

IITM CDOT SAMGNYA TECHNOLOGIES FOUNDATION

IITM Research Park, Taramani, Chennai – 600113

Contact Number: +91 78459 29770

Email id: tender@samgnya.in

Tender No: STF/PT/001/2025

Date: May 14, 2025

Dear Sir/Madam,

On behalf of the IITM CDOT SAMGNYA TECHNOLOGIES FOUNDATION, offers are invited for the **“INTERIOR WORK COMPRISING OF CIVIL, AND MEP WORKS (ELECTRICAL, PLUMBING, HVAC, FIRE & SAFETY WORKS FOR THE OFFICE SPACE AT IITM RESEARCH PARK, BLOCK D, FIRST FLOOR. - D1-03”** conforming to the specifications given in **Technical specification document – Annexure – III**

As per the Government of India Order, only “Class - I Local Suppliers” and “Class - II Local Suppliers” can participate in this tender.

Instructions to the Bidder

- I. Prices:** - The offer/bid should be exclusive of taxes and duties. The percentage of tax & duties should be clearly indicated separately.
- II. Submission of the Tender:** - The tender shall be sent to the address mentioned below, either by post or by courier (duly sealed and super scribed on the envelope with the Vendor Email ID, Contact Number, tender reference No and due date & time) so as to reach our office before the due date and time specified in our schedule. The offer/bid can also be dropped in the tender box on or before the due date and time specified in the schedule.

The tender box is kept in the office of the:

IITM CDOT SAMGNYA TECHNOLOGIES FOUNDATION,
D1-03, D Block, 1st Floor,
IITM Research Park, Taramani,
Kanagam Road, Chennai – 600113.

III. Terms of Delivery: -

Supplier will be fully responsible for the safe carriage of goods up to IITM CDOT SAMGNYA TECHNOLOGIES FOUNDATION (IITM SAMGNYA) or named place as per PO, Insurance coverage will be in the scope of the supplier.

The Installation/Commissioning should be completed as specified in our important conditions.

- IV. IITM SAMGNYA** reserves the full right to accept / reject any tender at any stage without assigning any reason.

SCHEDULE**Important Conditions of the tender**

1. The offers / bids should be submitted under two bid system (i.e.) Technical bid and financial bid. The Technical bid should consist of all technical details / specifications only. The Financial bid should indicate an item-wise price for each item, and it should contain all Commercial Terms and Conditions including Taxes, transportation, packing & forwarding, installation, guarantee, payment terms, pricing terms etc. The Technical bid and financial bid should be put in separate covers and sealed. Both the sealed covers should be put in a bigger cover. The Tender for “**INTERIOR WORK COMPRISING OF CIVIL, AND MEP WORKS (ELECTRICAL, PLUMBING, HVAC, FIRE & SAFETY WORKS FOR THE OFFICE SPACE AT IITM RESEARCH PARK, BLOCK D, FIRST FLOOR. - D1-03**” should be written on the left side of the Outer bigger cover and sealed.
****Note: Supplier contact details (Email, contact person, Phone number) to be specified clearly in the outer bigger cover for the purpose of sending communication regarding the Technical Bid opening.**
2. For the same tender, either the OEM or the authorized dealer/service provider can only quote. But both cannot quote separately for the same tender.
3. The offers/bids should be sent only for a machine that is available in the market and supplied to a number of customers. A list of customers in India with details must accompany the quotations. Quotations for a prototype machine will not be accepted.
4. Original catalogue (not any photocopy) of the quoted model duly signed by the principals must accompany the quotation in the technical bid.
5. Compliance or Confirmation report with reference to the specifications and other terms & conditions should also be obtained from the principal.
6. **Validity:** The validity of Quotation should not be less than 120 days from the due date of tender.
7. **EMD:** Rs. 5,19,000 /- (Rupees Five Lakhs and Nineteen Thousand Only) must be paid by means of bank transfer. Bank Account Details are given below. **Proof of remittance must be enclosed along with technical bids (Technical Bid Cover); else the bid will be rejected due to non-enclosure of EMD.** This Earnest Money will be returned to the unsuccessful tenderers after the finalization of the tenders. EMD will not carry any interest. EMD will not be waived under any circumstances. However, EMD is exempted for Micro and Small Enterprises (MSE) as defined in MSE Procurement policy issued by the department of Micro, Small and Medium Enterprise (MSME) & DIPP registered startups. Relevant proof of registration of MSE with the competent authority should be submitted. For others, non-submission of EMD will lead to rejection of tender at the opening stage itself.

Account Name	IITM CDOT SAMGNYA TECHNOLOGIES FOUNDATION
Account No	10213424287
IFSC CODE	IDFB0080101
Bank Name	IDFC FIRST BANK
Branch Name	KRM TOWER BRANCH
Account Type	SAVINGS

- 8. Performance Security:** - The successful bidder should remit Performance Security **for an amount of 5% of the value of the contract/supply**. The Performance Security may be furnished in the form of an Account Payee DD, FD Receipt in the name of "IITM CDOT SAMGNYA TECHNOLOGIES FOUNDATION" from any scheduled commercial bank or Bank Guarantee from any scheduled commercial bank in India. **The performance security should be furnished within 14 days from the date of the purchase order.**

Performance Security in the form of Bank Guarantee: - In case the successful bidder wishes to submit Performance Security in the form of Bank Guarantee, the Bank Guarantee should be routed directly to IITM SAMGNYA from the Bank.

The Bank Guarantee should remain valid for a period of sixty days beyond the date of completion of all contractual obligations of the supplier including the warranty obligations.

- 9. Delivery Schedule:** - The tenderer should indicate clearly the time required for delivery of the item (subject to the approval of the Executive Committee-IITM SAMGNYA). In case there is any deviation in the delivery schedule, a liquidated damages clause will be enforced or penalty for the delayed supply period will be levied.

In the event of **delay or non-supply of materials/execution of Contract** beyond the date of delivery/completion of job. The penalty will be levied @1% per week of delay subject to a max of 10% of the value of purchase order and if the delay is more than accepted time frame by IITM SAMGNYA, the PO would be cancelled and liquidated damages will be enforced.

- 10. Risk Purchase Clause:** - In the event of failure of supply of the item/equipment within the stipulated delivery schedule, the purchaser has all the right to purchase the item/equipment from other sources on the total risk of the supplier under risk purchase clause.

- 11. On-site Installation:** - The equipment or machinery has to be installed or commissioned by the successful bidder within the number of days (as prescribed by PI) from the date of receipt of the item at the site of IITM SAMGNYA.

- 12. Warranty/Guarantee:** - The offer should consist of Minimum 3 Years the warranty or guarantee period for the supply/interior. Any extended warranty offered for the same has to be mentioned separately (For more details please refer our Technical Specifications).

**** Note: PO which involves installation, warranty/guarantee shall be applicable from date of installation.**

- 13. Acceptance and Rejection:** - IITM SAMGNYA has the right to accept the whole or any part of the Tender or portion of the quantity offered or reject it in full without assigning any reason.

- 14. Do not quote optional items or additional items unless and otherwise mentioned in the Tender documents / Specifications.**

15. Debarment from Bidding: In case of breach of Terms & Conditions, Bidder may be suspended from being eligible for bidding in any contract with IITM CDOT SAMGNYA TECHNOLOGIES FOUNDATION up to 2 Years [as per Rule 151(iii) of GFR] from the date of Tender.

16. Disputes and Jurisdiction:

Settlement of Disputes: Any dispute, controversy or claim arising out of or in connection with this PO including any question regarding its existence, validity, breach or termination, shall in the first instance be attempted to be resolved amicably by both the Parties. If attempts for such amicable resolution fails or no decision is reached within 30 days whichever is earlier, then such disputes shall be settled by arbitration in accordance with the Arbitration and Conciliation Act, 1996. Unless the Parties agree on a sole arbitrator, within 30 days from the receipt of a written request by one Party from the other Party to so agree, the arbitral panel shall comprise of three arbitrators. In that event, the supplier will nominate one arbitrator and the Project Coordinator of IITM SAMGNYA shall nominate an arbitrator. The Chief Executive officer will nominate the Presiding Arbitrator of the arbitral tribunal. The arbitration proceeding shall be carried out in English language. The cost of arbitration and fees of the arbitrator(s) shall be shared equally by the Parties. The seat of arbitration shall be at IITM CDOT SAMGNYA TECHNOLOGIES FOUNDATION, Chennai.

- a. **The Applicable Law:** The Purchase Order shall be construed, interpreted and governed by the Laws of India. The court at Chennai shall have exclusive jurisdiction subject to the arbitration clause.
- b. Any legal disputes arising out of any breach of contract pertaining to this tender shall be settled in the court of competent jurisdiction located within the city of Chennai in Tamil Nadu.

17. All Amendments, time extension, clarifications etc., will be uploaded on the website only and will not be published in newspapers. Bidders should regularly visit the above website to keep themselves updated. No extension of the bid due date/ time shall be considered on account of delay in receipt of any document by mail.

18. Eligibility Criteria:

As per the Government of India Order, only “Class - I Local Suppliers” and “Class - II Local Suppliers” can participate in this bidding.

19. Selection of Successful bidder and Award of Order.

The order will be awarded to the technically qualified bidder as per the condition in para 3A of DIPP, MoCI Order No. 45021/2/2017-pp (BE II) dated 16th September 2020

20. Preference to “class I Local Suppliers”: preference will be given to “class 1 local suppliers” (subject to class -I local supplier’s quoted price falling within the margin of purchase preference) as per public procurement (preference to make in India) order 2017 .O.M No P- 45021/2/2017 – pp(BE - 11) dt 04/06/2020 subject to the conditions that the “class 1 Local Supplier” should agree to supply goods / provide service at L1 rate and furnish a certificate with the technical bid document that the goods/service provided by them consists local content equal to or more than 50%.(certificate from Chartered Accountant in case value of contract exceeds Rs 10 crore).

- **'Class - I local supplier'** means a supplier or service provider whose goods, services or works offered for procurement consists of local content equal to or more than 50% as defined under the above said order. **Declaration to be provided as per Annexure-II per item/service/work.**
- **'Class - II local supplier'** means a supplier or service provider whose goods, services or works offered for procurement consists of local content equal to 20% but less than 50% as defined under the above said order. **Declaration to be provided as per Annexure-II per item/service/work.**
- **'Margin of purchase preference':** - The margin of purchase preference shall be 20%. The Definition of the margin of purchase preference is defined in the Govt. of India Order No: **P-45021/12/2017-PP (BE-II) Dt.4th June 2020) Order 2017. As per the Government of India Order – "Margin of Purchase Preference"** means the maximum extent to which the price quoted by a "Class-I local supplier" may be above the L1 for the purpose of purchase preference.

****Note:** Local content percentage to be calculated in accordance with the definition provided at clause 2 of revised public procurement preference to Make in India Policy vide Gol Order no. P-45021/2/2017-PP (B.E.-II) dated 15.06.2017 (subsequently revised vide orders dated 28.05.2018, 29.05.2019 and 04.06.2020) MOCI order No. 45021/2/2017-PP (BE II) Dt.16th September 2020 & P-45021/102/2019-BE-II-Part(1) (E-50310) Dt.4th March 2021

Acknowledgement: - It is hereby acknowledged that the tenderer has gone through all the conditions mentioned above and agrees to abide by them.

Pradeep
Thangappan

Digitally signed by
Pradeep Thangappan
Date: 2025.05.14
15:07:14 +05'30'

**SIGNATURE OF BIDDERS
ALONG WITH SEAL OF THE
COMPANY WITH DATE**

FORMAT FOR AFFIDAVIT OF SELF-CERTIFICATION UNDER PREFERENCE TO MAKE IN INDIA –
PER ITEM

Tender bidding Number:

Name of the item / Service:

Date: _____

I/We _____ S/o, D/o, W/o, _____ Resident
of _____

Hereby solemnly affirm and declare as under:

That I will agree to abide by the terms and conditions of the Public Procurement (Preference to Make in India) Policy vide GoI Order no. P-45021/2/2017-PP (B.E.-II) dated 15.06.2017 (subsequently revised vide orders dated 28.05.2018, 29.05.2019 and 04.06.2020) MOCI order No. 45021/2/2017-PP (BE II) Dt.16th September 2020 & P- 45021/102/2019-BE-II-Part(1) (E-50310) Dt.4th March 2021 and any subsequent modifications/Amendments, if any and

That the local content for all inputs which constitute the said item/service/work has been verified by me and I am responsible for the correctness of the claims made therein.

Tick (✓) and Fill the Appropriate Category	
☐	I/We _____ [name of the supplier] hereby confirm in respect of quoted items that Local Content is equal to or more than 50% and come under “Class-I Local Supplier” category.
☐	I/We _____ [name of the supplier] hereby confirm in respect of quoted items that Local Content is equal to 20% but less than 50% and come under “Class-II Local Supplier” category.

- The details of the location (s) at which the local value addition is made and the proportionate value of local content in percentage

Address _____ Percentage of Local content: _____ %

For and on behalf of (Name of firm/entity)

Authorized signatory (To be duly authorized by the Board of Directors)

<Insert Name, Designation and Contact No.>

[Note: In case of procurement for a value in excess of Rs. 10 Crores, the bidders shall provide this certificate from statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.]

This letter should be on the letterhead of the quoting firm and should be signed by a competent authority. Non-submission of this will lead to Disqualification of bids

(To be given on the letter head of the bidder)

No. _____

Dated: _____

CERTIFICATE

(Bidders from India)

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and hereby certify that I am not from such a country.

OR (*whichever is applicable*)

(Bidders from Country which shares a land border with India)

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and hereby certify that I from _____ (Name of Country) and has been registered with the Competent Authority. I also certify that I fulfil all the requirements in this regard and is eligible to be considered. *(Copy/ evidence of valid registration by the Competent Authority is to be attached)*

Place:

Date:

Signature of the Tenderer
Name & Address of the
Tenderer with Office Stamp

Pre-Qualification Criteria: I				
S.NO	PRE-QUALIFICATION CRITERIA - I	Compliance (Yes/No)	Reference Page No.	Remarks, If any
1	The bidder shall not be from a country sharing land border with India and if the bidder is from a country sharing land border with India the bidder should have been registered with the competent authority as per orders of DIPP OM No. F. No. 6/18/2019-PPD dated 23rd July 2020, and MoCI Order No. P-45021/112/2020-PP (BE II) (E-43780) dated 24th August 2020. Declaration of Land border to be submitted as per Annexure II			
2	Only 'Class-I local suppliers' and 'Class-II local suppliers', as defined under DIPP, MoCI Order No. P45021/2/2017-PP (BE II) dated 16th September 2020 and other subsequent orders issued therein, shall be eligible to bid in this tender. Declaration for Class-I / Class-II local suppliers should be submitted in the prescribed proforma format as per Annexure I			
3	The bidder nor any of its partners has been blacklisted / debarred by any central or state government agencies in last 3 years. A self-declaration format given in Annexure V to be submitted along with Technical Bid.			
4	The Bidder, in case of authorized agent should submit the OEM authorization certification with reference to this tender as per Annexure IV			
Pre-Qualification Criteria: II				
S.NO	PRE-QUALIFICATION CRITERIA - II	Compliance (Yes/No)	Reference Page No.	Remarks, If any
1	The Bidder should have annual turnover of minimum Rs. 1 Crore on construction works during each of the last 3 years ending 31 –3 –2024. This should be certified by a chartered accountant. Necessary final account statement should be attached.			
2	The Bidder Firms shall be of National reputation having past experience of executing “similar works” (Interior finishes, Furniture, Furnishings and Electrical & Mechanical Works, HVAC etc. for Multi-storeyed Institutional Buildings / Corporate Offices) during the last three years ending 31st December 2024.			

	Should submit satisfactorily completed work details as per the following during the last three years ending 31st March 2025: i) Three similar works as prime Interior Contractors each costing Rs 60,00,000/- or ii) Two similar works as prime Interior Contractor each costing Rs 80,00,000/- or iii) One similar work as prime Interior Contractor each costing Rs 1,00,00,000/- And The Contractor should have executed at least 1 similar work costing Rs. 60,00,000/- with central government department /Autonomous Bodies/ Central Public Sector Undertakings. Note: The word similar completed works means Civil & lab Interior finishes, including Electrical & Mechanical Works for Multi-storeyed Institutional Buildings / Corporate Offices (Individually / aggregate of the number of works mentioned in each criteria) and should consist of Civil, structural, Interior Finishing/furnishings, including E&M Systems, etc. incorporating advanced Architectural & E&M design concepts with all modern services/amenities including acoustic performance, etc. (Proof of similar works executed shall be furnished along with PO copy, photographs/views, duly certified by the client).			
3	The bidder/Contractor should have ESB license For Electrical Works. Necessary Documents to be submitted along with the technical bid.			

SCOPE OF WORK

- The tender is called for the Development of Interiors for IITM CDOT Samgnya Technologies Foundation , Electrical & Networking, HVAC, Fire Fighting and Fire Alarm Works at 1st Floor, Block D, D103 Research Park IIT Madras.
- The bidder is required to execute the work as per the drawings enclosed as part of tender document and specifications given below:
 - General
The Scope of work shall comprise of but not limited to Supply of materials, construction, erection, installation, setting to work, integration with services, testing, pre-commissioning, commissioning, trial runs, completion, operations and maintenance of the work specified in the Bill of Quantities, Technical Specifications and drawing. The scope of work includes but is not limited to the following:

2) Preliminary and Enabling Works

- i) Preparation of samples, mock-ups, and prototypes.
- ii) Procurement, manufacture, assembling, installation, and construction.
- iii) Integrated testing and commissioning of Works and Equipment.
- iv) Supply of all Spare Parts and special tools.
- v) Preparation of Operation and Maintenance Manuals and training of Employer's personnel in the operation and maintenance of systems, integrated systems, and installed equipment.
- vi) Safety signs to safeguard / caution the workers and other Site related personnel from any accident or mishap during Construction Phase.
- vii) Protection of existing utilities and services

a) Civil Works

minor erection/installation, testing of civil works if required including partitions, doors, finishes, ceiling and acoustic installation, signage etc.

b) Electrical Works

Supply, erection / installation, testing and commissioning of Electrification works including Earthing, Cables & Trays, Distribution Boards & Breakers, Wiring & Conduiting, Lighting Fixtures, UPS, Tap off box etc.

c) Networking and Telephone conduits:

Supply, erection/installation, testing and commissioning of Networking & Telephone conduiting including sockets, outlets, conduits junction boxes, modules, cables, racks, speakers, microphone, camera, recorders, monitors, power supply units, intercom systems etc.

d) HVAC

Supply, erection / installation, testing and commissioning of Air Distribution System, piping, valves, gauges, meters, ducting, grills, diffusers, dampers, actuators, acoustic lining, foils& attus.

e) Fire Fighting and Fire Alarm.

Supply, erection / installation, testing and commissioning of Firefighting and Fire Alarm Systems.

- 3. Any change in the above design is permitted post-approval by the in-charge manager.
- 5. The bidder should use the Quantity mentioned in the Bill of Material for designing and should choose any of one of the mentioned brands/make of items as per BOM.
- 6. Any other brand other than what mentioned in BOM will not be accepted.
- 7. All materials which are in the BoQ must be submitted for approval by IITM SAMGNYA prior to the work/installation. Samples of each material and table setup are required for review and must meet the necessary standards.

8. The Contractor will not be entitled, to any compensation for any increase/reduction in the quantities of work but will be paid only for the actual amount of work done and for approved materials supplied against a specific order. The accepted variation in quantity of each individual item of the contract would be upto 100% of the quantity originally contracted. The Contractor shall be bound to carry out the work at the agreed rates and shall not be entitled to any claim or any compensation whatsoever up to the limit of 100% variation in quantity of individual item of works.
9. The Selected bidder needs to follow the norms of IITM Research Park for carrying out works as per this tender, Work generating noise levels exceeding 100 decibels will be restricted during weekdays, from Monday to Friday, between 9:00 AM and 5:30 PM..
10. Post completion of the work the vendor needs to clean all material that was brought in by the vendor including but not limited to all construction debris material, tools, construction materials, extra civil materials.
11. All damages or modifications created by any works or the contractor team member to the building need to repair to original condition by the vendor at free of cost.
12. Temporary Partitioning - to be provided for 31 Sqmt at Main Entrance and Service entry side with metal sheets/wooden panels/ any other to restrict access to site with provision for doors (that can be locked) both at the Entrance and Service entry side, The partitioning need to be removed post completion of work.
13. Adequate Temporary lighting need to be provided by the vendors for duration of the project to ensure, Proper, Quality and safe work conditions.
14. All personnel must strictly adhere to safe work practices at all times. The use of personal protective equipment (PPE) — including safety shoes, reflective jackets, helmets, goggles, masks, and work gloves — is mandatory for all tasks. Workers operating at heights above 3 feet are required to wear a certified safety harness without exception. Any violation of these safety protocols will result in immediate corrective action.
15. Selected vendors must submit a detailed list of all workers engaged in the project, along with proof of ESI and PF payments for each worker, for the duration of the work.

Technical Specifications/ Compliance statement:

***Note: Compliance To be mandatorily submitted for all the line item mentioned below along with the approved make quoted.**

Sl. No.	Item Description	Item Code	Quantity	Units	Complied / Not Complied	Remarks if any
1	Arranging a general security keeping for the project fit out duration for 60 Days on regular basis keeping minimum 2 on daily basis	Item1	-	-		
2	Arranging a general housekeeping for the project fit out duration for 60 Days on regular basis keeping minimum 2 labours on daily basis as per building norms & Project requirement.	item2	-	-		
3	P&F of fully 600x600mm vitrified 10mm thick floor tiles duly fixed with required adhesive/mortar having with 3mm spacer along with matching grouting, including the plastic protection layer and cleaning etc all complete.	item3	560.00	sqmt		
4	P&F of 300x300 mm concrete 'Designer Tiles' 10mm thick floor tiles duly fixed with required adhesive/mortar having with 3mm spacer along with matching grouting, including the plastic protection layer and cleaning etc all complete.	item4	2.50	sqmt		
5	P&F of 50mm high aluminium skirting along with 12mm thick ply as backing for fixing etc. (Wall line / Bottom Line make)	item5	255.00	rmt		
6	P&F of Dado tiles in the Pantry & Service area (basic cost up to 90/sft - height considered is 620mm)	item6	5.00	sqmt		
7	P&F of GYPSUM BOARD CEILING : Providing and fixing suspended type gyp board plain false ceiling firmly fixed on GI framework section all similar to specification of India Gypsum as detailed below: Perimeter channel (MF6A) 20mm x 27mm all along the wall fixed with the help of nylon selvees and screws @ 600 mm c/c. ii) Intermediate channel (MF7) 15mm x 45mm x 0.9mm at 1200mm c/c. iii) Ceiling angle 25mm x 10mm x 0.55mm thick fixed to soft	item7	240.00	sqmt		

	with GI cleat and steel expansion anchor fasteners. iv) Ceiling channel (MF5) 80mm x 26mm x 0.5mm @ 450mm c/c. v) 12mm thick plain Gypsum board is fixed to the ceiling section with 25mm drywall screws @ 230mm c/c. finally boards are to joined and finished.					
8	P&F of acoustic panel ceiling (4' x 2') in the Conference room. Color: White/off-white or as per architect's approval. Panels to include acoustic backing fleece or perforations (with minimum 20% open area) to reduce noise. Suspension Grid System made of galvanized steel/aluminium sections. Main runners: Minimum 24mm width, spaced at 1200mm centers. Cross T-sections: 24mm width, spaced at 600mm centers. Hangers: Adjustable GI rods/steel wires with anchoring clips at 1200mm intervals.	item8	40.00	sqmt		
9	P&F of Baffle Suspended ceiling sizes (50mm x 100mm) Aluminium with powder coating of wooden grain finish as specified by Architect. Typically 550mm center-to-center distance between baffles (adjustable based on design intent and acoustic requirements).	item9	10.00	sqmt		
10	P&F of 200x150mm deep blind Pelmet for fixing up the blinds with 18mm thick commercial ply duly fixed properly with the ceiling GI frame followed by 1mm thick Laminate finished over the ply surface including all labor charges.	item10	45.00	rmt		
11	P&F of fabric based roller blinds with 5% of screen for all the windows with manual roller mechanism along with all fixing charges etc.	item11	150.00	sqmt		
12	Providing and applying of wall paints. three or more coats of Dulux/ Asian Plastic/Satin Dustproof and water-resistant finish paint of approved make and shade as per the manufacturer's specifications including preparing the surface with putty priming coat etc. complete as specified and directed.	item12	1250.00	sqmt		
13	Providing & applying one coat of wall primer in the true ceiling, two coats of dark colour emulsion paint finish with the touch	item13	720.00	sqmt		

	up putty etc. Marking for PT slab to be retained or to be painted again in proper manner to the satisfaction of architect.					
14	Providing & applying plaster of Paris putty of 12mm (average) thickness over plastered and other surfaces like Gypsum board, Gypsum block, ply board, masonry etc.to prepare the surface even and smooth including providing grooves in the POP thickness at the junction of dissimilar materials and other places wherever required depth and width etc. all complete.	item14	175.00	sqmt		
15	GYPSUM PARTITION (100mm THICK) :-P&F of 100mm thick gypsum board partitions consisting double layer of tapered edge 12mm thick gypsum sheet along with 50mm thick 48per kg density of glass wool (UP Twiga make), 1200mm wide gypsum plaster board on both sides of GI stud with inside the partitions, having all verticals at a gap of 600mm, with screws fixed with dry wall screws of 25mm at 300 mm centres with joints scattered, 48mm metal studs to be (0.5 mm thk. having one knurled flange of 34 mm and with joints scattered and another knurled flange of 36mm fabricated from G.I. sheets) placed in 50mm floor and ceiling channels @ 600 mm centres, floor channel fixed to concrete soleplate, and ceiling channel fixed to concrete base.	item15	180.00	sqmt		
16	Fixed Glass Partition Providing and fixing of toughened fixed glass partition using 10 mm clear Toughened glass of Saint-Gobain or AIS glass with diamond edge polish at all edges. The shop drawing showing panel size / glass joint including location and details to be as per approved layout.. Most of the glass elevation shall be monolithic, without joints. The work shall be carried out as per sample approved by the architect and the rate shall be for a complete item with necessary material, labour, tools, tackles, hardware etc. complete with fixing at any height, floor and level. Saint Gobain Make	item16	110.00	sqmt		
17	Fixed Glass (Behind Reception) Providing and fixing of toughened fixed	item17	6.00	sqmt		

	glass partition using 10 mm clear Toughened glass of Saint-gobain or AIS with diamond edge polish at all edges. U-channel to be provided at the bottom with adequate MS support from the true ceiling to be provided as it is to be suspended and is a stand alone glass wall. The shop drawing showing panel size / glass joint including location and details to be as per approved layout.. Most of the glass elevation shall be monolithic, without joints. The work shall be carried out as per sample approved by the architect and the rate shall be for a complete item with necessary material, labour, tools, tackles, hardware etc. complete with fixing at any height, floor and level.					
18	Aluminium Door Frame with Single leaf style shutter door - Providing and fixing doors with aluminium door frame of size 100 X 50 mm size with 75 X 40 mm Aluminium anodized profile frame shutters with 10 mm thk toughen glass, 4 Nos Hinges & acoustic door beading etc., Door Closer - Dorma TS 91 cam action Door Closer with hold-open slide arm / GEZE TS 3000 V; Handle: Dorma / Geze - 450 mm High "D" type offset Handle; Hinges - Dorma / Geze 5" Flush suitable to style shutter; Dead lock - Dorma 952 Narrow style lock / GEZE 8134002. Door Frame Size: 1000 x 2400mm height	item18	9.00	Nos		
19	Providing & fixing of main entrance door with fixed glass on both sides & double door using of 25mm x 25mm aluminium frame fixed on floor & ceiling and 12mm thick toughened glass - as fixed glass on both sides and door using of patch fittings, 12mm thick toughened glass for door with cutout for patch fittings. The cost including SS handle 30mm x 600 height, floor spring and locking facility etc.	item19	10.50	sqmt		
20	Providing and fixing of 2 Hr Fire rated metal door Single shutter made of 1.6mm thk galvanized steel frames of size 140x57 mm with rebate and 1.2mm thk galvanized steel of 46mm thk double skin shutter with necessary infill materials and glue/sealant					

	fixed in all respect including poly urethane paint with protective film coating and all accessories like hinges, lock, handles, door closers, with 6mm thk Toughened fire glass vision panel (without mesh) etc., as per the specifications. (Door Closer - Dorma TS 91 cam action Door Closer with hold-open slide arm; Handle: Dorma - 450 mm High "D" type Handle; Hinges - Dorma 5" Flush suitable to Fire door.					
	size: 1100 x 2400 mm Height (Single door)	item20	1.00	Nos		
	size: 2000 x 2400 mm height (Double door)	item21	1.00	Nos		
21	P&F of 100mm box section wall panelling with 50x25mm aluminium section frame work duly fixed with the wall in proper plum with screws etc with 12mm thick commercial ply panelling on the wooden frame work followed with 1.0mm thick laminate with required levelling vertically & horizontal ling along with required screws, nails, adhesive etc all complete. (around Reception sofa seater)	item22	60.00	sqmt		
22	Providing & Fixing of white Lacquered glass panelling 75mm projected from the partition / wall with groove provision for fixing of LED strip light around the glass. Using of 12mm ply with frame inside + 12mm ply with 4.0mm thick lacquered glass with 4mm thk MDF Board factory finish fixed on the top surface complete as per the design & architect instruction. Basic cost of laminate Rs.250/- per sft	item23	140.00	sqmt		
23	Providing & fixing of lacquered glass panelling in the conference room big wall using of 25 x 50mm aluminium extruded section fixed 600 x 600mm c/c vertically & horizontally, 12mm thk commercial plywood fixed over the frame with necessary screws, 6mm thk white writing lacquer glass fixed with necessary adhesives complete for the glass portion at the middle for 1800mm height. top & bottom iwth 18mm thk commercial plywood with 1.0mm thick laminate fixed at top surface with necessary adhesive for 450mm at top & bottom etc. as per the drawing. size: 8.10 x 2.70 ht.	item24	22.00	sqmt		

24	P&F of required pull & Push sign ages at all the doors made of 6mm thick acrylic sheet having vinyl sticker over Doors.	item25	20.00	Nos		
25	Providing & fixing of 3M di-Noc film in the reception back drop glass fixed as per the manufacturer's specification. Size: 1.80 x 3.00	item26	6.00	sqmt		
26	Providing and fixing of 8 mm + 6mm thick transparent acrylic sandwich board for branding duly fixed with SS Stud fixed at four corners to fix the printed material inside of size 900 x1200 mm ht.	item27	4.00	Nos		
27	Providing and fixing of 8 mm + 6mm thick transparent lacquered glass sandwich board for branding duly fixed on glass partition to insert the printed material inside of size 2000 x 1200 mm ht.	item28	2.00	Nos		
28	Providing and fixing of 6mm metal panel LOGO at entrance with CNC cutting for company branding duly fixed with SS Stud fixed at four corners of size 1800 x750 mm ht.	item29	1.00	Nos		
29	Providing and fixing of 1800(w)x1050(h)x750(d) reception table fully made with 18mm thick commercial ply, followed with 6mm thick Solid metal sheet cnc cut as per design in front, top and sides as per the design in the 3D view, where internal finished must be finished with 1.0mm thk laminate finish with necessary adhesives complete with all required loading & unloading, installation etc all complete.	item30	1.00	Nos		
30	P&F of cupboard with door of size 600 x 600 x 600 mm height using 18mm thk BWR plywood all round with 1.0mm thk laminate finish at outer exposed surface and inner side with 0.7mm thk laminate finish, edges finished with 2mm thk edge beading complete as per the 3D image.	item31	4.00	Nos		
31	P&F of seater the reception seater to be made using of 18mm thk BWR plywood all round with 1.0mm thk laminate finish at outer exposed surface and inner side with 0.7mm thk laminate finish, edges finished with 2mm thk edge beading complete top finished with 75mm high density 'U' foam covered with specified cloth up to Rs.400/-	item32	3.00	Nos		

	per metre complete with all necessary hardwares & adhesives. size: 1830 x 600 x 450 ht.					
32	P&F of wall fixed cushion back rest - 450mm height made of 12mm thk commercial plywood with 50mm thick high density 'U' foam and covered with the specified cloth up to Rs. 400/- per metre complete as per the instruction of architect. Length - 1900mm	item33	3.00	Nos		
33	P & F of openable door cupboard fixed in the conference room below and to the side of the projector screen made of 18mm thick commercial plywood with 1.0mm thk laminate fixed at exposed surfaces & inside with 0.7mm thk laminate fixed, 2mm thick pvc edge beading fixed with necessary adhesive complete with all necessary hardwares. size: 2500l x 600d. x 700mm ht. + 600l x 600d x 2700 ht	item34	1.00	Nos		
34	Providing & fixing of printer area table / cupboard with openable shutter with one shelf at middle of the cupboard horizontally made of 18mm thk PLPB board with 2mm thick edge beading finished at all the cutting edge complete as per the layout					
	base cabinet size: 2500 x 600mm x 925mm height	item35	1.00	Nos		
	wall cabinet size: 2500 x 350 x 600mm height	item36	1.00	Nos		
	base cabinet Size: 1050 x 350 x 925mm Height	item37	1.00	Nos		
35	Providing and fixing of Modular typed Full Height fully laminated Storage cabinet with inside shelves & openable doors in the Pantry made of 18mm thick PLPB with 2mm thick PVC edge beading fixed with necessary adhesives & hardware complete as per the drawing. size 1200wx2400hx600d mm	item38	3.00	Nos		
36	P&F of 19mm thick Granite top to be fixed over the pantry counters s with making double moulding inclusive of granite polish on the edges to match the colour with the stone along with required Araldite adhesive along with required cutting, fixing etc all complete. Stone BSP- Rs 175 For Granite Counter Top - 3200 X 600	item39	2.10	sqmt		

37	Providing and fixing of Modular typed Base cabinets with inside shelves & openable doors in the Pantry made of 18mm thick PLPB with 2mm thick PVC edge beading fixed with necessary adhesives & hardware's complete as per the drawing. size 3200wx825hx600d mm	item40	1.00	Nos		
38	Providing and fixing of Modular typed Wall cabinets with inside shelves & openable doors in the Pantry made of 18mm thick PLPB with 2mm thick PVC edge beading fixed with necessary adhesives & hardware's complete as per the drawing. size 3200wx600hx350d mm	item41	1.00	Nos		
39	P&F of 19mm thick Granite top to be fixed in the service area with making double moulding inclusive of granite polish on the edges to match the colour with the stone along with required Araldite adhesive along with required cutting, fixing etc all complete. Stone BSP- Rs 175 For Granite Counter Top - 1200 X 600	item42	2.10	sqmt		
40	Providing and fixing of Modular typed Base cabinets with inside shelves & openable doors in the Pantry made of 18mm thick PLPB with 2mm thick PVC edge beading fixed with necessary adhesives & hardwares complete as per the drawing. size 1200w x 600d x 850 ht mm	item43	1.00	Nos		
41	Providing & fixing of 600mm SS sink of approved make fixed with the accessories like swivel tap, bottle trap, angle valve connection hose and waste coupling etc. Including PVC trap fixed in the floor	item44	1.00	Nos		
42	Providing & fixing of 1200 mm SS sink with drain board of approved make fixed with the accessories like swivel tap, bottle trap, angle valve connection hose and waste coupling etc. Including PVC trap fixed in the floor	item45	1.00	Nos		
43	Providing and fixing of kitchen sink faucet, single lever type, swivel spout, with flexible hose connection, suitable for mounting on sink top. Faucet body and spout to be made of high-quality stainless steel (SS304 or equivalent) with brushed/matte SS finish. All necessary mounting accessories, flexible	item46	2.00	Nos		

	braided inlet hoses, washers, and fittings shall be included.					
44	OFFICE 1 - STORAGE UNIT + LIBRARY Providing and fixing of Modular typed Full Height fully laminated Storage cabinet with inside shelves & openable doors made of 18mm thick PLPB with 2mm thick PVC edge beading fixed with necessary adhesives & hardware complete as per the drawing. size 3300wx2400hx900d mm	item47	1.00	Nos		
45	OFFICE 3 - STORAGE UNIT Providing and fixing of Modular typed Full Height fully laminated Storage cabinet with inside shelves & openable doors made of 18mm thick PLPB with 2mm thick PVC edge beading fixed with necessary adhesives & hardware complete as per the drawing. size 2700wx2400hx600d mm	item48	1.00	Nos		
46	WORKSTATION - STORAGE UNIT Providing and fixing of Modular typed Full Height fully laminated Storage cabinet with inside shelves & openable doors made of 18mm thick PLPB with 2mm thick PVC edge beading fixed with necessary adhesives & hardware complete as per the drawing. size 1025wx3600hx750d mm	item49	1.00	Nos		
47	Providing & fixing of ceiling suspended white writing board on both sides 100mm thick, size: 900 x 1800mm ht. suspended 600mm height from the floor made of plywood frame for the inner, 12mm thk plywood fixed on both sides, 4mm MDF with 4mm white lacquered glass on both sides, with necessary adhesives, all the four edges finished with the additional ply ledge projecting 3mm on both sides and finished with 1.0mm thk approved laminate finish. Finally 25mm MS support with necessary flange on both ends to be fixed from the true ceiling to board and from board to floor complete as per the 3D image	item50	3.00	Nos		
48	LIGHT FITTINGS (OFFICE AREA) Installation and supply of Light fittings as per architecture design. rate shall be inclusive of suitable MS supports, GI Clamps and wire cable hangers/supports with crimp arrangement and chain suspenders. The height of the hanging arrangement					

	shall be as per drawing and with all accessories to fix the hangers at purlin, rafter beam, MS supports and walls with required clamps nuts & bolts to be considered. Make : Array Storm/Philiphs					
	Reception Area - Stretch Ceiling A high-quality, flexible 0.20 mm PVC/membrane ceiling system Dim : 2450 (L) x 1840mm (B) - Diffused light Colour Temp : 4000K, 22-32W	Item51	1.00	Nos		
	Corridor Area + Reception + Cabins - 3 LED Downlight (Laser Spot Light) A high-performance, energy-efficient COB (Chip on Board) LED downlighter designed for recessed ceiling installation. Dim : 300 x 150 Colour Temp : 4000K, 36W	Item52	40.00	Nos		
	Magnetic Track Light A premium-quality suspended LED spotlight featuring high-efficiency COB (Chip on Board) technology, designed for track lighting systems. Dim : 180 mm(L) x 80 (B) Colour Temp : 4000K , 30W	Item53	4.00	Nos		
	Cabin 1 & 2 - Architectural Custom Design Lights Suspended circular cut 12 mm plywood panel with strip lighting on edges Dia - 950mm Colour Temp : 4000K, 20W	Item54	2.00	Nos		
	Reception Area - Seating - Recessed LED ceiling spot The Recessed LED Ceiling Spot is a high-performance, energy-efficient lighting to be place on the reception area above the sofa seaters Dia : 200 mm Colour Temp : 4000K, 7W	Item55	3.00	Nos		
	Workstation Suspended Round Pendant Light – High-efficiency LED with aluminium housing, adjustable suspension cables, and wide beam angle for uniform lighting. Ideal for offices Dim : diameter = 460 mm Colour Temp : 4000K , 30W	Item56	12.00	Nos		

	Printer Area The Recessed LED Ceiling Spot is a high-performance, energy-efficient lighting to be place on the reception area above the sofa seaters Dim : Diameter - 108 mm Colour Temp : 4000K , 20W	Item57	1.00	Nos		
	Cabin 3 & 4, Office 2 & Office 1 - Suspended square light Suspended Square pendant light Dim : 600 x 600mm Colour Temp : 4000K, 35W	Item58	6.00	Nos		
	Conference Room - Stretch Ceiling A high-quality, flexible 0.20 mm PVC/membrane ceiling system Dim : 6000 (L) x 1800mm (B) Colour Temp : 4000K, 22-32W	Item59	1.00	Nos		
	Office 3 - Linear Light A high-performance, energy-efficient linear LED fixture designed for suspended installation within metal baffel ceiling Dim - 1600mm L Colour Temp : 4000K , 28W	Item60	4.00	Nos		
	Workstation - 4 ft LED Lineage suspended Light A high-performance, energy-efficient linear LED suspended fixture Dim - 1200mm Colour Temp : 4000K, 28W	Item61	44.00	Nos		
	Pantry & Storage - 4 ft LED Lineage suspended Light A high-performance, energy-efficient linear LED suspended fixture Dim - 1200mm Colour Temp : 4000K, 40W	Item62	2.00	Nos		
	Entrance Area - Profile Lights Cove Lighting - LED Strip Light Colour Temp : 4000K, 14.4W	Item63	180.00	Rmt		
49	LIGHT FITTINGS (SERVICE AREA) Supply, Fixing, testing and commissioning of LED luminaire 28 W Linear Suspended light fitting with all necessary accessories suitable supports, screws, etc. from ceiling. Local make. As per Architect and consultant approval. As per Architect and consultant approval. Make : Array Storm/Philiphs	Item64	15.00	Nos		
50	LIGHT FITTINGS (SERVICE AREA) Supply, Fixing, testing and commissioning	Item65	15.00	Nos		

	of LED luminaire 20 W Linear Suspended light fitting with all necessary accessories suitable supports, screws, etc. from ceiling. Local make. As per Architect and consultant approval. As per Architect and consultant approval. Make : Array Storm/Philiphs					
51	LIGHT FITTINGS (SERVICE AREA) Supply, Fixing, testing and commissioning of surface mounted type LED luminaire 15 W light fitting with all necessary accessories suitable supports, screws, etc. from ceiling. Local make. As per Architect and consultant approval. As per Architect and consultant approval. Make : Array Storm/Philiphs	Item66	9.00	Nos		
52	DISTRIBUTION BOARDS LDB - 8 WAY (7 segment) MCB INCOMER DB: Supply, fixing, testing and commissioning of the double door type compartmental Phase segregated 8way MCB DB comprising of the following : INCOMER: 40A TPN MCB 10kA with all necessary connected accessories – 1No. 32A DPMCB WITH 32A DP RCBO 30 mA – 3 Nos. as individual phase incomers OUTGOING: Each 32A DP RCBO outgoing consist of 8nos.6\10 A 10KA SP MCB (C-Curve) in a separate compartment with necessary phase segregation as required by the Electrical Inspectorate. With necessary tinned copper busbars, interconnections, separate earth bus, separate neutral bus for each phases. The board shall be powder coated type fixed with concealed system in wall/ fixed in column. The rate shall include necessary connected civil works like chipping, rough plastering etc. Make : Havells/Schneider	Item67	1.00	SET		
53	DISTRIBUTION BOARDS PDB - 8 WAY (7 segment) MCB INCOMER DB: Supply, fixing, testing and commissioning of the double door type compartmental Phase segregated 8way MCB DB comprising of the following : INCOMER: 40A TPN MCB 10kA with all necessary connected accessories – 1No. 32A DPMCB WITH 32A DP RCBO 30 mA – 3	Item68	1.00	SET		

	Nos. as individual phase incomers OUTGOING: Each 32A DP RCBO outgoing consist of 8nos.20 A 10KA SP MCB (C-Curve) in a separate compartment with necessary phase segregation as required by the Electrical Inspectorate. With necessary tinned copper busbars, interconnections, separate earth bus, separate neutral bus for each phases. The board shall be powder coated type fixed with concealed system in wall/ fixed in column. The rate shall include necessary connected civil works like chipping, rough plastering etc. Make : Havells/Schneider					
54	Supply, Installation testing and commissioning of 1No. of 3 Phase 10 KVA UPS (0.99 IPF & <3% THDi) along with SNMP & Modbus card for the above said combination and all as per the enclosed SLD and specification mentioned above. (The rate shall also be inclusive of Remote display and alarm module for UPS failure notification with required cabling and accessories etc.) Note : Vendor to submit filled compliance for both specification sheet & Data sheet . Supply, Installation testing and commissioning of batteries for 60 mins back up at 10 KVA full load including necessary accessories like interconnecting cables between batteries ,interconnecting cables between battery bank and UPS and all as per technical specification. specification. Note : Vendor to submit Battery calculation sheet with battery catalogue. The rate shall inclusive of suitable battery circuit breaker with enclosure etc. Supply and installation of battery& Rack for the above said batteries with all required accessories. (Each set of battery rack should be suitable to accommodate the batteries which is having 60 minutes back up for 10 KVA load).	Item69	1.00	Nos		
55	Supply, installation, testing and commissioning of BACNet compatible Ultrasonic BTU meter as per the system requirements for tenant billing.					

	100 mm dia	Item70	1.00	Nos		
	80 mm dia	Item71	2.00	Nos		
	65 mm dia	Item72	3.00	Nos		
56	Supply ,Installation, testing and commissioning of Control panel for above BTU meters to control the PIBCV with necessary wiring complete all.	Item73	1.00	Nos		
57	Supply, installation of Thermowell of SS as per requirement with insert type temperature sensor complete all.	Item74	6.00	Nos		
58	Supply and installation of Flexible duct connections between main duct and diffuser plenums shall be 25mm thick fibre glass pre-insulated, single ply / multiply Aluminium construction and with multiple layers of polyester film glass fibre covered with mechanical lock sheets/ Aluminium laminated jackets-Fire resistant complete with Prefabricated and powder coated Aluminium angle frame mounting brackets and supports.					
	100mm dia	Item75	10.00	Rmtr		
59	UPS DISTRIBUTION BOARDS 8 WAY (7 segment) MCB INCOMER DB: Supply, fixing, testing and commissioning of the double door type compartmental Phase segregated 8way MCB DB comprising of the following : INCOMER: 40A TPN MCB 10kA with all necessary connected accessories – 1No. 32A DPMCB WITH 32A DP RCBO 30 mA – 3 Nos. as individual phase incomers OUTGOING: Each 32A DP RCBO outgoing consist of 8nos.6\10 A 10KA SP MCB (C-Curve) in a separate compartment with necessary phase segregation as required by the Electrical Inspectorate. With necessary tinned copper busbars, interconnections, separate earth bus, separate neutral bus for each phases. The board shall be powder coated type fixed with concealed system in wall/ fixed in column. The rate shall include necessary connected civil works like chipping, rough plastering etc. Make : Havells/Schneider	Item76	1.00	SET		

60	MAIN ELDB 4 WAY MCB INCOMER DB: Supply, fixing, testing and commissioning of the Single door type compartmental single Phase 4way MCB DB comprising of the following : INCOMER: 32A DP MCB 10kA with all necessary connected accessories – 1No. OUTGOING: consist of 4nos.25 A 10KA DP MCB (C-Curve) . With necessary tinned copper busbars, interconnections, separate earth bus, separate neutral bus for each phases. The board shall be powder coated type fixed with concealed system in wall/ fixed in column. The rate shall include necessary connected civil works like chipping, rough plastering etc. Make : Havells/Schneider	Item77	1.00	SET		
61	SPN ELDB 10 WAY MCB INCOMER DB: Supply, fixing, testing and commissioning of the Single door type compartmental single Phase 4way MCB DB comprising of the following : INCOMER: 25A DP MCB 10kA with all necessary connected accessories – 1No. OUTGOING: Outgoing consist of 8nos.10A 10KA DP MCB (C-Curve) . With necessary tinned copper busbars, interconnections, separate earth bus, separate neutral bus for each phases. The board shall be powder coated type fixed with concealed system in wall/ fixed in column. The rate shall include necessary connected civil works like chipping, rough plastering etc. Make : Havells/Schneider	Item78	2.00	SET		
62	HUB SERVER DB: Supply, fixing, testing and commissioning of the double door type compartmental Phase segregated 4way 7 segment MCB DB comprising of the following : INCOMER: 40A TPN+2 MCB 10kA with all necessary connected accessories – 1No. 40A DPMCB – 3 Nos. as individual phase incomers OUTGOING: Each 40A DP MCB outgoing consist of 4nos.16\20 A 10KA SP MCB (C-Curve) with necessary phase segregation	Item79	1.00	SET		

	as required by the Electrical Inspectorate. With necessary tinned copper busbars, interconnections, separate earth bus, separate neutral bus for each phases. The board shall be powder coated type fixed with concealed system in wall/ fixed in column. The rate shall include necessary connected civil works like chipping, rough plastering etc. Make : Havells/Schneider					
63	DISTRIBUTION BOARDS: HVAC DB - 8 WAY (VTPN) MCB INCOMER DB: Supply, fixing, testing and commissioning of the double door type 8way MCB DB comprising of the following : INCOMER: 63A 16kA 4P with all necessary connected accessories – 1No. OUTGOING: of 8nos.32A 10KA TP MCB (C-Curve) required by the Electrical Inspectorate. With necessary tinned copper busbars, interconnections, separate earth bus, separate neutral bus for each phases. The board shall be powder coated type fixed with concealed system in wall/ fixed in column. The rate shall include necessary connected civil works like chipping, rough plastering etc. Make : Havells/Schneider	Item80	1.00	SET		
64	LT CABLES & ENDTERMINATIONS For all items in the rate includes necessary connected minor civil works if required and necessary supports as required at site. No extra payment will be made for the same Supply and Laying of following size PVC/XLPE (FR-LS) insulated outer sheathed (1100 V grade) copper/aluminium armoured & un armoured conductor cable partly laid in cable tray and partly laid in wall/ ceiling with suitable individual clamps at every 1 mtr interval . Cable tray will be measured and paid separately. Cable Tags to be provided at every 50mtr interval and at either side of the bends. Only for Lighting cables cable tie will be permitted other cables clamps to be provided. Make : KEI/Havells / Power Flex					

	4 Core 16 Sq.mm XLPE Aluminium armoured Cable	Item81	120.00	Rmtr		
	4 Core 6 Sq.mm XLPE Copper armoured Cable	Item82	60.00	Rmtr		
	4 Core 4 Sq.mm XLPE Copper armoured Cable	Item83	40.00	Rmtr		
	3 Core 6 Sq.mm PVC Copper armoured Cable	Item84	25.00	Rmtr		
	1 Core 10 Sq.mm PVC Copper armoured Cable	Item85	10.00	Rmtr		
65	Supply, Fixing of Termination kit(Glands & lugs) of the following size cables with suitable double compression glands with suitable crimping socket. The rate shall be inclusive of Gland Earthing Plate Prefabricated as per Gland Size with provision for connecting Cu.SWG and Cable Tags should be engraved type for all I/C,O.G& lighting Circuits (copper sockets for copper cables and Alu. Sockets for alum. Cable) Make : Comet/Prabhat					
	4 Core 16 Sq.mm XLPE Aluminium armoured Cable	Item86	6.00	Nos		
	4 Core 6 Sq.mm XLPE Copper armoured Cable	Item87	4.00	Nos		
	4 Core 4 Sq.mm XLPE Copper armoured Cable	Item88	2.00	Nos		
	3 Core 6 Sq.mm PVC Copper armoured Cable	Item89	2.00	Nos		
	1 Core 10 Sq.mm PVC Copper armoured Cable	Item90	2.00	Nos		
66	WIRING - CIRCUIT CUM POINT WIRING The rates for all point wiring items shall also include supplying and fixing of the Conduits, conduit specials, bushes and other fittings, Approved GI saddles and grouting the same for exposed conduit work, 2 mm thick Outlet boxes and junction box, All fixing accessories such as clips, brass screws etc, All work & materials necessary for wiring a point circuit of any length from the Final Distribution Board to connector via switch and shall include the circuit wiring also except where identified. Make : Finolex/Havells	Item91	40.00	Pts		

67	Primary Light / Fan Point Wiring: Supply, wiring, connecting & commissioning of 3Runs 1.5 Sq.mm. (Ph, Neutral & Earth) PVC insulated multistranded HR-FRLSH-LF copper wires in 1.8mm thick MS conduits fixed on ceiling partly and 1.8 mm thick PVC conduit concealed in the wall partly with necessary clamps, screws, etc., as required as per the site condition including supplying and fixing of modular 6A One way switch along with moulded front plate in GI anodised manufacturer's mounting box-Flat switches with indication fixed flush with the wall complete with all accessories including 3 plate ceiling rose. NOTE: Above false ceiling when it is open wiring it should be of MS conduit. Make :Finolex/Havells	Item92	74.00	Pts		
68	Lighting Circuit Mains: Supply and laying of 3 Runs 2.5 Sq.mm. (Ph, Neutral & Earth) PVC insulated multistranded HR-FRLSH-LF copper wires in 1.8mm thick MS conduits fixed on ceiling partly and 1.8 mm thick PVC conduit concealed in the wall partly with necessary clamps, screws, etc., as required as per the site condition., from LDB to Lighting Switch Boards and MCB to First Light Point. Make :Finolex/Havells	Item93	400.00	Rmt		
69	SOCKETS Supply, Installation, testing and commissioning of 1nos 6/16A Universal switched socket (UPS) and 1nos 16A switches and with moulded front plate, GI anodised enclosure, and mounting box in the wall(concealed/open)and other associated accessories including chasing embedding rough plastering as required as per the site conditions for power points. Make : Havells/Schneider	Item94	2.00	Nos		
70	Supply, Installation, testing and commissioning of 2No of 6A Socket &1No of data & HDMI Port & Cable With POP-UP BOX (UPS POWER)_with_other associated accessories including chasing embedding rough plastering as required as per the site	Item95	7.00	Nos		

	conditions for power points. Make : Havells/Schneider					
71	Supply, Installation, testing and commissioning of 3nos 6A Universal switched socket (UPS) and Each1nos 6A switches and 1no data point with moulded front plate, GI anodised enclosure, and mounting box in the wall(concealed/open)and other associated accessories including chasing embedding rough plastering as required as per the site conditions for power points. Make : Havells/Schneider	Item96	59.00	Nos		
72	Supply, Installation, testing and commissioning of 2nos 6A Universal switched socket (UPS) and Each1nos 6A switches with moulded front plate, GI anodised enclosure, and mounting box in the wall(concealed/open)and other associated accessories including chasing embedding rough plastering as required as per the site conditions for power points. Make : Havells/Schneider	Item97	4.00	Nos		
73	Supply, Installation, testing and commissioning of 1no 6A Universal switched socket (UPS) and Each1nos 6A switches with moulded front plate, GI anodised enclosure, and mounting box in the wall(concealed/open)and other associated accessories including chasing embedding rough plastering as required as per the site conditions for power points. Make : Havells/Schneider	Item98	16.00	Nos		
74	Supply, Installation, testing and commissioning of 1no 6A Universal switched socket Raw power and Each1nos 6A switches with moulded front plate, GI anodised enclosure, and mounting box in the wall(concealed/open)and other associated accessories including chasing embedding rough plastering as required as per the site conditions for power points. Make : Havells/Schneider	Item99	2.00	Nos		
75	Supply, Installation, testing and commissioning of 2nos 6/16A Universal switched socket Raw power and 2nos 16A	Item100	4.00	Nos		

	switches and with moulded front plate, GI anodised enclosure, and mounting box in the wall(concealed/open)and other associated accessories including chasing embedding rough plastering as required as per the site conditions for power points. Make : Havells/Schneider					
76	Supply, Installation, testing and commissioning of 2nos 25A switched socket (UPS) for interactive board and 1no data point with moulded front plate, GI anodised enclosure, and mounting box in the wall(concealed/open)and other associated accessories including chasing embedding rough plastering as required as per the site conditions for power points.	Item101	2.00	Nos		
77	Supply & Laying of 2R 4 sq.mm and 1R 2.5 Sq.mm. PVC Conduit insulated FRLS multistranded cu wires 20mm dia 2 mm thick MS/PVC/ conduit with all accessories as reqd. (From DB to 6/16A Raw/UPS Power Sockets). Make : Finolex/Havells	Item102	400.00	Mtr		
78	Supply & Laying of 2R 2.5sqmm and 1R 2.5 Sq.mm. PVC insulated FRLS multistranded cu wires in the 20mm dia 2mm thick MS conduits with all accessories as reqd. (From DB to 6A Raw/UPS Switch & Sockets) Make : Finolex/Havells	Item103	500.00	Mtr		
79	Supply & Laying of 2R 2.5sqmm and 1R 1.5 Sq.mm. PVC insulated FRLS multistranded cu wires with laid in conduit or Raceways all accessories as reqd. (From DB to 6A Raw/UPS Switch & Sockets). Make : Finolex/Havells	Item104	750.00	Mtr		
80	LIGHT FITTINGS Installation of Light fittings supplied by interior team. rate shall be inclusive of suitable MS supports, GI Clamps and wire cable hangers/supports with crimp arrangement and chain suspenders. The height of the hanging arrangement shall be as per drawing and with all accessories to fix the hangers at purlin, rafter beam, MS supports and walls with required clamps nuts & bolts to be considered. Make : Array Storm/Philiphs	Item105	114.00	Nos		

81	EARTHING Supply, installing, testing and commissioning of maintenance free earth pipe of 3 mtr long T50 mm dia dual G.I pipe with flat buried in ground with back filling compound in an earth pit of 450 x 450 x 3000mm mixed with sand in alternate layers of 150mm each up to a height of 2550mm from bottom. The pipe shall have provision for connecting earth flats / wires. A masonry structure of wall thickness of not less than 230mm shall be constructed to a depth of 450mm and heavy duty SFRC cover shall be used to cover the pit.	Item106	2.00	Nos		
82	Supply and laying of following copper flats laid in open / buried underground / concealed manner with necessary clamps, SMC insulators, screws, interlinks etc. for earthing 50X10 mm GI . Flat for panel/DB cable tray Body earthing. Make: ISI Marked Indian brand	Item107	50.00	Rmt		
83	25X6mm GI . Flat for panel cable tray Body earthing. Make: ISI Marked Indian brand	Item108	80.00	Rmt		
84	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing as required. Make: ISI Marked Indian brand	Item109	50.00	Rmt		
85	8 SWG Cu. Wire for DBs earthing. Make: ISI Marked Indian brand	Item110	200.00	Rmt		
86	CABLETRAY: Supply, erection of following sizes perforated type cable rack system made out of sheet steel folded to required shape with adequate number of supports. The lighting/power cable rack shall have runners rugs of suitable size, horizontal elbow, vertical elbow 90 Deg.Up vertical elbow 90 Deg. Down, re-deep, coupler plates, materials. The lighting/power cable racks shall be suspended from ceiling and supported from side walls or columns etc. with adequate size supporting GI threaded rod's, 'C' channels with fasteners, anchor bolts, nuts etc. The rack shall have suitable cable clamping arrangements etc and also as per the technical specification. The	Item111	70.00	Rmt		

	height of the hanging arrangement shall be as per drawing and with all accessories to fix the hangers at columns/purlin / rafter beam/walls with required MS clamps nuts & bolts to be considered. No extra payment will be made for the same.(The MS angle and channel supports used for cable trays as per approved drawings, site conditions, client and consultant requirements will be measured and paid separately). For Perforated Cable trays with cover designed, tested and confirming to IEC 61537, thickness of cable tray should be according to the manufacturers catalogue. For locally fabricated and non-tested tray, thickness should be 2 mm up to span length of 1.5 meter, 2.5 mm for span length between 2 to 3 meter and 3 to 4 mm for span length between 4 and 10 meter. size 300mm x 50mm. Make : Aerostar / Niedax / Profab					
87	CHILLD WATER SYSTEM AHU : Supply, Installation, Testing and Commissioning of vertical floor mounted double Skin AHU's With 25 mm Sand witted PUF Insulation, DIDW backward curved top discharge Fan with TEFC motor, 8 row chilled water coil, pre filter section with filters of 90% efficiency down to 10 u, Limit Switch, Emergency Light, Guard for Inspection Door, Commissioning filters set, outlet damper, etc. of the following capacities with VFD starter panel complete all. including vibration pad etc. -13000 cfm @ 50 mm static . Make : C V R tech / Frex Air / Air prsim Tech	Item112	1.00	Nos		
88	AIR DISTRIBUTION SYSTEM : Supply, installing, testing and commissioning of following items as specified and shown on the drawing for complete and satisfactory operation and control and to local authorities approval. Air distribution system consists of factory fabricated sheet metal rectangular ducting with reinforcement / stiffeners (manufactured through computer aided machine which has automatic provision for plasma cutting for the profiles and for auto folding) with					

	TDF /TDC flanges, nuts and bolts, corners, clips etc with suspenders with Gripple /Zip Clip cables, complete as per specification. The ducts shall be fabricated as per SMACNA standards. Make : Cosmic / Sreevinus					
	18G thick GSS ducting – factory fabricated	Item113	20.00	Sq.m.		
	20G thick GSS ducting – factory fabricated	Item114	30.00	Sq.m.		
	22G thick GSS ducting – factory fabricated	Item115	180.00	Sq.m.		
	24G thick GSS ducting – factory fabricated	Item116	350.00	Sq.m.		
89	Supply and install GI sheet metal Flat oval Spiral ducting with fittings, Gripple supports, The factor of gripple to suit to duct weight, with necessary anchor fasteners and hook arrangements with suitable rod thickness, etc., confirming SMACNA standards. Duct should be fabricated by using CNC machines, Including necessary civil works as per site condition. including spray painting for exposed ducts to match interior. Colour shall be confirmed by Architect. Including Gripple support. Make : Cosmic / Sreevinus					
	22 Guage	Item117	120.00	Sq.m.		
	24 Guage	Item118	150.00	Sq.m.		
90	Supply, fabricating and erecting structure steel of make TATA/SAIL shall be confirm to IS:2062 along with test certificate as per specification including transporting, straightening, cleaning, fabricating and erecting various structures in position for ducting support, applying two coats of zinc chromate primer of ICI, Asain make or equivalent, with rubber gasket between support & duct as per specifications and drawings and as directed by the Engineer-in-Charge client /consultant.	Item119	200.00	Kg		
91	Supply and erection of acoustic Insulation of Supply air duct with 19mm thick Armasound - ncross linked polyethylene foamed insulation with aluminium foil	Item120	250.00	Sq.m.		

	thickness class-1, temperature range from -10°C to +85°C, Class 1 fire category and as per specification. Make : K Flex / Arma Flex					
92	Supply and erection of thermal Insulation of supply air duct with 13mm thick, FM approved cross linked polyethylene foamed insulation with aluminium foil thickness class-1, temperature range from -10°C to +85°C, Class 1 fire category and as per specification. Make : K Flex / Arma Flex	Item121	450.00	Sq.m.		
93	Supply and fixing of Spigot damper shall be installed from take off collar to diffuser plenum boxes (low leakage) made out of 1.6mm galvanized sheet steel frame and blades of 1.0mm galvanized steel with suitable links. Make : Cosmic / Sreevinus					
	250mm dia	Item122	8.00	Nos		
	100mm dia	Item123	2.00	Nos		
94	Supply and installation of Flexible duct connections between main duct and diffuser plenums shall be 25mm thick fiber glass pre-insulated, single ply / multiply Aluminium construction and with multiple layers of polyester film glass fiber covered with mechanical lock sheets/ Aluminium laminated jackets-Fire resistant complete with Pre-fabricated and powder coated Aluminium angle frame mounting brackets and supports. Make : Cosmic / Sreevinus					
	250mm dia	Item124	30.00	Rmtr		
	100 mm dia	Item125	20.00	Rmtr		
95	Supply and installation of Powder coated extruded aluminium linear grills for supply air grills .The rate shall inclusive of aluminium with collar damper, necessary fixing and supporting arrangement for the grilles. Make : Cosmic / Sreevinus	Item126	12.00	Sq.m.		
96	Supply and installation of Powder coated extruded aluminium linear grills for return air grills. The rate shall inclusive of aluminium with out collar damper, necessary fixing and supporting	Item127	16.00	Sq.m.		

	arrangement for the grilles. Make : Cosmic / Sreevinus					
97	Supply, fixing of extruded aluminium profile supply air Slot linear diffusers with necessary fixing accessories and End unit, Hit and miss damper for supply air side, Length as per drawings. Make : Cosmic / Sreevinus					
	2Slot	Item128	12.00	Rmtr		
	3 Slot	Item129	6.00	Rmtr		
98	Supply, fixing of extruded aluminium profile Return air slot linear diffusers with necessary fixing accessories and End unit, without Hit and miss damper for supply air side, Length as per drawings. Make : Cosmic / Sreevinus					
	2 Slot	Item130	16.00	Rmtr		
	3 Slot	Item131	8.00	Rmtr		
99	Supply and installation of GI volume control damper, (low leakage) made out of 1.4mm thick galvanised sheet steel frame and opposed blades of 1.4mm galvanised steel with suitable links, handles, levers and quadrants for manual control of volume of air flow and for proper balancing of air distribution system. Rectangular type VCD - for future provision classified room damper to be provided. Make : Cosmic / Sreevinus	Item132	4.50	Sq.m.		
100	Supply Fabrication , and erection of Double canvas connection made out of fire retardant canvas cloth with Zip required necessary fixing arrangements including nuts & bolts Etc	Item133	2.00	Sq.m.		
101	Z type sound attenuaters. (area calculation : ((W+H)x2)xL) Supply and Fixing of Cross Talk silencer fabricated using 22G GI Sheets with using 10 mm thick class 1 rating Open cell nitrile rubber elastomeric insulation with density of 140 - 180 kg / m ³ . with necessary fixing arrangements, anchor bolts, full thread rods, angle supports etc, as scheduled and as specified. Make : Cosmic / Sreevinus	Item134	10.00	Nos		
102	DRAIN PIPE : Insulated Condensate Drain Piping : Supply Insulated PVC Condensate Drain piping as					

	per specification as mentioned in the document insulated same as chilled water piping but without polyshield covering. Consider drip pans with drain pipe .Entire drain pipe needs to be insulated with Nitrile rubber. Make : Astral / Ashirvad					
	32 mm dia	Item135	6.00	Rmtr		
	25 mm dia	Item136	12.00	Rmtr		
103	MSPIPPING Interconnecting MS with c class pipe work duly insulated with elastomeric nitrile rubber type tubular insulation as per specifications .All piping inside the room shall be properly supported with hanger.MS supports for piping & cables, using angles, channels, Tees, flats, etc should be considered as part of scope. All MS supports shall be given a coat of red-oxide primer and two coats of synthetic enamel paint of approved colour.					
	80 mm dia	Item137	24.00	Rmtr		
	65 mm dia	Item138	12.00	Rmtr		
104	Supply, installation of nitrile rubber insulation with aluminium cladding of 26 Gauge complete all.	Item139	55.00	Rmtr		
105	Y-TYPE STRAINER : Supply, Installation, Testing and Commissioning of Y – Strainers CI fabricated complete with SS - 304 perforated sheet basket having 3 mm perforated hole, PN-16 pressure rating body, Tabel-E flanged ends and duly insulated as per piping and specs. Make : Saint					
	65 mm dia	Item140	1.00	Nos		
106	BUTTERFLY VALVES : Supply, installation, testing & commissioning of Wafer type Butterfly valves with PN 16 pressure rating, Cast iron body , EPDM Seal, Stainless Steel 416 Shaft material, Nylon coated ductile iron lever lock handle and confirming to IS:13095, complete with companion slip on flanges as per BS10, nuts, bolts and gaskets as					

	required. with 30 mm thick PUF with Aluminium cladding thickness of 22G. Make: Audco/ Advance / Zoloto					
	50mm Dia	Item141	2.00	Nos		
	65mm Dia	Item142	2.00	Nos		
107	PRESSURE INDIPENDENT BALANCING AND CONTROL VALVE - PIBCV : Supply, Installation, Testing & Commissioning of Pressure independent balancing cum flow control valve PN16, Cast Iron body with flanged end with modulating type electronic actuator, solid state temperature sensor and controller, power and control wiring, power supply unit etc. The valve actuator and sensor shall be IBMS compatible. with 30 mm thick PUF with Aluminium cladding thickness of 22G as per specification					
	80 mm dia	Item143	1.00	Nos		
108	PRESSURE GAUGES : Supply, Installation, Testing and Commissioning of dial type pressure gauges made of Stainless steel with range selected so that normal operation is near to middle of the scale. Syphons and cocks to be provided along with SS snubber. Make : Hguru/ Waaree /Wika	Item144	2.00	Nos		
109	DIAL TYPE THERMOMETERS : Supply, Installation, Testing and Commissioning of dial type Dial type Thermometers of 100 mm dia shall be of mercury in steel type with range suitable for the temperature services. It should be installed in the thermowells as explained in the tender specifications.. Make : Wika/ H guru	Item145	2.00	Nos		
110	DRAIN VALVE :Supply, Installation, Testing and Commissioning of Ball Valve for drain with insulation. Nipple and dummy to be fixed after the gate valve of size 25 mm NB. Make : Zoloto / Saint / RB	Item146	1.00	Nos		
111	AUTO AIR VENT VALVES : Auto Air valves to be provided at all high points in the piping system for venting. Valves shall be of the double float type with G.M body, vulcanite balls, rubber seating, etc. of 20 mm NB and shall be associated with an equal size gate	Item147	2.00	Nos		

	valve with rising spindle. Make : Zoloto / Saint / RB					
112	Ball VALVES : G.M body, vulcanite balls, rubber seating, etc. of following size in mm NB and shall be associated. Make : Zoloto / Saint / RB					
	50mm Dia	Item148	2.00	Nos		
	25mm Dia	Item149	1.00	Nos		
113	VAV SYSTEM : Supply & commissioning of VAV Units complete with low leakage damper actuator, Microprocessor control unit, Digital Thermostat with provision for set point temperature, control transformer, controller compatible to BACNET OVER IP. VAV shall be Electronically controlled type, thermostat, VAV actuator suitable for 0-10V command to modulate. VAV unit shall pressure, independent unit complete with aluminium multipoint air flow measuring grid and tubing. Unit casing shall be of G.S.S. 24G with internal lining of fibre glass covered with R.P. tissue and aluminium perforated sheet. Unit shall including the port charges ,loading, unloading, transportation. transits insurance up to site and other incidentals complete delivery at site. Make : Zedbee / Donfos / Honeywell					
	0-650 cfm	Item150	7.00	Nos		
	901-1500 cfm	Item151	1.00	Nos		
	1501-2000 cfm	Item152	1.00	Nos		
114	VAV Integrator : Supply & installation of interface unit provided with Bacnet over IP. Integrator & router shall be provided at the BMS room. Parameters shall be including shown on the MODSCAN / Back stack / Cimetrics software before integrating to IBMS, scope shall include all mapping details & ID setting in the VAV.	Item153	1.00	Nos		
115	Supply, laying & termination of 2C, 1.0 Sqmm, PVC multistrand, unarmoured, Screened Copper Cable. Make : Polycab / Power flex	Item154	350.00	Rmtr		

116	Supply & fixing of 25mm MS conduits complete with all fittings & accessories. Make : Guptha / Presicion	Item155	200.00	Rmtr		
117	Supply & Fixing of duct pressure sensor in the rang of 0 to 500 Pascal.	Item156	1.00	Nos		
118	Supply & installation 50mm x 50 x 1.6mm Powder coated covered GI cable trays with 16swg Hot dipped galvanised including tee, right angle bends, etc., including all fixing supports and accessories etc- for VAV looping. Make : Aerostar / profab	Item157	100.00	Rmtr		
119	SPRINKLER SYSTEM : MS PIPE ERW Heavy class pipe as per IS:1239 with suitable fittings to suitable pipe fabricated as per Tender specifications for A/G. Including structural supports and necessary painting of 2 coat of red oxide and 2 coat of RED paint complete all. Make : TATA / Jindal					
	150 NB	Item158	30.00	Rmtr		
	100 NB	Item159	18.00	Rmtr		
	80 NB	Item160	42.00	Rmtr		
	65 NB	Item161	54.00	Rmtr		
	50 NB	Item162	90.00	Rmtr		
	40 NB	Item163	84.00	Rmtr		
	32 NB	Item164	30.00	Rmtr		
	25 NB	Item165	270.00	Rmtr		
120	Standard Response Standard coverage upright /pendent Type Sprinklers 15mm Size, BSPT end connection with 68 Deg.C.Temp. rating, K - 5.6 with UL Listed . Make : VIKING .Pendant type 68 degree temp.- Concealed sprinkler. Make :Viking / Monsher	Item166	70.00	Nos		
121	Upright type 68 degree temp.	Item167	125.00	Nos		
122	Supplying ,Installing, testing and commissioning of SS braided Flexible drop pipe with necessary fittings and connection ends.	Item168	70.00	Nos		
123	SITC of water Flow detectors with vane type. -150 NB . Make: Honeywell / Wika	Item169	1.00	Nos		
124	Supplying ,Installing, testing and commissioning of 50 mm Dia Sight glass for the required pressure rating as per design.	Item170	1.00	Nos		

	PN 10 rating Approved Make: Viking /HD Fire					
125	Cast iron body Butterfly valve , of PN 1.6 pressure rating complete with matching flanges ANSI class # 150 ,with bolts & nuts etc Make : Audco / Advance 150 NB	Item171	1.00	Nos		
126	Supply & Erection of 50 NB Gun Metal Ball valve for vent, test & drain valve. Make : Audco / Advance	Item172	1.00	Nos		
127	Control cabling for flow switches with FRLS copper armoured cable of 2C X 1.5 Sq.mm with ISI marked including junction boxes, cable glands, clamps, screws etc. Make : Polycab /Power flex	Item173	300.00	Rmtr		
128	Supply of Adjustable SS Rossette Plate . Make : C system	Item174	70.00	Nos		
129	Necessary pressure testing after shutdown the system and completed the work.	Item175	1.00	Lot		
130	FIRE EXTINGUISHERS: - Portable ceiling mounted clean agent fire extinguishers manufactured as per IS with ISI marked suitable for wall mounting / floor mounting / trolley types with all accessories. -4 kg ABC dry Chemical Powder Fire extinguisher wall mounted brackets . Make : Safex / Cease Fire	Item176	10.00	Nos		
131	4.5 kg. capacity carbon di-oxide fire extinguishers with wall mounting bracket	Item177	10.00	Nos		
132	SITC OF SIGNAGE SYSTEM -"FIRE EXIT " - SINGLE SIDE. Make : Prolite	Item178	3.00	Nos		
133	"DIRECTIONAL EMERGENCY EXIT " (AUTOGLOW SIGNAGE) - DOUBLE SIDE. Make : Prolite	Item179	7.00	Nos		
134	" EXTINGUISHER Signages - Autoglow, with suspension chains (Autoglo signages, size 150 x 300) - double side. Make : Prolite	Item180	10.00	Nos		
135	" MCP Signages - Autoglow, with suspension chains (Autoglo signages, size 150 x 300 - double side	Item181	4.00	Nos		
136	Fire Evacuation Route Map as per following specification Evacuation plan shall be glow in dark. A3 size with 5mm thick rear & 3mm thick front acrylic cover including wall	Item182	1.00	Nos		

	mount supports. Make : Prolite					
137	Supply, Installation, Testing and Commissioning of Analog Addressable Photo Electric Smoke Detector above with necessary base box complete all. Make : Ravel / Edwards/ Honeywell	Item183	60.00	Nos		
138	Supply, Installation, Testing and Commissioning of Analog Addressable Photo Electric Smoke Detector below with necessary complete all.	Item184	38.00	Nos		
139	Supply, Installation, Testing and Commissioning of Response Indicators.	Item185	60.00	Nos		
140	Supply, Installation, Testing and Commissioning of Addressable Manual Pull Station .	Item186	5.00	Nos		
141	Supply, Installation, Testing and Commissioning of Sounder Cum Strobe .	Item187	5.00	Nos		
142	Supply, Installation, Testing and Commissioning of Addressable Short Circuit Isolator Module	Item188	6.00	Nos		
143	Supply, Installation, Testing and Commissioning of Addressable Control Module.	Item189	8.00	Nos		
144	Supply, Installation, Testing and Commissioning of Addressable Monitor Module .	Item190	10.00	Nos		
145	Supply, Installation, Testing and Commissioning of Junction Box.	Item191	60.00	Nos		
146	Supply & Laying of 2C X 1.5 Sq.mm Shielded Copper Armoured Cable, including clamps, fixing accessories complete all. Make Power Flex/ Varsha / Polycab	Item192	800.00	Rmts		
147	Supply & Laying of 4C X 1.5 Sq.mm Shielded Copper Armoured Cable, including clamps, fixing accessories complete all. Make Power Flex/ Varsha / Polycab	Item193	350.00	Rmts		
148	Supply, Installation, Testing and Commissioning of fire alarm system with existing FAC panel and necessary successful completion and system to be up with proper addressing complete all.	Item194	1.00	Lot		
149	ACCESS CONTROL SYSTEM -4 door controller with cabinet and power supply back up. as per specification. Make : Essl / Honeywell	Item195	2.00	Nos		
150	MultiTech reader	Item196	6.00	Nos		

151	Supply, Installation, Testing and Commissioning of surface / flush mounted (as required at site) Magnetic Contact & Latch (Door position sensor) for access controlled doors as per the tender specification.	Item197	3.00	Nos		
152	Supply, Installation, Testing and Commissioning of exit switch & accessories with 2.5mm thick SS front plate as per specification suitable for mounting on metal surface/metal frames or wooden frames wall or as required based on site conditions including all accessories.	Item198	3.00	Nos		
153	Supply, Installation, Testing and Commissioning of Buzzer for access controlled doors as specified in the Tender Specifications	Item199	3.00	Nos		
154	Supply installation, testing, commissioning of EDR (EMERGENCY BREAK GLASS)	Item200	3.00	Nos		
155	Supply and laying of 4 core 1.0 Sq mm Un Armoured Shielded FRLS, Multistranded Copper Conductor, PVC sheathed Cable for connecting controller to Lock & door position sensors, Buzzer, BGU, Pushbutton as per the tender specifications Rate shall inclusive of 2mm thick suitable dia FRLS PVC conduits with ,JB's in wall, columns, ceiling etc., including associated civil works.	Item201	45.00	Rmts		
156	Supply and laying of 8 core x 1 Sq mm Un Armoured Shielded FRLS, Multistranded Copper Conductor, PVC sheathed Cable for connecting controller to readers as per the tender specifications Rate shall inclusive of 2mm thick suitable dia FRLS PVC conduits with ,JB's in wall, columns, ceiling etc., including associated civil works.	Item202	45.00	Rmts		
157	Supply and laying of 2 core x 1 Sq mm Un Armoured Shielded FRLS, Multistranded Copper Conductor, PVC sheathed Cable Rate shall inclusive of 2mm thick suitable dia FRLS PVC conduits with ,JB's in wall, columns, ceiling etc., including associated civil works. (conduits & cables - blue colour)	Item203	60.00	Rmts		
158	Supply and laying of MS Powder coated Trunking 150 x 50 mm x 2mm with cover &	Item204	60.00	Rmts		

	fixing supports etc as required. Make : Aerostar / Ari Brill / Profab					
159	Supply and laying of CAT6 cable in PVC FRLS Conduits (this item inclusive of necessary patch cords, I/O's & terminations) - for connecting Controller/Reader with IP switch	Item205	150.00	Rmts		
160	Supply, Installation, Testing and Commissioning of Local scare alarm with required wiring between LCA & door contacts (For fire exit doors). Make : C System	Item206	3.00	Nos		
161	VIDEO SERVLANCE SYSTEM - Supply, installation, testing and commissioning of, 5 Megapixel low light power over - coax(PoC), Dome type HD Output, up to 720 P resolution, Low illumination, 3.6mm lens, tru day / Night , OSD menu, Smart IR, Up to 40 m IR Distance, necessary supports, complete all. Make :Uniview / Panasonic / Hikvision	Item207	12.00	Nos		
162	Supply, installation , testing and commissioning of PYE switch (Power on Ethernet) with necessary arrangement complete all. Make : D link	Item208	1.00	No		
163	Supply, installation of Cat 6 cable with 25 mm PVC conduit with necessary L, bend, flexible conduit , clamps complete all.	Item209	80.00	Rmts		
164	Supply and laying of 2Cx 1.0 Sq.mm FRLS cable with suitable accessories etc.	Item210	80.00	Rmts		
165	Integration with existing NVR with necessary commissioning complete all,	Item211	1.00	lot		
166	Supplying and Erection stainless steel sink having over all size of 1900 x 410 x 300 mm single bowl with drain board and CP waste coupling with dome grating and braided hose for water line as supplied with sink, providing suitable bracket, MS angle, grouting into wall in concrete of 1:3:6 mix, (Elegance) . Make : Parryware / Nirali	Item212	1.00	No		
167	Supply & fixing of 15mm dia Sink cock with necessary fixing arrangement and flanges complete all. Jaquar Make FLN-5347N	Item213	1.00	No		
168	Supplying and Erection Floor Drain and floor traps 1.4 pvc storage water height 50,	Item214	1.00	No		

	cutting the surfaces, laying cement concrete in 1:2:4 mix with 20mm stone jelly, restoring the damaged portions to their original condition, providing and Erection square shape. Floor Multi floor trap.					
169	Supply, erection, testing and commissioning of CPVC valve of the following sizes including nipple etc complete in all respects of following sizes.					
	20 mm dia	Item215	1.00	No		
170	40 mm dia	Item216	1.00	No		
171	Providing and applying heavy-duty, abrasion-resistant, industrial-grade epoxy floor coating system of minimum 3-coat application over prepared screed surface in service areas, capable of withstanding mechanical stress, equipment movement, occasional spills, and cleaning.	Item217	180	sqmt		
172	Supply and installation of factory-manufactured, anti-slip, fire-retardant, stain-resistant vinyl flooring of approved design, texture, and shade, including all necessary adhesives, edge trims, subfloor preparation, and workmanship.	Item218	550	sqmt		
173	Provide & applying of Cement plastering (thickness as per site conditions) on existing exposed brick walls using cement mortar 1:4 (1 part cement: 4 parts fine sand), including surface preparation, cleaning of the existing brick surface, raking of joints to a depth of 10–15 mm, washing and wetting of the surface before plastering, applying cement slurry/bonding agent if required for better adhesion, curing, and finishing the surface smooth.	Item 219	105.00	Sq.m		
174	Supply, Providing, Testing and Installation of Sink garbo drain with pump of 120 l/min Pumping capacity of 7 m head of vertical or 70 m horizontally, discharge pipe of 32 mm exit, 4 nos of 40 mm inlets, Inbuilt storage tank and dual pumps, working stand standby, automatic level switch and sensor for lifting the waste water, water temperature of 75 degree C, motor KW-400W, Motors should be IP44, Electrical class - I, Power 240v, 50 Hz, Single Phase,	Item 220	1.00	Nos		

	Sanispeed of SFA Brand with alarm unit of Sanialarm with complete accessories etc.					
175	INTERNAL DRAINAGE SOIL AND WASTE PIPES, INTERNAL - Supplying and laying P.V.C Pipes of 6kg class of IS:4985 - 2000 and P.V.C. Pipe specials of cutting to required length, Erection pipe specials along with P.V.C. Pipe, Making ring seal couplers to join the pipe and pipe specials. 40mm dia, using internal and external including excavation and complete all. with necessary wall clamps with required slope. Internal -40 mm dia pipe -6 kg/cm2	Item 221	42.00	Rmts		
176	INTERNAL DRAINAGE SOIL AND WASTE PIPES, INTERNAL: Supplying and laying P.V.C Pipes of 6kg class of IS:4985 - 2000 and P.V.C. Pipe specials of cutting to required length, Erection pipe specials along with P.V.C. Pipe, making ring seal couplers to join the pipe and pipe specials. 50mm dia, internal and external including excavation and complete all. with necessary wall clamps. - Make - Astral-Internal & External Make : Astral / Ashirvad	Item 222	24.00	rmts		
177	Supplying & laying of hand MIX CONCRETE M20 grade up to 80mm thick from the high level of floor plate.	Item 223	0.85	sqmt		
178	Floor breaking and removing of the existing pipe as per site condition karting away from the building	Item 224	0.85	sqmt		
179	Providing and fixing in position Stainless Steel (Grade 304) nahani trap (jally with frame for gully) with 100 mm in dia of approved make with Grating as per the directions of EIC/Architect. - For AHU drain location as per layout	Item 225	2.00	Nos		
180	Connecting the existing floor trap with necessary floor chipping and leveling of the same as per site requirement complete etc.	item 226	1.00	Lot		
181	INTERNAL WATER SUPPLY : Supply and installation testing and commissioning of pipe CPCV SDR-11 as per IS 15778 including fittings, supports, clamping ,flow indication colour band ,pipe name marking etc complete in all respects. Including wall chasing and finishing the wall in good					

	condition as per original complete all Make : Astral / Ashirvad					
	20 mm dia	item 227	60.00	rmts		
182	Supply, erection, testing and commissioning of CPVC valve of the following sizes including nipple etc complete in all respects of following sizes.					
	20 mm dia	item 228	1.00	Nos		

List of Recommended Make for the BOQ items: Office area & conference rooms.		
S.N o.	Description	Recommended Makes
MEP ITEMS		
1	Acoustic Wall Panels and Ceiling Panels	Ecotone/Armstrong/Acoustic India
2	Acoustic Door	Ecotone/Armstrong/Acoustic India
3	Grills / Diffusers/Dampers	Carrier / Dynacraft / Cosmos/Dynamic / Konark / N Air / COSMIC or Higher Quality make
4	Antistatic Flooring	Sigma, Wonderfloor/Armstrong/ CIR Q Tech Tako
5	Cleanroom Lights	Wipro/ Philips / Arraystrom
6	Dedicated Earthing	Erico Cubond
7	AHU	Zeco/Flakt wood/System Air/VTS/ CVR Tech
8	Motors for AHU	Crompton Greaves/ ABB/ Siemens/ Schneider
9	Starter	Siemens/ABB/L&T/Schneider
10	Fire Dampers/Dampers	Air Master/Caryaire/Ajanta/System Air/Cosmos/Aura Air / COSMIC
11	Centrifugal Fan	Nicotra / Kruger / Comefri
12	Strip Heaters	Dasspass / Escorts/ KEPL / Higher Quality make
13	Chillers	Daikin/ Trane / York
14	Pump	Grundfos /Armstrong/WILO
15	Motorised Actuator	Siemens/ Regin
16	Ducting	Zeco/ Rolastar/ COMSIC / Shree Venus
17	Fabric Duct	Euro Air/Ductsox
18	Insulation	Armaflex/K-Flex
19	Chilled Water Valves	Aira/Audco/L&T
20	Chilled water Pipelines	Rensa/Jindal

21	Controls / Measurement Instrument	Baumer/Dwyer / Waaree /H-Guru/
22	Electrical Panels /HVAC DB/ LP DB/UPS DB	Thittanix/ Electro Controls / Aerostar/ CBRI APPROVED
23	Gas Lines	Auto Changeover Panels: Swagelok/Rotarex/Parker/Tescom
24	Gas Tubes	Valex/Dockweiler
25	Valves, Regulator, Fittings	Swagelok, Rotarex, Parker, Tescom
26	Gauges	Wika/Brooks
27	Security camera	Bosch/Equivision/CP Plus
28	Fire Panels	Ravel/Bosch / Edwards
29	Cables and wires	Polycab/Anchor/ RR/ Powerflex
30	Switches/Sockets/MCB/MCCB	ABB /Legrand/Schneider
31	BMS System Controller/Router:	Siemens /Regin/Sauter/ Honeywell
32	VFD	Danfoss/ABB/ L&T
33	HEPA FILTERS	Chennai filters /SMRIDHI / Aerosol /AAF / Thermodyne / Spectrum
34	MS Pipes	Jindal / Tata / Sail
35	Ball Valve	ITAP / Leader / Kitz / Zolota
36	Flow Control Valves (PICBV-Diaphragm type)	Danfoss / Flowcon
37	2-Way Modulating & On / Off Valves	Danfoss / Johnson Controls / Honeywell / Siemens
38	Balancing Valves	Danfoss / Oventrop / Advance
39	BTU Meter	Landis+Gyr / Kamsturb
40	Pipe Insulation - Premoulded PUF	Lloyd / Malanpur / Shree Venus
41	Duct Insulation – Acoustic & Thermal	Armaflex / K-Flex / Aeroflex
42	Insulated Flexible Ducting	Atco / Cosmic / Venus
43	Pipe supports	Hitech supports / Hilti / Kanwal Industries / Diamond
44	Vibration Isolator / Flexible Bellow	Kanwal Industries / Resistoflex / Cori
45	MS / GI Conduit	Bharat / Gupta / Vimco / AKG / Supreme
46	Cable tray	Profab / Techno Fab / Pearl Enterprises
47	LT CABLE GLANDS & LUGS	Stokes, Comet, Prabhat, SMI, Lotus, Dowells
48	CABLE TRAYS LADDER, PERFORATED	Niedax/ profab/ Aerostar
49	UPS, Inverter	Schneider (APC)/ Fuji electric / Numeric/ Socomac
50	FLOOR RACEWAYS, JUNCTION BOXES, HEAVY DUTY FLOOR BOXES	OBO/ Legrand/ Frasertechno/ Honeywell (MK)
51	Fire extinguishers	Safex, kanex, Ceasefire
52	Speakers	Philips , Bosch
53	Access Controllers and devices	Matrix, Smart I (SIS), Essl

CIVIL WORKS		
54	Water Proofing	Fosroc
55	Compound	India Gypsum (Saint Gobain)
56	Antitermite	Bayar
FLOORING MATERIALS		
57	Vitrified Tiles	Kajaria / Nitco / Somany
58	Ceramic Tiles	Kajaria / Nitco / Somany
59	Grouting	Laticrete / Pidlite
60	Carpet Tiles	Interface/ Standard Carpet / Toli / Modulyss
61	Raised Floor	Unitile
62	Self Levelling	MYK
63	Luxury Vinyl Tiles	Standard Carpet / Merino / Armstrong
CEILING MATERIALS		
64	Gypsum False Ceiling	Gyproc
65	Soundscapes	Armstrong
66	Hard wood Baffle	LD2 / Fame Line
67	Polish	Asian / Dulux
68	Grid Ceiling	USG
69	Acoustic Ceiling	Armstrong
70	Aluminium Baffle Ceiling	Durlum / Armstrong
71	Metal Ceiling	Armstrong
72	Perforated Ceiling	Gyproc
PARTITION AND DOOR MATERIALS		
73	Gypsum Board	Saint Gobain / USG
74	Fire Rated Gypsum Board	Saint Gobain / USG
75	Channels & Accessories	IGL / USG
76	Compound	Saint Gobain
77	Glass wool	UP Twiga (48kg, High Density)
78	Aluminium frame	Walline / Bottom Line
79	Glass Partition	Walline / Bottom Line / Saint Gobain
80	Wooden Fire rated Door	Sakthi Homan / MPP
81	Flushed Doors Hardware	Ozone / Geze
82	Toilet Cubicals	Merino / Greenlam
83	Hardware's (Channels, Hinges, Locks, etc)	Hettich / Ozone
WALL FINISHES & BLINDS		
84	Acoustic Paneling	Art & Design
85	Laminated / Wooden acoustic slates 12mm thick	Armstrong
86	Wooden wall cladding	Ventura
87	Acrylic Sheet	3M

Tender No: STF/PT/001/2025

88	Wallpaper Fabric Base	Asian Paints / D Decor
89	Frosted Film	3M
90	Lacquered Glass	Saint Gobain
91	Aluminum Skirting	Wallline / Bottom Line
92	Blinds	MAC / Vista
93	POP	Gyproc / Sakarni
94	Paint	Asian / Berger / Dulux
95	Aluminium Transition / Corner Profile	Wallline / Bottom Line

Note: The bidder's proposed specifications must meet or exceed those outlined in the BOQ and are subject to committee approval. IITM SAMGNYA reserves the right to exclude any make or brand based on professional experience and expert advice, with the final decision solely at the discretion of IITM SAMGNYA

I/We the bidder confirm that all the items as per Technical Specifications in the tender will be supplied with the approved make.

Place:

Date:

Signature of the Tenderer
Name & Address of the
Tenderer with Office Stamp

FINANCIAL BID (PROFORMA) - BILL OF QUANTITIES (BOQ)

Item Name: INTERIOR WORK COMPRISING OF CIVIL, ELECTRICAL, & PLUMBING WORKS FOR THE OFFICE SPACE AT IITM RESEARCH PARK, BLOCK D, FIRST FLOOR. - D103"

It. No	Description of work	Quantity	Units	Basic Rate in INR	GST in Percentage	Total Amount with taxes in INR
1.	CIVIL WORK					
2.	ELECTRICAL WORK					
3.	NETWORKING, TELEPHONE CONDUITS					
4.	FIRE FIGHTING AND FIRE ALARM SYSTEM					
5.	HVAC WORK					
	Grand Total					

Total Amount Rupees in words _____

Note:-

1. Determination of L-1 will be done based on total price of all the items/requirements as mentioned above. GST to be indicated and will be based on the rates notified by the government.
2. Price bid as per this format to be uploaded in the financial document column in the GeM portal along with the detailed quote of the bidder organization if any.
3. Technical Bid Should NOT Contain Price Bid/Financial Bid details (or) Indication. If the price Details are indicated, mentioned inside the Technical bid, then bid will be disqualified and neither the Technical Bid nor the Price Bid/Financial Bid will be considered.

I/We the bidder accept all the terms and conditions as per tender including all technical & commercial conditions.

Place:

Date:

Signature of the Tenderer
Name & Address of the
Tenderer with Office Stamp

OEM CERTIFICATION FORM
(In Original Letter Head of OEM)

Tender No: Dated:

We are Original Equipment Manufacturers (OEM) of..... (Name of the company)
Ms..... (Name of the vendor) is one of our
Distributors/Dealers/Resellers/Partners (tick one) for the and is
participating in the above-mentioned tender by offering our product
model.....(Name of the product with model number).

..... is authorized to bid, sell and provide service support warranty
for our product
as mentioned above.

Name and Signature of the
Authorized signatory of OEM
along with
seal of the company with Date

NON-BLACKLISTING DECLARATION

Date: XXXX

Subject: Non-Blacklisting declaration in connection with tender RFF No: XXXXXX for procurement of "XXXXXXXXXXXXXXXXXXXXXXXXXXXX"

This is to notify you that our Firm/Company/Organization *<provide Name of the Firm/Company/Organization>* intends to submit a proposal in response to the invitation for procurement of "XXXXXXXXXXXXXXXXXXXXXXXXXXXX" In accordance with the above we declare that:

- a. We are not involved in any major litigation that may have an impact of affecting or compromising the delivery of services as required under this assignment.
- b. We are not blacklisted by any Central/ State Government/ agency of Central/ State Government of India or any other country in the world/ Public Sector Undertaking/ any Regulatory Authorities in India or any other country in the world for any kind of fraudulent activities in last 3 years.

Place:
Date:

Signature of the Tenderer
Name & Address of the
Tenderer with Office Stamp

TENDER CHECKLIST – Mandatory to be filled in and upload in the portal along with specification Document.

- | | |
|---|--------------------------|
| (1) Completed and Signed Form of Tender . The Form of Tender document shall be signed by a person legally authorized. | ☐ |
| (2) Completed Technical Compliance Statement. | ☐ |
| (3) Evidence of similar contracts completed/Product supplied. | ☐ |
| (4) Certification of Class I / Class II Local supplier to be submitted (as a Part of technical bid) per item / service / work as per Annexure I | ☐ |
| (5) Authorized agent certificate from OEM is mandatory if Indian agent/Indian office of OEM is participating in this tender on behalf of OEM. (Ref. tender document pg.no. 2, Point no.2) (Annexure IV) | ☐ |
| (6) EMD Submitted | ☐ |
| (7) Land border certification (Annexure II) | ☐ |

The above documents should be provided for a contractor's bid to be valid. Bidders are asked to supply and tick off the required information. Failure to provide any of the stated documents may result in the bid being considered non-compliant and rejected.

Signature of the Bidder



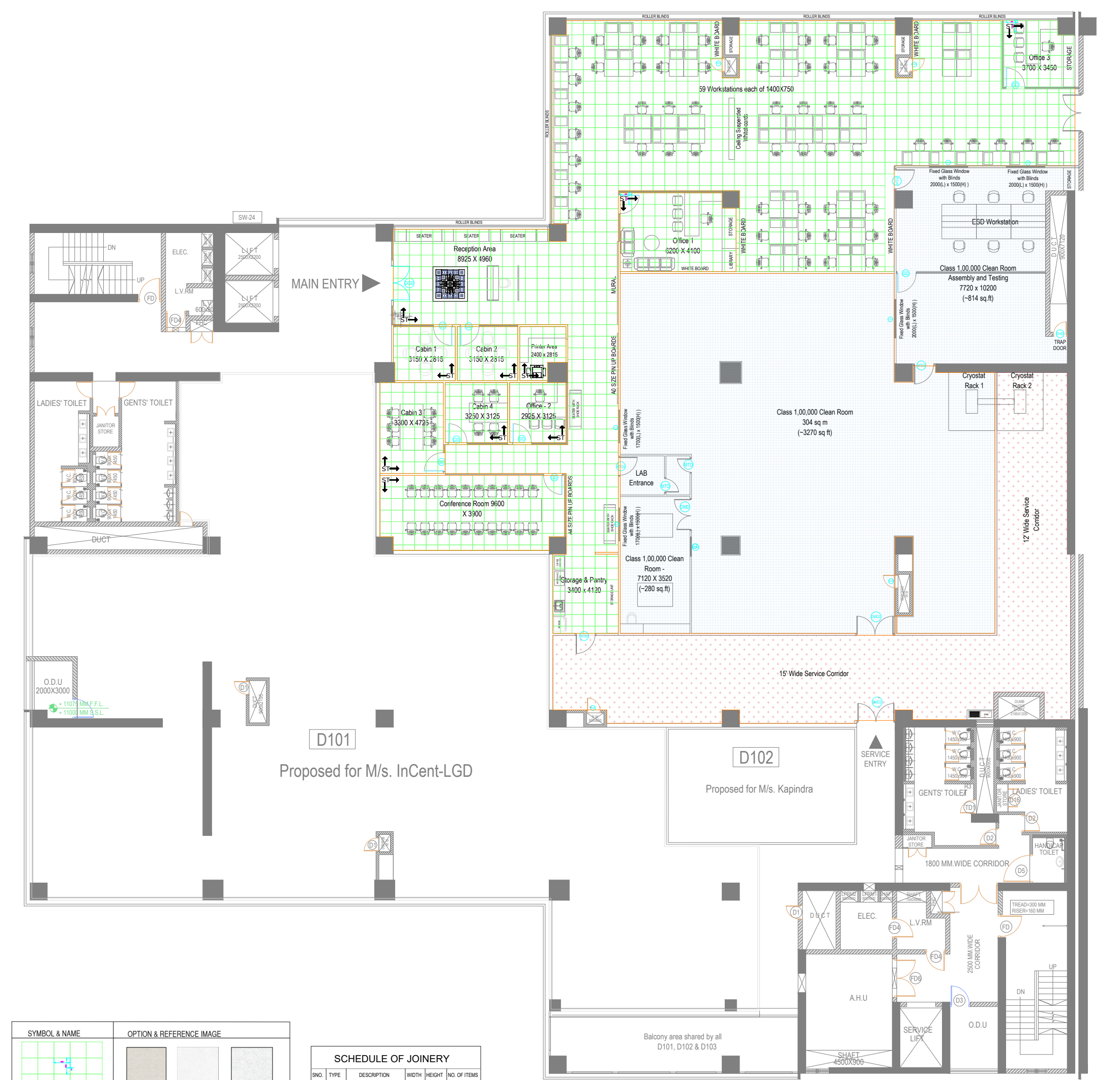
SCHEDULE OF JOINERY				
SNO.	TYPE	DESCRIPTION	WIDTH	HEIGHT
1	DGD	DOUBLE GLASS DOOR	1800	2400
2	GD	GLASS DOOR	1000	2400
3	MTD	METAL DOOR	800	2400
4	MTD2	METAL DOOR	1100	2400
5	DMD	DOUBLE METAL DOOR	1675	2400
6	DMD2	DOUBLE METAL DOOR	2000	2400
7	SHD	SHAFT DOOR	785	1500
8	FGW	FIXED GLASS WINDOW	2000	1500
9	FGW1	FIXED GLASS WINDOW	1700	1500
10	FGW2	FIXED GLASS WINDOW	1000	1500

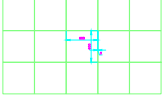
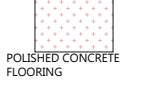
LEGENDS	
SYMBOL	DESCRIPTION
	100 mm THK GYPSUM WALL
	80/100 mm THK METAL WALL
	12mm THK GLASS WALL ENDS AT 2430MM (8FT), PROCEEDING WITH GYPSUM PARTITION WALL

SL NO.	REVISIONS	DATE	CLIENT	DRAWING TITLE				
04	R4	27 Sept 2024		IITM	OFFICE & LAB LAYOUT WITH DIMENSIONS			
05	R5	12 Dec 2024	PROJECT COMMERCIAL		DATE	Drawing number:	Scale	
06	R6	28 Jan 2025		07th Mar ' 2025	EE-01/CQICC/GFC/ARCH/A-INT-2	1:200		
07	R7	04 Feb 2025						
08	R8	07 Mar 2025						

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SYMBOL & NAME	OPTION & REFERENCE IMAGE
 600MM X 600MM VITRIFIED TILE WITH 3 MM GRATING LINE	   Beige Tile Grey Tile Terrazzo Finish
 ESD FLOORING	
 POLISHED CONCRETE FLOORING	

SCHEDULE OF JOINERY					
SNO.	TYPE	DESCRIPTION	WIDTH	HEIGHT	NO. OF ITEMS
1	DGD	DOUBLE GLASS DOOR	1800	2400	1
2	GD	GLASS DOOR	1000	2400	9
3	MTD	METAL DOOR	800	2400	2
4	MTD2	METAL DOOR	1100	2400	4
5	DMD	DOUBLE METAL DOOR	1675	2400	1
6	DMD2	DOUBLE METAL DOOR	2000	2400	2
7	SHD	SHAFT DOOR	765	1500	5
8	FGW	FIXED GLASS WINDOW	2000	1500	3
9	FGW1	FIXED GLASS WINDOW	1700	1500	2
10	FGW2	FIXED GLASS WINDOW	1000	1500	1

SL NO.	REVISIONS	DATE	CLIENT	DRAWING TITLE				
04	R4	27 Sept 2024	IITM	OFFICE & LAB FLOORING LAYOUT				
05	R5	12 Dec 2024						
06	R6	28 Jan 2025	PROJECT	DATE	Drawing number:	Scale		
07	R7	04 Feb 2025	COMMERCIAL	07th Mar ' 2025	EE-01/CQICC/GFC/ARCH/A-INT-4	1:200		
08	R8	07 Mar 2025						

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SCHEDULE OF JOINERY					
SNO.	TYPE	DESCRIPTION	WIDTH	HEIGHT	NO. OF ITEMS
1	DGD	DOUBLE GLASS DOOR	1800	2400	1
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8	FGW	FIXED GLASS WINDOW	2000	1500	3
9	FGW1	FIXED GLASS WINDOW	1700	1500	2
10	FGW2	FIXED GLASS WINDOW	1000	1500	1

LEGENDS	
SYMBOL	DESCRIPTION
	STRECHED CEILING LIGHT
	3 LED DOWNLIGHTER ROUND
	TRACK LIGHT (SPOT LIGHT)
	CUSTOM DESIGN LIGHTING
	SURFACE LED ROUND DOWNLIGHTER
	SURFACE LED ROUND DOWNLIGHTER
	SUSPENDE SQUARE LIGHT
	20 W 4 FT LED LINEAR SUSPENDED LIGHT
	28 W 4 FT LED LINEAGE SUSPENDED LIGHT
	30 W 4 FT LED LINEAGE SUSPENDED LIGHT
LEGENDS	
SYMBOL	DESCRIPTION
	100 mm THK GYPSUM WALL
	80/100 mm THK METAL WALL
	12mm THK GLASS WALL ENDS AT 2430MM (8FT), PROCEEDING WITH GYPSUM PARTITION WALL

LEGENDS	
SYMBOL	DESCRIPTION
	AC GRILL
	FC LINE
	FC DROP LINE
	GYPSUM FALSE CEILING
	ACOUSTIC GRID PANEL FALSE CEILING

SL NO.	REVISIONS	DATE	CLIENT IITM	DRAWING TITLE				
04	R4	27 Sept 2024		OFFICE & LAB LAYOUT - RCP LAYOUT				
05	R5	12 Dec 2024						
06	R6	28 Jan 2025	PROJECT	DATE	Drawing number:	Scale		
07	R7	04 Feb 2025	COMMERCIAL	07th Mar ' 2025	EE-01/CQICC/GFC/ARCH/A-INT-3	1:200		
08	R8	07 Mar 2025						

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LEGENDS

SYMBOL	DESCRIPTION
	100 mm THK GYPSUM WALL
	80/100 mm THK METAL WALL
	12mm THK GLASS WALL ENDS AT 2430MM (8FT), PROCEEDING WITH GYPSUM PARTITION WALL

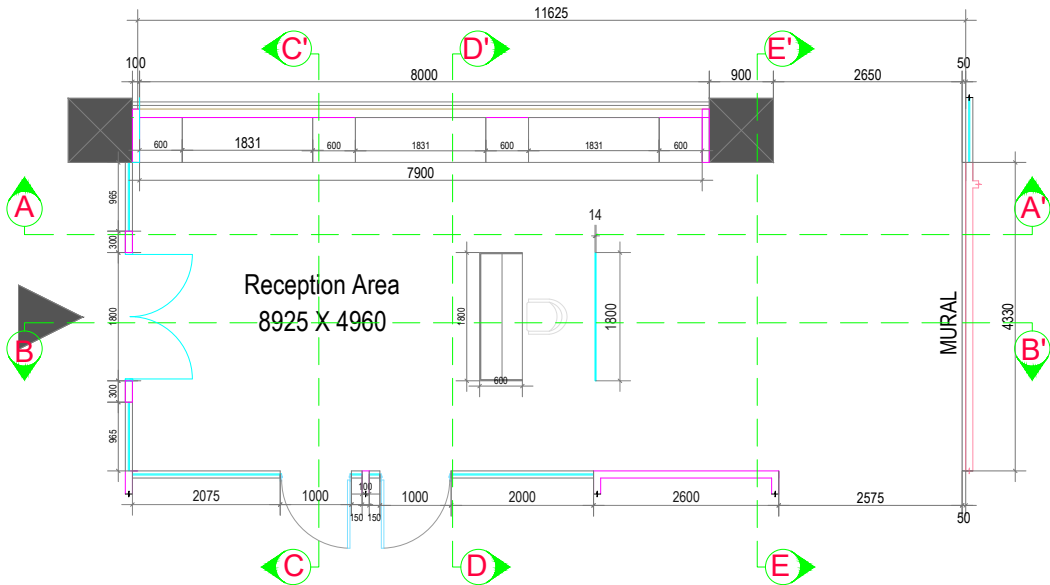
LEGENDS

SYMBOL	DESCRIPTION
	AC GRILL
	FC LINE
	STRECHED CEILING LIGHT
	FC DROP LINE
	GLASS WALL
	ACOUSTIC GRID PANEL FALSE CEILING
	ALUMINUM SKIRTING
	ACRYLIC GLASS SHEET
	GYPSUM WALL
	WOOD GRAIN TEXTURE LAMINATE
	GYPSUM FALSE CEILING

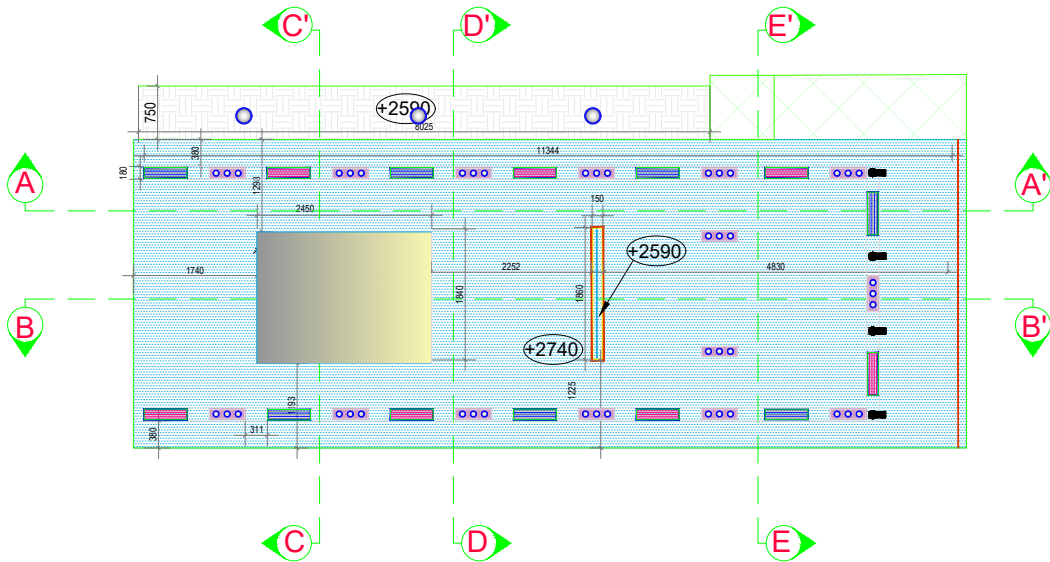
SCHEDULE OF JOINERY

SNO.	TYPE	DESCRIPTION	WIDTH	HEIGHT	NO. OF ITEMS
1	DGD	DOUBLE GLASS DOOR	1800	2400	1
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7	SHD	SHAFT DOOR	765	1500	5
8	FGW	FIXED GLASS WINDOW	2000	1500	3
9	FGW1	FIXED GLASS WINDOW	1700	1500	2
10	FGW2	FIXED GLASS WINDOW	1000	1500	1

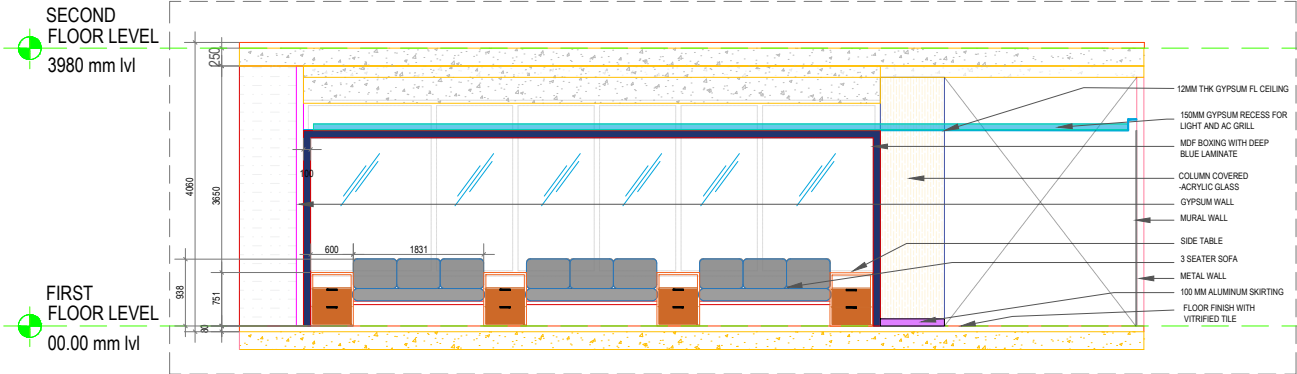
SYMBOL & NAME	OPTION & REFERENCE IMAGE



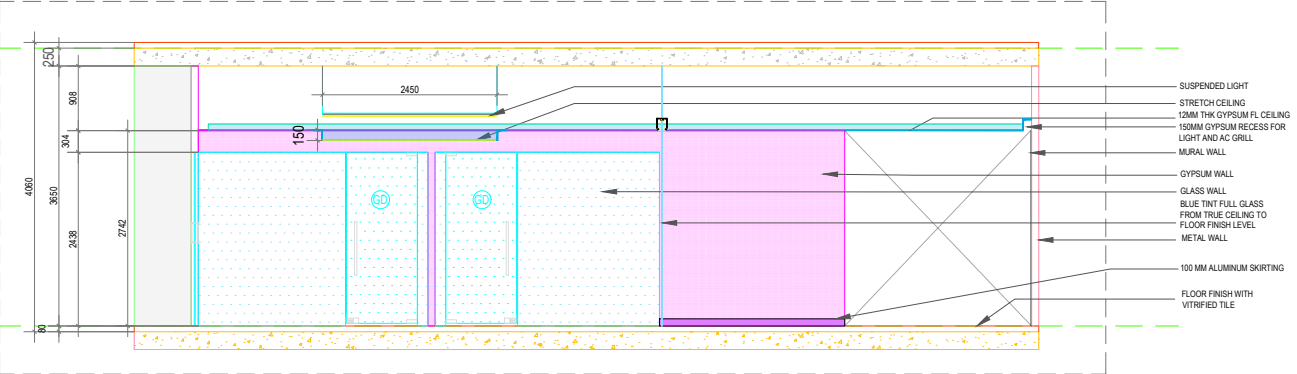
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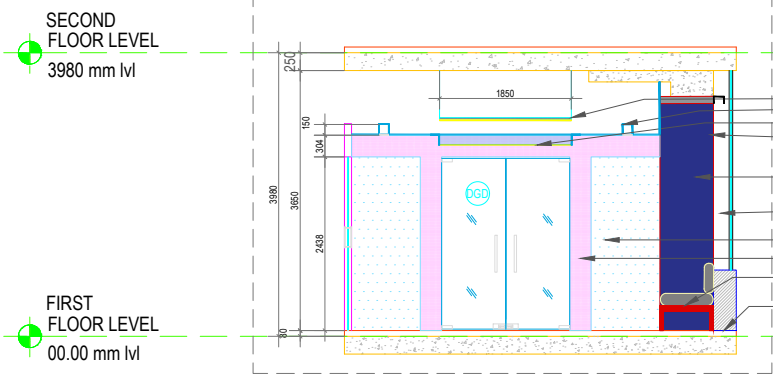
RCP LAYOUT



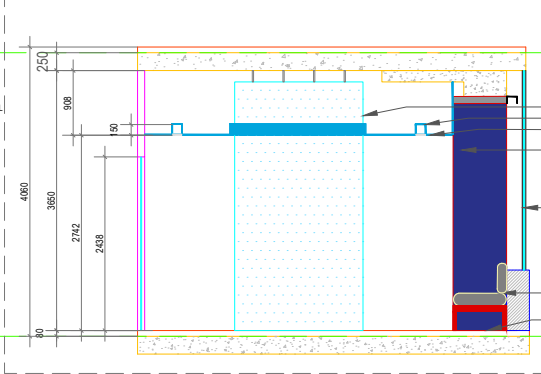
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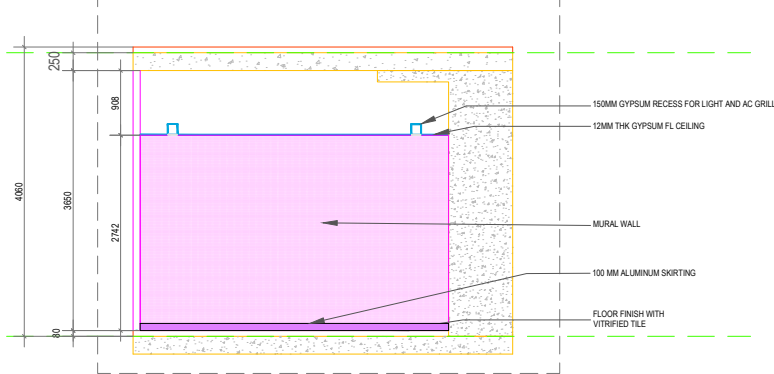
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Section CC'

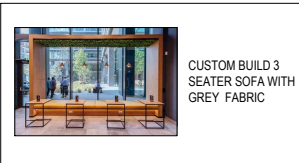
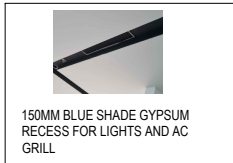


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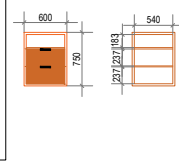


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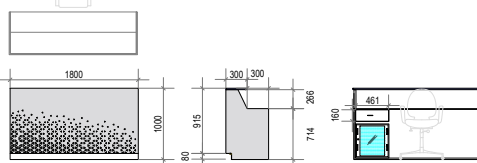
REFERENCE IMAGES



Coffee & book drawer



Reception table elevation detail



SL NO.	REVISIONS	DATE	CLIENT
			IITM
			PROJECT
			COMMERCIAL

DRAWING TITLE

OFFICE & LAB - RECEPTION LOBBY DETAILS

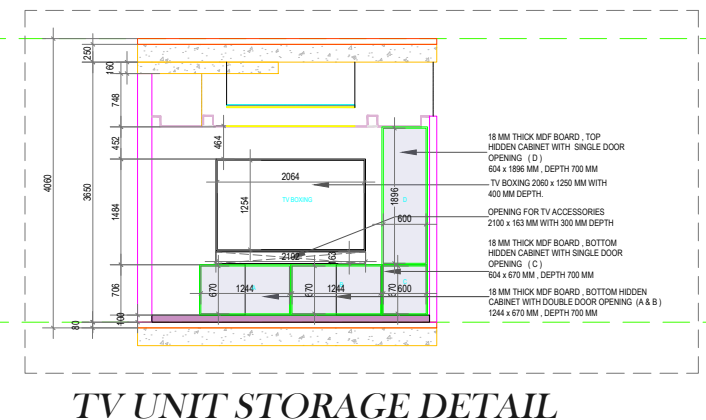
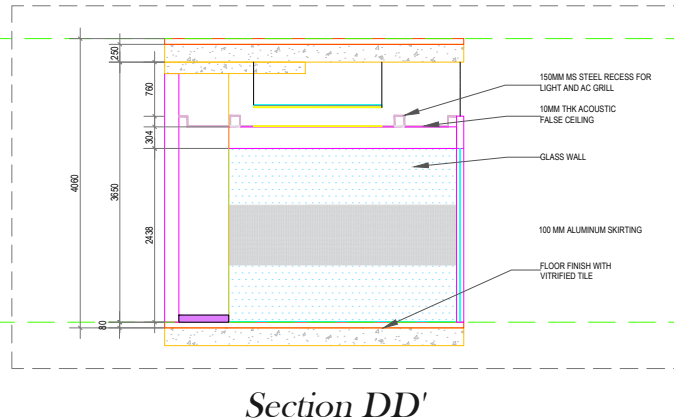
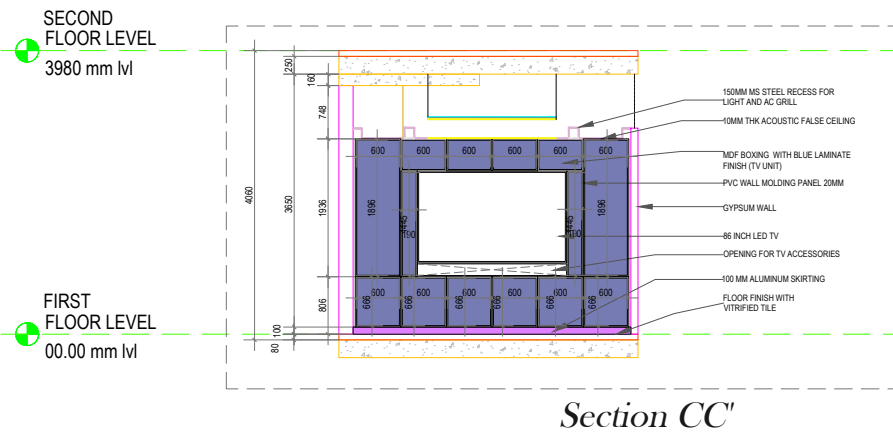
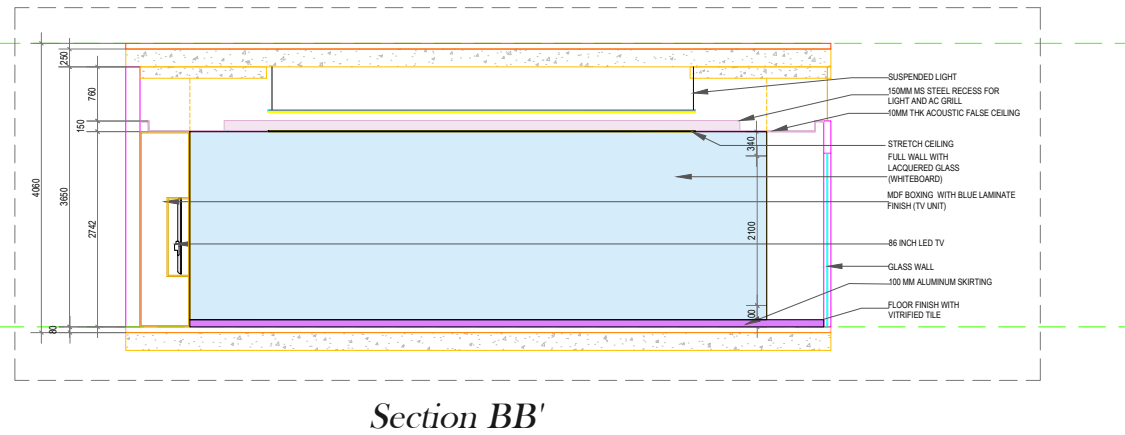
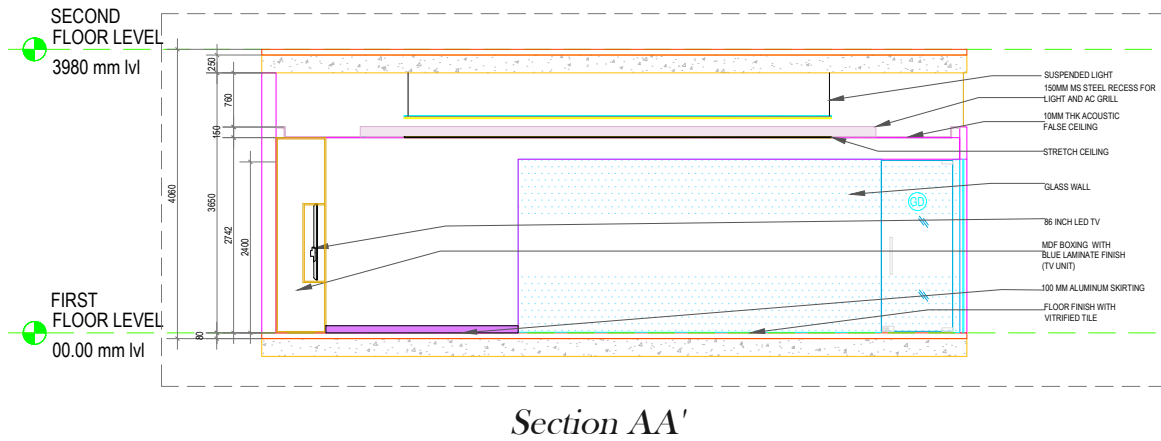
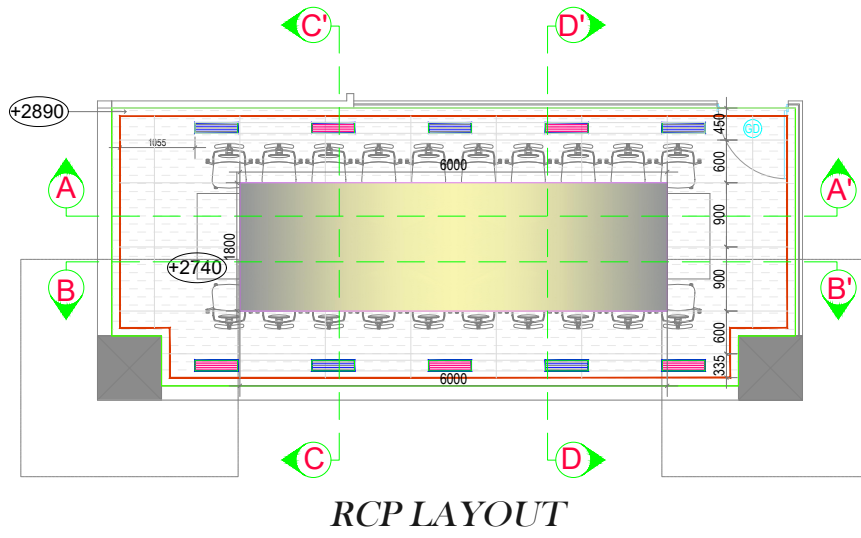
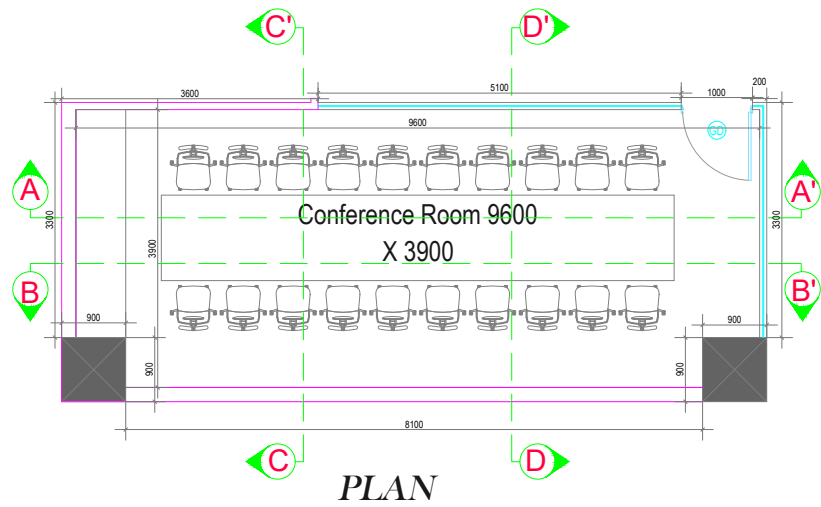
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EE-01/CQICC/GFC/ARCH/A-INT-5

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07th Mar ' 2025

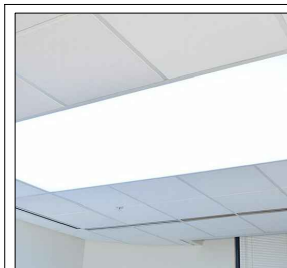




REFERENCE IMAGES



MDF BOXING
WITH BLUE
LAMINATE FINISH
(TV UNIT) WITH 20
MM THK PVC
WALL MOLDING



10 MM THK
ACQUSTIC FALSE
CEILING WITH
STRETCH CEILING



FULL WALL WITH
LACQUERED
GLASS
(WHITEBOARD)

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LEGENDS

SYMBOL	DESCRIPTION
	100 mm THK GYPSUM WALL
	80/100 mm THK METAL WALL
	12mm THK GLASS WALL ENDS AT 2430MM (8FT), PROCEEDING WITH GYPSUM PARTITION WALL

LEGENDS

SYMBOL	DESCRIPTION
	AC GRILL
	FC LINE
	STRECHED CEILING LIGHT
	FC DROP LINE
	GLASS WALL
	ACOUSTIC GRID PANEL FALSE CEILING
	ALUMINUM SKIRTING
	ACRYLIC GLASS SHEET
	GYPSUM WALL
	WOOD GRAIN TEXTURE LAMINATE
	GYPSUM FALSE CEILING

SCHEDULE OF JOINERY

SNO.	TYPE	DESCRIPTION	WIDTH	HEIGHT	NO. OF ITEMS
1	DGD	DOUBLE GLASS DOOR	1800	2400	1
2	GD	GLASS DOOR	1000	2400	9
3	MTD	METAL DOOR	800	2400	2
4	MTD2	METAL DOOR	1100	2400	4
5	DMD	DOUBLE METAL DOOR	1675	2400	1
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7	SHD	SHAFT DOOR	765	1500	5
8	FGW	FIXED GLASS WINDOW	2000	1500	3
9	FGW1	FIXED GLASS WINDOW	1700	1500	2
10	FGW2	FIXED GLASS WINDOW	1000	1500	1

SL NO.	REVISIONS	DATE	CLIENT
			IITM
			PROJECT
			COMMERCIAL

DRAWING TITLE

OFFICE & LAB - CONFERENCE ROOM DETAILS

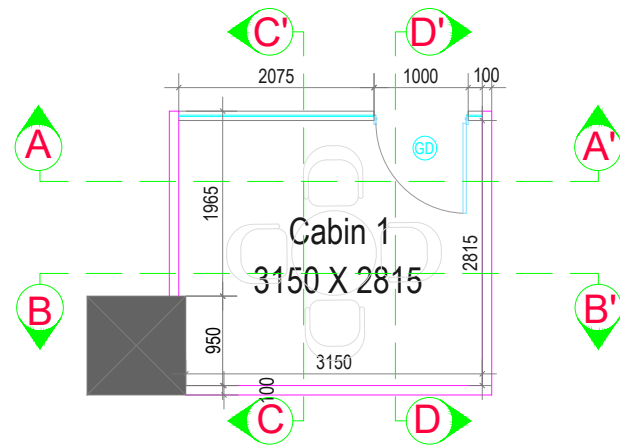
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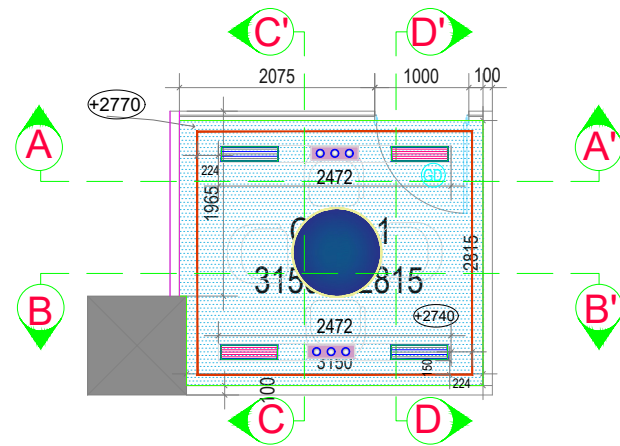
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DATE
07th Mar ' 2025

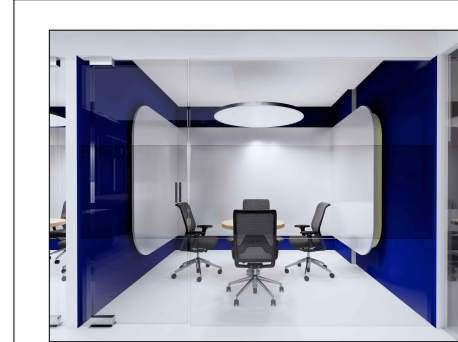




PLAN



RCP LAYOUT



REFERENCE IMAGE FOR CABIN 1 & 2 WITH DEEP BLUE PAINT FINISH WITH LACQUERED GLASS WHITE BOARDS



REFERENCE IMAGE FOR CABIN 1 & 2 SUSPENDED CIRCULAR CUT 12 MM PLYWOOD PANEL WITH STRIP LIGHTING ON EDGES

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LEGENDS

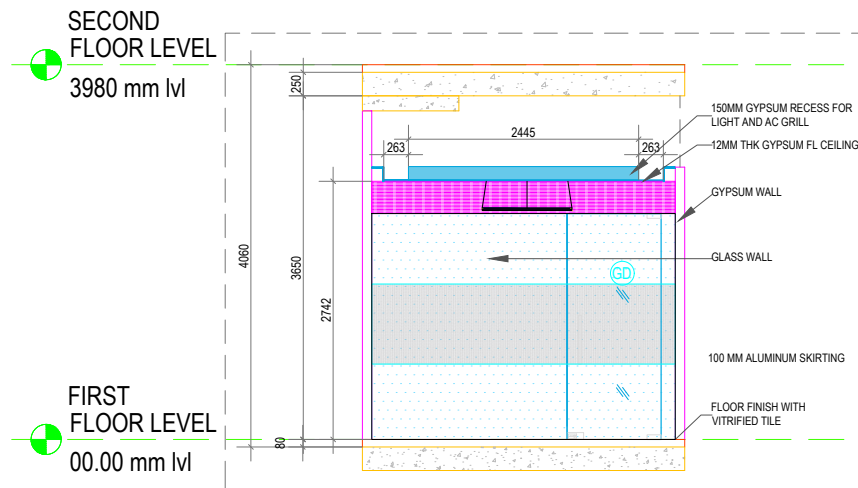
SYMBOL	DESCRIPTION
	100 mm THK GYPSUM WALL
	80/100 mm THK METAL WALL
	12mm THK GLASS WALL ENDS AT 2430MM (8FT), PROCEEDING WITH GYPSUM PARTITION WALL

LEGENDS

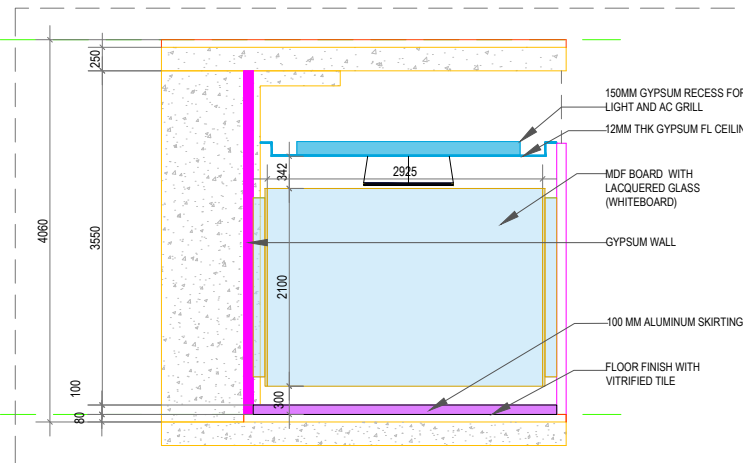
SYMBOL	DESCRIPTION
	AC GRILL
	FC LINE
	STRECHED CEILING LIGHT
	FC DROP LINE
	GLASS WALL
	ACOUSTIC GRID PANEL FALSE CEILING
	ALUMINUM SKIRTING
	ACRYLIC GLASS SHEET
	GYPSUM WALL
	WOOD GRAIN TEXTURE LAMINATE
	GYPSUM FALSE CEILING

SCHEDULE OF JOINERY

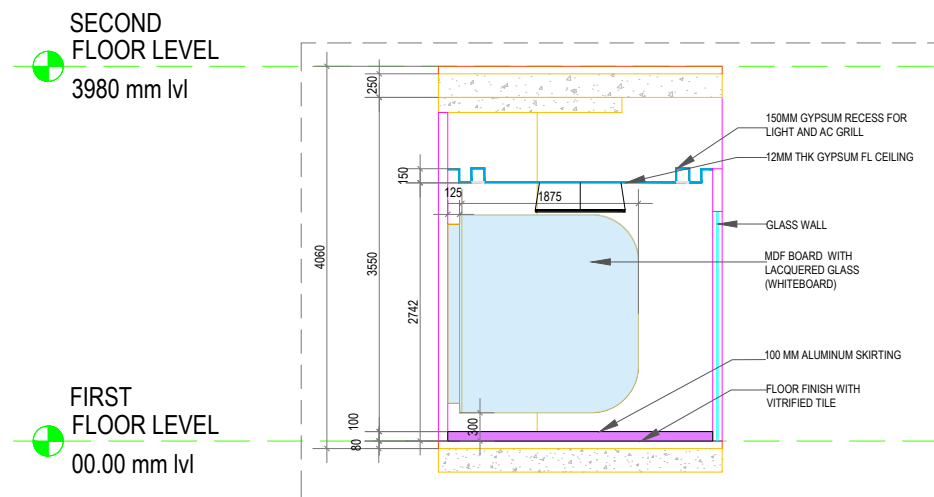
SNO.	TYPE	DESCRIPTION	WIDTH	HEIGHT	NO. OF ITEMS
1	DGD	DOUBLE GLASS DOOR	1800	2400	1
2	GD	GLASS DOOR	1000	2400	9
3	MTD	METAL DOOR	800	2400	2
4	MTD2	METAL DOOR	1100	2400	4
5	DMD	DOUBLE METAL DOOR	1675	2400	1
6	DMD2	DOUBLE METAL DOOR	2000	2400	2
7	SHD	SHAFT DOOR	765	1500	5
8	FGW	FIXED GLASS WINDOW	2000	1500	3
9	FGW1	FIXED GLASS WINDOW	1700	1500	2
10	FGW2	FIXED GLASS WINDOW	1000	1500	1



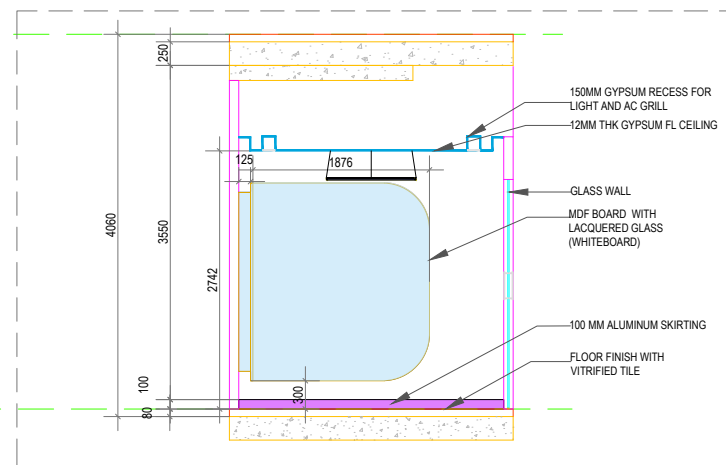
Section AA'



Section BB'



Section CC'



Section DD'

SL NO.	REVISIONS	DATE	CLIENT
			IITM
			PROJECT
			COMMERCIAL

DRAWING TITLE

OFFICE & LAB - CABIN 1 & 2

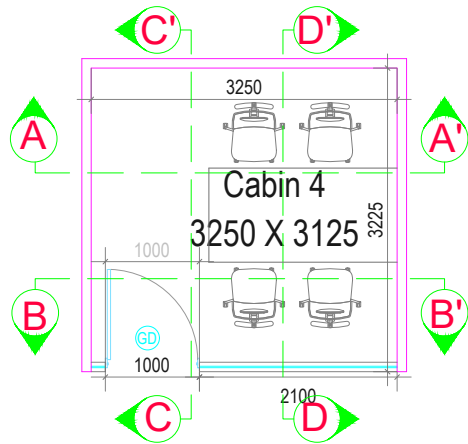
Drawing number.

EE-01/CQICC/GFC/ARCH/A-INT-7

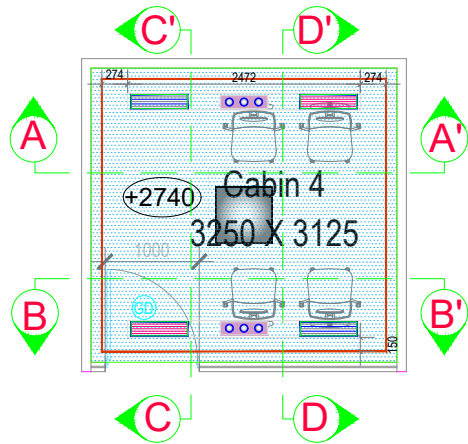
Scale
1:80

DATE
07th Mar ' 2025

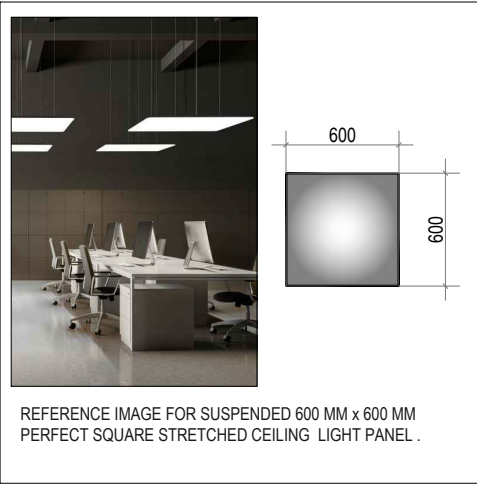




PLAN



RCP LAYOUT

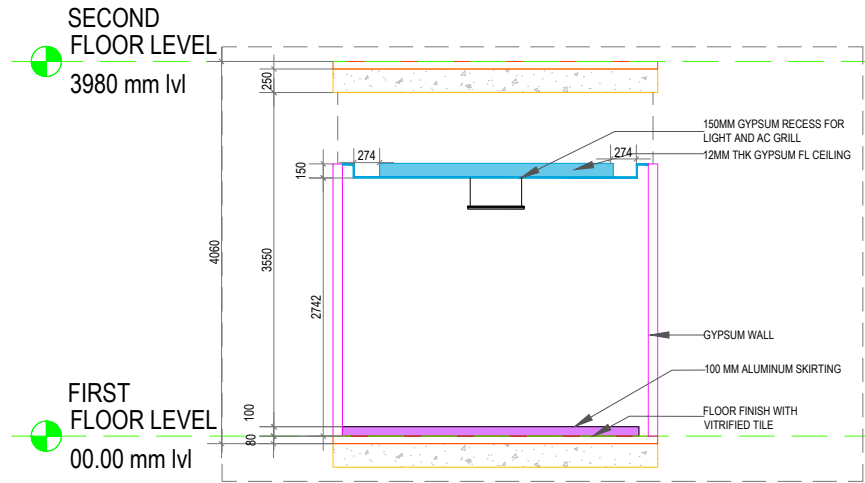


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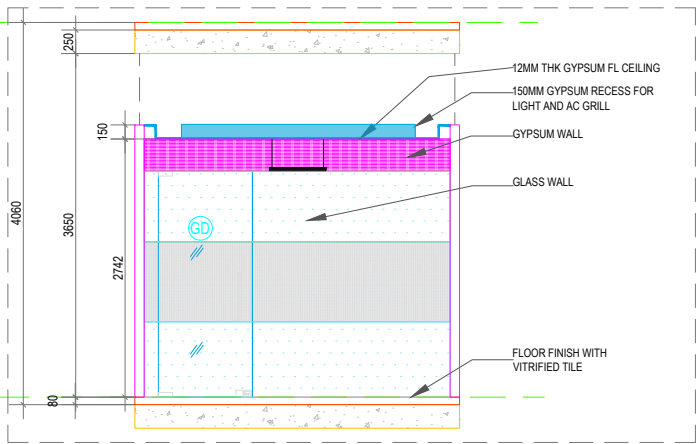
NOTE :
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SYMBOL	DESCRIPTION
	100 mm THK GYPSUM WALL
	80/100 mm THK METAL WALL
	12mm THK GLASS WALL ENDS AT 2430MM (8FT), PROCEEDING WITH GYPSUM PARTITION WALL

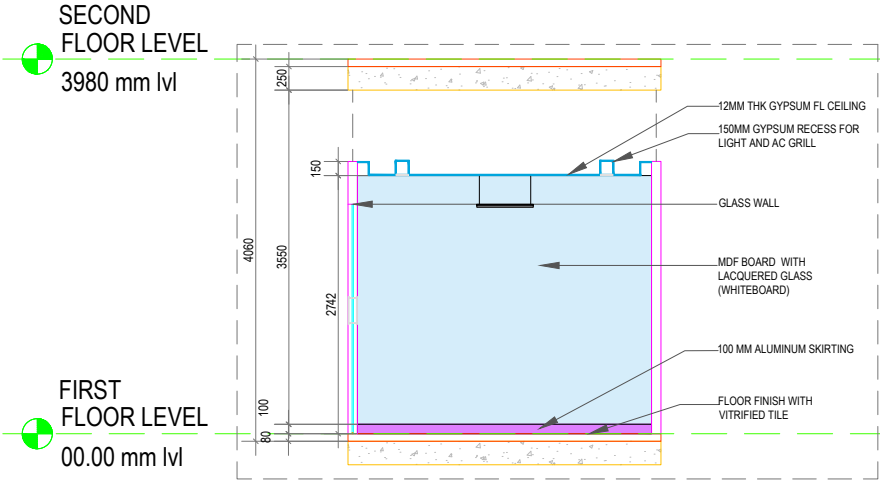
SYMBOL	DESCRIPTION
	AC GRILL
	FC LINE
	STRECHED CEILING LIGHT
	FC DROP LINE
	GLASS WALL
	ACOUSTIC GRID PANEL FALSE CEILING
	ALUMINUM SKIRTING
	ACRYLIC GLASS SHEET
	GYPSUM WALL
	WOOD GRAIN TEXTURE LAMINATE
	GYPSUM FALSE CEILING



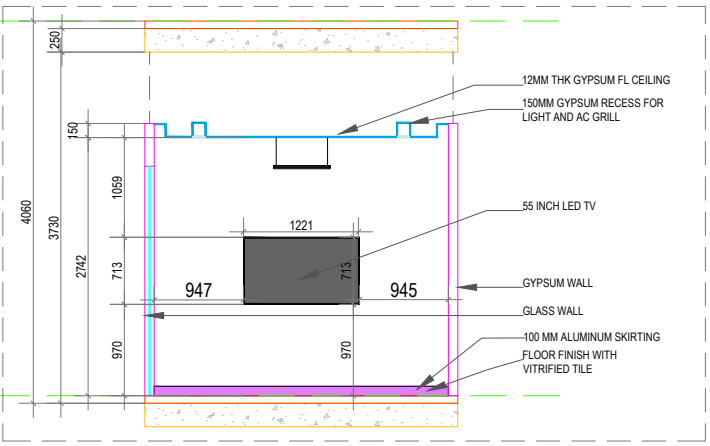
Section AA'



Section BB'



Section CC'



Section DD'

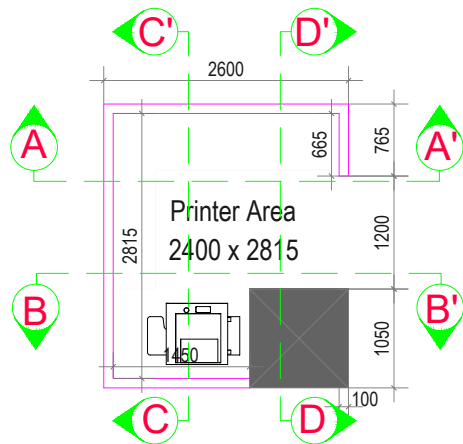
SCHEDULE OF JOINERY					
SNO.	TYPE	DESCRIPTION	WIDTH	HEIGHT	NO. OF ITEMS
1	DGD	DOUBLE GLASS DOOR	1800	2400	1
2	GD	GLASS DOOR	1000	2400	9
3	MTD	METAL DOOR	800	2400	2
4	MTD2	METAL DOOR	1100	2400	4
5	DMD	DOUBLE METAL DOOR	1675	2400	1
6	DMD2	DOUBLE METAL DOOR	2000	2400	2
7	SHD	SHAFT DOOR	765	1500	5
8	FGW	FIXED GLASS WINDOW	2000	1500	3
9	FGW1	FIXED GLASS WINDOW	1700	1500	2
10	FGW2	FIXED GLASS WINDOW	1000	1500	1

SL NO.	REVISIONS	DATE	CLIENT
			IITM
			PROJECT
			COMMERCIAL

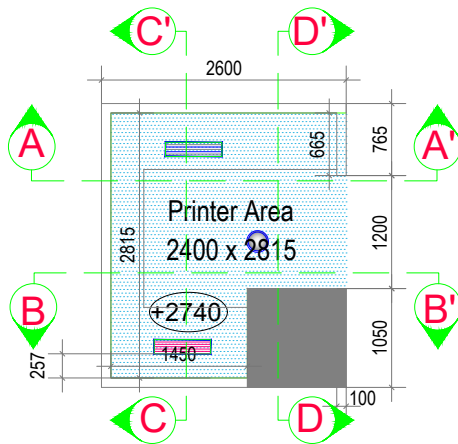
DRAWING TITLE
OFFICE & LAB - CABIN 4

Drawing number. EE-01/CQICC/GFC/ARCH/A-INT-8	
Scale 1:80	DATE 07th Mar ' 2025

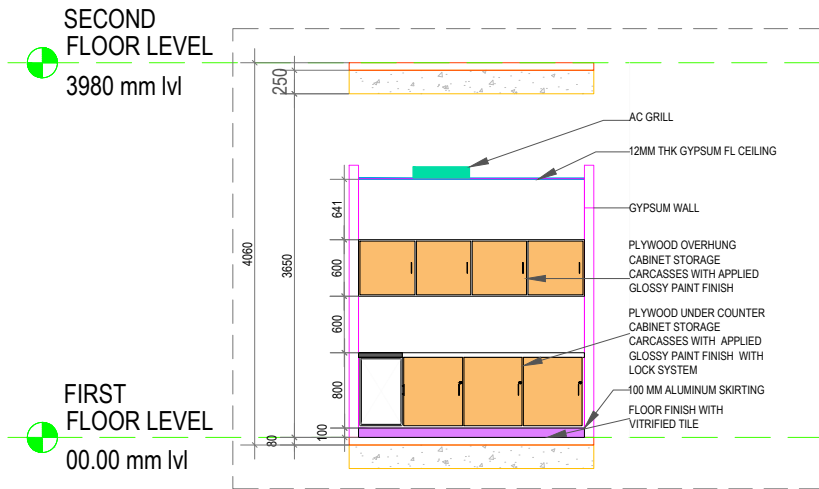




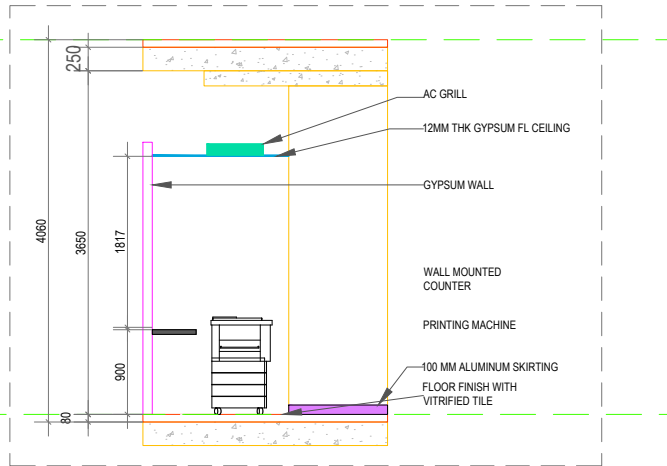
PLAN



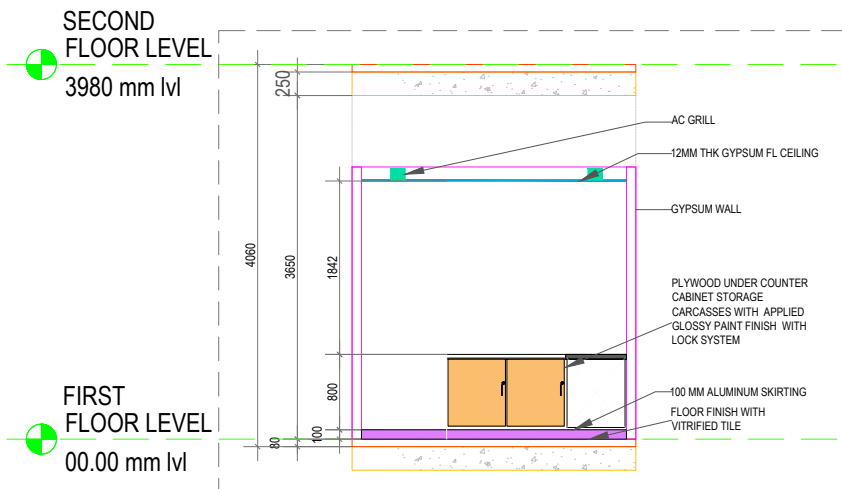
RCP LAYOUT



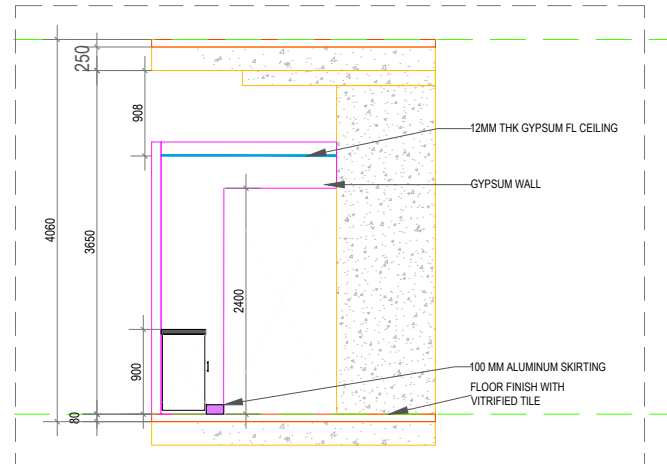
Section AA'



Section BB'



Section CC'



Section DD'

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LEGENDS

SYMBOL	DESCRIPTION
	100 mm THK GYPSUM WALL
	80/100 mm THK METAL WALL
	12mm THK GLASS WALL ENDS AT 2430MM (8FT), PROCEEDING WITH GYPSUM PARTITION WALL

LEGENDS

SYMBOL	DESCRIPTION
	AC GRILL
	FC LINE
	STRECHED CEILING LIGHT
	FC DROP LINE
	GLASS WALL
	ACOUSTIC GRID PANEL FALSE CEILING
	ALUMINUM SKIRTING
	ACRYLIC GLASS SHEET
	GYPSUM WALL
	WOOD GRAIN TEXTURE LAMINATE
	GYPSUM FALSE CEILING

SCHEDULE OF JOINERY

SNO.	TYPE	DESCRIPTION	WIDTH	HEIGHT	NO. OF ITEMS
1	DGD	DOUBLE GLASS DOOR	1800	2400	1
2	GD	GLASS DOOR	1000	2400	9
3	MTD	METAL DOOR	800	2400	2
4	MTD2	METAL DOOR	1100	2400	4
5	DMD	DOUBLE METAL DOOR	1675	2400	1
6	DMD2	DOUBLE METAL DOOR	2000	2400	2
7	SHD	SHAFT DOOR	765	1500	5
8	FGW	FIXED GLASS WINDOW	2000	1500	3
9	FGW1	FIXED GLASS WINDOW	1700	1500	2
10	FGW2	FIXED GLASS WINDOW	1000	1500	1

SL NO.	REVISIONS	DATE	CLIENT
			IITM
			PROJECT
			COMMERCIAL

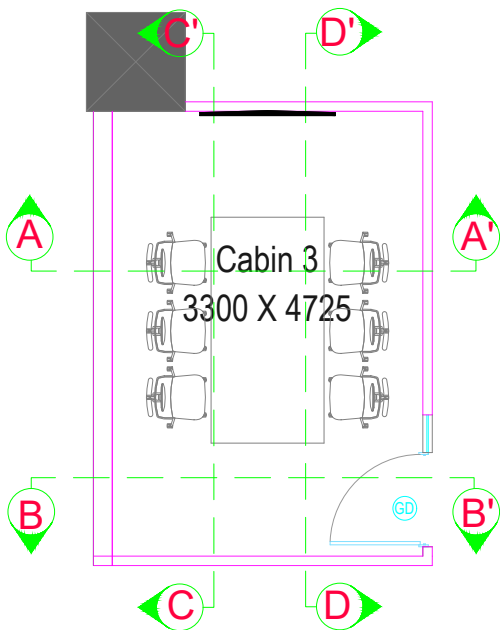
DRAWING TITLE
OFFICE & LAB - PRINTER AREA

Drawing number.
EE-01/CQICC/GFC/ARCH/A-INT-9

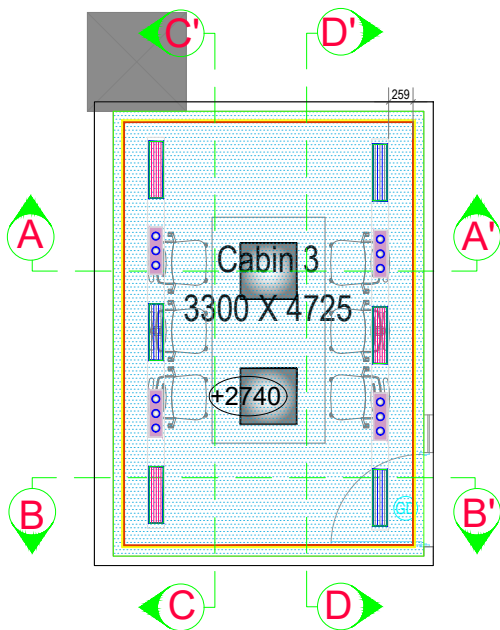
Scale
1:80

DATE
07th Mar ' 2025





PLAN



RCP LAYOUT



REFERENCE IMAGE FOR SUSPENDED 600 MM x 600 MM
PERFECT SQUARE STRETCHED CEILING LIGHT PANEL .

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LEGENDS

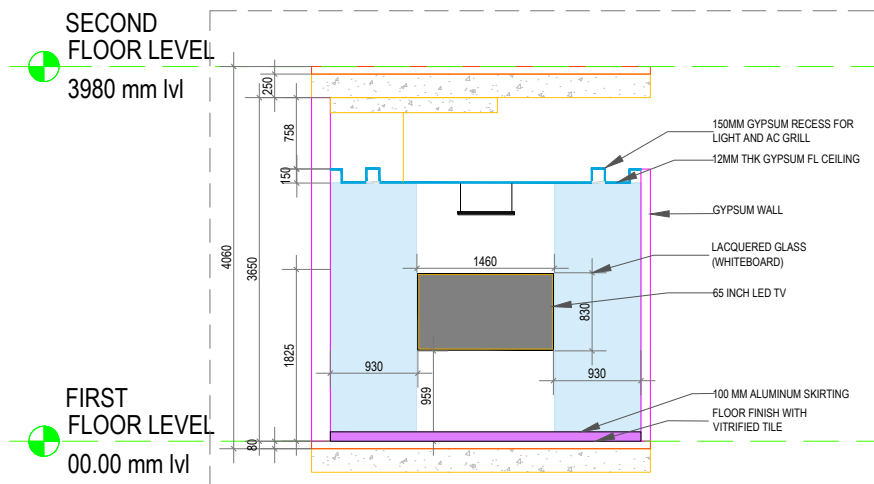
SYMBOL	DESCRIPTION
	100 mm THK GYPSUM WALL
	80/100 mm THK METAL WALL
	12mm THK GLASS WALL ENDS AT 2430MM (8FT), PROCEEDING WITH GYPSUM PARTITION WALL

LEGENDS

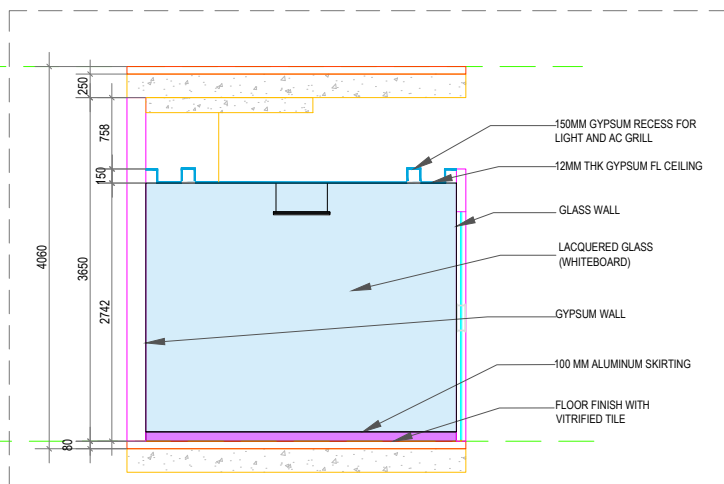
SYMBOL	DESCRIPTION
	AC GRILL
	FC LINE
	STRECHED CEILING LIGHT
	FC DROP LINE
	GLASS WALL
	ACOUSTIC GRID PANEL FALSE CEILING
	ALUMINUM SKIRTING
	ACRYLIC GLASS SHEET
	GYPSUM WALL
	WOOD GRAIN TEXTURE LAMINATE
	GYPSUM FALSE CEILING

SCHEDULE OF JOINERY

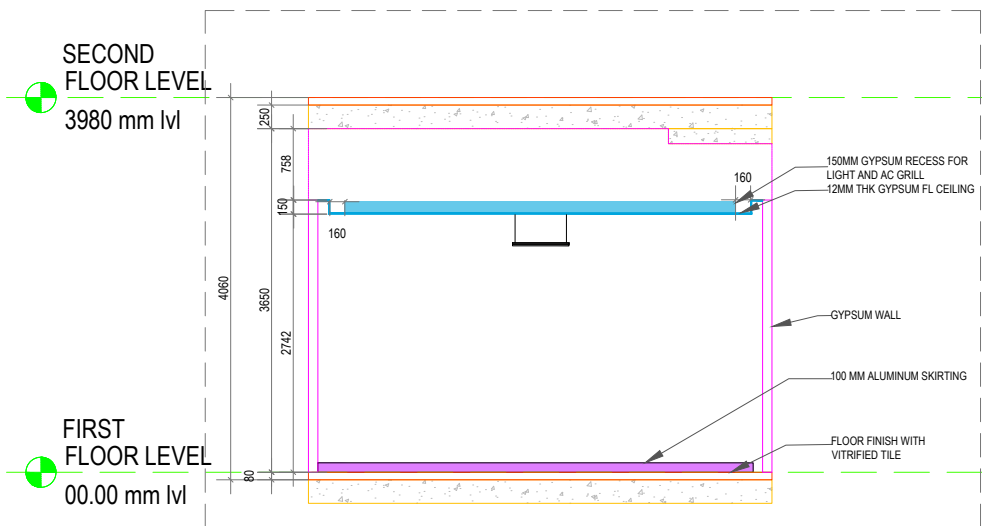
SNO.	TYPE	DESCRIPTION	WIDTH	HEIGHT	NO. OF ITEMS
1	DGD	DOUBLE GLASS DOOR	1800	2400	1
2	GD	GLASS DOOR	1000	2400	9
3	MTD	METAL DOOR	800	2400	2
4	MTD2	METAL DOOR	1100	2400	4
5	DMD	DOUBLE METAL DOOR	1675	2400	1
6	DMD2	DOUBLE METAL DOOR	2000	2400	2
7	SHD	SHAFT DOOR	765	1500	5
8	FGW	FIXED GLASS WINDOW	2000	1500	3
9	FGW1	FIXED GLASS WINDOW	1700	1500	2
10	FGW2	FIXED GLASS WINDOW	1000	1500	1



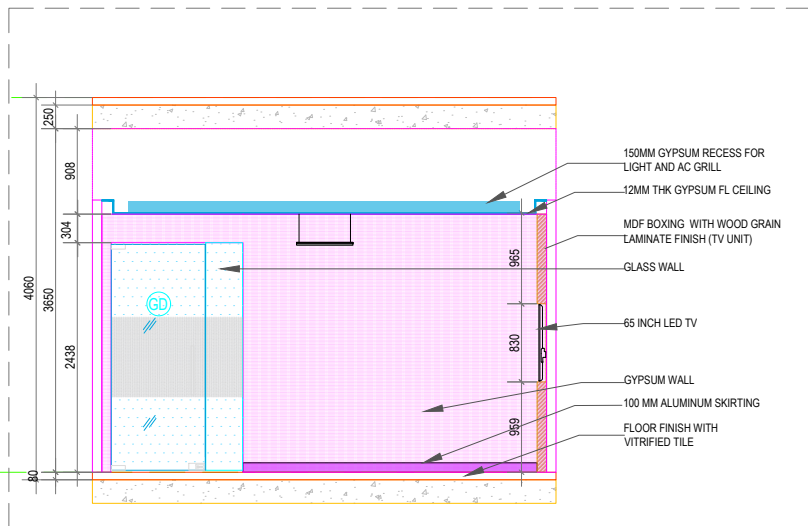
Section AA'



Section BB'



Section CC'



Section DD'

SL NO.	REVISIONS	DATE	CLIENT
			IITM
			PROJECT
			COMMERCIAL

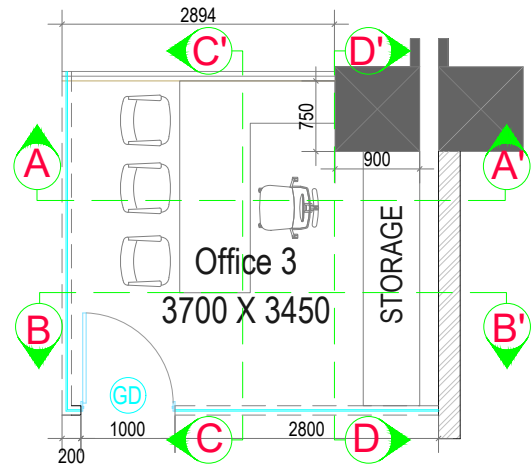
DRAWING TITLE
OFFICE & LAB - CABIN 3

Drawing number.
EE-01/CQICC/GFC/ARCH/A-INT-10

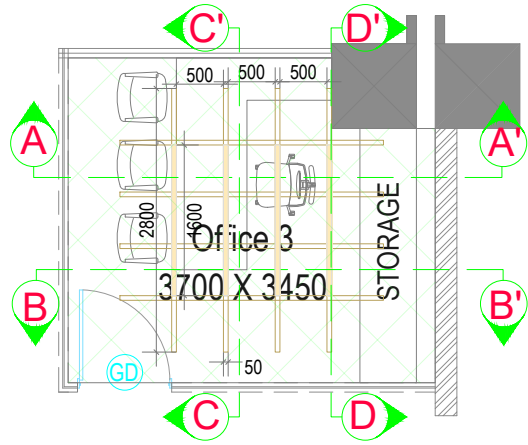
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DATE
07th Mar ' 2025

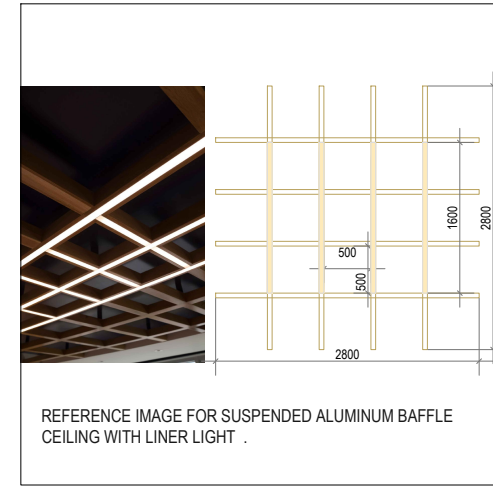




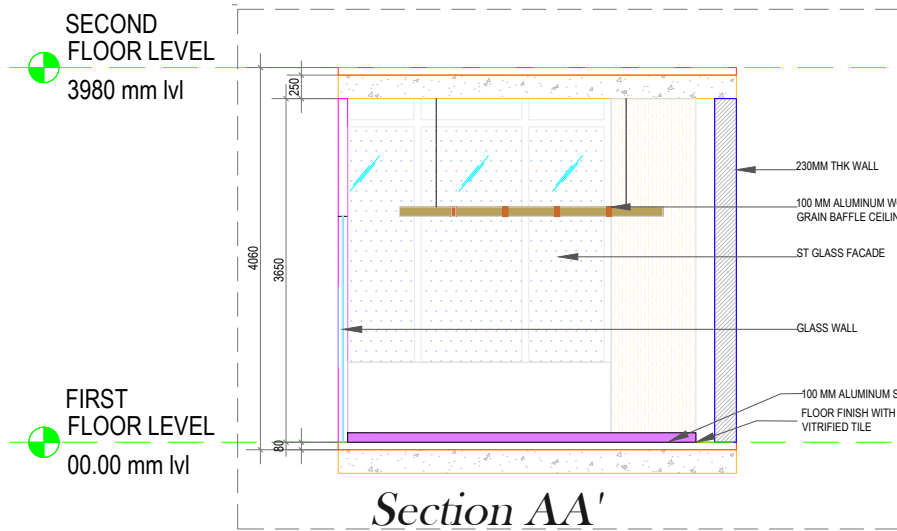
PLAN



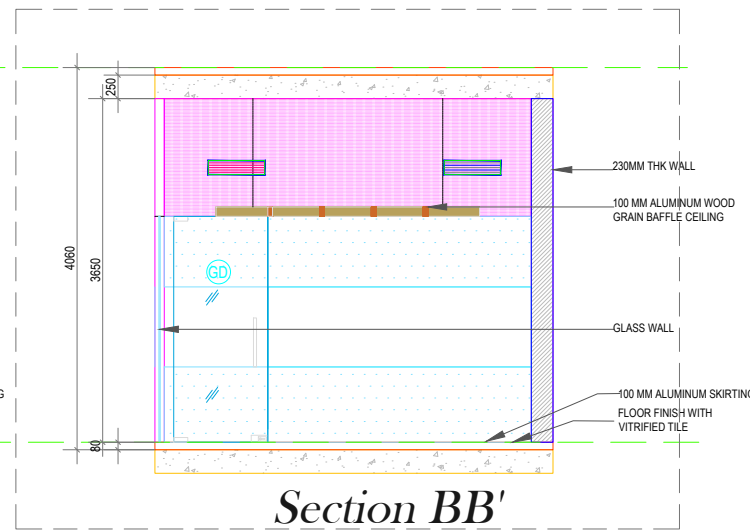
RCP LAYOUT



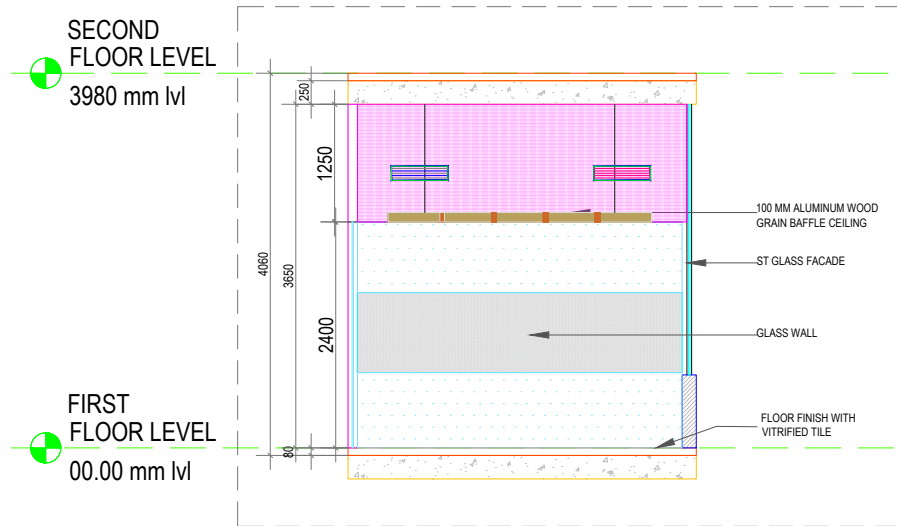
REFERENCE IMAGE FOR SUSPENDED ALUMINUM BAFFLE CEILING WITH LINER LIGHT .



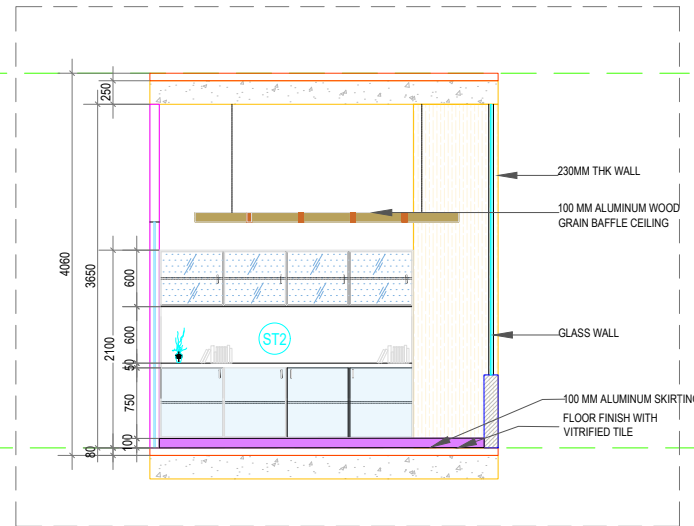
Section AA'



Section BB'



Section CC'



Section DD'

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LEGENDS

SYMBOL	DESCRIPTION
	100 mm THK GYPSUM WALL
	80/100 mm THK METAL WALL
	12mm THK GLASS WALL ENDS AT 2430MM (8FT), PROCEEDING WITH GYPSUM PARTITION WALL

LEGENDS

SYMBOL	DESCRIPTION
	AC GRILL
	FC LINE
	STRECHED CEILING LIGHT
	FC DROP LINE
	GLASS WALL
	ACOUSTIC GRID PANEL FALSE CEILING
	ALUMINUM SKIRTING
	ACRYLIC GLASS SHEET
	GYPSUM WALL
	WOOD GRAIN TEXTURE LAMINATE
	GYPSUM FALSE CEILING

SCHEDULE OF JOINERY

SNO.	TYPE	DESCRIPTION	WIDTH	HEIGHT	NO. OF ITEMS
1	DGD	DOUBLE GLASS DOOR	1800	2400	1
2	GD	GLASS DOOR	1000	2400	9
3	MTD	METAL DOOR	800	2400	2
4	MTD2	METAL DOOR	1100	2400	4
5	DMD	DOUBLE METAL DOOR	1675	2400	1
6	DMD2	DOUBLE METAL DOOR	2000	2400	2
7	SHD	SHAFT DOOR	765	1500	5
8	FGW	FIXED GLASS WINDOW	2000	1500	3
9	FGW1	FIXED GLASS WINDOW	1700	1500	2
10	FGW2	FIXED GLASS WINDOW	1000	1500	1

SL NO.	REVISIONS	DATE	CLIENT
			IITM
			PROJECT
			COMMERCIAL

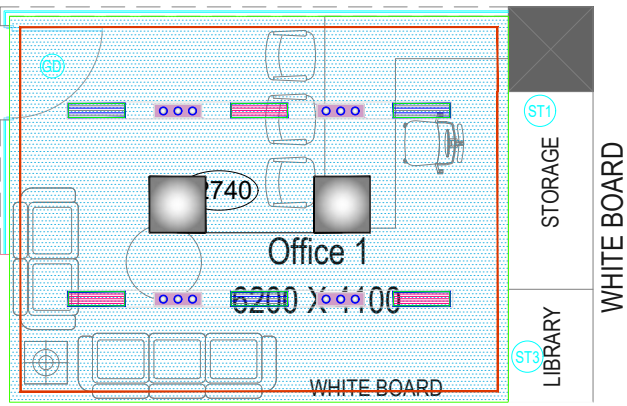
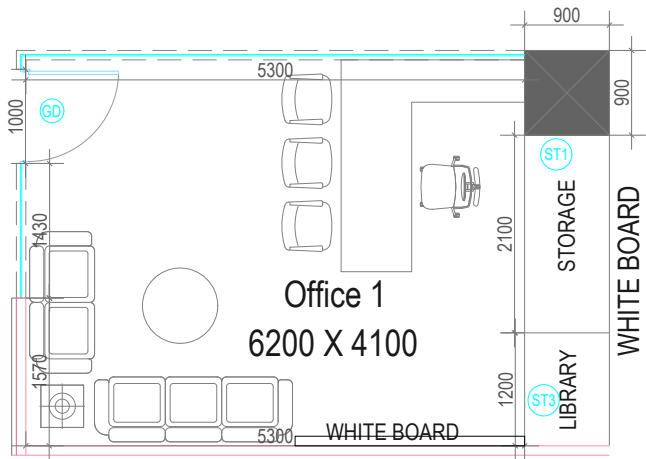
DRAWING TITLE
OFFICE & LAB - OFFICE 3

Drawing number.
EE-01/CQICC/GFC/ARCH/A-INT-11

Scale
1:80

DATE
07th Mar ' 2025





PLAN

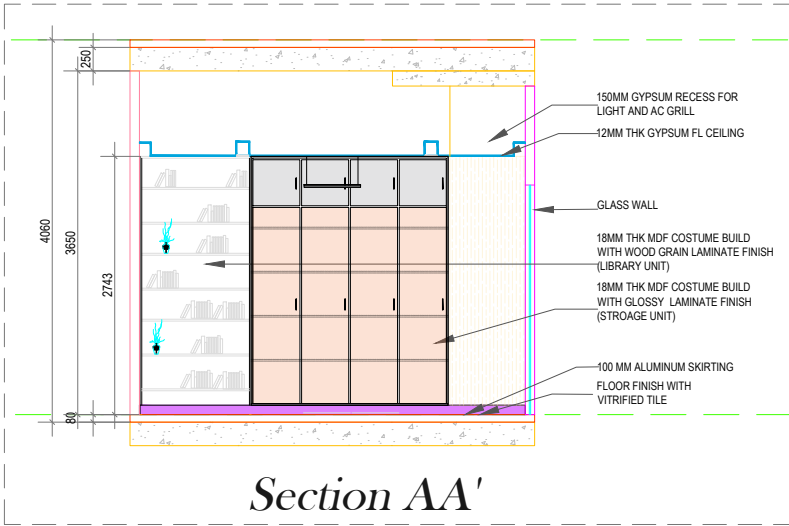
RCP LAYOUT

SECOND FLOOR LEVEL
3980 mm lvl

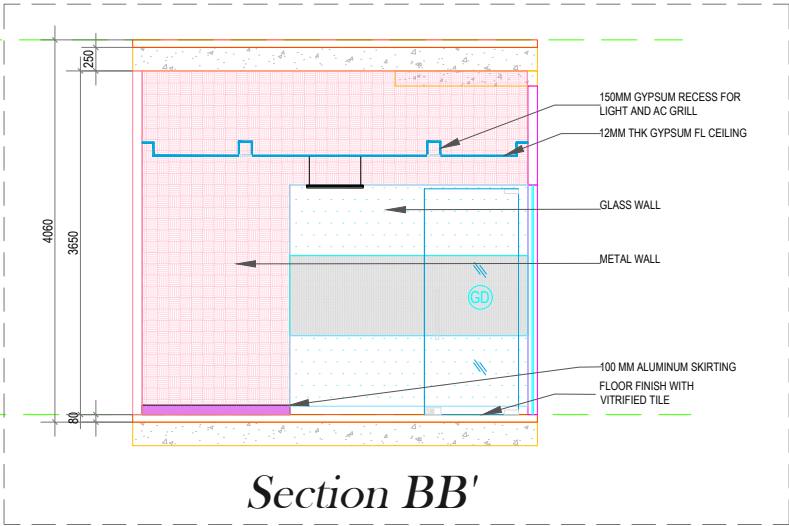
FIRST FLOOR LEVEL
00.00 mm lvl

SECOND FLOOR LEVEL
3980 mm lvl

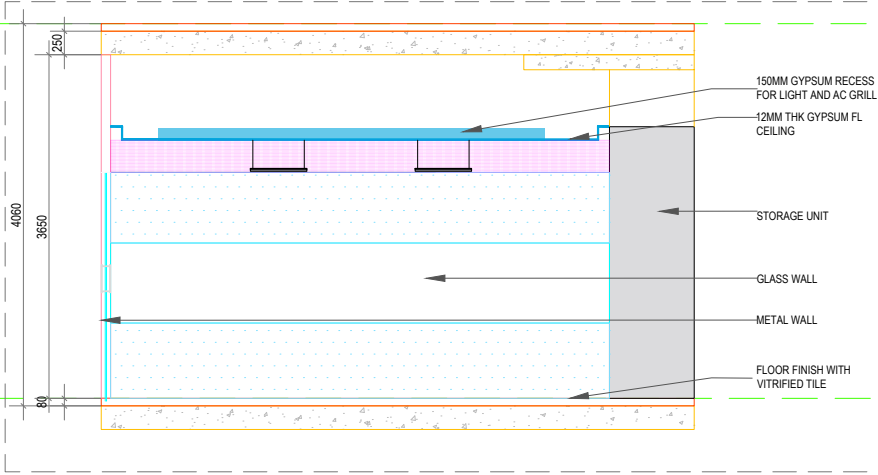
FIRST FLOOR LEVEL
00.00 mm lvl



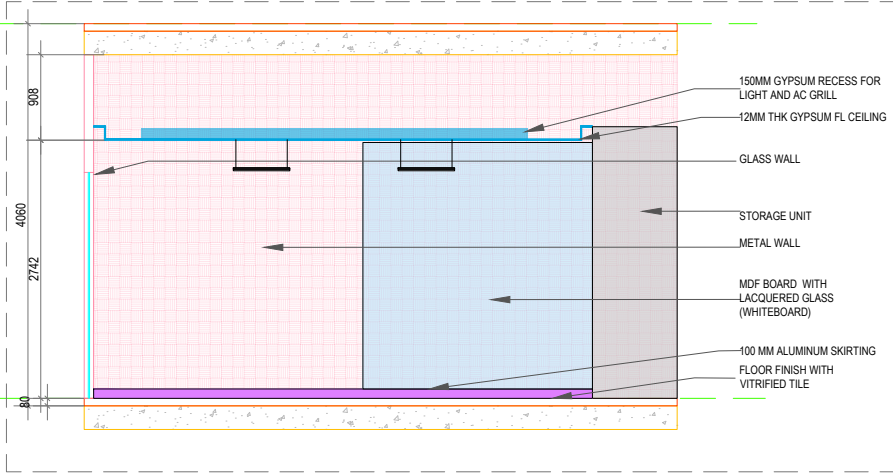
Section AA'



Section BB'



Section CC'



Section DD'

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LEGENDS

SYMBOL	DESCRIPTION
	100 mm THK GYPSUM WALL
	80/100 mm THK METAL WALL
	12mm THK GLASS WALL ENDS AT 2430MM (8FT), PROCEEDING WITH GYPSUM PARTITION WALL

LEGENDS

SYMBOL	DESCRIPTION
	AC GRILL
	FC LINE
	STRECHED CEILING LIGHT
	FC DROP LINE
	GLASS WALL
	ACOUSTIC GRID PANEL FALSE CEILING
	ALUMINUM SKIRTING
	ACRYLIC GLASS SHEET
	GYPSUM WALL
	WOOD GRAIN TEXTURE LAMINATE
	GYPSUM FALSE CEILING

SCHEDULE OF JOINERY

SNO.	TYPE	DESCRIPTION	WIDTH	HEIGHT	NO. OF ITEMS
1	DGD	DOUBLE GLASS DOOR	1800	2400	1
2	GD	GLASS DOOR	1000	2400	9
3	MTD	METAL DOOR	800	2400	2
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5	DMD	DOUBLE METAL DOOR	1675	2400	1
6	DMD2	DOUBLE METAL DOOR	2000	2400	2
7	SHD	SHAFT DOOR	765	1500	5
8	FGW	FIXED GLASS WINDOW	2000	1500	3
9	FGW1	FIXED GLASS WINDOW	1700	1500	2
10	FGW2	FIXED GLASS WINDOW	1000	1500	1

SL NO.	REVISIONS	DATE	CLIENT
			IITM
			PROJECT
			COMMERCIAL

DRAWING TITLE
OFFICE & LAB - OFFICE 1

Drawing number.
EE-01/CQICC/GFC/ARCH/A-INT-12

Scale
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DATE
07th Mar ' 2025



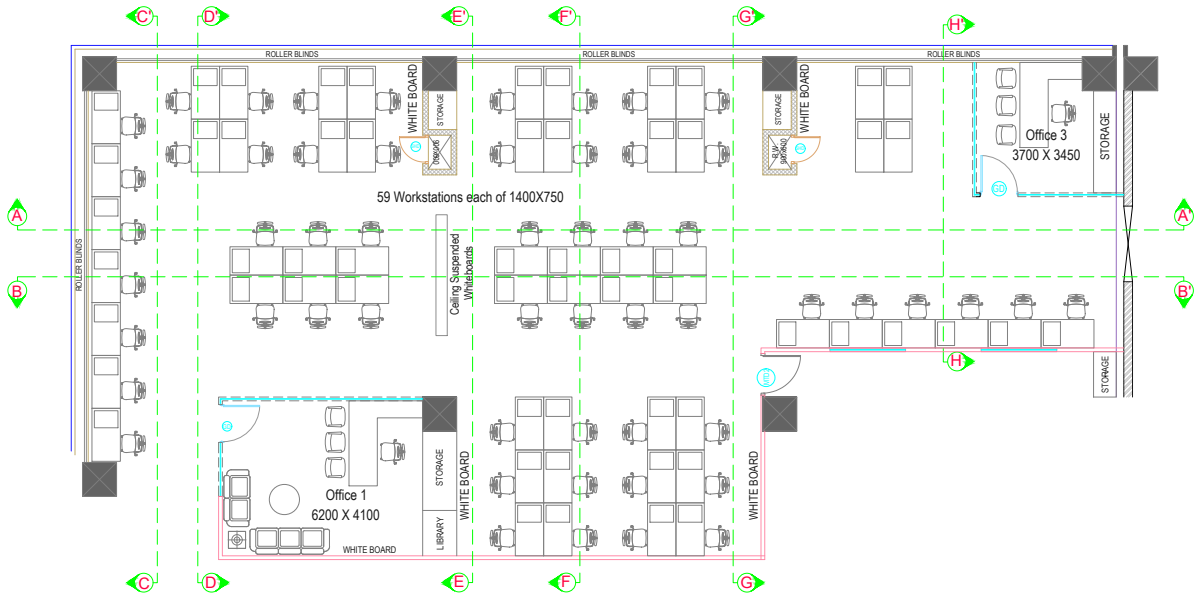
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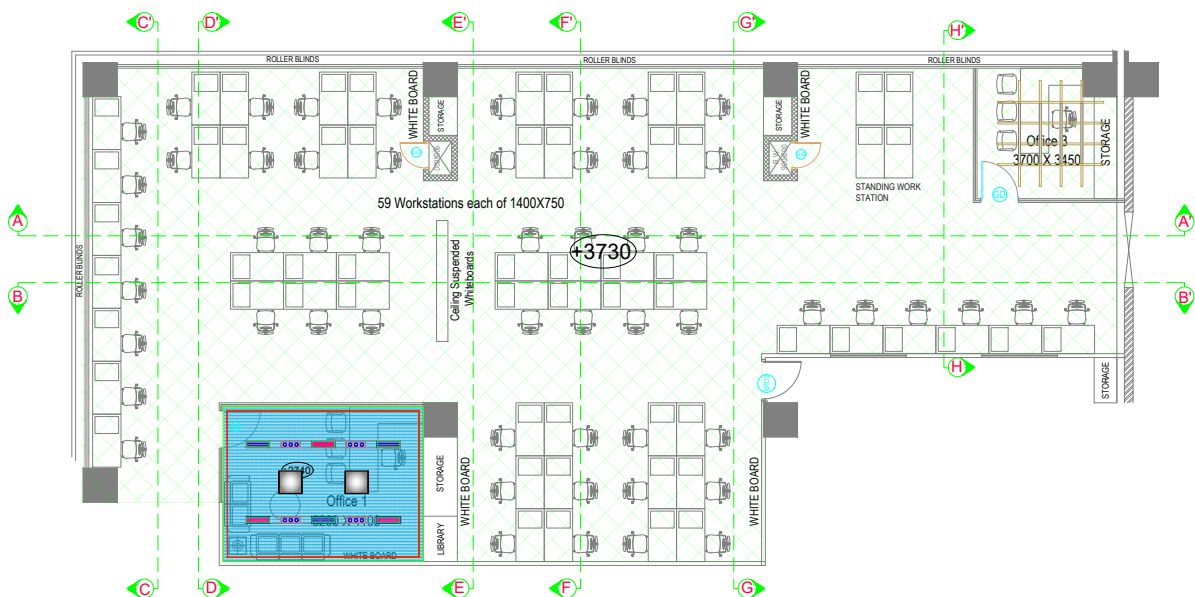
LEGENDS	
SYMBOL	DESCRIPTION
	100 mm THK GYPSUM WALL
	80/100 mm THK METAL WALL
	12mm THK GLASS WALL ENDS AT 2430MM (8FT), PROCEEDING WITH GYPSUM PARTITION WALL

LEGENDS	
SYMBOL	DESCRIPTION
	AC GRILL
	FC LINE
	STRETCHED CEILING LIGHT
	FC DROP LINE
	GLASS WALL
	ACOUSTIC GRID PANEL FALSE CEILING
	ALUMINUM SKIRTING
	ACRYLIC GLASS SHEET
	GYPSUM WALL
	WOOD GRAIN TEXTURE LAMINATE
	GYPSUM FALSE CEILING

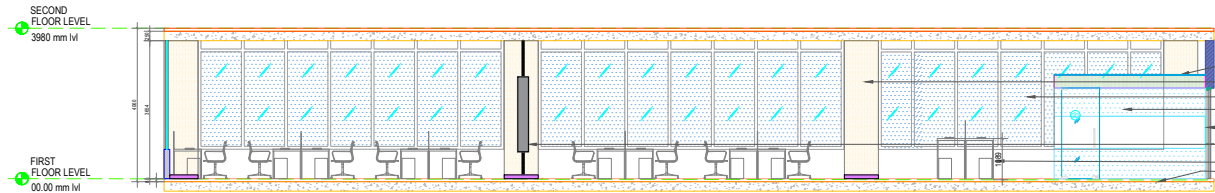
SCHEDULE OF JOINERY					
NO.	TYPE	DESCRIPTION	WIDTH	HEIGHT	NO. OF ITEMS
1	DGD	DOUBLE GLASS DOOR	1800	2400	1
2	GD	GLASS DOOR	1000	2400	9
3	MTD	METAL DOOR	800	2400	2
4	MTD2	METAL DOOR	1100	2400	4
5	DMD	DOUBLE METAL DOOR	1675	2400	1
6	DMD2	DOUBLE METAL DOOR	2000	2400	2
7	SHD	SHAFT DOOR	765	1500	5
8	FGW	FIXED GLASS WINDOW	2000	1500	3
9	FGW1	FIXED GLASS WINDOW	1700	1500	2
10	FGW2	FIXED GLASS WINDOW	1000	1500	1



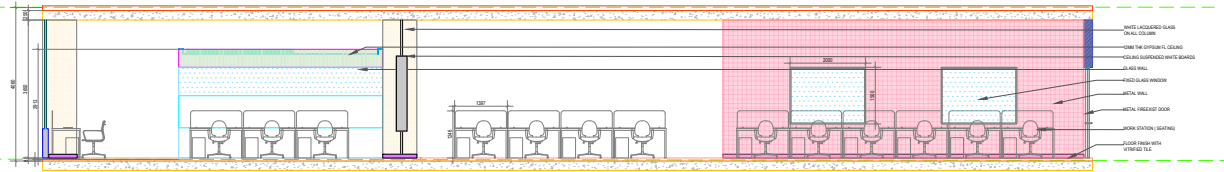
PLAN



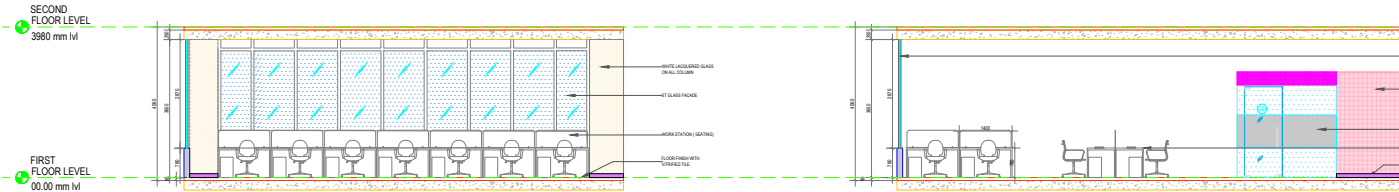
RCPLAYOUT



Section AA'



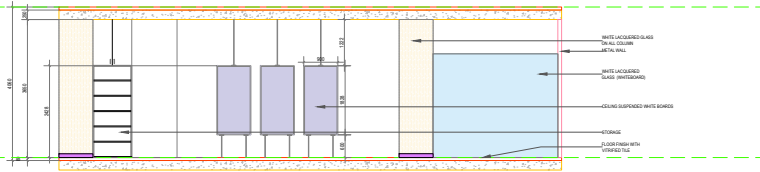
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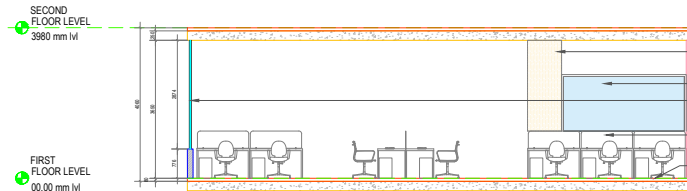
Section CC'



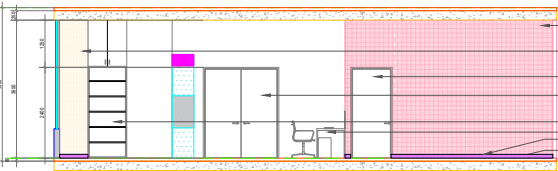
Section DD'



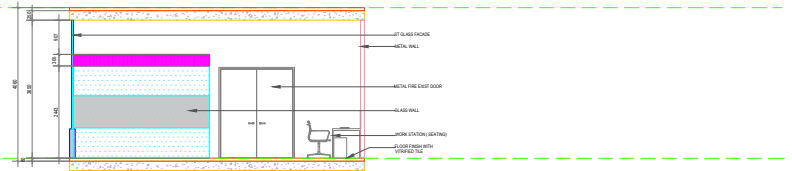
Section EE'



Section FF'



Section GG'



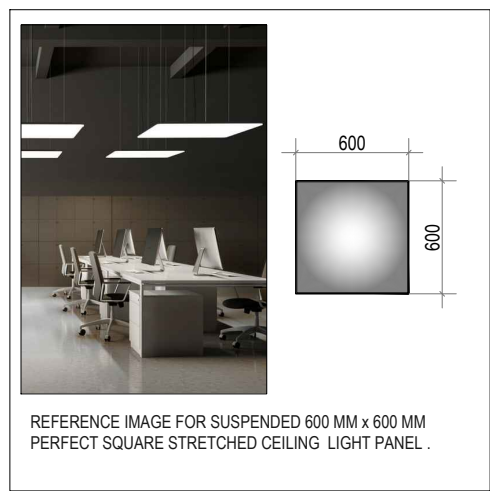
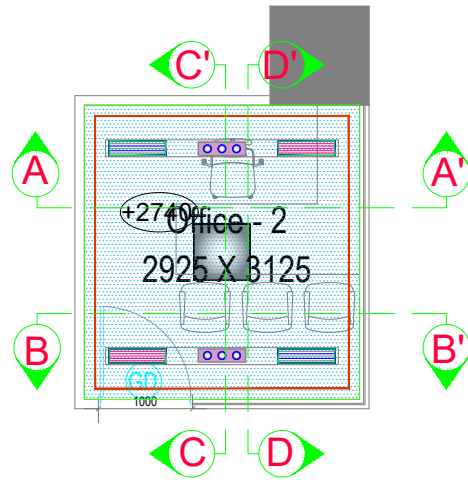
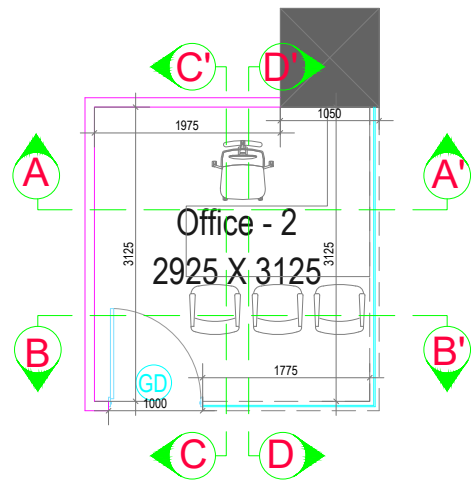
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SL NO.	REVISIONS	DATE	CLIENT
			IITM
			PROJECT
			COMMERCIAL

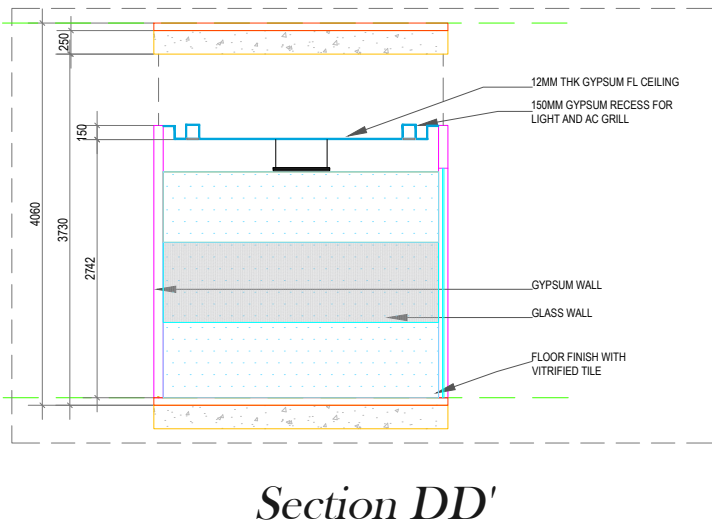
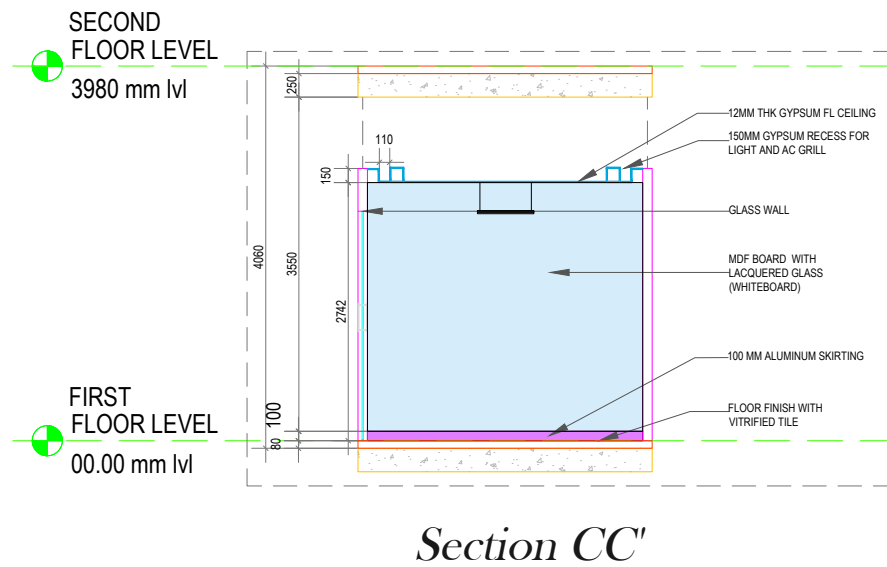
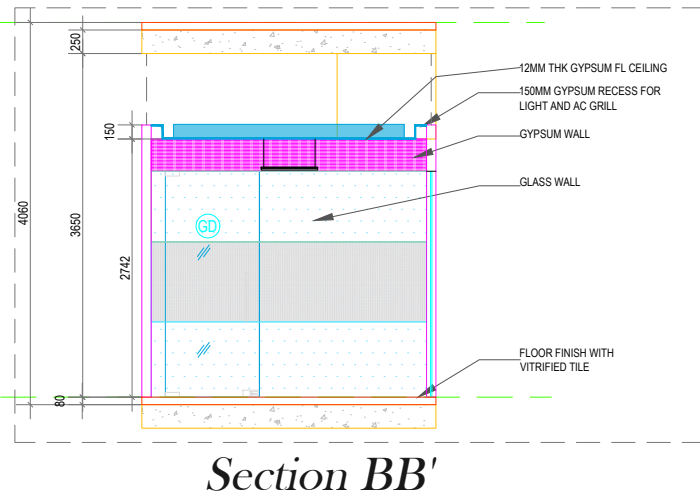
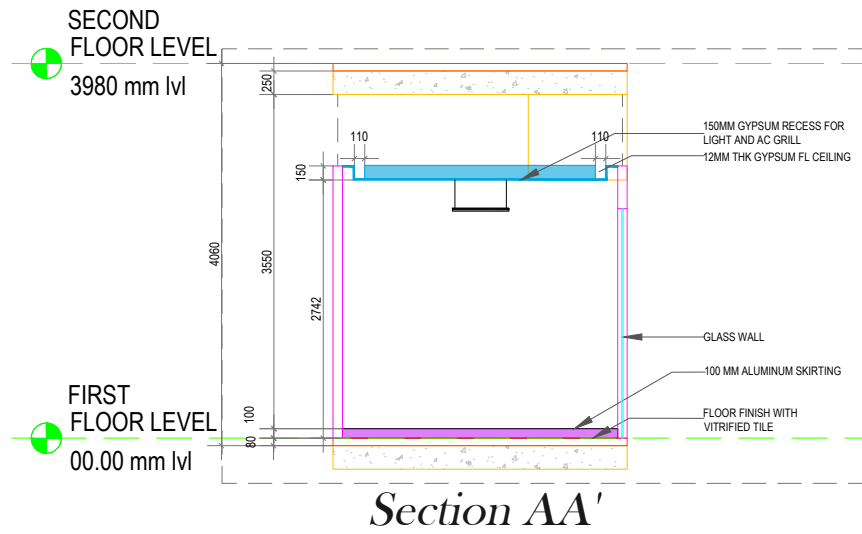
DRAWING TITLE
OFFICE & LAB LAYOUT -WORKSTATION DETAIL

Drawing number.	
EE-01/CQICC/GFC/ARCH/A-INT-13	
Scale 1:200	DATE 07th Mar ' 2025





REFERENCE IMAGE FOR SUSPENDED 600 MM x 600 MM
PERFECT SQUARE STRETCHED CEILING LIGHT PANEL .



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LEGENDS

SYMBOL	DESCRIPTION
	100 mm THK GYPSUM WALL
	80/100 mm THK METAL WALL
	12mm THK GLASS WALL ENDS AT 2430MM (8FT), PROCEEDING WITH GYPSUM PARTITION WALL

LEGENDS

SYMBOL	DESCRIPTION
	AC GRILL
	FC LINE
	STRETCHED CEILING LIGHT
	FC DROP LINE
	GLASS WALL
	ACOUSTIC GRID PANEL FALSE CEILING
	ALUMINUM SKIRTING
	ACRYLIC GLASS SHEET
	GYPSUM WALL
	WOOD GRAIN TEXTURE LAMINATE
	GYPSUM FALSE CEILING

SCHEDULE OF JOINERY

SNO.	TYPE	DESCRIPTION	WIDTH	HEIGHT	NO. OF ITEMS
1	DGD	DOUBLE GLASS DOOR	1800	2400	1
2	GD	GLASS DOOR	1000	2400	9
3	MTD	METAL DOOR	800	2400	2
4	MTD2	METAL DOOR	1100	2400	4
5	DMD	DOUBLE METAL DOOR	1675	2400	1
6	DMD2	DOUBLE METAL DOOR	2000	2400	2
7	SHD	SHAFT DOOR	765	1500	5
8	FGW	FIXED GLASS WINDOW	2000	1500	3
9	FGW1	FIXED GLASS WINDOW	1700	1500	2
10	FGW2	FIXED GLASS WINDOW	1000	1500	1

SL NO.	REVISIONS	DATE	CLIENT
			IITM
			PROJECT
			COMMERCIAL

DRAWING TITLE

OFFICE & LAB - OFFICE 2

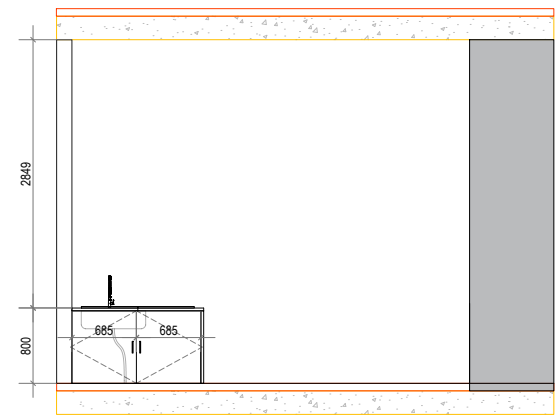
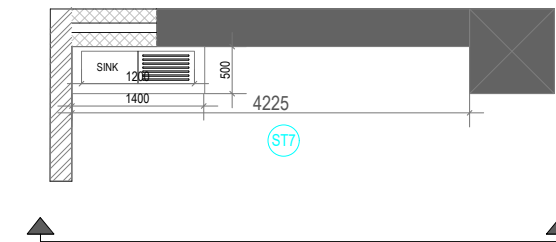
Drawing number.

EE-01/CQICC/GFC/ARCH/A-INT-14

Scale
1:80

DATE
07th Mar ' 2025





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LEGENDS

SYMBOL	DESCRIPTION
	100 mm THK GYPSUM WALL
	80/100 mm THK METAL WALL
	12mm THK GLASS WALL ENDS AT 2430MM (8FT), PROCEEDING WITH GYPSUM PARTITION WALL

LEGENDS

SYMBOL	DESCRIPTION
	AC GRILL
	FC LINE
	STRETCHED CEILING LIGHT
	FC DROP LINE
	GLASS WALL
	ACOUSTIC GRID PANEL FALSE CEILING
	ALUMINUM SKIRTING
	ACRYLIC GLASS SHEET
	GYPSUM WALL
	WOOD GRAIN TEXTURE LAMINATE
	GYPSUM FALSE CEILING

SCHEDULE OF JOINERY					
SNO.	TYPE	DESCRIPTION	WIDTH	HEIGHT	NO. OF ITEMS
1	DGD	DOUBLE GLASS DOOR	1800	2400	1
2	GD	GLASS DOOR	1000	2400	9
3	MTD	METAL DOOR	800	2400	2
4	MTD2	METAL DOOR	1100	2400	4
5	DMD	DOUBLE METAL DOOR	1675	2400	1
6	DMD2	DOUBLE METAL DOOR	2000	2400	2
7	SHD	SHAFT DOOR	765	1500	5
8	FGW	FIXED GLASS WINDOW	2000	1500	3
9	FGW1	FIXED GLASS WINDOW	1700	1500	2
10	FGW2	FIXED GLASS WINDOW	1000	1500	1

SL NO.	REVISIONS	DATE	CLIENT
			IITM
			PROJECT
			COMMERCIAL

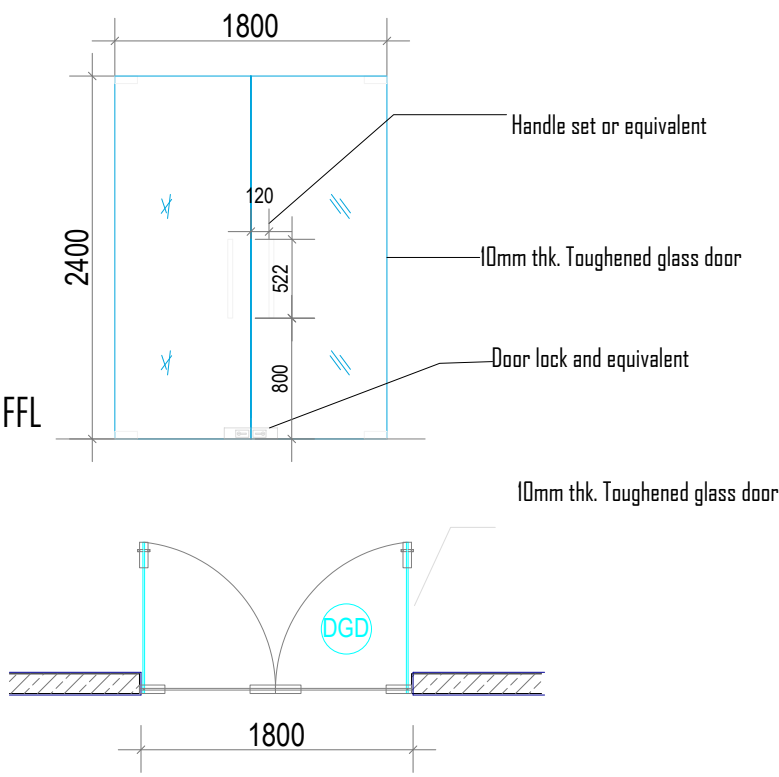
DRAWING TITLE

OFFICE & LAB - PANTRY & WET
COUNTER WITH SINK

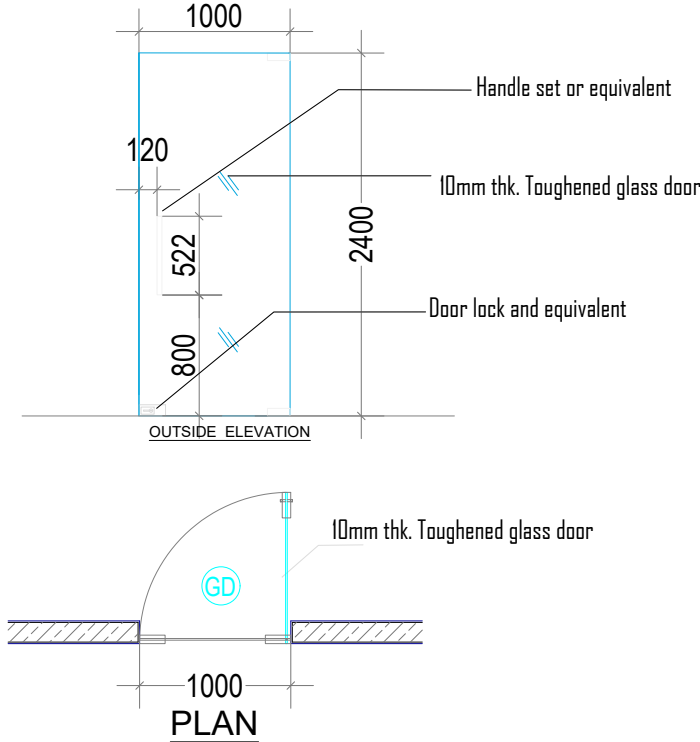
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EE-01/CQICC/GFC/ARCH/A-INT-15

Scale	DATE
1:80	07th Mar ' 2025

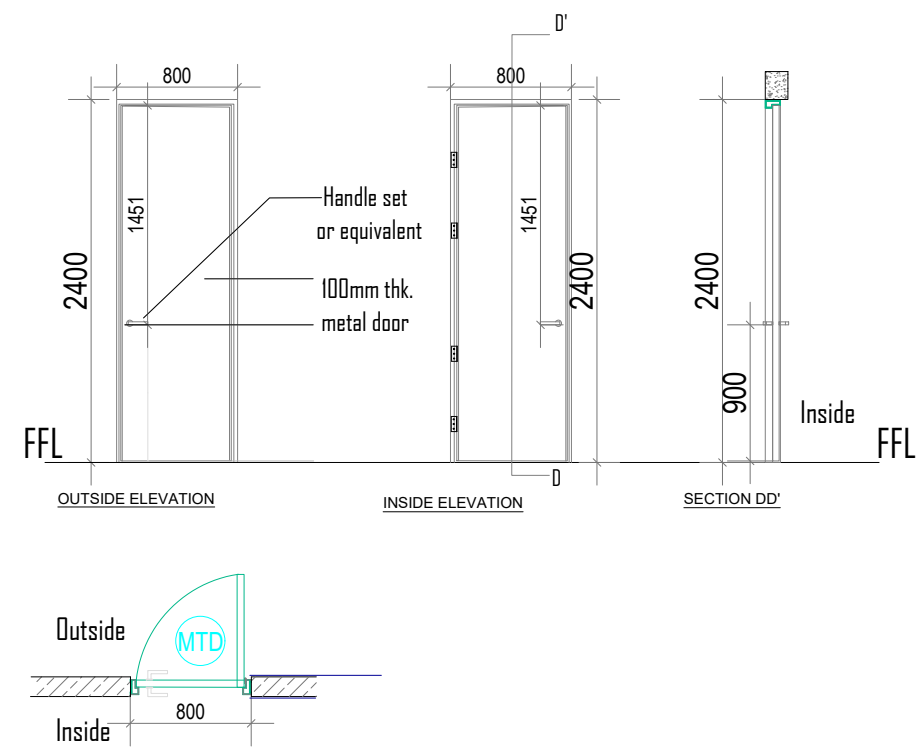




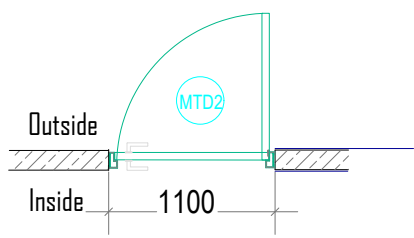
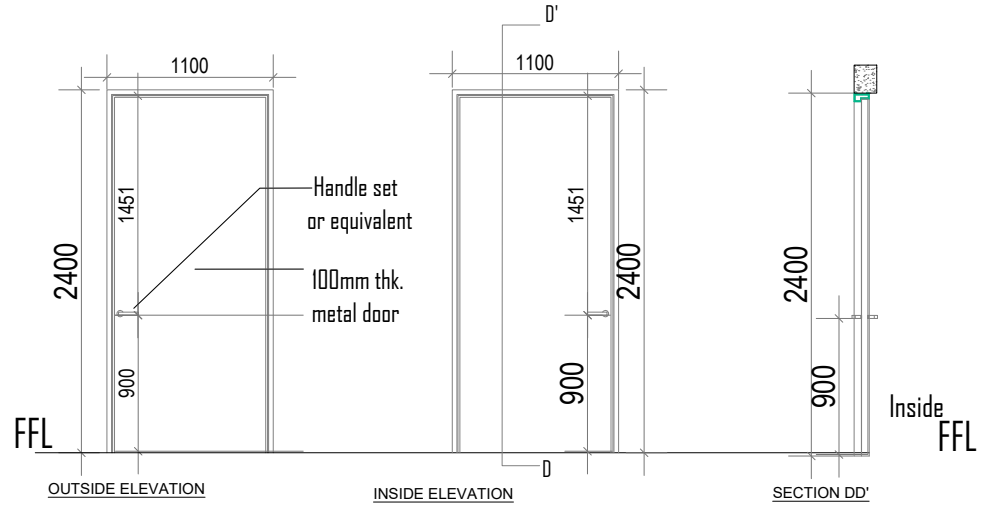
DGD DOUBLE GLASS DOOR
1800MM x 2400MM
Entrance lobby



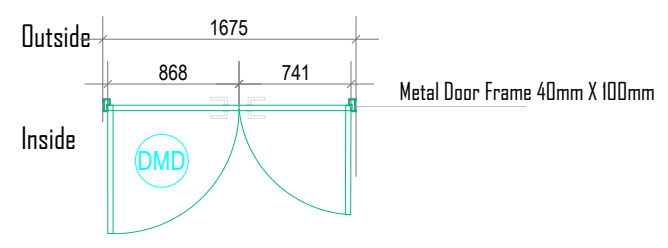
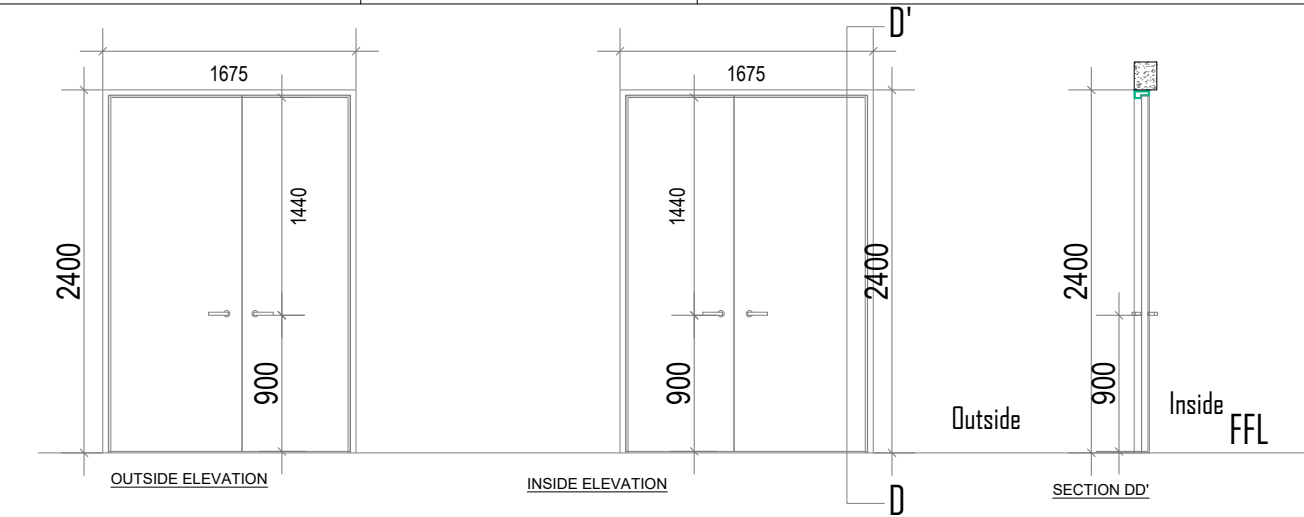
GD GLASS DOOR
1000MM x 2400MM
cabins,office,
conference room



MTD METAL DOOR
800MM x 2400MM
entry to clean room



MTD2 METAL DOOR
1100MM x 2400MM
entry/exit of labs

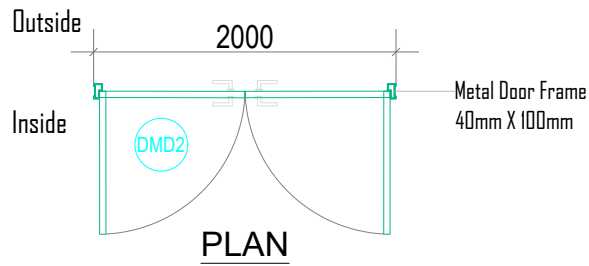
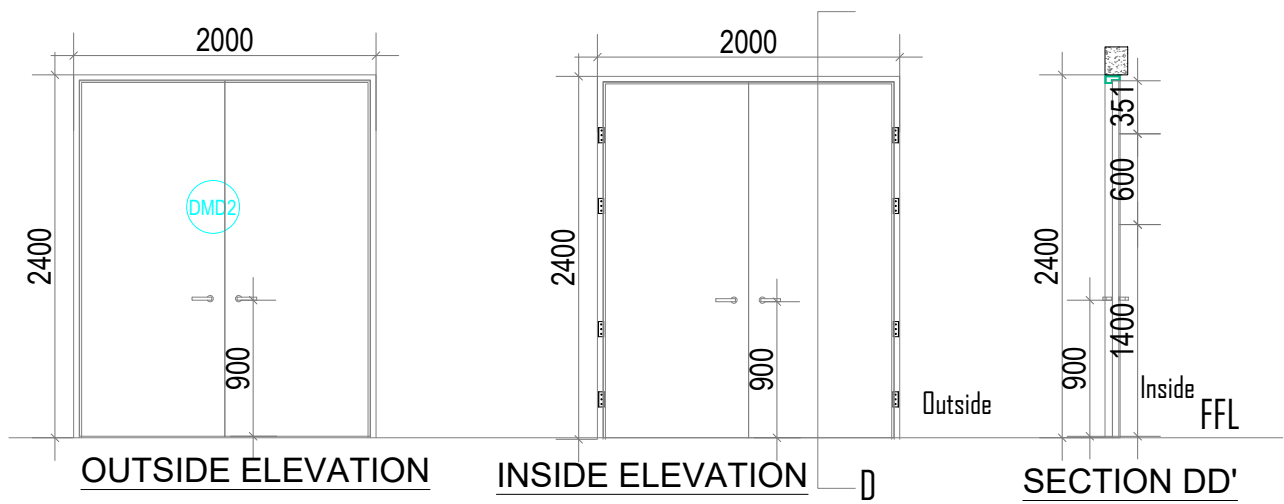


DMD DOUBLE METAL DOOR
1675MM x 2400MM
class 10,000 labs

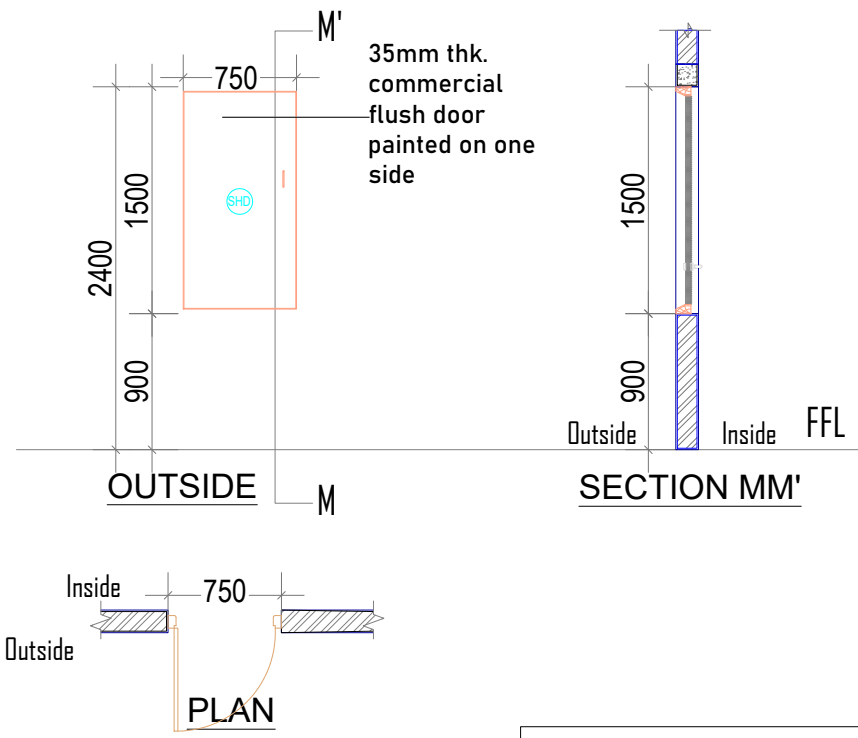
SCHEDULE OF JOINERY					
SNO.	TYPE	DESCRIPTION	WIDTH	HEIGHT	NO. OF ITEMS
1	DGD	DOUBLE GLASS DOOR	1800	2400	1
2	GD	GLASS DOOR	1000	2400	9
3	MTD	METAL DOOR	800	2400	2
4	MTD2	METAL DOOR	1100	2400	4
5	DMD	DOUBLE METAL DOOR	1675	2400	1
6	DMD2	DOUBLE METAL DOOR	2000	2400	2
7	SHD	SHAFT DOOR	765	1500	5
8	FGW	FIXED GLASS WINDOW	2000	1500	3
9	FGW1	FIXED GLASS WINDOW	1700	1500	2
10	FGW2	FIXED GLASS WINDOW	1000	1500	1

SL NO.	REVISIONS	DATE	CLIENT	DRAWING TITLE	Drawing number:		
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			PROJECT <td>DATE<td>Scale</td></td>		DATE <td>Scale</td>	Scale	
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				OFFICE & LAB LAYOUT -JOINERY DETAILS 1			

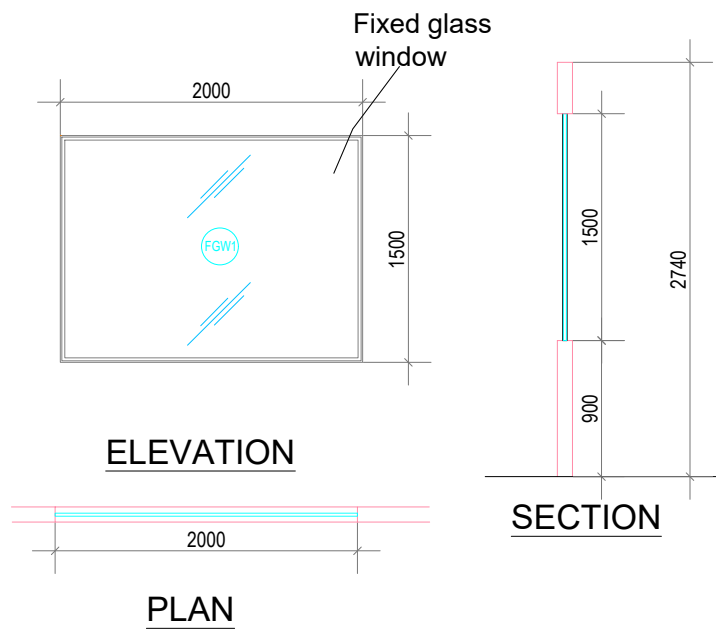
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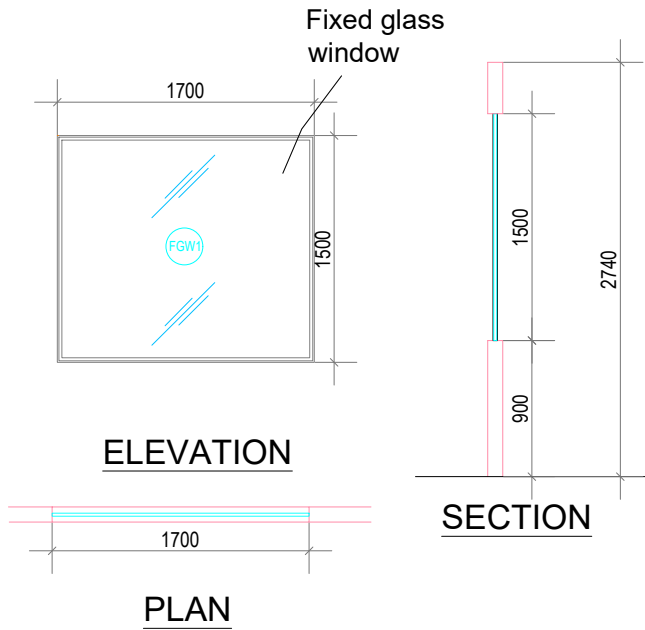
DMD2 DOUBLE METAL DOOR
2000MM x 2400MM
class 10,000 labs



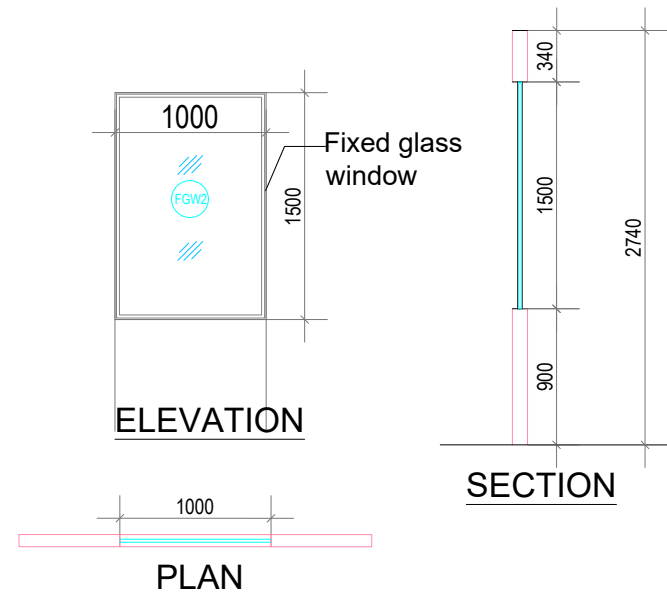
SHD SHAFT DOOR
760MM x 1500MM
shaft doors



FGW FIXED GLASS WINDOW
2000MM x 1500MM



FGW1 FIXED GLASS WINDOW
1700MM x 1500MM

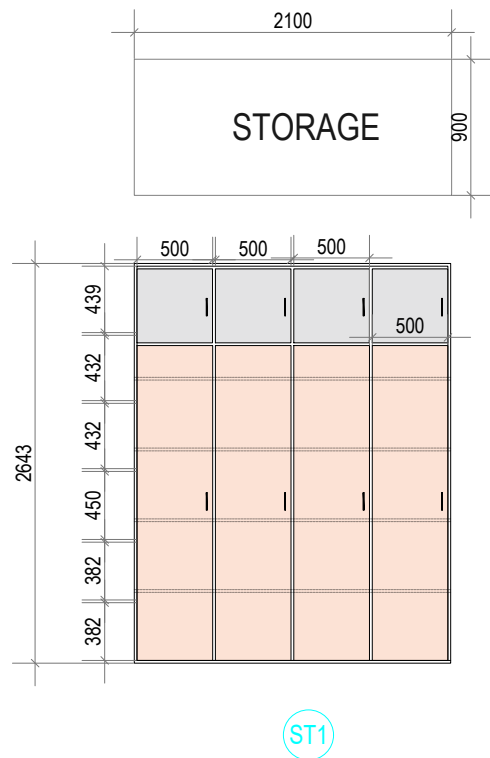


FGW2 FIXED GLASS WINDOW
1000MM x 1050MM

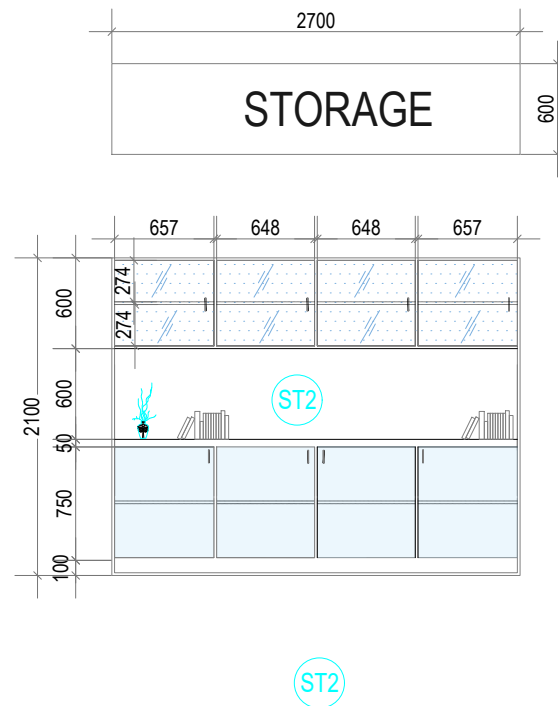
SCHEDULE OF JOINERY					
SNO.	TYPE	DESCRIPTION	WIDTH	HEIGHT	NO. OF ITEMS
1	DGD	DOUBLE GLASS DOOR	1800	2400	1
2	GD	GLASS DOOR	1000	2400	9
3	MTD	METAL DOOR	800	2400	2
4	MTD2	METAL DOOR	1100	2400	4
5	DMD	DOUBLE METAL DOOR	1675	2400	1
6	DMD2	DOUBLE METAL DOOR	2000	2400	2
7	SHD	SHAFT DOOR	765	1500	5
8	FGW	FIXED GLASS WINDOW	2000	1500	3
9	FGW1	FIXED GLASS WINDOW	1700	1500	2
10	FGW2	FIXED GLASS WINDOW	1000	1500	1

SL NO.	REVISIONS	DATE	CLIENT	DRAWING TITLE	Drawing number:		
			IITM	OFFICE & LAB LAYOUT -JOINERY DETAILS 2	EE-01/CQICC/GFC/ARCH/A-INT-17		
			PROJECT		DATE	Scale	
			COMMERCIAL		07th Mar ' 2025	1:70	

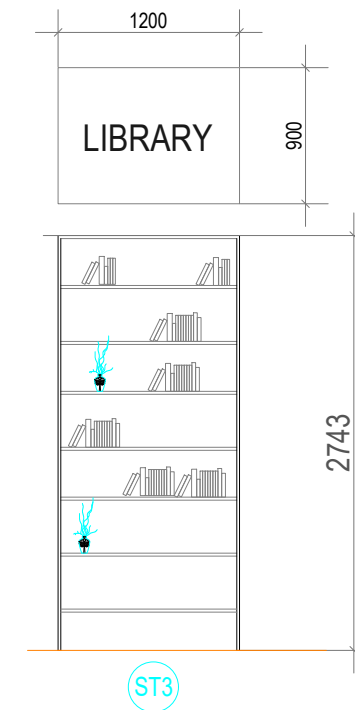
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ST1 **Storage 1**
900MM x 2100MM
Office 1

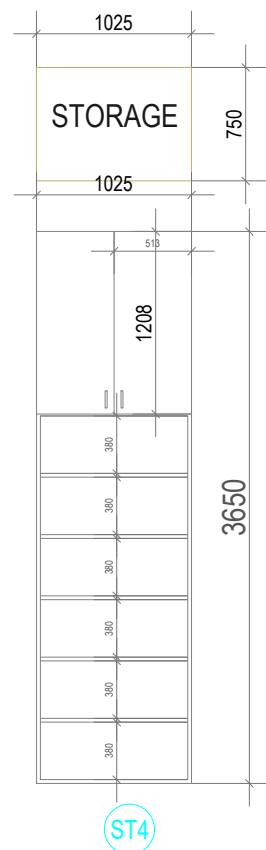


ST2 **Stroage 2**
600MM x 2700MM
Office 3

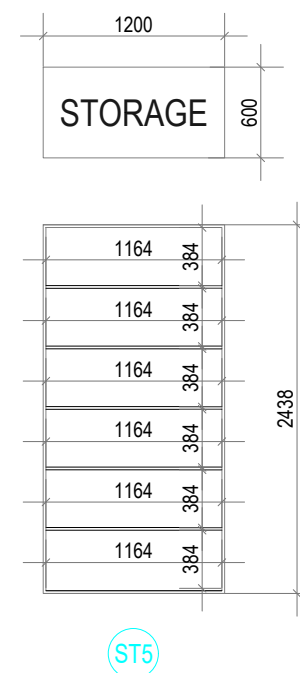


ST3 **Stroage 3**
900MM x 1200MM
Office 1

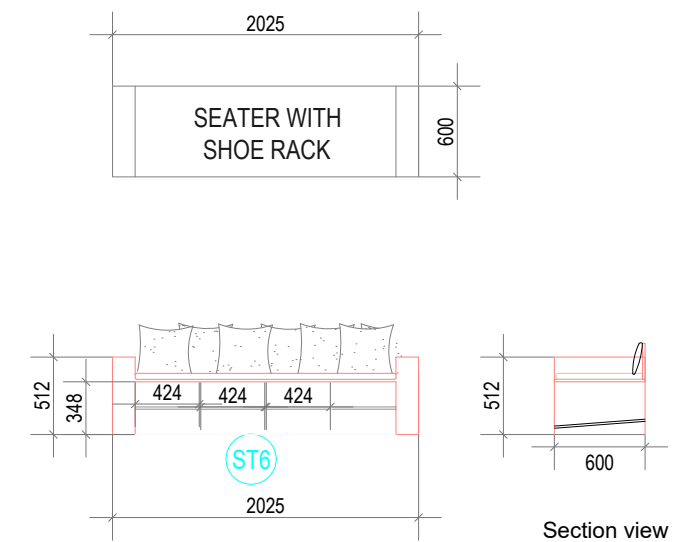
SCHEDULE OF JOINERY					
SNO.	TYPE	DESCRIPTION	WIDTH	HEIGHT	NO. OF ITEMS
1	DGD	DOUBLE GLASS DOOR	1800	2400	1
2	GD	GLASS DOOR	1000	2400	9
3	MTD	METAL DOOR	800	2400	2
4	MTD2	METAL DOOR	1100	2400	4
5	DMD	DOUBLE METAL DOOR	1675	2400	1
6	DMD2	DOUBLE METAL DOOR	2000	2400	2
7	SHD	SHAFT DOOR	765	1500	5
8	FGW	FIXED GLASS WINDOW	2000	1500	3
9	FGW1	FIXED GLASS WINDOW	1700	1500	2
10	FGW2	FIXED GLASS WINDOW	1000	1500	1



ST4 **Storage 4**
750MM x 1050MM
workstation



ST5



ST6 **Stroage 6**
600MM x 2250MM
Passage

SL NO.	REVISIONS	DATE	CLIENT
			IITM
			PROJECT
			COMMERCIAL

DRAWING TITLE

OFFICE & LAB LAYOUT - STROAGE

Drawing number:

EE-01/CQICC/GFC/ARCH/A-INT-18

DATE	07th Mar ' 2025
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Scale
1:70



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THE TRUE CEILING IS AT 3730 MM
(12 ft 2 in)



SYMBOL	DESCRIPTION
	AC GRILL
	FC LINE
	STRECHED CEILING LIGHT
	FC DROP LINE
	GYPSUM FALSE CEILING
	ACOUSTIC GRID PANEL FALSE CEILING

SYMBOL	DESCRIPTION
	100 mm THK GYPSUM WALL
	80/100 mm THK METAL WALL
	12mm THK GLASS WALL ENDS AT 2430MM (8FT), PROCEEDING WITH GYPSUM PARTITION WALL

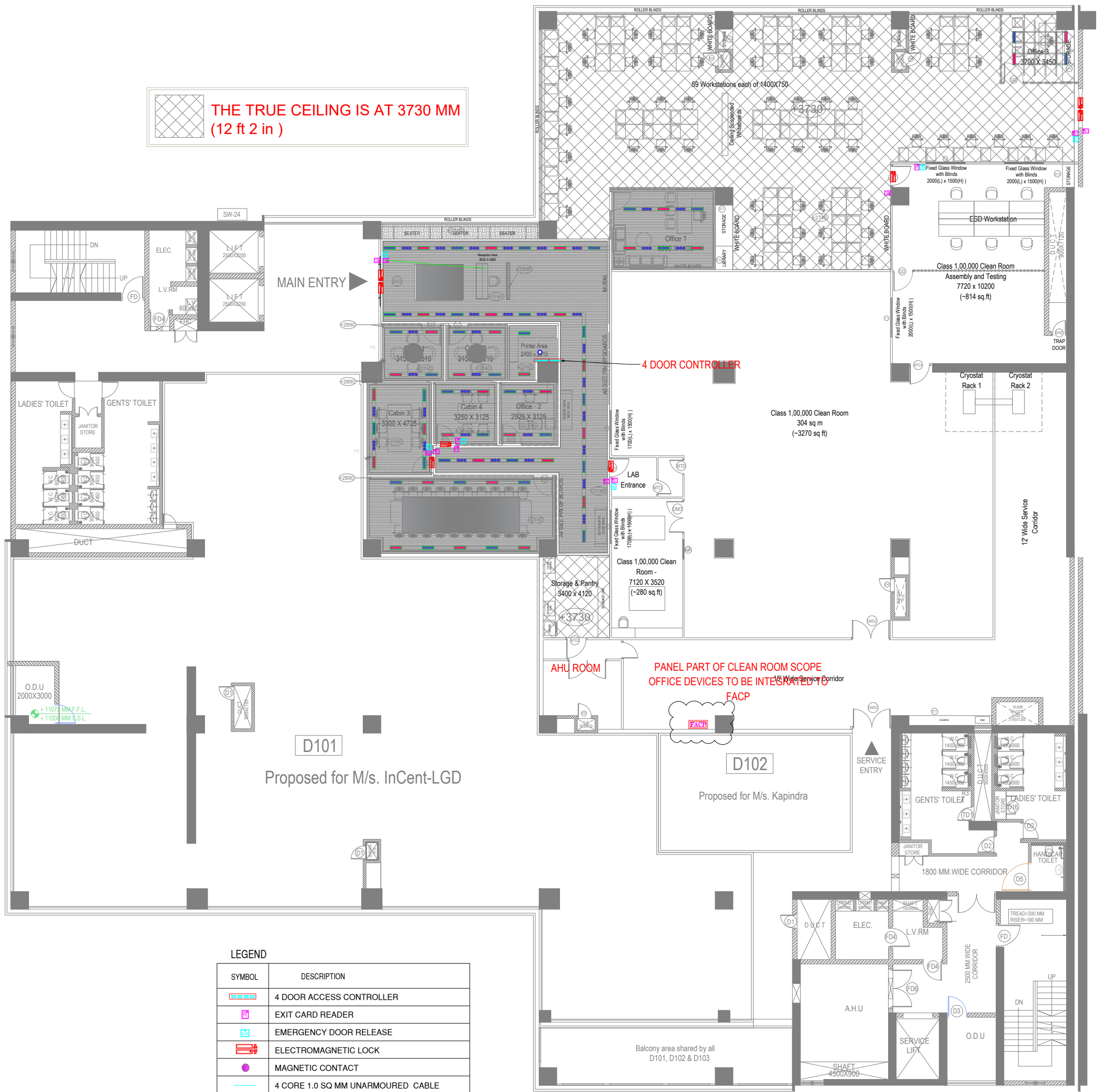
SYM	DESCRIPTION
	FIRE ALARM 2 LOOP PANEL
	REPEATER PANEL
	SMOKE DETECTORS BELOW
	SMOKE DETECTORS ABOVE
	HEAT DETECTORS
	RESPONSE INDICATORS
	MANUAL CALL POINT
	HOOTER

SL NO.	REVISIONS	DATE	CLIENT	DRAWING TITLE	DATE	Drawing number:	Scale	
03	R3	18 Sept 2024	IITM	OFFICE FIRE ALARM SYSTEM LAYOUT	28th Feb ' 2025	GK-01/CQICC/GFC/FAS-01	1:200	
04	R4	27 Sept 2024						
05	R5	12 Dec 2024	PROJECT					
06	R6	28 Jan 2025	COMMERCIAL					
07	R7	04 Feb 2025						

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THE TRUE CEILING IS AT 3730 MM
(12 ft 2 in)

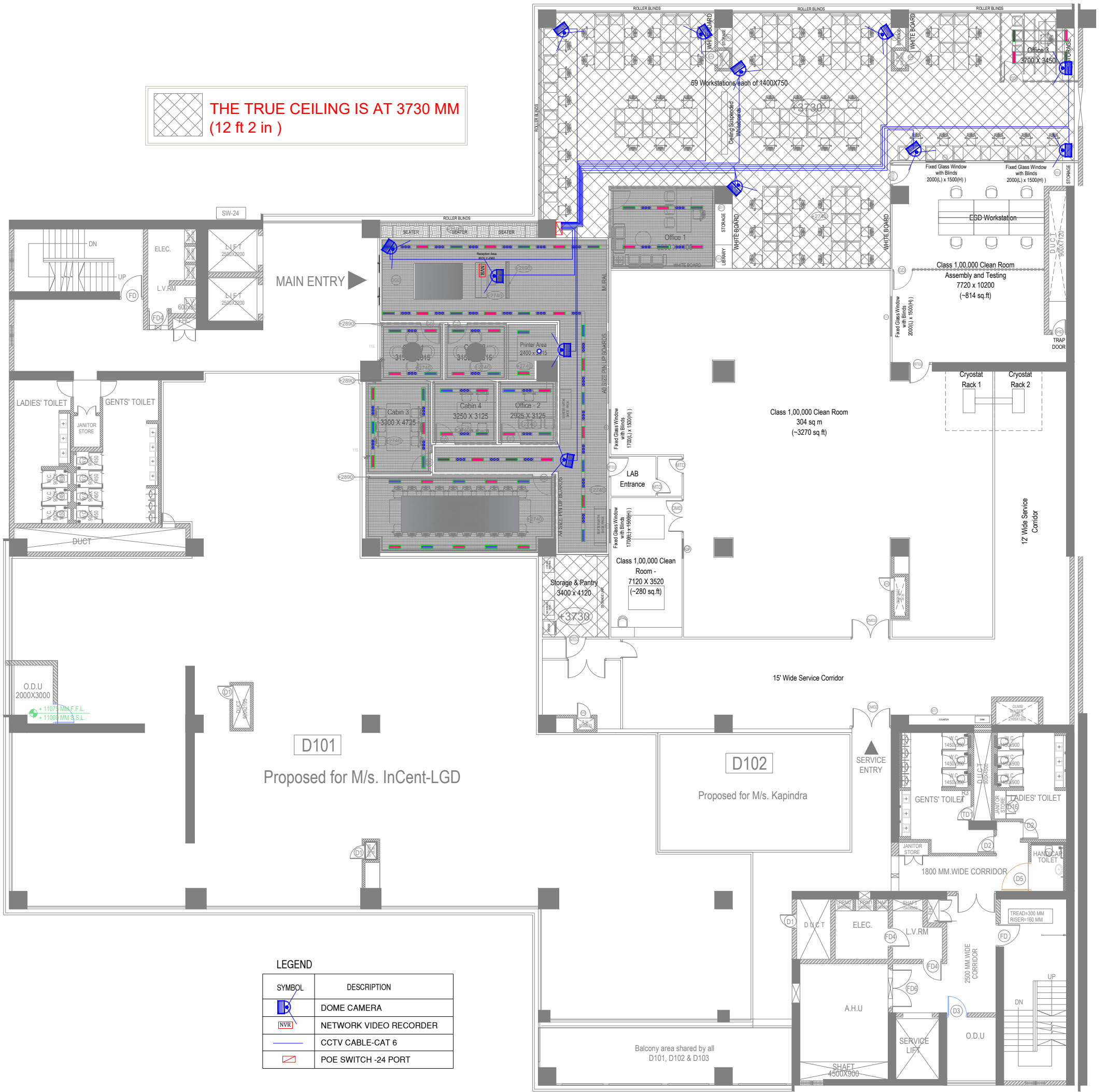


LEGEND	
SYMBOL	DESCRIPTION
	4 DOOR ACCESS CONTROLLER
	EXIT CARD READER
	EMERGENCY DOOR RELEASE
	ELECTROMAGNETIC LOCK
	MAGNETIC CONTACT
	4 CORE 1.0 SQ MM UNARMOURED CABLE
	CAT 6 CABLE
	8 CORE 1.0 SQ MM UNARMOURED CABLE
	25 MM DIA CONDUIT FOR DOOR RELEASE SWITCH

	REVISIONS	DATE	CLIENT	DRAWING TITLE				
03	R3	18 Sept 2024		IITM	ACCESS CONTROL SYSTEM LAYOUT			
04	R4	27 Sept 2024	PROJECT		DATE	Drawing number:	Scale	
05	R5	12 Dec 2024		COMMERCIAL	24th Feb ' 2025	GK-02/CQICC/GFC/ACC-04	1:200	
06	R6	28 Jan 2025						
07	R7	04 Feb 2025						

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THE TRUE CEILING IS AT 3730 MM
(12 ft 2 in)



LEGEND	
SYMBOL	DESCRIPTION
	DOMA CAMERA
	NETWORK VIDEO RECORDER
	CCTV CABLE-CAT 6
	POE SWITCH -24 PORT

	REVISIONS	DATE	CLIENT	DRAWING TITLE				
03	R3	18 Sept 2024		IITM	CLOSED CIRCUIT TELEVISION SYSTEM LAYOUT			
04	R4	27 Sept 2024	PROJECT COMMERCIAL		DATE	Drawing number:	Scale	
05	R5	12 Dec 2024		24th Feb ' 2025	GK-02/CQICC/GFC/CCTV-05	1:200		
06	R6	28 Jan 2025						
07	R7	04 Feb 2025						

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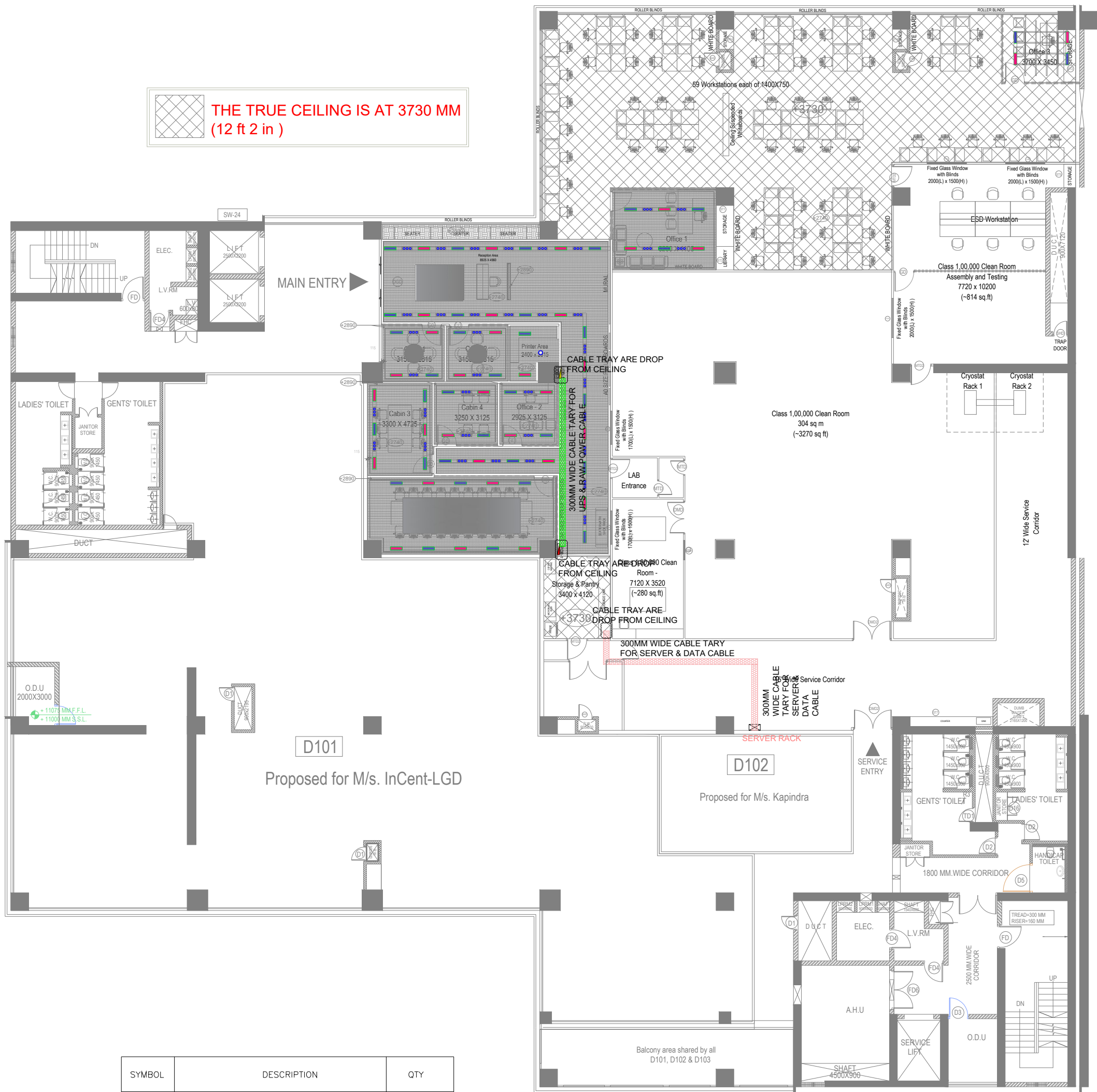
THE TRUE CEILING IS AT 3730 MM
(12 ft 2 in)



	REVISIONS	DATE	CLIENT	DRAWING TITLE				
03	R3	18 Sept 2024		IITM	HVAC SYSTEM LAYOUT			
04	R4	27 Sept 2024	PROJECT COMMERCIAL		DATE	Drawing number:	Scale	
05	R5	12 Dec 2024		24th Feb ' 2025	GK-02/CQICC/GFC/HVAC-06	1:200		
06	R6	28 Jan 2025						
07	R7	04 Feb 2025						

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THE TRUE CEILING IS AT 3730 MM
(12 ft 2 in)



SYMBOL	DESCRIPTION	QTY
	300MM CABLE TRAY FOR SERVER & DATA	RMTRS
	300MM CABLE TRAY FOR UPS & RAW	RMTRS

	REVISIONS	DATE	CLIENT	DRAWING TITLE				
03	R3	18 Sept 2024		IITM	OFFICE ELECTRICAL CABLE TRAY LAYOUT			
04	R4	27 Sept 2024	PROJECT COMMERCIAL		DATE	Drawing number:	Scale	
05	R5	12 Dec 2024		24th Feb ' 2025	GK-02/CQICC/GFC/ELE-09	1:200		
06	R6	28 Jan 2025						
07	R7	04 Feb 2025						



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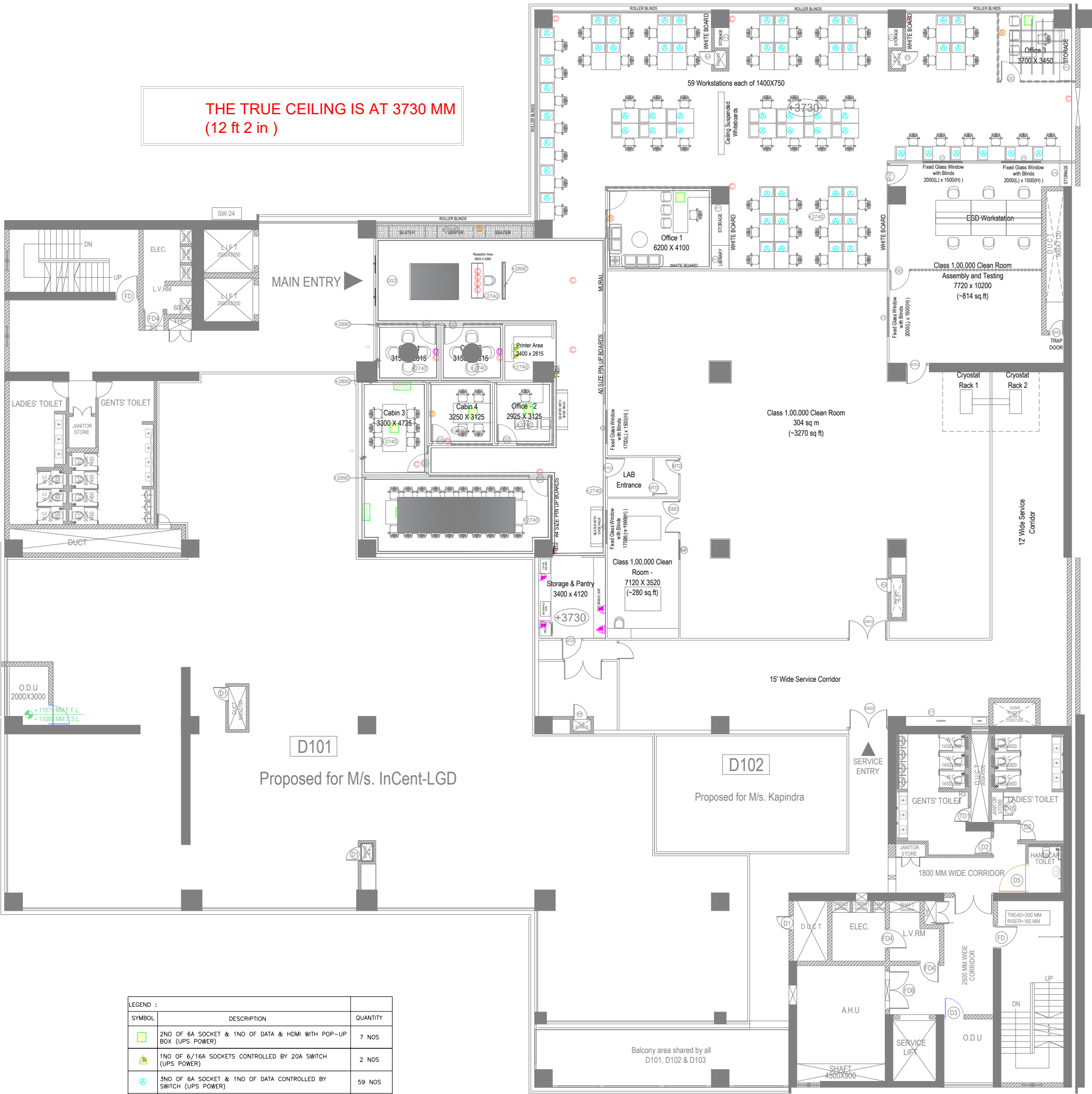
THE TRUE CEILING IS AT 3730 MM
(12 ft 2 in)



	REVISIONS	DATE	CLIENT IITM	DRAWING TITLE OFFICE ELECTRICAL LIGHTING LAYOUT					
03	R3	18 Sept 2024							
04	R4	27 Sept 2024							
05	R5	12 Dec 2024	PROJECT	DATE	Drawing number:	Scale			
06	R6	28 Jan 2025	COMMERCIAL	24th Feb ' 2025	GK-02/CQICC/GFC/ELE-10	1:200			
07	R7	04 Feb 2025							

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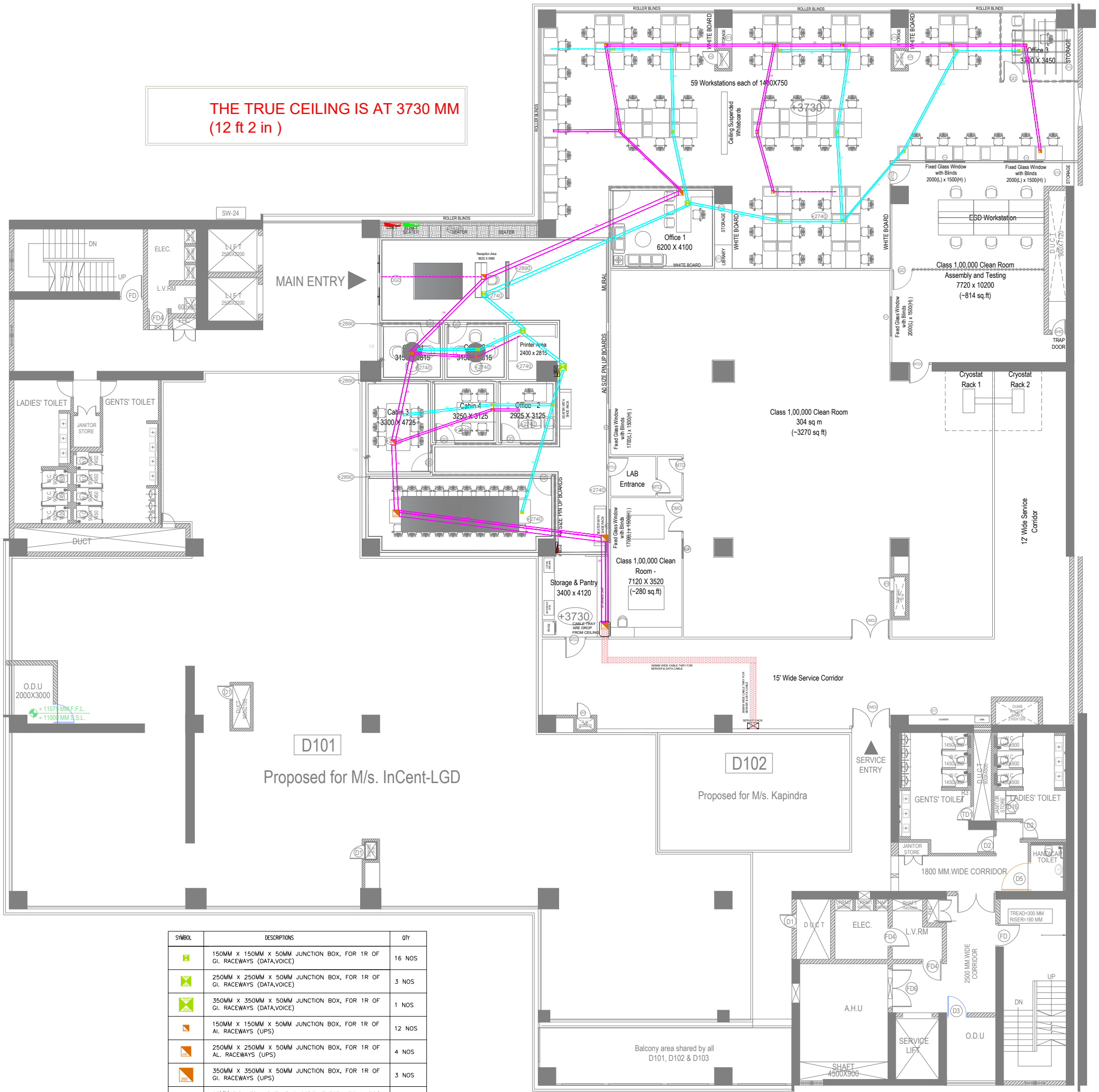


LEGEND :		
SYMBOL	DESCRIPTION	QUANTITY
	2NO OF 6A SOCKET & 1NO OF DATA & HDMI WITH POP-UP BOX (UPS POWER)	7 NOS
	1NO OF 6/16A SOCKETS CONTROLLED BY 20A SWITCH (UPS POWER)	2 NOS
	3NO OF 6A SOCKET & 1NO OF DATA CONTROLLED BY SWITCH (UPS POWER)	59 NOS
	2NO OF 6A SOCKET CONTROLLED BY 2NO OF 6A SWITCH (UPS POWER)	5 NOS
	1NO OF 6A SOCKET CONTROLLED BY 1NO OF 6A SWITCH (UPS POWER)	16 NOS
	1NO OF 6A SOCKET CONTROLLED BY 1NO OF 6A SWITCH (RAW POWER)	2 NOS
	2NO 16A SOCKET CONTROLLED BY 2NO 16A SWITCH (RAW POWER)	4 NOS
	INTERACTIVE BOARD 2NO OF 25A UPS SOCKET & 1NO OF DATA POINT	2 NOS
	UPS DISTRIBUTION BOARD	2 NOS
	POWER DISTRIBUTION BOARD	2 NOS

	REVISIONS		CLIENT IITM	DRAWING TITLE OFFICE ELECTRICAL POWER SOCKET LAYOUT				
03		R3 18 Sept 2024						
04	R4	27 Sept 2024	PROJECT COMMERCIAL	DATE	Drawing number:	Scale		
05		R5 12 Dec 2024		24th Feb ' 2025	GK-02/CQICC/GFC/ELE-11	1:200		
06		R6 28 Jan 2025						
07		R7 04 Feb 2025						

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THE TRUE CEILING IS AT 3730 MM
(12 ft 2 in)



SYMBOL	DESCRIPTIONS	QTY
	150MM x 150MM x 50MM JUNCTION BOX, FOR 1R OF GI. RACEWAYS (DATA,VOICE)	16 NOS
	250MM x 250MM x 50MM JUNCTION BOX, FOR 1R OF GI. RACEWAYS (DATA,VOICE)	3 NOS
	350MM x 350MM x 50MM JUNCTION BOX, FOR 1R OF GI. RACEWAYS (DATA,VOICE)	1 NOS
	150MM x 150MM x 50MM JUNCTION BOX, FOR 1R OF AL. RACEWAYS (UPS)	12 NOS
	250MM x 250MM x 50MM JUNCTION BOX, FOR 1R OF AL. RACEWAYS (UPS)	4 NOS
	350MM x 350MM x 50MM JUNCTION BOX, FOR 1R OF AL. RACEWAYS (UPS)	3 NOS
	25MM DIA HEAVY DUTY PVC CONDUIT FOR UPS & RAW POWER	RMTRS
	25MM DIA HEAVY DUTY PVC CONDUIT FOR DATA & VOICE	RMTRS
	100MM RACEWAY FOR SERVER AND DATA CABLE	RMTRS
	200MM RACEWAY FOR SERVER AND DATA CABLE	RMTRS
	100MM RACEWAY FOR UPS AND RAW POWER	RMTRS
	200MM RACEWAY FOR UPS AND RAW POWER	RMTRS
	300MM CABLE TRAY FOR SERVER & DATA	RMTRS

	REVISIONS	DATE	CLIENT	DRAWING TITLE				
03	R3	18 Sept 2024						
04	R4	27 Sept 2024	IITM	OFFICE ELECTRICAL POWER SOCKET CIRCUIT LAYOUT				
05	R5	12 Dec 2024						
06	R6	28 Jan 2025	PROJECT	DATE	Drawing number:	Scale		
07	R7	04 Feb 2025	COMMERCIAL	24th Feb ' 2025	GK-02/CQICC/GFC/ELE-12	1:200		



ALL DIMENSIONS ARE IN MILLIMETERS. ANY DEVIATIONS NECESSITATED DURING IMPLEMENTATION AT SITE IS TO BE BROUGHT TO IMMEDIATE NOTICE OF THE ISSUING AUTHORITY AND RATIFIED BEFORE IMPLEMENTING ANY CHANGE.

