

| | BASEMENT (IN SQ.M.) | | GROUND (IN SQ.M.) | FIRST (IN SQ.M.) | SECOND (IN SQ.M.) | THIRD (IN SQ.M.) | TOTAL |
|--------------|---------------------|-----------|-------------------|------------------|-------------------|------------------|---------|
| | INFAR | NOT INFAR | | | | | |
| EXISTING | --- | --- | 2224.85 | 1523.09 | 1040.89 | 776.47 | 5565.3 |
| COVERED AREA | 512.83 | 2405.04 | 2587.09 | 2198.68 | --- | --- | 5286.6 |
| TOTAL | 512.83 | --- | 4811.94 | 3721.77 | 1040.89 | 776.47 | 10863.9 |

Compounding charges deposited
for Completion of work for
No. 1004/1/2014
dated 25.03.2014

Building Dept. Najafgarh Zone
South Delhi Municipal Corporation
C.C. File No. 923/1/2014
C.C. Issue No. 927/1/2014
Property No. Plot No. 32, Sec-14, Dwarka-1

AE (Bldg) J.E (Bldg)
Najafgarh Zone Najafgarh Zone

| AREA STATEMENT | |
|--|----------------|
| TOTAL AREA OF THE PLOT | 22251.54 SQ.M. |
| PERMISSIBLE GROUND COVERAGE 30% | 6675.46 SQ.M. |
| PERMISSIBLE F.A.R 200% | 4450308 SQ.M. |
| PERMISSIBLE MAX HEIGHT | 37 M. |
| FAR CALCULATION | |
| COVD. AREA AT GROUND FLOOR | 2587.09 SQ.M. |
| COVD. AREA AT FIRST FLOOR | 2198.68 SQ.M. |
| COVD. AREA AT BASEMENT FLOOR | 512.83 SQ.M. |
| TOTAL PROPOSED AREA | 5298.6 SQ.M. |
| EXISTING COVD. AREA AT GROUND FLOOR | 2224.85 SQ.M. |
| TOTAL GROUND COVERAGE ACHIEVED | 4811.94 SQ.M. |
| GROUND COVERAGE ACHIEVED = $4811.94/22251.54 \times 100 = 21.63\%$ | |
| PERMISSIBLE F.A.R 200% | |
| AREA OF PROPOSED BUILDING (A) = 5298.6 | |
| AREA OF EXISTING BUILDING (B) = 5565.3 | |
| TOTAL AREA (A+B) = 10863.9 SQ.M. | |
| FAR ACHIEVED = $10863.9 \times 100 = 48.82\%$ | |
| 22251.54 | |
| ECS CALCULATION | |
| TOTAL AREA = 10863.9 SQ.M. | |
| ECS REQUIRED 18 PER 100 SQ.M. PROPOSED FLOOR AREA | |
| 1 ECS = 23 SQ.M. (OPEN PARKING) | |
| PARKING REQUIRED = $10863.9 \times 18 = 195.55$ | |
| 100 | |
| ECS REQUIRED = SAY 196 | |
| TOTAL SURFACE PARKING = | 143 |
| TOTAL HANDICAPPED PARKING PROPOSED = | 4 |
| BASEMENT PARKING PROPOSED = | 37 |
| TOTAL = | 184 |
| TWO-WHEELER PARKING (SURFACE) = | 36 |
| TWO-WHEELER PARKING (BASEMENT) = | 16 |

- COMPLETION BUILDINGS
- EXISTING BUILDINGS
- STORM WATER DRAIN
- WATER SUPPLY LINE
- SEWER LINE
- EXISTING RAIN WATER HARVESTING
- RWH
- MANHOLE

Dr. K.S. KARDAM
Sr. Archt. & Civil Engrg. & Design
Govt. of NCT of Delhi
(Capacity of Government Engrg. & Design)
B-10, Connaught Place, New Delhi-110028

URMIMALA GUHA
ARCHT.
CA REGD. No. CA/82/6795
ARCHITECT'S SIGNATURE

MINISTRY OF COMMERCE
GOVERNMENT OF INDIA

EXTENSION OF INTELLECTUAL
PROPERTY OFFICE BUILDING
AT SECTOR 14, DWARKA, NEW DELHI

SCALE 1:300 DATE 25.03.2014

COMPLETION DRAWINGS
SITE PLAN

DRAWING NO. AX-1004/AR/CD-01

NATIONAL BUILDINGS CONSTRUCTION
CORPORATION LTD. NEW DELHI
ISO 9001

20

APPENDIX 'H'
FORM-I
DELHI DEVELOPMENT AUTHORITY
(BUILDING SECTION)

C-I Block, 1st Floor,
Vikas Sadan, INA
New Delhi

File No.: F13(46)2003/Bldg./

Date: 12
*Encl. No.
*ated 11-08-14
*ent of the Building Section D.D.

To

✓ The Dy. Controller of Patent Design,
Ministry of Commerce & Industry
Patent Office, Boudhik Sampda Bhawan
Plot No. 32, Sector-14, Dwarka, New Delhi.

COMPLETION CUM OCCUPANCY CERTIFICATE

With reference to your notice of part completion dated 23.03.2010, I hereby certify that the building as per description below certified plans of Intellectual Property Office Building for Controller of Patent Design & Trade Mark of Ministry of Commerce & Industry, Govt. of India, Plot No. 32, Sector-14, Dwarka, whose plans were sanctioned vide No. F13 (46)2003/ Bldg./10 dated 12.01.2004 has been inspected with reference to Building Bye-Law in respect of the structural safety, fire safety, hygienic and sanitation conditions inside and in the surroundings and is declared fit for occupation.

The structural stability of the building is based on the certificate given jointly by the Owner/Architect/Structural Engineer along with one set of structural Drawings, incorporating therein the provisions of structural Safety as per specified in the relevant prevailing IS Codes/ Standards/ Guidelines stated in the Government of India Notification bearing No. SO-248(E) dated 21.3.2001. For the fire safety the same has been based on the clearance given by the Chief Fire Officer, Government of NCT of Delhi. The DDA shall not have any responsibility for any loss caused to the building from any natural hazard calamity. This is subject to adherence and compliance of conditions required in Annexure "A" enclosed.

Part Completion Certificate is issued for **Ground Floor + First Floor + Second Floor + Third Floor & Terrace** as per enclosed drawings with a total FAR achieved is 25.01 (5565.30 sqmt).

Encl: As above.

4
(KARMJIT SINGH) 8/8/14
Dy. Director (Bldg.) L&I
FOR VICE CHAIRMAN
DDA
In charge

Copy to:-

1. CFO, Delhi Fire Service, Headquarters, New Delhi.
2. Chief Engineer (Dwarka), DDA, Dwarka Zone, New Delhi.
3. Dy. Director (IL), DDA.
4. Building Section File.
5. Record File

/

Dy. Director (Bldg.) L&I
FOR VICE CHAIRMAN
DDA

सू. प्रैस-जाय 981-3 किताबें प्रत्येक में 100 X 4-2-3-7000

परिशिष्ट 'अ'

"नजफगढ़ क्षेत्र"



प्रपत्र-1

(उपविधि सं० 7, 6)

दिल्ली नगर निगम

967

पत्र संख्या सं० 93/CL/EE(B) NG 2/14
तकशा सं० 13(46) 2003 / Bldg. No 16-4-12

क्रमांक 20-8-2015
दिनांक

श्री/श्रीमती/कुमारी Dr. K.S. Karsalem, Jt. Controller of Patents & Design.
The Controller General of Patents M/o Commerce & Indus.
(Govt. of India) Badlika Bhowan, Dwarka.

आपकी समापन सूचना दिनांक 29/3/14 के संदर्भ में मैं एतद् द्वारा प्रमाणित करता हूँ कि प्लॉट सं० 32 ब्लॉक सं० Sector-14, Dwarka स्थान में निर्मित भवन का, जिसका विवरण नीचे दिया गया है तथा जिसके तकशे क्रमांक 13(46)/2003 / Bldg. No 16-4-12 द्वारा स्वीकृत किये गये थे, भवन उपविधियों के सुन्दर में तथा निर्माण सम्बन्धी सुरक्षा, अग्नि सुरक्षा, उसके अन्दर तथा बाह्य-बाह्य की सुफाई की स्थिति के सम्बन्ध में निरीक्षण किया गया और उसे अधिभोग के योग्य घोषित किया जाता है।

निर्माण का विवरण

निचली मंजिल

1. Entry Lobby-1
2. Office Area-2
3. AHU Room-2
4. Toilet - 8
5. Stairs - 8
6. Lift Lobby-1
7. Electric Room

8.

9.

10.

दूसरी मंजिल

1.

2.

3.

4.

संलग्न : प्रमाणित समाप्ति प्लान की प्रतिलिपि

पहली मंजिल

1. Lift Lobby - 1
2. Office Area for examination-2
3. AHU Rooms - 3
4. Electric Room - 1
5. Toilet - 6
6. Stairs - 3

7.

8.

9.

10.

बैरसाती मंजिल (Basement)

1. Parking Area - 1
2. Fan Room - 2
3. Compactor for ISA-1
4. Compactor Room - 1
5. Compactor Room for TMR-1
6. Stairs - 6
7. Lift Lobby-4

हर्षे प्रायुक्त
दिल्ली नगर निगम

*Ex. Engineer (Build.)
S.D.M.C. Najafgarh Zone.

OFFICE OF THE EXECUTIVE ENGINEER (P) W-I
DELHI JAL BOARD - GOVT OF NCT OF DELHI
VARUNALAYA PHASE-I: KAROL BAGH :NEW DELHI

No. F₆ (400)/E.E.(P)W-I/2004/1115

02-02-05
Dated 2-2-2005

To, Project Manager (P.H.E)
N.B.C.C. Ltd.
N.B.C.C. Bhawan, Lodi Road
New Delhi.
Subject: Water Supply Scheme for Intellectual property office
building at Sector 14 DWARKA.

Water Supply Scheme for the above area received vide your letter No. your office
letter No. PD/1 PO, DWARKA 22 dated 05-03-04 has been
scrutinized in this office and is approved subject to the compliance of the special
conditions and general conditions added with it.

Encl.:- One copy of approved plan, design calculations and conditions.

Copy to:-

1. S.E.(P)W for kind information please.
2. S.E. (P)Dr. -- Do --
3. Chief Fire Officer, Connaught Place, New Delhi -- Do --
4. Executive Engineer(W) zone along with one copy of the approved
drawing, design set complete for necessary action.


E E (P)W-I


E E (P)W-I

OFFICE OF THE CHIEF ENGINEER (P.W.)
DELHI JAL BOARD, GOVT. OF NCT OF DELHI
HEANDWALA, PHASE I, NEW DELHI-110005

No.

CE/PW/17504

Date:-

SPECIAL CONDITIONS

Subject: - Approval of Dual Water Supply Scheme/Water connection for Int. Collect and
property office building at DWARKA Sector 14
DWARKA

1. This approval is for dual piping system for supplying water for drinking purpose as well as domestic purposes separately in compliance to the circular no. CE (Dwarka) 26(18)03/WS/43 dated 07.03.2003 issued by Chief Engineer (Dwarka) subject to the obligations complied by D.D.A.
2. Total water requirement of the area will be restricted to 10155 m³ per day (gpd)
3. As per proposed water demand and layout plan the height of construction i.e. no. of stories shall be restricted to four stories
4. Two separate underground reservoirs of 17,000 liters capacity for drinking purpose and 34,000 liters capacity for other domestic purposes will be constructed at a safe distance from each other to cater to the two supplies. Workable arrangements shall be provided to inter connect the two when sufficient potable water from Delhi Jal Board is available. The top water level (T.W.L.) will be kept below the ground level but top of underground reservoirs should be at least 30 cm. above the normal G.L.
5. Pumps of adequate capacity & head shall be provided with 100% standby arrangement so that water may reach up to the desired head. In addition alternate arrangement of diesel pump may also be made so that the same can be used at the time of electricity failure.
 - a. Only one pump house shall be constructed in such a way that it can cater to both the water supply network
 - b. The water for drinking and cooking will be supplied in the morning and evening. The pump shall be designed in such a way that the drinking water is made available for one and half hour in the morning and one and half hour in the evening
 - c. The domestic water will be supplied in WC and baths through overhead tank/separate overhead tank at the roof. The pump for the domestic water will supply the water three hours in the morning and three hours in the evening.
6. The water supply services including underground reservoirs and piping arrangements shall be maintained by the developing agency and will not be taken over by this department.
7. There is acute shortage of filtered water in the area and as such it will not be possible to provide the same at present. The developing agency shall not claim demand water till such time the raw water is made available to this Deptt. by the neighbouring states and construction of water treatment plant, transmission water lines, reservoirs etc. is completed and the same are commissioned, for the area.

The developing agency shall construct tubewell and install motors and pumps of required capacity to meet their remaining water demand at their own

Drinking water shall be given tested from the Director, Planning and Quality Control of this Deptt. to ascertain the suitability of ground water for drinking purposes. All the development works be carried out only after ensuring the availability of potable water in required quantity, to avoid drinking water problems at a later stage. Permission if required from C.G.W.A. C.G.W.B. shall be taken by developing agency at its own and D.J.B. shall not be responsible for the same. When drinking water is made available in the area by this deptt. the developing agency shall apply for getting the approval of water connection from the office of Executive Engineer (Planning)/Water-I.

- Competent authority**
8. ~~Executive Engineer (W)~~ Zone will allow water connection for drinking purpose only with mm dia ferrule size 'T' connection with mm dia communication pipe up to the ground reservoir/point marked on the approved plan from 450 mm dia C.I. peripheral water main of command tank no 5 of DWARKA. For balance demand alternate arrangements have to be made by developing agency.
 9. A suitable dia bulk water meter shall be installed near the tapping point in consultation with Executive Engineer of concerned Zone at the cost of the developing agency.
 10. The connection and the communication pipe will be laid by the developing agency at their own cost.
 11. The developing agency ~~will deposit~~ has deposited amount of Rs. 13,65,593/- towards the cost of INFRASTRUCTURE FUND. The cheque is to be drawn in favour of Delhi Jal Board.
 12. Approval is subject to the provision of storm water and sewage disposal arrangement has to be got approved from S.E.(P)DR. of this deptt.
 13. All corrections made on plan and design calculations etc. i.e. approved documents shall be strictly adhered to.
 14. Internal arrangement shall be done & maintained by developing agency.
 15. All the general conditions attached shall be strictly followed at the time of execution.
 16. This approval is subject to the condition that the concerned Chief Engineer , D.D.A. shall give an undertaking that the following condition shall be included in the sale/conveyance deed for each commercial plot with immediate effect.

Each plot holder shall earmark location of G.R./B.P. station within his plot/basement and it shall be his sole responsibility to construct G.R. and B.P. Station to supply water to all the floor in his complex. DDA/MCD will supply water at ground level only. (The similar action has been taken by CE(N2) vide his letter No. F-1(30)EE(PI)/N/SE(P)III/24 dated 26.2.57)
 17. The individual plot holder shall have to get his internal water supply scheme approved with UG & boosting arrangements and the same shall continue to be maintained by the plot holder/DDA.
 18. Only C.I. pipe of class LA and DI pipe of class K7 shall be laid as per relevant IS Code with rubber ring joints.
 19. No overhead tank is required to be placed on the terrace for supplying of drinking water. Water for drinking and cooking will be supplied in kitchen and pantry. This water can be stored individually as required by the consumers.
 20. The water for drinking and cooking purposes will conform to the desired limit specified in IS Code 10500. The domestic water supply shall be through ~~hand-pumped~~ borewell and shall conform to extended limit of IS Code 10500. The testing of the water from the ~~borewell~~ borewell shall be mandatory. The testing will be done at least three times in a year preferably in January, May and September.
 21. Where the quality of the ground water is beyond the extended limit of the IS 10500 then this water can be used only for the flushing when there is no other alternative source of water.
 22. No identification will be required for the peripheral Water Supply Line if the pipes for different material are used for drinking and domestic purpose. In case same type of pipe is used for drinking as well as for domestic water then colour

band shall be marked at every 5 mtr. in all buried and exposed pipes and for this purpose the drinking water line will be marked with blue colour and domestic water line with green colour.

23. The D.D.A. is to get affected the necessary amendments in BIS/NBC at their own.

24. As the saline water may corrode the pipe line. The following piping material may be considered for domestic / drinking water supply in place of G.I. pipe (for service connection & internal fittings)

(a) Poly Vinyl chloride (unplasticized) ----- PVC (U)

(b) HDPE

(c) Poly Propylene (Random copolymer) ----- PP (R)


(d) Chlorinate Poly Vinyl chloride ----- PVC (C)

(e) Multi Layered Piping

(Aluminium sandwiched between layers of Poly Ethylene)---PE/Al/PE.

All the materials must be rated for potable water and for designed working pressure and temperature as per relevant IS Code.

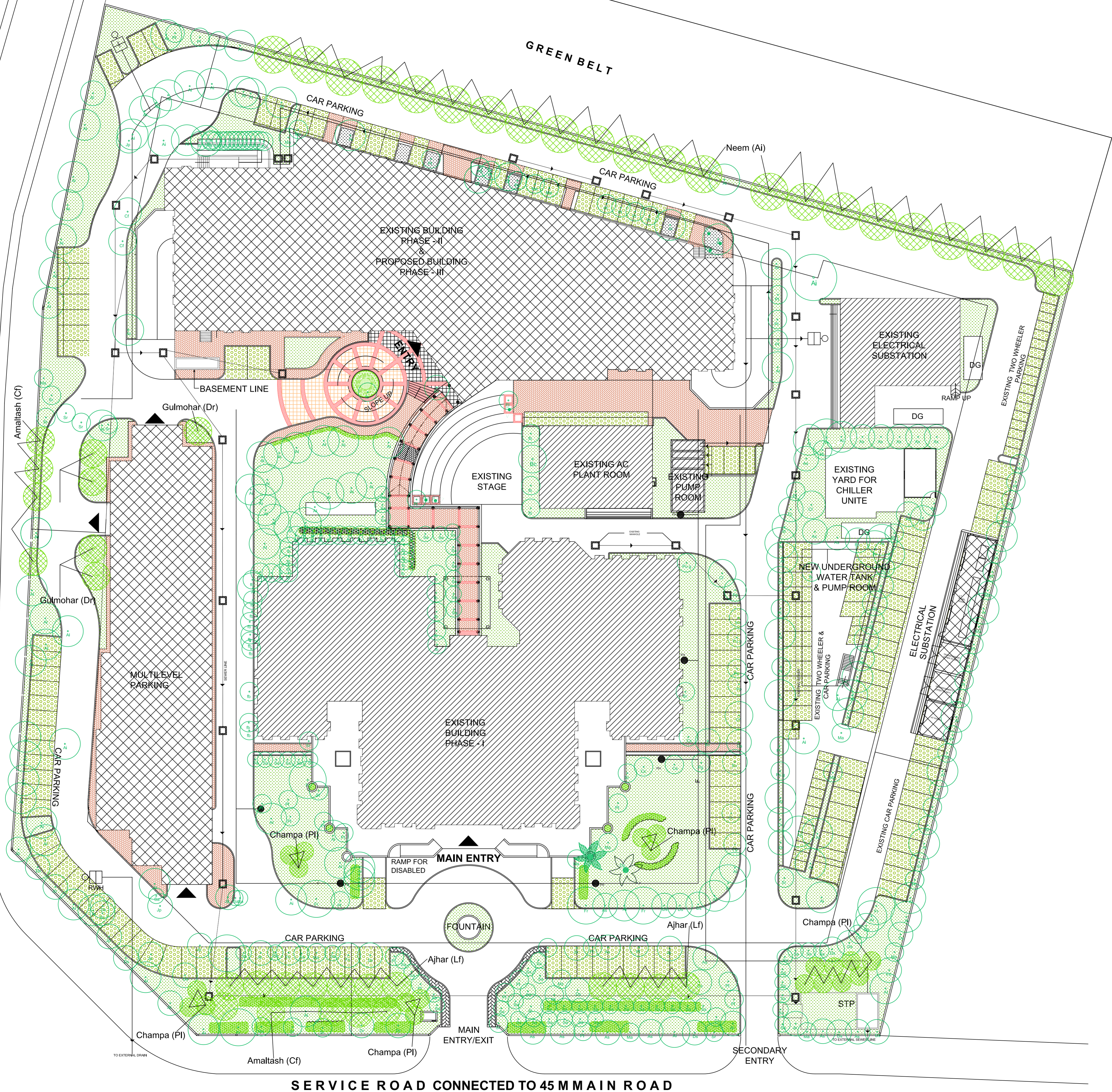
25. Developing agency shall install Rain Water Harvesting system for recharging the ground water as per D.J.B. norms.


EXECUTIVE ENGINEER (P) W-I

30 M WIDER ROAD

COVERED DRAIN

COVERED DRAIN



SCHEDULE OF EXISTING TREES

| TREES | SL. NO. | BOTANICAL NAME | COMMON NAME | PLAN. C/C DIST |
|-------|---------|--------------------|----------------|----------------|
| | 1 | Alstonia scholaris | Saptaparni | 4.0 |
| | 2 | Azadirachta indica | Neem | 5.0 |
| | 3 | Bombax ceiba | Silk cotton | 4.5 |
| | 4 | Carissa carandas | Karanda | 3.0 |
| | 5 | Cassia fistula | Amaltash | 4.5 |
| | 6 | Citrus X sinensis | China lemon | 3.0 |
| | 7 | cycus revoluta | Palm | 1.5 |
| | 8 | Dalbergia sissoo | Sisam | 4.0 |
| | 9 | Date palm | Khajoor | 3.0 |
| | 10 | Delonix regia | Gulmohar | 4.0 |
| | 11 | Ficus benjamina | Weeping fig | 3.0 |
| | 12 | Ficus carica | Anjeer | 4.0 |
| | 13 | Ficus religiosa | Pipal | 6.0 |
| | 14 | Java plum | Jamun | 4.0 |
| | 15 | Mangifera indica | Mango | 4.0 |
| | 16 | Manilkara zapota | Chiku | 4.0 |
| | 17 | Morus alba | White mulberry | 3.0 |
| | 18 | Nerium oleander | Kaner | 1.5 |
| | 19 | Plumeria | Champa | 3.0 |
| | 20 | Psidium guajava | Guava | 3.0 |
| | 21 | Punica granatum | Pomegranate | 3.0 |
| | 22 | Saraca asoca | Ashoka | 1.5 |
| | 23 | Shorea robusta | Sal | 3.0 |
| | 24 | Tecoma stans | Yellow bell | 1.5 |
| | 25 | washingtonia | Fan palm | 3.0 |
| | 26 | Bauhinia variegata | Kachnar | 3.0 |
| | 27 | Pongamia pinnata | Pongam tree | 3.6 |
| | 28 | Unnamed | - | 3.0 |

| LEGEND | |
|--------|--------------------|
| | EXISTING TREE |
| | GROUND COVERS |
| | GRASS GRID PAVERS |
| | INTER LOCK TILES |
| | PROPOSED BUILDINGS |
| | EXISTING BUILDING |
| | GRASS |
| | RED SAND STONE |
| | PROPOSED TREE |

SCHEDULE OF PROPOSED TREES

| SL. NO. | BOTANICAL NAME | COMMON NAME | PLAN. C/C DIST |
|---------|---------------------------|-------------|----------------|
| 1 | Azadirachta indica | Neem | 5.0 |
| 2 | Cassia fistula | Amaltash | 4.5 |
| 3 | Delonix regia | Gulmohar | 4.5 |
| 4 | Plumeria | Champa | 3.0 |
| 5 | Lagerstroemia Fiosreginae | Ajhar | 4.5 |

| SHRUBS | S1 | Jatropha Pandureifolia | Jatropha | 1.5M |
|---------------|-----|---------------------------|----------------------|-------|
| | S2 | Hibiscus (SPP) | Hibiscus | 0.6M |
| | S3 | Euphorbia Pulcherrima | Poinsetia | 1.5M |
| | S4 | Nerium Oleander | Kanher | 1.2M |
| | S5 | Lawsonia Alba | Mehendi | 1.0M |
| | S6 | Tabernaemontana Coronaria | Chandni | 1.0M |
| | S7 | Areca Palm | Palms | 0.6M |
| | S8 | Acalypha (SPP) | Acalypha | 0.6M |
| | S9 | Duranta (SPP) | Goldenduranta | 0.45M |
| CLIMBERS | C1 | Bougainvillea | Bougainvillea | 3.0M |
| | C2 | Vernonia | Curtain | 2.5M |
| | C3 | Jasminum Grandiflorum | Creepers | 2.0M |
| | C4 | Bignonia Venusta | Jasmine | 2.0M |
| GROUND COVERS | GC1 | Lantana Depressa | Dwarf Lantana | |
| | GC2 | Tradescantia Flumensis | Tradescantia | |
| | GC3 | Tricolour | Alternanthera | |
| | GC4 | Alternanthera | Wedelia | |
| | GC5 | Wedelia Trilobata | Seasonal Flower Beds | |
| LAWNS | L | Doob Grass | Grass | |

MINISTRY OF COMMERCE
GOVERNMENT OF INDIA

EXTENSION OF INTELLECTUAL
PROPERTY OFFICE BUILDING
AT SECTOR 14,DWARKA,NEW DELHI

SCALE 1:300

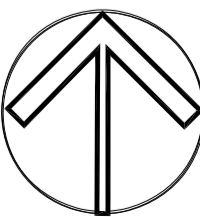
DATE :AUGUST 2019

LANDSCAPE PLAN

DRAWING NO. Ax-1801/LA- 03



NATIONAL BUILDINGS CONSTRUCTION
CORPORATION (I) LTD. NEW DELHI
ISO 9001



The Controller General of Patents & Trade mark
Ministry of Commerce and Industry

FORM I

For

Environmental Clearance

Of

Expansion of Intellectual Property Office
Building
Sector – 14, Dwarka, Delhi

SUBMITTED TO:

EAC, Ministry of Environment, Forest & Climate change
Indra Prayawaran Bhawan, Jor Bhag Road, New Delhi

SUBMITTED BY:

The Controller General of Patents & Trade mark
Department of Industrial Policy & Promotion
Ministry of Commerce & Industry

GOVT.OF INDIA

EIA Consultant:

Dr A.K.Gupta of Shri Environmental Technology Institute, Delhi

FORM- I

Basic Information

| S. No. | Item | Details |
|--------|--|--|
| 1. | Name of the project/s | Expansion of INTELLECTUAL PROPERTY OFFICE (Baudhik Sampada Bhawan) , Ministry of Commerce & Industry |
| 2. | S. No. in the schedule | 8'A' |
| 3. | Proposed capacity/area/length/tonnage to be handled/command area/lease area/number | <p>Existing Phase I Existing Building (A) =2587.09+2198.68=4785.77 SQM (G+1) +(Basement)= 512.83 SQM=5298.6 SQM</p> <p>Phase II Existing building (B) = 5565.30 (G+3)</p> <p>Phase III Proposed Expansion on (A) = 11992.9SQM (Second to 7th floor) FAR</p> <p>FOR EC Total Proposed FAR of Phase I , II, III = 22305.22 SQM</p> <p>Multilevel parking & Services Buildings & Non FAR Areas = 11808.14</p> <p>Total Built –up = 34113.36 sqm</p> |
| 4. | New/Expansion/Modernization | NEW |
| 5. | Existing Capacity/Area etc. | NA |
| 6. | Category of Project. i.e.' A' or 'B' | 'B' |
| 7. | Does it attract the general condition? If yes, Please specify. | No |
| 8. | Does it attract the specific condition? If yes, Please specify. | NA |
| 9. | Location | Dwarka |
| | Plot/Survey/Khasra No. | Sector 14 |
| | Village | - |
| | Tehsil | - |
| | District | South West Delhi |

| | | |
|-----|---|---|
| | State | Delhi |
| 10. | Nearest railway station/airport along with Distance in kms. | Shahabad Mohammad pur Railway station – about 6 KM Dwarka sec 14 Metro Station about 0.5 km IGI Airport about 10 Km |
| 11. | Nearest Town, city, District Headquarters Along with distance in kms. | Delhi |
| 12. | Village Panchayats, Zilla Parishad, Municipal Corporation, Local body (complete postal Addresses with telephone nos. to be given) | South Delhi Municipal Corporation, Office of the Executive Engineer, Building Department, Nazafgarh Zone, Nazafgarh Dhansa Road, New Delhi 110043 Phone : 011 28018818 |
| 13. | Name of the applicant | The Controller General Of Patents, Design & Trade Mark, Ministry of Commerce & Industry, Govt. of India |
| 14 | Registered Address | Plot No. 32, Sector 14, Dwarka, New Delhi 110076 |
| 15. | Address for correspondence | Intellectual Property Office Building, Boudhik Sampada Bhawan Plot No. 32, Sector 14, Dwarka, New Delhi 110076 |
| | Name | Dr K.S Kadam |
| | Designation (Owner/Partner/CEO) | Sr. Joint Controller |
| | Address | Baudhik Sampada Bhawan ,Plot No. 32, Sector 14,Dwarka ,New Delhi 110075 |
| | Pin Code | 110076 |
| | E-mail | kardam.ks@nic.in |
| | Telephone No. | 01125300202 |
| | Fax No. | 01128034301 |
| 16. | Details of Alternative Sites examined, if any. Location of these sites should be shown on a topo sheet. | Planned site |
| 17. | Interlinked Projects | No |
| 18. | Whether separate application of interlinked Project has been submitted? | No |
| 19. | If yes, date of submission | No |
| 20. | If no, reason | NA |

| | | |
|-----|--|------------------------|
| 21. | Whether the proposal involves approval/clearance under; if yes, details of the same and their status to be given. (a) The forest (Conservation) Act, 1980? (b) The wildlife (Protection) Act, 1972? (c) The C.R.Z. Notification, 1991? | No |
| 22. | Whether there is any Government Order/Policy Relevant / relating to the site? | As per the master plan |
| 23. | Forest land involved (hectares) | No |
| 24. | Whether there is any litigation pending against the project and for/or land in which the project is propose to be set up? (a)Name of the Court (b)Case No. (c) Orders/directions of the Court, if any and its relevance with the proposed project | No |

(II) Activity

1. Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies, etc.):

| S. No. | Information/Checklist confirmation | Yes/No | Details there of (with approximate quantities /rates, wherever possible) with source of information data |
|--------|---|--------|--|
| 1.1 | Permanent or temporary change in land use, land cover or topography including increase in intensity of land use (with respect to local land use plan) | No | The project has been approved by the DDA; Hence no land use change is envisaged. |
| 1.2 | Clearance of existing land, vegetation and buildings? | No | Extension of existing Office complex, Sector 14, Dwarka, |
| 1.3 | Creation of new land uses? | No | Land was earmarked for the development of o f f i c e Complex |
| 1.4 | Pre-construction investigations e.g. | Yes | Soil Investigation has been done at site. |

| | | | | | | | | | | | | | | |
|---------------------|---|---------------------------------------|---|--|--|---------------------|--|--|-------------------|--|---------------------------------------|------|-----|-----|
| | bore houses, soil testing | | Please refer to the 1.4 of Form1A | | | | | | | | | | | |
| 1.5 | Construction works? | Yes | Proposed construction of a office complex | | | | | | | | | | | |
| 1.6 | Demolition works? | No | No site clearing is required | | | | | | | | | | | |
| 1.7 | Temporary sites used for construction works or housing of construction workers? | No | All the construction activity including stalking of raw materials will be confined within the project site only. Temporary labour hutments are proposed.50 Local labours from nearby area will be hired. Proper sanitation facilities for them will be developed at site. | | | | | | | | | | | |
| 1.8 | Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations | Yes | It is estimated that approx 3000m ³ of soil has to be excavated for foundation and structures etc. | | | | | | | | | | | |
| 1.9 | Underground works including mining or tunneling? | No | No underground works including mining/ tunneling required | | | | | | | | | | | |
| 1.10 | Reclamation works? | No | No reclamation work required. | | | | | | | | | | | |
| 1.11 | Dredging? | No | No Dredging required. | | | | | | | | | | | |
| 1.12 | Offshore structures? | No | No offshore structures required. | | | | | | | | | | | |
| 1.13 | Production and Manufacturing processes? | No | No production/manufacturing process involved. | | | | | | | | | | | |
| 1.14 | Facilities for storage of goods or materials? | Yes | Separate raw material handling yard will be made. Cement will be separately stored under cover in bales. Sand will be stacked neatly under tarpaulin cover. steel will be laid in open. The raw material handling yard will be located within the project site and separated by enclosures. | | | | | | | | | | | |
| 1.15 | Facilities for treatment or disposal of solid waste or liquid effluents? | Yes | <table><tr><td colspan="3">Solid waste:</td></tr><tr><td>Populati-on /Area</td><td>Per capita solid waste generation (kg/day)</td><td>Total solid waste generation(kg/day)</td></tr><tr><td>2200</td><td>0.1</td><td>220</td></tr></table> <p>*(as per CPHEEO Manual of Solid Waste Management) Adequate number of collection bins separate for biodegradable and non-biodegradable waste shall be provided as per the MSW Rule, 2016. Final segregation of solid waste into biodegradable, non-biodegradable, and inert fraction will take place in</p> | | | Solid waste: | | | Populati-on /Area | Per capita solid waste generation (kg/day) | Total solid waste generation(kg/day) | 2200 | 0.1 | 220 |
| Solid waste: | | | | | | | | | | | | | | |
| Populati-on /Area | Per capita solid waste generation (kg/day) | Total solid waste generation(kg/day) | | | | | | | | | | | | |
| 2200 | 0.1 | 220 | | | | | | | | | | | | |

| | | | |
|------|---|----|---|
| | | | <p>centralized collection facility. The non-bio-degradable fraction will take place in centralized collection facility. The rest will be handed over to Municipal Corporation of Delhi.</p> <p>The process of disposal to be through sanitary landfill, composting and incineration depending upon the quality of the refuse. In future emphasis would be laid on solid waste disposal by more scientific method, where the land requirement gets reduced to minimum in consultation with the concerned agencies.</p> <p>A site of about 60 HA for solid waste has been earmarked near Narela – Bawana industrial area phase – II.</p> <p>Liquid Effluent: It has been estimated that approx. 87 .6 KLD of sewage will be generated from the project. The entire sewage will be treated in 100 KLD STP . Approx.44.7 KLD of water requirement will be met through recycling of STP treated water which will be provided by sewage treatment plant of following capacities base on FAB & MBBR /SAFE process for treatment of sewage & sludge water The treated effluent shall be of a quality suitable for flushing & horticulture for external areas.</p> |
| 1.16 | Facilities for long term housing of operational workers? | No | No Facilities for long term office complex of operational workers |
| 1.17 | New road, rail or sea traffic during construction or operation? | No | Not applicable |
| 1.18 | New road, rail, air water borne or other transport infrastructure including new or altered routes and stations, ports, airports etc.? | No | Not applicable |
| 1.19 | Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements? | No | Not applicable |
| 1.20 | New or diverted transmission lines or pipelines? | No | Not applicable |

| | | | |
|------|---|-----|--|
| 1.21 | Impoundment, damming, culver ting, realignment or other changes to the hydrology of watercourses or aquifers? | No | No Impoundment, damming, culverting, realignment or other changes to the hydrology of surface watercourses is proposed. Ground water exploration will be done at site, if permitted by DJB and also the water will be from DJB |
| 1.22 | Stream crossing? | No | Not applicable |
| 1.23 | Abstraction or transfers of water form ground or surface waters? | Yes | During construction phase water from tankers/treated water from DWARKA STP will be used for office Complex. During the project operational stage, water will be supplied by DJB |
| 1.24 | Changes in water bodies or the land surface affecting drainage or run-off? | No | Surface drainage will not be affected. |
| 1.25 | Transport of personnel or materials for construction, operation or de-commissioning? | yes | <p>Transports of personnel/material during the construction and operation phase are envisaged. During the operation phase parking space for</p> <p>TOTAL FLOOR AREA = 22305.22 SQM ECS REQUIRED 1.8 PER 100 SQM, of TOTAL FLOOR AREA 1 ESC = 23 SQM. (OPEN PARKING) PARKING REQUIRED = $\frac{22305.22 \times 1.8}{100} = 401.49$</p> <p>ECS REQUIRED SAY = 401 TOTAL SURFACE PARKING = 145 TOTAL HANDICAPPED PARKING = 4 BASEMENT PARKING = 37</p> <hr/> <p>TOTAL = 186 TWO-WHEELER PARKING (SURFACE) = 37=9 CARS TWO-WHEELER PARKING (BASEMENT) = 16 = 4 CARS TOTAL MULTILEVEL PARKING = 202 CARS TOTAL NO. OF PARKING PROPOSED = 401 CARS</p> |
| 1.26 | Long term dismantling or De commissioning or restoration works? | No | Not applicable |
| 1.27 | Ongoing activity during decommissioning which could have an impact on the environment? | No | Not applicable |

| | | | |
|------|---|----|--|
| 1.28 | Influx of people to an area in either temporarily or permanently? | No | Approx. 50 nos. local labours from near by area will be hired in the construction phase per day. Thus, no influx of people is envisaged. |
| 1.29 | Introduction of alien species? | No | Not applicable |
| 1.30 | Loss of native species or genetic diversity? | No | Not applicable |
| 1.31 | Any other actions? | No | None |

(II) Use of Natural resources for construction or operation of the Project (such as land, water, materials or energy, especially any resources which are non-renewable or in short supply):

| | | | | | | | | | | | | | | | | | | |
|--------|--|--------------------|--|--------|------|--------------------|--|--|--|---|----------|-------|--|--------------|------|-------|--|-----|
| S. No. | Information/Checklist confirmation | Yes/No | Details there of (with approximate quantities /rates, wherever possible) with source of information data | | | | | | | | | | | | | | | |
| 2.1 | Land especially undeveloped or agricultural land (ha) | Yes | Approx.43100 Sq. meter of land has been provided for development of office complex project | | | | | | | | | | | | | | | |
| 2.2 | Water (expected source & competing users) unit: KLD | Yes, | <div>The details of Water Requirement: During the operational phase water will be supplied by DJB for the same and through tankers/treated water from Dwarka STP during construction phase</div> <table><tr><td>S. No.</td><td>Name</td><td>Water Demand (KLD)</td></tr><tr><td></td><td></td><td></td></tr><tr><td>1</td><td>Domestic</td><td>109.5</td></tr><tr><td></td><td>Horticulture</td><td>13.5</td></tr><tr><td colspan="2">Total</td><td>123</td></tr></table> | S. No. | Name | Water Demand (KLD) | | | | 1 | Domestic | 109.5 | | Horticulture | 13.5 | Total | | 123 |
| S. No. | Name | Water Demand (KLD) | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| 1 | Domestic | 109.5 | | | | | | | | | | | | | | | | |
| | Horticulture | 13.5 | | | | | | | | | | | | | | | | |
| Total | | 123 | | | | | | | | | | | | | | | | |
| 2.3 | Minerals (MT) | None | Not applicable | | | | | | | | | | | | | | | |
| 2.4 | Construction material – stone, aggregates, and soil (expected source – MT) | Yes | It will be conventional R.C.C structure as per the design | | | | | | | | | | | | | | | |
| 2.5 | Forests and Timber (source – MT) | None | Not applicable | | | | | | | | | | | | | | | |

| | | | |
|-----|--|------|--|
| 2.6 | Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW) | Yes | The total connected load as per BRPL is calculated to be around say, 2200 KW and after considering diversity etc. the transformer rating shall be 3200 KVA for this office Complex. Power will be supplied by BRPL The emergency purposes backup is provided with DG Sets of Total capacity of 2140 KVA within which, HSD (low Sulphur variety) will be used for DG set, for a total capacity of approx 2000 ltr-HSD/hr consumption. |
| 2.7 | Any other natural resources (use appropriate standard units) | None | Not applicable |

(III) Use, storage, transport, handling or production of substances or materials, which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health.: Paints and Varnish

| S. No. | Information/Checklist confirmation | Yes/No | Details there of (with approximate quantities /rates, wherever possible) with source of information data |
|--------|---|--------|---|
| 3.1 | Use of substances or materials, which are hazardous (as per MSIHC rules) to human health or the environment (flora, fauna and water supplies) | No | This is a office Complex project based on Prefab Technology based Houses & no storage of hazardous chemicals (as per MSIHC Rules) will be done, apart from spent oil, Suitable management practice will be adopted for the same It will be stored in HDPE drums and kept in covered rooms, under lock and key and will be sold to authorized vendors only. Specialized care will be taken to prevent leaks and / or sips. HSD (low sulphur variety) will be used for DG sets. However, the quantity stored will be below the threshold limit specified by the MSIHC Rules. |
| 3.2 | Changes in occurrence of disease or effect disease vectors (e.g. insect or water borne diseases) | No | Suitable drainage and waste management measures will be adopted in both the construction and operational phase which will restrict stagnation of water or accumulation of waste. This will effectively restrict the reproduction and growth of disease vectors. |

| | | | |
|-----|--|------|---|
| 3.3 | Affect the welfare of people e.g. by changing living conditions/ | No | No use, storage, transport, handling or production of any harmful product is envisaged from the proposed project. Thus no major adverse impacts on the human health/ environment are envisaged. Moreover this project will provide employment to approx. 50 local labours in the construction phase and approx. 240 workers in the operational phase. Thus the proposed project is supposed to have major beneficial impacts & environment friendly. |
| | | | |
| 3.4 | Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc., | No | Not applicable |
| 3.5 | Any other cases | None | Not applicable |

(IV) Production of solid wastes during construction or operation or decommissioning (MT/month)

| S. No. | Information/Checklist confirmation | Yes/No | Details there of (with approximate quantities /rates, wherever possible) with source of information data |
|--------|--|--------|--|
| 4.1 | Spoil, overburden or mine wastes | No | No such spoil, overburden or mine wastes will be generated. |
| 4.2 | Municipal waste (domestic and or commercial wastes) | Yes | The details of municipal solid waste generated from the project is estimated as 220Kg/day (as per CPHEEO Manual on Municipal Solid Waste Management) |
| 4.3 | Hazardous wastes (as per Hazardous Waste Management Rules) | Yes | Spent oil from DG sets (approx. 20-25 L/year). This spent oil will be carefully stored in HDPE drums in isolated covered facility. This spent oil will be sold to vendors authorized by DPCC for the treatment of same. Suitable care will be taken so that spills/ leaks of spent oil from storage could be avoided. |
| 4.4 | Other Industrial process wastes | No | Not applicable |
| 4.5 | Surplus product | No | Not applicable |
| 4.6 | Sewage sludge or other sludge from effluent treatment | Yes | STP shall be installed within the site. STP Sludge will be handed over to Municipal Authorities because as will hand over the site after allotment to civic bodies |
| 4.7 | Construction or demolition wastes | No | There is no construction or demolition wastes. |

| | | | |
|------|---------------------------------------|----|----------------|
| 4.8 | Redundant machinery or equipment | No | Not applicable |
| 4.9 | Contaminated soils or other materials | No | Not applicable |
| 4.10 | Agricultural wastes | No | Not applicable |
| 4.11 | Other solid wastes | No | Not applicable |

(V) Release of pollutants or any hazardous, toxic or noxious substances to air (Kg/hr): **Nil**

| S. No. | Information/Checklist confirmation | Yes/No | Details there of (with approximate quantities /rates, wherever possible) with source of information data |
|--------|---|--------|--|
| 5.1 | Emissions from combustion of fossil fuels from stationery or mobile sources | No | Not applicable Not applicable |
| 5.2 | Emissions from production processes | No | Not applicable |
| 5.3 | Emissions from materials handling including storage or transport | No | Not applicable |
| 5.4 | Emissions from construction activities including plant and equipment | No | Not applicable. |
| 5.5 | Dust or odours from handling of materials, sewage and waste | No | Not applicable |
| 5.6 | Emissions from incineration of waste | No | Not applicable |
| 5.7 | Emissions from burning of waste in open air (e.g. slash materials, construction debris) | No | Not applicable |
| 5.8 | Emissions from any other sources | No | Not applicable |

(VI) Generation of Noise and Vibration, and Emissions of Cat-II ht and Heat: From DG Set

| S. No. | Information/Checklist confirmation | Yes/No | Details there of (with approximate quantities /rates, wherever possible) with source of information data |
|--------|---|--------|--|
| 6.1 | From operation of equipment e.g. engines, ventilation plant, crushers | No | Source of noise in the operational phase will be DG sets only. The DG sets will be in operation during power failure only for water supply pumps and will acoustic enclosure. The excess sound pressure level will be perceivable at a distance of 6 m. Beyond this radius no excessive noise level is perceivable over the background noise level. |
| 6.2 | From Industrial or similar processes | No | Not applicable |

| | | | |
|-----|--|-----|--|
| 6.3 | From construction or demolition | No | Due to various construction activities, there will be short-term noise impacts in the immediate vicinity of the project site. The construction activities will include the following noise generating activities: |
| | | | <ul style="list-style-type: none"> ▪ Operation of DG sets, ▪ Excavation etc. activities ▪ Heavy vehicle movement. <p>It has been estimated that during construction period the average noise level will be around 75-80 dB(A) during peak construction hours.</p> |
| 6.4 | From blasting or piling | No | No blasting or mechanized piling will be used in the construction phase. |
| 6.5 | From construction or operational traffic | Yes | Some amount of noise will be generated from vehicular movement in the construction and operational phase. |
| 6.6 | From CAT-II heating or cooling systems | No | Not applicable. |
| 6.7 | From any other sources | No | Not applicable |

(VII) Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea.

| S. No. | Information/Checklist confirmation | Yes/No | Details there of (with approximate quantities /rates, wherever possible) with source of information data |
|--------|---|--------|--|
| 7.1 | From handling storage, use or spillage of hazardous materials | No | Spent oil will be handed with utmost care, it will be stored in HDPE drums stationed over permanent platforms and will be directly transferred to vendors authorized to handle such hazardous material. Hence no risk of contamination is envisaged. |
| 7.2 | From Discharge of sewage or other effluents to water or the land (expected mode and place of discharge) | No | The liquid effluent of 87.6 KLD will be treated in 100 KLD STP |
| 7.3 | By deposition of pollutants emitted to air into the land or into water | No | No major fresh water bodies are located in downward direction. The Sewage discharge will confirms to Surface disposal guidelines of MoEF. |
| 7.4 | From any other sources | No | Not applicable |
| 7.5 | Is there a risk of long term built up of pollutants in the environment from these sources | No | Not applicable |

(VIII) Risk of accidents during construction or operation of the project, which could affect human health or the environment.

| S. No. | Information/Checklist confirmation | Yes/No | Details there of (with approximate quantities /rates, wherever possible) with source of information data |
|--------|---|--------|--|
| 8.1 | From explosions, spillages, fires etc from storage, handling, use or production of hazardous substances | No | This is basically a office Complex construction project and does not involve major hazardous construction activity. During construction all the labours will be provided with suitable personal protective equipment (PPE) as required under the health & safety norms. Training and awareness about the safety norms will be provided to all supervisors and labours involved in construction activity. An agreement will be signed with the contractor which will clearly deal with the safety aspects during construction. No major hazardous waste is being stored within the project site. No industrial or process activity is involved in this project hence chances of chemical hazards and accidents are minimal. However, suitable fire fighting measures will be provided. |
| 8.2 | From any other causes | No | Not applicable |
| 8.3 | Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)? | No | The area under study falls in Zone-IV, according to the Indian Standard Seismic Zoning Map. Suitable seismic coefficients in horizontal and vertical directions respectively, have to be adopted while designing the structures. There are no chances of floods and landslide |

(IX) Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality

| S. No. | Information/Checklist confirmation | Yes/No | Details there of (with approximate quantities /rates, wherever possible) with source of information data |
|--------|--|--------|--|
| 9.1 | Lead to development of supporting. Lities, ancillary development or development stimulated by the project which could have impact on the environment e.g.: | Yes | |
| | 10. Supporting infrastructure (roads, power supply, waste | Yes | Appropriate infrastructure like, roads, power supply, waste |

| | | | |
|-----|---|-----|---|
| | or waste water treatment, etc.) | | management and waste water treatment will be developed within the site so that chances of occurrences of any adverse impacts are minimized. During construction, about 260 skilled, unskilled and professional work force including temporary and permanent employees shall be required. This workforce shall be hired locally in order to generate the employment to the local people. While during the project operation stage for the purposes of day-to-day maintenance works about 40 persons will be employed. Moreover, some more employment will be created as a result of positive induced developed in the immediate vicinity of project site. |
| | 11. housing development 12. extractive industries 13. supply industries 14. other | Yes | Not applicable Not applicable Not applicable |
| 9.2 | Lead to after-use of the site, which could have an impact on the environment | No | Not applicable |
| 9.3 | Set a precedent for later developments | No | Not applicable |
| 9.4 | Have cumulative effects due to proximity to other existing or planned projects with similar effects | No | Not applicable |

(X) Environmental Sensitivity

| S. No. | Areas | Name/ Identity | Aerial distance (within 15 km.) Proposed project location boundary |
|--------|--|------------------|--|
| 1 | Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value | None | Not applicable |
| 2 | Areas which are important or sensitive for ecological reasons – Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests | Najafgarh drain, | Najafgarh drain is located within 1.6 km radius from the project site, |

| | | | |
|---|--|--|---|
| 3 | Areas use by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration | None | Not applicable |
| 4 | Inland, coastal, marine or underground waters | No Coastal/ Marine Area. Ground water is present | There are no coastal or marine areas within 15 km radius of the site. The geology of the area is predominated by quaternary alluvium consisting of clays, occasional kankar, and sand of various grades in different depths form the main aquifer of ground water in the area. |
| 5 | State, National boundaries | Yes | Haryana boundary is within 12 KM radius. |
| 6 | Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas | No | Not applicable |
| 7 | Defense installations | No | Not applicable |
| 8 | Densely populated or built-up area | Yes | The project site is located at Pocket 5, Sector 14, Dwarka, The site is surrounded by Kakruala Village 1.17 Km, Bharat Vihar-0.2 Km, Tara Nagar -0.65Km Kakrola-1.20 Km |
| 9 | Areas occupied by sensitive man-made land uses (hospitals, schools, places or worship, community facilities) | Yes | Hospitals are available in city and Hospital is within 2- 10 km from the site, such as Artemis Hospital -8 Km ,VPS Rockland |

| | | | |
|----|--|------|--|
| | | | Hospital -2.2 Km ,Maharaja Agrasen Hospital 6 Km Ayushmann Hospital -2.2 Km |
| 10 | Areas containing important, high quality or scarce resources (ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals) | None | Not applicable |
| 11 | Areas already subjected to pollution or environmental damage. (those where existing legal environmental standards are exceeded) | No | The ambient air quality results show that PM10, PM2.5, level is as per DPCC on line monitoring system |
| 12 | Areas susceptible to natural hazard which could cause the project to present environmental problems (earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions) | None | The area under study falls in Zone-IV, according to the Indian Standard Seismic Zoning Map. Suitable seismic coefficient in horizontal and vertical directions respectively, has to be adopted while designing the structures. There are no possibilities of the proposed project site getting flooded as per records available. |

"I hereby give undertaking that the data and information given in the application and enclosures are true to the best of my knowledge and belief and I am aware that if any part of data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the project will be revoked at our risk and cost.

Date: 01/07/2019

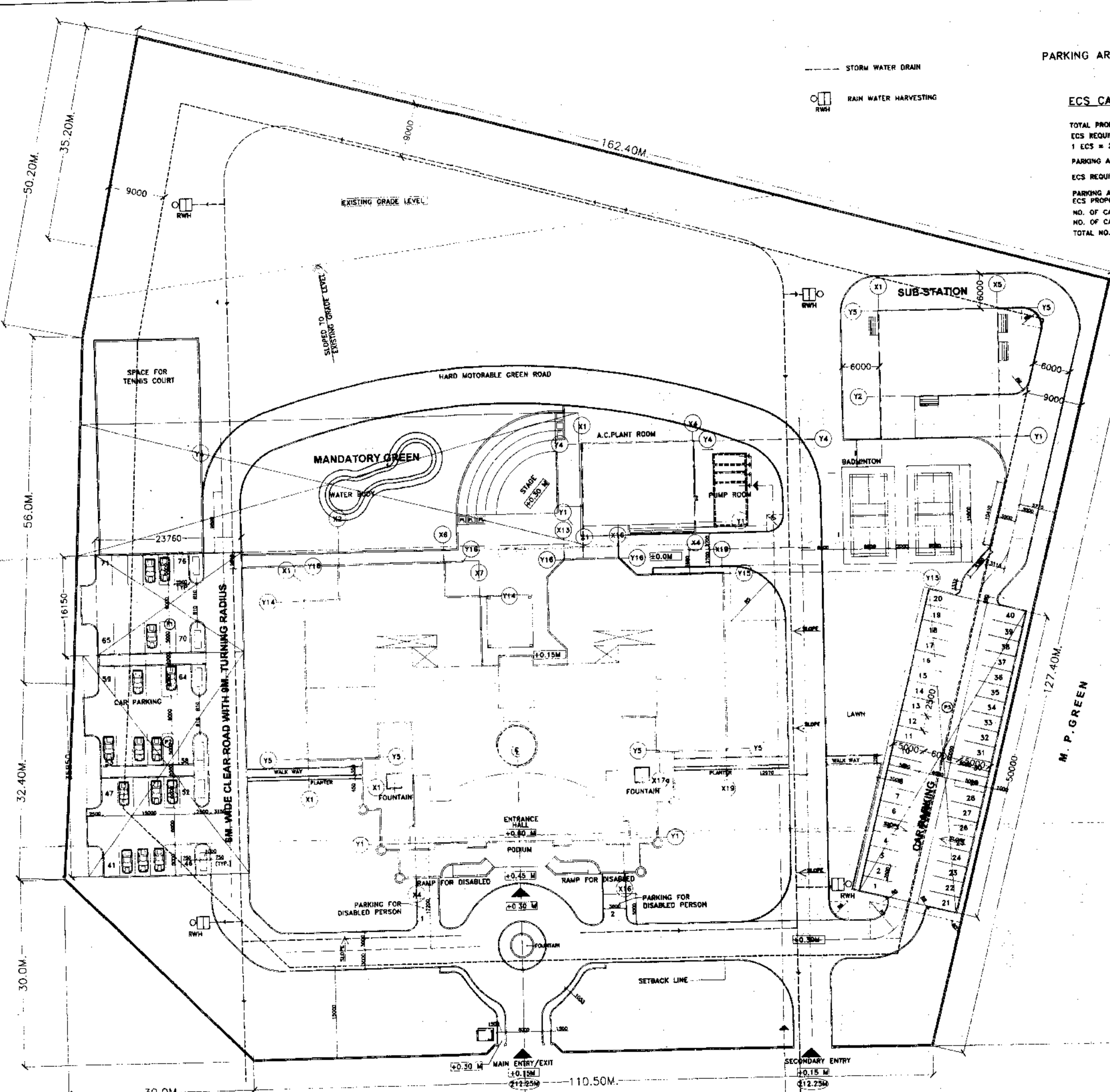
Place: New Delhi.

Signature of the applicant
(Dr. K.S.Kardam)

Sr. Joint Controller,
Patents & Design
Patent Office Delhi,
Boudhik Sampada Bhawan
Plot No. 32, Sector 14, Dwarka, New Delhi 110076

Dr. K. S. Kardam
Sr. Joint Controller of Patents & Designs
भारत सरकार/Govt. of India
एकलप्य कार्यालय/The Patent Office
द्वारका, नई दिल्ली/Dwarka, New Delhi

With Name and Full Address
(Project proponent Authorized Signatory)



PARKING AREA = P1 + P2 + P3 + 1 + 2 (FOR HANDICAPPED)
 = (23.78 x 16.15) + (26.12 x 35.85) + (50 x 16)
 = 2120.126 sqm.

ECS CALCULATION

TOTAL PROPOSED AREA = 5563.3 SQ.M.
 ECS REQUIRED 1.33 PER 100 SQ.M. PROPOSED FLOOR AREA
 1 ECS = 23 SQ.M. (OPEN PARKING)
 PARKING AREA REQUIRED = $\frac{5563.3 \times 1.33}{100} = 74.09$
 ECS REQUIRED = 74.09 / 23 = 3.22
 PARKING AREA PROPOSED = 2120.126 SQ.M.
 ECS PROPOSED = $\frac{2120.126}{23} = 92.17$
 NO. OF CAR PARKING PROPOSED = 78 NOS. (GENERAL)
 NO. OF CAR PARKING PROPOSED = 02 NOS. (HANDICAPPED)
 TOTAL NO. OF CAR PARKING PROPOSED = 80 NOS.

De. Development Authority
 (Building Dept.)
 Completion Plan
 Letter No. P-3(46)23/84
 Dated: 11/08/14
 Asst. Engr. (Bldg) C. S. I.

Prashant Vijay
 11/08/14
 E. PRASHANT VIJAY
 15-1 (886) JDA
 DDA

AREA STATEMENT

| | |
|--|----------------|
| TOTAL AREA OF THE PLOT | 22251.54 SQ.M. |
| PERMISSIBLE GROUND COVERAGE 25% | 5562.88 SQ.M. |
| PERMISSIBLE F A R 150% | 33377.31 SQ.M. |
| (GOVT. LAMOUSE, AS SUCH NO RESIDENTIAL PERMISSIBLE/ ALLOWED) | |
| PERMISSIBLE MAX HEIGHT | 26 M. |

FAR CALCULATION

| | |
|-------------------------------------|--|
| PROPOSED COVD. AREA AT GROUND FLOOR | 2224.85 SQ.M. |
| PROPOSED COVD. AREA AT FIRST FLOOR | 1525.09 SQ.M. |
| PROPOSED COVD. AREA AT SECOND FLOOR | 1040.89 SQ.M. |
| PROPOSED COVD. AREA AT THIRD FLOOR | 776.47 SQ.M. |
| TOTAL PROPOSED AREA | 5565.3 SQ.M. |
| PERMISSIBLE F A R 150% | |
| PROPOSED F A R ACHIEVED | $\frac{5565.3 \times 100}{22251.54} = 25.01\%$ |

GROUND COVERAGE CALCULATION

| | |
|--|----------------|
| OFFICE BUILDING | 2224.85 SQ.M. |
| ELECTRICAL SUB STATION | 256.54 SQ.M. |
| A.C PLANT ROOM | 243.48 SQ.M. |
| PUMP ROOM | 48.675 SQ.M. |
| GUARD POST | 4.5 SQ.M. |
| TOTAL | 2778.045 SQ.M. |
| PERMISSIBLE GROUND COVERAGE (25% OF PLOT AREA) | 5562.885 SQ.M. |
| GROUND COVERAGE PROPOSED | 2224.85 SQ.M. |
| GROUND COVERAGE ACHIEVED | 9.988% |
| MANDATORY GREEN (7.5% OF PLOT AREA) | 1668.86 SQ.M. |
| MANDATORY GREEN PROPOSED | 1717.2 SQ.M. |
| | 7.71% |

OWNER'S SIGNATURE

DR. K.S. KARDAM

ARCHITECT'S SIGNATURE

URMIMALA GUHA

MINISTRY OF COMMERCE & INDUSTRY
 GOVERNMENT OF INDIA

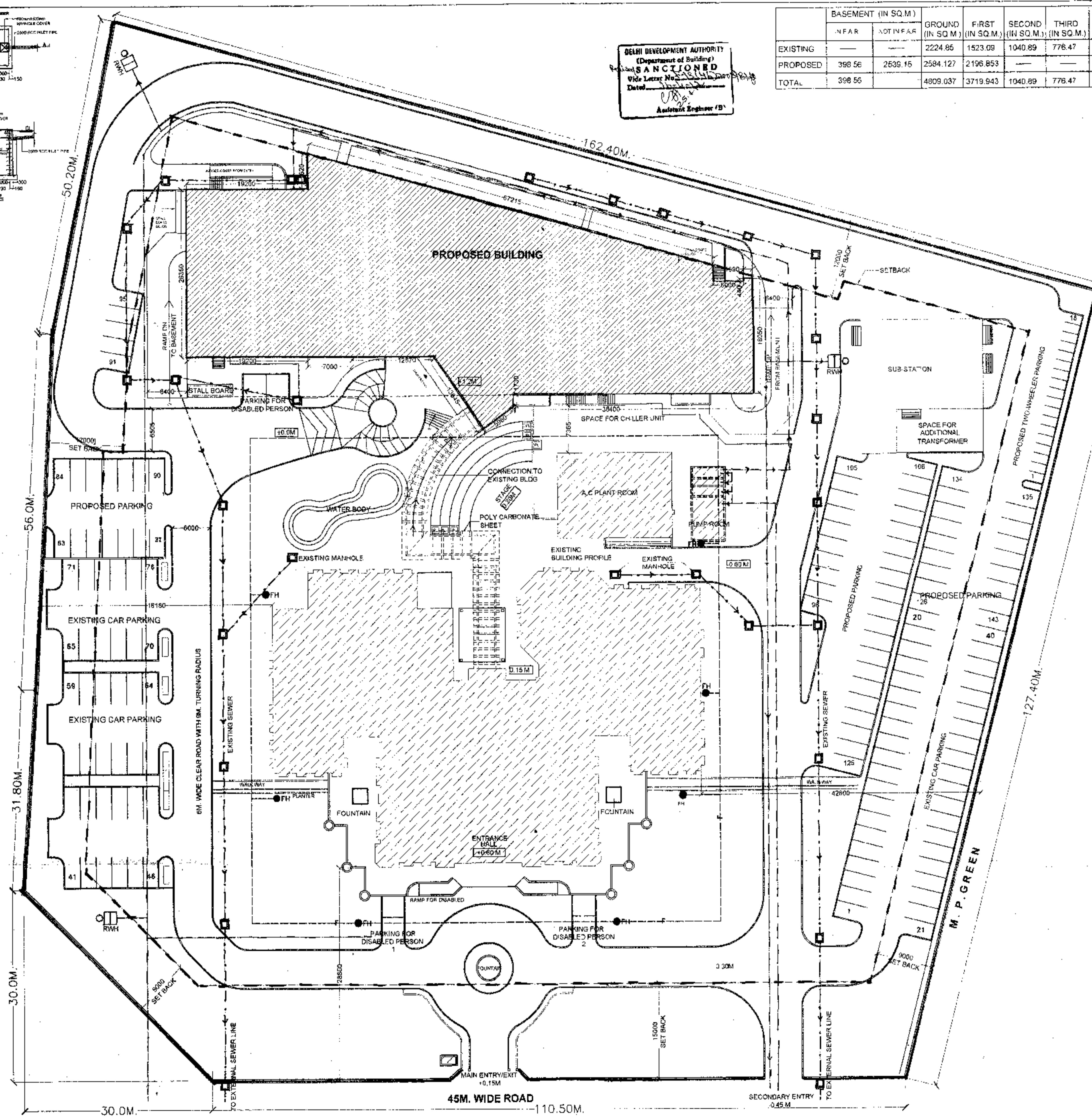
INTELLECTUAL PROPERTY OFFICE
 BUILDING AT PLOT NO.32
 SECTOR 14, DWARKA PHASE II, NEW DELHI

SCALE 1:300 DATE: SEPT. 2010

COMPLETION DRAWINGS
 SITE PLAN & AREA STATEMENTS

DRAWING NO. AX-209/AR/LA/C-01

NATIONAL BUILDINGS CONSTRUCTION CORPORATION LTD. NEW DELHI
 IS O 9001














| <u>AREA STATEMENT</u> | |
|---------------------------------|---------------|
| TOTAL AREA OF THE PLOT | 22251.54 SQM. |
| PERMISSIBLE GROUND COVERAGE 30% | 6675.46 SQM. |
| PERMISSIBLE F A R 200% | 4450308 SQM. |
| PERMISSIBLE MAX HEIGHT | 37 M. |

| FAR CALCULATION | |
|---|---------------------|
| PROPOSED COVD. AREA AT GROUND FLOOR | 2584.187 SQ.M. |
| PROPOSED COVD. AREA AT FIRST FLOOR | 2198.853 SQ.M. |
| PROPOSED COVD. AREA AT BASEMENT FLOOR | 398.59 SQ.M. |
| <u>TOTAL PROPOSED AREA</u> | <u>5179.6 SQ.M.</u> |
| EXISTING COVD. AREA AT GROUND FLOOR | 2224.85 SQ.M. |
| TOTAL GROUND COVERAGE ACHIEVED | 4809.0 SQ.M. |
| GROUND COVERAGE ACHIEVED = $4809.0 / 22251.54 \times 100 = 21.61\%$ | |
| PERMISSIBLE FAR 200% | |
| AREA OF PROPOSED BUILDING (A) = 5179.6 | |
| AREA OF EXISTING BUILDING (B) = 5565.3 | |
| TOTAL AREA (A+B) = 10744.95 Q.M. | |
| FAR ACHIEVED $\% = 10744.9 \times 100 = 48.28\%$ | |
| 22251.54 | |

ECS CALCULATION

| | |
|--|-----|
| TOTAL AREA = 10744.9 SQ.M | |
| ECS REQUIRED 1.8 PER 100 SQ.M. PROPOSED FLOOR AREA | |
| 1 ECS = 23 SQ.M (OPEN PARKING) | |
| PARKING REQUIRED = $\frac{10744.9 \times 1.8}{100} = 193.40$ | |
| ECS REQUIRED = SAY 194 | |
| TOTAL SURFACE PARKING = | 143 |
| TOTAL HANDICAPPED PARKING PROPOSED = | 4 |
| BASEMENT PARKING PROPOSED = | 38 |
| TOTAL = | 185 |
| TWO-WHEELER PARKING (SURFACE) = | 18 |
| TWO-WHEELER PARKING (BASEMENT) = | 12 |

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-  PROPOSED BUILDINGS
 EXISTING BUILDINGS
 STORM WATER DRAIN
 WATER SUPPLY LINE
 SEWER LINE
 FIRE WATER LINE
 FIRE HYDRANT
 EXISTING RAIN WATER HARVESTING
 MANHOLE
 GT

| | | |
|--|--|---|
| <p><i>Urmala</i></p> <p><i>Urmala</i></p> <p>REPORT OF THE ARCHITECT</p> <p>100% of the above mentioned work is done</p> <p>PROJECT OFFICE DELHI</p> <p>DELHI</p> <p>Plot No. 22, Sector 14, Dwarka</p> <p>Delhi - 110014</p> <p>OWNER'S SIGNATURE</p> | <p><i>Urmala</i></p> <p>URMILA GUHA</p> <p>ARCHITECT</p> <p>CAREGID. No. CA/82/6796</p> <p>ARCHITECT'S SIGNATURE</p> | |
| <p>MINISTRY OF COMMERCE</p> <p>GOVERNMENT OF INDIA</p> <p>EXTENSION OF INTELLECTUAL</p> <p>PROPERTY OFFICE BUILDING</p> <p>AT SECTOR 14, DWARKA, NEW DELHI</p> | | |
| <p>SCALE 1:300</p> | <p>DATE : 15.07.2011</p> | |
| <p>STATUTORY SUBMISSION DRAWINGS</p> <p>SITE PLAN</p> <p>DRAWING NO. Ax-1004/ AR/LA-01</p> | |  |
| <p>सर्वोत्तम</p> <p>NBCC</p> | <p>NATIONAL BUILDINGS CONSTRUCTION CORPORATION LTD. NEW DELHI</p> <p>IS 09001</p> | |

The Area available for STP - **200 sq.m**