAE)

छतवन, सप्तपर्ण

154. Saral 2/76/16 (V.R.): *Pinus roxburghii* Sargent Syn. *P. longifolia* Roxb. (PINACEAE)

चीड़ का पेड़

155. Sarj 4/27/10 (V.R.): *Shorea robusta* Gaertn. f. (DIPTEROCARPACEAE)

शाल वृक्ष

156. Saroj 5/7/2 (R.M.): *Nelumbo nucifera* Gaertn. Syn. *Nelumbium speciosum* Willd. (NELUMBONACEAE)

कमल

157. Saroroo 2/56/2 (R.M.) : *Nelumbo nucifera* Gaertn. Syn. *Nelumbium speciosum* Willd. (NELUMBONACEAE)

कमल

158. Sarshap 2/25/28 (V.R.) : *Brassica campestris* Linn. var *rapa* (Linn) Hartm. (BRASSICACEAE)

सरसो

159. Sarsij 6/1/Shlok 1 (R.M.): *Nelumbo nucifera* Gaertn. Syn. *Nelumbium speciosum* Willd. (NELUMBONACEAE)

कमल

160. Sarsiruh 6/63/4 (R.M.): *Nelumbo nucifera* Gaertn. Syn. *Nelumbium speciosum* Willd. (NELUMBONACEAE)

कमल

161. Shaival 2/50/12 (V. R.) : (ALGAE)

सेमार

162. Shal 1/17/8 (V.R.): *Shorea robusta* Gaertn. f. (DIPTEROCARPACEAE)

शाल वृक्ष

163. Shalmall 2/68/19 (V.R.) : *Bombax ceiba* Linn. Syn. *Salmaia malabarica* (DC) Schoot & Endl. (BOMBACACEAE)

सेमल

164. Shami 3/15/18 (V.R.): *Prosopis cineraria* (Linn.) Macbr. Syn. *P. spicigera* Linn. (MIMOSACEAE)

शमी

165. Shar 3/15/22 (V.R.): *Saccharum bengalense* Retz. Syn. *S. munja* Roxb. (GRAMINEAE)

सरपत

166. Shatpatra 2/26/11 (V.R.): *Nelumbo nucifera* Gaertn. Syn. *Nelumbium speciosum* Willd. (NELUMBONACEAE)

कमल

167. Sheet 2/88/7 (V.R): *Cinnamomum camphora* (Linn.) Nees & Eberm. (L.AURACEAE)

कपूर का वृक्ष

168. Shinshapa 2/91/51 (V.R.): *Dalbergia sissoo* Roxb. (PAPILIONACEAE)

सीसम

169. Shirisha 4/1/81 (V.R.): *Albizia lebbek* (L.) Benth. (MIMOSACEAE)

#### सिरीष

170. Shrikhand 6/109/4 (R.M.): *Santalum album* Linn. (SANTALACEAE)

#### सफेद चन्दन का वृक्ष

171. Shukla 3/75/23 (V.R.): *Symplocos racemosa* Roxb. (SYMPLOCACEAE)

#### लोध

172. Shyam 4/30/62 (V.R.): A. *Datura metel* L. (SOLANACEAE) B. *Salvadora oleoides* Dcne. (SALVADORACEAE) C. *Dalbergia sissoo* Roxb. Ex. DC. (PAPILIONACEAE)

#### धतूरा

173. Sindhuwar 4/1/77 (V.R.): *Vitex negundo* Linn. (VERBENACEAE)

#### बहुवार्षिक झाड़ी

174. Sinsupa 2/89/2 (R.M.): *Dalbergia sissoo* Roxb. (PAPILIONACEAE)

#### सीसम

175. Surakia 3/73/5 (V.R.): *Alstonia scholaris* R. Br. (APOCYNACEAE)

176. Tagar 2/94/24 (V.R.): *Tabernaemontana divaricata* (Linn.) R. Br. ex Roem & Schult.

Syn. *Ervatamia coronaria* Stapf (APOCYNACEAE)

#### तगर

177. Tagar 7/26/6 (V.R.): *Tabernaemontana divaricata* (Linn.) R. Br. ex Roem & Schult. Syn.

*Ervatamia coronaria* Stapf (APOCYNACEAE)

#### तगर

178. Takkol 3/35/22 (V.R.): *Pimenta racemosa* J. W. Moor Syn. *P. acris* Kostel (MYRTACEAE)

179. Talu 2/29/3 (R.M.): *Borassus flabellifer* Linn. (PALMAE)

180. Tamal 2/91/50 (V.R.): *Garcinia xanthochymus* HK. f. ex. T. And. (GUTTIFERAE)

181. Tamrasu 2/71/4 (R.M.): *Nelumbonucifera* Gaertn. Syn. *Nelumbium Speciosum* Willd. (NELUMBONACEAE)

182. Tandul 3/16/17 (V.R.): *Oryza sativa* Linn. (GRAMINEAE)

183. Til 2/69/10 (V.R.): *Sesamum orientale* Linn. Syn. *S. indicum* Linn. (PEDALIACEAE)

184. Tilak 2/91/50 (V.R.): *Symplocos racemosa* Roxb. (SYMPLOCACEAE)

185. Timid 4/27/18 (V.R.): *Benincasa hispida* (Thunb.) Cogn. (CUCURBITACEAE)

186. Tinish 2/94/8 (V.R.): *Ougenia oojenensis* (Roxb.) Hochr. (PAPILIONACEAE)
187. Tulsika 5/Doha 5 (R.M.): *Ocimum sanctum* Linn. (LABIATAE)
188. Tung 7/42/2 (V. R.): *Cocos nucifera* Linn. (PALMAE)
189. Uddalak 4/1/81 (V.R.): *Cordia wallichii* G. Don (EHRETIACEAE)
190. Udumbar 2/14/34 (V.R.): *Ficus racemosa* Linn. Syn. *F. glomerata* Roxb. (MORACEAE)

#### गूलर

191. Ushir 2/55/14 (V. R.): *Vetiveria zizanioides* Linn. Nash (GRAMINEAE)

#### खस

192. Utpal 2/7/2 (V.R.): *Nymphaea nouchali* N. Burman Syn. *N. stellata* Willd. (NYMPHAEACEAE)

#### कमल

193. Vaitas 2/55/15 (V. R.): *Calamus rotang* Linn. (PALMAE)

#### बेंत

194. Vanir 4/27/18 (V. R.): *Calamus rotang* Linn. (PALMAE)

#### पुष्पी पादप, बहुवार्षिक

195. Vanjul 3/11/74 (V. R.): *Saraca asoca* (Roxb.) De Wilde Syn. *S. indica* auct non Linn. (CAESALPINACEAE)
196. Vansh 2/55/14 (V. R.) 1. *Bambusa bambos* Druce Syn. *B. arundinacea* (GRAMINEAE)

#### बाँस

197. Varan 2/94/9 (V.R.): *Crataeva nurvala* Buch-Ham (CAPPARACEAE)
198. Vasanti 4/1/77 (V.R.): *Jasminum officinale* Linn. (OLEACEAE)
199. Venu 2/38/7 (V.R.): *Bambusa bambos* Druce Syn. *B. arundinacea* Willd. (GRAMINEAE)
200. Vetra 2/94/9 (V.R.): *Calamus rotang* Linn. (PALMAE)
201. Vishalyakarni 2/25/38 (V.R.) *Vallaris solanacea* (Roth). O. Ktze. (APOCYNACEAE)
202. Vistar 2/20/28 (V.R.): *Desmostachya bipinnata* (Linn) Stapf (GRAMINEAE)
203. Vrutta 2/59/24 (V.R.): *Jasminum pubescens* Willd. (OLEACEAE)
204. Yav 3/16/16 (V.R.): *Hordeum vulgare* Linn. (GRAMINEAE)

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# **ANNEXURE XV**

## **AAI NOC**



# भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

Date: 30-01-2017

SRI MAHAVIR STHAN NYAS SAMITI

MAHAVIR MANDIR,  
PATNA JUNCTION

## System Generated Auto Assessment for Height Clearance

1. 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 GSR 751 (E) dated 30th Sep. 2015 for Safe and Regular Aircraft Operations has assessed the site data filled by the applicant.

2. Assessment details for Height Clearance:

NOCID : MUZA/EAST/B/013017/194453

Applicant Name : Navratna Raghuvanshi

Type of Structure : Building

Site Address : VIRAATRAMAYANMANDIR/PLOT#1555etc/KHATA#224

Site Coordinates : 84 55 24.40-26 23 04.97, 84 55 25.07-26 22 52.73, 84 55 46.22-26 22 49.12, 84 56 16.65-26 23 10.54, 84 56 19.64-26 22 56.51,

Site Elevation AMSL in 67.07 M  
Mtrs as Submitted by  
Applicant:

As the site is located at a distance of 48655 m from the Aerodrome reference point of Muzaffarpur airport and the requested top elevation is 190 mtrs, the NOC for height clearance is not required from Airports Authority of India as per GSR 751(E).

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

a. The site-elevation and site coordinates provided by the applicant are taken for calculation of the permissible top elevation for the proposed structure. If, however, at any stage it is established that the actual data is different from the one, provided by the applicant, this NOC will become invalid.

b. The assessment 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.

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

d. This assessment has been issued w.r.t. the Civil Airports as notified in GSR 751(E). Applicant needs to seek separate NOC from Defence, if the site lies within jurisdiction of Defence Airport.

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राजीव गांधी भवन

Rajiv Gandhi Bhawan

सफदरजंग हवाई अड्डा नई दिल्ली-110003

Safdarjung Airport, New Delhi-110003

दूरभाष : 24632950

Phone: 24632950

# NOC Application

## NOC Applicant Details

|                          |                                                                                                   |
|--------------------------|---------------------------------------------------------------------------------------------------|
| NOC ID                   | MUZA/EAST/B/013017/194453                                                                         |
| Name of the Owner        | SRI MAHAVIR STHAN NYAS SAMITI                                                                     |
| Address of Owner         | MAHAVIR MANDIR, PATNA JUNCTION                                                                    |
| Name of Applicant        | Navratna Raghuvanshi                                                                              |
| Address of Communication | 204, Maharaja Kameshwar Complex, infront of Buddha Smriti Park. Frazer Road<br>Patna Bihar 800001 |
| Contact No:              | 8863094547                                                                                        |
| Email ID                 | navi.usec@gmail.com                                                                               |

## Site Details

|                            |                                            |
|----------------------------|--------------------------------------------|
| Type of Structure          | Building                                   |
| Site Description           | VIRAATRAMAYANMANDIR/PLOT#1555etc/KHATA#224 |
| Size of Plot (in sq. mtrs) | 667547                                     |
| Area Name                  | KALYANPUR/BAHUWARA/KATHWALIA/KESARIA       |
| City                       | Muzaffarpur                                |
| State                      | Bihar                                      |
| Prominent Area             | Muzaffarpur                                |

## Site Coordinates

| Latitude (N) | Longitude (E) | Site Elevation (AMSL)(mtr) | Building Height (AGL)(mtr) |
|--------------|---------------|----------------------------|----------------------------|
| 26 23 04.97  | 84 55 24.40   | 67.07                      | 125                        |
| 26 23 10.54  | 84 56 16.65   | 64.63                      | 125                        |
| 26 22 56.51  | 84 56 19.64   | 64.93                      | 125                        |
| 26 22 49.12  | 84 55 46.22   | 64.93                      | 125                        |
| 26 22 52.73  | 84 55 25.07   | 64.93                      | 125                        |