

**TENDER
FOR
RENOVATION WORK AT R&D BUILDING OF
NATIONAL FEDERATION OF COOPERATIVE SUGAR
FACTORIES LTD.
AT
JASOLA INSTITUTIONAL AREA, NEW DELHI**



NATIONAL FEDERATION OF COOPERATIVE SUGAR FACTORIES LTD.

Ansal Plaza, C-Block, 2nd Floor
August Kranti Marg, New Delhi-110049

Tel. No.: 011.2626 3425/26, 011.2626 3696

Email- nfcfsf.admn@gmail.com Web: www.coopsugar.org

NATIONAL FEDERATION OF COOPERATIVE SUGAR FACTORIES LTD. (NFCSF)
Ansal Plaza, C-Block, 2nd Floor, August Kranti Marg, New Delhi-110049

Ref: 10-20(Reno.)/Tender/2022/ADM/

Date: - 14.07.2022

M/s. -----

**Sub: RENOVATION OF R&D BUILDING OF NFCSF AT PLOT NO-22, POCKET
FC/33, JASOLA INSTITUTIONAL AREA, NEW DELHI-110025.**

Sir,

Tender document in respect of the above mentioned works containing 107 pages as detailed on page 5 (Index) are forwarded herewith. *Please note that tender is to be delivered in the office of the Managing Director, National Federation of Cooperative Sugar Factories Ltd. (NFCSF), Ansal Plaza, C-Block, 2nd Floor, August Kranti Marg, New Delhi-110049 by 21.07.2022 up to 03.00 P.M.*

The Tender should be signed on each page, dated and witnessed in all places provided for in the documents; all other papers should be initialed.

The tender should be accompanied by Earnest Money Deposit in the form of demand draft as mentioned in Appendix. Tenders without earnest money deposit shall be summarily rejected. The technical bid submitted by the parties shall be opened at 3.00 P.M. on 27th July, 2022 in the office of the federation. The price bids of technically qualified parties shall be opened at a later date and the technically qualified parties shall be informed in advance about the opening of their price bid.

The person, signing the tender on behalf of company/firm or on behalf of another person shall attach with tender a certified copy of proper authority/power of attorney on a non-judicial stamp paper of requisite value duly executed in his favor by such person, company/firm and must state specifically that he has authority to sign such tenders for and on behalf of such person or company/firm as the case may be, and in all matters pertaining to the contract including arbitration clause.

This letter shall form part of the **“CONTRACT”** and must be signed and returned along with the tender documents.

Yours faithfully

Encl. : -- Pages 107

**Managing Director
NFCSF, Delhi**

Signature of the Contractor

Tender notice for RENOVATION OF R&D BUILDING OF NFCSF AT PLOT NO-22, POCKET FC/33, JASOLA INSTITUTIONAL AREA, NEW DELHI-110025.

Ref: 10-20(Reno.)/Tender/2022/ADM/

Date: - 14.07.2022

Sealed item rate tenders are hereby invited on behalf of NFCSF Ltd. from experienced Contractors.

S. No.	Name of the work	Earnest Money Deposit (EMD) (Rs)	Completion Time	Issue of Blank Tender Document	Last Date of Submission Tender
1.	RENOVATION OF R&D BUILDING OF NFCSF AT PLOT NO-22, POCKET FC/33, JASOLA INSTITUTIONAL AREA, NEW DELHI-110025.	3.0 Lakhs	09 Months	14.07.2022 To 21.07.2022	21.07.2022 Upto 3.00 PM

1. Blank tender documents (non-transferable) for above work shall be issued from 14.07.2022 to 21.07.2022 on working days from the address given below on payment of required tender fee of Rs. 2000/- (Rupees two thousand only) (non-refundable) in the form of DD/pay order/banker's cheque in favour of "**National Federation of Cooperative Sugar Factories Ltd.**", payable at Delhi. The intending tenderers can also download the complete tender document available on the web site <https://coopsugar.org/> and submit the same along with tender fee, requisite earnest money deposit and supporting documents as per the details provided hereinafter in the tender document by the due date.
2. Intending tenderers should have valid registration with GST/Sales tax/WorksContract tax authorities etc.

3. The intending tenderers should have satisfactorily completed at least one similar nature work of Rs. 2 crores or two similar nature works of Rs. 1.5 crores each or three similar nature works of Rs. 1 crore each during last five years. Similar nature work means civil and interior works i.e. building strengthening work, construction work, civil repairing and maintenance, partition work, wooden work, sanitary work & electrical work, fire fighting work , Air conditioning work etc.
4. Tender documents can be purchased from the office of the **Managing Director, National Federation of Cooperative Sugar Factories Ltd. (NFCSF), Ansal Plaza, C-Block, 2nd Floor, August Kranti Marg, New Delhi-110049** on all working days from 10.30 AM to 03.00 PM except on holidays and Saturdays & Sundays, after payment of requisite tender cost as mentioned above.
5. The tender documents duly completed along with EMD in the form of demand draft/pay order in favour of the “**National Federation of Cooperative Sugar Factories Ltd.**”, payable at Delhi from any Nationalized Bank will be submitted at the office of the **Managing Director, National Federation of Cooperative Sugar Factories Ltd. (NFCSF), Ansal Plaza, C-Block, 2nd Floor, August Kranti Marg, New Delhi-110049** upto 3.00 P M on 21.07.2022. Any tender without EMD shall be summarily rejected.
6. NFCSF reserves the right to reject any or all the tenders without assigning any reason thereof and also not bound to accept lowest tender. Tenders in whom any of the prescribed conditions are not fulfilled or found incomplete in any respect are liable to be rejected.
7. Canvassing whether directly or indirectly in connection with tender is strictly prohibited and the tender submitted by the contractors who resort to canvassing will be liable to be rejected.
8. The technical bid submitted by the parties shall be opened at 03.00 PM on 27.07.2022 in the office of the **Managing Director, National Federation of Cooperative Sugar Factories Ltd. (NFCSF), Ansal Plaza, C-Block, 2nd Floor, August Kranti Marg, New Delhi-110049** in the presence of tenderers who wish to be present. The financial bids of technically qualified parties shall be opened at a later date and the technically qualified parties shall be informed through e-mail only in advance about the opening of their price bid.

**Managing Director
NFCSF, Delhi**

**NATIONAL FEDERATION OF COOPERATIVE SUGAR FACTORIES LTD.
(NFCSF)**

Ansal Plaza, C-Block, 2nd Floor, August Kranti Marg, New Delhi-110049

Ref: 10-20(Reno.)/Tender/2022/ADM/

Date: - 14.07.2022

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INSTRUCTIONS TO TENDERERS

1.0 GENERAL

Tenderers are advised to acquaint themselves fully with the description of work, scope of services, time schedule and terms and conditions including all the provisions of the tender document before framing up their tender.

2.0 SITE PARTICULARS

The work site is situated at R&D building of NFCSF at Plot No-22, Pocket FC/33, Jasola Institutional Area, New Delhi-110025. Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to nature of work, site conditions, means of access to the site etc. Non-familiarity with the site conditions or scope of work will not be considered a reason either for extra claims or for not carrying out the work in strict conformity with the specifications. For site visit and any clarification / information/ assistance, the intending tenderers may contact the **Secretary, National Federation of Cooperative Sugar Factories Ltd. (NFCSF), Ansal Plaza, C-Block, 2nd Floor, August Kranti Marg, New Delhi-110049**. Ph: 011.2626 3425/26

SUBMISSION OF TENDER

- a) The expression “Tender Notice” referred to in the Tender Documents shall be deemed to include any Notice / Letter Inviting Tender with respect to the work forming the subject matter of the documents and vice-versa.
- b) The tender complete in all respects shall be submitted along with Earnest Money as stipulated in the Notice / Letter Inviting Tender ONLY. Tenders without Earnest Money Deposit will be out rightly rejected.

Tenders shall be submitted in two separate sealed envelopes Superscribed as following:

Envelope No-1: The said envelope is for technical bid & shall be superscribed as “Tender for RENOVATION OF R&D BUILDING OF NFCSF AT PLOT NO-22, POCKET FC/33, JASOLA INSTITUTIONAL AREA, NEW DELHI-110025”– Technical Bid”.

ENVELOPE – I (TECHNICAL BID)

Name of work :

Tender no. :

Due date & time of opening :

Addressed to : Managing Director
National Federation of Cooperative Sugar
Factories Ltd. (NFCSF),
Ansal Plaza, C-Block, 2nd Floor,
August Kranti Marg,
New Delhi-110049

From : Name & address of the tenderer

This envelope shall contain the following: -

- EMD of requisite amount in the form of Demand Draft drawn on a scheduled/nationalized bank in favour of 'National Federation of Cooperative Sugar Factories Ltd.' payable at Delhi. Cheque will not be accepted.
- Tenderers who have downloaded the tender document from NFCSF website should also place a Demand Draft of requisite amount drawn on a scheduled/ nationalized bank in favour of "National Federation of Cooperative Sugar Factories Ltd.", payable at Delhi towards tender fee in this envelope. Cheque will not be accepted.
- Details of one work of Rs. 2 crores or two works of Rs. 1.5 crores each or three works of Rs. 1 crore each, executed by the tenderer during last five years, on the basis of which tenderer wishes to get qualified and copies of supporting work orders and completion certificate.
- GST Registration certificate.
- Partnership Deed in case of partnership firm and Articles of Association in case of limited Company.
- Power of Attorney in favour of person who has signed the tender document. In case of company, the authority to sign the tender is to be given under Board resolution.
- The entire tender document except the price bid part with each page duly signed by the tenderer.

NOTE:

1. All the photocopies of the documents enclosed with the technical bid in support of technical eligibility criteria should be signed by the tenderer/ authorized person.
2. The technical bid (Envelope-I) should not contain any financial information related to rates of items etc. The price bid must be submitted in a separate sealed envelope (i.e. Envelope-II).

Envelope No-2: The said envelope is for Financial bid & shall be super scribed as “Tender for “RENOVATION OF R&D BUILDING OF NFCSF AT PLOT NO-22, POCKET FC/33, JASOLA INSTITUTIONAL AREA, NEW DELHI-110025” Financial Bid”.

ENVELOPE – II

(PRICE BID)

Name of work	:	
Tender no.	:	
Due date & time of opening	:	
Addressed to	:	Managing Director National Federation of Cooperative Sugar Factories Ltd. (NFCSF), Ansal Plaza, C-Block, 2nd Floor, August Kranti Marg, New Delhi-110049

From: Name & address of the tenderer:

NOTE: This part shall contain the price bid portion of the tender document mentioning the individual item rates, corresponding amount and total price to be charged by the tenderer for executing the work, complete in all respect. It is to be noted that the sealed envelope containing this part shall contain only **PRICES** and no conditions i.e. deviations / assumptions / stipulations / clarifications / comments / any other request whatsoever. **Any conditional offer will be rejected.** The bigger envelope must be super scribed “**Tender for RENOVATION OF R&D BUILDING OF NFCSF AT PLOT NO-22, POCKET FC/33, JASOLA INSTITUTIONAL AREA, NEW DELHI-110025**”.

Both the envelopes shall be put into an OUTER COVER with name of the party mentioned on it.

Eligibility conditions

Tenderers having following valid documents will be technically qualified and considered for opening of their price bid. Technically qualified parties have no right to claim for award of the work. NFCSF reserves the right to cancel or award the work to any party/tenderers.

- i) Details of one work of Rs. 2 crores or two works of Rs. 1.5 crores each or three works of Rs. 1 crore each executed by the tenderer during last five years.
- ii) Tenderer should have experience in civil and interior works i.e. building strengthening work, construction work, civil repairing and maintenance, partition work, wooden work, sanitary work & electrical work, fire fighting work, Air conditioning work etc. to various organizations.
- iii) Certificate in support of experience for having undertaken this kind of business along with a list of organizations where the Contractor is currently working/carried out the work covered in the tender.
- iv) PAN, GST registration certificate and other statutory registrations if any as applicable.
- v) Self-attested copy of documentary proof as required above must be furnished along with technical bid Part-I and in case the required information and documents with the technical bid are not furnished, the tender shall be rejected. The tenderer shall take into account basic price, cost of labour, T&P, taxes as applicable, conveyance / cartage etc. before quoting the rates.
The tenderer quote the rates in the enclosed “BOQ mentioned in schedule of quantities” in annexure “A” only.

4.0 ABNORMAL RATES

The tenderer is expected to quote rate for each item after careful analysis of costs involved for the performance of the complete item considering technical specifications and conditions of contract. This will avoid a loss of profit or gain in case of curtailment or change of specifications for any item. If it is noticed that the unit rates quoted by the Tenderer for any items are unusually high or unusually low, it will be sufficient cause for rejection of the tender unless the NFCSF is convinced about the reasonableness of the unit rates on scrutiny of the analysis for such unit rate to be furnished by the tenderer on demand. Notwithstanding anything here in stated, the rates once accepted by the NFCSF shall be final and shall not be subject to any change either on account of un-workability of unit rates or on any other ground whatsoever.

5.0 DEVIATIONS TO TENDER CLAUSES:

Tenderers are advised to submit the tender strictly based on the terms and conditions and specification contained in the Tender Document and not to stipulate any deviation. Conditional tenders are liable to be rejected.

6.0 VALIDITY OF OFFER

Tender submitted by tenderers shall remain valid for acceptance for a minimum period of 120 days from the date of opening of the tenders. The tenderers shall not be entitled during the said period of 120 days, to revoke or cancel their Tender or to vary the Tender given or any term thereof, without the consent in writing of the Owner.

7.0 AWARD OF WORK

NFCSF reserves the right to split the job into two or more parts and to award the work to separate agencies/contractors. Work shall be awarded to the lowest tenderer, subject to the work experience and fulfillment of other terms & conditions and specifications.

ACCEPTANCE / REJECTION OF TENDER

- i). NFCSF does not bind itself to accept the lowest tender.
- ii). NFCSF also reserves the right to accept or reject any tender in part or full without assigning any reason whatsoever.
- iii). NFCSF also reserves the absolute right to reject any or all the tenders at any time solely based on the past unsatisfactory performance by the tenderer(s). The opinion/decision of NFCSF regarding the same shall be final and conclusive.

9.0 CORRECTIONS

No corrections or overwriting will be entertained in schedule of rates by using correcting fluid. All correction done without using correcting fluid in the schedule of rate should be signed.

Inconsistencies/ Ambiguities in the price bid (schedule of quantities) shall be dealt with in accordance with the following rules: -

- a) Since this is an Item Rate Tender, only rates quoted shall be considered. Any tender containing percentage below/ above the rates is liable to be rejected.
- b) Rates quoted by the tenderer in figures and words shall be accurately filled in so that there is no discrepancy in the rates written in figures and words. However, if a discrepancy is found, the rates which correspond with the amount worked out by the tenderer shall be taken as correct.
- c) Where the rates quoted by the tenderer in figures and words tally, but the amount is not worked out correctly, the rates quoted by the tenderer shall be taken as correct and not the amount.
- d) Where rate(s) of item(s) has been quoted in figures leaving the words blank or vice versa, but the amount is not worked out as per the rate(s)

quoted, the rates quoted by the tenderer (either in figures or words) shall be taken as correct and not the amount.

- e) In the event no rate has been quoted for any item(s), leaving space both in figure(s), word(s) , and amount blank, it will be presumed that the contractor has included the cost of this/ these item(s) in other items and rate for such item(s) shall be considered as zero and work will be required to be executed accordingly.

11.0 FIRM RATES

The rates quoted by tenderer shall remain firm till completion of all works even during the extended period, if any, on any account what so ever. It may be noted that no deviation on this account will be acceptable and offer not containing firm price shall not be considered.

- 12.0** It will be obligatory on the part of the tenderer to sign the tender documents for all the components & parts. After the work is awarded, he will have to enter into an agreement on proforma to be provided by the NFCSF for work awarded, on a non-judicial stamp paper of requisite value at his own cost within ten days from date of receipt of acceptance order or before the work is undertaken.

- 13.0** Any addendum/ corrigendum issued shall form a part of the tender document. There will not be any press notification on amendment/ corrigendum. The purchasers of the tender document/ the prospective tenderers are required to visit NFCSF website for all such amendments/ corrigenda to this tender document.

- 14.0** The financial bids of the participants which are found to meet all the requirements as specified in the Technical Bid will alone be opened on a date which will be communicated at the appropriate time. Only the authorized representative of the firms will be present during the opening of technical and financial bids.

- 15.0** Complete tender document is available on our website www.coopsugar.org . Any further corrigendum/addendum to this tender document shall be made available only on aforesaid website. It is therefore, requested that the bidders may regularly visit the website for checking any corrigendum/addendum to this document.

- 16.0** All communication with respect to the tender shall be addressed to:

Managing Director

National Federation of Cooperative Sugar Factories Ltd. (NFCSF),

Ansal Plaza, C-Block, 2nd Floor,

August Kranti Marg, New Delhi-110049

E-mail: nfcsf.admn@gmail.com

EARNEST MONEY:-

17.1 The tender should be accompanied by Earnest money of Rs. 3 Lakhs/- (Rs. Three Lakhs Only) in the form of DD/Pay Order/Banker's Cheque in favour of "National Federation of Cooperative Sugar Factories Ltd." payable at Delhi.

17.2 **REFUND OF EARNEST MONEY**

The earnest money of the successful bidder will be converted into initial security deposit. However, the EMD of other bidders will be returned as soon as the work of award of contract is completed by the employer.

17.3 The Earnest Money is liable to be forfeited

- a) If after bid opening during the period of bid validity or issue of letter of Acceptance, whichever is earlier, any tenderer
 - i) Withdraws his tender or
 - ii) Makes any modification in the terms and conditions of the tender which are not acceptable to the employer.
- b) In case any statement/information/document furnished by the tenderer is found to be incorrect or false.
- c) In the case of a successful tenderer, if the tenderer
 - i) Fails to furnish the Security Deposit within the specified period.
 - ii) Fails to commence the work without valid reasons within 10 days after the date of issue of Letter of Acceptance or from the date of handing over of the site, whichever is later.

In case of forfeiture of EMD as prescribed hereinabove, the tenderer shall not be allowed to participate in the retendering process of the work.

**Managing Director
NFCSF, Delhi**

Check List of Documents/Fees etc.

Name of the Tenderer: _____

Sr.No.	Item Required	Response (Yes/No)
1.	Has the tenderer paid the tender document fees in the prescribed form	
2.	Has the tenderer submitted the requisite EMD in the prescribed form along with the technical bid (Envelope-I)	
3.	Have all the pages of the tender document and the supporting documents required to be signed and enclosed with the technical bid by the tenderer / authorized representative of the tenderer been signed and enclosed with the technical bid (Envelope-I)	
4.	Has the authority/ power of attorney been submitted in the name of authorized representative on a non-judicial stamp paper (if applicable).	
5.	Has the tenderer submitted all the required documents in support of technical eligibility criteria.	
6.	Does the technical bid (Envelope-I) contain any financial information pertaining to price bid	
7.	Is the price bid (Envelope-II) submitted separately in a sealed envelope	

SIGNATURE OF THE CONTRACTOR

GENERAL CONDITIONS OF CONTRACT

1. Where the context so requires, words importing the singular only also include the plural and vice versa.
2. NFCSF shall mean 'National Federation of Cooperative Sugar Factories Ltd.' having its head office at 'Ansal Plaza, C-Block, 2nd Floor, August Kranti Marg, New Delhi-110049' and shall include their legal representatives, successors and permitted assigns.

3. Definition

- a) The 'Contract' means and includes the documents forming the tender and acceptance thereof together with the documents referred to therein including the conditions, the specifications, designs, drawing and instructions issued from time to time by the 'NFCSF Representative/s', the formal agreement executed between the NFCSF and the Contractor, and all these documents taken together shall be complementary to one another.
- b) The 'Site' shall mean the land and / or other places on, into or through which work is to be executed under the contract or any adjacent land, path or street which may be allotted or used for the purpose of carrying out the contract.
- c) The 'Contractor' shall mean the individual or firm or company, whether corporate or not, undertaking the works and shall include the legal personal representative or such individual or the persons composing such firm or company and the permitted assignee of such individual or firm or company.
- d) The 'Competent Authority' means the PRESIDENT of NFCSF and his successors.
- e) 'Party' shall mean either 'The National Federation of Cooperative Sugar Factories Ltd.' or the "Contractor, as the case may be. 'Parties' shall mean both of them.
- f) The NFCSF Representative/s means the Officer/s of NFCSF who shall supervise and be the In-charge of the works.
- g) The 'Architect' means the architect appointed by NFCSF as consultant for the Renovation of R&D building of NFCSF at Plot No-22, Pocket FC/33, Jasola Institutional Area, New Delhi-110025
- h) The Managing Director means the officer who holds the charge of that post in the NFCSF during the currency of this agreement, to act on behalf of NFCSF Ltd.
- i) 'IS Specification' means the Specification of latest edition with amendments, if any, up to time of receipt of tender by NFCSF issued

by the Bureau of Indian Standards as referred to in the specifications and / or work orders.

- j) The 'Contract Sum' means the sum agreed, or the sum calculated in accordance with the prices accepted by NFCSF in the tender and / or the contract / negotiated rates payable on completion of the works.
- k) The 'Final Sum' means the amount payable under the Contract by NFCSF to the Contractor for the full and entire execution and completion of works, in time.
- l) The 'Date of Completion' is the date / date(s) for completion of the whole works, set out in the tender documents, or any subsequent amendment by NFCSF.
- m) A 'Week' means seven days without regard to the number of hours worked or not worked in any day in a week.
- n) 'Excepted Risks' are risks due to riots (otherwise than among contractor's employees) and civil commotion (in so far as both these are uninsurable) war (whether declared or not), invasion act of foreign enemies, hostilities civil war, rebellion, revolution, insurrection military or usurped power, Acts of God, such as earthquake, lightening, unprecedented floods and other causes over which the contractor has no control and accepted as such by the Competent Authority or causes solely due to use or occupation by 'NFCSF' of the part of works in respect of which a certificate of completion has been issued.
- o) 'Urgent works' shall mean any urgent measures which in the opinion of the NFCSF Representative, become necessary during the progress of the work to obviate any risk or accident or failure or which become necessary for security.
- p) The 'Works' shall mean the works to be executed in accordance with the contract or part(s) thereof as the case may be and shall include all extra or additional, altered or instituted works or temporary and urgent works as required for performance of the contract.

4. Works to be carried out:

The work to be carried out under the Contract shall, except as otherwise provided in these conditions, include all labour, materials, tools, plant, equipment and transport which may be required in preparation of and for and in the full and entire execution and completion of the works. The descriptions given in the Schedule of Quantities shall, unless otherwise stated, be held, to include wastage on materials, carriage and cartage,

carrying in return of empties hoisting, setting, fitting and fixing in position and all other labour necessary in and for the full and entire execution and completion as aforesaid in accordance with good practice and recognized principles.

5. Inspection of Site:

The Contractor shall inspect and examine the Site and its surrounding and shall satisfy himself before submitting his tender as to the nature of the ground and subsoil (so far as is practicable), the form and nature of the Site, the quantities and nature of works and material necessary for the completion of the Works and the means of access to the Site, the accommodation he may require and in general shall himself obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect this tender. No extra charges consequent on any misunderstanding or otherwise shall be allowed.

6. Sufficiency of Tender:

The Contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates and prices quoted in the Schedule of Quantities, which rates and prices shall except as otherwise provided, cover all his obligations under the contract and all matters and things necessary for the proper completion and maintenance of the Works.

7. Discrepancies and Adjustment of Errors:

The several documents forming the contract are to be taken as mutually explanatory of one another:

7.1(A) In the case of discrepancy between Schedules of quantities the Specifications and / or the Drawings, the following order of preference shall be observed.

- a) Description in Schedule of Quantities.
- b) Particular Specification and Special Conditions, if any.
- c) General Specifications.

7.1(B) If there are varying or conflicting provisions made in any one documents forming part of the Contract, the Accepting Authority shall be the deciding authority with regard to the intention of the document.

7.2 Any error in description, quantity or rate in Schedule of Quantities or any omission there from shall not vitiate the Contract or release the Contractor from the execution of the whole or any part of the Works comprised therein according to drawings and specifications or from any of his obligations under the Contract.

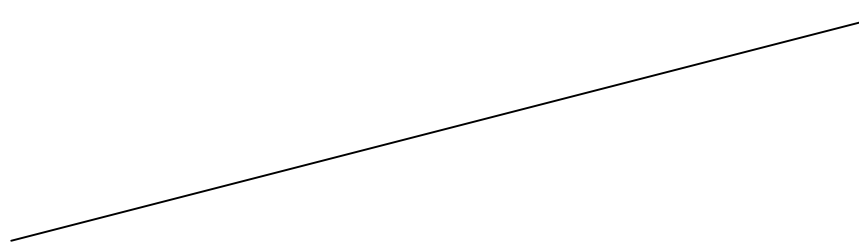
Inconsistencies/ Ambiguities in the price bid (schedule of quantities) shall be dealt with in accordance with the following rules: -

- a) Since this is an Item Rate Tender, only rates quoted shall be considered. Any tender containing percentage below/ above the rates is liable to be rejected.
- b) Rates quoted by the tenderer in figures and words shall be accurately filled in so that there is no discrepancy in the rates written in figures and words. However, if a discrepancy is found, the rates which correspond with the amount worked out by the tenderer shall be taken as correct.
- c) Where the rates quoted by the tenderer in figures and words tally, but the amount is not worked out correctly, the rates quoted by the tenderer shall be taken as correct and not the amount.
- d) Where rate(s) of item(s) has been quoted in figures leaving the words blank or vice versa, but the amount is not worked out as per the rate(s) quoted, the rates quoted by the tenderer (either in figures or words) shall be taken as correct and not the amount.
- e) In the event no rate has been quoted for any item(s), leaving space both in figure(s), word(s), and amount blank, it will be presumed that the contractor has included the cost of this/ these item(s) in other items and rate for such item(s) shall be considered as zero and work will be required to be executed accordingly.

8. Performance Security: SECURITY DEPOSIT:

Total security deposit shall be Rs. 5 Lakhs and shall be deposited/deducted by/from the contractor as following: -

The earnest money deposit of Rs. 3 Lakh shall be converted into initial security deposit. The Contractor will deposit the balance amount of Rs. 2 Lakh within ten (10) days of receipt of the letter of intent/notification of acceptance of the tender by him.



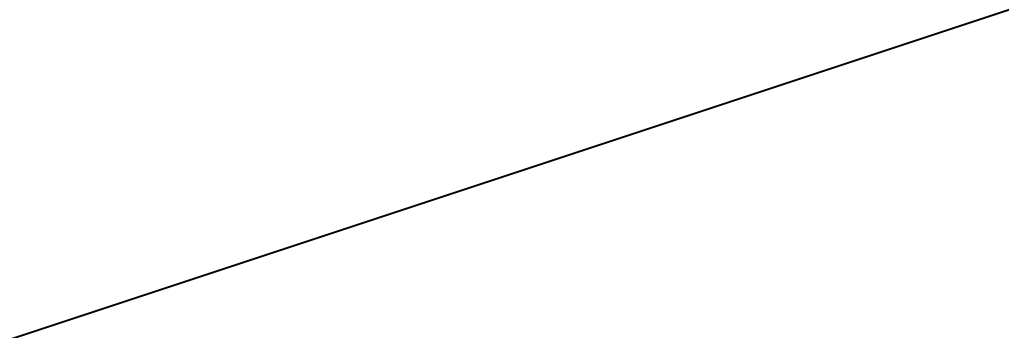
- 8.1 On expiry of the Defects Liability Period NFCSF shall, on demand from the Contractor, refund to him the security deposit provided there is no demand outstanding against the Contractor.
- 8.2 No interest shall be payable to the contractor against the Security Deposit furnished / recovered from the contractor, by the NFCSF.

9. Deviations/Variations Extent & Pricing:

- 9.1 The Managing Director, NFCSF shall have power (i) to make alteration in, omissions; from additions to, or substitutions for the original specification, drawings, designs and instructions that may appear to him to be necessary or advisable during the progress of the work, and (ii) to omit a part of the works in case of non-availability of a portion of the Site or for any other reasons, and the Contractor shall be bound to carry out the Works in accordance with any instructions given to him in writing signed by the Managing Director, NFCSF or his representative and such alterations, omissions, additions or substitutions shall form part of the Contract as if originally provided therein and any altered, additional or substituted work which the contractor may be carried out on the same conditions in all respects including price on which he agreed to do the main work. Any alterations, omissions additions or substitutions ordered by the Managing Director, NFCSF which in the opinion of the contractor changes the original nature of the Contract, he shall carry it out and the rates for such additional, altered or substituted work shall be determined by the Managing Director, NFCSF as per clause 10 (i) to (iii) of the tender document.

The time of completion of the works shall in the event of any deviations resulting in additional cost over the Contract Sum being ordered be extended as follows if requested by the Contractor.

- a) In the proportion which the additional cost of the altered additional or substituted work, bears to the original Contract sum; plus.



- b) 25% of the time calculated in (a) above or such further additional time as may be considered reasonable by the Managing Director, NFCSF.

10. Rates for Extra/Additional Items

- i) If the rate for additional, altered or substituted item of work is specified in the Schedule of Quantities the Contractor shall carry out the additional, altered or substituted item at the same rate.
- ii) If the rate for any altered, additional or substituted item of work is not specified in the schedule of Quantities the rate for that item shall be derived from the rate for the nearest similar item specified therein.
- iii) If the rate for any altered, additional or substituted item of work cannot be determined in the manner specified in sub-paras (i) and (ii) above, the contractor shall within 7 days of the receipt of the order to carry out the said work, inform the Managing Director, NFCSF of the rate which he proposes to claim for such item of work, supported by analysis of the rate claimed, and the Managing Director, NFCSF shall, within one month thereafter, after giving due consideration to the rate claimed by the Contractor determine the rate on the basis of market rate(s). In the event of the contractor failing to inform the Managing Director, NFCSF within the stipulated period of time, the rate which he proposes to claim, the rate for such item shall be determined by the Managing Director, NFCSF on the basis of market rate(s) and shall be final.

11. Suspension of Works:

- a) The contractor shall, on receipt the order in writing of the Managing Director, NFCSF, suspend the progress of the works or any part thereof for such time and in such manner as the Managing Director, NFCSF may consider necessary for any of the following reasons:
 - i) On account of any default on part of the Contractor; or
 - ii) For proper execution of the Works or part thereof for reasons other than the default of the Contractor; or
 - iii) For safety of the works or part thereof. The contractor shall, during such suspension, properly protect and secure the works to the extent necessary and carry out the instructions given in that behalf by the Managing Director, NFCSF.

- b) If the suspension is ordered for reasons (ii) and (iii) in sub-para (a) above, the Contractor shall be entitled to an extension of the time equal to the period of every such suspension plus 25%.

12. Time and Extension for Delay:

The time allowed for execution of the works as specified in the Appendix or the extended time as approved by NFCSF in accordance with these conditions shall be the essence of the Contract. The execution of the works shall commence from the 10th day after the date on which the NFCSF issues written orders to commence the work or from the date of handing over of the site, whichever is earlier.

As soon as possible after the Contract is concluded the Managing Director, NFCSF and the Contractor shall agree upon a Time and Progress Chart. The Chart shall be prepared in direct relation to the time stated in the Contract documents for completion of items of the works. It shall indicate the forecast of the dates of commencement and completion of various trades or sections of the work and may be amended as necessary by agreement between the Managing Director, NFCSF and the Contractor within the limitations of time imposed in the Contract Documents.

If the work be delayed by

- (a) Force majeure or
- (b) Abnormally bad weather or
- (c) Serious loss or damage by fire, or
- (d) Civil commotion, local combination of workmen strike or lockout, affecting any of the trades employed on the work, or
- (e) Any other cause which, in the absolute discretion of the authority mentioned in Appendix is beyond the Contractor's control;

Then upon the happening of any such event causing delay, the Contractor shall immediately give notice thereof in writing to the Managing Director, NFCSF but shall nevertheless use constantly his best endeavors to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Managing Director, NFCSF to proceed with the Works.

Request for extension of time, to be eligible for consideration, shall be made by the Contractor in writing within fourteen days of the happening of the event causing delay. The Contractor may also if practicable, indicate in such as request the period for which extension is desired.

If any such case the competent authority may give a fair and reasonable extension of time for completion of the work. Such extension shall be communicated to the contractor by the Managing Director, NFCSF and no compensation whatsoever for the extended period, if any shall be applicable/ payable.

13. The Contractor shall arrange, at his own expense, all tools, plant and equipment hereafter referred to as (T & P) labour, P.O.L., electricity, safety and security required for execution of the work.

14. FORCE MAJEURE

Any delays in or failure of the performance of either party herein shall not constitute default hereunder or give rise to any claim for damages, if any, to the extent such delays or failure of performance is caused by occurrences such as Act of god or the public enemy; expropriation or confiscation of facilities by Government authorities, or in compliance with any order or request of any Governmental authorities or due acts of war, rebellion or sabotage or fires, floods, explosions, riots or illegal joint strikes of all the workers of all the contractors.

15. MATERIALS

1. All materials to be provided by the Contractor shall be in conformity with the specifications laid down in the contract and the Contractor shall, if requested by the Managing Director, NFCSF, furnish proof to the satisfaction of Managing Director, NFCSF in this regard.
2. The contractor shall indemnify the NFCSF, its representatives or employees against any action, claim or proceeding relating to infringement or use of any patent or design or any alleged patent or design rights and shall pay any royalties or other charges which may be payable in respect of any article or material or part thereof included in the Contract. In the event of any claim being made or action being brought against the NFCSF or any agent, servant or employee of the NFCSF in respect of any such matters as aforesaid, the Contractor shall immediately be notified thereof.
3. All charges on account of octroi, terminal or sales tax and other duties on material obtained for the Works from any source shall be borne by the Contractor.

4. The Managing Director, NFCSF shall be entitled to have tests carried out as specified as per relevant standard code of practice for any materials supplied by the Contractor even for those for which, as stated above, satisfactory proof has already been furnished, at the cost of the Contractor and the Contractor shall provide at his expense all facilities which the Managing Director, NFCSF may require for the purpose. The cost of materials consumed in tests shall be borne by the Contractor.
5. Stores and Materials required for the works, brought by the Contractor, shall be stored by the Contractor only at places approved by the Managing Director, NFCSF. Storage and safe custody of material shall be the responsibility of the contractor.
 - i) NFCSF's officials concerned with the Contract shall be entitled at any time to inspect and examine any materials intended to be used in or on the works, either on the Site or at factory or workshop or other place(s) where such materials are assembled, fabricated or at any place(s) where these are lying or from where these are being procured and the contractor shall give such facilities as may be required for such inspection and examination.
 - iii) All materials brought to the Site shall become and remain the property of NFCSF and shall not be removed off the Site without the prior written approval of Managing Director, NFCSF or his representative. But whenever the works are finally completed the Contractor shall, at his own expense forthwith, but with the prior approval from NFCSF, remove from the Site all surplus materials originally supplied by him and upon such removal the same shall revert in and become the property of the contractor. However before giving any approval as aforesaid the NFCSF shall be entitled to recover or adjust any amount given as advance to the Contractor.

16. Labour laws and payment of wages to be complied:

The contractor shall comply with the labour laws in force. No labour below the age of eighteen years shall be employed on the works. The tenderer should make their own arrangement for the assign of all labour trained in the particular field of work preferably local.

The contractor shall obtain a valid license under the Contract Labour (R&A) Act,1970 and the Contract Labour (R&A) Central Rules, 1971, before the commencement of the work, and continue to have a valid license till completion of work. The contractor shall also abide by the provisions of the Child Labour (Prohibition and Regulation) Act, 1986. The contractor shall

comply with the provisions of the Payments of wages act, 1936, Minimum wages Act, 1948, Employment liability Act, 1938, Workmen's compensation act 1923, Industrial dispute Act, 1947, the factories act 1948, mate benefit act 1961 and any statutory amendments or re-amendments thereof for the time being in force.

In respect of all laborers directly or indirectly employed in the work for the performance of the contractor's part of this contract, the contractor shall at his own expense arrange the safety provisions as per safety code framed from time to time by statutory authorities and shall at his own expense provide for all facilities in connection therewith. Contractor shall take all safety precautions to avoid any accident etc. at site shall be fully responsible for any criminal & civil liabilities. In case, the contractor fails to make arrangement and provide necessary facilities as aforesaid he shall be responsible for any compensation for each default and in addition the Managing Director, NFCSF shall be at liberty to make arrangement and provide facilities as aforesaid and recover the costs incurred in that behalf from the contractor.

The contractor shall be fully liable for compliance of EPF or ESI of the labours/workmen deployed by them for carrying out the work as per prevailing Central or State government norms and NFCSF has nothing to do with the same. NFCSF shall not be responsible for any liability/claims whatsoever in this regard. Further as and when demanded by NFCSF, the contractor shall submit the proof of deductions/ deposits of such liabilities of their labors/ workmen engaged in the work to NFCSF. In case of default, NFCSF may deduct the payments against these liabilities from the bills of the contractor or may stop the payment of the bill till such time until the compliance is proved by the contractor.

17. Liquidated Damages for Delay

17.1. Time is essence of the contract. In case the CONTRACTOR fails to complete the whole work within the stipulated period, and clear the site, he shall be liable to pay liquidated damages @ Rs. 1 Lakh/week subject to a maximum penalty of Rs. 5 Lakhs. The parties agree that this is a genuine pre-estimate loss / damage which will be suffered on account of delay on the part of the Contractor and the said amount will be payable on demand without there being any proof of the actual loss of damages caused by such delay.

17.2 The amount of Compensation may be adjusted or set-off against any sum payable to the Contractor under this or any other contract with NFCSF.

18. Defects Liability Period:

The Contractor shall be responsible to make good and remedy at his own expense within defect liability period of six months from the date of completion of the work in all respect.

19. Contractor's Liability and Insurance

From commencement to completion of the works, the Contractor shall take full responsibility, care of and precautions to prevent loss or damage and to minimize loss or damage to the greatest extent possible and shall be liable for any damage or loss that may happen to the Works or any part thereof from any cause whatsoever (save and except the Excepted Risks) and shall at his own cost repair and make good the same so that, at completion, the works shall be in good order and conditions and in conformity in every respect with the requirements of the Contract and instructions of the Managing Director, NFCSF.

In the event of any loss or damage to the Works or any part thereof or to any material or articles at the Site from any of the Excepted Risks the following provisions shall have effect.

- a. The Contractor shall, as may be directed in writing by the Managing Director, NFCSF, remove from the site any debris and so much of the works as shall have been damaged.
- b. The Contractor shall, as may be directed in writing by the Managing Director, NFCSF, proceed with the completion of the works under and in accordance with the provisions and Conditions of the Contract, and

Provided always that the Contractor shall not be entitled to payment under the above provisions in respect of so much loss or damage as has been occasioned by any failure on his part to perform his obligations under the Contract or not taking precautions to prevent loss or damage or minimize the amount of such loss or damage.

The Contractor shall indemnify and keep indemnified NFCSF against all losses and claims for injuries or damage to any persons or any property whatsoever which may arise out of or in consequence of the construction and maintenance of works and against all claims, demands proceedings, damages costs, charges and expenses whatsoever in respect of or in relation thereto. Provided always that nothing herein contained shall be deemed to render the Contractor liable for or in respect of or to indemnify NFCSF against any compensation or damage caused by the Excepted Risks.

Before commencing execution of the work, the Contractor shall, without in any way limiting his obligations and responsibilities under this condition, obtain and deposit with NFCSF-Contractors “All Risk Policy” and “Third Party” Insurance policy.

The Contractor shall at all times indemnify NFCSF against all claims, damages or compensation under the provisions of Payment of Wages Act, 1936, Minimum Wages Act. 1948, Employer’s Liability Act, 1938 the Workmen’s Compensation Act, 1923, Industrial Disputes Act, 1947 and the Maternity Benefit Act. 1961 or any modifications thereof or any other law relating thereto and rules made thereunder from time to time.

The Contractor shall prove to the Managing Director, NFCSF from time to time that he has taken all the insurance policies referred to above and has paid the necessary premiums for keeping the policies alive till completion of the work.

- 19.7. All statutory deductions as applicable such as TDS etc. shall be made from the due payment of the contractor.

No claim for interest will be entertained by NFCSF in respect of any balance payments or any deposits which may be held up with NFCSF due to any dispute between NFCSF and the contractor or in respect of any delay on the part of NFCSF in making final payment or otherwise.

The contractor shall ensure that no materials/wastes/plant, equipments etc. are dumped at the site. In case any of the above items are dumped the contractor shall clear the same from the site by or before completion of the work at his own cost or otherwise NFCSF will carry out the work at the contractor’s risk and cost after 7 days’ notice.

The contractor will have to make their own arrangement for facilitating movement of labour to work site and back. Facilities are to be provided to labourers as per statutory provision and the same shall not entail or attract any extra cost to NFCSF.

20. Safety Code:

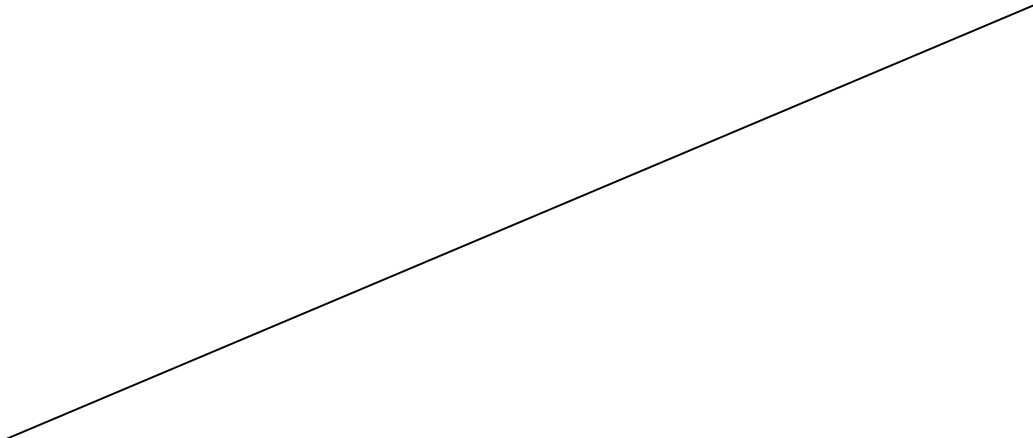
The Contractor shall at his own expense arrange for the safety provisions as appended to these conditions or as required by the Managing Director, NFCSF, in respect of all labours directly or indirectly employed for performance of the works and shall provide all facilities in connection therewith. In case the Contractor fails to make arrangements and provide necessary facilities as aforesaid the Managing Director, NFCSF shall be entitled to do so and recover cost thereof from the Contractor.

NFCSF shall not be liable for any accident, injury or for any other mishap caused to him/them/their employees/agents and labour employed by the contractor and for any kind of damage during the execution of the contract or work done. For any kind of such injury or loss caused to any person/persons mentioned herein above, the contractor shall be exclusively liable.

21. Cancellation of Contract in Full or in Part:

If the Contractor:

- a. In cases of poor workmanship and non-compliance of tender/agreement or services provided by the contractor are not found to be satisfactory, the contract shall be terminated by NFCSF by giving 10 days' notice even before the expiry of contract period and shall forfeit the security deposit without assigning any reason what so ever. At any time the contractor makes defaults in proceeding with the Works with due negligence and continues to do so even after a notice in writing of 7 days from the Managing Director, NFCSF; or
- b. Commits default in complying with any of the terms and conditions of Contract and does not remedy it or take effective steps to remedy it within 7 days after a notice in writing is given to him in that behalf by the Managing Director, NFCSF; or
- c. Fails to complete the works or items of work on or before the date(s) of completion, and does not complete them within the period specified in a notice given in writing in that behalf by the Managing Director, NFCSF; or
- d. Offers or gives or agrees to give to any person in NFCSF's service or to any other person on his behalf any gift or consideration of any kind as an inducement or reward for doing or for bearing to do or having done any act in relation to the obtaining or execution of this or any other Contract for the NFCSF or



- e. Obtains a Contract with the NFCSF as a result of ring tendering or other non-bonafide methods of competitive tendering; or
- f. Being an individual or any of its partner (in case of the Contractor is a partnership firm) at any time is adjudged insolvent or have a receiving order or order for administration of his estate made against him or shall take any proceedings for liquidation or composition (other than a voluntary liquidation for the purpose of amalgamation or reconstruction) under any insolvency Act for the time being in force or make any conveyance or assignment of his affective or composition or arrangement of the benefit of his creditors or purport so to do, or if any application be make under any insolvency Act for the time being in force for the sequestration of his estate or if a trust deed be executed by him for benefit of his creditors; or
- g. Being a company, passes a resolution or the Court makes an order for liquidation of its affairs, or a receiver or manager on behalf of the debenture holders is appointed or circumstances shall arise which entitle the Court or debenture holders to appoint a receiver or manager; or
- h. Assigns, transfers sublets (engagement of labour on a piece-work basis or of labour with materials not be incorporated in the work shall not be deemed to be subletting) or attempts or assign, transfer or sublet the entire works or any portion thereof without the prior written approval of the Accepting Authority.

The Competent Authority may, without prejudice to any other right or remedy which shall have accrued or shall accrue thereafter to NFCSF by written notice cancel the contract as a whole or in part as it may deem appropriate.

The Competent Authority shall on such cancellation, be entitled to:

- a. Take possession of the site and any materials, construction plant, implements, stores, etc., thereon; and/or
- b. Carry out the incomplete work by any means at the risk and cost of the Contractor.

On cancellation of the Contract, in full or in part, the Accepting Authority shall determine the quantum of amount, if any, recoverable from the Contractor for completion of Works or part of the works or in case the works or part of the works is not completed, the loss or damage suffered by NFCSF. In determining the amount credit shall be given to the Contractor for the value of the work, if any, executed by him up to the time of cancellation, the value of contractors material taken over and incorporated in the work and use of tackle and machinery belonging to the Contractor.

Any excess expenditure incurred or to be incurred by the NFCSF in

completing the Works or part of the Works or the excess loss or damages suffered or may be suffered by NFCSF as aforesaid after allowing such credit shall be recovered from any money due to the Contractor or any account, and if such money is not sufficient the Contractor shall be called upon in writing to pay the same within 30 days.

If the Contractor shall fail to pay the required sum within the aforesaid period of 30 days, the Managing Director, NFCSF shall have the right to sell any or all of the Contractor's unused materials, constructional plant, implements, temporary buildings, etc. and apply the proceeds of sale thereof towards the satisfaction of any sums due from the Contractor under the contract and if thereafter there be any balance outstanding from the Contractor, it shall be recovered in accordance with the provisions of the Contract.

Any sums in excess of the amounts due to NFCSF on unsold materials, constructional plant, etc. shall be returned to the Contractor, provided always that if cost or anticipated cost of the completion by NFCSF of the works or part of the works is less than the amount which the Contractor would have been paid had he completed the works on part of the works such benefit shall not accrue to the Contractor.

22. Liability for Damage, Defects or Imperfections and Rectification thereof:

If the Contractor or his workmen or employees shall injure or destroy any part of the building in which they may be working or any building, road, fence etc, continuous to the premises on which the work or any part of it is being executed, or if any damage shall happen to the work while in progress the Contractor shall upon receipt of a notice in writing in that behalf make the same good at his own expense. If it shall appear to the Managing Director, NFCSF or his Representative at any time during construction or reconstruction or prior to the expiration of Defects Liability Period, that any work has been executed with unsound, imperfect or unskilled workmanship or that any materials or articles provided by the Contractor shall, upon receipt of a notice in writing in that behalf from the Managing Director, NFCSF, forthwith rectify or remove and re-instruct the work so specified in whole or in part, as the case may require or as the case may be, and/or remove the materials or articles at his own expense, notwithstanding that same may have been inadvertently passed, certified and paid for and in the event of his notice aforesaid, the Managing Director, NFCSF may rectify or remove and re-execute the work and/or remove and replace with others the materials or articles complained of as the case may be, by other means at the risk and expense of the Contractor.

In case of repairs and maintenance works, splashes and dropping from white washing, painting, etc. shall be removed and surfaces cleaned

simultaneously with completion of these items of work in individual rooms, quarters or premises, etc. where the work is done, without waiting for completion of all other items of work in the contract. In case the Contractor fails to comply with the requirements of this condition, the Managing Director, NFCSF shall have the right to get the work done by other means at the cost of the Contractor. Before taking such action, however, the Managing Director, NFCSF shall give three days notice in writing to the Contractor.

23. Urgent Works:

If any Urgent work (in respect whereof the decision of the Managing Director, NFCSF shall be final and binding) becomes necessary and Contractor is unable or unwilling at once to carry it out, the Managing Director, NFCSF may by his own or other workpeople carry it out, as he may consider necessary. If the urgent work shall be such as the Contractor is liable under the contract to carry out at his expenses incurred on it by the NFCSF shall be recoverable from the Contractor and be adjusted or set off against any sum payable to him.

24. Payment Terms and Conditions:

Payment shall be released on monthly basis as per the quantum of work executed in accordance to the instruction and drawings issued to the contractor. Any work executed by the contractor in violation of the tender specifications, drawings and direction of Managing Director, NFCSF shall constitute breach of agreement and shall not qualify for the measurement. The measurements shall be jointly recorded by the contractor and architect. If Contractor intends to submit interim R.A Bills these should not be less than Rs 5.00 Lac value of work executed. All other statutory deductions and Security deposit as applicable shall be effected from each running bills.

No escalation will be paid even in extended period, if any.

All statutory deductions as applicable such as TDS, labour cess etc. shall be made from the due payment of the contractor.

25. MOBILISATION ADVANCE:

No mobilization advance whatsoever shall be paid for carrying out this work.

26. ARBITRATION AND LAWS

All questions and disputes relating to the meaning of the words, terms, specifications, operations, and instructions, mentioned in this contract and as to the quality of workmanship or performance of the contractor any other question, claim, right, matter, or thing whatsoever in any way arising out of or relating to the contract, specifications, operating instructions, orders or these conditions; or otherwise concerning the performance of the contract, the execution or failure to execute the same whether arising during the existence of the contract or after the termination of the contract, the same shall be referred to the sole arbitrator appointed by the President of the NFCSF.

The Arbitrator shall have power to call for such evidence by way of affidavits or otherwise as he thinks proper and it shall be the duty of the parties hereto to do or cause to be done, all such things as may be necessary to enable the Arbitrator to make the award without any delay. The Arbitrator shall give a separate award in respect of each dispute or difference referred to him. The venue of arbitration shall be at Delhi only. The Award of the Arbitrator shall be final, conclusive and binding on all parties to the contract.

The law under the Arbitration and Conciliation Act, 1996 as amended by Arbitration and Conciliation (Amendment) Act 2015 shall be applicable to such proceedings.

The cost of arbitration shall be borne by the parties to the dispute, as may be decided by the arbitrator(s).

27. COMPLETION TIME

The job detailed in scope of work / BOQ should be completed at site within 09 Months from the date of issue of work order.

**Managing Director
NFCSF, Delhi**

SIGNATURE OF THE CONTRACTOR

FORM OF TENDER

To

The Managing Director

National Federation of Cooperative Sugar Factories Ltd. (NFCSF)

Ansal Plaza, C-Block, 2nd Floor,

August Kranti Marg, New Delhi-110049

I/We have read and examined the following documents relating to
**“Renovation of R&D Building of NFCSF at Plot No-22, Pocket FC/33,
Jasola Institutional Area, New Delhi-110025”.**

(Name of the Work)

- (a) Notice inviting tender.
- (b) Instructions to Tenderers
- (c) Technical Specifications
- (d) General Conditions of Contract including Contractors, Labour Regulations, Model Rules for Labour Welfare and Safety Code appended to these conditions together with the amendments thereto if any.
- (e) Special Conditions of contracts if any.
- (f) Bill of Quantities

I/We hereby tender for execution of the works referred to in the aforesaid documents upon the terms and conditions contained or referred to therein and in accordance in all respects with the specifications, designs, drawings and other relevant details at the rates contained in Schedule and within the period(s) of completion as stipulated in Appendix.

In consideration of I/We being invited to tender, I/We agree to keep the tender open for acceptance for 120 days from the due date of submission thereof and not to make any modifications in its terms and conditions which are not acceptable to NFCSF.

A sum of Rs. 3 Lakh is hereby forwarded as Earnest Money Deposit in the form of Demand Draft in favour of “National Federation of Cooperative Sugar Factories Ltd.’, payable at Delhi.

If I/We fail to keep the tender open as aforesaid or make any modifications in the terms and conditions of the tender which are not acceptable to the NFCSF, I/We agree that the NFCSF shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Should this tender be accepted, I/We agree to abide by & fulfill all the terms conditions of aforesaid document.

If after the tender is accepted, I/we fail to commence the execution of the work as provided in the conditions. I/We agree that NFCSF shall without prejudice to any other right or remedy is at liberty to forfeit the said earnest money absolutely.

Signature of contractor.....
Duly authorised to sign the tender on behalf
of the (in block capitals).....

Dated.....

Witness.....

Date.....

Address.....

APPENDIX

- | | | |
|----|---|---|
| 1. | Competent Authority | President, NFCSF or his Authorized Representative |
| 2. | Earnest money/Security deposit | |
| | a) Earnest money | Rs. 3.0 Lakhs /- in the form of DD /Pay order in favour of "THE NATIONAL FEDERATION COOPERATIVE Sugar Factory NFCSF Ltd.", payable at Delhi |
| | b) Security Deposit | Rs. 5 Lakh |
| 4. | Time allowed for execution of work | 09 Months |
| 5. | Authority competent to decide if "any other cause" of delay is beyond Contractors control | Managing Director, NFCSF or his authorized representative |
| 6. | Liquidated Damaged | Rs. 1 Lakh/week subject to a maximum penalty of Rs. 5 Lakhs. |
| 7. | Defect Liability Period | 09 months from the date of Completion of work in all respect |
| 8. | Authority competent to reduce Compensation | Managing Director, NFCSF or his authorized representative. |

SPECIAL CONDITIONS

1. During working at site, some restrictions may be imposed by Managing Director, NFCSF or his representative/Security staff of NFCSF or Local Authorities regarding safety and security etc., the contractor shall be bound to follow all such restrictions/instruction & nothing extra shall be payable on this account.
2. No compensation shall be payable to the contractor for any damage caused by rains lightening, wind, storm, floods Tornado, earth quakes or other natural calamities during the execution of work. He shall make good all such damages at his own cost; and no claim on this account will be entertained.
3. No labour hutment shall be allowed in the premises. All labourers should leave the site after day's work. The security & Watch ward of site contractor materials/work etc. shall be at his cost only.
4. All rates quoted by the bidders shall remain firm for the contract period/extended contract period.
5. If the contractor fails to proceed with the work within the stipulated time as specified from the date of issue of letter of intent/letter to proceed with the work, NFCSF shall forfeit the earnest money deposited by him along with the tender.

6. Execution of Work at Risk & Cost of Contractor:

The balance work, if any, left to be completed after the determination/cancellation of the contract as per clause no. 21 of the 'General Conditions of Contract' shall be got executed by the NFCSF as stipulated in the said clause at the risk and cost of the contractor and the additional expenditure, if any, incurred by the NFCSF in getting the work executed in the manner stated above, the same shall be recovered from the dues of contractor. In case the dues of the contractor are not sufficient, the contractor shall be liable to deposit the excess amount incurred by NFCSF as communicated by the Managing Director, NFCSF within 30 days of written notice.

7. The work has to be executed in accordance with the latest CPWD specification mentioned in the BOQ and in case of any discrepancy the CPWD specifications with latest amendments if any, shall be followed. The decision of the Managing Director, NFCSF in this regard shall be final and binding upon the contractor.
8. The materials used for carrying out the work shall be of best locally available quality and the contractor has to carry out the necessary testing of

the material as ordered by the Managing Director, NFCSF for its conformity and alltesting charges shall be borne by the contractor.

9. All the civil works, if required, like fixing of load hooks, making chases in the wall, drilling of holes, fixing of doors and finishing of jambs, providing scaffolding for carrying out complete works shall be arranged by the contractor and making good the same. Nothing extra on theses account shall be considered or paid.
- 10.The contractor shall be fully responsible for the any injury or damage caused to the workmen deployed by him at site for carrying out the work and NFCSF has nothing to do with such happenings and in no way shall be held responsible for the same.
- 11.The tenderer shall quote his rates exclusive of GST. The contractor must have valid GST registration number commensurate with service to be provided and will provide copy of the same before release of any payment by NFCSF.
- 12.CPWD specifications / relevant IS Code shall be followed where ever specifications are not specified.
- 13.All communication should be addressed to The Managing Director, National Federation of Cooperative Sugar Factories Ltd. (NFCSF), Ansal Plaza, C-Block, 2nd Floor, August Kranti Marg, New Delhi-110049

Signature of Contractor

List of Approved make

A. For Civil Works

Specification/brands names of materials (Refer materials, whichever are applicable for the scope of work) and finishes to be used for the work are listed below. However approved equivalent materials and finishes of any other specialized firms may be used, in case it is established that the brands specified below are not available in the market and subject to approval of the alternate brand by the Managing Director, NFCSF. The actual make, brand name or company of all material/items out of the below makes shall be decided by NFCSF.

Sl.No	Materials	Approved make
1	Cement (PPC, OPC)	ACC, ULTRATECH, AMBUJA,
2	WHITE CEMENT	J.K. WHITE, BIRLA WHITE
3	VITRIFIED TILES	KAJARIA,SOMANI
4	WATER BASED MELAMINE POLISH	ASIAN PAINTS , BERGER
5	ANTI STATIC HIGH PRESSURE LAMINATE	MERINO , GREENLAM
6	ALUMINIUM EXTRUSIONS	HINDALCO/NALCO/JINDAL
7	ALL TYPES OF GLASS	ST. GOBAIN/ MODIGUARD
8	GYPSUM BOARD	ST. GOBAIN GYPROC GYPSUM
9	G I PIPE	TATA/JINDAL HISSAR
10	GI FITTINGS (Malleable Cast iron)	ZOLOTO/UNIK,ICS
11	CPVC PIPES & FITTINGS	ASTRAL/ ASHIRWAD
12	ALL HARDWARE AND FITTINGS FOR ALL TYPES OF GLAZING, DOORS, WINDOWS ETC.	DORMA /HAFELE
13	EUROPEAN WC	JAQUAR/HINDWARE
14	WASHBASIN	JAQUAR/ HINDWARE
15	URINAL	JAQUAR/HINDWARE
16	UPVC PIPES & FITTINGS	SUPREME/PRINCE/
17	SPUN CAST IRON PIPES & FITTINGS (IS:3989)	JAIWAL NECO/RIF
18	C.I. S/S PIPES & FITTINGS	JAIWAL NECO/ RIF
19	G.I. PIPE JOINTING MATERIAL	LOCTITE 55/DR.FIXIT
20	SS HINGED GRATING	GMGR/NEER/CHILLY
21	STONEWARE PIPES AND GULLY TRAPS	PERFECT/PARRY
22	GUNMETAL VALVES (FULL WAY VALVE) CLASS-I	ZOLOTO/CASTLE
23	SANITARY ACCESSORIES	JAQUAR / HINDWARE
24	SANITARY FITTINGS	JAQUAR / HINDWARE
25	CALSIUM SILICATE BOARD FOR FALSE CEILING	GYPROC/BORAL/HILUX
28	FLOOR TRAPS	JAYNA /NIRALI

B- Electrical Items

S.No.	Item	Makes
1	Wire	Havells, Finolex, KEI.
2	Modular Boxes, Plates and switches	Havells, L&T
3	DB's	Legrand,Havells,
4	PVC Conduits	AKG,SETIA
5	Industrial Sockets & Plugs / AC Box	L&T,Havells,
6	Lights fittings	Phillips , SYSKA
7	Cable Glands	Commet, Stepwell
9	MCCB / MCB	Havells, L&T
10	LT Cables	Havells, Finolex, KEI.
11	Ceiling Fans / Exhaust Fans / Fresh Air Fan	Havells, Khaitan
12	LT Pannel	CPRI Approved Make.

SCHEDULE OF QUANTITIES

SECTION " A " CIVIL WORK

S. No.	Description Of Items	Unit	Qty	Rate	Total Amount
Part A - DISMANTLING WORKS					
1	Dismantling of Flooring / wall tiles				
	Dismantling of all type of existing flooring & skirting including removing base in cement mortar of any depth etc. and stacking of serviceable material and disposal of unserviceable material to authorised dumping yard.	Sq. Mt.	3174.00		
2	Dismantling of Brick Work / gypsum partition				
	Dismantling of all kind of brick wall in cement mortar, including glazed tiles, stone cladding, cement plaster and disposal of unserviceable material to authorised dumping yard.	Sq. Mt.	15.00		
3	Dismantling of Door / Window				
	Dismantling of existing door / window shutters with frames, architraves, hold fasts, fixtures and stacking as directed. (Alluminum door)	Nos.	2.00		
	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc.	Nos.	56.00		
4	Dismantling of Bathroom				
	Dismantling of existing bathroom including removal of floor and wall tiles, CI pipes, GI pipes, Ceramic fittings, CP fittings etc	Nos.	15.00		
5	Dismantling of external façade tiles				
	Dismantling of all kind of Façade tiles in cement mortar, including glazed tiles, stone cladding, cement plaster and disposal of unserviceable material to authorised dumping yard.	Sq. Mt.	567.00		
6	Dismantling of external paving tiles				
	Dismantling of all kind of paving tiles in cement mortar, including glazed tiles, stone cladding, cement plaster and disposal of unserviceable material to authorised dumping yard.	Sq. Mt.	221.00		
PART B - CIVIL WORKS					
1	Half Brick Wall (4.5")				
	Providing and laying half brick partition walls in cement mortar 1:4 (1cement : 4 coarse sand) including providing 2 Nos. of 6mm dia M.S. round bars at every IVth course, including scaffolding, curing, rubbing the surface, racking out the joints etc., complete as directed and specified for walls, parapet, platform supports etc. at all floor heights & levels. (for straight & curved wall)	Sq. Mt.	140.52		

2	Brick Wall (9")				
	Providing and laying half brick partition walls in cement mortar 1:6 (1cement : 6 coarse sand) including providing 2 Nos. of 6mm dia M.S. round bars at every IVth course, including scaffolding, curing, rubbing the surface, racking out the joints etc., complete as directed and specified for walls, parapet, platform supports etc. at all floor heights & levels.(for straight & curved wall)	Cu. Mt.	81.75		
3	Cement Plaster				
	Providing and laying 12-15mm thick plaster in cement mortar 1:4:2 (1cement : 4 fine sand : 2 coarse sand) complete as directed and specified.	Sq. Mt.	950.00		
4	Water Proofing Work				
	Providing and applying integral crystalline slurry of hydrophilic in nature for waterproofing treatment to the RCC structures like retaining walls of the basement, water tanks, roof slabs, podiums, reservoir, sewage & water treatment plant, tunnels / subway and bridge deck etc., prepared by mixing in the ratio of 5 : 2 (5 parts integral crystalline slurry : 2 parts water) for vertical surfaces and 3 : 1 (3 parts integral crystalline slurry : 1 part water) for horizontal surfaces and applying the same from negative (internal) side with the help of synthetic fiber brush. The material shall meet the requirements as specified in ACI-212-3R-2010 i.e by reducing permeability of concrete by more than 90% compared with control concrete as per DIN 1048 and resistant to 16 bar hydrostatic pressure on negative side. The crystalline slurry shall be capable of self-healing of cracks up to a width of 0.50mm. The work shall be carried out all complete as per specification and the direction of the engineer-in-charge. The product performance shall carry guarantee against any leakage.	Sq. Mt.	1056.00		
5	Reinforced cement concrete work				
	Reinforced cement concrete work balconies, shelves, chajjas, lintels including the cost of centering, shuttering, finishing and reinforcement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	Sq. Mt.	12.00		
6	M.S / S.S Work				
	Providing and fixing S.S Grade - 302 railing with 12 mm toughened glass as per design approved	R. Mt.	65.00		
7	M.S STAIR CASE				
	Staircase terrace to machine room (Fire Tank)	R. Mt.	5.00		

8	STRUCTURE GLAZING				
8.1	Providing and fixing of powder coated 100 X 44 wall thik 1.8mm rectengular tube for façade louver with MS powder coated/ Galvanized baraket, 100 X 10 mm fasteners, with suitable hardware as per design.	R. Mt.	30.00		
8.2	Providing and fixing of frmeless glazing with 12mm toughened glass, glass fixing with 19 X 25mm C chanel/ SS glass hold braket in floor mount and ceiling mounnt with clear silicone sealant for water and air tight as per design.	Sq. Mt.	24.00		
8.4	Providing and fixing of powder coated MS louver as per design150 X 100 (façade)	R. Mt.	34.00		
8.5	Providing and fixing of frameless door & glazing with 12mm toughened glass, glass fixing with SS glass hold braket in floor mount and ceiling mounnt with clear silicone sealant for water and air tight as per design.	Sq. Mt.	27.00		
9	GUARD ROOM				
	civil work includes - R.C.C , brick work, plaster, foundation, excavation as per design approved	Sq. Mt.	7.00		
10	Pavers tiles (Drive way & Parking)				
	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge. (BASE COST Rs.35/-)	Sq. Mt.	64.00		
PART C - ADDITIONAL WORKS					
1	Chemical Earthing provision for building				
	Providing and fixing G.I earth electroed	Nos.	10.00		

2	footpath extend				
	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.	Sq. Mt.	20.00		
	Laying at or near ground level old kerb stones of all types in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement : 3 coarse sand), including making joints with or without grooves (thickness of joints, except at sharp curve, shall not be more than 5 mm), including making drainage opening wherever required etc. complete as per direction of Engineer-in-charge. (Length of finished kerb edging shall be measured for payment). (Old kerb stones shall be supplied by the department free of cost)	R. Mt.	18.00		
4	Repair Work				
4.1	Main entrance sliding M.S gate	Nos	2		
4.2	Water Harwasting tank (UGT)	Nos	1		
4.3	Entry steps	Sq. Mt.	75.00		
4.4	Footpath repair	Sq. Mt.	80.00		
4.5	Re-strengthening of Beam (29000 x 345 x 375) @ BASEMENT	Nos	3		
4.6	Re-strengthening of Slab @ BASEMENT				
4.6.1	P/Laying and fixing in position steel reinforcement in all reinforced concrete work, including straightening, cutting, removal of loose rust by wire brush and coating with cement slurry, bending, hoisting, laying in position to the shape and profile required at all levels and heights as per drawing and design and/or as directed, binding with 18 gauge MS annealed wire etc. complete. (Quoted rate to include providing & fixing the binding wire, cement mortar spacer blocks etc. and coordination with PT agency and providing all supports for casting concrete) (Reinforcement steel shall be supplied free of cost by the Client)).	Sq. Mt.	35		
4.6.2	Thermomechanically Treated Reinforcement (TMT and / or High yield strength Deformed)Tor steel) bars of grade FE 500	KG	80		

SECTION " B " INTERIOR

S. No.	Description Of Items	Unit	Qty	Rate	Total Amount
PART A-FINISHING WORKS					
1	POP Punning				
	Providing and applying 8 TO 10mm thick avg.plaster of paris (super fine quality) punning on wall, scraping & hacking the existing finished surfaces and applying plaster of paris on the wall, making in proper line and levels for smooth finish etc. at all heights etc complete as for design and drawing.	Sq. Mt.	1245.00		
2	Plastic Emulsion Paint				
	Preparation of surfaces and painting walls / ceilings, with plastic emulsion paint approved brand and manufacture to give an even shade three or more coats on new work over a coat of primer.(at all heights & levels)	Sq. Mt.	3375.00		
3	Enamel Paint				
	Preparation of surfaces and painting walls / ceilings, with flat oil paint of approved brand and manufactur to give an even shade two or more coats on new work over a coat of primer.(at all heights & levels)	Sq. Mt.	265.00		
4	apex paint (external area)				
	Preparation of surfaces and painting walls / ceilings, with flat oil paint of approved brand and manufactur to give an even shade two or more coats on new work over a coat of primer.(at all heights & levels)	Sq. Mt.	733.00		
PART B - FLOORING & DADO WORKS					
	For all item of stone and tile the contractors should see the approved sample board at the office of the architect and should also submit their own sample alongwith the tender.				
1	Cement Concrete Flooring				
	Providing and laying plain cement concrete upto 25mm thick for flooring using cement concrete1:2:4 (1 cement : 2 coarse sand : 4 aggregate 20mm and down gauge) tamped, spaded, trowelled and top finished neat, smooth with a floating coat of cement as directed,	Sq. Mt.	640.00		
2	Vitrified Tile Flooring & Skirting				
	Providing and laying 9.5 mm thick vitrified tiles of approved quality and shade for flooring & skirting over a bed of 20mm thick cement mortar 1:4 (icement : 4 coarse sand) , laid to patterns with 2-3 mm grooves, including necessary cutting, mitring, grouting of joints etc complete as per detailed drawings.(BASE COST Rs.65/-)	Sq. Mt.	1099.00		

3	Vitrified Tile Dado (Wall tiles)				
	Providing and laying ceramic tiles of approved quality and shade for dado work, laid to patterns with 2-3 mm grooves, including necessary cutting, mitring, grouting of joints etc., complete as per detailed drawings. (BASE COST Rs. 60/-)	Sq. Mt.	943.00		
4	Carpet				
	Loop pile,100% Stanion <i>polypropylene</i> , 28 oz pile weight with 10 stitches per inch.	R/O			
5	wooden flooring				
	25mm wooden planking, tongued and grooved in flooring including fixing with iron screws	Sq. Mt.	16.00		
PART C - DOORS AND UPVC WINDOWS					
1	Door Frame				
	Providing, making and fixing in position selected HARD woods in frames, transoms, mullions, cills, etc., of doors, windows, made to size and shape as shown, with mitered joints, fixed with holdfasts/cleats / threaded expansion bolts to rough grounds / masonry including making necessary grooves, etc. including anti-termite paint on concealed surfaces, rebates for locks, hinges, metallic fasteners,CC for hold fasts, spirit polishing etc., complete as per detailed drawings.	C. Mt.	3.50		
2	Flush Door Shutters				
	Providing and fixing 35mm thick (shutter thickness excluding laminate / veneer) both side commercial type flush door shutters (decorative type) core of block board construction and frame of 1st class hardwood phenol bonded, Mahogany wood lipping 12mm thick on all edges of shutters including brushed steel heavy duty 125mm hinges (4 nos.), PVC buffers, door stopers, melamine polishing to required shade where required etc. all complete as per design and drawing.				
a)	Both side veneered with 4.0 mm thick Mahogany wood veneer.	Sq. Mt.	180.00		
3	UPVC Window				
	UPVC Frame of a reputed make with the structural section in built with section of built as per the size of the window with proper welding . UPVC Joints to be treated suitably with a DGU Class 6mm thick toughend glass on external and Internal side with 12mm air gap make lessor, n-craft	Sq. Mt.	132.00		
4	Glass partition fixed				
	Providing and fixing 12 mm toughened Glass partition in shower area with hardware	Sq. Mt.	50.00		

PART D- PARTITION & PANELING					
1	Wooden Partitioning				
	Wooden partitioning using 2 1/2" X 1 1/2" seasoned hardwood sections 2,-0" c/c with duly applied anti termite treatment;9 mm thk commercial ply clad on both sides complete with veneer cladding and laquer polish.				
a	Both side veneer cladding	Sq. Ft	74.00		
2	Wooden Partitioning (Louvered)				
	Wooden partitioning using 2 1/2" X 1 1/2" seasoned hardwood sections 2,-0" c/c with duly applied anti termite treatment.9 mm thk commercial ply clad on both sides with approved Laminate upto 4'-6" ht thereafter wooden louvers till ceiling as per detail design provided by architect.(louvers on one side only)	R/O	32.00		
PART E - FALSE CEILING WORKS					
1	Gypboard Ceiling				
	P&F 12 mm thk Gypsum board to G.I. framing in perfect level. Necessary offsets and grooves to be provided at the junction of ceiling & walls/columns/partitions etc., to include cut out for light fittings A/C grills etc.& including providing & fixing necessary G.I./wooden frame supports for the above fixtures & additional suspenders to hang the same independently. G.I.frame to consist of proprietary supplied frames & as per manufacturers recommendations suspended from dash fastners anchored to structural slab by means of G.I.angles.				
	Gypsum board fixed with proprietary supplied fixing devices & finished. The joint between the sheets of plasterboard are to be covered with jointing paper tape and flushed with UB 888 (all purposes jointing compound) to provide a smooth durable and professional finish. Suspension points and clips shall be able to take a minimum safe load of 50 kgs. including making grooves at the junction of ceiling & walls/columns/partitions etc. Cutouts for light fittings, A/C grills etc. to be left wherever necessary.	Sq. Mt.	710.50		

PART F - CABINET WORKS (calculation on Face area)					
1	Storage Cabinet				
	Providing and fixing storage cabinet made of 19mm thick comm. board on top, bottom, sides, partitions, shelves, shutters, 12 mm thick commercial ply for sides & back of drawer, 6mm thick commercial ply at back of cabinet & bottom of drawers, 1.0 mm thick laminate on shutters & exposed sides and top of cabinets wherever required, balancing laminate on back surface of shutters and enamel painting on unexposed inner faces, including Mehogany wood lipping/ matching PVC edge lipping, melamine polishing, hinges, ball catchers, tower bolts, handles/knobs, multi purpose locks, sliding chanel, etc. complete as per design and drawing. All hardware to be Hettich.				
a)	Laminated				
	upto 600mm deep	Sq. Mt.	60.5		
2	Over Head Storage				
	Item same as above of storage cabinet but for over head storage.				
a)	325mm deep (Laminated)	Sq. Mt.	18.65		
3	Cabinet Below Counter				
	Item same as above of storage cabinet but for cabinet below counter (shutter only) made of 19mm thick BWP on shutters fixed to Mehogany wood frame fixed with screws including 1.0mm thick laminate on exposed faces and balancing laminate on unexposed faces, glues, nails, melamine polishing, knobs, ball catchers, hinges etc. complete as per design and drawing.	Sq. Mt.	R/O		
4	Glazed cabinet				
	Providing and fixing glazed storage cabinet made of 19mm thick comm. board on top, bottom, sides, partitions, shelves made with 10mm thick float glass, 12 mm thick commercial ply for sides & back of drawer, 6mm thick commercial ply at back of cabinet & bottom drawers, shutter made of 8mm thick glass fixed to 100mm x 35mm hard wood rails with hard wood beading, 1.0 mm thick laminate on exposed sides and top of cabinets wherever required, synthetic enamel painting on unexposed inner faces, including Mehogany wood lipping, melamine polishing, hinges, ball catchers, tower bolts, handles/knobs, multi purpose locks, sliding chanel, etc. complete as per design and drawing.	Sq. Mt.	R/O		

5	Kitchen Counter				
	KITCHEN COUNTER :- Providing and fixing pantry with granite marble top and back splash of base cabinet made of laminated shutter on 20mm BWP board with wood frame. All internal surfaces to have balancing laminate. The rate inclusive of necessary hardware, SS D shaped cabinet handles 100mm long, lock sets, self closing hinges, spring loaded shutter, latch inside, all cabinet hardware to be "HETITCH" or equivalent complete as per Architects approval.	Sq. Mt.	12.73		
PART G - ELECTRICALS					
1)	POINT WIRING				
1.1	Wiring for the following light/fan/exhaust fan points with 1.5 sq. mm PVC insulated copper conductor FR wires of 1100 Volts grade in concealed/exposed FRLS Medium duty thick PVC 25mm dia in false ceiling / walls / ceiling raceway as called for including providing 5 amp flush type switch of approved quality colour make & design & approved White Polycarbonate modular cover plate, 5 sided GI box with earth stud and earthing with 1.5 sq. mm FR PVC insulated copper conductor earth wire and clean wire near exposed fixture . (Circuit wiring 2X 2.5 sqmm+1.5 sqmm cu wire costing from DB to Switch and Switch to next Switch shall be added in the same item)				
a.	One point controlled by one 6 amps Switch .	Nos	327		
b	Same as item No. 1 above but LOOP POINT i.e. wiring of point looped from first point with 1.5 sq. mm PVC insulated copper conductor FR wire (controlling switch in item no.1) and earthing with 1.5 sq. mm PVC insulated copper conductor earth wire.	Nos	82		
1.2	Light Point Circuit Wiring				
	Supply and Wiring with the following size 650V grade FRLS PVC insulated Copper conductor wires in existing conduit including end terminations with suitable lugs.				
a	2 runs of 2.5Sq.mm PVC wires with 1run of 1.5 Sq.mm	RM			
b	2 runs of 4Sq.mm PVC wires with 1run of 2.5 Sq.mm	RM			




1.3	POWER SOCKETS				
a	Supply and fixing of 2 Nos. of flush type 5Amp , 5 pin combined international/universal socket outlets in the modular type GI/plastic box including 2 No. 5Amp switch , above table/wall and front plates including interconnections,screws,blanker and all accessories as required	Nos	128		
a	Supply and fixing of 2 Nos. of flush type 15Amp, 5 pin combined international/universal socket outlets in the modular type GI/plastic box including 2 No.15 Amp switch , above table/wall and front plates including interconnections,screws,blanker and all accessories as required	Nos	36		
1.4	Power Point Circuit Wiring				
a	3cx2.5Sq.mm PVC cable (workstations - UPS, RP) in existing conduit/raceways for Primary Points	RM			
b	3cx1.5Sq.mm PVC cable (workstations - ups, RP) in existing conduit/raceways for Loop Points	RM			
2.0	DISTRIBUTION BOARDS				
2.1	Supply Installation and commossioing Sheet metal enclosed 12 way SPN DB with 10 Nos of 10/20 amps SP MCB's i.e. 10 Nos of 16 amp SP MCB's arranged in 1 rows and controlled by 1 No. 40 amp SPN MCB and neutral link. (Also provide 1 nos. 40 amp DP ELCB of 300 mA Sensitivity for each phase)	Nos	7		
2.2	Supply Installation and commossioing Sheet metal enclosed 6 way flexi vertical TPN DB with 12 Nos of SP MCB's i.e. 4 Nos of 10/20 amp SP MCB's arranged in 3 rows and controlled by 1 No. 40 amp TPN MCB and neutral link. (Also provide 3 nos. 40 amp DP ELCB of 300 mA Sensitivity for each phase)	Nos	7		
2.3	Supply and Installation of 63 A DP MCB in sheet enclosure box for UPS incommer isolator and AC out door isolator	Nos	7		



3.0	PVC FRLS MEDIUM DUTY CONDUIT FOR POWER, DATA,AV ,HVAC AND ACCESS CONTROL				
3.1	Providing and fixing in position of the following sizes of Medium duty PVC conduit including all accessories as required with all necessary accessories.				
a	20 mm Dia,	RM	15		
b	25 mm Dia,	RM	18		
d	20 mm dia PVC flexible conduit	RO			
e	25 mm dia PVC flexible conduit	RO			
3.2	Providing and fixing in position of the following sizes of Medium duty FRLS PVC conduit including all accessories as required with all necessary accessories in floor.				
a	25 mm Dia,	RM	25		
b	32 mm Dia,	RM	25		
3.3	Supplying, laying , testing & commissioning of and fixing in position 1.6 mm GI box for data/voice outlet suitable for fixing of RJ 45 jack complete as required(RJ-45 jack and face plate shall be scope of data vendor)	Nos	18		
3.4	Providing and fixing in position MS anodised TV outlet box 16 gauge with white poly carbonate modular cover plate including supplying, fixing of co-axial type T.V. socket outlet complete as required.	Nos	19		
3.5	Supply installation and commissioning of RG-6 cable	RM			
4.0	SUPPLY AND INSTALLATION OF LIGHTING FIXTURES				
	Unloading ,storing ,installation commissioning of the following fixtures with all accessories as required				
4.1	providing and fixing of 36 w 600x600 mm led light (philips).with sensor	R/O			
4.2	Recessed mounted, high efficacy 12 watt LED downlighter, with pressure die-cast aluminium housing and opal diffuser for glare-free light . (Ceiling lights)	Nos	455		
4.3	Bracket lights	Nos	256		
4.4	Mirror lights	Nos	23		




5.0	NETWORKING AND VOICE				
5.1	Ferulling & Labeling of UTP CAT 6 cable both feild and rack ends , Fixing of Face Plate, Installation & Integration of Rack Final Rack Dressing with Labeling Identification, Testing & Pentasanning of UTP Cat 6 Cable, Documentation and certification, Schematic Block Layout & Link Diagrams for Data & Voice Connectivity With proper routing of the Rack with proper Cable Management with Ties and Labeling and signages of the Info. outlets, JackPanel & Rack	NOS	18		
6	Street Solar Light				
6.1	18Watt Solar Street lightSystem.				
6.2	75Ah Okaya Battery with 3yrs warranty.				
6.3	75Wp Mehar solar panel with 25 years warranty.				
6.4	18watt led light with 2yrs warranty.(Sunrator)				
6.5	4.0 meter Galvanized pole with metal battery box andstructure.	Nos.	12.00		
PART H - PLUMBING WORKS					
1	Bathroom				
	Dismantling of old C.P.fittings, Chinaware, CI and GI pipes; Providing and fixing new cpvc pipes (HOT and COLD lines) with cpvc fittings (astral make), cpvc waste pipe(prakash) and fittings(UNIK) for Shower, PVC waste pipe (PRAKASH) for wash basin.Cost inclusive of water proofing of sunken slab.Cost inclusive of fixing only of new CP fittings and Chinaware make hindware, jaquar base cost of W.C - 10500, W.B - 6500	Nos.	17.00		
	Providing and fixing of bathroom accessories such as soap holders,toilet paper holders,towel rings,mirrors etc	Nos.	17.00		
2	Kitchen (Plumbing)				
	Providing and fixing new GI pipes (HOT and COLD lines) with cpvc fittings (astral make), PVC waste pipe (PRAKASH) for basin.	Nos.	1.00		
	Providing and Fixing of new CP fittings (Jaquar make) and Sink (Jayna/Neelkanth)	Nos.	1.00		
PART I - ADDITIONAL WORKS					
1	Roller Blinds / curtain blind				
	P/F Fabric roller blinds (Aerolux/ Mac Décor/ Vista) of approved shade and design.	Sq. Mt.	130.00		

2	Glass Board (signage display board)				
	P/F 10mm thick toughened glass panels with polished edges fixed with required nos of 25mm dia SS studs as per instructions of the Architect. Cost inclusive of 3M frosted film on the back of the panel	Nos.	11.00		
3	CCTV				
	CCT providing and fixing with all accessories.	Nos.	40.00		
4	Plantation				
	providing / plant like shrubs , small leaf plants , hedge and etc	Sq. Mt.	109.00		
5	LOOSE FURNITURE				
	King size bed without box and inside outside 1.0 mm mica as per design approved	Nos.	8.00		
	Single Bed without box and inside outside 1.0 mm mica as per design approved	Nos.	10.00		
	Reception Table Size - (5'-0" X 2'-6" X 2'-6")	Nos.	1.00		
	Waiting area Chairs/Sofa (base cost 8500/-)	Nos.	4.00		
	Study Table (4'-0" X 2'-0")	Nos.	6.00		
	Study Chair (Base cost 6500)	Nos.	6.00		
	Conference table for 10 with 10 chairs (4' x 10')	Nos.	1		
	Dining Table for 8 with 8 chairs (3'0" x 6'0")	Nos.	2.00		
	Sofa (Two seater)	Nos.	6.00		
	Round table	Nos.	3.00		
	Chair (Base cost 6500)	Nos.	6.00		
	TV Unit	Nos.	19.00		
	Dressing table (2'-0" x 6'-0")	Nos.	3.00		
	Wash basin vanity (Wooden work)	Nos.	17.00		
6	Repair Work				
	Solar Gyser	Nos.	1		
	Lift 6 persons capacity	Nos.	1		
	Generator (Gas based)	Nos.	R/O		


SECTION " C " FIRE ALARM


SN	Appearance	Item Description	Make	Description/Technical Specifications	Qty	Unit	Rate (INR)	Amount
Sub-Head (Fire Pumps & Accessories)								
1		Providing & fixing of Optical type smoke detector/Heat Detector	System Sensor/agni/pallidam	Optical smoke detector uses an internal pulsing LED and a photo-diode at an obtuse angle. In the event of smoke entering the chamber, the light pulse from the LED will be scattered and registered by the photo-diode.	64	Nos		
2		Providing & fixing of Manuall Call Point	System Sensor/agni/pallidam	Breakglass Callpoints are the manual way of activating a fire alarm system, with building occupants breaking the glass in order to sound the alarm. feature :- Safe and reliable operation ,Test keys available ,Resettable model options, Flush, Low Profile and Surface Mount options	12	Nos		
3		Providing & fixing of Hooter	System Sensor/agni/pallidam	Hooter Hi - Intensive (M.S. -I) Extra hi - intensive sound (upto120db) Tested by ERTL as per IS: 2189 Best used in sound polluted areas Available in three different tones Used in electrical operation	12	Nos		



4		Providing & fixing of 8 zone microprocessors fire control panel.	System Sensor/agni/pallidam	<p>Fire alarm systems that are known for their following features:</p> <p>40 x 2 character LCD for all event & message display</p> <p>4 wire communicator in loop with all active & passive repeater, monitor modules, control modules, etc</p> <p>Alarm verification</p> <p>Zone evacuation facilities</p> <p>Up to 30 addresses in single loop panel</p> <p>Conventional detectors CBS, RIS, hooters are connected in loop by 485 communication</p> <p>Voice evacuation and PA system interfacing</p> <p>Autodialer connectivity</p> <p>Extra potential free contacts for fire and fault</p> <p>Separate LED indication for normal, fire and fault for each devices.</p>	1	Set.		
5		Providing & fixing of 7 Ah battery	Amron		2	Nos		
6		Supply of ISI marked Copper cable insulated, armoured, served, sheathed Cable.	Policab/national/havells	<p>With terminal joints by palm or pin type cable sockets (lugs), insulating with tapes, double compression type brass and nickel plated compression glands. On surface, the cable run fixed on M.S. clamps etc.of suitable size or as directed by engineer-in-charge, complete in all respects.</p> <p>In ground the cable shall be laid at a depth of 750 mm from ground Level including a cushion of 75 mm thick.</p> <p>The armoring shall be properly connected with the earth conductor by clamps etc.</p>				
7	a	1.5 sqmm 2 core	Policab		1350	Mtr.		




14		Providing & fixing of ABC Type Fire Extinguishers.	Omex	ABC Fire Extinguishers use monoammonium phosphate, a dry chemical with the ability to quickly put out many different types of fires by smothering the flames. This pale, yellow powder can put out all three classes of fire: Class A is for trash, wood, and paper. Class B is for liquids and				
B		6 kg			0	No.		
15		Providing & Fixing of Carbon Dioxide(CO2) Type Fire Extinguishers		A carbon dioxide (CO2) fire extinguisher is a portable, active fire protection device that works by expelling carbon dioxide onto a fire. It works by displacing the oxygen the fire relies upon to continue burning, and it is primarily used to extinguish fires in which the source of the fuel is a flammable liquid or				
a		4.5 kg			0	No.		
		Providing & Fixing Mechanical foam (AFFF) Gas Cartridge Type extinguishers are ideal for installation in outdoor environments. These fire extinguishers are preferred in warehouses, petrol filling areas and factories where there is a dual risk of solid materials and flammable liquid fires.		AFFF fire extinguisher after operating on fire prone area produces a layer which helps in cooling as well as blanketing effect results in extinguishing fire. Another key property of the foam is its ability to seep its way into absorbent fuel sources which prevents reigniting risks. Mechanical foam fire extinguishers carry a yellow colour band which is clear and easy to see in the event of any emergency.				
	a	50 lt			0	No.		


SECTION " D " FIRE FIGHTING



SN	Appearance	Item Description	Make/ Model	Description/Technical Specifications	Qty	Unit	Rate (INR)	Total
Sub-Head A (Fire Pumps & Accessories)								
3		Supply, Erection, testing & Commissioning of electric motor driven Automatic Jockey Pump set consisting of the following as per specifications:	Kirloskar	(i) Horizontal mounted centrifugal type single stag fire pump for building pressure loss due to any leakage in the system and capable to deliver approx. 180 LPM against a total head of 70 M having cast iron body, bronze impeller, stainless steel shaft and complete with 100 mm strainer on suction side. (ii) Squirrel cage induction motor totally enclosed fan cooled type suitable for 415 Volt (+,- 10%) 3 Phase 50 Hz. AC Supply of suitable capacity for the above pump with Synchronous speed of 2900 rpm confirming to IS:325.(iii) Common base plate for mounting pump and motor fabricated of suitable MS channel and coupling, guard etc.(iv) Anti-Vibration mounted pad. (v) Suitable RCC pump foundations as per manufacturer's design and 6 Nos Dunlop ant vibration (cushy foot) heavy duty outting pads with vibration eliminators of approved make.				





3.1		Jockey Pump		180 LPM 40 Mtr. Head	1	set		
		Supply, Erection, testing & Commissioning of electric motor driven Automatic Main Pump set consisting of the following as per specifications:	Kirloskar	(i) Horizontal mounted centrifugal type single stag fire pump for building pressure loss due to any leakage in the system and capable to deliver approx. 180 LPM against a total head of 70 M having cast iron body, bronze impeller, stainless steel shaft and complete with 100 mm strainer on suction side. (ii) Squirrel cage induction motor totally enclosed fan cooled type suitable for 415 Volt (+,- 10%) 3 Phase 50 Hz. AC Supply of suitable capacity for the above pump with Synchronous speed of 2900 rpm conforming to IS: 325. (iii) Common base plate for mounting pump and motor fabricated of suitable MS channel and coupling, guard etc. (iv) Anti-Vibration mounted pad. (v) Suitable RCC pump foundations as per manufacturer's design and 6 Nos Dunlop ant vibration (cushy foot) heavy duty outting pads with vibration eliminators of approved make.				
								
3.1		Main pump		1620 LPM 40 Mtr. Head	1	set		




1		Supply, Erection, testing & Commissioning of Diesel Engine driven (stand by) fire pumping set suitable for automatic operation consisting of the following as per the following specification.	Kirloskar	(i) Horizontal mounted centrifugal type single stag fire pump having cast iron body, stainless steel shaft, bronze impeller & capacity of delivering 2250 LPM against a total head of 60 Meter (ii) Squirrel cage induction motor totally enclosed fan cooled type suitable for 415 Volt (+,- 10%) 3 Phase 50 Hz. AC Supply of suitable capacity for the above pump with Synchronous speed of 2900 rpm confirming to IS:325. (iii) Water cooled, high speed Diesel Engine complete with Heat exchanger, automatic starting mechanism, batteries, automatic battery charger unit, fuel tank, silencer.(iv) Common base plate for mounting pump and motor fabricated of suitable MS channel and coupling.	0	set		
4		Design, manufacture, supply, storing, inspection, handling, assembling, installation in correct alignment, position, affecting proper connections, testing and commissioning of 14 SWG CRCA sheet steel fabricated cubical type Electrical Control Panel for fire fighting pumps floor mounting, dust & vermin proof, front operated construction, enclosure class - IP 52.	Fabricated	Complete with top/bottom removable gland plates, as required, double compression type cable glands, earth bus, hinged and lockable doors. Complete with all inter connections small wiring by min. 2.5 sq. mm. copper wires, ckt labels, The Copper Bus Bar shall be of suitable length, 500 Amp., 3 phase 50 Hz TPN, electrolytic copper. The panel shall be provided with interlocking arrangement between electric motor driven and diesel engine driven pumps. Provisions shall be made for providing potential free contacts to all pump starters for connection to building automation system / Fire alarm control panel. The fault withstanding capacity of panel shall be 35 KA rms for 1 sec.Following Fire fighting pumps shall have to be controlled - Incomer : 160 AMP FP MCCB with flush mounting square CT operated ammeter with selector switch, Voltmeter with selector switch	1	No.		



5		<p>Providing, fixing of Pressure Gauge of required capacity as per fire fighting nob.</p>	Hguru	<p>Pressure Test Gauge connects to any $\frac{3}{4}$ " garden hose connection and is just the thing for quickly checking residential or commercial water systems for pressure problems. The PG150 Water System Pressure Test Gauge's re-settable maximum pressure hand stays at the water system's highest pressure point during the test period. The Water System Pressure Test Gauges provide a quick indicator of any pressure spikes that might have occurred.</p>	4	No.		
6		<p>Providing, fixing of Pressure switch to operate of fire pump automatically on/off.</p>	Indfos	<p>Pressure switch is a form of switch that makes electrical contact when a certain set pressure has been reached on its input. This is used to provide on/off switching from a pneumatic or hydraulic source. The switch may be designed to make contact either on pressure rise or on pressure fall.</p>	2	No.		
7		<p>Providing and fixing, C.I. double flanged horizontal / vertical type Check valve NON return valve (NRV) including nuts, bolts 3 mm thick rubber insertions compete to IS : 5312 Part – 1 swing type class (PN : 16 type)</p>	Joloto/sant/sks/kartar	<p>These check valves allow the flow of fluids in one single direction and therefore named as one-way valves and as they have two openings, one being for the fluid to enter and the other for it to exit, it is termed as two port valves. The check valves are made from qualitative metal and plastic providing durability and low maintenance. Part of the common household products, the check valves function without external control. The most vital aspect of these valves is the cracking pressure, the pressure at which it functions. Our range is available in a variety of sizes and costs, wherein the valves are usually small, simple and low rated.</p>				



a		150 mm dia			0	Nos.		
		100 mm dia			2			
b		80 mm dia.			1	Nos.		
8		Providing & fixing of Butterfly Valve suitable for pressure 15 kg/cm ² with flanges. Nut bolts and gasket complete as required. (PN : 16 type)	Joloto/sant/sks/kartar	Butterfly valve is a type of flow control device, typically used to regulate a fluid flowing through a section of pipe. A flat circular plate is positioned in the center of the pipe. The plate has a rod through it connected to an actuator on the outside of the valve. Rotating the actuator turns the plate either parallel or perpendicular to the flow. Unlike a ball valve, the plate is always present within the flow, therefore a pressure drop is always induced in the flow regardless of valve position. butterfly valve is from a family of valves called quarter-turn valves. The "butterfly" is a metal disc mounted on a rod. When the valve is closed, the disc is turned so that it completely blocks off the passageway. When the valve is fully open, the disc is rotated a quarter turn so that it allows an almost unrestricted passage of the process fluid. The valve may also be opened incrementally to regulate flow.				
a		150 mm dia			0	Nos.		
b		100 mm dia			4	Nos.		
		80 mm dia			8			
		65 mm dia			2			
c		50 mm dia			0	Nos.		

10		Providing & Fixing of ISI marked M.S. C Class Pipe and specials etc. (as per IS: 1239)	Jindal hissar	for above ground laying for hydrants and sprinkler system including transportation of materials up to the worksite, cutting the pipes to required length, edge preparation, welding, fixing / erection of pipes including specials i.e. bends, tees, reducers, flanges, expansion joints wherever required, washers, nuts, bolts etc. in proper position , anchor fastener and washer for hydrant / sprinkler piping, jointing by welding, aligning the pipe line, . Hydrostatic testing of system as specified, flushing & cleaning by water etc. complete as per drawings & direction of the Engineer-in-charge.				
a		25 mm dia			96	Mtr.		
b		32 mm dia.			6	Mtr.		
c		40 mm dia			6	Mtr.		
d		50 mm dia			6	Mtr.		
e		65 mm dia.			30	Mtr.		
f		80 mm dia			6	Mtr.		
g		100 mm dia.			96	Mtr.		
h		150 mm dia.			6	Mtr.		
11		Providing & Laying of wrapping & Coating 2 coat of B.J.P. The thickness of wrapping material shall be 5 mm minimum	Pipe cote		12	MTR		

12		Providing & Fixing of ISI marked single headed 63 mm dia. S S Hydrant Valve, 80 mm dia flanged inlet with 63 mm female instantaneous outlet conforming to IS : 5290-1977 on the fire wet riser/down comer.	Newage/Safeguard/LIFEGAURED/Ome x	including making 80 NB pipe connection with riser along with 100 mm dia dial pressure gauge of calibration 0-15 kg/sq cm, fixing the landing valves in proper positions, including supply of nuts, bolts, gaskets, caps, chains etc. testing the hydrant and completing the work in all respect as per directions of the Engineer-in-charge.	7	Nos.		
13		Providing and fixing 63 mm dia instantaneous patterns branch short S S METEL pipe	Newage/Safeguard/LIFEGAURED/Ome x	16 mm dia nozzle conforming to IS : 903 suitable for inter connection to hose pipe coupling complete as required.	7	Nos.		
14		Providing & Fixing of RRL Hose Pipe 63 mm dia and 15 meter long rubberized fabric lined one length including male female instantaneous type coupling wounded complete conforming to IS:636-1988 type A	Newage/Safeguard/LIFEGAURED/Ome x	RRL Hose (Rubber Reinforced Lined) Specification: IS:636 Size : 63 mm x 15 mtr (or as per client requirement) of Brand NEW AGE with Gun Metal Male & Female 63 mm coupling ISI marked conforming to IS:903 Binded with (1)Copper wire and (2)GI wire	16	Nos.		
15		Providing & fixing of 2 Ways G.M. fire brigade Inlet (FBI).	Newage/Safeguard/LIFEGAURED/Ome x	Assembly with 100 mm dia outlet suitable for local fire tender complete as required.	1	Nos.		

18		Providing & Fixing of 20 mm bore and 30 meter long Hose Pipe (high pressure rubber braided hose pipe as per IS: 444)	Newage/ Safeguard /LIFEGAU RED	Hose reel suitable for 10 kg/sqcm operating pressure for first aid fire fighting conforming to IS : 884, with 180o full swing drum, fixing brackets, shut off gun metal nozzle, 40 mm dia. hand lever operated isolating ball valve, connecting directly from the riser through 40 mm dia. G.I.pipe with sockets, elbows, nipples etc. including providing operating instructions on a metal plate and fixing it near hose reel. The system shall be complete in all respects as per drawings and directions of Engineer-in-charge.	7	Nos.		
19		Providing and fixing standard fire Hose Cabinet door frame (750 x 600 mm x 250 mm) suitable to fit in the duct made of not less than 16 SWG MS sheet having full fronted glass hinged door (5 mm thick clear glass)	Fabricated	including necessary locking arrangement with handle as required as per drawings, including brackets for mounting accessories, painting (one coat primer and two coats of fire red color). The door shall be fixed in the masonry wall or as required. The words "FIRE HOSE" to be painted on the box.	7	Nos.		
22		Providing & Fixing of M.S. structural work fabricated from standard section.	ISI	E.g. M.S. angle, channels, plate including cutting to size, drilling, welding, fixing and welding to inset plate in RCC structural members or insert plate fasteners as per site conditions as directed by engineers in charge including, cutting and making good the walls cutting and colors. (for pipe support clamp etc.)	150	KG		

23		Providing and fixing of Sprinkler head operated at 68 degree Temperature complete with rosier plate and M.S. Reducer.	HD /7Star	Each closed-head sprinkler is held closed by either a heat-sensitive glass bulb or a two-part metal link held together with fusible alloy such as Wood's metal and other alloys with similar compositions. The glass bulb or link applies pressure to a pip cap which acts as a plug which prevents water from flowing until the ambient temperature around the sprinkler reaches the design activation temperature of the individual sprinkler. Because each sprinkler activates independently when the predetermined heat level is reached, the number of sprinklers that operate is limited to only those near the fire, thereby maximizing the available water pressure	45	Nos.		
26		Providing & fixing of 25 mm dia Air Release valve with forged brass body full way ball valve	SB/KART AR	Type isolating valve, flanges / union, suitable for sprinkler / wet riser / down comer system with all necessary connections complete in all respects.	1	Nos.		
27		Providing & fixing of hand lever operated forged brass body full way Ball Valve type isolating valve	Sant/KAR TAR	Having forged brass hard chrome plated mirror finish ball, steel handle with PVC grip, Teflon seat, screwed ends tested to a pressure of 15 kg/sqcm complete.				
28		25 mm dia.			8	Nos.		

29		Providing & fixing of CI 'Y' Type Strainer flanged with SS 304 perforated screen.	ISI/AMR OLD	"Y" type including, nuts, bolts and 3mm thick rubber insertion complete."Y" Strainer is rated for 640 psi (44.1 Bar) at 100°F (38°C). The "Y" Strainer provides economical strainer protection for piping equipment such as pumps, meters, valves, compressors, traps and similar equipment. The inlet and outlet ends are suitable for installation				
b		100 mm dia.			1	Nos.		
31		Providing and laying of ISI marked Aluminium Cable insulated, armoured, served, sheathed Cable.	Gloster	With terminal joints by palm or pin type cable sockets (lugs), insulating with tapes, double compression type brass and nickel plated compression glands. On surface, the cable run shall be on MS cable tray or fixed on M.S. clamps etc.of suitable size or as directed by engineer-in-charge, complete in all respects. In ground the cable shall be laid at a depth of 750 mm from ground Level including a cushion of 75 mm thick. Fine river sand alround, duly protected by bricks on sides and top including excavation and back filling of soil or laid in RCC hume pipe as called for. The armoring shall be properly connected with the earth conductor by				
a		16sq.mm 4 core			70	Mtr.		
a		25sq.mm 4 core			70	Mtr.		
b		1.5sq. mm 2 core Copper Cable			70	Mtr.		

SECTION " E " AIR CONDITIONING SYSTEM

S.No.	Description	Unit	Qty.	Rate	Amount
1	<u>Aircooled Split Units</u>				
	Supply of aircooled type ductable / cassette/ floor standing unit air-conditioning system complete with indoor and outdoor units with individual controller for cooling application as per the specifications and drawings. The indoor unit complete with DX coil, filters, blowers with motor and drive, refrigerant piping connection etc.				
1.1	1.8 TR Split Unit	Nos.			
1.2	1.5 TR Split Unit	Nos.	18		
1.3	1.0 TR Split Unit	Nos.	1		
	Gas - R-32 / 410				
	Make - carrier, hitachi, bluestar, lg				
2	<u>Copper Piping</u>				
	Supply, Installation, Testing & Commissioning of high pressure copper refrigerant piping suitable size as required and duly insulated with 09mm/13mm thick closed cell elastomeric insulation in tubing form. Piping inside occupied spaces shall be supported using MS hangers duly painted with black enamel paint. Entire refrigerant piping work shall be carried out in accordance with the specifications.				
2.1	1.5 TR Split Unit	RMT	100		
2.2	1.0 TR Split Unit	RMT	5		
3	<u>Control Cabeling</u>				
3.1	Supply, laying, affecting connections and Testing of the following sizes of 1.1 KV PVC insulated copper conductor cables. Cables shall be inclusive of all clamps, saddles, screws, cable identification tags, cable terminal joints including terminal lugs, insulating tapes, affecting terminal connections to the equipment as per the specifications and as required. control cable for Ductable indoor to out door unit only.	Rm	30		
3.2	Supply, laying, affecting connections and Testing of the following sizes of 1.1 KV PVC insulated copper conductor cables. Cables shall be inclusive of all clamps, saddles, screws, cable identification tags, cable terminal joints including terminal lugs, insulating tapes, affecting terminal connections to the equipment as per the specifications and as required. Control cable for Cassette/ floor standing indoor to out door unit only.	Rm	105		

4	Drain Piping				
	Supply, Installation, Testing and Commissioning of PVC pipes cut to required lengths and installed for condensate drain. Quoted price shall be inclusive of supply and fixing in position the necessary fittings like elbows, tees reducers etc., and supporting arrangement in accordance with the approved shop drawings and specifications. Pipes shall be insulated with 6 mm thick closed cell elastomeric insulation with properties in tubing form . Pipes shall be of following sizes :				
4.1	40 mm	Rm			
4.2	32 mm	Rm	15		
4.3	25 mm	Rm	60		
5	Supply, Installation, Testing and Commissioning of circular inline fans for exhaust air as shown on drawings, complete with sheet metal casing, direct driven centrifugal fan, motor with proper protection and inspection door,gravity louvers etc. as per the specifications. Single Phase inline fans shall be provided with speed regulators. Fan shall be suitable for installation or as shown on drawings and shall be of following capacities :				
5.1	150 CFM	Nos.	21		
5.2	250 CFM	Nos.	2		
6	Supply of MS floor mounted duly painted stand for Ductable Out door unit				
		Nos.	R/O		
7	Supply of floor mounted duly painted stand for Cassette / Split Out door unit				
		Nos.	19		
8	Supply & Charging of refrigerant gas				
		Kgs.	5		
18	Supplying & Fixing of following sizes of GI cable tray perforated type of height 25mm along with necessary bends, reducers etc. anchored along the wall / suspended from the ceiling with necessary supports for exposed copper pipe.				
18.1	300mm wide	Rmt	R/O		
18.2	200mm wide	Rmt	R/O		

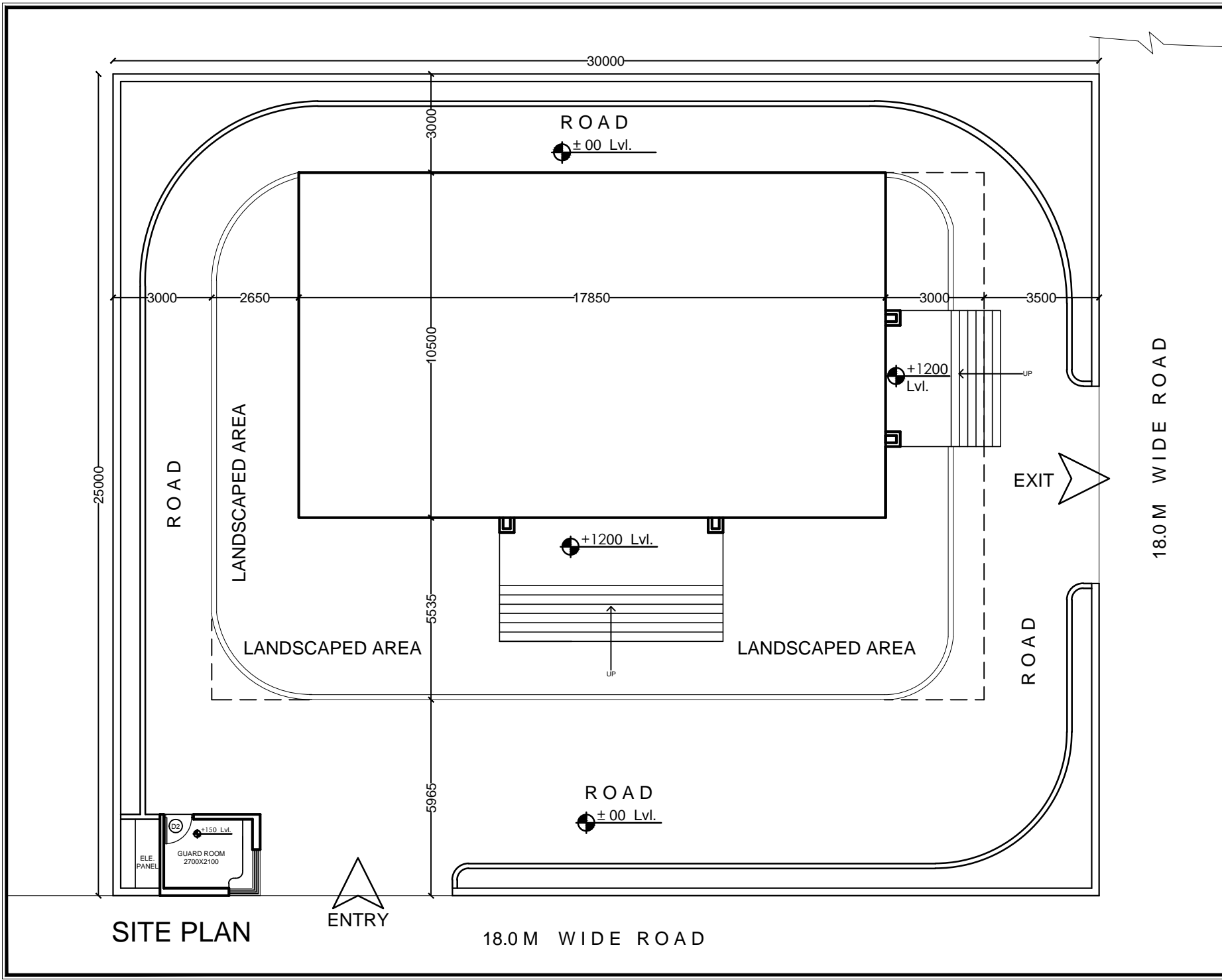
19.0	SITC of stablizer copper binding				
		Nos.	R/O		
20.0	Brick Wall chassing				
		RFT	R/O		
21.0	Wall opening	Nos.	R/O		
		Nos.	R/O		
22.0	SITC of covered box for open copper piping				
		RFT	R/O		
Total Rs.					

Total Rs in Words _____

Date :

Signature of Bidder with stamp

PLAN AND ELEVATIONS



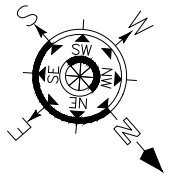
SITE PLAN

ENTRY

18.0M WIDE ROAD

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AREA STATEMENT
 SITE AREA = 750 Sq.Mtrs.



REVISION	DATE	ISSUED TO

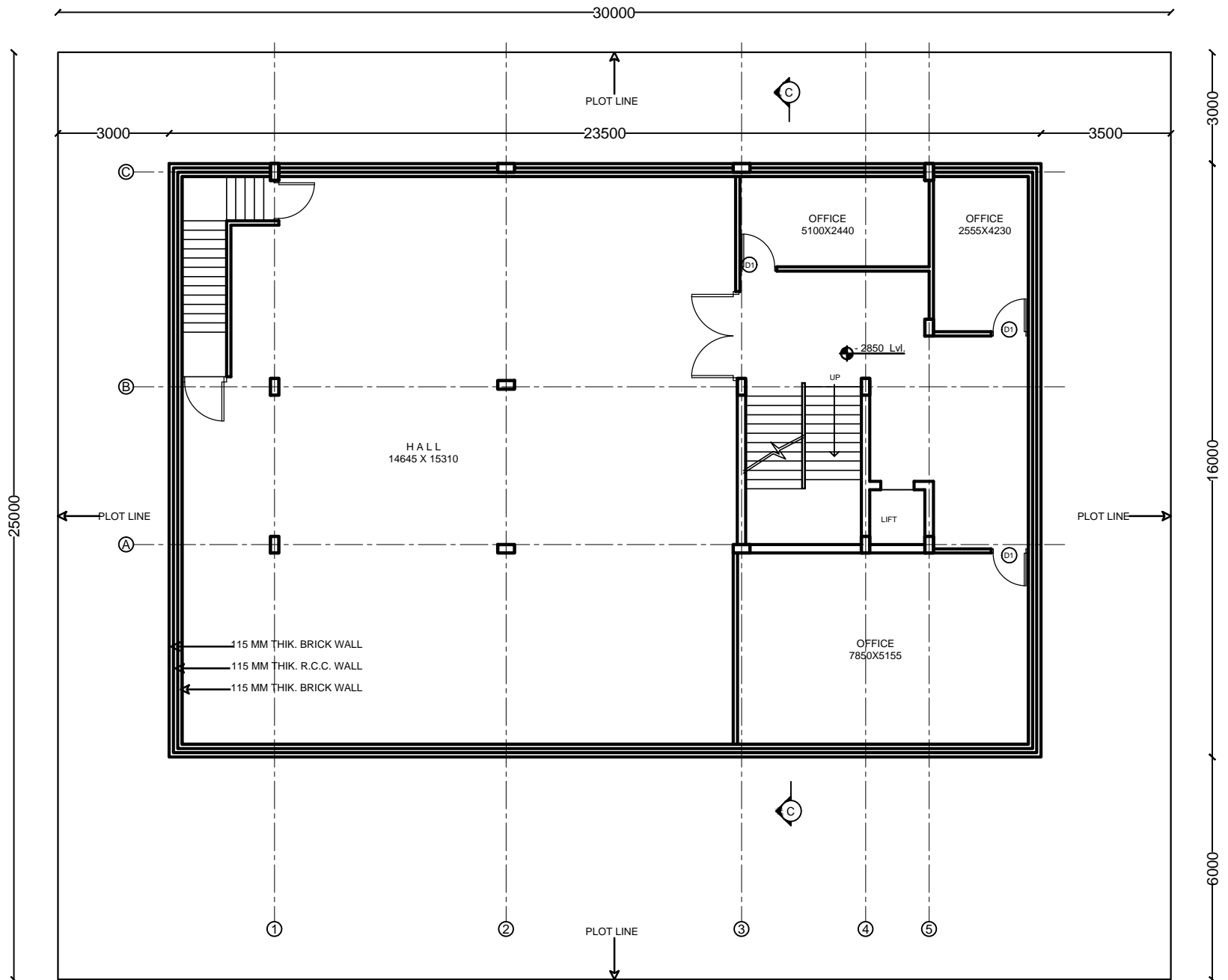
PROJECT :
PROPOSED OFFICE BUILDING AT PLOT NO.22,POCKET FC/83,JASOLA,NEW DELHI

CLIENT :
NFCFS

TITLE :
SITE PLAN

CHECKED BY	SCALE	DATE	DEALT BY	SHEET NO.
	1:100	26 MAY 2022		

ARCHITECT:
 **STUDIO ELEVEN** Architects & Interior
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BASEMENT PLAN

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AREA STATEMENT
 BASEMENT AREA = 349.3 Sq.Mtrs.



REVISION	DATE	ISSUED TO

PROJECT :
PROPOSED OFFICE BUILDING AT PLOT NO.22,POCKET FC/83,JASOLA,NEW DELHI

CLIENT :
NFCSF

TITLE :
BASEMENT LAYOUT PLAN

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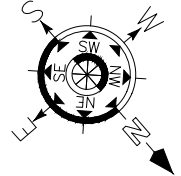
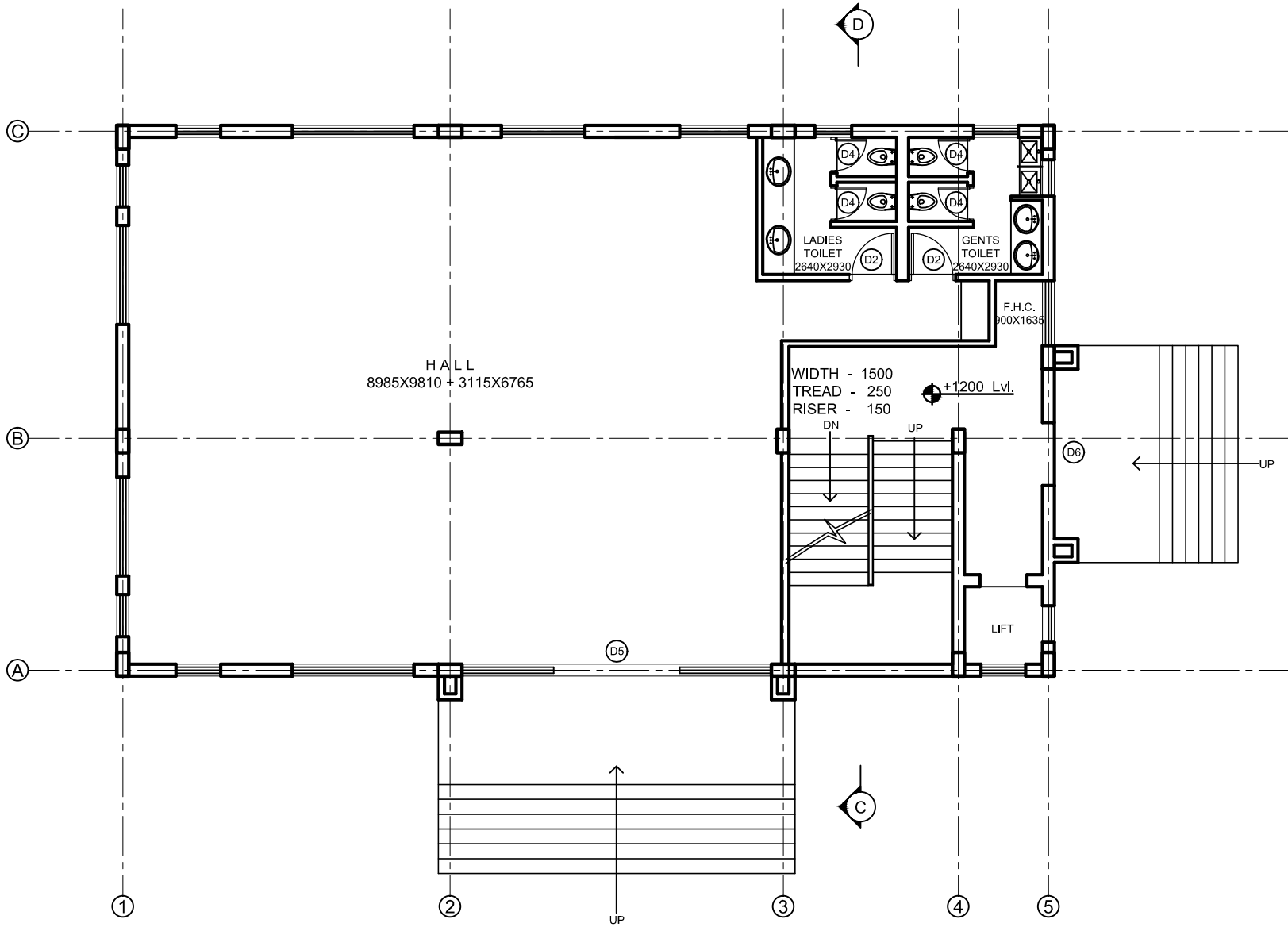
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AREA STATEMENT

GROUND FLOOR AREA = 187.7 Sq.Mtrs.



REVISION	DATE	ISSUED TO

PROJECT :
PROPOSED OFFICE BUILDING AT PLOT NO.22,POCKET FC/83,JASOLA,NEW DELHI

CLIENT :

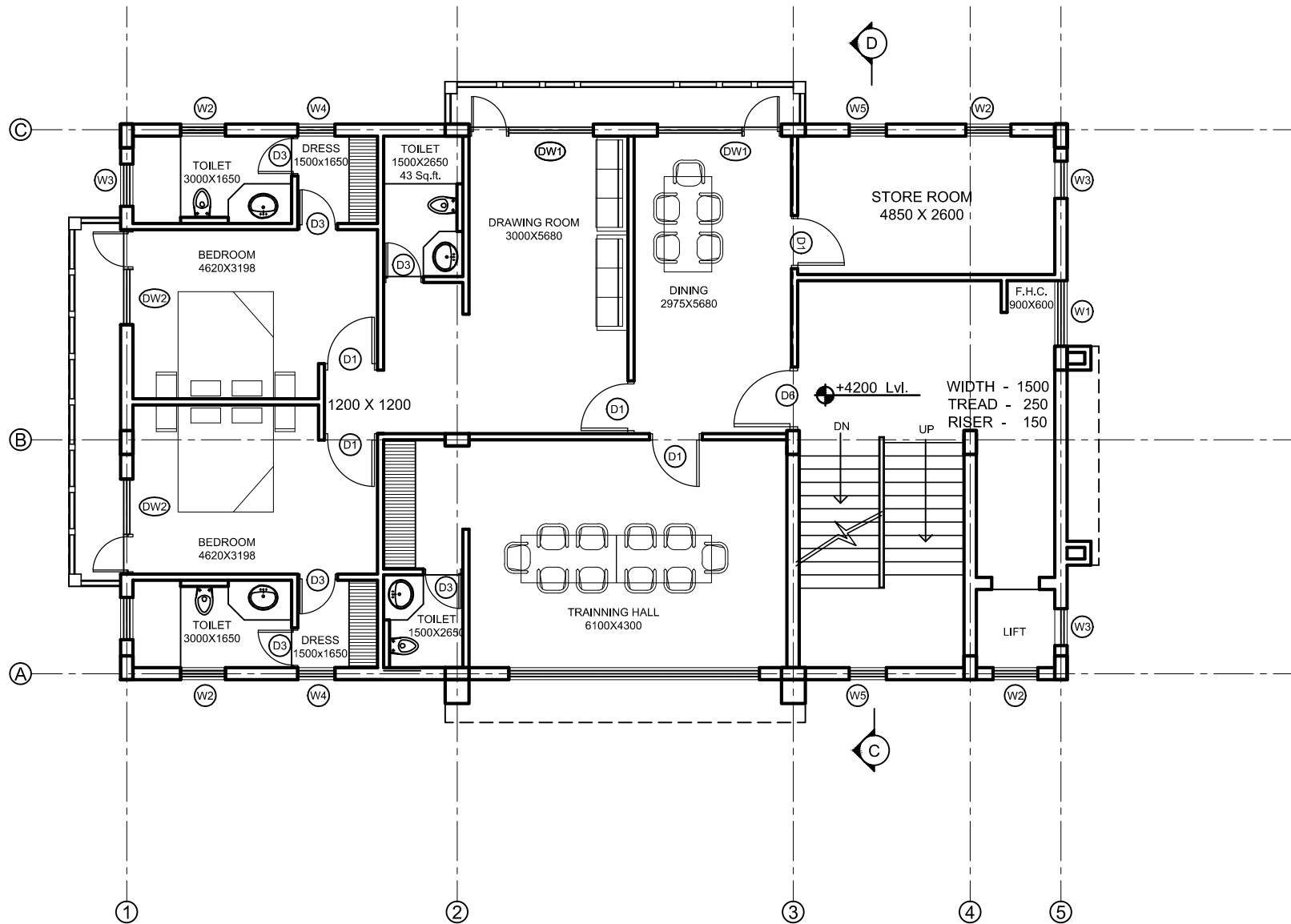
TITLE :
GROUND FLOOR PLAN

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GROUND FLOOR PLAN



FIRST FLOOR PLAN

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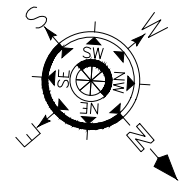
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AREA STATEMENT

FIRST FLOOR AREA = 187.7 Sq.Mtrs.



REVISION	DATE	ISSUED TO

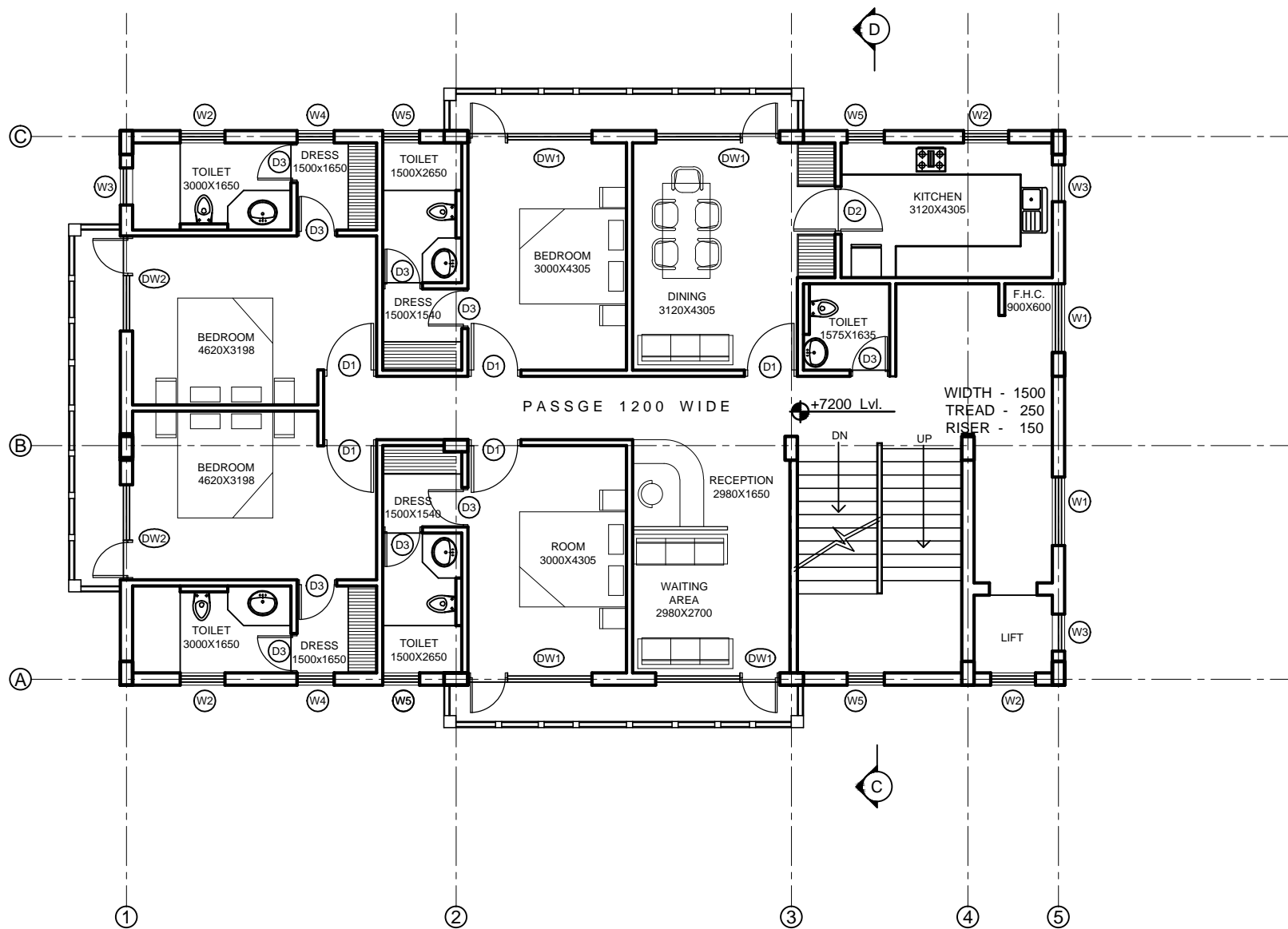
PROJECT :
PROPOSED OFFICE BUILDING AT PLOT NO.22,POCKET FC/83,JASOLA,NEW DELHI

CLIENT :

TITLE :
FIRST FLOOR PLAN

CHECKED BY	SCALE	DATE	DEALT BY	SHEET NO.
	1:75	08 JUNE 2022		

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SECOND FLOOR PLAN

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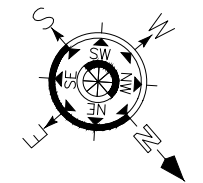
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AREA STATEMENT

SECOND FLOOR AREA = 187.7 Sq.Mtrs.



REVISION	DATE	ISSUED TO

PROJECT :

PROPOSED OFFICE BUILDING AT PLOT NO.22,POCKET FC/83,JASOLA,NEW DELHI

CLIENT :

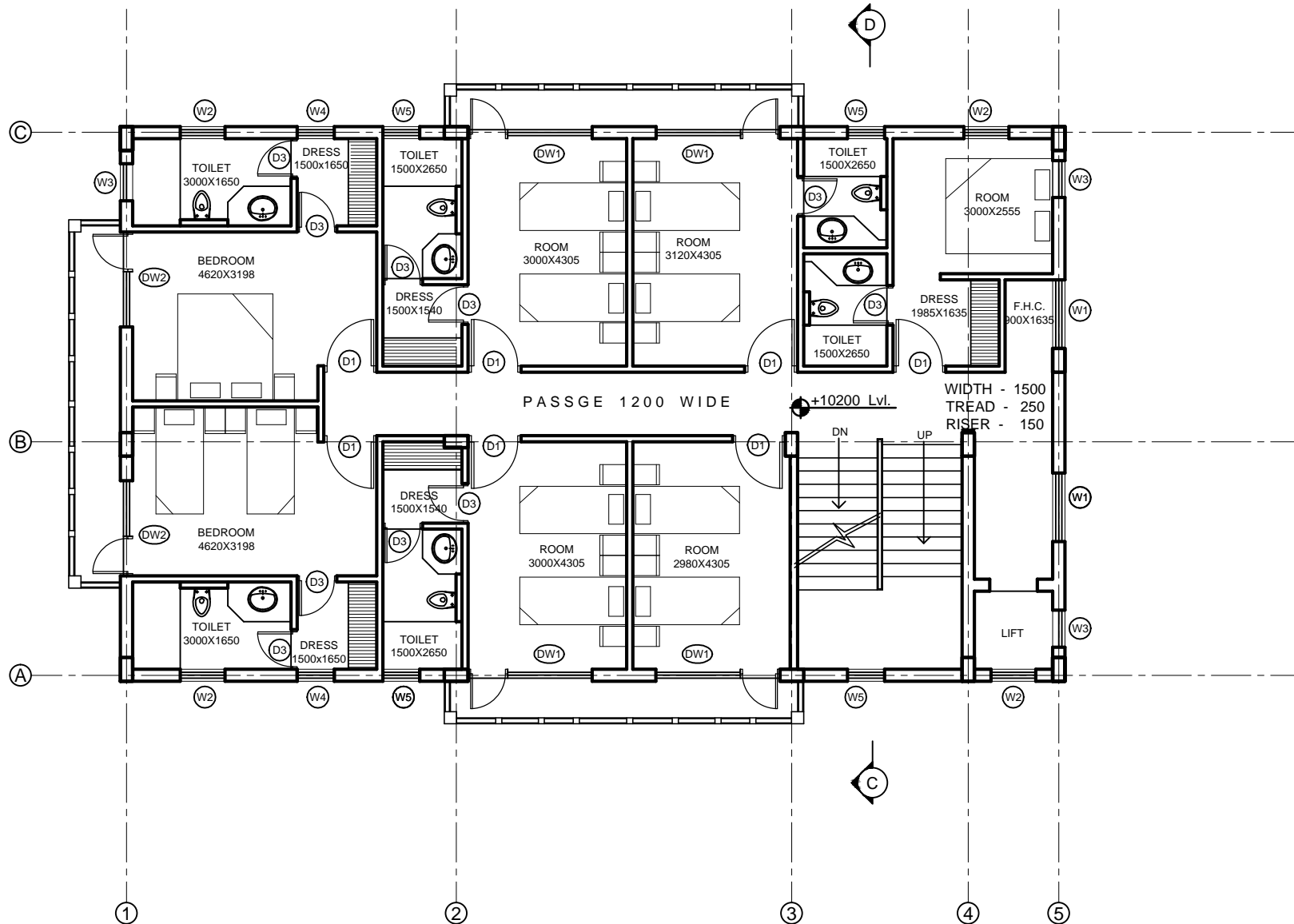
TITLE :

SECOND FLOOR PLAN

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THIRD FLOOR PLAN

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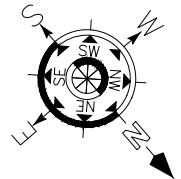
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Dimensions not specified if any are specified on detail drawings.

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AREA STATEMENT

THIRD FLOOR AREA = 187.7 Sq.Mtrs.



REVISION	DATE	ISSUED TO

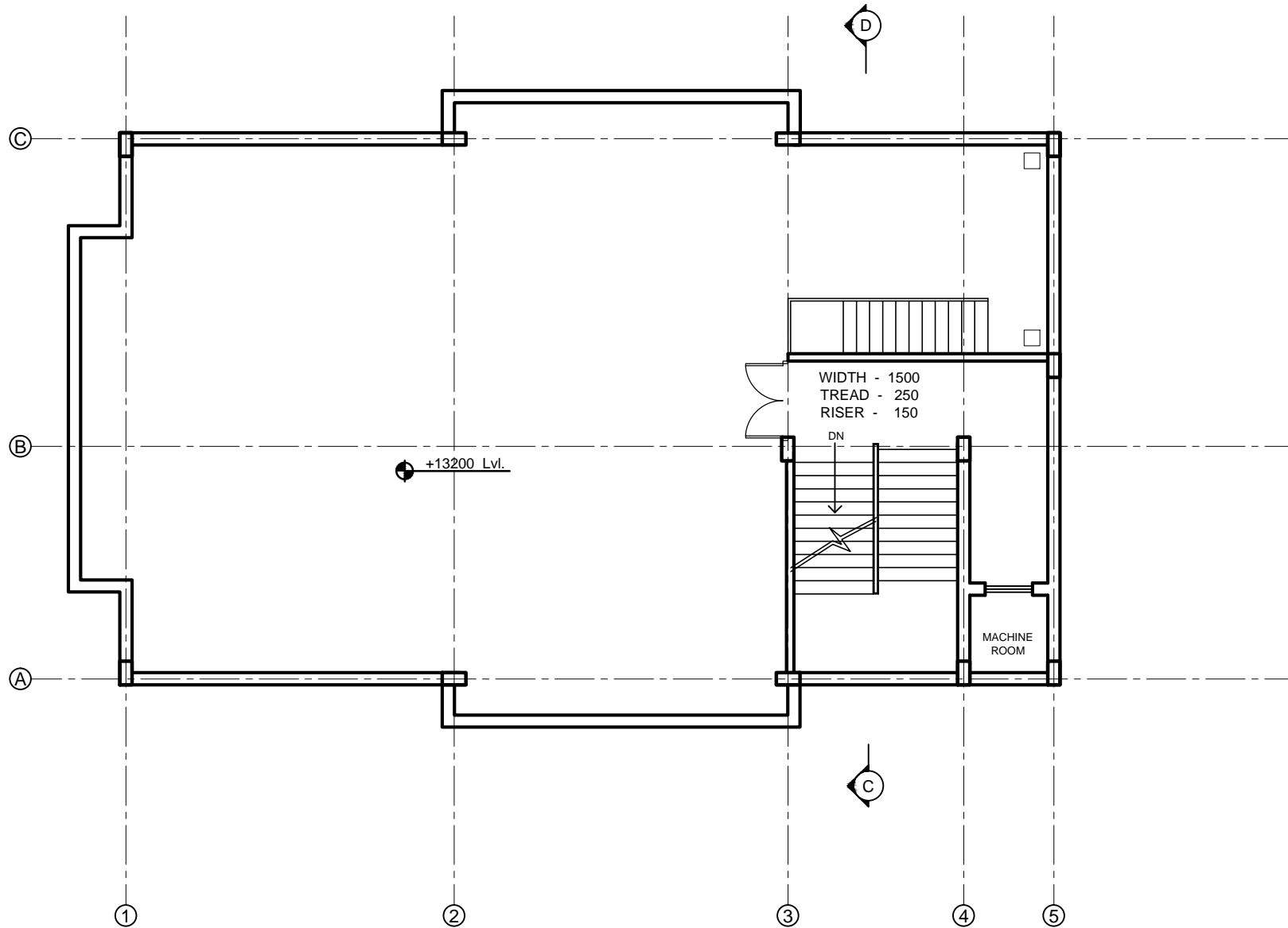
PROJECT :
PROPOSED OFFICE BUILDING AT PLOT NO.22,POCKET FC/83,JASOLA,NEW DELHI

CLIENT :

TITLE :
THIRD FLOOR PLAN

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TERRACE PLAN

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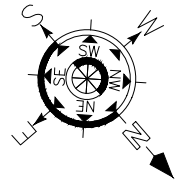
All dimensions are in MM unless otherwise specified.

Dimensions not specified if any are specified on detail drawings.

Drawings must not be scaled & written dimensions to be followed.

AREA STATEMENT

TERRACE FLOOR AREA = 187.7 Sq.Mtrs.



REVISION	DATE	ISSUED TO

PROJECT :
PROPOSED OFFICE BUILDING AT PLOT NO.22,POCKET FC/83,JASOLA,NEW DELHI

CLIENT :

TITLE :

FOURTH FLOOR PLAN

CHECKED BY			
SCALE	DATE	DEALT BY	SHEET NO.
1:75	26 MAY 2022		

ARCHITECT:
STUDIO ELEVEN Architects & Interior
 L - 64 B, L.G.F, Malviya Nagar, New Delhi 110017, Ph : 011-40521366, 9810888900
 onlinestudioeleven@gmail.com,
 www.studioeleven.co.in

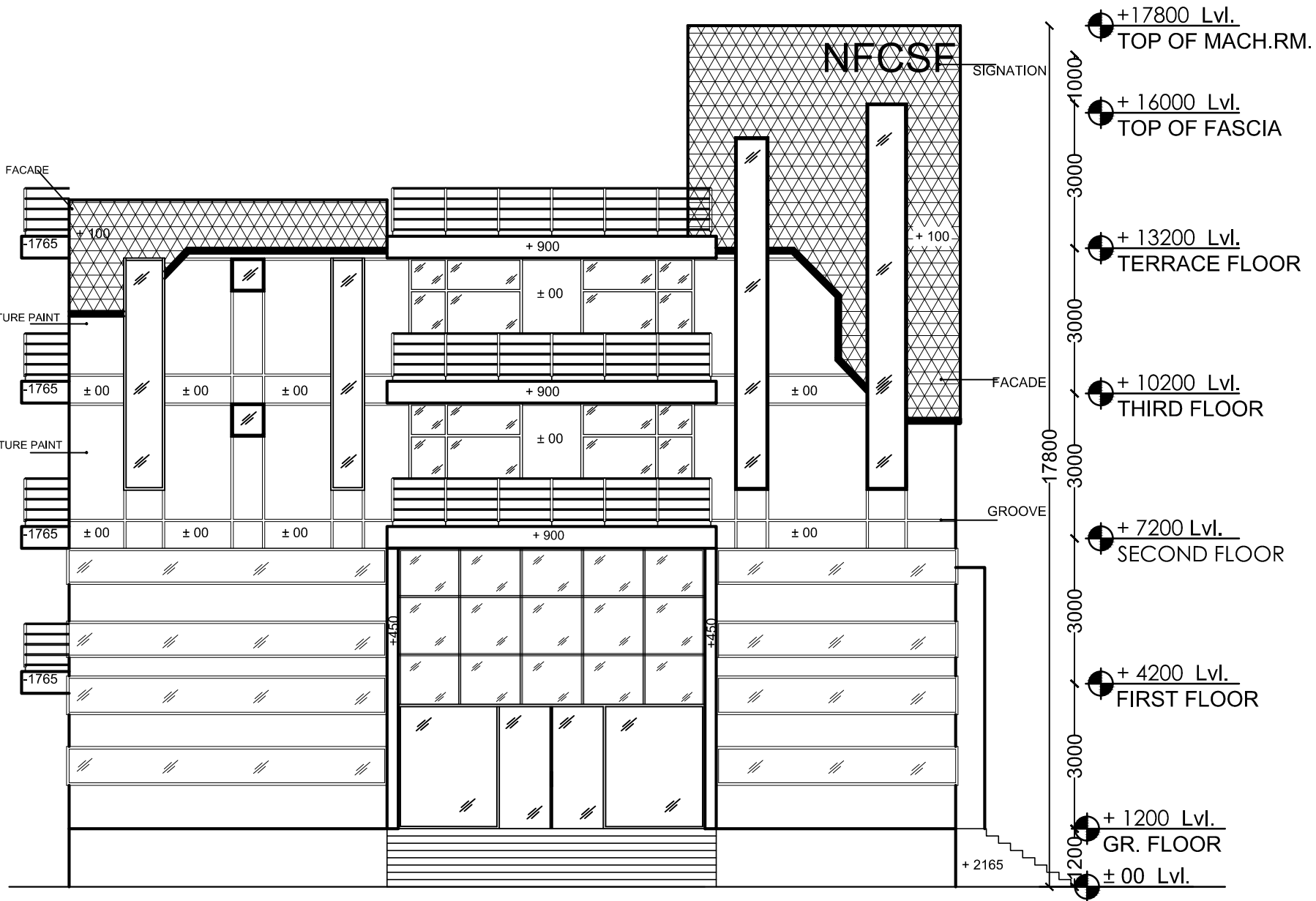
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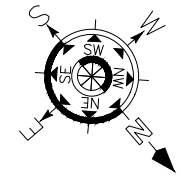
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AREA STATEMENT



FRONT ELEVATION



REVISION	DATE	ISSUED TO

PROJECT :
**PROPOSED OFFICE BUILDING
 AT PLOT NO.22,POCKET
 FC/83,JASOLA,NEW DELHI**

CLIENT :
NFCSE

TITLE :
FRONT SIDE ELEVATION

CHECKED BY : _____

SCALE	DATE	DEALT BY	SHEET NO.
1:75	08 JUNE 2022		

ARCHITECT :
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AREA STATEMENT



REVISION	DATE	ISSUED TO

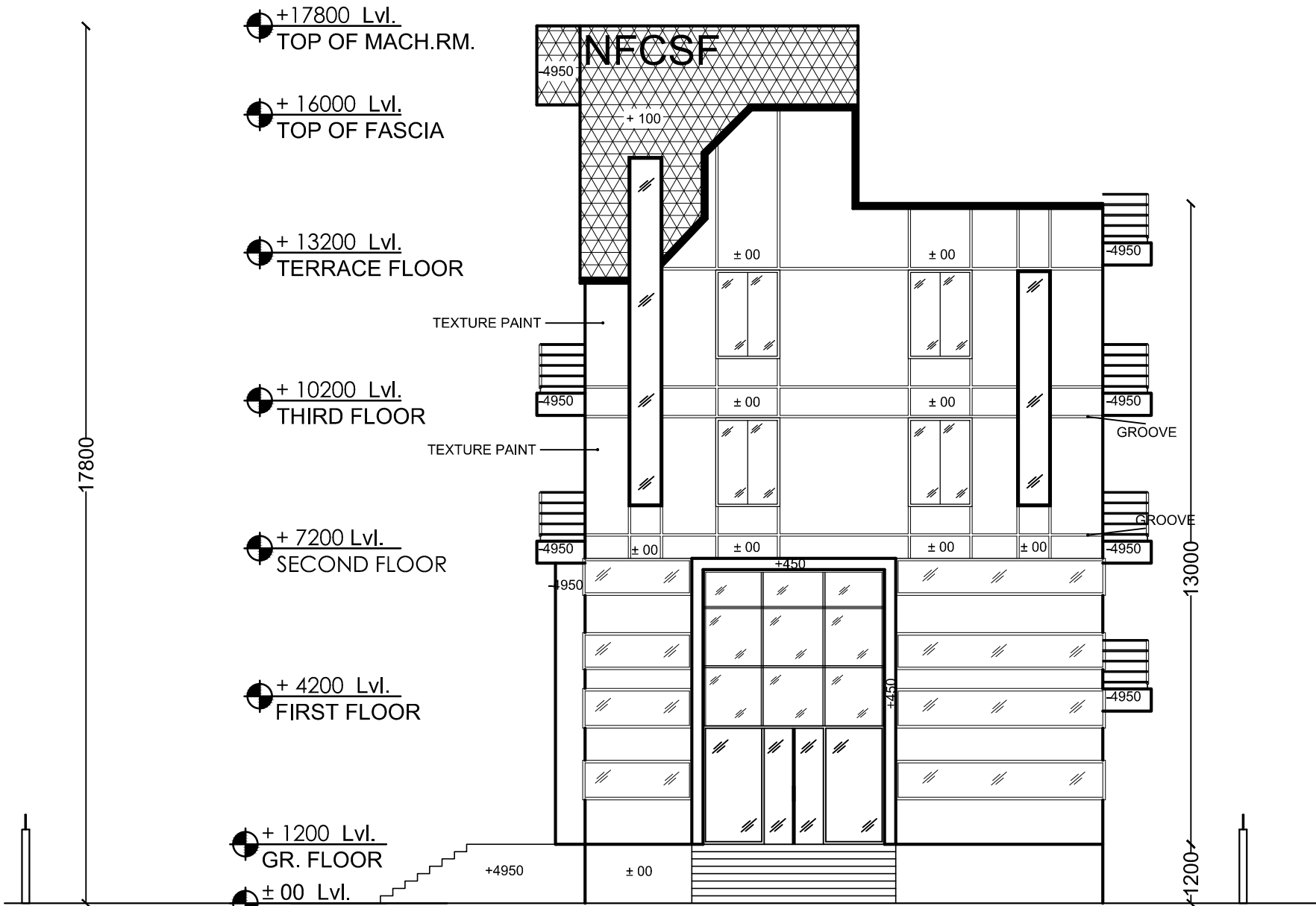
PROJECT :
**PROPOSED OFFICE BUILDING
 AT PLOT NO.22,POCKET
 FC/83,JASOLA,NEW DELHI**

CLIENT :
NFCSF

TITLE :
RIGHT SIDE ELEVATION

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SCALE	DATE	DEALT BY	SHEET NO.
1:75	08 JUNE 2022		

ARCHITECT :
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RIGHT SIDE ELEVATION

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AREA STATEMENT

Blank area reserved for area statement details.

REVISION	DATE	ISSUED TO

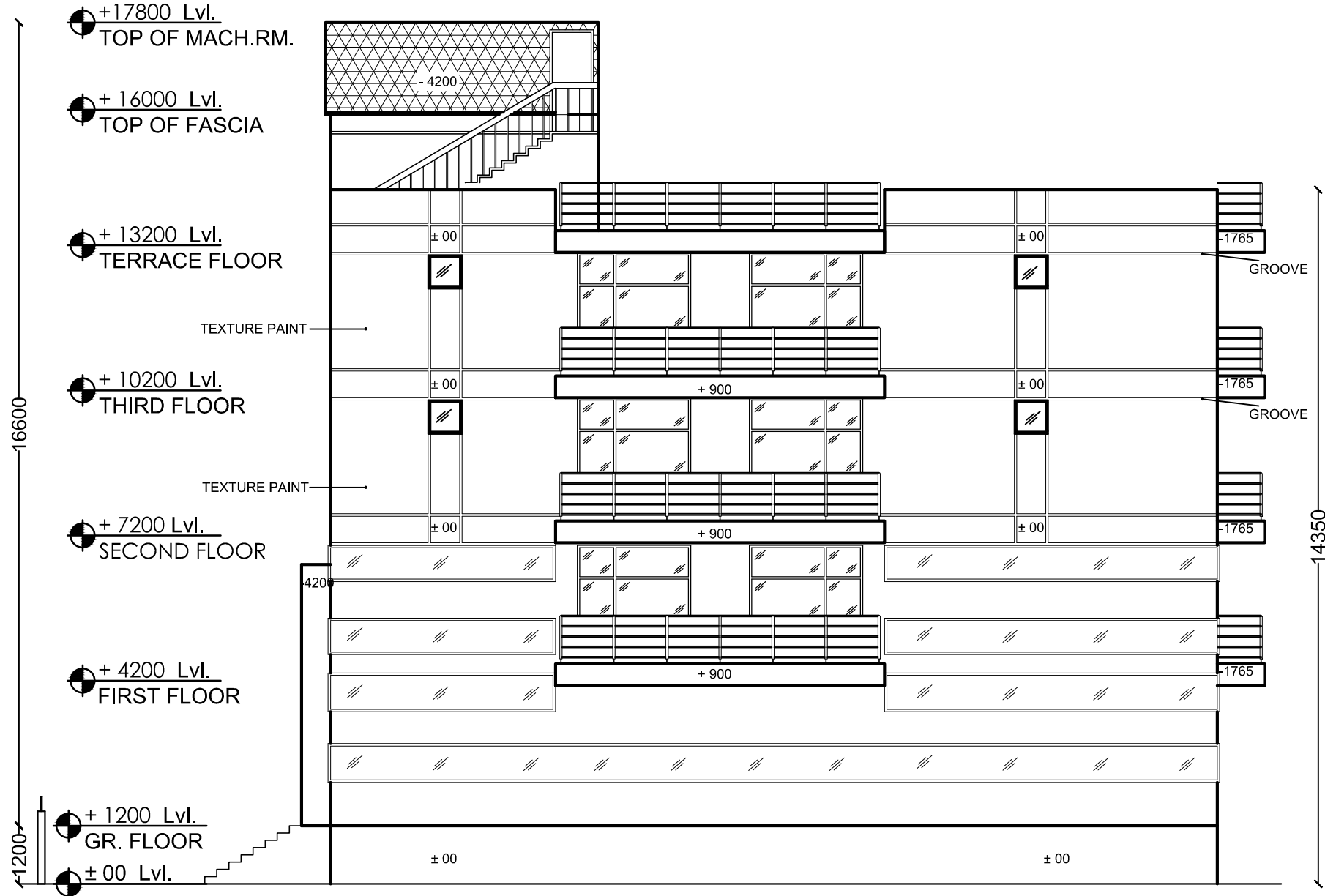
PROJECT :
**PROPOSED OFFICE BUILDING
 AT PLOT NO.22,POCKET
 FC/83,JASOLA,NEW DELHI**

CLIENT :
NFCFS

TITLE :
BACK SIDE ELEVATION

CHECKED BY	
SCALE	DATE
1:75	08 JUNE 2022
DEALT BY	SHEET NO.

ARCHITECT:
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BACK SIDE ELEVATION

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AREA STATEMENT



REVISION	DATE	ISSUED TO

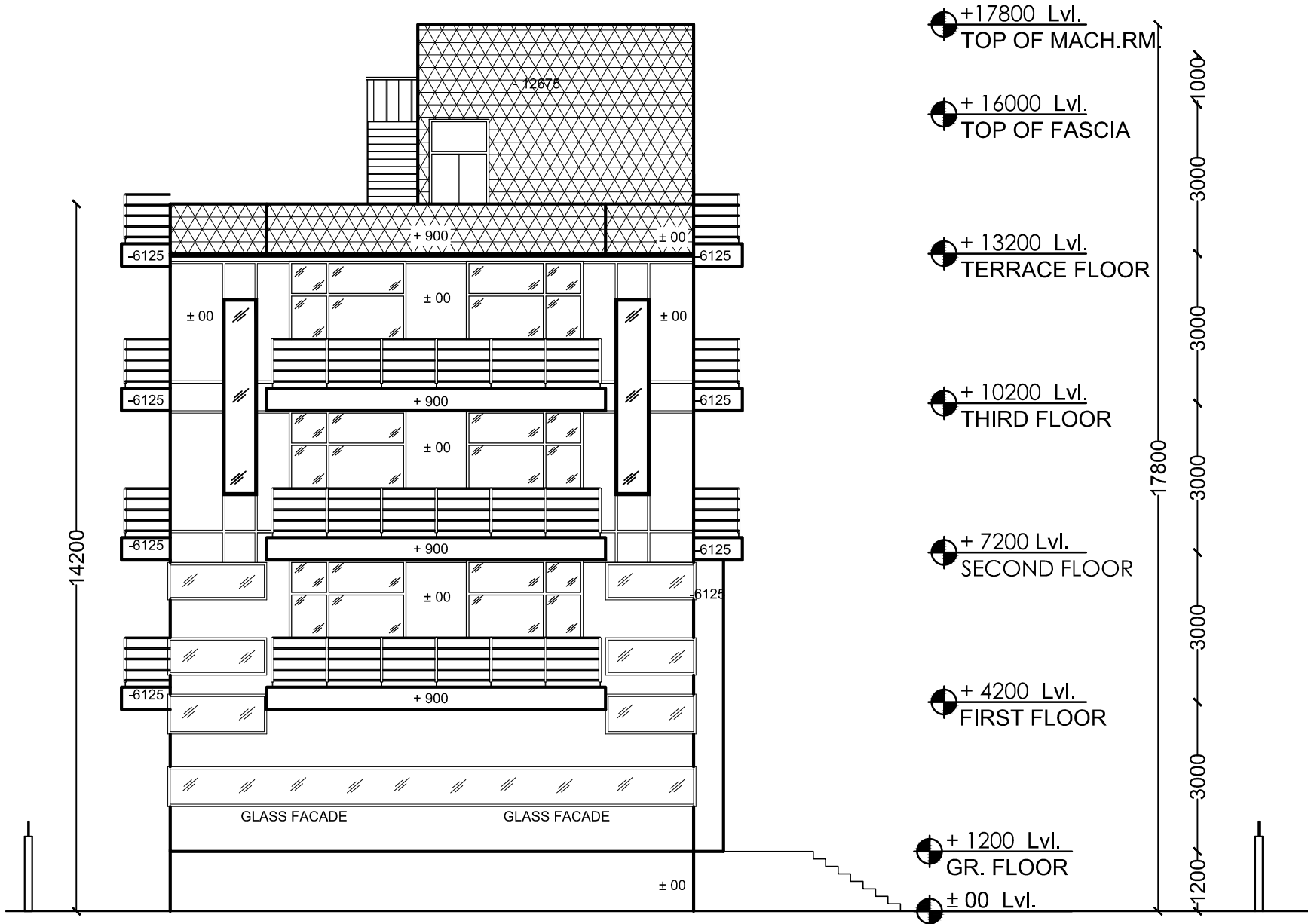
PROJECT :
**PROPOSED OFFICE BUILDING
 AT PLOT NO. 22, POCKET
 FC/83, JASOLA, NEW DELHI**

CLIENT :
NFCFS

TITLE :
LEFT SIDE ELEVATION

CHECKED BY	SCALE	DATE	DEALT BY	SHEET NO.
	1:75	08 JUNE 2022		

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LEFT SIDE ELEVATION

+17800 Lvl.
TOP OF MACH.RM.

+ 16000 Lvl.
TOP OF FASCIA

+ 13200 Lvl.
TERRACE FLOOR

+ 10200 Lvl.
THIRD FLOOR

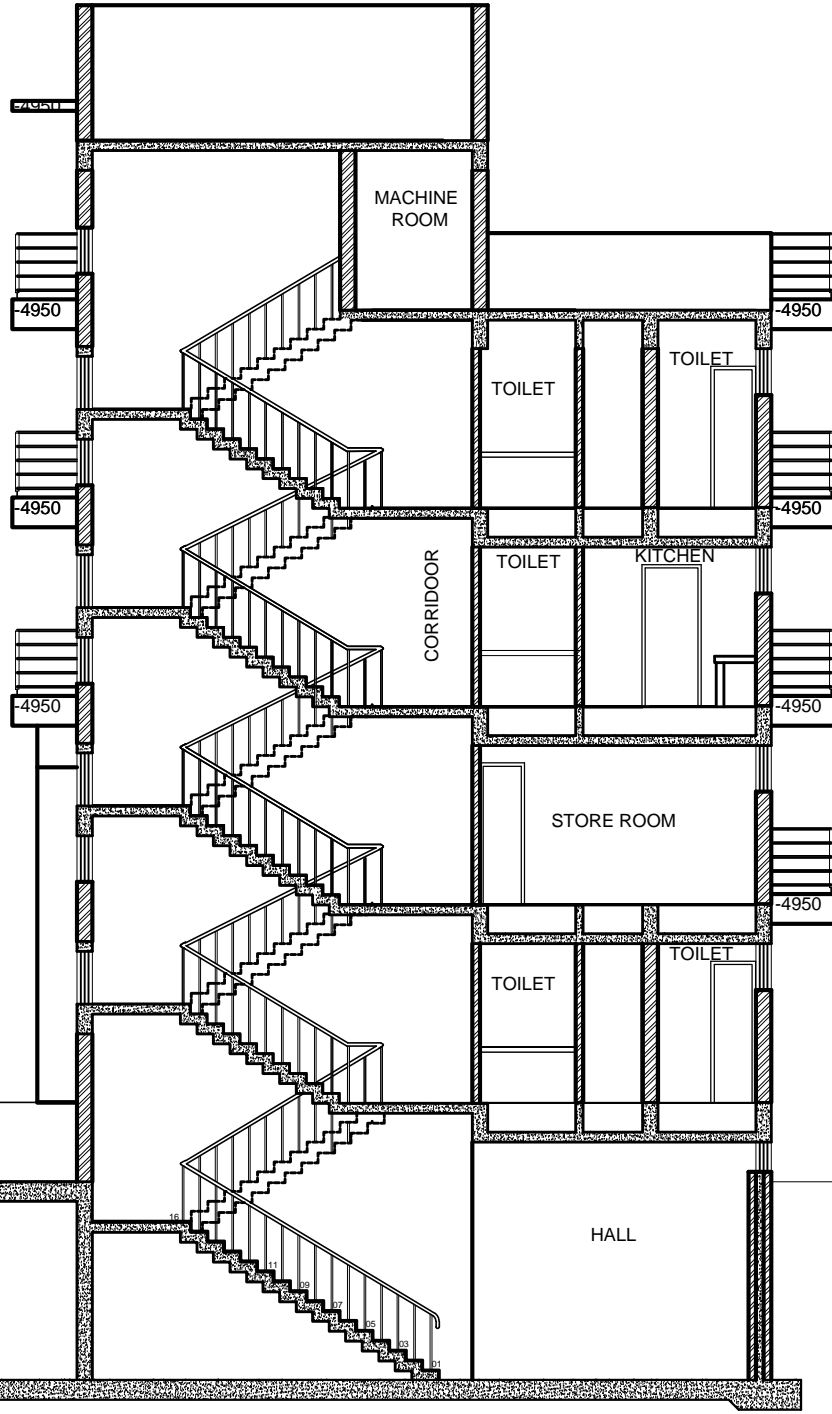
+ 7200 Lvl.
SECOND FLOOR

+ 4200 Lvl.
FIRST FLOOR

+ 1200 Lvl.
GR. FLOOR

± 00 Lvl.

- 3000 Lvl.
BASEMENT



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AREA STATEMENT

REVISION	DATE	ISSUED TO

PROJECT :
**PROPOSED OFFICE BUILDING
AT PLOT NO.22,POCKET
FC/83,JASOLA,NEW DELHI**

CLIENT :
NFCFS

TITLE :
SECTION

CHECKED BY : _____

SCALE	DATE	DEALT BY	SHEET NO.
1:75	08 JUNE 2022		

ARCHITECT:
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FIRE FIGHTING LAYOUT PLANS

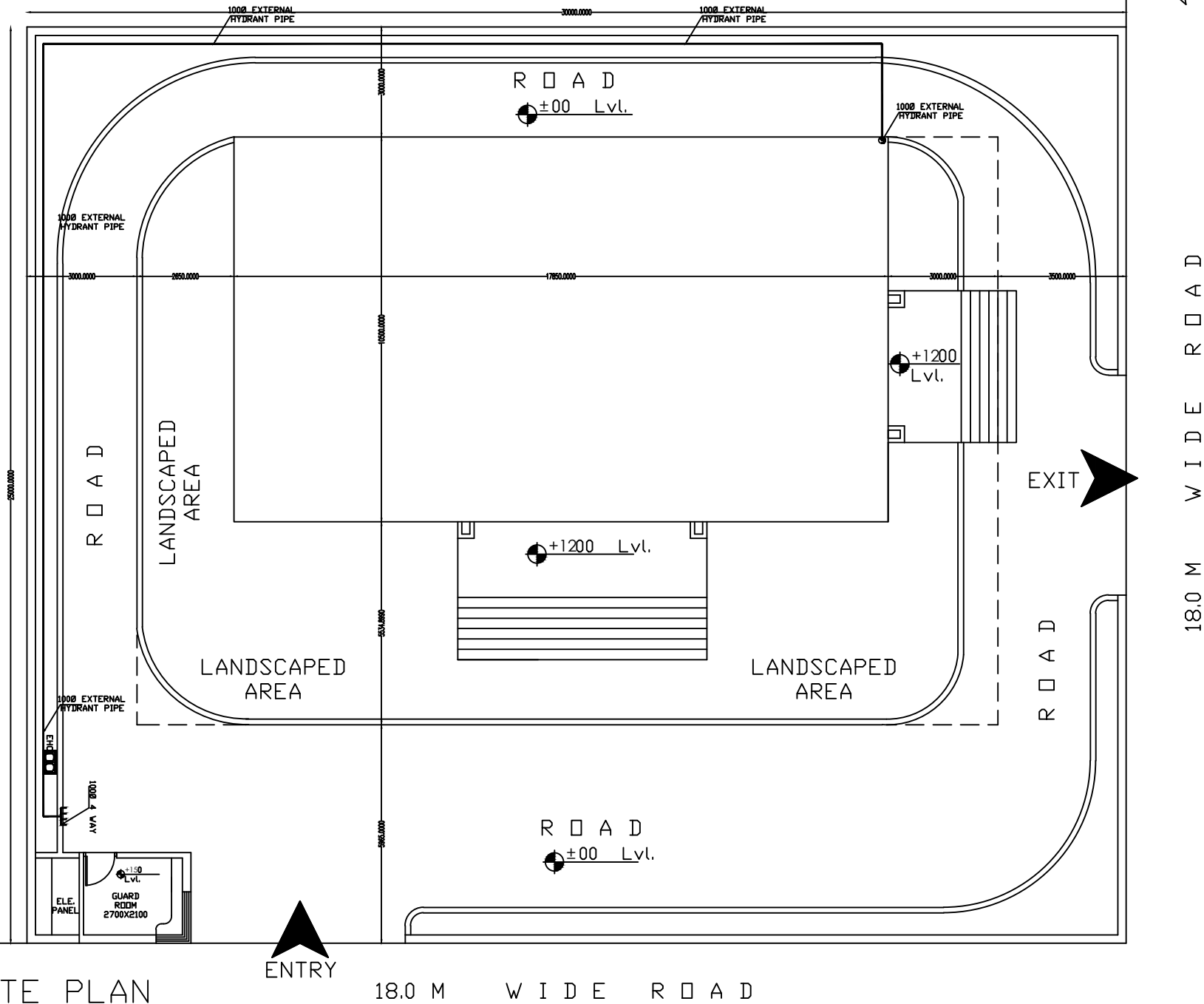
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SITE AREA = 750 Sq.Mtrs.



REVISION	DATE	ISSUED TO

PROJECT :
**PROPOSED OFFICE BUILDING
 AT PLOT NO.22,POCKET
 FC/83,JASOLA,NEW DELHI**

CLIENT :
NFCFS

TITLE :
SITE PLAN

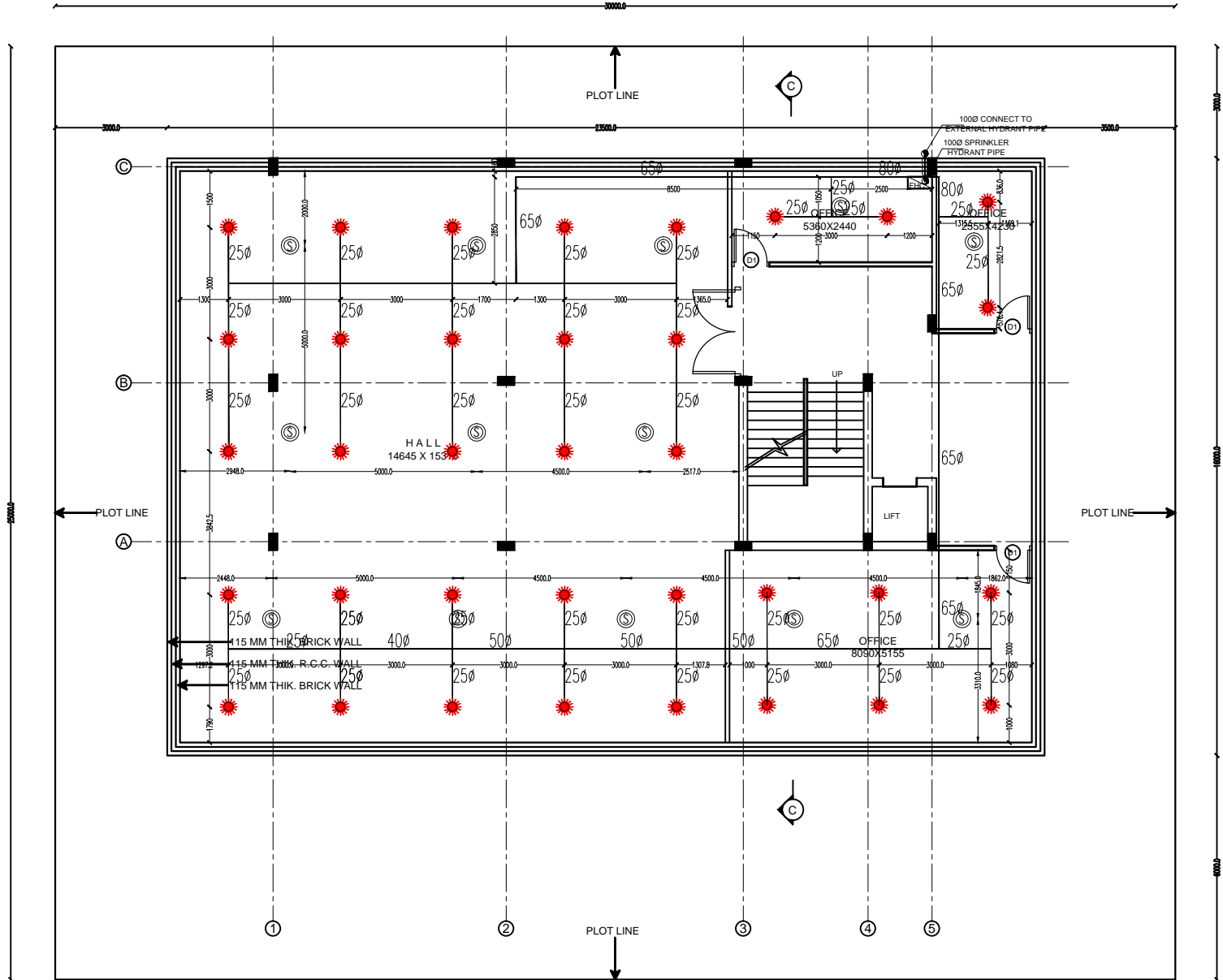
CHECKED BY	SCALE	DATE	DEALT BY	SHEET NO.
	1:100	26 MAY 2022		

ARCHITECT :
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SITE PLAN

ENTRY

18.0 M WIDE ROAD



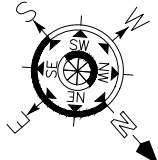
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AREA STATEMENT



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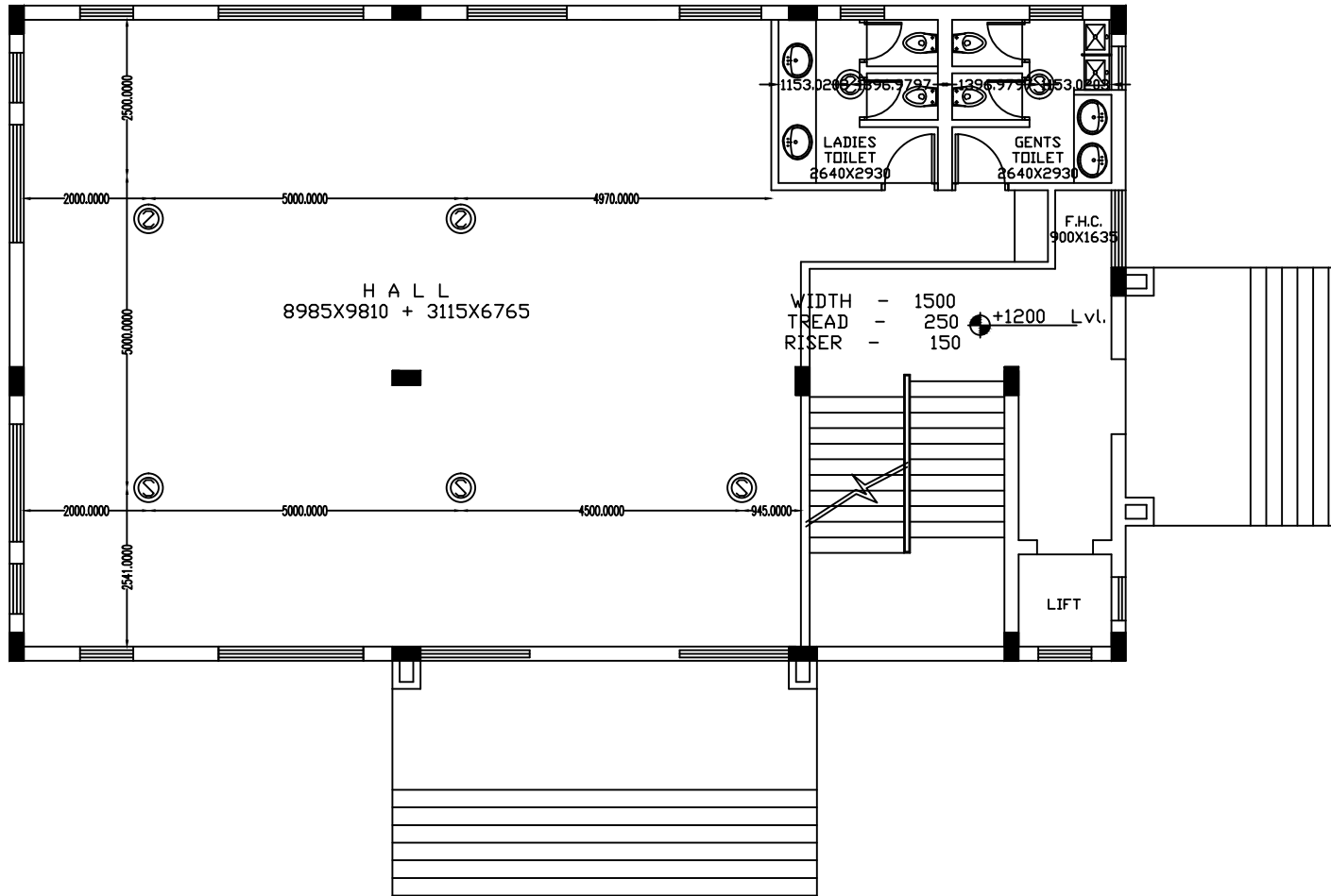
PROJECT :
PROPOSED OFFICE BUILDING AT PLOT NO.22,POCKET FC/83,JASOLA,NEW DELHI

CLIENT :

TITLE :
BASMENT PLAN

CHECKED BY			
SCALE	DATE	DEALT BY	SHEET NO.
NTS	27 APR 2022		

ARCHITECT :
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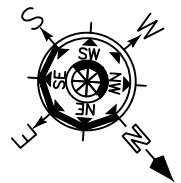


GROUND FLOOR PLAN

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AREA STATEMENT

GROUND FLOOR AREA = 187.7 Sq.Mtrs.



REVISION	DATE	ISSUED TO

PROJECT :
 PROPOSED OFFICE BUILDING
 AT PLOT NO.22,POCKET
 FC/83,JASOLA,NEW DELHI

CLIENT :

TITLE :
 GROUND FLOOR PLAN

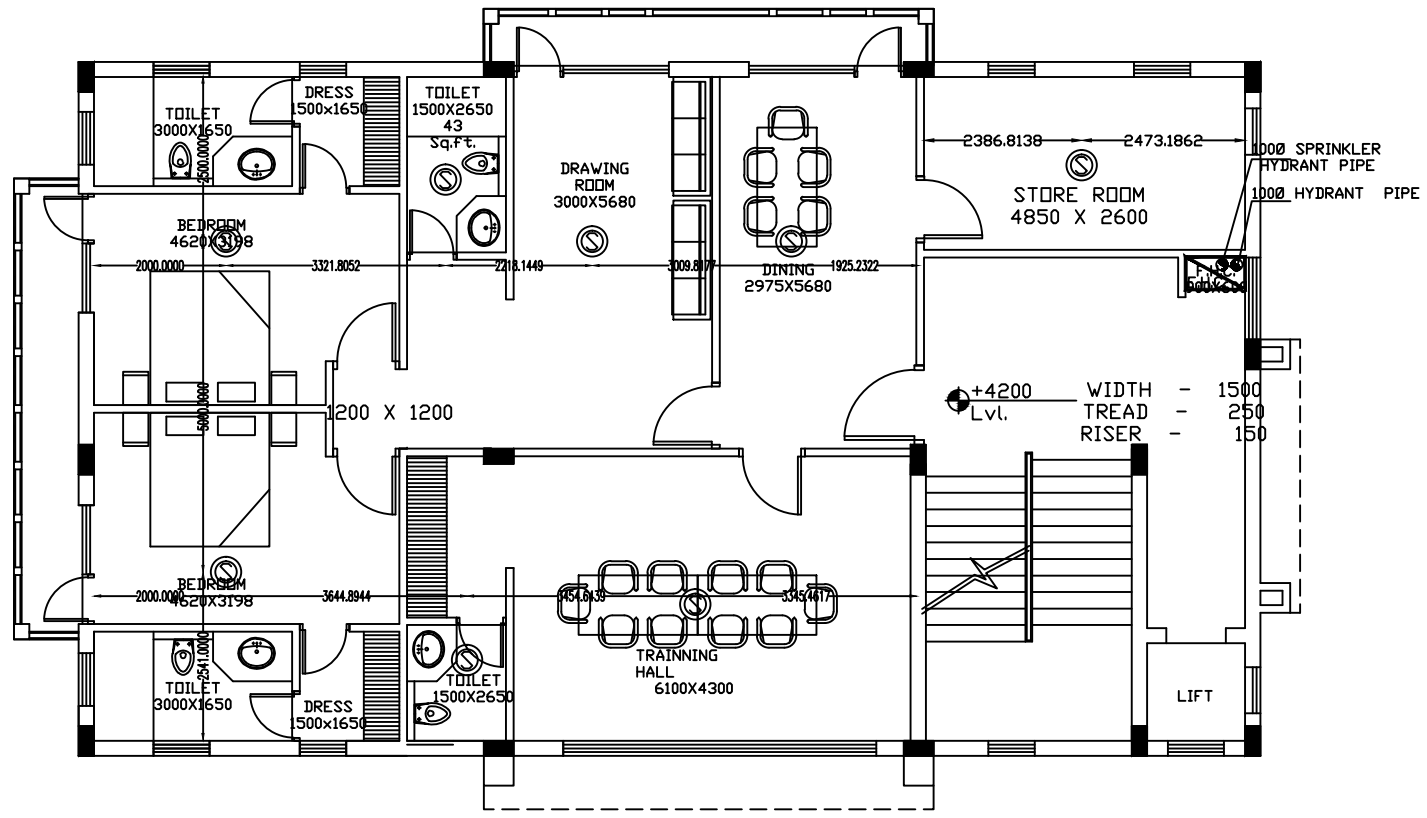
CHECKED BY	SCALE	DATE	DEALT BY	SHEET NO.
	1/75	26 MAY 2022		

ARCHITECT:
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AREA STATEMENT

FIRST FLOOR AREA = 187.7 Sq.Mtrs.



FIRST FLOOR PLAN

REVISION	DATE	ISSUED TO

PROJECT :
 PROPOSED OFFICE BUILDING
 AT PLOT NO.22,POCKET
 FC/83,JASOLA,NEW DELHI

CLIENT :

TITLE :
 FIRST FLOOR PLAN

CHECKED BY	SCALE	DATE	DEALT BY	SHEET NO.
	1/75	26 MAY 2022		

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 online: studioelevener@gmail.com,
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AREA STATEMENT

4000 SPRINKLER HYDRANT PIPE
1000 HYDRANT PIPE

REVISION	DATE	ISSUED TO

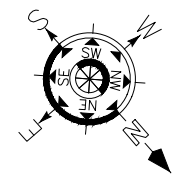
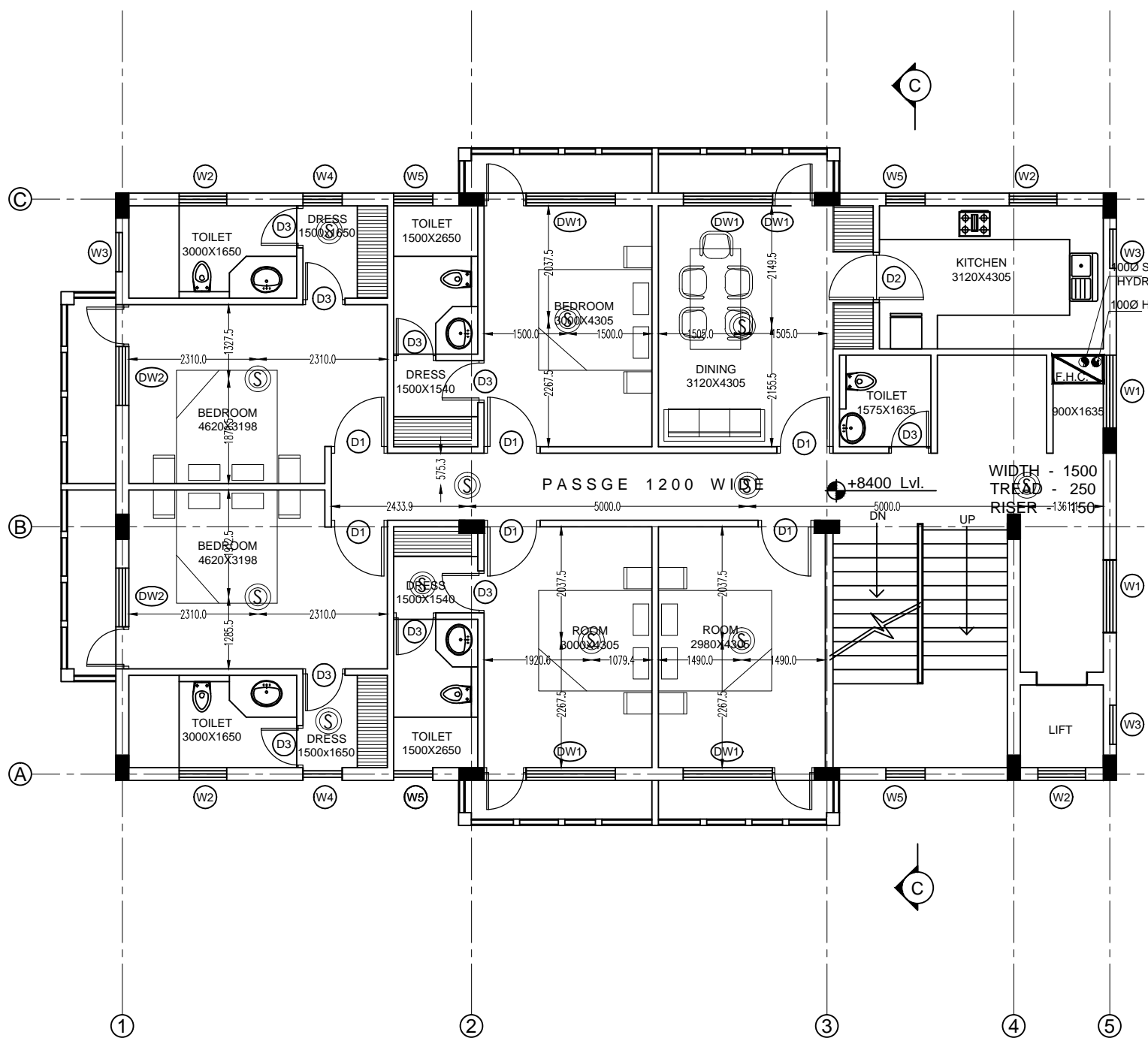
PROJECT :
PROPOSED OFFICE BUILDING AT PLOT NO.22,POCKET FC/83,JASOLA,NEW DELHI

CLIENT :

TITLE :
SECOND FLOOR PLAN

CHECKED BY			
SCALE	DATE	DEALT BY	SHEET NO.
NTS	27 APR 2022		

ARCHITECT :
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REVISION	DATE	ISSUED TO

PROJECT :
 PROPOSED OFFICE BUILDING
 AT PLOT NO.22,POCKET
 FC/83,JASOLA,NEW DELHI
 CLIENT :

TITLE :
 THIRD FLOOR PLAN
 CHECKED BY :
 SCALE : 1/75
 DATE : 26 MAY 2022
 DEALT BY :
 SHEET NO. :

ARCHITECT :
 STUDIO ELEVEN Architects & Interior
 L - 64 B, LGF, Malviya Nagar, New Delhi
 110017, Ph : 011-4052166, 981088900
 onlinestudioeleven@gmail.com,
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THIRD FLOOR PLAN

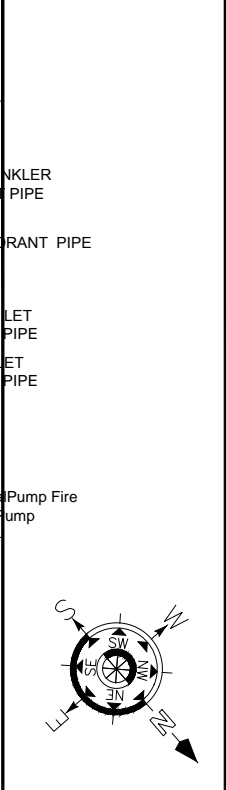
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AREA STATEMENT



REVISION	DATE	ISSUED TO

PROJECT :
PROPOSED OFFICE BUILDING AT PLOT NO.22,POCKET FC/83,JASOLA,NEW DELHI

CLIENT :

TITLE :
TERRACE FLOOR PLAN

CHECKED BY			
SCALE	DATE	DEALT BY	SHEET NO.
NTS	27 APR 2022		

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ELECTRICAL LAYOUT PLANS

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AREA STATEMENT

S.NO.	LEGENDS
1.	STREET LAMP
2.	TELEPHONE
4.	16A SWITCH SOCKET
5.	6A(1NO.) SWITCH SOCKET
6.	SWITCH BOARD@42" HEIGHT
7.	
8.	
9.	
10.	



REVISION	DATE	ISSUED TO

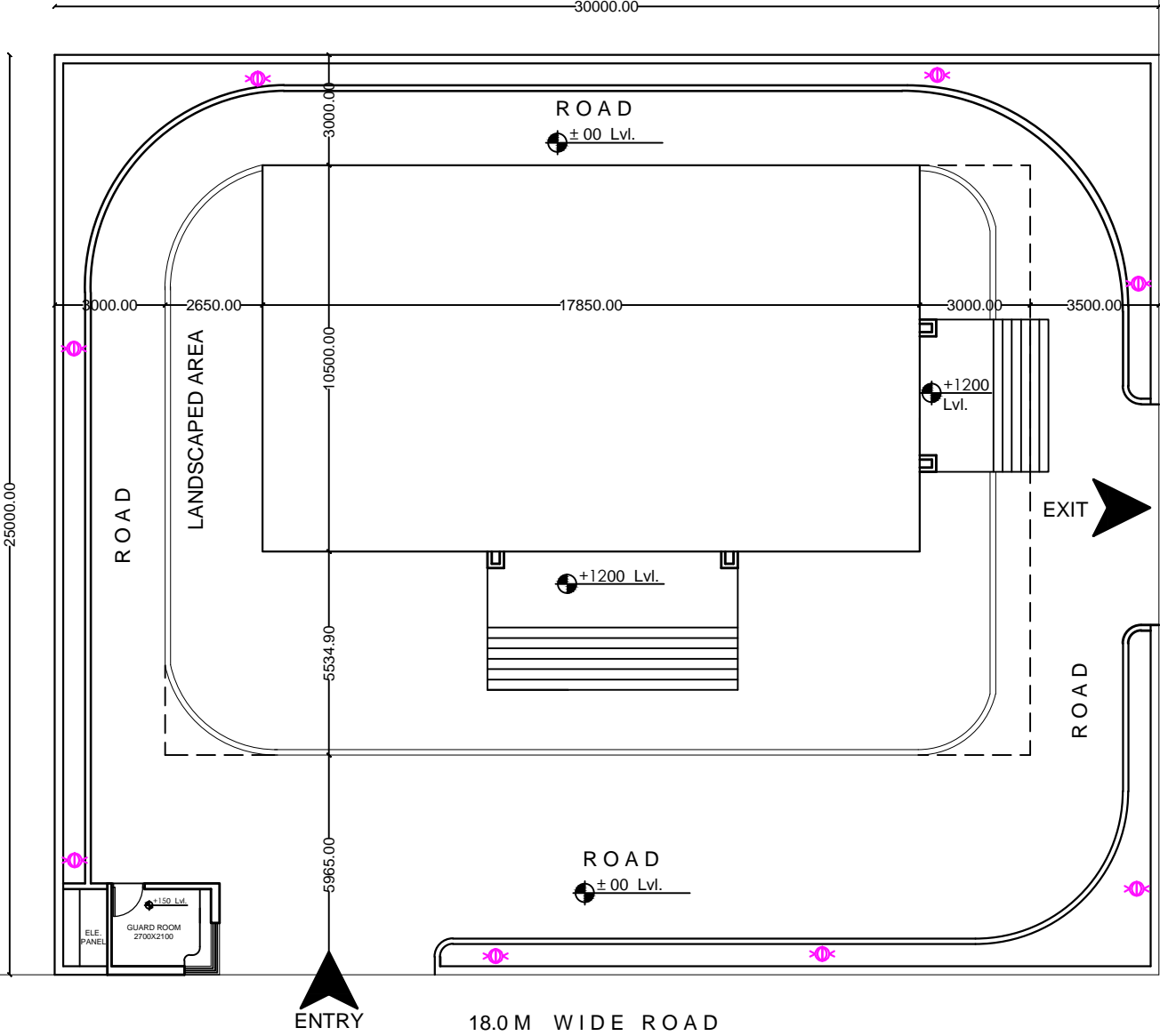
PROJECT :
PROPOSED OFFICE BUILDING AT PLOT NO.22,POCKET FC/83,JASOLA,NEW DELHI

CLIENT :

TITLE :
SITE PLAN

CHECKED BY	SCALE	DATE	DEALT BY	SHEET NO.

ARCHITECT :
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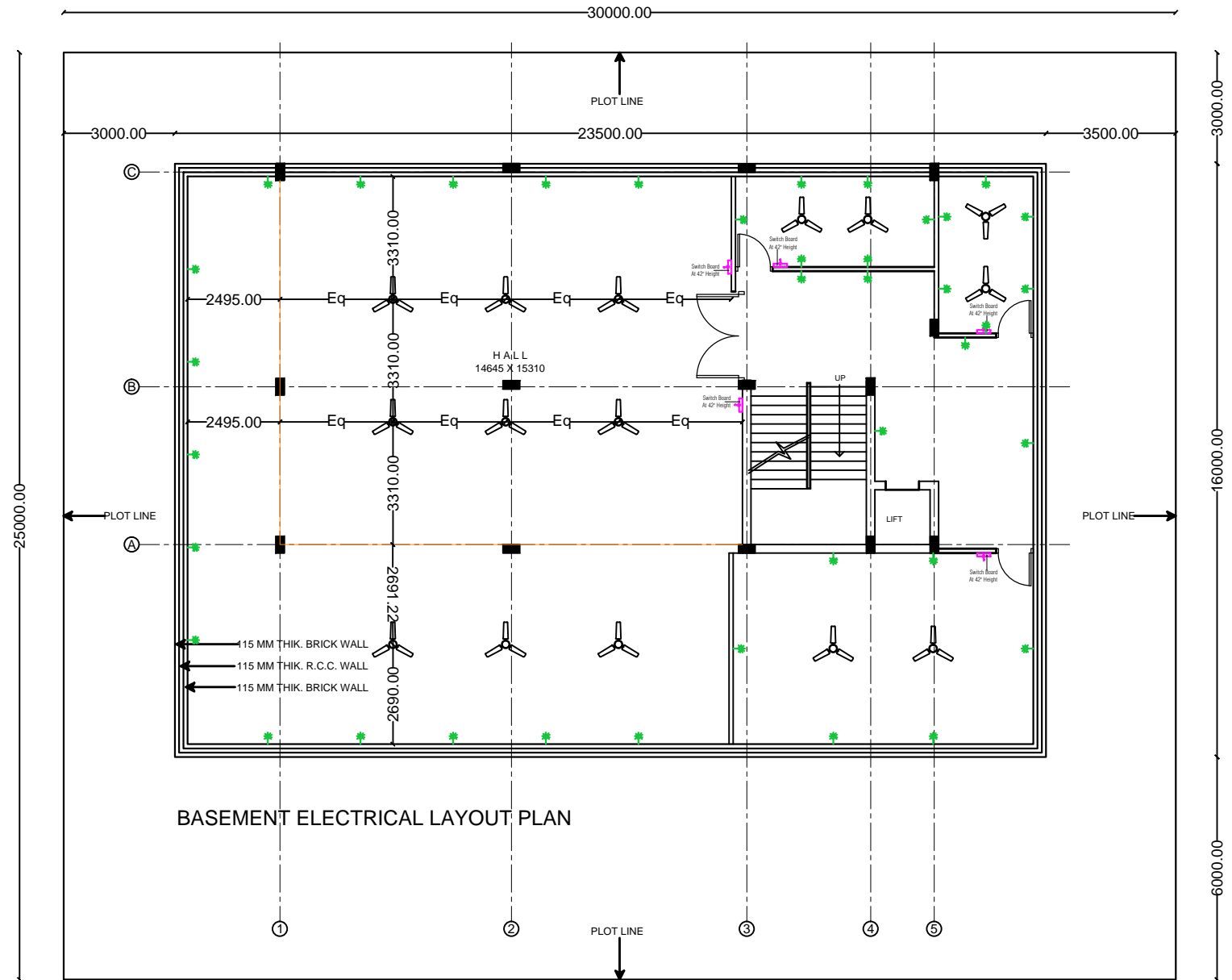
ARCHITECT :
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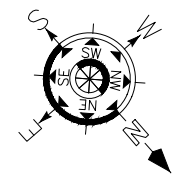
Dimensions not specified if any are specified on detail drawings.

Drawings must not be scaled & written dimensions to be followed.



BASEMENT ELECTRICAL LAYOUT PLAN

S.NO.	LEGENDS
1.	16A SWITCH SOCKET
2.	BA(1NO.) SWITCH SOCKET
4.	SWITCH BOARD @ 42' HEIGHT
5.	RO (WATER FILTER)
6.	TELEPHONE
7.	WALL LIGHT @ 7-8' HEIGHT
8.	MIRROR LIGHT @ W.B.
9.	T.V. POINT
10.	A.C. POINT



REVISION	DATE	ISSUED TO

PROJECT :
PROPOSED OFFICE BUILDING AT PLOT NO.22,POCKET FC/83,JASOLA,NEW DELHI

CLIENT :

TITLE :
BASEMENT ELEC. LAYOUT PLAN

CHECKED BY	SCALE	DATE	DEALT BY	SHEET NO.

ARCHITECT :
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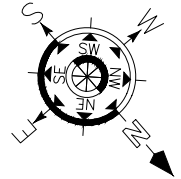
All dimensions are in MM unless otherwise specified.

Dimensions not specified if any are specified on detail drawings.

Drawings must not be scaled & written dimensions to be followed.

AREA STATEMENT

GROUND FLOOR AREA = 187.7 Sq.Mtrs.



REVISION	DATE	ISSUED TO

PROJECT :
PROPOSED OFFICE BUILDING AT PLOT NO.22,POCKET FC/83,JASOLA,NEW DELHI

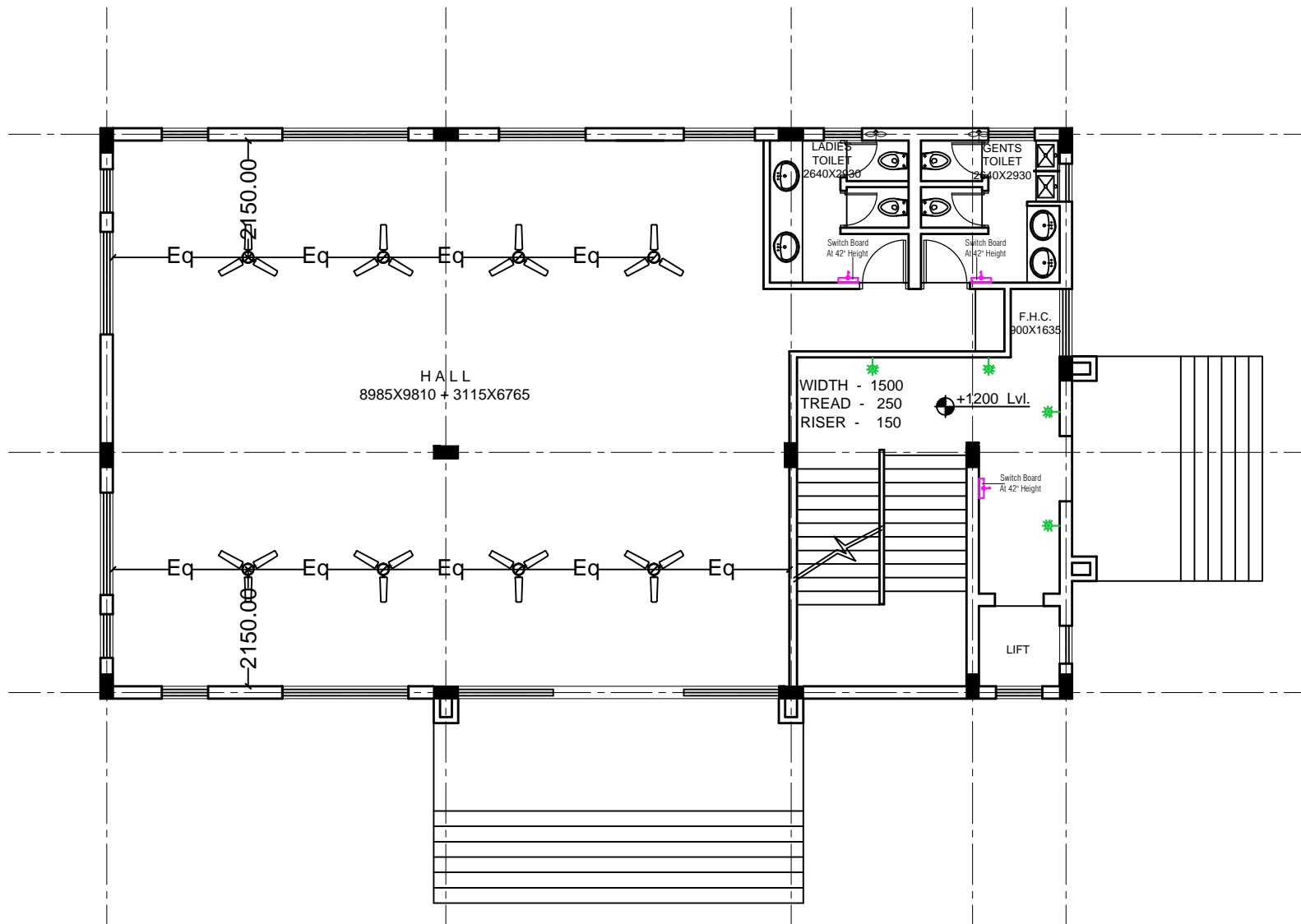
CLIENT :

TITLE :

GROUND FLOOR PLAN

CHECKED BY	SCALE	DATE	DEALT BY	SHEET NO.
	1:75	26 MAY 2022		

ARCHITECT:
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GROUND FLOOR ELECTRICAL LAYOUT PLAN

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Drawings must not be scaled & written dimensions to be followed.

NO.	SYMBOL	LEGENDS
1.		16A SWITCH SOCKET
2.		B(1NO.) SWITCH SOCKET
4.		SWITCH BOARD@42" HEIGHT
5.		RO (WATER FILTER)
6.		TELEPHONE
7.		WALL LIGHT @ 7-8" HEIGHT
8.		MIRROR LIGHT @ W.B.
9.		T.V. POINT
10.		A.C. POINT



REVISION	DATE	ISSUED TO

PROJECT :
**PROPOSED OFFICE BUILDING
 AT PLOT NO.22,POCKET
 FC/83,JASOLA,NEW DELHI**

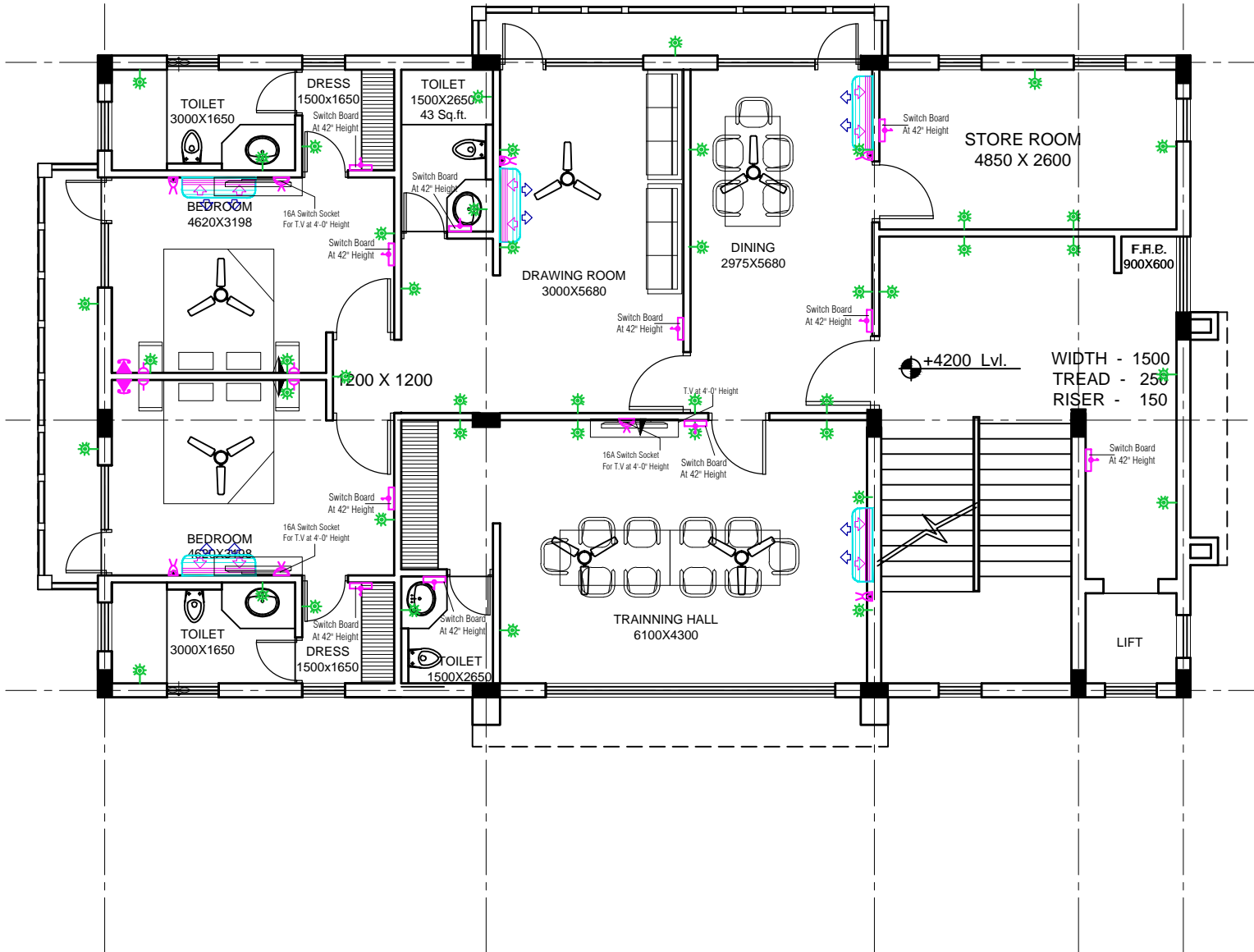
CLIENT :

TITLE :
**FIRST FLOOR
 ELEC. LAYOUT PLAN**

CHECKED BY :

SCALE	DATE	DEALT BY :	SHEET NO.
NTS	10 MAY 2022		

ARCHITECT :
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FIRST FLOOR ELECTRICAL LAYOUT PLAN

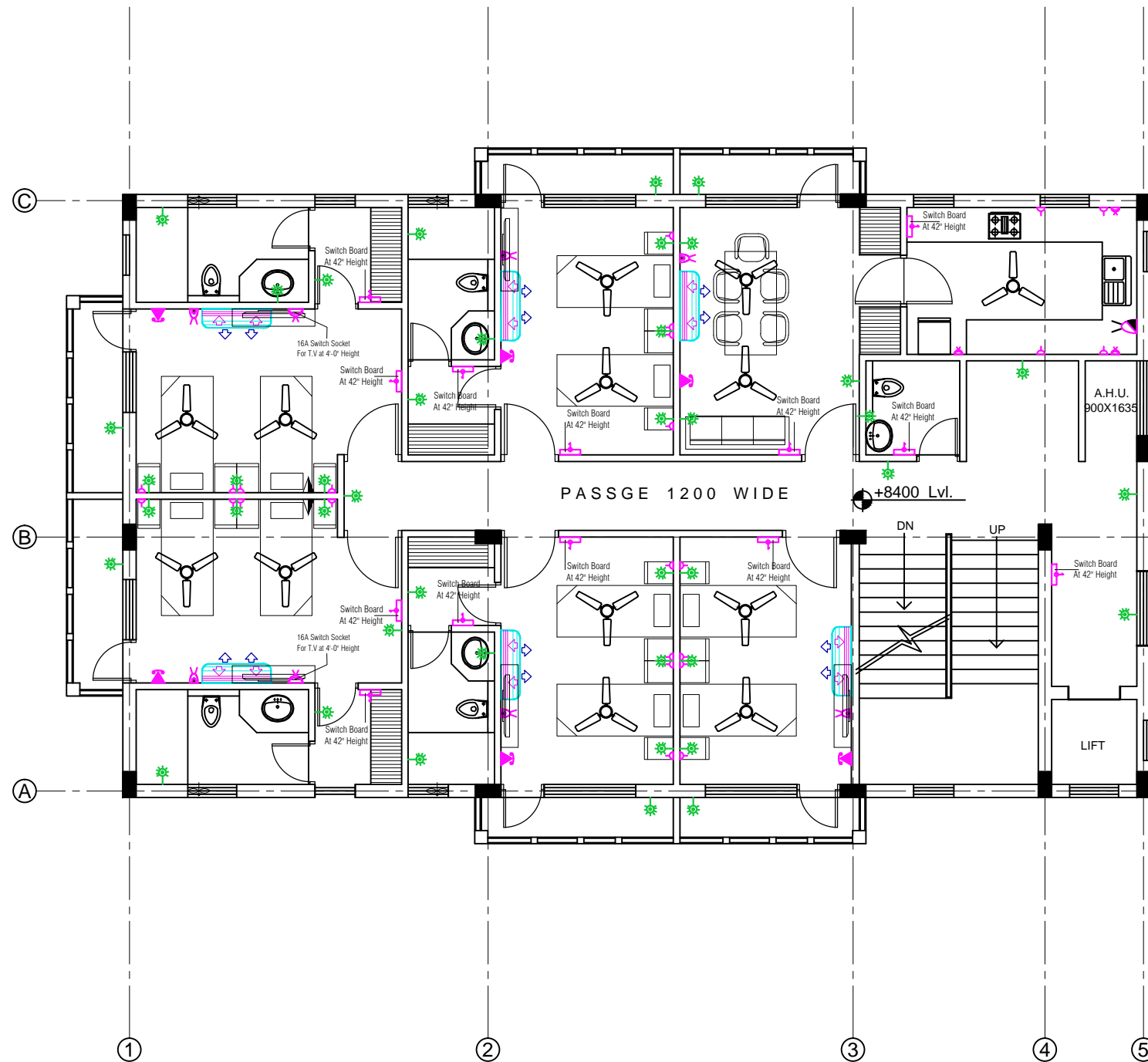
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Dimensions not specified if any are specified on detail drawings.

Drawings must not be scaled & written dimensions to be followed.

NO.	SYMBOL	LEGENDS
1.		16A SWITCH SOCKET
2.		6A (TNO.) SWITCH SOCKET
4.		SWITCH BOARD @ 42" HEIGHT
5.		RO (WATER FILTER)
6.		TELEPHONE
7.		WALL LIGHT @ 7-8" HEIGHT
8.		MIRROR LIGHT @ W.B.
9.		T.V. POINT
10.		A.C. POINT



REVISION	DATE	ISSUED TO

PROJECT :
**PROPOSED OFFICE BUILDING
 AT PLOT NO.22,POCKET
 FC/83,JASOLA,NEW DELHI**

CLIENT :

TITLE :
**SECOND FLOOR
 ELEC. LAYOUT PLAN**

CHECKED BY		
SCALE	DATE	SHEET NO.
NTS	10 MAY 2022	

ARCHITECT :
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SECOND FLOOR ELECTRICAL LAYOUT PLAN

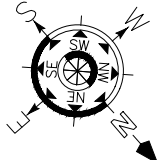
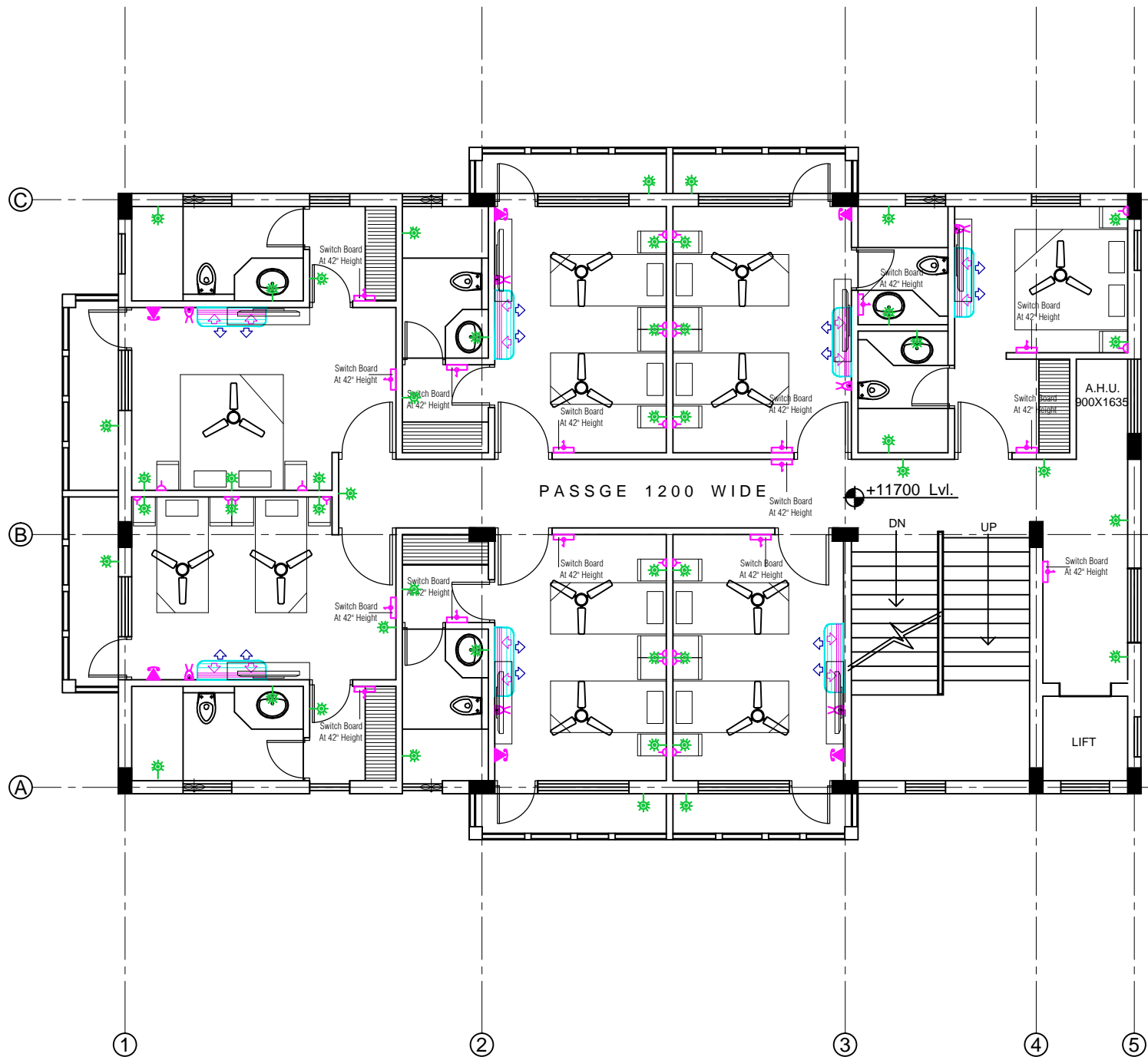
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NO.	SYMBOL	LEGENDS
1.		16A SWITCH SOCKET
2.		6A(TNO.) SWITCH SOCKET
4.		SWITCH BOARD@42" HEIGHT
5.		RO (WATER FILTER)
6.		TELEPHONE
7.		WALL LIGHT @ 7'-8" HEIGHT
8.		MIRROR LIGHT @ W.B.
9.		T.V. POINT
10.		A.C. POINT



REVISION	DATE	ISSUED TO

PROJECT :
**PROPOSED OFFICE BUILDING
 AT PLOT NO.22,POCKET
 FC/83,JASOLA,NEW DELHI**

CLIENT :

TITLE :
**THIRD FLOOR
 ELEC. LAYOUTPLAN**

CHECKED BY :

SCALE	DATE	DEALT BY	SHEET NO.
NTS	10 MAY 2022		

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THIRD FLOOR ELECTRICAL LAYOUT PLAN

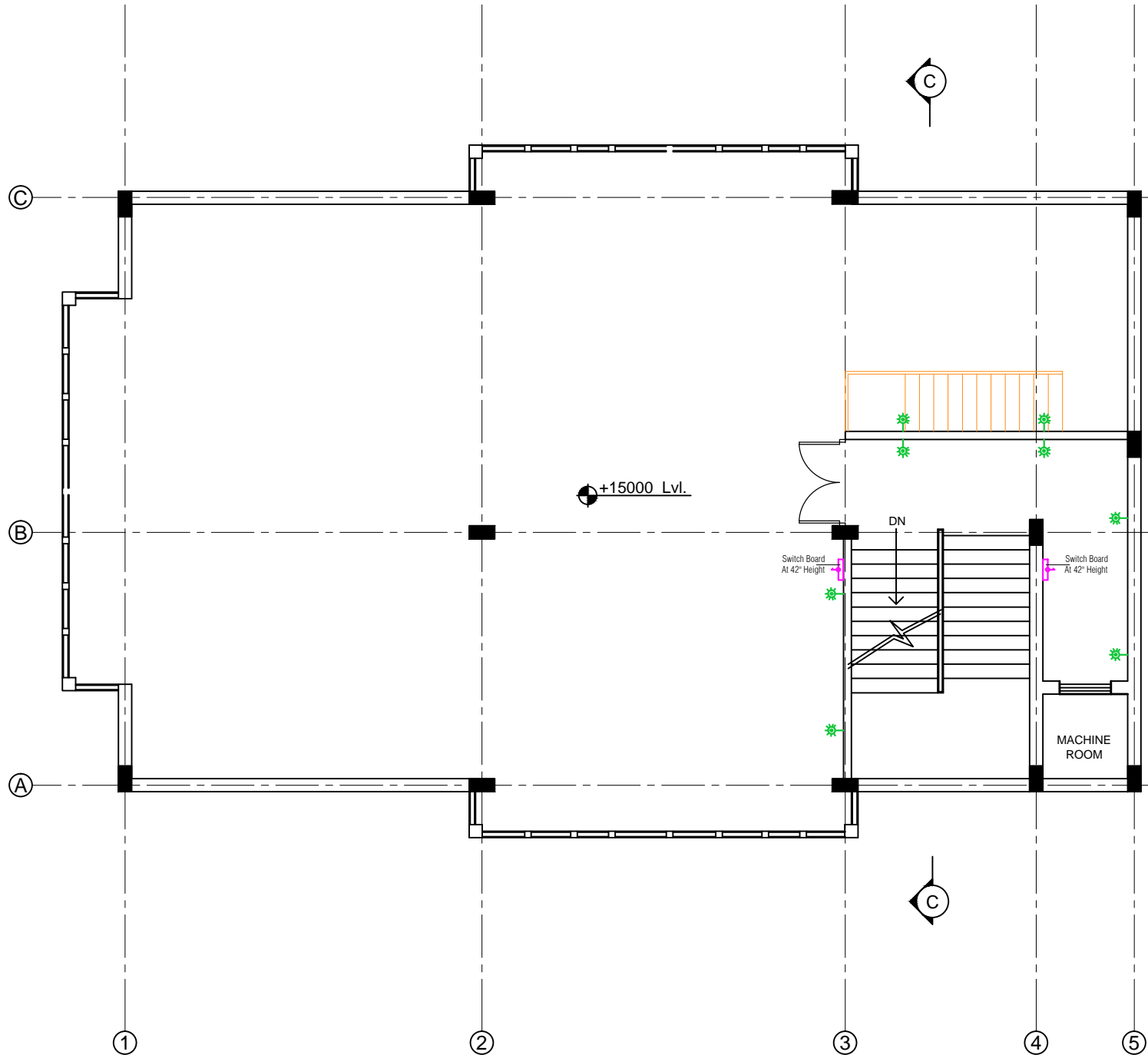
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S.NO.	LEGENDS
1.	 SWITCH BOARD@42" HEIGHT
2.	 WALL LIGHT @ 7'-8" HEIGHT



REVISION	DATE	ISSUED TO

PROJECT :
**PROPOSED OFFICE BUILDING
 AT PLOT NO.22,POCKET
 FC/83,JASOLA,NEW DELHI**

CLIENT :

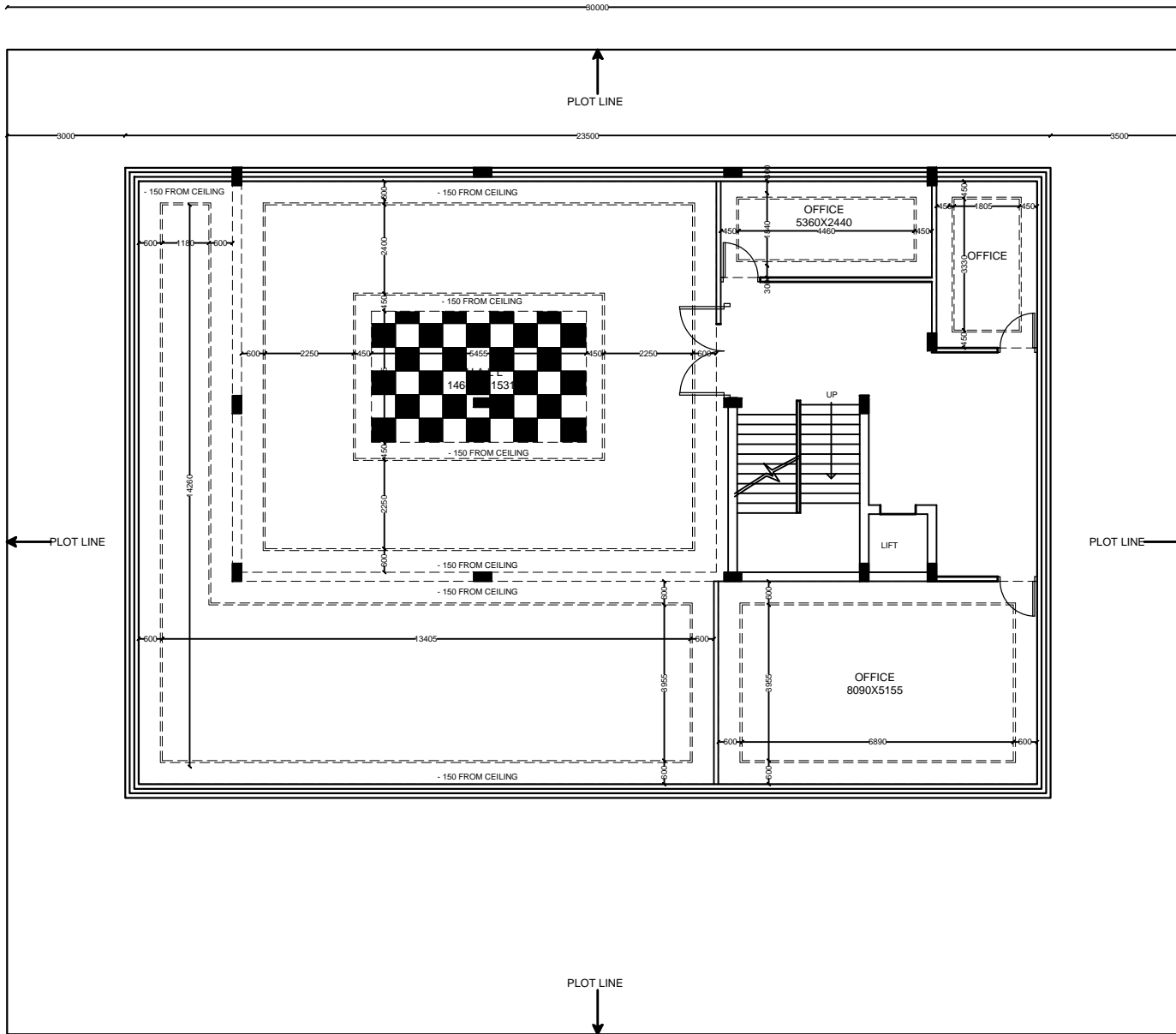
TITLE :
**TERRACE FLOOR
 ELEC. LAYOUTPLAN**

CHECKED BY	SCALE	DATE	DEALT BY	SHEET NO.

ARCHITECT :
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TERRACE FLOOR ELECTRICAL LAYOUT PLAN

FALSE CEILING LAYOUT PLANS



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AREA STATEMENT



REVISION	DATE	ISSUED TO

PROJECT :
**PROPOSED OFFICE BUILDING
 AT PLOT NO.22, POKHET
 FC/83, JASOLA, NEW DELHI**

CLIENT :

TITLE :
**BASEMENT FALSE CEILING
 LAYOUT PLAN**

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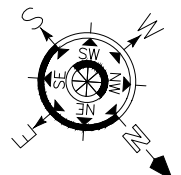
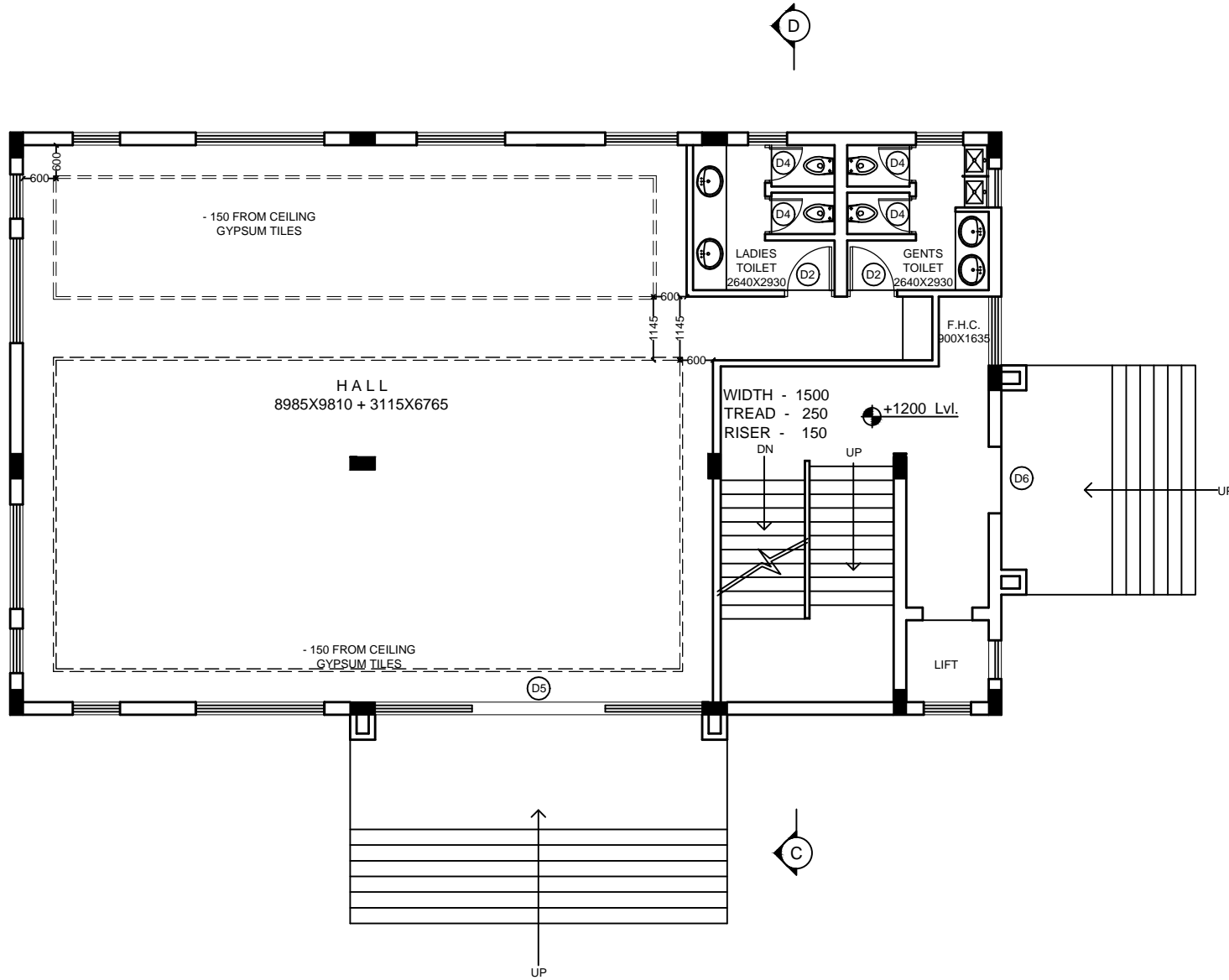
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AREA STATEMENT

GROUND FLOOR AREA = 187.7 Sq.Mtrs.



REVISION	DATE	ISSUED TO

PROJECT :
PROPOSED OFFICE BUILDING AT PLOT NO.22,POCKET FC/83,JASOLA,NEW DELHI

CLIENT :

TITLE :
GROUND FLOOR FALSE CEILING LAYOUT PLAN

CHECKED BY	SCALE	DATE	DEALT BY	SHEET NO.
	1:75	26 MAY 2022		

ARCHITECT:
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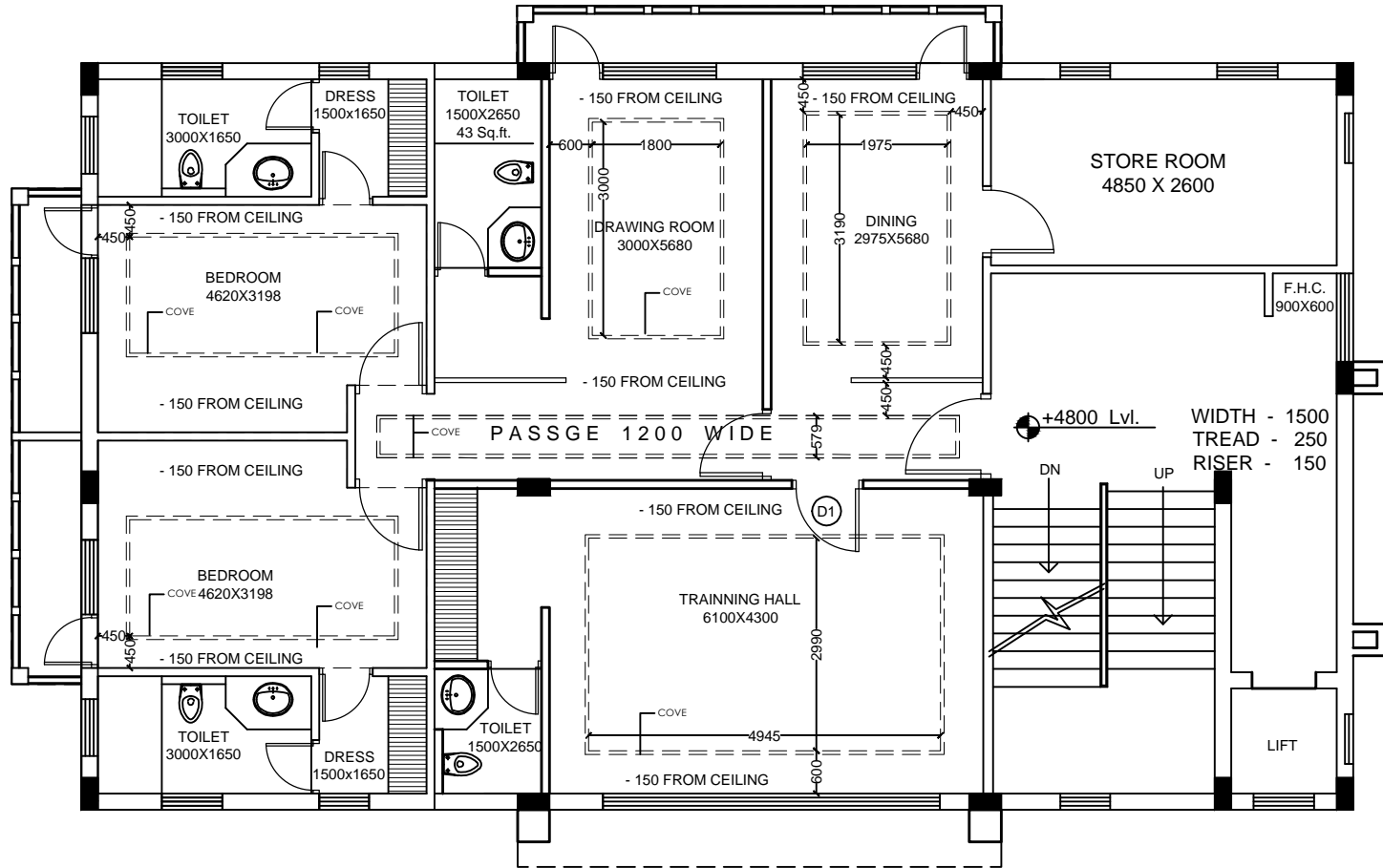
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AREA STATEMENT



REVISION	DATE	ISSUED TO

PROJECT :
**PROPOSED OFFICE BUILDING
 AT PLOT NO.22,POCKET
 FC/83,JASOLA,NEW DELHI**

CLIENT :

TITLE :
**FIRST FLOOR FALSE
 CEILING LAYOUT PLAN**

CHECKED BY	SCALE	DATE	DEALT BY	SHEET NO.

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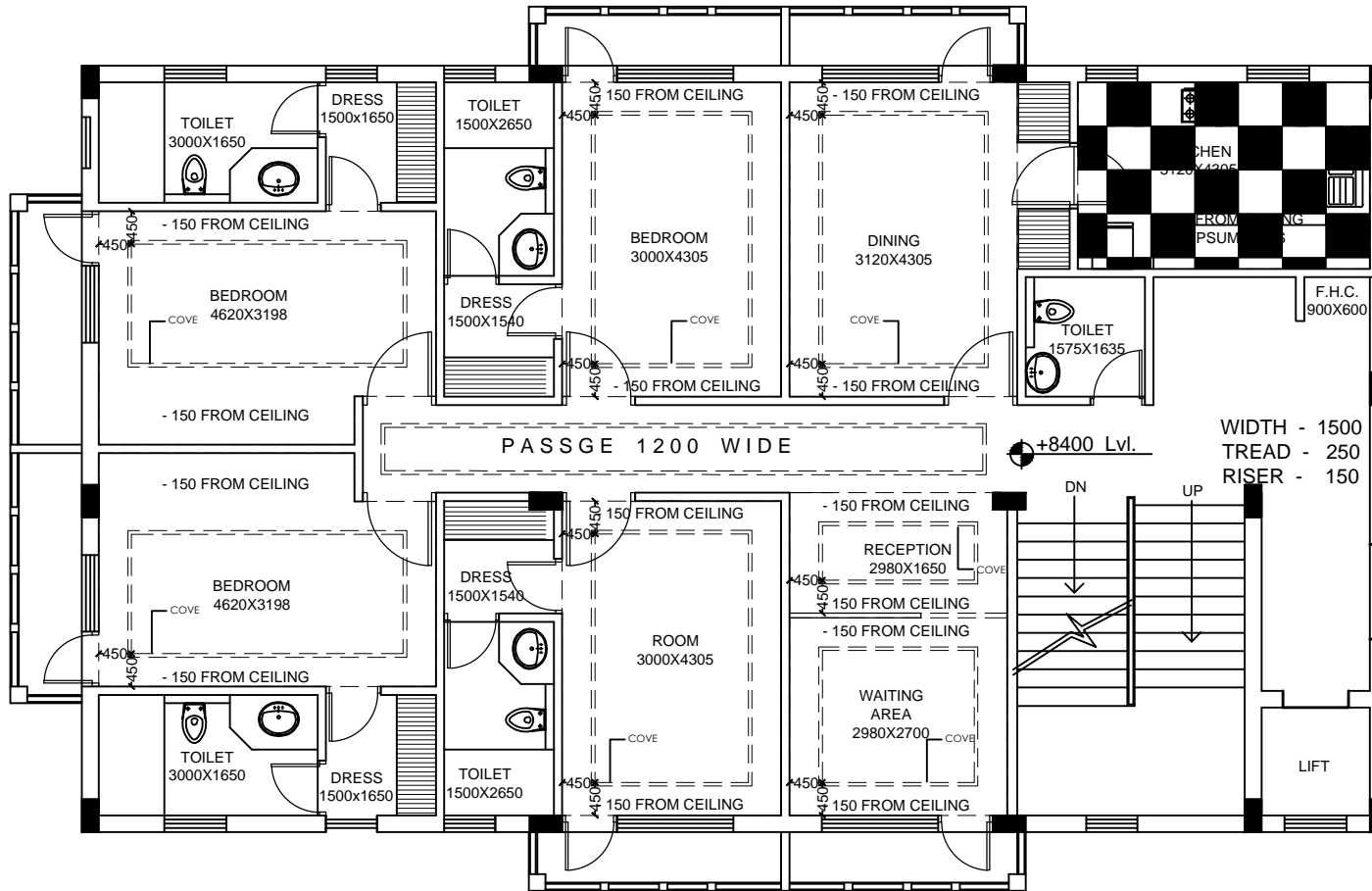
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AREA STATEMENT



REVISION	DATE	ISSUED TO

PROJECT :
**PROPOSED OFFICE BUILDING
 AT PLOT NO.22,POCKET
 FC/83,JASOLA,NEW DELHI**

CLIENT :

TITLE :
**SECOND FLOOR FALSE
 CEILING LAYOUT LAN**

CHECKED BY	SCALE	DATE	DEALT BY	SHEET NO.
	NTS	13 MAY 2022		

ARCHITECT:
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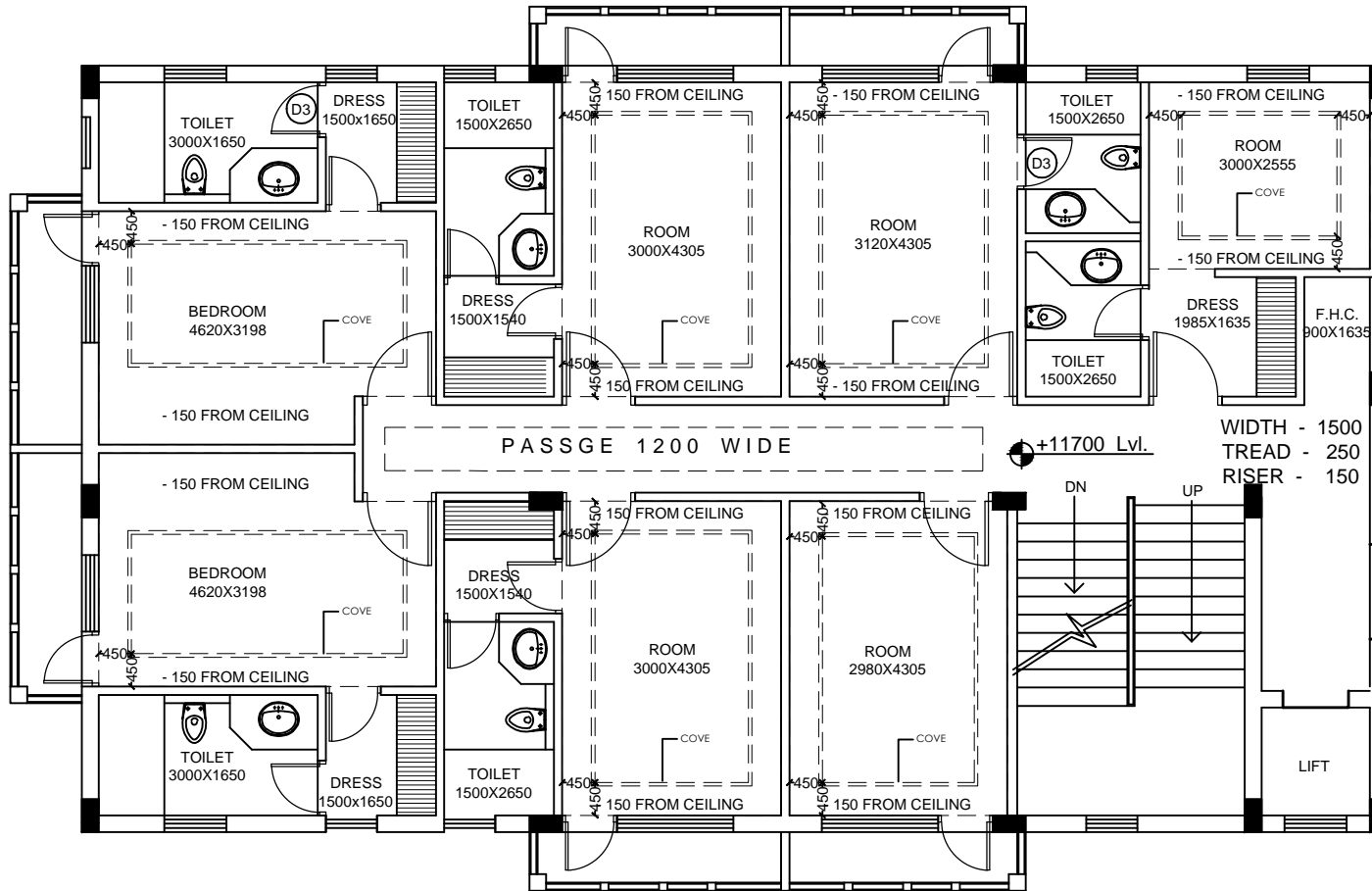
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AREA STATEMENT



REVISION	DATE	ISSUED TO

PROJECT :
**PROPOSED OFFICE BUILDING
 AT PLOT NO.22,POCKET
 FC/83,JASOLA,NEW DELHI**

CLIENT :

TITLE :
**THIRD FLOOR FALSE
 CEILING LAYOUT PLAN**

CHECKED BY	SCALE	DATE	DEALT BY	SHEET NO.
	NTS	02 MAY 2022		

ARCHITECT:
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 ELEVEN** Architects & Interior
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DOOR WINDOW SCHEDULE NFCSSF

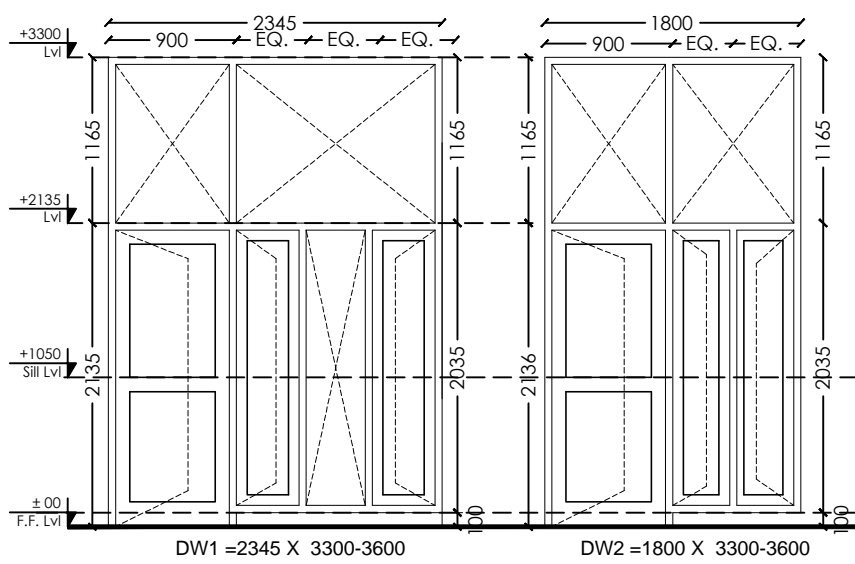
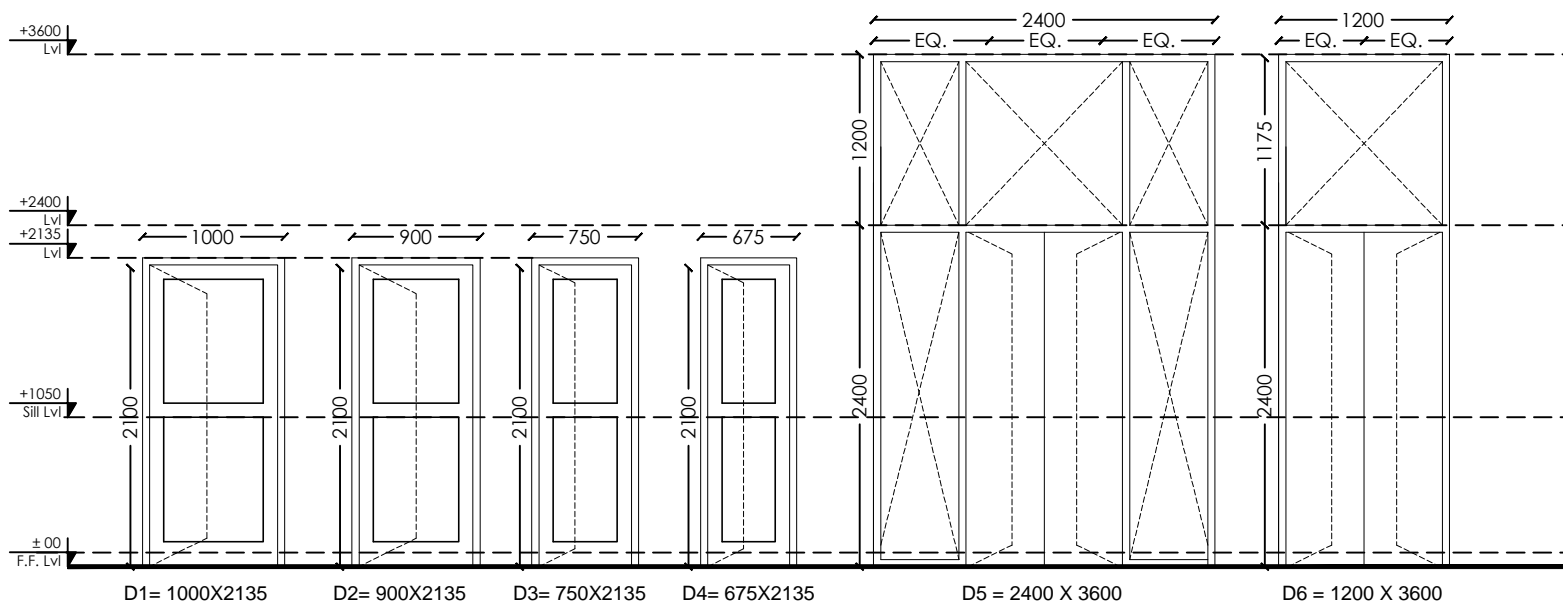
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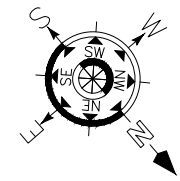
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AREA STATEMENT



DOOR & WINDOW SCHEDULE

S.No.	SCHEDULE	WIDTH	HEIGHT	SILL	LINTEL	Nos.	REMARKS
1	D1	1000	2135	-	2135	19	
2	D2	900	2135	-	2135	7	
3	D3	750	2135	-	2135	23	
4	D4	625	2135		2135	9	
5	D5	2400				1	
6	D6	1200				2	
7	DW1	2345	2850	00 / 100	2850	10	
8	DW2	1800	2850	00 / 100	2850	6	
9	W1	1300	1800	1050	2850	4	
10	W2	850	8400			4	
11	W3	700	8400			4	
12	W4	700	700	1435	2135	6	
13	W5	700	6600			4	



REVISION	DATE	ISSUED TO

PROJECT :
**PROPOSED OFFICE BUILDING
 AT PLOT NO.22,POCKET
 FC/83,JASOLA,NEW DELHI**

CLIENT :

TITLE :
DOOR WINDOW SCHEDULE

CHECKED BY	
SCALE	DATE
DEALT BY	SHEET NO.

NTS 03 MAY 2022

ARCHITECT:
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**KITCHEN DETAIL
NFCSF**

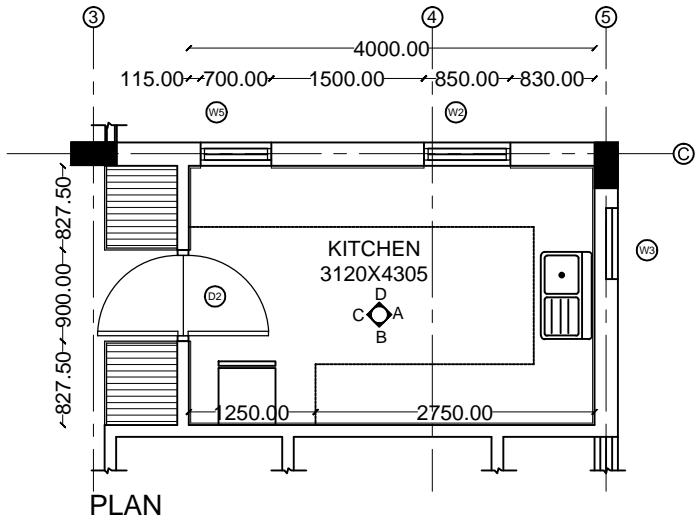
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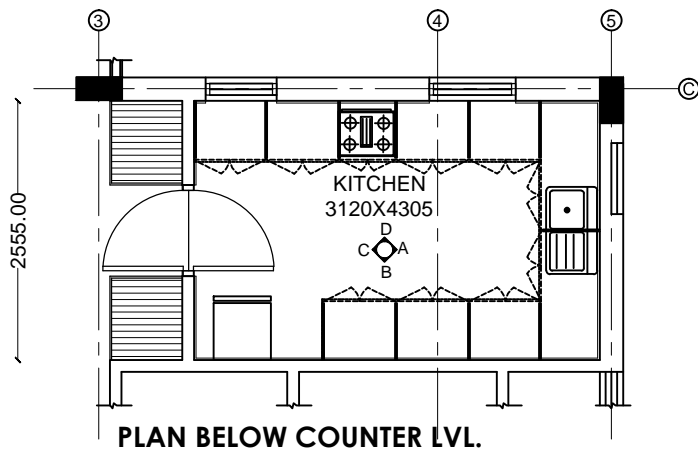
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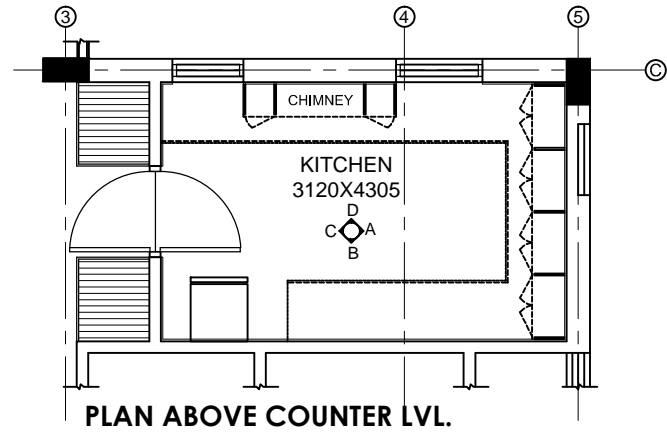
AREA STATEMENT



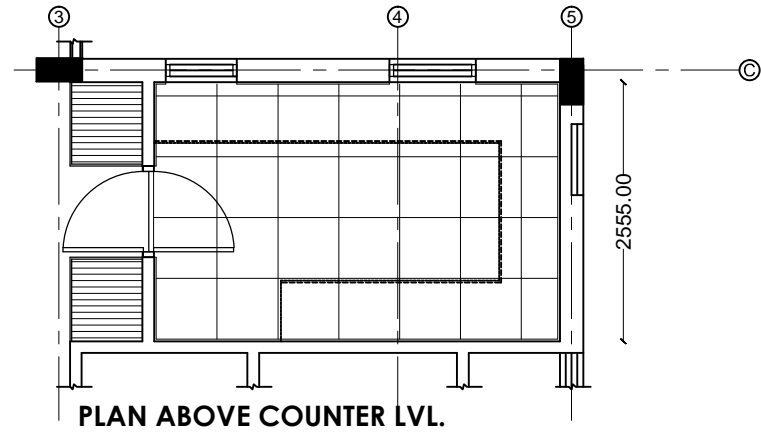
PLAN



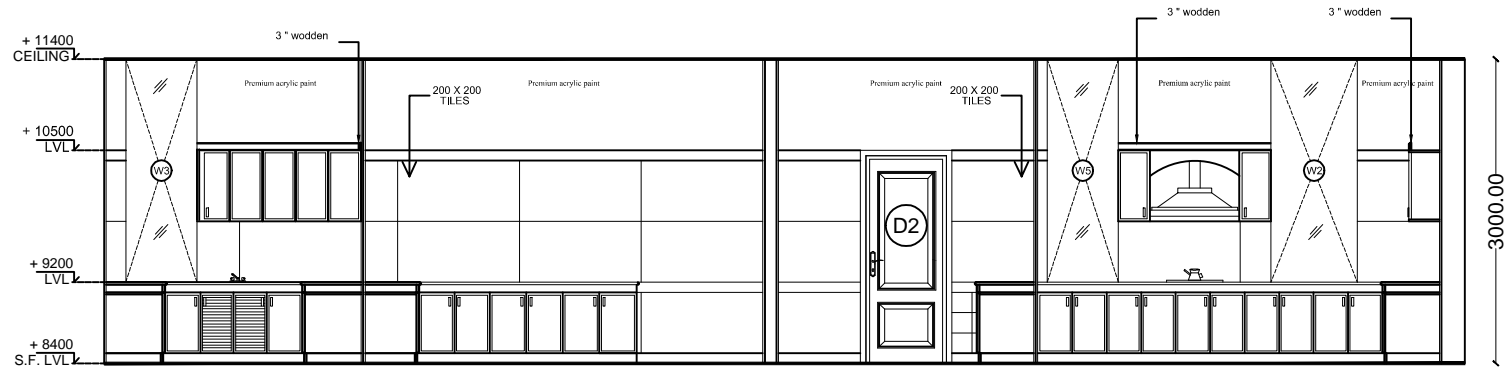
PLAN BELOW COUNTER LVL.



PLAN ABOVE COUNTER LVL.



PLAN ABOVE COUNTER LVL.



ELEVATIONS

REVISION	DATE	ISSUED TO

PROJECT :
**PROPOSED OFFICE BUILDING
 AT PLOT NO.22,POCKET
 FC/83,JA SOLA,NEW DELHI**

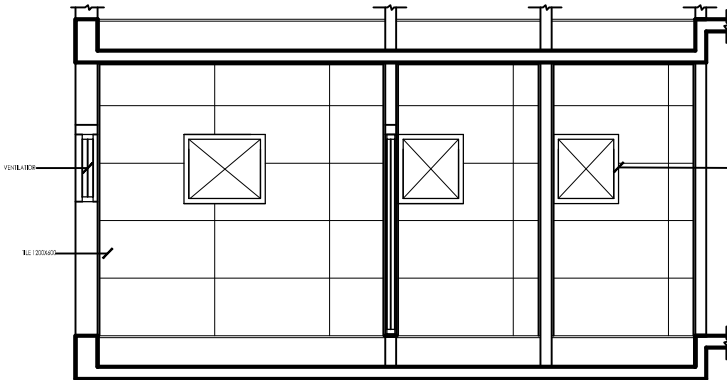
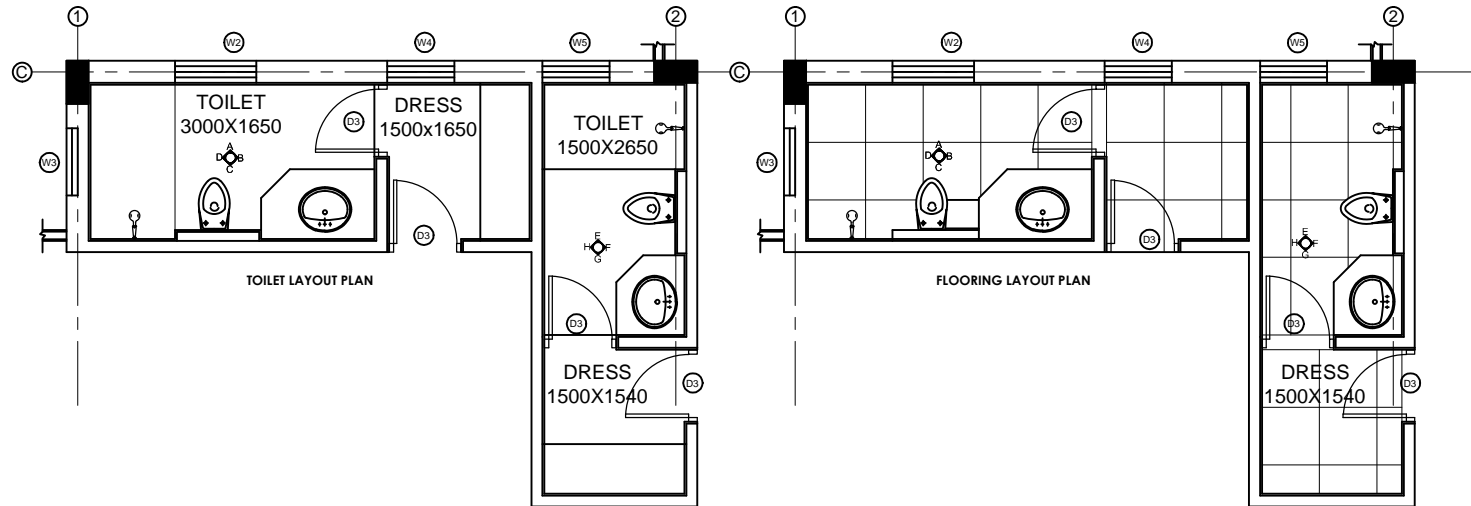
CLIENT :

TITLE :
KITCHEN DETAIL

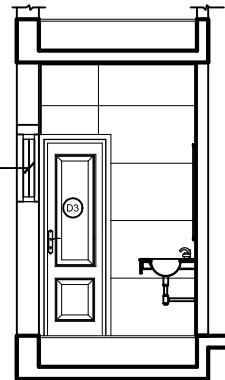
CHECKED BY	
SCALE	DATE
NTS	28 APR 2022

ARCHITECT:
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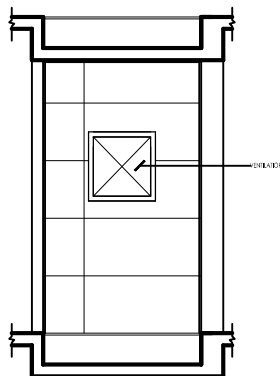
**TOILET DETAIL
NFCSF**



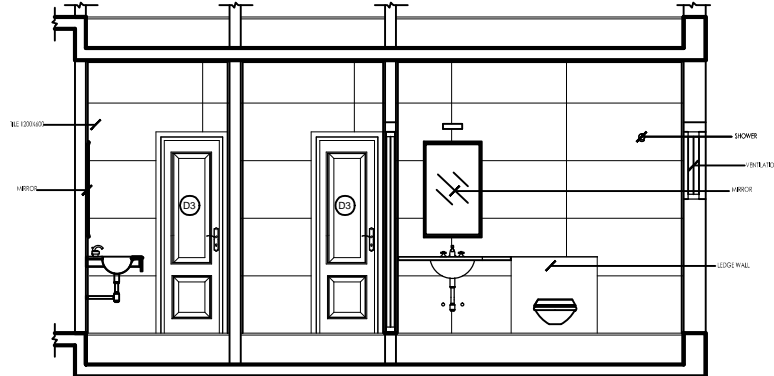
SECTIONAL ELEVATION @ "A"



SECTIONAL ELEVATION @ "B"



SECTIONAL ELEVATION @ "C"



SECTIONAL ELEVATION @ "D"

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AREA STATEMENT



REVISION	DATE	ISSUED TO

PROJECT :
**PROPOSED OFFICE BUILDING
 AT PLOT NO.22,POCKET
 FC/83,JASOLA,NEW DELHI**

CLIENT :

TITLE :
TOILET DETAILS @ 2ND FL.

CHECKED BY :

SCALE DATE DEALT BY SHEET NO.

NTS 02 MAY 2022

ARCHITECT:

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