Bharat Heavy Electricals Limited
(A Govt. Of India Undertaking)

Ref. Enquiry No.: PE/PG/PA1/E-6648/2021, dated 27.05.2021

Corrigendum-3

This is with reference to the tender for LIGHTING FIXTURES, LAMPS & MISC. ITEMS for 3x800 MW PVUNL PATRATU Project and following points to be noted:

1. Amendment to Technical Specification for Lighting Fixtures, Lamps and Miscellaneous items:
   a. In BoQ1, Item Sl. No. 12.24 (LED DRIVER), sub assembly item details added as per enclosure Annexure-A. Detailed price break up of these sub items of LED Driver shall be taken later on, however the total price of these sub items should be matching with your quoted price in BoQ1, Item Sl. No. 12.24 (LED DRIVER).
   b. Revised Sub Vendor list & Designer list added as per enclosure Annexure-B.
   c. Input drawings for Admin building, Canteen building, Auditorium & Service Building added as per enclosure Annexure-C.
   d. Technical Specification for Lighting Fixtures, Lamps and Miscellaneous items clause no. 8. (a) & (c) and 12.4 revised.

2. NIT Clause number 16 for Quantity Variation (page no 04 of 07) shall be read as "The variation on overall package value due to changes in the scope shall as per clause no. 6.0 of GCTC of GCC (Rev. 07)".

Offer may please be submitted considering above points as per given schedule.

Regards

KINGSHUK KUMAR DAS
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(Kingshuk Kumar Das)
Manager/PG-III/PEM

Y K Singh
Engineer/PG-III, BHEL/PS-Project Engineering Management,
Power Project Engineering Institute,
Plot no. 25, Sector – 16A, Noida (UP) 201301, INDIA
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AMENDMENT TO TECHNICAL SPECIFICATION FOR LIGHTING FIXTURES, LAMPS AND MISCELLANEOUS ITEMS SYSTEM FOR 3X800 MW PATRATU TPS	SPECIFICATION NO.: PE-TS-434-558-E006	
	AMENDMENT NO # 1	
	REV. NO. 00	DATE: 16/06/2021
	Page **1** of **2**	

MODIFIED CLAUSES AS BELOW.

SI no.	Vol. No.	Section/ Description	Clause no	Page no	Existing clause/details	Modified Clause
1		BOQ cum Unpriced Schedule(E&C Spares)	S.No 24		Total quantity of LED driver	Breakup of LED driver against each fixture attached as Annexure-A
2		Sub Vendor List		Pg 55 of 178 & Pg 62 of 178 (Tech Spec)	Junction boxes/ Link boxes/ Test link box etc. sub-suppliers : Main contractor approved sources with galvanization of approved NTPC sources	Updated Sub-vendor list & Designer list is attached as Annexure-B
3		BOQ cum Price Schedule	S.No. 11		Lighting control systems in various areas	Input drawings of following areas are attached as Annexure –C. 1. Admin building 2. Canteen building 3. Auditorium 4. Service building
4		Section-I	8.1 (a) & (c)	Pg 21 & 22 of 178 (Tech Spec)	(a)The bidder shall indicate the charges for each of these type tests separately in the relevant price schedule of bid document and the same shall be considered for the evaluation of bids. The type test charges shall be paid only for the test(s) actually conducted successfully under this contract and upon certification by the employer's engineer. (c)In case type tests are waived, the type test charges shall not be payable to the contractor.	These clauses shall be ignored & following to be considered: Bidder to submit valid type test report as per spec. However, if the contractor is not able to submit report of the type test(s) conducted within last ten years from the date of bid opening: 08.09.2018, or in case of type test report(s) are not found to be meeting the specification requirements, the contractor shall conduct all such tests under this contract at no additional cost

						to the owner either at third party lab or in presence of client /owners representative and submit the reports for approval.
5	Volume-II	Section-II	Cl No 12.4	Sh 156 of 178	**AS BUILT DRAWINGS** a) Preparation of as-built drawings shall be in the scope of vendor. b) The as-built drawings shall be prepared on the basis of marked up copies received from the erection contractor. c) Entire work of as-built drawings shall be to the satisfaction of purchaser.	Preparation of as-built drawings shall be in BHEL Scope. However, vendor shall be furnishing the Final Auto Cad dwgs to BHEL.

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[Dealing Engineer]

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Sandeep Lodh
[Section Head]

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Debasisa Rath
[DH-Electrical]

Project: 3X800MW PATRATU TPS
Corrigenda Annexure-A

SR. No.	ITEM DESCRIPTION	UOM	Total Quantity	LED DRIVER Quantity	Unit-1	Unit-2	Unit-3
1	Luminaire Type FC02 (LED)	**Nos.**	772	2	1	1	0
2	Luminaire Type FC06 (LED)	Nos.	3290	3	1	1	1
3	Luminaire Type FC07 (LED)-DC	Nos.	310	2	1	0	1
4	Luminaire Type FC30 (LED)	Nos.	2251	2	1	0	1
5	Luminaire Type FC32 (LED)	Nos.	201	1	0	0	1
6	Luminaire Type FC33 (LED)-DC	Nos.	328	2	1	1	0
7	Luminaire Type FC34 (LED)-DC	Nos.	1205	3	1	1	1
8	Luminaire Type FC81 (LED)	Nos.	562	2	1	0	1
9	Luminaire Type SB11 (LED)	Nos.	348	2	1	1	0
10	Luminaire Type SB02 (LED)	Nos.	830	2	1	1	0
11	Luminaire Type SB03 (LED)	Nos.	263	2	1	1	0
12	Luminaire Type SF63 (LED)	Nos.	454	2	1	1	0
13	Luminaire Type SF64 (LED)	Nos.	165	1	0	0	1
14	Luminaire Type SS62 (LED)	Nos.	928	2	1	1	0
15	Luminaire Type SS63 (LED)	Nos.	875	2	1	1	0
16	Luminaire Type SW41 (LED)	Nos.	20763	7	3	2	2
17	Luminaire Type SW42 (LED)	Nos.	3851	3	1	1	1
18	Luminaire Type MW96 (LED)	Nos.	453	2	1	0	1
19	Luminaire Type MW98 (LED)	Nos.	18	1	0	0	1
20	Downlighter LED (18 W = 6x3W)	Nos.	328	2	1	1	0
21	Luminaire Type FC30 (LED) with Dimmable ballast	Nos.	172	1	0	0	1
22	Downlighter LED (18 W = 6x3W) Dimmable	Nos.	1261	2	1	0	1
23	Cove Light LED	Nos.	530	2	0	1	1
	TOTAL			50	20	15	15

Project: 3X800MW PATRATU TPS
Corrigenda Annexure-B

ITEM CODE	ITEM/SERVICE DESCRIPTIO	SL NO.	VENDOR CODE	VENDOR NAME	ADDRESS	PHONE	REMARKS
ES10	CABLE CLAMPS & CABLE TIES	1	E1045	ELECTROMAC IND.CORPN.	27/28 AF,NEW EMPIRE IND.ESTT., R.KRISHNA MANDIR RD.JB NGR ,ANDHERI(E), MUMBAI-400059	91-22-28324829 / 66919034/ Mr. Devang Patel/ 91-9867074600 devang@electromacglands.com	
	CABLE CLAMPS & CABLE TIES	2	I01	INCAB	HARE STREET,KOLKATA,WEST BENGAL-700001	91-33-2480161/62/63/64 Fax : 91-33-2485766	
	CABLE CLAMPS & CABLE TIES	3	N05	NOVOFLEX MARKETING PVT. LTD.	RAIKVA' - 5TH FLOOR, UNIT-6 3A, RAM MOHAN MULLICK GARDEN LANE KOLKATA - 700 010	Phone: +91 33 2372 0088 Email: sales@novoflex.co.in, novoflex cal@vsnl.net	
ES11	CABLE GLANDS	1	E1201	ALLIED TRADERS & EXPORTERS	C-124 A, SECTOR-2, NOIDA -201 301, UTTAR PRADESH, INDIA	Mr. Vijay Mohan Sood +(91)-(120)-2525694 +(91)-(120)-3052594 +(91)-(11)-23287156 vijay_mohansood@yahoo.com	
	CABLE GLANDS	2	E1017	ARUP ENGG & FOUNDARY WORKS	391/119,PRINCE ANWAR SHAH ROAD, CALCUTTA-700068	033 2473 0850	
	CABLE GLANDS	3	E1206	BALIGA LIGHTING EQPT.PVT.LTD.	63A,CP RAMASWAMY ROAD, ALWARPET,P.B.No 6910, CHENNAI-600018	44-24995505,22680990-4	
	CABLE GLANDS	4	E1036	COMMET BRASS PRODUCTS	NUTAN CHEMICAL COMPOUND, WALBHAT ROAD, GOREGAON, MUMBAI-400063	91-022-26852961/62/63 comet@vsnl.net	
	CABLE GLANDS	5	DW08	DOWELLS	M/S. DOWELLS ELECTRICALS 47/47A, SATGURU INDUSTRIAL ESTATE. OFF AAREY ROAD, GOREGOAN (EAST). MUMBAI 400 063.	CEO : Mr. Jayantibhai S. Patel TEL: 022-32504770./022-29270876/ 022-29270878.	
	CABLE GLANDS	6	E1044	ELECTROMAC INDUSTRIES	27/28AF NEW EMPIRE IND.ESTT., R.KRISHNA MANDIR RD.JB NGR ,ANDHERI(E),MUMBAI-400059	91-22-28324829 / 66919034 devang@electromacglands.com	
	CABLE GLANDS	7	I01	INCAB	HARE STREET,KOLKATA,WEST BENGAL-700001	91-33-2480161/62/63/64 Fax : 91-33-2485766	
	CABLE LUGS	1	E1040	DOWELLS	M/S. DOWELLS ELECTRICALS 47/47A, SATGURU INDUSTRIAL ESTATE. OFF AAREY ROAD, GOREGOAN (EAST).	CEO : Mr. Jayantibhai S. Patel TEL: 022-32504770./022-29270876/ 022-29270878.	

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ITEM CODE	ITEM/SERVICE DESCRIPTIO	SL NO.	VENDOR CODE	VENDOR NAME	ADDRESS	PHONE	REMARKS
ES12	CABLE LUGS	2	E1149	UNIVERSAL MACHINES LTD.	4,B.B.D.BAG (EAST) 90,STEPHEN HOUSE,5TH FLR CALCUTTA-700001	033 2282 2540	
ES16	GI CONDUITS	BIS APPROVED MAKE					
ES17	GI CONDUIT (EPOXY PAINTED)	BIS APPROVED MAKE					
ES18	FLEXIBLE CONDUITS (LEAD COATED)	1	P03	PLICA INDIA PVT. LTD.	V.P.AGARWAL MANAGING DIRECTOR, PLICA INDIA PVT. LTD. 149, MODEL TOWN EAST GHAZIABAD - 201009	M - 9810052131 / 0120-4563979 / 9810557567 Mail: agr@plicaindia.com	
ES19	FLEXIBLE CONDUIT (PVC COATED)	REPUTED MAKE					
ES28	FUSE BASE	1	E1068	INDO ASIAN	B-24, PHASE - II , NOIDA - 201305, U.P.	120-3042222	
	FUSE BASE	2	G01	GE-POWER	KAMAK TOWER, 3RD FLOOR, PLOT NO. 12-A, TVK INDUSTRIAL ESTATE, EKKADUTHANGAL, GUINDY, CHENNAI-600032	044-49681447	
	FUSE BASE	3	L01	L&T	32, SHIVAJI MARG, P.O. BOX- 6223, NEW DELHI-110015	011-41419554/59	
	FUSE BASE	4	C01	C&S ELECTRIC LTD.	222, OKHLA IND. ESTATE, PH-III, NEW DELHI-110020	011-3088 7520-29	
	FUSE BASE	5	S01	SIEMENS	RC-IN I S NR DEL AREA, JIL BUILDING, TOWER-B, PLOT NO. 78, SECTOR 18, GURGAON-122015, INDIA	0124-2842000, 9873424331 ;amit.bhadauria@siemens.com	
	FUSE BASE	6	A24	ABB	14, MATHURA ROAD, FARIDABAD, HARYANA 121003	0129-2567580, 09871799449	
	FUSE BASE	7	S02	SPACEAGE SWITCHGEARS LTD.	68 & 13-A INDUSTRIAL DEVELOPMENT COLONY, MEHRAULI ROAD GURGAON, HARYANA-122001	0124-2302711, 4085091	
	FUSE BASE	8	S03	SCHNEIDER ELECTRIC INDIA PVT. LTD.	9TH FLOOR, BLDG. NO. 10, TOWER-C, DLF CYBER CITY, PH-II, GURGAON-122002	0124-3940400	

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ITEM CODE	ITEM/SERVICE DESCRIPTIO	SL NO.	VENDOR CODE	VENDOR NAME	ADDRESS	PHONE	REMARKS
	FUSE BASE	9	G01	ALSTOM LTD	A-7, SEC-65, NOIDA	0120-479 0000	
	FUSE BASE	10	E1050	ESSEN DEINKI	FLAT NO. 502, SKYLINE HOUSE 85, NEHRU PLACE NEW DELHI	011-26217060	
ES29	HRC FUSES	1	E1068	INDO ASIAN	B-24, PHASE - II , NOIDA - 201305, U.P.	120-3042222	
	HRC FUSES	2	G01	GE-POWER	KAMAK TOWER, 3RD FLOOR, PLOT NO. 12-A, TVK INDUSTRIAL ESTATE, EKKADUTHANGAL, GUINDY, CHENNAI-600032	044-49681447	
	HRC FUSES	3	L01	L&T	32, SHIVAJI MARG, P.O. BOX- 6223, NEW DELHI-110015	011-41419554/59	
	HRC FUSES	4	C01	C&S ELECTRIC LTD.	222, OKHLA IND. ESTATE, PH-III, NEW DELHI-110020	011-3088 7520-29	
	HRC FUSES	5	S01	SIEMENS	RC-IN I S NR DEL AREA, JIL BUILDING, TOWER-B, PLOT NO. 78, SECTOR 18, GURGAON-122015, INDIA	0124-2842000, 9873424331 ;amit.bhadauria@siemens.com	
	HRC FUSES	6	A24	ABB	14, MATHURA ROAD, FARIDABAD, HARYANA 121003	0129-2567580, 09871799449	
	HRC FUSES	7	S02	SPACEAGE SWITCHGEARS LTD.	68 & 13-A INDUSTRIAL DEVELOPMENT COLONY, MEHRAULI ROAD GURGAON, HARYANA-122001	0124-2302711, 4085091	
	HRC FUSES	8	S03	SCHNEIDER ELECTRIC INDIA PVT. LTD.	9TH FLOOR, BLDG. NO. 10, TOWER-C, DLF CYBER CITY, PH-II, GURGAON-122002	0124-3940400	
	HRC FUSES	9	G01	ALSTOM LTD	A-7, SEC-65, NOIDA	0120-479 0000	
	HRC FUSES	10	E1050	ESSEN DEINKI	FLAT NO. 502, SKYLINE HOUSE 85, NEHRU PLACE NEW DELHI	011-26217060	
ES33	IND.POWER & WLDG SOCKETS	1	C02	CROMPTON GREAVES	3RD FLOOR, EXPRESS BUILDING,9-10, BAHADUR SHAH ZAFAR MARG, NEAR ITO CROSSING,NEW DELHI-110002, INDIA	91 11 23460700 - 999 'Sunil.Das@cgglobal.com	
	IND.POWER & WLDG SOCKETS	2	E1207	CYCLO ELECTRIC DEVICE & SERV.CO.	: A-3, NEAR ANTHEM BIOSCIENCE, KSSIDC INDUSTRIAL AREA, BOMMASANDRA, BOMMASANDRA INDUSTRIAL AREA, BANGALORE, KARNATAKA 560099	Mr. H.Jaishanker +919845039081, 080 - 27833102 , 080 - 27833103 : +91 80 41460985 'cycloelectric@gmail.com	
	IND.POWER & WLDG SOCKETS	3	B04	BCH	20/4, MATHURA ROAD, FARIDABAD - 121006, HARYANA, INDIA	0(129)-4063000, 9015800189(Ramesh Giri) 'ramesh.giri@bchindia.com	
	IND.POWER & WLDG SOCKETS	4	B02	BEST & CROMPTON	Best & Crompton Engineering Ltd 28C, Ambattur Industrial Estate (North)	Mr. VI Raj:- 9840593411 'bestcromptonviraj@gmail.com	BEST & CROMPTON
	IND.POWER & WLDG SOCKETS	5	A03	AJMERA INDUSTRIES & ENGG. WORKS	AJMERA INDL. AND ENGG. WORKS. AJMERA HOUSE, A-61 / KHAIRANE MIDC. , TTC INDL. AREA, NAVI MUMBAI – 400705.	Tel : 022 27620299 / 97 / 96 'mail@ajmera.net	

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ITEM CODE	ITEM/SERVICE DESCRIPTIO	SL NO.	VENDOR CODE	VENDOR NAME	ADDRESS	PHONE	REMARKS
ES35	INDICATING LAMPS	1	B04	BCH	20/4, MATHURA ROAD, FARIDABAD, HARYANA-121006	0129-4293000	
	INDICATING LAMPS	2	C01	C&S ELECTRIC LTD.	222, OKHLA IND. ESTATE, PH-III, NEW DELHI-110020	6832259,6918834-37	
	INDICATING LAMPS	3	E1050	ESSEN DEINKI	FLAT NO. 502, SKYLINE HOUSE 85, NEHRU PLACE NEW DELHI	011-26217060	
	INDICATING LAMPS	4	E1153	VAISHNO(HOTLINE SWGR.& CONTROL)	G-19, SECTOR - 11, NOIDA - 201301, UTTAR PRADESH, INDIA	8377805157 9818338922	
	INDICATING LAMPS	5	A35	GE-POWER	KAMAK TOWER, 3RD FLOOR, PLOT NO. 12-A, TVK INDUSTRIAL ESTATE, EKKADUTHANGAL, GUINDY, CHENNAI-600032	9818338922	
	INDICATING LAMPS	6	S01	SIEMENS	RC-IN I S NR DEL AREA, JIL BUILDING, TOWER-B, PLOT NO. 78, SECTOR 18, GURGAON-122015, INDIA	0124-2842000, 9873424331 amit.bhadauria@siemens.com	
	INDICATING LAMPS	7	S03	SCHNEIDER ELECTRIC INDIA PVT. LTD.	9TH FLOOR, BLDG. NO. 10, TOWER-C, DLF CYBER CITY, PH-II, GURGAON-122002	0124-3940400	
	JUNCTION BOXES (NON FLAME PROOF)	1	J01	JASPER ENGNIREES PVT. LTD.	A-23, SECTOR - 8, NOIDA-201301	0120-4033520/533	
	JUNCTION BOXES (NON FLAME PROOF)	2	EC05	Electro Controls & Devices	M/S ELECTRO CONTROLS & DEVICES, F-41, SITE-C, SURAJPUR INDUSTRIAL AREA GREATER NOIDA, UTTAR PRADESH :201308	Mr. Sanjay Sharma (Chief Promoter) 0120-2569487, 2560100,2560300	
	JUNCTION BOXES (NON FLAME PROOF)	3	SRC01	M/s Shrenik & Co.	39A/3, PANCHRATNA INDUSTRIAL ESTATE, SARKHEJ-BAVLA ROAD, CHANGODAR, AHMEDABAD – 382 213	020-026708100	
	JUNCTION BOXES (NON FLAME PROOF)	4	PME-01	M/s PHOENIX MECANO LTD.,	388 BHARE, TALUKA MULSHI, POST GHOTAWADE, PIRANGOOT, INDUSTRIAL AREA, PUNE-412115	TEL.- +912066745000 Awasthi(09971119006) Tel: ++91 20 6674 5103, Mobile: +91 90499 95985, Fax: ++91 20 6674 5126 contact person : Vishwa bandhu	
	JUNCTION BOXES (NON FLAME PROOF)	5	ACE01	Adroit Control Engineers Pvt.Ltd.	M/S ADROIT CONTROL ENGINEERS PVT.LTD. PLOT-3, KRISHNA INDL. AREA, SECTOR-25 FARIDABAD – 121004	011-47600700, 0129-4251400	

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ITEM CODE	ITEM/SERVICE DESCRIPTIO	SL NO.	VENDOR CODE	VENDOR NAME	ADDRESS	PHONE	REMARKS
ES36	JUNCTION BOXES (NON FLAME PROOF)	6	PME-01	M/s PHOENIX MECANO LTD.,	388 BHARE, TALUKA MULSHI, POST GHOTAWADE, PIRANGOOT, INDUSTRIAL AREA, PUNE-412115	Awasthi(09971119006) Tel: ++91 20 6674 5103, Mobile: +91 90499 95985, Fax: ++91 20 6674 5126 contact person : Vishwa bandhu E-mail:d.gupta@pmipl-online.com ;admin@pmipl-online.com	
	JUNCTION BOXES (NON FLAME PROOF)	7	MK01	MIKA ENGINEERS	BRANCH OFFICE : 'D'-101, DHEERAJ HERITAGE RESIDENCY II, SHASTRI NAGAR, SANTACRUZ (W), MUMBAI 400 054.	Director : Mr. Asgar Karimi Email: asgar@mikaengineers.com E-mail : mika@mtnl.net.inTelfax : 022-26610081/82/83/84Tel : 02527-249066/70 Cell : 099230 74373	TYPE-S ONLY
	JUNCTION BOXES (NON FLAME PROOF)	8	PME-01	M/s PHOENIX MECANO LTD.,	388 BHARE, TALUKA MULSHI, POST GHOTAWADE, PIRANGOOT, INDUSTRIAL AREA, PUNE-412115	TEL.- +912066745000 Awasthi(09971119006) Tel: ++91 20 6674 5103, Mobile: +91 90499 95985, Fax: ++91 20 6674 5126 contact person : Vishwa bandhu E-mail:d.gupta@pmipl-online.com ;admin@pmipl-online.com	
	JUNCTION BOXES (NON FLAME PROOF)	9	B05	BAJAJ ELECTRICALS	BAJAJ ELECTRICALS LTD. ENGINEERING & PROJECTS BU (NORTH) 3rd FLOOR, GULMOHARHOUSE, COMMUNITY CENTRE 161/B-4, GAUTAM NAGAR, YUSUF SARAI NEW DELHI – 110049	CONTACT PERSON : Mr. S. SREEMANY. SR. MANAGER (PROJECTS) CONTACT DETAILS : (+91) 9871025705. MAIL ID : srabans@bajajelectricals.com;	
	JUNCTION BOXES (NON FLAME PROOF)	10	A03	AJMERA INDUSTRIES & ENGG. WORKS	AJMERA INDL. AND ENGG. WORKS. AJMERA HOUSE, A-61 / KHAIRANE MIDC. , TTC INDL. AREA, NAVI MUMBAI – 400705.	Tel : 022 27620299 / 97 / 96 'mail@ajmera.net	
	JUNCTION BOXES (NON FLAME PROOF)	11	SB02	S.B. ELECTRICAL ENGINEERING CORPORATION	03, SARDAR GRIHA BUILDING, LOHAR CHAWAL, MUMBAI-400002	022- 22069831; 022-66637259	
	JUNCTION BOXES (NON FLAME PROOF)	12	RT13	RITTAL INDIA PVT. LTD.	Espire Building ,Level -1 A-41, Mohan Co-Operative Industrial Estate ,Mathura Road, New Delhi -110044	Amit Bansal Phone: 011-42004000, D: 011-42004033 · Mobile: +91 9717772245 · mailto:amit.b@rittal-india.com www.rittal-india.com	

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ITEM CODE	ITEM/SERVICE DESCRIPTIO	SL NO.	VENDOR CODE	VENDOR NAME	ADDRESS	PHONE	REMARKS
	JUNCTION BOXES (NON FLAME PROOF)	13	HP08	HPL ELECTRIC AND POWER LTD.	Works Address: Village Shavella, PO:Jabli, Teh-Kasauli, Dist-Solan, Himachal Pradesh-173209	Mr. Ashwani Kumar mailto:'ashwani@hplindia.com' M:9971127370	
ES37	JUNCTION BOXES (FLAME PROOF)	1	SS01	SUDHIR SWITCHGEAR	305/6, APEEJAY HOUSE, 130, BOMBAY SAMACHAR MARG, MUMBAI - 400 023. INDIA	Telephone Nos. : 40460000 (100 lines) Fax Nos. : ++-91-22-22049381 Email : md@sudhirswitchgears.com ; works@sudhirswitchgears.com ;scud@vsnl.com	
	LIGHTING FIXTURES (LED)	1	NE01	Neev Luminaries	B-6/3 Okhla Industrial Area | Phase-2| New Delhi | 110020	Phone: 011 40604830-31, M:8826995888 Fax: +91 11 4060 4831 info@neevenergy.in, Jitendra Sahu <jsahu@neevenergy.com>	
	LIGHTING FIXTURES (LED)	2	HI01	HAVELLS INDIA LIMITED	QRG TOWERS , 2D SECTOR-126, NOIDA-201301	GIRISH KUMAR SHRIVASTAVA +91-9810528922, girish.srivastava@havells.com\	
	LIGHTING FIXTURES (LED)	3	B05	BAJAJ ELECTRICALS	BAJAJ ELECTRICALS LTD. ENGINEERING & PROJECTS BU (NORTH) 3rd FLOOR, GULMOHARHOUSE, COMMUNITY CENTRE 161/B-4, GAUTAM NAGAR, YUSUF SARAI NEW DELHI – 110049	CONTACT PERSON : Mr. S. SREEMANY. SR. MANAGER (PROJECTS) CONTACT DETAILS : (+91) 9871025705. MAIL ID : srabans@bajajelectricals.com;	
	LIGHTING FIXTURES (LED)	4	SR01	SURYA ROSHNI LIMITED	1	011-25810093 ; 9810071832 (Akhilesh Agrawal) aagrawal@sroshni.com	
	LIGHTING FIXTURES (LED)	5	P01	PHILIPS	9TH FLOOR,DLF 9B, DLF CYBER CITY, DLF PHASE-III,GURGAON-122002	01244606001, Sharad (+919871150447), Mr. Guruseelan M 8939693949, Mr Ashish Sethi 9007077089	
	LIGHTING FIXTURES (LED)	6	HP01	M/S HPL ELECTRIC & POWER PVT. LTD	M/S HPL ELECTRIC & POWER PVT. LTD. PLOT NO. 76-B,PHASE-IV, SEC-57, HSIIDC, INDL. AREA , KUNDLI, DIST.- SONEPAT (HARYANA) - 131028	mohitsharma@hplindia.com, Mr. Nitesh Verma 8851036938, Mr Ajay lakra 9560045423	
	LIGHTING FIXTURES (LED)	7	INS1	INSTA POWER	PLOT NO. - 457 PHASE - V, UDYOG VIHAR, GURGAON - 122016	124-4124000, Mr amit Bhardwar: 8800508090	

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ITEM CODE	ITEM/SERVICE DESCRIPTIO	SL NO.	VENDOR CODE	VENDOR NAME	ADDRESS	PHONE	REMARKS
ES40	LIGHTING FIXTURES (LED)	8	PT13	Pyrotech Electronics Pvt. Ltd.	M/s Pyrotech Electronics Pvt. Ltd(Unit -1) Led Light, Sensor Division F-16A, Road No.3 Mewar Industrial Area, Madri Udaipur -313003, Rajasthan,	Concern Person – Mr. Praveen sisodiya : 9314310042(psisodia@pyrotechlighting.com) Ms Ritika 9509245814	
	LIGHTING FIXTURES (LED)	9	HN13	M/s Halonix Technologies Limited	M/s Halonix Technologies Limited B-31 , Phase –II, Noida Distt. Gautam Budh Nagar (U.P.) Pin- 201305	Mr. Mohit Gautam ' 'Tel: +919568152111 'mohit.gautam@halonix.co.in'; M: 9891868793'rahul.singh@halonix.co.in'	
	LIGHTING FIXTURES (LED)	10	JA13	M/s JAQUAR & COMPANY PVT. LTD.	M/s JAQUAR & COMPANY PVT. LTD. Plot No.3 , Sector M-11, IMT Manesar. Gurgaon· 122050 Haryana	Mr. Dhruv Kumar ' 'Tel: +919350043727 dhruv.kumar@jaquar.com ; gaurav.bhalla@jaquar.com : 9582950282	
	LIGHTING FIXTURES (LED)	11	CR13	M/s CROMPTON GREAVES CONSUMER ELECTRICALS LTD.	M/s CROMPTON GREAVES CONSUMER ELECTRICALS LTD.Tower-3, 1st Floor, East Wing Equinox Business Park LBS Marg, Kurla (West), Mumbai-400070	Mr S L Sivakumar 'Sivakumar L' <sivakumar.sl@crompton.co.in> M: 9176609363	
	LIGHTING FIXTURES (LED)	12	WI13	M/s WIPRO ENTERPRISES PRIVATE LTD.	M/s WIPRO ENTERPRISES PRIVATE LTD. L-8, MIDC Waluj, Aurangabad-431136, Maharashtra, India	Ms Dhanya K K 'dhanya.kk8@wipro.com' M 9891815476, Mr Puneet kalia 'puneet.kalia@wipro.com'	
ES41	LIGHTING FIXTURES (FLAME PROOF)	1	HI01	HAVELLS INDIA LIMITED	QRG TOWERS , 2D SECTOR-126, NOIDA-201301	GIRISH KUMAR SHRIVASTAVA +91-9810528922	
	LIGHTING FIXTURES (FLAME PROOF)	2	B05	BAJAJ ELECTRICALS	BAJAJ ELECTRICALS LTD. ENGINEERING & PROJECTS BU (NORTH) 3rd FLOOR, GULMOHARHOUSE, COMMUNITY CENTRE 161/B-4, GAUTAM NAGAR, YUSUF SARAI NEW DELHI – 110049	CONTACT PERSON : Mr. S. SREEMANY. SR. MANAGER (PROJECTS) CONTACT DETAILS : (+91) 9871025705. MAIL ID : srabans@bajajelectricals.com;	

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ITEM CODE	ITEM/SERVICE DESCRIPTIO	SL NO.	VENDOR CODE	VENDOR NAME	ADDRESS	PHONE	REMARKS
	LIGHTING FIXTURES (FLAME PROOF)	3	E1206	BALIGA ELECTRICALS	63A,CP RAMASWAMY ROAD, PB NO 6910, CHENNAI-600018	44-24995505,22680990-4	
ES45	LIGHTING SWITCH , SOCKET & S/F UNIT	1	F04	ELEXPRO ELECTRICALS PVT/ LTD.	C 1/27 & 37 GIDC KABILPORE NAVSARI-396424	02637-265140, Mr. Jssk kumar	
	LIGHTING SWITCH , SOCKET & S/F UNIT	2	E1012	ANCHOR	STEEL HOUSE, B WING, PLOT NO. 24, MAHAL INDUSTRIAL ESTATE, MAHAKALI CAVES ROAD, NEAR PAPER BOX, ANDHERI (E), MUMBAI, MAHARASHTRA.- 400093	022-30418888.	
	LIGHTING SWITCH , SOCKET & S/F UNIT	3	E1076	KAYCEE	KAYCEE INDUSTRIES LTD., C/O-CMS COMPUTERS LTD., 35A, REAR BLDG., KILOKARI, NEW DELH1-110014	Rajiv Sharma-9312004687	
	LIGHTING SWITCH , SOCKET & S/F UNIT	4	L01	L&T	32, SHIVAJI MARG, P.O. BOX- 6223, NEW DELHI-110015	011-41419554/59	
	LIGHTING SWITCH , SOCKET & S/F UNIT	5	S01	SIEMENS	RC-IN I S NR DEL AREA, JIL BUILDING, TOWER-B, PLOT NO. 78, SECTOR 18, GURGAON-122015, INDIA	0124-2842000, 9873424331 amit.bhadauria@siemens.com	
	LIGHTING SWITCH , SOCKET & S/F UNIT	6	E1068	INDO ASIAN	B-24, PHASE - II , NOIDA - 201305, U.P.	120-3042222	
ES59	RECEPTACLES - DECORATIVE	1	E1012	ANCHOR	STEEL HOUSE, B WING, PLOT NO. 24, MAHAL INDUSTRIAL ESTATE, MAHAKALI CAVES ROAD, NEAR PAPER BOX, ANDHERI (E), MUMBAI, MAHARASHTRA.- 400093	022-30418888.	
	RECEPTACLES - DECORATIVE	2	F04	ELEXPRO ELECTRICALS PVT/ LTD.	C 1/27 & 37 GIDC KABILPORE NAVSARI-396424	02637-265140, Mr. Jssk kumar	
	RECEPTACLES - DECORATIVE	3	B05	BAJAJ ELECTRICALS	BAJAJ ELECTRICALS LTD. ENGINEERING & PROJECTS BU (NORTH) 3rd FLOOR, GULMOHARHOUSE, COMMUNITY CENTRE 161/B-4, GAUTAM NAGAR, YUSUF SARAI NEW DELHI – 110049	CONTACT PERSON : Mr. S. SREEMANY. SR. MANAGER (PROJECTS) CONTACT DETAILS : (+91) 9871025705. MAIL ID : srabans@bajajelectricals.com;	
	RECEPTACLES - DECORATIVE	4	A03	AJMERA INDUSTRIES & ENGG. WORKS	AJMERA INDL. AND ENGG. WORKS. AJMERA HOUSE, A-61 / KHAIRANE MIDC. , TTC INDL. AREA, NAVI MUMBAI – 400705.	Tel : 022 27620299 / 97 / 96 'mail@ajmera.net	
	SWITCH BOX	1	E1012	ANCHOR	STEEL HOUSE, B WING, PLOT NO. 24, MAHAL INDUSTRIAL ESTATE, MAHAKALI CAVES ROAD, NEAR PAPER BOX, ANDHERI (E), MUMBAI, MAHARASHTRA.- 400093	022-30418888.	
	SWITCH BOX	2	F04	ELEXPRO ELECTRICALS PVT/ LTD.	C 1/27 & 37 GIDC KABILPORE NAVSARI-396424	02637-265140, Mr. Jssk kumar	

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ITEM CODE	ITEM/SERVICE DESCRIPTIO	SL NO.	VENDOR CODE	VENDOR NAME	ADDRESS	PHONE	REMARKS
ES61	SWITCH BOX	3	B05	BAJAJ ELECTRICALS	BAJAJ ELECTRICALS LTD. ENGINEERING & PROJECTS BU (NORTH) 3rd FLOOR, GULMOHARHOUSE, COMMUNITY CENTRE 161/B-4, GAUTAM NAGAR, YUSUF SARAI NEW DELHI – 110049	CONTACT PERSON : Mr. S. SREEMANY. SR. MANAGER (PROJECTS) CONTACT DETAILS : (+91) 9871025705. MAIL ID : srabans@bajajelectricals.com;	
	SWITCH BOX	4	A03	AJMERA INDUSTRIES & ENGG. WORKS	AJMERA INDL. AND ENGG. WORKS. AJMERA HOUSE, A-61 / KHAIRANE MIDC. , TTC INDL. AREA, NAVI MUMBAI – 400705.	Tel : 022 27620299 / 97 / 96 'mail@ajmera.net	
	SWITCH BOX	5	SB02	S.B. ELECTRICAL ENGINEERING CORPORATION	03, SARDAR GRIHA BUILDING, LOHAR CHAWAL, MUMBAI-400002	022- 22069831; 022-66637259	
ES67	RECEPTACLE (FLAME PROOF)	1	E1206	BALIGA ELECTRICALS	63A,CP RAMASWAMY ROAD, PB NO 6910, CHENNAI-600018	44-24995505,22680990-4	
	RECEPTACLE (FLAME PROOF)	2	SS01	SUDHIR SWITCHGEAR	305/6, APEEJAY HOUSE, 130, BOMBAY SAMACHAR MARG, MUMBAI - 400 023. INDIA	Telephone Nos. : 40460000 (100 lines) Fax Nos. : ++-91-22-22049381 Email : md@sudhirswitchgears.com ; works@sudhirswitchgears.com ; scud@vsnl.com	
	RECEPTACLE (FLAME PROOF)	3	FFP01	FCG FLAME PROOF CONTROL GEAR	A1/53, SHAH & NAHAR INDUSTRIAL ESTATE, SITARAM JADHAV ROAD, LOWER PAREL (W), MUMBAI-400 013	Mr. N. G. Patel CMD Office No: +91-22-43443200 Fax No: +91-22-24960313	
ES68	RECEPTACLE (NON FLAME PROOF)	1	A03	AJMERA INDUSTRIES & ENGG. WORKS	AJMERA INDL. AND ENGG. WORKS. AJMERA HOUSE, A-61 / KHAIRANE MIDC. , TTC INDL. AREA, NAVI MUMBAI – 400705.	Tel : 022 27620299 / 97 / 96 'mail@ajmera.net	
	RECEPTACLE (NON FLAME PROOF)	2	C02	CROMPTON GREAVES	3RD FLOOR, EXPRESS BUILDING,9-10, BAHADUR SHAH ZAFAR MARG, NEAR ITO CROSSING,NEW DELHI-110002, INDIA	91 11 23460700 - 999 'Sunil.Das@cgglobal.com	
	RECEPTACLE (NON FLAME PROOF)	3	E1207	CYCLO ELECTRIC DEVICE & SERV.CO.	: A-3, NEAR ANTHEM BIOSCIENCE, KSSIDC INDUSTRIAL AREA, BOMMASANDRA, BOMMASANDRA INDUSTRIAL AREA, BANGALORE, KARNATAKA 560099	Mr. H.Jaishanker +919845039081, 080 - 27833102 , 080 - 27833103 : +91 80 41460985 'cycloelectric@gmail.com	
	RECEPTACLE (NON FLAME PROOF)	4	B04	BCH	20/4, MATHURA ROAD, FARIDABAD - 121006, HARYANA, INDIA	0(129)-4063000, 9015800189(Ramesh Giri) 'ramesh.giri@bchindia.com	

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ITEM CODE	ITEM/SERVICE DESCRIPTIO	SL NO.	VENDOR CODE	VENDOR NAME	ADDRESS	PHONE	REMARKS
	RECEPTACLE (NON FLAME PROOF)	5	B02	BEST & CROMPTON	BEST & CROMPTON ENGINEERING LTD 28C, AMBATTUR INDUSTRIAL ESTATE (NORTH) AMBATTUR, CHENNAI - 600 098	Ph : +91 44 4551 4724 , MRKT DGM Mr. VI Raj:- 9840593411 'bestcromptonviraj@gmail.com	
ES69	EMERGENCY LIGHTING UNIT (FIXED & PORTABLE TYPE)-NON FLAME PROOF	1	B05	BAJAJ ELECTRICALS	BAJAJ ELECTRICALS LTD. ENGINEERING & PROJECTS BU (NORTH) 3rd FLOOR, GULMOHARHOUSE, COMMUNITY CENTRE 161/B-4, GAUTAM NAGAR, YUSUF SARAI NEW DELHI – 110049	CONTACT PERSON : Mr. S. SREEMANY. SR. MANAGER (PROJECTS) CONTACT DETAILS : (+91) 9871025705. MAIL ID : srabans@bajajelectricals.com	
	EMERGENCY LIGHTING UNIT (FIXED & PORTABLE TYPE)-NON FLAME PROOF	2	PEP05	PROLITE AUTOGLO LIMITED,	PROLITE AUTOGLO LTD 25 SINGH INDUSTRIAL ESTATE NO. 3, RAM MANDIR ROAD., GOREGAON (W), MUMBAI, MAHARASHTRA 400104, INDIA	022-67868100 sales@prolite.com	
ES70	EMERGENCY LIGHTING UNIT (FIXED & PORTABLE TYPE)-FLAME PROOF	1					
ES71	24V SUPPLY MODULE WITH COMPLETE ACCESSORIES	1	E1103	POWER PACK ENTERPRISES	POWER PACK ENTERPRISES MR. NEHAL SHAH / MR. SHARAD SHAH (PARTNER) NO. 3, JAYSHREE SADAN, 1ST FLOOR, OLD NAGARDAS ROAD, ANDHERI EAST MUMBAI - 400069, MAHARASHTRA, INDIA	Call Us:08447573761 Mobile: +(91)-9821787821 +(91)-9821035604	
	24V SUPPLY MODULE WITH COMPLETE ACCESSORIES	2	E1066	INDCOIL	ADDRESS: PLOT NO. A- 150/ 151, 23RD U ROAD, WAGLE ESTATE, THANE WEST, CST RD, FRIENDS COLONY, HALLOW PUL, KURLA WEST, MUMBAI, MAHARASHTRA 400070	Phone:022 2583 8305	
	24V SUPPLY MODULE WITH COMPLETE ACCESSORIES	3	AIE01	Ames Impex Electricals Pvt. Ltd	C-1B/1207, PHASE IV, GIDC NARODA, AHMEDABAD, GUJARAT 382330	Phone:079 2282 1648	
ES81	PEDESTAL FAN & CEILING FAN	REPUTED MAKE					
ES82	EXIT SIGN (FLAME PROOF)	REPUTED MAKE					
ES83	EXIT SIGN (NON FLAME PROOF)	REPUTED MAKE					
ES84	LADDER	REPUTED MAKE					
ES86	PHOTOELECTRIC SWITCH	REPUTED MAKE					
ES88	HAND LAMP UNIT	REPUTED MAKE					
	LIGHTING DESIGNER	1	AT13	AVAIDS TECHNOVATORS PVT. LTD.	4A/58, SHANKAR ROAD, NEW DELHI-110060	Mr. Rajendra Panda M: 9910481854 (email: rajendra@avaids.com)	
	LIGHTING DESIGNER	2	BE13	BAJAJ ELECTRICALS LTD.	801 (8th floor), Rustomjee Aspire, Bhanu Shankar Yagnik Marg, Off Eastern Express Highway Sion (E), Mumbai 400022	Mr. S. SREEMANY. SR. MANAGER (PROJECTS) CONTACT DETAILS : (+91) 9871025705. (email: srabans@bajajelectricals.com)	

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ITEM CODE	ITEM/SERVICE DESCRIPTIO	SL NO.	VENDOR CODE	VENDOR NAME	ADDRESS	PHONE	REMARKS
ES89	LIGHTING DESIGNER	3	KS13	KELSATEK SOLUTIONS PVT. LTD.	50/1 4TH FLOOR, CHURCH STREET, BANGALORE-560001	Mr. S S Mudaliar Sr. VP M: 6380471362 (email: mudaliar@kelsatek.com)	
	LIGHTING DESIGNER	4	SE13	M/s SUMANAM ENGINEERING SERVICES CONSULTANT	1, ADITHYA, KOWDIAR, TRIVANDRUM 695003	Mr. Anshad S Phone: 471-2437588, (email: shaw@sumanam.org)	
	LIGHTING DESIGNER	7	SR13	M/s SURYA ROSHNI LTD	Padma Tower 1, Rajendra Place, New Delhi–110008	Mr. Saurabh Gupta 9999433167, (email: saurabh.gupta@surya.in), AKHILESH AGRAWAL (aagrawal@surya.in)	
	LIGHTING DESIGNER	8	HP13	M/s HPL ELECTRIC & POWER PVT. LTD.	WINDSOR BUSINESS PARK, B-1D, SECTOR-10 NOIDA-201301 (UP)	Name : Mr. Mahesh Sharma Designation: Sr. GM (HOD Projects) Email : msharma@hplindia.com Contact : 9818282236 Ashwani Kumar Mob-9971127370 Email: ashwani@hplindia.com	

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Project: 3X800MW PATRATU TPS

Corrigenda Annexure-C

The input drawings of following buildings are attached :

1. Admin Building
2. Service Building
3. Canteen Building
4. Auditorium Building

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Date: 2021.06.16 12:45:45 +05'30'

Sandeep Lodh
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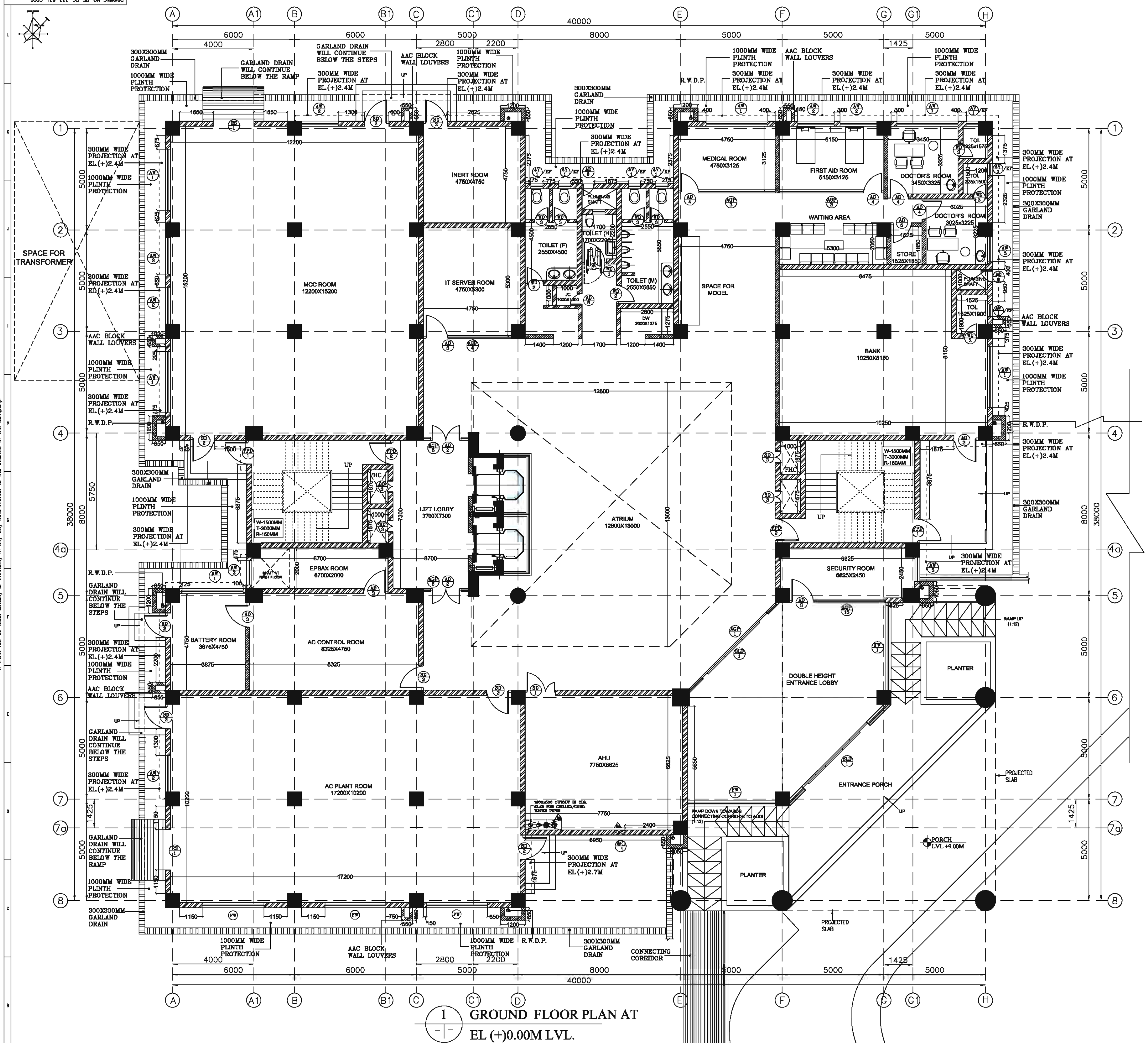
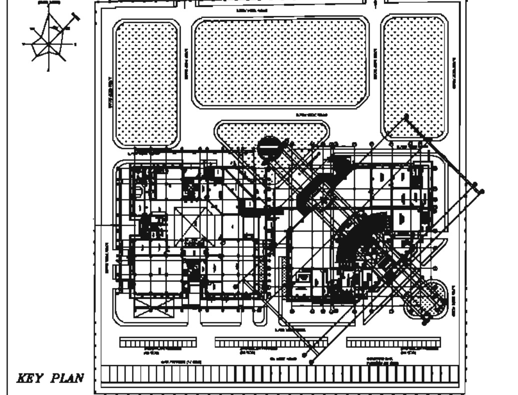


1 GROUND FLOOR PLAN AT EL (+)0.00M LVL.

SCHEDULE OF OPENINGS					
DOORS:GROUND FLOOR					
S.NO	SYMBOL	OPENINGS	FFL w.r.t. F.F.L.	LINTEL w.r.t. F.F.L.	NOS.
1	SLD 1	4500x3700	±0.0M	3.70M	2
2	AD 2	1500X2400	±0.0M	2.4M	2
3	AD 3	1200X2400	±0.0M	2.4M	5
4	AD 4	1000X2400	±0.0M	2.4M	4
5	AD 5	1000X2400	±0.0M	2.4M	1
6	AD 6	600X1800	±0.3M	2.1M	3
7	SD 1	1500X2400	±0.0M	2.4M	1
8	SD 2	1200X2400	±0.0M	2.4M	8
9	SD 3	600X1800	±0.3M	2.1M	4
10	WD 1	1200X2100	±0.0M	2.1M	1
11	WD 2	900X2100	±0.0M	2.1M	2
12	WD 3	750X2100	±0.0M	2.1M	7
13	FPD 1	1200X2400	±0.0M	2.4M	2
14	FPD 2	1200X2400	±0.0M	2.4M	2
15	RS 1	2000X3500	±0.0M	3.5M	2

SCHEDULE OF OPENINGS					
WINDOWS & VENTILATORS:(G.F.)					
S.NO	SYMBOL	OPENINGS	SILL w.r.t. F.F.L.	LINTEL w.r.t. F.F.L.	NOs.
1	FW	3000x750	+2.980M	+3.730M	04
2	FW 1	4300x3400	+0.3M	+3.70M	02
3	AW 1	3000x1500	+0.9M	+2.4M	06
4	AW 2	1800x1500	+0.9M	+2.4M	06
6	AW 3	1200x1500	+0.9M	+2.4M	03
7	AV 1	600x750	+1.65M	+2.4M	08



KEY PLAN

NOTES:–
1. ALL DIMENSIONS ARE IN MM.
2. ALL LEVELS MENTIONED ARE FINISHED FLOOR LEVELS.

AREA STATEMENT:
1. GROUND FLOOR AREA – 1323 SQ.M.
2. FIRST FLOOR AREA – 1237 SQ.M.
3. SECOND FLOOR AREA – 1368 SQ.M.
3. THIRD FLOOR AREA – 1323 SQ.M.
5. MUMTY & MACHINE ROOM AREA – 130 SQ.M.
6. ATRIUM AREA – 139 SQ.M.
7. NET AREA – 5076 SQ.M.

REFERENCE DRAWING NO:–
1. 9585-001-999-POC-F-001 PE-DG-333-100-M001 PLOT PLAN

ARCHITECTURAL DRAWINGS:–
1. 9585-001-315-PVC-C-1052 PE-DG-333-631-C003 ARCH. FIRST FLOOR PLAN.
2. 9585-001-315-PVC-C-1053 PE-DG-333-631-C003 ARCH. SECOND FLOOR PLAN.
3. 9585-001-315-PVC-C-1054 PE-DG-333-631-C005 ARCH. THIRD FLOOR PLAN.
4. 9585-001-315-PVC-C-1055 PE-DG-333-631-C006 ARCH. TERRACE FLOOR PLAN.
5. 9585-001-315-PVC-C-1057 PE-DG-333-631-C008 ARCH. ELEVATION
6. 9585-001-315-PVC-C-1058 PE-DG-333-631-C009 ARCH. ELEVATION
7. 9585-001-315-PVC-C-1058 PE-DG-333-631-C010 ARCH. SECTIONS
8. 9585-001-315-PVC-C-1066 PE-DG-333-631-C022 ARCH. DOOR & WINDOW DETAILS.
9. 9585-001-315-PVC-C-1067 PE-DG-333-631-C020 ARCH. TOILET & PANTRY DETAILS.

LEGEND:	
[hatch]	250MM THK. AAC BLOCK WALL UPTO FULL HEIGHT
[hatch]	200MM THK. AAC BLOCK WALL UPTO FALSE CEILING
[hatch]	150MM THK. AAC BLOCK WALL

NOTES:–
1. ALL AGP'S ARE UNDER HOLD AND WILL BE FURNISHED IN GLAZED PARTITION DRAWING.

REV	DATE	ALTD	CHD	APPD
5	30.09.20	KRITI	SANCHIT	ANURAG
4	21.01.20	KRITI	SANCHIT	ANURAG
3	31.10.19	MOHIT	SANCHIT	ANURAG
2	16.09.19	MOHIT	SANCHIT	ANURAG
1	26.06.19	MOHIT	SANCHIT	ANURAG

Rev 5:
1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 12.02.20
2. DRAWINGS REVISED AS PER STRUCTURAL COLUMN LAYOUT

Rev 4:
1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 27.11.19
2. DRAWINGS REVISED AS PER STRUCTURAL COLUMN LAYOUT

Rev 3:
1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 13.10.19
2. OVERALL PLANNING REVISED AS PER NTPC COMMENTS AND REQUIREMENTS.

Rev 2:
1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 30.03.19
2. OVERALL PLANNING REVISED AS PER NTPC COMMENTS AND REQUIREMENTS.

Rev 1:
1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 30.03.19
2. OVERALL PLANNING REVISED AS PER NTPC COMMENTS AND REQUIREMENTS.

JOB NO.
STATUS
DRG./REF. NO. (INTERNAL)
PRINT SCALE IN METRE

NTPC DRAWING NO. 9585-001-315-PVC-C-1051

PROJECT : 3X800MW PATRATU SUPER THERMAL POWER PLANT

OWNER : एन टी पी सी लिमिटेड
NTPC Limited
(A Government of India Enterprise)
CONSULTANCY WING

BHARAT HEAVY ELECTRICALS LTD
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NEW DELHI

GREEN BUILDING CONSULTANT: GREENTREE BUILDING ENERGY (P) LTD.

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DRAWING	NAME	SIGN	DATE
DRN	TANVI	TAN	12/03/19
DESN	SANCHIT	SAN	12/03/19
CHD	SANCHIT	SAN	12/03/19
APPD	ANURAG	ANG	12/03/19

TITLE
ADMINISTRATION BUILDING
ARCHITECTURAL GROUND FLOOR PLAN AT EL (+)0.00M

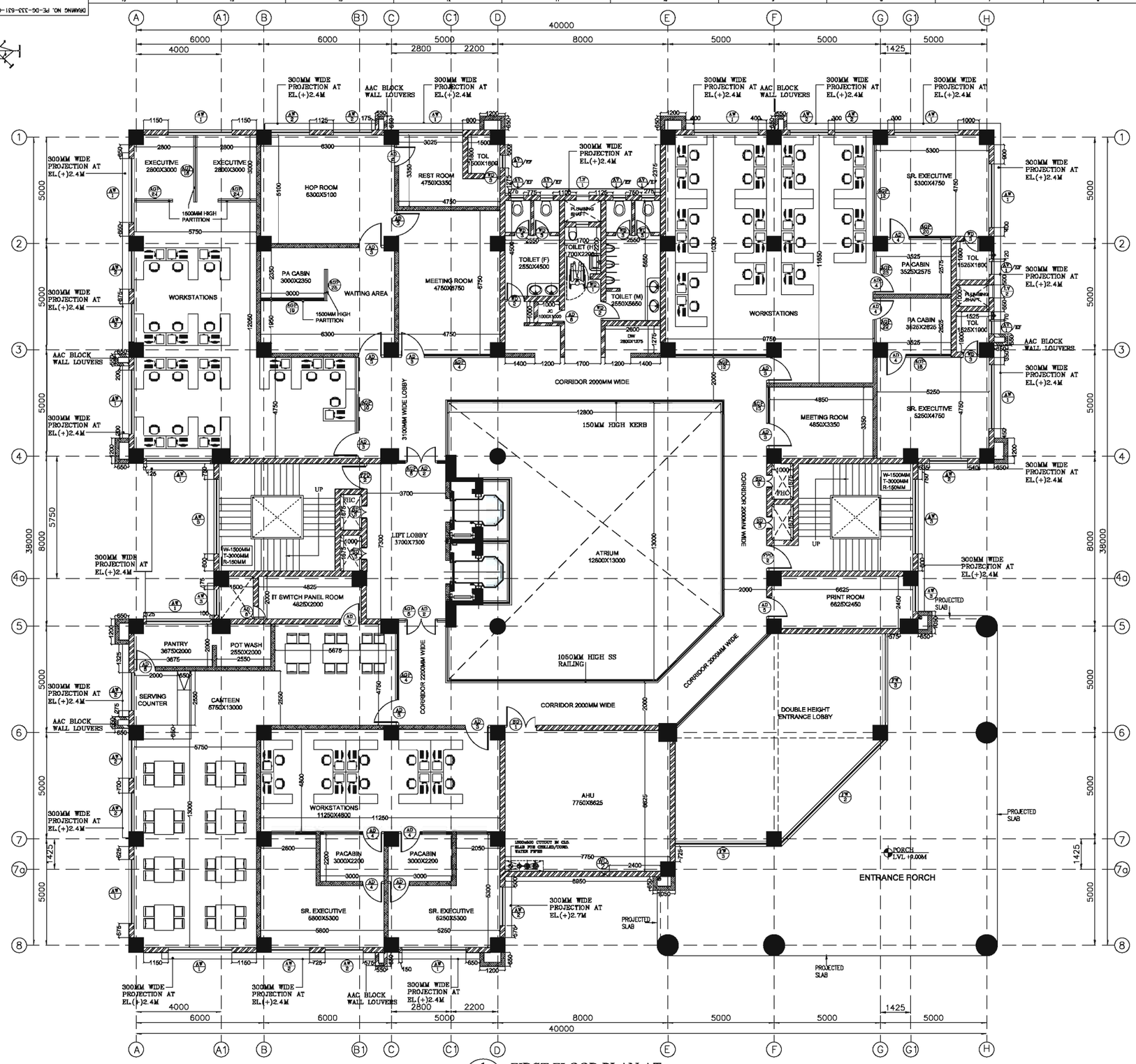
	MPL	ELEC	C&I	MSE	MAX	DEPT.	SCALE 1:100
						SIGN	
						DATE	

DRAWING NO. PE-DG-333-631-C002
SHEET 1 OF 1 REV. 5a

DRAWING NO. PE-DG-333-631-C003

FIRST ANGLE PROJECTION

ALL DIMENSIONS ARE IN MM



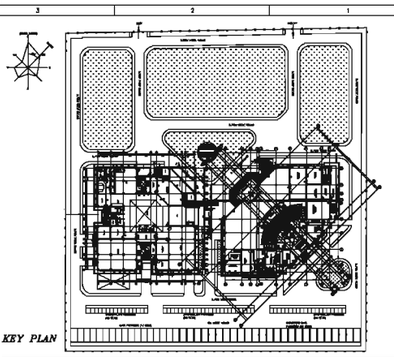
1 FIRST FLOOR PLAN AT EL (+)4.50M LVL.

SCHEDULE OF OPENINGS
DOORS:FIRST FLOOR

S.NO	SYMBOL	OPENINGS	FFL w.r.t. F.F.L.	LINTEL	NOS.
1	AD/2	1500X2400	+4.5M	+6.9M	2
2	AD/3	1200X2400	+4.5M	+6.9M	9
3	AD/4	1000X2400	+4.5M	+6.9M	8
4	AD/5	1000X2400	+4.5M	+6.9M	4
5	AD/6	600X1800	+4.5M	+6.9M	2
6	SD/1	1500X2400	+4.5M	+6.9M	1
7	SD/2	600X1800	+4.8M	+6.6M	4
8	WD/1	1200X2100	+4.5M	+6.6M	1
9	WD/2	900X2100	+4.5M	+6.6M	2
10	WD/3	750X2100	+4.5M	+6.6M	7
11	FPD/2	1200X2400	+4.5M	+6.9M	2

SCHEDULE OF OPENINGS
WINDOWS & VENTILATORS:(G.F.)

S.NO	SYMBOL	OPENINGS	SILL w.r.t. F.F.L.	LINTEL w.r.t. F.F.L.	NOs.
1	FW/2	7070x2400	+4.5M	+6.9M	01
2	FW/3	4300x2400	+4.5M	+6.9M	02
3	AW/1	3000x1500	+5.4M	+6.9M	13
3	AW/2	1800x1500	+5.4M	+6.9M	12
6	AW/3	1200x1500	+5.4M	+6.9M	02
7	AW/4	3000x1500	+4.2M	+5.7M	02
8	AV/1	600x750	+6.14M	+6.9M	08
9	LV/1	600x1500	+4.80M	+6.3M	01
10	LV/2	600x1500	+5.4M	+6.9M	01



KEY PLAN

NOTES:-
1. ALL DIMENSIONS ARE IN MM.
2. ALL LEVELS MENTIONED ARE FINISHED FLOOR LEVELS.

AREA STATEMENT:
1. FIRST FLOOR AREA - 1237 SQ.M.
2. ATRIUM AREA - 139 SQ.M.
3. NET AREA - 1108 SQ.M.

REFERENCE DRAWING NO:-

1. 9585-001-909-POC-P-001	PE-DG-333-100-M001	PLOT PLAN

ARCHITECTURAL DRAWINGS:-

1. 9585-001-315-PVC-C-1051	PE-DG-333-631-C002	ARCH. GROUND FLOOR PLAN.
2. 9585-001-315-PVC-C-1053	PE-DG-333-631-C003	ARCH. SECOND FLOOR PLAN.
3. 9585-001-315-PVC-C-1054	PE-DG-333-631-C005	ARCH. THIRD FLOOR PLAN.
4. 9585-001-315-PVC-C-1055	PE-DG-333-631-C006	ARCH. TERRACE FLOOR PLAN.
5. 9585-001-315-PVC-C-1057	PE-DG-333-631-C008	ARCH. ELEVATION
6. 9585-001-315-PVC-C-1058	PE-DG-333-631-C009	ARCH. ELEVATION
7. 9585-001-315-PVC-C-1059	PE-DG-333-631-C010	ARCH. SECTIONS
8. 9585-001-315-PVC-C-1066	PE-DG-333-631-C022	ARCH. DOOR & WINDOW DETAILS.
9. 9585-001-315-PVC-C-1067	PE-DG-333-631-C020	ARCH. TOILET & PANTRY DETAILS.

LEGEND:
- 250MM THK. AAC BLOCK WALL UPTO FULL HEIGHT
- 200MM THK. AAC BLOCK WALL UPTO FALSE CEILING
- 150MM THK. AAC BLOCK WALL

NOTES:-
1. ALL AGP'S ARE UNDER HOLD AND WILL BE FURNISHED IN GLAZED PARTITION DRAWING.

NTPC DRAWING NO: 9585-001-315-PVC-C-1052

PROJECT :
3X800MW PATRATU SUPER THERMAL POWER PLANT

OWNER : एनटीपीसी लिमिटेड NTPC Limited (A Government of India Enterprise) CONSULTANCY WING

BHARAT HEAVY ELECTRICALS LTD
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NEW DELHI

GREEN BUILDING CONSULTANT:
GREENTREE BUILDING ENERGY (P) LTD.

JOB NO.
STATUS
DRG./REV. NO. (INTERNAL)
PRINT SCALE IN METRE

REV	DATE	ALTD	CHD	APPD	ANURAG
5	30.09.20	KRITI	SANCHIT		
	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 12.02.20				
	2. DRAWINGS REVISED AS PER STRUCTURAL COLUMN LAYOUT				
4	21.01.20	SANJANA	SANCHIT		
	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 27.11.19				
	2. DRAWINGS REVISED AS PER STRUCTURAL COLUMN LAYOUT				
3	03.12.19	MOHIT	SANCHIT		
	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 27.11.19				
2	31.10.19	MOHIT	SANCHIT		
	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 13.10.19				
	2. OVERALL PLANNING REVISED AS PER NTPC COMMENTS AND REQUIREMENTS.				
1	16.09.19	MOHIT	SANCHIT		
	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 30.03.19				
	2. OVERALL PLANNING REVISED AS PER NTPC COMMENTS AND REQUIREMENTS.				
0	26.06.19	MOHIT	SANCHIT		
	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 30.03.19				
	2. OVERALL PLANNING REVISED AS PER NTPC COMMENTS AND REQUIREMENTS.				

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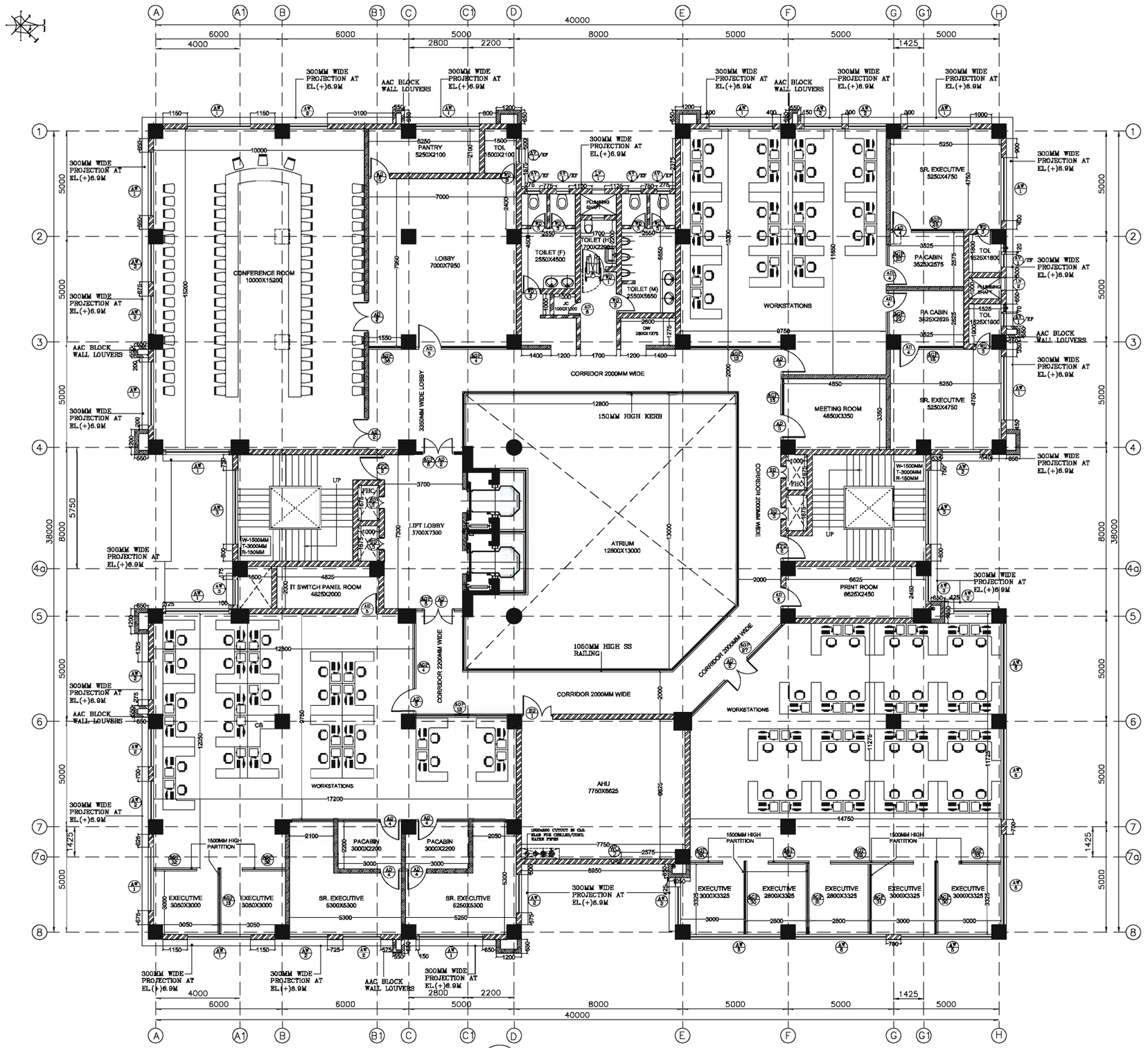
	DRAWING	NAME	SIGN	DATE
	DRN	UMM	UM	12/03/19
	DSGN	SANCHIT	SM	12/03/19
	CHD	SANCHIT	SM	12/03/19
	APPD	ANURAG	ANG	12/03/19

TITLE
ADMINISTRATION BUILDING
ARCHITECTURAL FIRST FLOOR PLAN AT EL (+)3.50M

MPL	ELEC	C&I	MSE	MAX	DEPT.	SCALE 1:100	DRAWING NO.
					SIGN		PE-DG-333-631-C003
					DATE		SHEET 1 OF 1 REV. 5

Jun 16, 2021 - 11:25am
FORMAT SIZE A1

DRAWING NO. PE-DG-333-631-C003



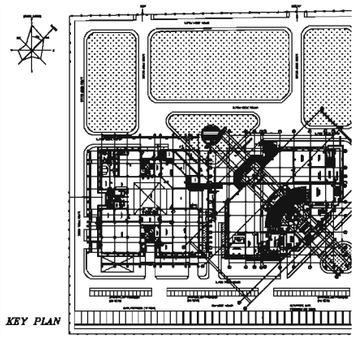
1 SECOND FLOOR PLAN AT EL (+)9.00M LVL.

SCHEDULE OF OPENINGS
DOORS:SECOND FLOOR

S.NO	SYMBOL	OPENINGS	FFL w.r.t. F.F.L.	LINTEL	NOS.
1	AD/1	1500X2400	+9.0M	+11.4M	5
2	AD/2	1200X2400	+9.0M	+11.4M	4
3	AD/3	1000X2400	+9.0M	+11.4M	8
4	AD/4	1000X2400	+9.0M	+11.4M	3
5	AD/5	600X1800	+9.3M	+11.1M	1
6	SD/1	1500X2400	+9.0M	+11.1M	1
7	SD/2	600X1800	+9.3M	+11.1M	4
8	WD/1	1200X2100	+9.0M	+11.1M	1
9	WD/2	900X2100	+9.0M	+11.1M	2
10	WD/3	750X2100	+9.0M	+11.1M	7
11	FPD/2	1200X2400	+9.0M	+11.4M	2

SCHEDULE OF OPENINGS
WINDOWS & VENTILATORS:(G.F.)

S.NO	SYMBOL	OPENINGS	SILL w.r.t. F.F.L.	LINTEL	NOs.
1	AW/1	3000x1500	+9.9M	+11.4M	13
2	AW/2	1800x1500	+9.9M	+11.4M	14
3	AW/3	1200x1500	+9.9M	+11.4M	02
3	AW/4	3000x1500	+8.7M	+10.20M	02
6	AW/5	4300x1500	+9.9M	+11.4M	08
7	AV	600x750	+10.65M	+11.4M	08
8	LV/1	600x1500	+9.30M	+10.8M	01
9	LV/2	600x1500	+9.9M	+11.4M	01



NOTES:-
1. ALL DIMENSIONS ARE IN MM.
2. ALL LEVELS MENTIONED ARE FINISHED FLOOR LE

AREA STATEMENT:
1. SECOND FLOOR AREA - 1368 SQ.M
2. ATRIUM AREA - 139 SQ.M
3. NET AREA - 1329 SQ.M

REFERENCE DRAWING NO:-

1. 9585-001-999-POC-F-001	PE-DG-333-100-M001	PLOT PLAN

ARCHITECTURAL DRAWINGS:-

1. 9585-001-316-PVC-C-1051	PE-DG-333-631-C002	ARCH. GROUND FLOO
2. 9585-001-316-PVC-C-1052	PE-DG-333-631-C003	ARCH. FIRST FLOOR
3. 9585-001-316-PVC-C-1054	PE-DG-333-631-C005	ARCH. THIRD FLOOR
4. 9585-001-316-PVC-C-1055	PE-DG-333-631-C006	ARCH. TERRACE FLO
5. 9585-001-316-PVC-C-1057	PE-DG-333-631-C008	ARCH. ELEVATION
6. 9585-001-316-PVC-C-1058	PE-DG-333-631-C009	ARCH. ELEVATION
7. 9585-001-316-PVC-C-1059	PE-DG-333-631-C010	ARCH. SECTIONS
8. 9585-001-316-PVC-C-1066	PE-DG-333-631-C022	ARCH. DOOR & WIND DETAILS.
9. 9585-001-316-PVC-C-1067	PE-DG-333-631-C030	ARCH. TOILET & PA DETAILS.

LEGEND:
- 250MM THK. AAC BLOCK WALL UPTO FULL HEIGHT
- 200MM THK. AAC BLOCK WALL UPTO FALSE CEILING
- 150MM THK. AAC BLOCK WALL

NOTES:-
1. ALL AGP'S ARE UNDER HOLD AND WILL BE FURN IN GLAZED PARTITION DRAWING.

REV	DATE	ALTD	CHD	APPD	DESCRIPTION
5	30.09.20	KRITI	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 12.02.20 2. DRAWINGS REVISED AS PER STRUCTURAL COLUMN LAYOUT
4	21.01.20	SANJANA	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 27.11.19 2. DRAWINGS REVISED AS PER STRUCTURAL COLUMN LAYOUT
3	03.12.19	MOHIT	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 27.11.19
2	31.10.19	MOHIT	CHD	APPD	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 13.10.19 2. OVERALL PLANNING REVISED AS PER NTPC COMMENTS AND REQUIREMENTS.
1	16.09.19	MOHIT	CHD	APPD	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 30.03.19 2. OVERALL PLANNING REVISED AS PER NTPC COMMENTS AND REQUIREMENTS.
0	26.06.19	MOHIT	CHD	APPD	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 30.03.19 2. OVERALL PLANNING REVISED AS PER NTPC COMMENTS AND REQUIREMENTS.

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NTPC DRAWING NO. 9585-001-316-PVC-C-1053

PROJECT : 3X800MW PATRATU SUPER THERMAL POWEI

OWNER : एन टी पी सी लिमिटेड NTPC Limited (A Government of India Enterprise) CONSULTANCY WING

BHARAT HEAVY ELECTRICALS LT POWER SECTOR PROJECT ENGINEERING MANAGEMENT NEW DELHI

GREEN BUILDING CONSULTANT: GREENTREE BUILDING ENERGY (P) LTD.

JOB NO.
STATUS
DRG./REF. NO. (INTERNAL)
PRINT SCALE IN METRE

DRAWING	NAME
DRN.	TMW
DES.	SANCH
CHD.	SANCH
APPD.	ANURA

TITLE
ADMINISTRATION BUILDING
ARCHITECTURAL SECOND FLOOR PLAN AT EL (+)9.00M

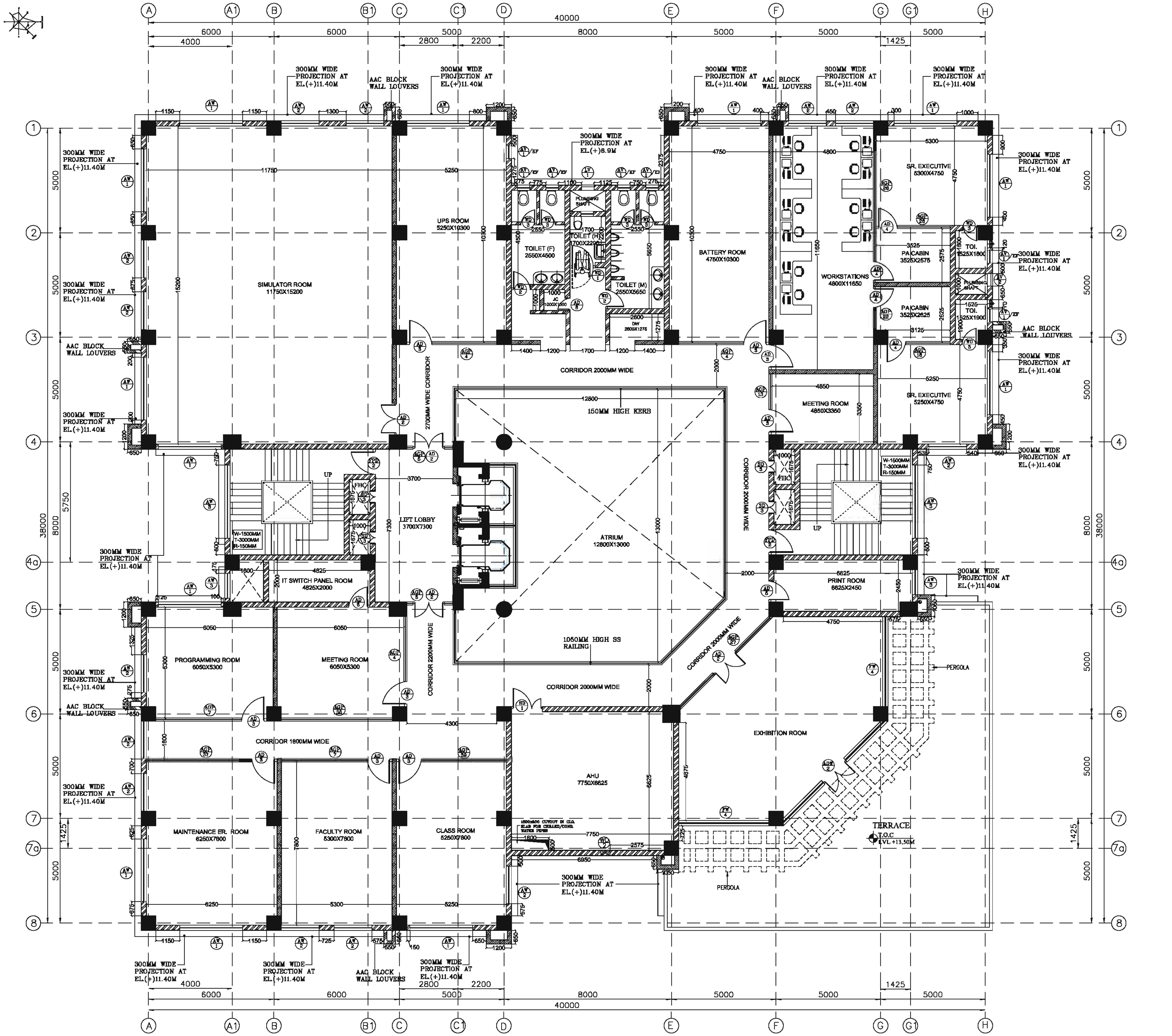
MPL	ELEC	C&I	MSE	MAX	DEPT.	SCALE 1:100	DRAWING NO.
					SIGN		PE-DG-333-631-C0
					DATE		SHEET 1 OF 1

Jun 18,

FIRST ANGLE PROJECTION

ALL DIMENSIONS ARE IN MM

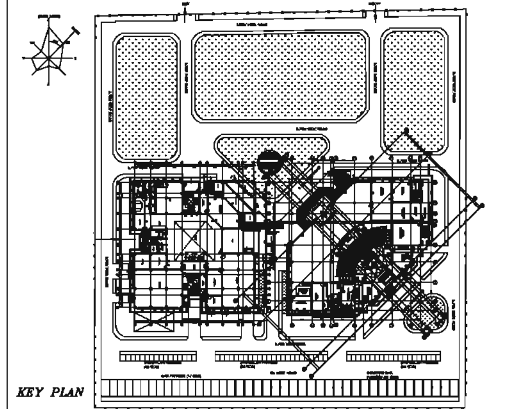
DRAWING NO. PE-DG-333-631-C005



1 THIRD FLOOR PLAN AT EL (+)13.50M LVL.

SCHEDULE OF OPENINGS					
DOORS:SECOND FLOOR					
S.NO	SYMBOL	OPENINGS	FFL (w.r.t. F.F.L.)	LINTEL (w.r.t. F.F.L.)	NOS.
1	ADW 2	7070x2400	+13.50M	+15.9M	1
2	AD 2	1500X2400	+13.50M	+15.9M	4
3	AD 3	1200X2400	+13.50M	+15.9M	9
4	AD 4	1000X2400	+13.50M	+15.9M	4
5	AD 5	1000X2400	+13.50M	+15.9M	2
6	AD 6	600X1800	+13.80M	+15.6M	1
7	SD 1	1500X2400	+13.50M	+15.9M	1
8	SD 3	600X1800	+13.80M	+15.6M	4
9	WD 1	1200X2100	+13.50M	+15.6M	1
10	WD 2	900X2100	+13.50M	+15.6M	2
11	WD 3	750X2100	+13.50M	+15.6M	6
12	FPD 2	1200X2400	+13.50M	+15.9M	2

SCHEDULE OF OPENINGS					
WINDOWS & VENTILATORS:(G.F.)					
S.NO	SYMBOL	OPENINGS	SILL (w.r.t. F.F.L.)	LINTEL (w.r.t. F.F.L.)	NOs.
1	FW 4	4300x2100	+13.8M	+15.9M	2
2	AW 1	3000x1500	+14.4M	+15.9M	13
3	AW 2	1800x1500	+14.4M	+15.9M	15
3	AW 3	1200x1500	+14.4M	+15.9M	02
6	AW 4	3000x1500	+13.20M	+14.70M	02
7	AV 1	600x750	+15.1M	+15.9M	08
8	LV 1	600x1500	+13.8M	+15.3M	01
9	LV 2	600x1500	+14.4M	+15.9M	01



NOTES:-
1. ALL DIMENSIONS ARE IN MM.
2. ALL LEVELS MENTIONED ARE FINISHED FLOOR LEVELS.

AREA STATEMENT:
1. THIRD FLOOR AREA - 1323 SQ.M
2. ATRIUM AREA - 139 SQ.M.
3. TOTAL AREA - 1185 SQ.M.

REFERENCE DRAWING NO:-
1. 9585-001-999-POC-F-001 PE-DG-333-100-M001 PLOT PLAN

ARCHITECTURAL DRAWINGS:-
1. 9585-001-315-PVC-C-1051 PE-DG-333-631-C002 ARCH. GROUND FLOOR PLAN.
2. 9585-001-315-PVC-C-1052 PE-DG-333-631-C003 ARCH. FIRST FLOOR PLAN.
3. 9585-001-315-PVC-C-1053 PE-DG-333-631-C003 ARCH. SECOND FLOOR PLAN.
3. 9585-001-315-PVC-C-1055 PE-DG-333-631-C006 ARCH. TERRACE FLOOR PLAN.
5. 9585-001-315-PVC-C-1057 PE-DG-333-631-C006 ARCH. ELEVATION
6. 9585-001-315-PVC-C-1058 PE-DG-333-631-C009 ARCH. ELEVATION
7. 9585-001-315-PVC-C-1058 PE-DG-333-631-C010 ARCH. SECTIONS
8. 9585-001-315-PVC-C-1066 PE-DG-333-631-C022 ARCH. DOOR & WINDOW DETAILS.
9. 9585-001-315-PVC-C-1067 PE-DG-333-631-C020 ARCH. TOILET & PANTRY DETAILS.

LEGEND:	
(hatch)	250MM THK. AAC BLOCK WALL UPTO FULL HEIGHT
(hatch)	200MM THK. AAC BLOCK WALL UPTO FALSE CEILING
(hatch)	150MM THK. AAC BLOCK WALL

NOTES:-
1. ALL AGP'S ARE UNDER HOLD AND WILL BE FURNISHED IN GLAZED PARTITION DRAWING.

REV	DATE	ALTD	CHD	APPD	DESCRIPTION
5	30.09.20	KRITI	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 12.02.20 2. DRAWINGS REVISED AS PER STRUCTURAL COLUMN LAYOUT
4	21.01.20	SANJANA	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 27.11.19 2. DRAWINGS REVISED AS PER STRUCTURAL COLUMN LAYOUT
3	03.12.19	MOHIT	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 27.11.19
3	31.10.19	MOHIT	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 13.10.19 2. OVERALL PLANNING REVISED AS PER NTPC COMMENTS AND REQUIREMENTS.
2	16.09.19	MOHIT	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 30.03.19 2. OVERALL PLANNING REVISED AS PER NTPC COMMENTS AND REQUIREMENTS.
1	26.06.19	MOHIT	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 30.03.19 2. OVERALL PLANNING REVISED AS PER NTPC COMMENTS AND REQUIREMENTS.

JOB NO.
STATUS
DRG./REF. NO. (INTERNAL)
PRINT SCALE IN METRE

NTPC DRAWING NO. 9585-001-315-PVC-C-1054

PROJECT : 3X800MW PATRATU SUPER THERMAL POWER PLANT

OWNER : एन टी पी सी लिमिटेड NTPC Limited (A Government of India Enterprise) CONSULTANCY WING

BHARAT HEAVY ELECTRICALS LTD
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NEW DELHI

GREEN BUILDING CONSULTANT: GREENTREE BUILDING ENERGY (P) LTD.

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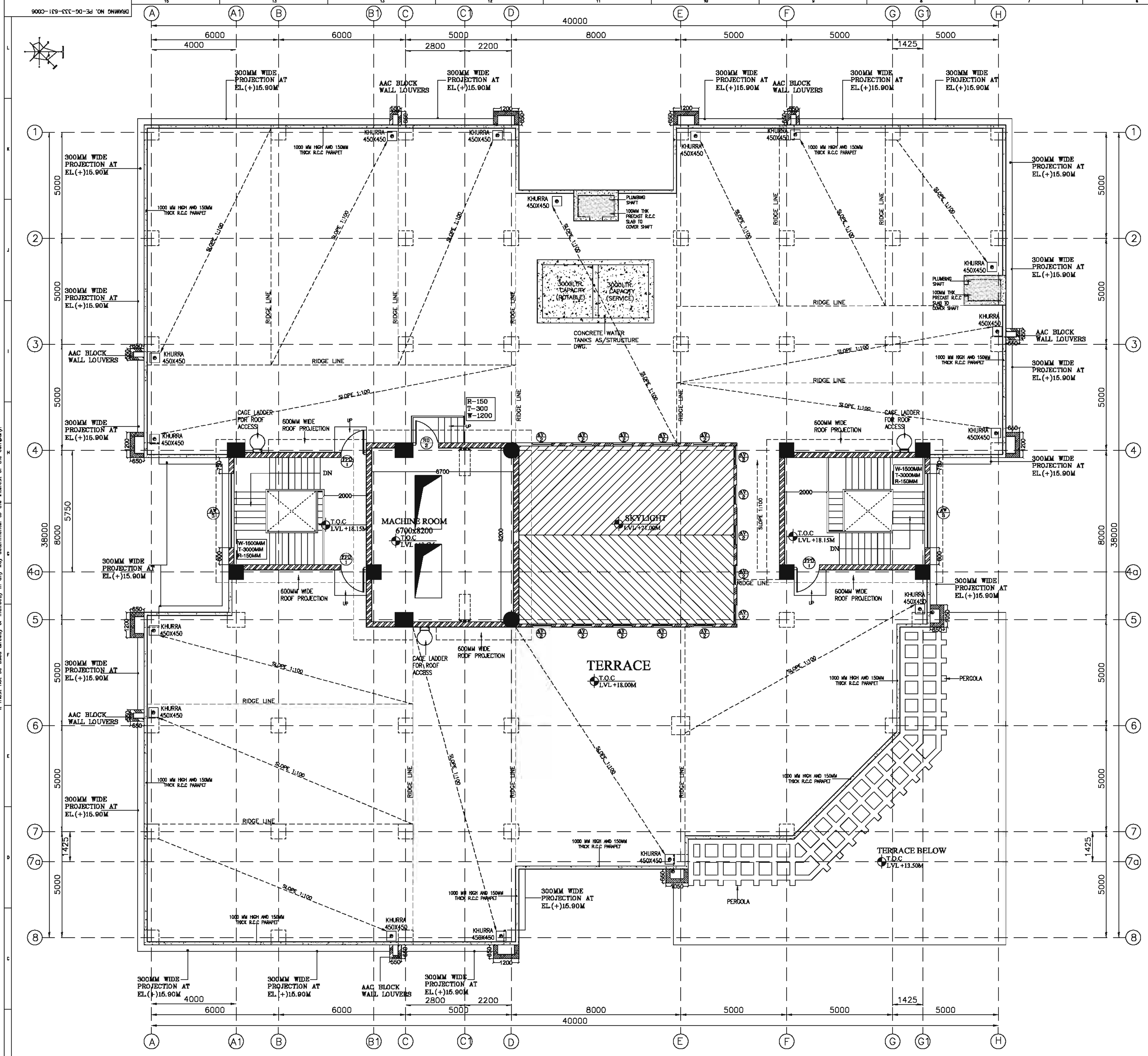
DRAWING	NAME	SIGN	DATE
DRN	TANM	TAN	12/03/19
DESN	SANCHIT	SAN	12/03/19
CHD	SANCHIT	SAN	12/03/19
APPD	ANURAG	ANG	12/03/19

TITLE: **ADMINISTRATION BUILDING**
ARCHITECTURAL THIRD FLOOR PLAN AT EL (+)13.50M

	MPL	ELEC	C&I	MSE	MAX	DEPT.	SCALE 1:100	DRAWING NO.
						SIGN / DATE		PE-DG-333-631-C005

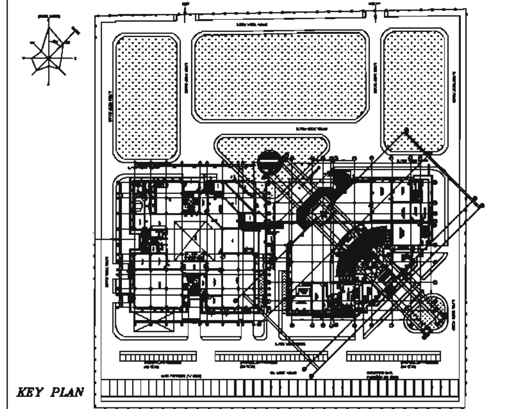
SHEET 1 OF 1 REV. 5

Jun 16, 2021 - 11:26am FORMAT SIZE A1



1 TERRACE FLOOR PLAN AT EL (+)18.00M LVL.

SCHEDULE OF OPENINGS					
DOORS & WINDOWS					
S.NO	SYMBOL	OPENINGS	FFL w.r.t. F.F.L.	LINTEL w.r.t. F.F.L.	NOS.
1	SD 2	1200X2400	+18.6M	+21.0M	1
2	FPD 1	1200X2400	+18.15M	+20.5M	3
3	AW 4	3000X1500	+17.70M	+19.2M	2
3	AV 2	900X600	+18.30M	+18.9M	10

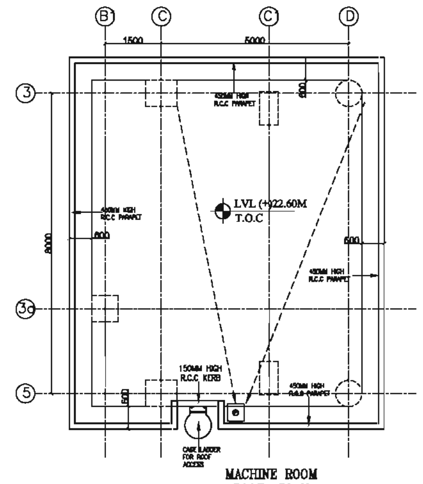


NOTES:-

1. ALL DIMENSIONS ARE IN MM.
2. ALL LEVELS MENTIONED ARE FINISHED FLOOR LEVELS.

AREA STATEMENT:

1. MUMTY & MACHINE ROOM AREA - 130 SQ.M



MACHINE ROOM ROOF PLAN (SCALE 1:100)

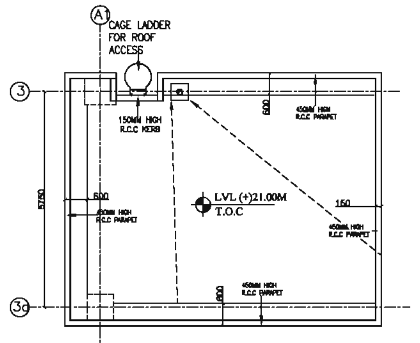
REFERENCE DRAWING NO:-

1. 9585-001-999-POC-F-001 PE-DG-333-100-M001 PLOT PLAN

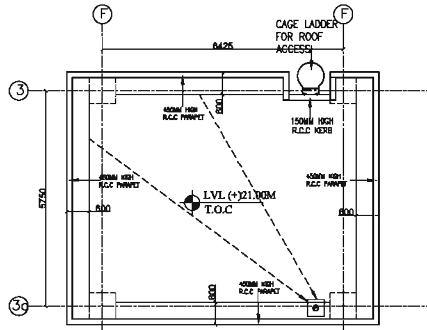
ARCHITECTURAL DRAWINGS:-

1. 9585-001-315-PVC-C-1051 PE-DG-333-631-C002 ARCH. GROUND FLOOR PLAN.
2. 9585-001-315-PVC-C-1052 PE-DG-333-631-C003 ARCH. FIRST FLOOR PLAN.
3. 9585-001-315-PVC-C-1053 PE-DG-333-631-C003 ARCH. SECOND FLOOR PLAN.
4. 9585-001-315-PVC-C-1054 PE-DG-333-631-C005 ARCH. THIRD FLOOR PLAN.
5. 9585-001-315-PVC-C-1057 PE-DG-333-631-C008 ARCH. ELEVATION
6. 9585-001-315-PVC-C-1058 PE-DG-333-631-C009 ARCH. ELEVATION
7. 9585-001-315-PVC-C-1058 PE-DG-333-631-C010 ARCH. SECTIONS
8. 9585-001-315-PVC-C-1066 PE-DG-333-631-C022 ARCH. DOOR & WINDOW DETAILS.
9. 9585-001-315-PVC-C-1067 PE-DG-333-631-C020 ARCH. TOILET & PANTRY DETAILS.

LEGEND:	
(hatch)	250MM THK. AAC BLOCK WALL UPTO FULL HEIGHT
(hatch)	200MM THK. AAC BLOCK WALL UPTO FALSE CEILING
(hatch)	150MM THK. AAC BLOCK WALL



MUMTY ROOF PLAN (SCALE 1:100)



MUMTY ROOF PLAN (SCALE 1:100)

REV	DATE	ALTD	CHD	APPD	DESCRIPTION
5	30.09.20	KRITI	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 12.02.20 2. DRAWINGS REVISED AS PER STRUCTURAL COLUMN LAYOUT
4	21.01.20	KRITI	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 27.11.19 2. DRAWINGS REVISED AS PER STRUCTURAL COLUMN LAYOUT
3	03.12.19	MOHIT	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 27.11.19
3	31.10.19	MOHIT	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 13.10.19 2. OVERALL PLANNING REVISED AS PER NTPC COMMENTS AND REQUIREMENTS.
2	16.09.19	MOHIT	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 30.03.19 2. OVERALL PLANNING REVISED AS PER NTPC COMMENTS AND REQUIREMENTS.
1	26.06.19	MOHIT	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 30.03.19 2. OVERALL PLANNING REVISED AS PER NTPC COMMENTS AND REQUIREMENTS.

JOB NO.
STATUS
DRG./REF. NO. (INTERNAL)
PRINT SCALE IN METRE

NTPC DRAWING NO. 9585-001-315-PVC-C-1055

PROJECT : 3X800MW PATRATU SUPER THERMAL POWER PLANT

OWNER : एन टी पी सी लिमिटेड NTPC Limited (A Government of India Enterprise) CONSULTANCY WING

BHARAT HEAVY ELECTRICALS LTD
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NEW DELHI

GREEN BUILDING CONSULTANT: GREENTREE BUILDING ENERGY (P) LTD.

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DRAWING	NAME	SIGN	DATE
DRN	TANVI	TAN	12/03/19
DESN	SANCHIT	SAN	12/03/19
CHD	SANCHIT	SAN	12/03/19
APPD	ANURAG	ANG	12/03/19

TITLE
ADMINISTRATION BUILDING
ARCHITECTURAL TERRACE FLOOR PLAN AT EL (+)18.00M

	MPL	ELEC	C&I	MSE	MAX	DEPT.	SCALE 1:100
						SIGN	
						DATE	

DRAWING NO. PE-DG-333-631-C006
SHEET 1 OF 1 REV. 5

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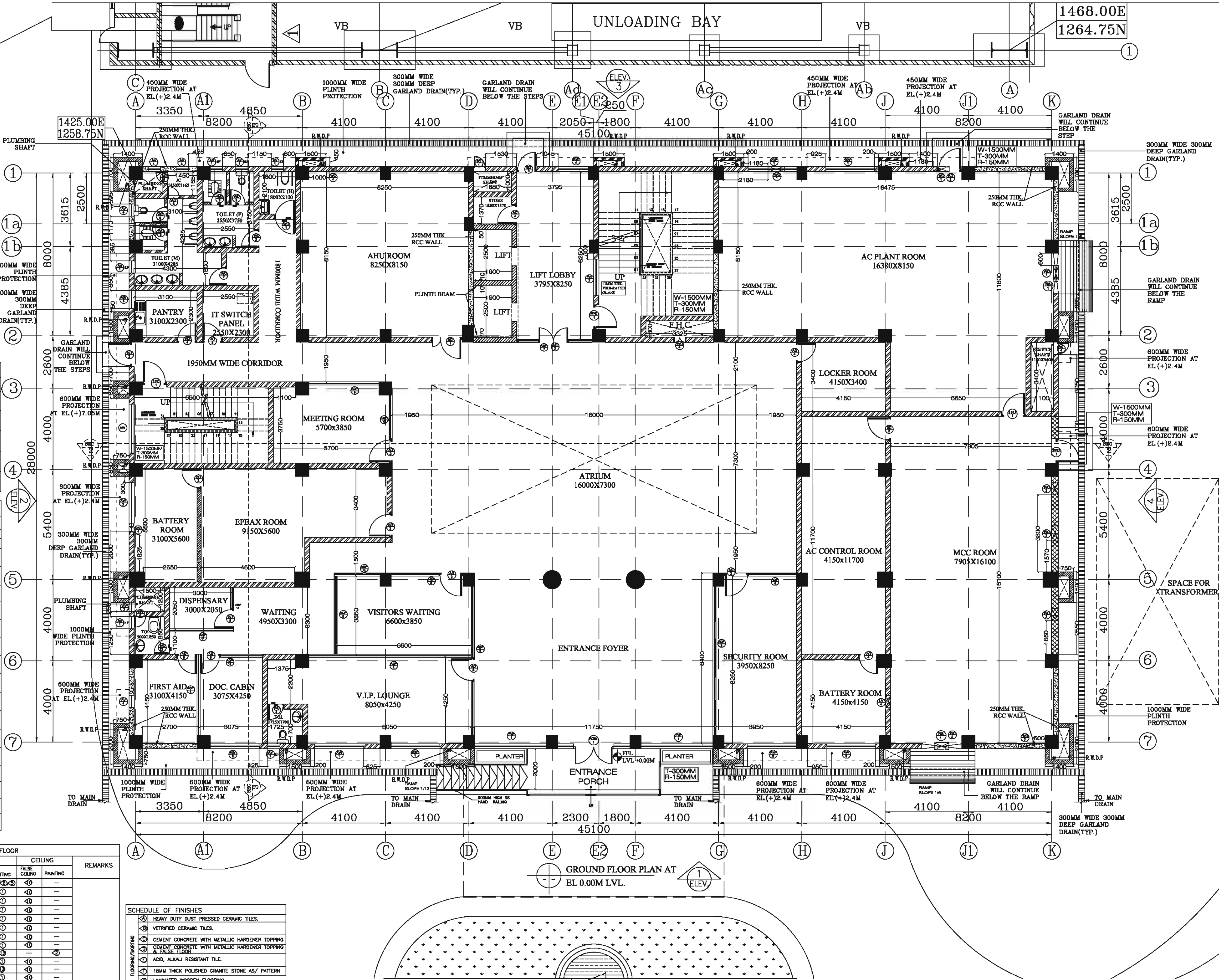

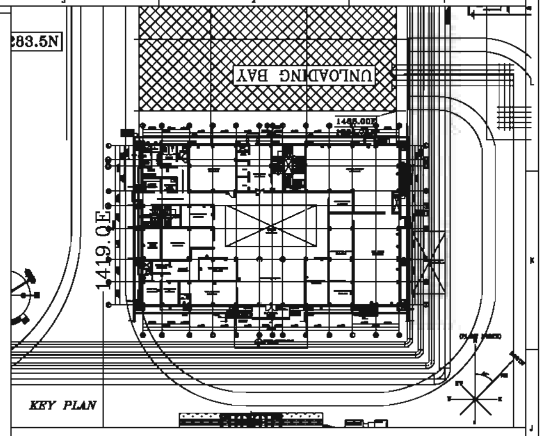

SCHEDULE OF OPENINGS

VENTILATORS & LOUVERS:

S.NO	SYMBOL	OPENINGS	SILL (w.r.t. F.F.L.)	LINTEL (w.r.t. F.F.L.)	NOS.
1	AV 1	600X750	+1.65M	+2.4M	6
2	AV 3	450X600	+1.80M	+2.4M	1
3	AV 4	600X600	+1.80M	+2.4M	3
4	EF	300MM Ø EXHAUST FAN 2.75M CENTER TO F.F.L.			6

SCHEDULE OF OPENINGS

DOORS:

S.NO	SYMBOL	OPENINGS	SILL (w.r.t. F.F.L.)	LINTEL (w.r.t. F.F.L.)	NOS.
1	ADW 1	3550x3000	±0.0M	3.0M	1
2	AD 2	1500x2400	±0.0M	2.4M	1
3	AD 3	1200X2400	±0.0M	2.4M	6
4	AD 4	1000X2400	±0.0M	2.4M	5
5	AD 5	1050X2400	±0.0M	2.4M	3
6	AD 6	600X1800	±0.3M	2.1M	3
7	WD 1	1050X2400	±0.0M	2.4M	1
8	WD 2	900X2400	±0.0M	2.4M	2
9	WD 3	800X2100	±0.0M	2.1M	6
10	WD 4	600X1800	±0.3M	2.1M	1
11	SD 1	1500x2400	±0.0M	2.4M	1
12	SD 2	1200x2400	±0.0M	2.4M	2
13	SD 3	1000x2400	±0.0M	2.4M	2
14	SD 4	800X1800	±0.3M	2.1M	2
15	FPD 1	1200x2400	±0.0M	2.4M	4
16	RS 1	2000X3000	±0.0M	3.0M	2

FINISHING SCHEDULE

INTERNAL FINISHING SCHEDULE- GROUND FLOOR

AREA	FLOORING	WALL: SKIRTING	WALL: DADO	WALL: PAINTING	CEILING: FALSE CEILING	CEILING: PAINTING	REMARKS
ENTRANCE FOYER/ATRIUM	F	F	—	4/8/5	10	—	
V.I.P. LOUNGE	B	B	—	1	10	—	
VISITOR'S WAITING	B	B	—	1	10	—	
WAITING AREA	B	B	—	1	10	—	
DOCTOR'S CABIN	B	B	—	1	10	—	
FIRST AID ROOM	B	B	—	1	10	—	
DISPENSARY	B	B	—	1	10	—	
EPBAX ROOM	B	B	—	1	10	—	
BATTERY ROOM	E	—	11	12	—	2	
MEETING ROOM	B	B	—	1	10	—	
IT SWITCH PANEL ROOM	B	B	—	12	10	—	
PANTRY	A	—	3	1	10	—	
TOILET	A	—	3	1	8	—	
STORE ROOM	C	C	—	2	—	2	
AHU ROOM	C	C	—	2	—	2	
LIFT LOBBY	F	F	—	5/6	9	—	
AC PLANT ROOM	G	G	—	2	—	2	
LOCKER'S ROOM	B	B	—	1	10	—	
AC CONTROL ROOM	H	H	—	2	10	—	
MCC ROOM	C	C	—	2	—	2	
SECURITY ROOM	B	B	—	1	10	—	
BATTERY ROOM	E	—	11	12	—	2	
STAIRCASE	F	—	F	2	—	2	
CORRIDOR	B	B	—	1	9	—	
LIFT WALL FACIA	—	—	5/6	4	—	—	FALSE CEILING AS PER APPROVED PATTERN/ DRAWING.

EXTERNAL FINISHING SCHEDULE

PORCH AREA	INTERLOCKING CEMENT CONCRETE BLOCKS
EXTERNAL FINISH	EXTERNAL FINISH SHALL BE COMBINATION OF PREMIUM ACRYLIC SMOOTH EXTERIOR PAINT & ALUMINIUM COMPOSITE PANEL AS/ELEVATION DETAIL DRG.

ALL WALL ABOVE FALSE CEILING SHALL BE PLASTERED.

SCHEDULE OF FINISHES (FLOORING/SKIRTING)

A	HEAVY DUTY DUST PRESSED CERAMIC TILES.
B	VETRIFIED CERAMIC TILES.
C	CEMENT CONCRETE WITH METALLIC HARDENER TOPPING
D	CEMENT CONCRETE WITH METALLIC HARDENER TOPPING & FALSE FLOOR
E	ACID, ALKALI RESISTANT TILE.
F	18MM THICK POLISHED GRANITE STONE AS/ PATTERN
G	LAMINATED WOODEN FLOORING
H	PRECAST POLISHED HEAVY DUTY CEMENT CONCRETE TILES
I	HIGH SRI (SOLAR REFLECTIVE INDEX) TILES AS PER APPROVED SAMPLE

SCHEDULE OF FINISHES (FALSE CEILING/PAINTING)

1	ACRYLIC EMULSION PAINT
2	ACRYLIC DISTEMPER
3	DESIGNER CERAMIC WALL TILES DADO UP TO FALSE CEILING LEVEL
4	TEXTURED PAINT
5	GLASS MOSAIC TILES MURALS
6	18MM THICK POLISHED GRANITE CLADDING
7	WOODEN PANELING AS PER ACOUSTIC REQUIREMENT.
8	CALCIUM SILICATE FALSE CEILING
9	METAL FALSE CEILING IN TILE FORM IN COMBINATION WITH GRG PLASTER BOARD FALSE CEILING
10	MINERAL FIBRE BOARD FALSE CEILING IN COMBINATION WITH GRG PLASTER BOARD FALSE CEILING
11	20MM THK. ACID RESISTANT TILES UPTO 1.2M HEIGHT AS PER APPROVED SAMPLE
12	TWO COATS OF CHLORINATED RUBBER ACID RESISTANT PAINT OVER CHLORINATED RUBBER ZINC PHOSPHATE PRIMER AS PER APPROVED SAMPLE

SCHEDULE OF OPENINGS

WINDOWS:

S.NO	SYMBOL	OPENINGS	SILL (w.r.t. F.F.L.)	LINTEL (w.r.t. F.F.L.)	NOS.
1	FW 1	3550X2700	+0.3M	+2.4M	2
2	AW	2400X1500	+0.9M	+2.4M	1
3	AW 1	2400X1500	+0.9M	+2.4M	4
4	AW 2	2400X1500	+0.9M	+2.4M	1
5	AW 3	2400X1500	+2.4M	+3.9M	3
6	AW 4	1500X1500	+0.9M	+2.4M	1
7	AW 5	900X1200	+1.92M	+2.4M	1
8	FW 2	1800X1200	+1.2M	+2.4M	1

SCHEDULE OF WALL OPENINGS

S.NO	SYMBOL	OPENINGS	LOCATION	DESCRIPTION	BOTTOM (w.r.t. F.F.L.)	TOP (w.r.t. F.F.L.)	NOS.
1	WO 1	800MM DIA.	AC PLANT ROOM	EXHAUST AIR FAN	+3.5M	+4.30M	3
2	WO 2	730MM DIA.	MCC ROOM	SUPPLY AIR FAN	+3.5M	+4.230M	2
3	WO 3	800X450	MCC ROOM	FOR RELIEF DAMPER	+4.0M	+4.45M	2
4	WO 4	380MM DIA.	AHU ROOM	FRESH AIR FAN	+2.4M	+2.780M	1
5	LV 4	800X450	BATTERY ROOM	FOR LOUVERS	+4.0M	+4.45M	1

REVISIONS

REV	DATE	ALTD	CHD	APPD	DESCRIPTION
4	24.09.20	KRITI	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 03.09.19 TRANSMITTAL NO. 2. DRAWINGS REVISED AS PER REVISED STRUCTURAL COLUMN LAYOUT
3	29.07.19	KRITI	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 24.07.19
2	23.07.19	MOHIT	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 07.06.19
1	16.05.19	TANVI	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 30.04.19 2. DRAWINGS REVISED AS PER MOM DATED 25.04.19

NOTES:-

1. ALL DIMENSIONS ARE IN MM.
2. ALL LEVELS MENTIONED ARE FINISHED FLOOR LEVELS.

AREA STATEMENT:-

1. TOTAL GROUND FLOOR AREA:- 1307 SQ.M.
2. FIRST FLOOR AREA:- 1307 SQ.M.
3. SECOND FLOOR AREA:- 1241 SQ.M.
4. THIRD FLOOR AREA:- 1045 SQ.M.
5. FOURTH FLOOR AREA:- 942 SQ.M.
6. ATRIUM AREA - 127 SQ.M.
7. NET AREA :-5334 SQ.M.

REFERENCE DRAWING NO:-

ARCHITECTURAL DRAWINGS:-

1. 9585-001-315-PVC-C-0202 PE-DG-434-640-C003 ARCH. FIRST FLOOR PLAN.
2. 9585-001-315-PVC-C-0203 PE-DG-434-640-C004 ARCH. SECOND FLOOR PLAN.
3. 9585-001-315-PVC-C-0204 PE-DG-434-640-C005 ARCH. THIRD FLOOR PLAN.
4. 9585-001-315-PVC-C-0205 PE-DG-434-640-C006 ARCH. FOURTH FLOOR PLAN.
5. 9585-001-315-PVC-C-0206 PE-DG-434-640-C007 ARCH. TERRACE FLOOR PLAN.
6. 9585-001-315-PVC-C-0207A PE-DG-434-640-C008 ARCH. ELEVATION (SHEET 1 OF 2 & SHEET 2 OF 2).
7. 9585-001-315-PVC-C-0207B PE-DG-434-640-C009 ARCH. ELEVATION (SHEET 1 OF 2 & SHEET 2 OF 2).
8. 9585-001-315-PVC-C-0208 & PE-DG-434-640-C010 ARCH. SECTIONS (SHEET 1 OF 2 SHEET 2 OF 2).
9. 9585-001-315-PVC-C-0210 PE-DG-434-640-C015 ARCH. DOOR & WINDOW DETAILS.
10. 9585-001-315-PVC-C-0211 PE-DG-434-640-C016 ARCH. TOILET & PANTRY DETAILS.

STRUCTURE DRAWINGS:-

1. 9585-001-315-PVC-C-0221A PE-DG-434-640-C026 G.A. & R/F DEATILS OF COLUMN
2. 9585-001-315-PVC-C-0221H PE-DG-434-640-C027 G.A. & R/F DEATILS OF PLINTH BEAM
3. 9585-001-315-PVC-C-0224 PE-DG-434-640-C032 G.A. & R/F DEATILS OF FLOOR BEAMS & SLAB
4. 9585-001-315-PVC-C-0240 PE-DG-434-612-C071 MHP BUILDING- INTERCONNECTION GALLERY POWER HOUSE TO SERVICE BUILDING.

NOTE:-

PLASTER:-

1. EXTERNAL PLASTER ON BRICK WALL 18MM THK ROUGH FACE & 12MM THICK SMOOTH FACE
2. INTERNAL PLASTER ON BRICK WALL SMOOTH FACE 12MM THICK & ROUGH FACE 18MM THICK (CEMENT SAND PLASTER IN 1:6 ON BRICK WALL)

LEGENDS:

- 345 MM THICK FULL HEIGHT BRICK WALL IN MCC
- 250 MM THICK AAC BLOCK FULL HEIGHT WALL
- 230 MM THICK FULL HEIGHT BRICK WALL IN LIFT
- 250 MM THICK FULL HEIGHT SHEAR WALL
- 200 MM THICK AAC BLOCK WALL HEIGHT UPTO FALSE CEILING
- 150 MM AAC BLOCK (PARTITION)WALL HEIGHT UPTO 2200MM.
- LEVEL MARK
- LEVEL DROP
- COLUMN

NOTES:-

1. 70MM MARGIN FOR FLOOR FINISH TO BE KEPT FOR PROVISIONOF METALLIC RACEWAYS.

NTPC DRAWING NO. 9585-001-315-PVC-C-0201

PROJECT : PVUNL PATRATU SUPER THERMAL POWER PLANT (3X800MW)

OWNER : एन टी पी सी लिमिटेड NTPC Limited (A Government of India Enterprise) CONSULTANCY WING

CONTRACTOR: NTPC BHEL Power Projects Private Limited

ENGG. SUB CONTRACTOR: BHARAT HEAVY ELECTRICALS LTD POWER SECTOR PROJECT ENGINEERING MANAGEMENT NEW DELHI

CIVIL CONTRACTOR: BHAVANI ERECTORS PRIVATE LIMITED

ARCHITECTURAL CONSULTANT: GREENTREE BUILDING ENERGY (P) LTD.

DRAWING	NAME	SIGN	DATE
DRN	TANVI	TAN	12/04/19
DESN	SANCHIT	SAN	12/04/19
CHD	SANCHIT	SAN	12/04/19
APPD	ANURAG	ANG	12/04/19

JOB NO. / STATUS / DRG./REF. NO. (INTERNAL) / PRINT SCALE IN METRE

TITLE: **SERVICE BUILDING** ARCHITECTURAL GROUND FLOOR PLAN AT EL+0.00M(FFL)

MPL | ELEC | C&I | MSE | MAX | DEPT. SIGN DATE | SCALE 1:100

DRAWING NO. PE-DG-434-640-C002 SHEET 1 OF 1 REV. 4C

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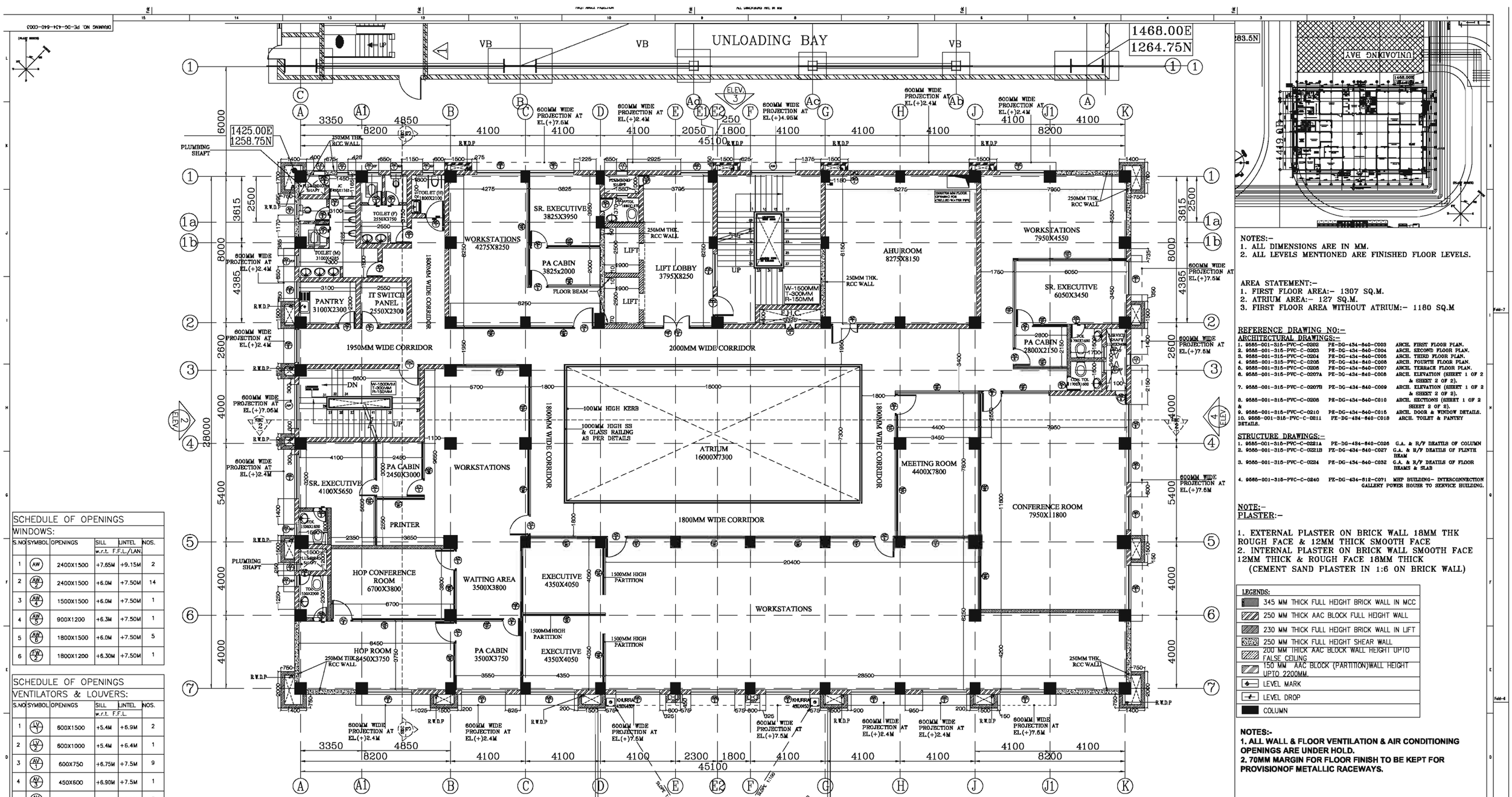


NOTES:-
1. ALL DIMENSIONS ARE IN MM.
2. ALL LEVELS MENTIONED ARE FINISHED FLOOR LEVELS.

AREA STATEMENT:-
1. FIRST FLOOR AREA:- 1307 SQ.M.
2. ATRIUM AREA:- 127 SQ.M.
3. FIRST FLOOR AREA WITHOUT ATRIUM:- 1180 SQ.M

REFERENCE DRAWING NO:-
ARCHITECTURAL DRAWINGS:-

1. 9585-001-315-PVC-C-0202	PE-DG-434-640-C003	ARCH. FIRST FLOOR PLAN.
2. 9585-001-315-PVC-C-0203	PE-DG-434-640-C004	ARCH. SECOND FLOOR PLAN.
3. 9585-001-315-PVC-C-0204	PE-DG-434-640-C005	ARCH. THIRD FLOOR PLAN.
4. 9585-001-315-PVC-C-0205	PE-DG-434-640-C006	ARCH. FOURTH FLOOR PLAN.
5. 9585-001-315-PVC-C-0206	PE-DG-434-640-C007	ARCH. TERRACE FLOOR PLAN.
6. 9585-001-315-PVC-C-0207A	PE-DG-434-640-C008	ARCH. ELEVATION (SHEET 1 OF 2 & SHEET 2 OF 2).
7. 9585-001-315-PVC-C-0207B	PE-DG-434-640-C009	ARCH. ELEVATION (SHEET 1 OF 2 & SHEET 2 OF 2).
8. 9585-001-315-PVC-C-0208 &	PE-DG-434-640-C010	ARCH. SECTIONS (SHEET 1 OF 2 SHEET 2 OF 2).
9. 9585-001-315-PVC-C-0210	PE-DG-434-640-C015	ARCH. DOOR & WINDOW DETAILS.
10. 9585-001-315-PVC-C-0211 DETAILS.	PE-DG-434-640-C018	ARCH. TOILET & PANTRY

STRUCTURE DRAWINGS:-

1. 9585-001-315-PVC-C-0221A	PE-DG-434-640-C026	G.A. & R/F DRAITLS OF COLUMN
2. 9585-001-315-PVC-C-0221B	PE-DG-434-640-C027	G.A. & R/F DRAITLS OF PLINTH BEAM
3. 9585-001-315-PVC-C-0224	PE-DG-434-640-C032	G.A. & R/F DRAITLS OF FLOOR BEAMS & SLAB
4. 9585-001-315-PVC-C-0240	PE-DG-434-512-C071	MHP BUILDING- INTERCONNECTION GALLERY POWER HOUSE TO SERVICE BUILDING.

NOTE:-
PLASTER:-

1. EXTERNAL PLASTER ON BRICK WALL 18MM THK ROUGH FACE & 12MM THICK SMOOTH FACE
2. INTERNAL PLASTER ON BRICK WALL SMOOTH FACE 12MM THICK & ROUGH FACE 18MM THICK (CEMENT SAND PLASTER IN 1:6 ON BRICK WALL)

LEGENDS:

	345 MM THICK FULL HEIGHT BRICK WALL IN MCC
	250 MM THICK AAC BLOCK FULL HEIGHT WALL
	230 MM THICK FULL HEIGHT BRICK WALL IN LIFT
	250 MM THICK FULL HEIGHT SHEAR WALL
	200 MM THICK AAC BLOCK WALL HEIGHT UPTO FALSE CEILING
	150 MM AAC BLOCK (PARTITION)WALL HEIGHT UPTO 2200MM.
	LEVEL MARK
	LEVEL DROP
	COLUMN

NOTES:-
1. ALL WALL & FLOOR VENTILATION & AIR CONDITIONING OPENINGS ARE UNDER HOLD.
2. 70MM MARGIN FOR FLOOR FINISH TO BE KEPT FOR PROVISIONOF METALLIC RACEWAYS.

SCHEDULE OF OPENINGS
WINDOWS:

S.NO	SYMBOL	OPENINGS	SILL w.r.t. F.F.L.	LINTEL F.F.L./LAN.	NOS.
1	AW	2400X1500	+7.65M	+9.15M	2
2	AW/2	2400X1500	+6.0M	+7.50M	14
3	AW/4	1500X1500	+6.0M	+7.50M	1
4	AW/5	900X1200	+6.3M	+7.50M	1
5	AW/6	1800X1500	+6.0M	+7.50M	5
6	FW/2	1800X1200	+6.30M	+7.50M	1

SCHEDULE OF OPENINGS
VENTILATORS & LOUVERS:

S.NO	SYMBOL	OPENINGS	SILL w.r.t. F.F.L.	LINTEL	NOS.
1	LV	600X1500	+5.4M	+6.9M	2
2	LV/2	600X1000	+5.4M	+6.4M	1
3	AV/1	600X750	+6.75M	+7.5M	9
4	AV/3	450X600	+6.90M	+7.5M	1
5	AV/4	600X600	+6.90M	+7.5M	3
6	EF	300MM Ø EXHAUST FAN 7.85M CENTER TO F.F.L.			9

SCHEDULE OF OPENINGS
DOORS:

S.NO	SYMBOL	OPENINGS	SILL w.r.t.	LINTEL F.F.L.	NOS.
1	AD	1500x2400	+5.1M	+7.5M	1
2	AD/2	1200X2400	+5.1M	+7.5M	9
3	AD/4	1000X2400	+5.1M	+7.5M	2
4	AD/5	1050X2400	+5.1M	+7.5M	7
5	AD/6	800X1800	+5.4M	+7.2M	5
6	WD/1	1050X2400	+5.1M	+7.5M	1
7	WD/2	900X2400	+5.1M	+7.5M	2
8	WD/3	800X2100	+5.1M	+7.2M	9
9	WD/4	600X1800	+5.4M	+7.2M	1
1D	SD/1	1500x2400	+5.1M	+7.5M	1
11	FDL	1200x2400	+5.1M	+7.5M	2

FINISHING SCHEDULE

INTERNAL FINISHING SCHEDULE– GROUND FLOOR

AREA	FLOORING	WALL SKIRTING	WALL DADO	WALL PAINTING	CEILING FALSE CEILING	CEILING PAINTING	REMARKS
HOP ROOM	G	G	—	1	10	—	
HOP CONFERENCE ROOM	G	G	—	1	10	—	
PA CABIN	B	B	—	1	10	—	
WAITING AREA	B	B	—	1	10	—	
SR. EXECUTIVE ROOM	G	G	—	1	10	—	
WORKSTATIONS	B	B	—	1	10	—	
CONFERENCE ROOM	G	G	—	1	10	—	
MEETING ROOM	B	B	—	1	10	—	
IT SWITCH PANEL ROOM	B	B	—	1	10	—	
PANTRY	A	—	3	1	10	—	
TOILET	A	—	3	1	8	—	
AHU ROOM	C	C	—	2	—	2	
LIFT LOBBY	F	F	—	5&6	9	—	
STAIRCASE	F	—	F	2	—	2	
CORRIDOR	B	B	—	1	9	—	
LIFT WALL FACIA	—	—	5&6	4	—	—	FALSE CEILING AS PER APPROVED PATTERN/ DRAWING.

EXTERNAL FINISHING SCHEDULE

EXTERNAL FINISH	EXTERNAL FINISH SHALL BE COMBINATION OF PREMIUM ACRYLIC SMOOTH EXTERIOR PAINT & ALUMINIUM COMPOSITE PANEL AS/ELEVATION DETAIL DRG.

ALL WALL ABOVE FALSE CEILING SHALL BE PLASTERED

SCHEDULE OF WALL OPENINGS

S.NO	SYMBOL	OPENINGS	LOCATION	DESCRIPTION	BOTTOM w.r.t. F.F.L.	TOP	NOS.
1	WO/4	380MM DIA.	AHU ROOM	FRESH AIR FAN	+7.5M	+10.5M	1

SCHEDULE OF FINISHES

A	HEAVY DUTY DUST PRESSED CERAMIC TILES.
B	VETRIFIED CERAMIC TILES.
C	CEMENT CONCRETE WITH METALLIC HARDENER TOPPING
D	CEMENT CONCRETE WITH METALLIC HARDENER TOPPING & FALSE FLOOR
E	ACID, ALKALI RESISTANT TILE.
F	18MM THICK POLISHED GRANITE STONE AS/ PATTERN
G	LAMINATED WOODEN FLOORING
H	PRECAST POLISHED HEAVY DUTY CEMENT CONCRETE TILES
I	HIGH SRI (SOLAR REFLECTIVE INDEX) TILES AS PER APPROVED SAMPLE

FLOORING/SKIRTING

SCHEDULE OF FINISHES

FALSE CEILING/PAINTING

1	ACRYLIC EMULSION PAINT
2	ACRYLIC DISTEMPER
3	DESIGNER CERAMIC WALL TILES DADO UP TO FALSE CEILING LEVEL.
4	TEXTURED PAINT
5	GLASS MOSAIC TILES MURALS
6	18MM THICK POLISHED GRANITE CLADDING
7	WOODEN PANELING AS PER ACOUSTIC REQUIREMENT.
8	CALCIUM SILICATE FALSE CEILING
9	METAL FALSE CEILING IN TILE FORM IN COMBINATION WITH GRG PLASTER BOARD FALSE CEILING
10	MINERAL FIBRE BOARD FALSE CEILING IN COMBINATION WITH GRG PLASTER BOARD FALSE CEILING
11	20MM THK. ACID RESISTANT TILES UPTO 1.2M HEIGHT AS PER APPROVED SAMPLE
12	TWO COATS OF CHLORINATED RUBBER ACID RESISTANT PAINT OVER CHLORINATED RUBBER ZINC PHOSPHATE PRIMER AS PER APPROVED SAMPLE

REV	DATE	ALTD	CHD	APPD
1.	24.09.20	KRITI	SANCHIT	ANURAG
2.				

DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 03.09.19 TRANSMITTAL NO. 5071

DRAWINGS REVISED AS PER REVISED STRUCRURAL COLUMN LAYOUT

REV	DATE	ALTD	CHD	APPD
1.	29.07.19	KRITI	SANCHIT	ANURAG

DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 24.07.19

REV	DATE	ALTD	CHD	APPD
1.	23.07.19	MOHIT	SANCHIT	ANURAG

DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 07.06.19

REV	DATE	ALTD	CHD	APPD
1.	16.05.19	TANVI	SANCHIT	ANURAG
2.				

DRAWINGS REVISED AS PER MOM DATED 25.04.19

JOB NO.
STATUS
DRG./REF. NO. (WHERE)
PRINT SCALE IN METRE

NTPC DRAWING NO. 9585-001-315-PVC-C-0202

PROJECT : PVUNL PATRATU SUPER THERMAL POWER PLANT (3X800MW)

OWNER : एन टी पी सी लिमिटेड NTPC Limited (A Government of India Enterprise) CONSULTANCY WING

CONTRACTOR: NTPC BHEL Power Projects Private Limited

ENGG. SUB CONTRACTOR: BHARAT HEAVY ELECTRICALS LTD POWER SECTOR PROJECT ENGINEERING MANAGEMENT NEW DELHI

CIVIL CONTRACTOR: BHAVANI ERECTORS PRIVATE LIMITED

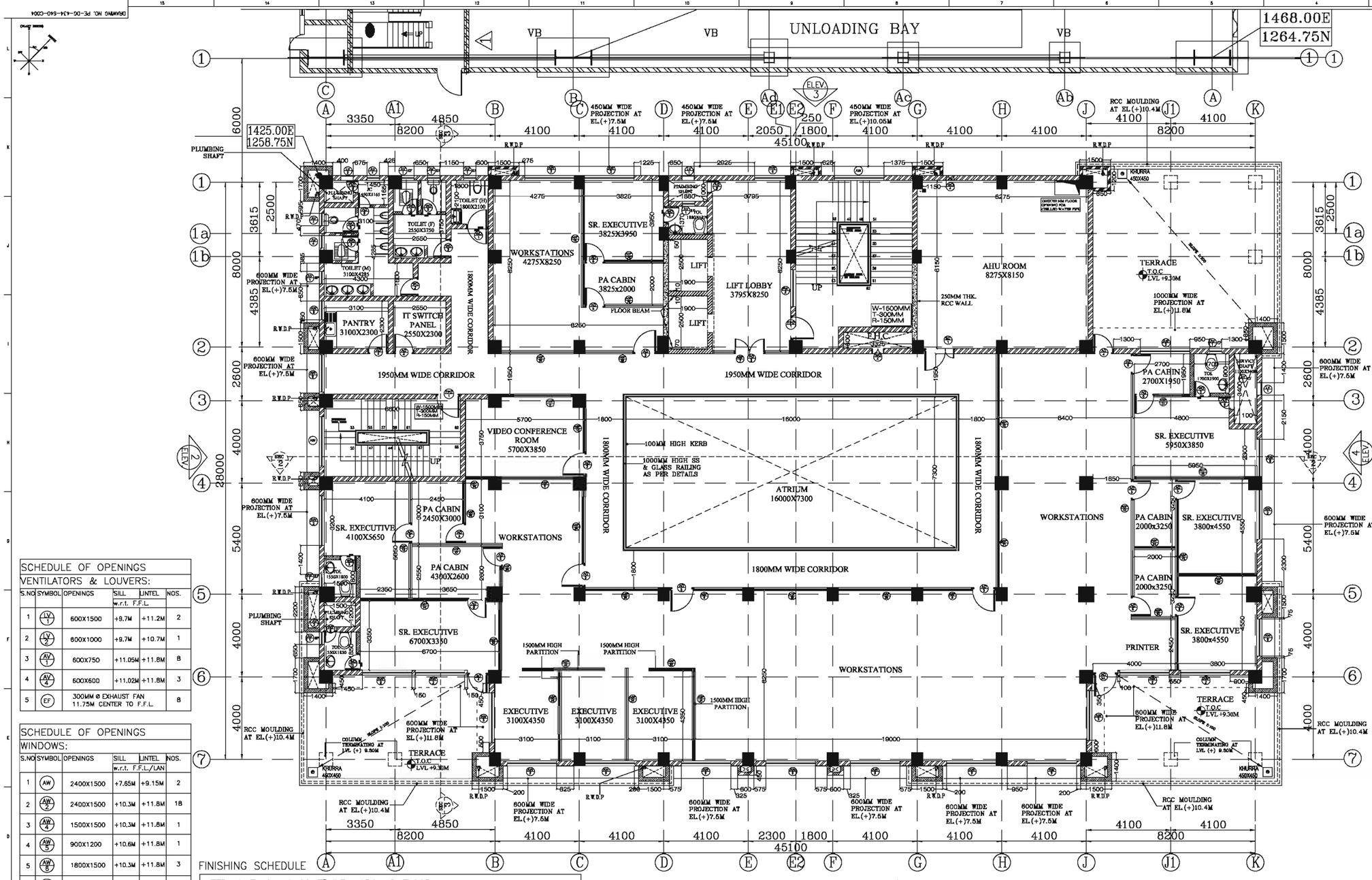
ARCHITECTURAL CONSULTANT: GREENTREE BUILDING ENERGY (P) LTD.

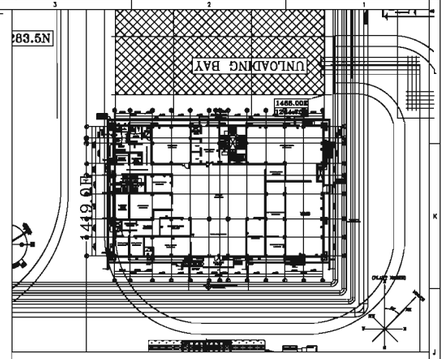
DRAWING	NAME	SIGN	DATE
DRN	TANVI	SAN	12/06/19
DESN	SANCHIT	SAN	12/06/19
CHD	SANCHIT	SAN	12/06/19
APPD	ANURAG	ANU	12/06/19

TITLE: **SERVICE BUILDING**
ARCHITECTURAL FIRST FLOOR PLAN AT EL+5.10M(FFL)

MPL	ELEC	C&I	MSE	MAX	DEPT.	SCALE 1:100	DRAWING NO.
					SIGN		PE-DG-434-640-C003
					DATE		SHEET 1 OF 1 REV. 4C

Jun 16, 2021 – 10:59am
REV. 4A FORMAT SIZE A1





NOTES:-
1. ALL DIMENSIONS ARE IN MM.
2. ALL LEVELS MENTIONED ARE FINISHED FLOOR LEVELS.

AREA STATEMENT:-
1. SECOND FLOOR AREA:- 1241 SQ.M.
2. ATRIUM AREA:- 127 SQ.M.
3. SECOND FLOOR AREA WITHOUT ATRIUM :- 1114 SQ.M.

REFERENCE DRAWING NO:-

ARCHITECTURAL DRAWINGS:-

1. 9585-001-315-PVC-C-0201	PE-DG-434-640-C002	ARCH. GROUND FLOOR PLAN.
2. 9585-001-315-PVC-C-0202	PE-DG-434-640-C003	ARCH. FIRST FLOOR PLAN.
3. 9585-001-315-PVC-C-0204	PE-DG-434-640-C005	ARCH. THIRD FLOOR PLAN.
4. 9585-001-315-PVC-C-0205	PE-DG-434-640-C006	ARCH. FOURTH FLOOR PLAN.
5. 9585-001-315-PVC-C-0206	PE-DG-434-640-C007	ARCH. TERRACE FLOOR PLAN.
6. 9585-001-315-PVC-C-0207A	PE-DG-434-640-C008	ARCH. ELEVATION (SHEET 1 OF 2 & SHEET 2 OF 2).
7. 9585-001-315-PVC-C-0207B	PE-DG-434-640-C009	ARCH. ELEVATION (SHEET 1 OF 2 & SHEET 2 OF 2).
8. 9585-001-315-PVC-C-0208	PE-DG-434-640-C010	ARCH. SECTIONS (SHEET 1 OF 2 & SHEET 2 OF 2).
9. 9585-001-315-PVC-C-0210	PE-DG-434-640-C015	ARCH. DOOR & WINDOW DETAILS.
10. 9585-001-315-PVC-C-0211	PE-DG-434-640-C016	ARCH. TOILET & PANTRY DETAILS.

STRUCTURE DRAWINGS:-

1. 9585-001-315-PVC-C-0221A	PE-DG-434-640-C026	G.A. & R/F DEATILS OF COLUMN
2. 9585-001-315-PVC-C-0221B	PE-DG-434-640-C027	G.A. & R/F DEATILS OF PLINTH BEAM
3. 9585-001-315-PVC-C-0224	PE-DG-434-640-C032	G.A. & R/F DEATILS OF FLOOR BEAMS & SLAB
4. 9585-001-315-PVC-C-0240	PE-DG-434-512-C071	MEP BUILDING- INTERCONNECTION GALLERY POWER HOUSE TO SERVICE BUILDING.

NOTE:-
PLASTER:-

1. EXTERNAL PLASTER ON BRICK WALL 18MM THK ROUGH FACE & 12MM THICK SMOOTH FACE
2. INTERNAL PLASTER ON BRICK WALL SMOOTH FACE 12MM THICK & ROUGH FACE 18MM THICK (CEMENT SAND PLASTER IN 1:6 ON BRICK WALL)

LEGENDS:

	345 MM THICK FULL HEIGHT BRICK WALL IN MCC
	250 MM THICK AAC BLOCK FULL HEIGHT WALL
	230 MM THICK FULL HEIGHT BRICK WALL IN LIFT
SHEAR WALL	250 MM THICK FULL HEIGHT SHEAR WALL
	200 MM THICK AAC BLOCK WALL HEIGHT UPTO FALSE CEILING
	150 MM AAC BLOCK (PARTITION)WALL HEIGHT UPTO 2200MM.
	LEVEL MARK
	LEVEL DROP
	COLUMN

NOTES:-
1. ALL WALL & FLOOR VENTILATION & AIR CONDITIONING OPENINGS ARE UNDER HOLD.
2. 70MM MARGIN FOR FLOOR FINISH TO BE KEPT FOR PROVISIONOF METALLIC RACEWAYS.

SCHEDULE OF OPENINGS
VENTILATORS & LOUVERS:

S.NO	SYMBOL	OPENINGS	SILL w.r.t. F.F.L.	LINTEL	NOS.
1	LV/1	600X1500	+9.7M	+11.2M	2
2	LV/2	600X1000	+9.7M	+10.7M	1
3	AV/3	600X750	+11.05M	+11.8M	8
4	AV/4	600X600	+11.02M	+11.8M	3
5	EF	300MM Ø EXHAUST FAN 11.75M CENTER TO F.F.L.			8

SCHEDULE OF OPENINGS
WINDOWS:

S.NO	SYMBOL	OPENINGS	SILL w.r.t. F.F.L./LAN	LINTEL	NOS.
1	AW	2400X1500	+7.65M	+9.15M	2
2	AW/2	2400X1500	+10.3M	+11.8M	18
3	AW/4	1500X1500	+10.3M	+11.8M	1
4	AW/5	900X1200	+10.6M	+11.8M	1
5	AW/6	1800X1500	+10.3M	+11.8M	3
6	EW/2	1800X1200	+10.6M	+11.8M	1

SCHEDULE OF OPENINGS
DOORS:

S.NO	SYMBOL	OPENINGS	SILL w.r.t. F.F.L.	LINTEL	NOS.
1	AD/2	1500x2400	+9.4M	+11.8M	1
2	AD/3	1200X2400	+9.4M	+11.8M	5
3	AD/3A	1200X2400	+9.4M	+11.8M	1
4	AD/4	1000X2400	+9.4M	+11.8M	3
5	AD/5	1050X2400	+9.4M	+11.8M	12
6	AD/6	600X1800	+9.7M	+11.5M	5
7	WD/1	1050X2400	+9.4M	+11.8M	1
8	WD/2	900X2400	+9.4M	+11.8M	2
9	WD/3	800X2100	+9.4M	+11.5M	8
10	WD/4	600X1800	+9.7M	+11.5M	1
11	SD	1500x2400	+9.4M	+11.8M	1
12	FDD/1	1200x2400	+9.4M	+11.8M	2

FINISHING SCHEDULE

INTERNAL FINISHING SCHEDULE– GROUND FLOOR

AREA	FLOORING	WALL SKIRTING	WALL DADO	WALL PAINTING	CEILING FALSE CEILING	CEILING PAINTING	REMARKS
PA CABIN	B	B	—	1	10	—	
SR. EXECUTIVE ROOM	G	G	—	1	10	—	
EXECUTIVE ROOM	B	B	—	1	10	—	
WORKSTATIONS	B	B	—	1	10	—	
VIDEO CONFERENCE ROOM	G	G	—	1	10	—	
MEETING ROOM	B	B	—	1	10	—	
IT SWITCH PANEL ROOM	B	B	—	1	10	—	
PANTRY	A	—	3	1	10	—	
TOILET	A	—	3	1	8	—	
AHU ROOM	C	C	—	2	—	2	
LIFT LOBBY	F	F	—	5&6	9	—	
STAIRCASE	F	—	F	2	—	2	
CORRIDOR	B	B	—	1	9	—	
TERRACE	1	—	1	—	—	—	
LIFT WALL FACIA	—	—	5&6	4	—	—	FALSE CEILING AS PER APPROVED PATTERN/ DRAWING.

EXTERNAL FINISHING SCHEDULE

EXTERNAL FINISH	EXTERNAL FINISH SHALL BE COMBINATION OF PREMIUM ACRYLIC SMOOTH EXTERIOR PAINT & ALLUMINIUM COMPOSITE PANEL AS/ELEVATION DETAIL DRG.

ALL WALL ABOVE FALSE CEILING SHALL BE PLASTERED

SCHEDULE OF WALL OPENINGS

S.NO	SYMBOL	OPENINGS	LOCATION	DESCRIPTION	BOTTOM w.r.t. F.F.L.	TOP	NOS.
1	WO/4	380MM DIA.	AHU ROOM	FRESH AIR FAN	+11.80M	+12.18M	1

SCHEDULE OF FINISHES

FLOORING/SKIRTING

A	HEAVY DUTY DUST PRESSED CERAMIC TILES.
B	VETRIFIED CERAMIC TILES.
C	CEMENT CONCRETE WITH METALLIC HARDENER TOPPING
D	CEMENT CONCRETE WITH METALLIC HARDENER TOPPING & FALSE FLOOR
E	ACID, ALKALI RESISTANT TILE.
F	18MM THICK POLISHED GRANITE STONE AS/ PATTERN
G	LAMINATED WOODEN FLOORING
H	PRECAST POLISHED HEAVY DUTY CEMENT CONCRETE TILES
I	HIGH SR (SOLAR REFLECTIVE INDEX) TILES AS PER APPROVED SAMPLE

SCHEDULE OF FINISHES

FALSE CEILING/PAINTING

1	ACRYLIC EMULSION PAINT
2	ACRYLIC DISTEMPER
3	DESIGNER CERAMIC WALL TILES DADO UP TO FALSE CEILING LEVEL.
4	TEXTURED PAINT
5	GLASS MOSAIC TILES MURALS
6	18MM THICK POLISHED GRANITE CLADDING
7	WOODEN PANELING AS PER ACOUSTIC REQUIREMENT.
8	CALCIUM SILICATE FALSE CEILING
9	METAL FALSE CEILING IN TILE FORM IN COMBINATION WITH GRG PLASTER BOARD FALSE CEILING
10	MINERAL FIBRE BOARD FALSE CEILING IN COMBINATION WITH GRG PLASTER BOARD FALSE CEILING
11	20MM THK. ACID RESISTANT TILES UPTO 1.2M HEIGHT AS PER APPROVED SAMPLE
12	TWO COATS OF CHLORINATED RUBBER ACID RESISTANT PAINT OVER CHLORINATED RUBBER ZINC PHOSPHATE PRIMER AS PER APPROVED SAMPLE

REV	DATE	ALTD	CHD	APPD
1.	24.09.20	KRITI	SANCHIT	ANURAG

DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 03.09.19 TRANSMITTAL NO. 5070

2. DRAWINGS REVISED AS PER REVISED STRUCRURAL COLUMN LAYOUT

REV	DATE	ALTD	CHD	APPD
1.	29.07.19	KRITI	SANCHIT	ANURAG

DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 24.07.19

REV	DATE	ALTD	CHD	APPD
1.	23.07.19	MOHIT	SANCHIT	ANURAG

DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 07.06.19

REV	DATE	ALTD	CHD	APPD
1.	16.05.19	TANVI	SANCHIT	ANURAG

DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 30.04.19

2. DRAWINGS REVISED AS PER MOM DATED 25.04.19

NTPC DRAWING NO. 9585-001-315-PVC-C-0203

PROJECT :
PVUNL PATRATU SUPER THERMAL POWER PLANT
(3X800MW)

OWNER :
एन टी पी सी लिमिटेड
NTPC Limited
(A Government of India Enterprise)
CONSULTANCY WING

CONTRACTOR:
NTPC BHEL Power Projects Private Limited

ENGG. SUB CONTRACTOR:
BHARAT HEAVY ELECTRICALS LTD
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NEW DELHI

CIVIL CONTRACTOR:
BHAVANI ERECTORS PRIVATE LIMITED

JOB NO.
STATUS
DRG./REF. NO. (INTERNAL)
PRINT SCALE IN METRE

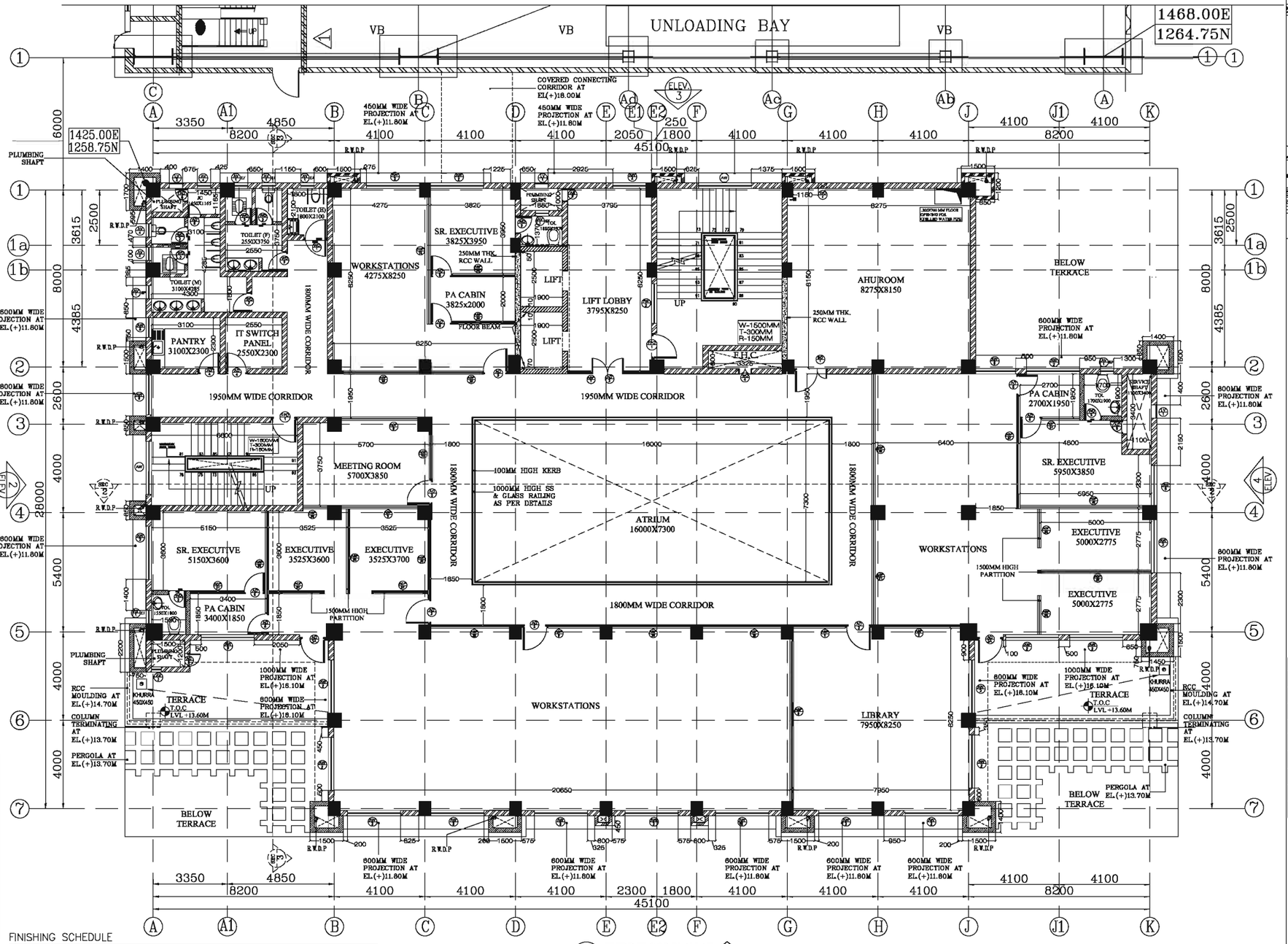
ARCHITECTURAL CONSULTANT:
GREENTREE BUILDING ENERGY (P) LTD

	DRAWN	MANC	DSGN	DATE
	CHKD	SANCHIT	SAN	12/04/19
	CHD	SANCHIT	SAN	12/04/19
	APPD	ANURAG	ANU	12/04/19

TITLE
SERVICE BUILDING
ARCHITECTURAL SECOND FLOOR PLAN AT EL+9.40M(FFL)

MPL	ELEC	C&I	MSE	MAX	DEPT.	SCALE 1:100	DRAWING NO.
					SIGN		PE-DG-434-640-C004
					DATE		SHEET 1 OF 1 REV. 4C

Jun 16, 2021 – 11:00am
REV. 4A FORMAT SIZE A1



NOTES:-
1. ALL DIMENSIONS ARE IN MM.
2. ALL LEVELS MENTIONED ARE FINISHED FLOOR LEVELS.

AREA STATEMENT:-
1. THIRD FLOOR AREA:- 1045 SQ.M.
2. ATRIUM AREA:- 127 SQ.M.
3. THIRD FLOOR AREA WITHOUT ATRIUM :- 918 SQ.M.

REFERENCE DRAWING NO:-
ARCHITECTURAL DRAWINGS:-

1. 9585-001-315-PVC-C-0201	PE-DG-434-640-C002	ARCH. GROUND FLOOR PLAN.
2. 9585-001-315-PVC-C-0202	PE-DG-434-640-C003	ARCH. FIRST FLOOR PLAN.
3. 9585-001-315-PVC-C-0203	PE-DG-434-640-C004	ARCH. SECOND FLOOR PLAN.
4. 9585-001-315-PVC-C-0204	PE-DG-434-640-C005	ARCH. FOURTH FLOOR PLAN.
5. 9585-001-315-PVC-C-0205	PE-DG-434-640-C007	ARCH. TERRACE FLOOR PLAN.
6. 9585-001-315-PVC-C-0207A	PE-DG-434-640-C008	ARCH. ELEVATION (SHEET 1 OF 2 & SHEET 2 OF 2).
7. 9585-001-315-PVC-C-0207B	PE-DG-434-640-C009	ARCH. ELEVATION (SHEET 1 OF 2 & SHEET 2 OF 2).
8. 9585-001-315-PVC-C-0208 &	PE-DG-434-640-C010	ARCH. SECTIONS (SHEET 1 OF 2 SHEET 2 OF 2).
9. 9585-001-315-PVC-C-0210	PE-DG-434-640-C015	ARCH. DOOR & WINDOW DETAILS.
10. 9585-001-315-PVC-C-0211 DETAILS.	PE-DG-434-640-C018	ARCH. TOILET & PANTRY

STRUCTURE DRAWINGS:-

1. 9585-001-315-PVC-C-0221A	PE-DG-434-640-C026	G.A. & R/F DEATILS OF COLUMN
2. 9585-001-315-PVC-C-0221B	PE-DG-434-640-C027	G.A. & R/F DEATILS OF PLINTH BEAM
3. 9585-001-315-PVC-C-0224	PE-DG-434-640-C038	G.A. & R/F DEATILS OF FLOOR BEAMS & SLAB
4. 9585-001-315-PVC-C-0240	PE-DG-684-812-C071	MEP BUILDING- INTERCONNECTION GALLERY POWER HOUSE TO SERVICE BUILDING.

NOTE:-
PLASTER:-

1. EXTERNAL PLASTER ON BRICK WALL 18MM THK ROUGH FACE & 12MM THICK SMOOTH FACE
2. INTERNAL PLASTER ON BRICK WALL SMOOTH FACE 12MM THICK & ROUGH FACE 18MM THICK (CEMENT SAND PLASTER IN 1:6 ON BRICK WALL)

LEGENDS:

	345 MM THICK FULL HEIGHT BRICK WALL IN MCC
	250 MM THICK AAC BLOCK FULL HEIGHT WALL
	230 MM THICK FULL HEIGHT BRICK WALL IN LIFT
	250 MM THICK FULL HEIGHT SHEAR WALL
	200 MM THICK AAC BLOCK WALL HEIGHT UPTO FALSE CEILING
	150 MM AAC BLOCK (PARTITION)WALL HEIGHT UPTO 2200MM.
	LEVEL MARK
	LEVEL DROP
	COLUMN

NOTES:-
1. ALL WALL & FLOOR VENTILATION & AIR CONDITIONING OPENINGS ARE UNDER HOLD.
2. 70MM MARGIN FOR FLOOR FINISH TO BE KEPT FOR PROVISIONOF METALLIC RACEWAYS.

SCHEDULE OF OPENINGS
VENTILATORS & LOUVERS:

S.NO	SYMBOL	OPENINGS	SILL w.r.t. F.F.L.	LINTEL	NOS.
1	V1	600X1500	+14.0M	+15.5M	2
2	V2	600X1000	+14.0M	+15.0M	1
3	V3	600X750	+15.35M	+16.1M	7
4	V4	450X600	+15.50M	+16.1M	1
5	V4	600X600	+15.50M	+16.1M	3
6	EF	300MM Ø EXHAUST FAN 16.45M CENTER TO F.F.L.			7

SCHEDULE OF OPENINGS
WINDOWS:

S.NO	SYMBOL	OPENINGS	SILL w.r.t. F.F.L./LAN	LINTEL	NOS.
1	AW	2400X1500	+11.95M	+13.45M	2
2	AW2	2400X1500	+14.6M	+16.1M	19
3	AW4	1500X1500	+14.6M	+16.1M	1
4	AW5	900X1200	+14.9M	+16.1M	1
5	AW6	1800X1500	+14.6M	+16.1M	3
6	EW2	1800X1200	+14.90M	+16.1M	1

SCHEDULE OF OPENINGS
DOORS:

S.NO	SYMBOL	OPENINGS	SILL w.r.t. F.F.L.	LINTEL	NOS.
1	AD2	1500x2400	+13.7M	+16.1M	1
2	AD3	1200X2400	+13.7M	+16.1M	5
3	AD4	1200X2400	+13.7M	+16.1M	2
4	AD4	1000X2400	+13.7M	+16.1M	2
5	AD5	1050X2400	+13.7M	+16.1M	6
6	AD6	600X1800	+14.0M	+15.8M	5
7	WD1	1050X2400	+13.7M	+16.1M	1
8	WD2	900X2400	+13.7M	+16.1M	2
9	WD3	800X2100	+13.7M	+15.8M	7
10	WD4	600X1800	+14.0M	+15.8M	1
11	SD1	1500x2400	+13.7M	+16.1M	1
12	FPD1	1200x2400	+13.7M	+16.1M	1

FINISHING SCHEDULE

INTERNAL FINISHING SCHEDULE- GROUND FLOOR

AREA	FLOORING	WALL SKIRTING	WALL DADO	WALL PAINTING	CEILING FALSE CEILING	CEILING PAINTING	REMARKS
PA CABIN	B	B	—	1	10	—	
SR. EXECUTIVE ROOM	C	C	—	1	10	—	
EXECUTIVE ROOM	B	B	—	1	10	—	
WORKSTATIONS	B	B	—	1	10	—	
LIBRARY	B	B	—	1	10	—	
MEETING ROOM	B	B	—	1	10	—	
IT SWITCH PANEL ROOM	B	B	—	1	10	—	
PANTRY	A	—	3	1	10	—	
TOILET	A	—	3	1	8	—	
AHU ROOM	C	C	—	2	—	2	
LIFT LOBBY	F	F	—	5&6	9	—	
STAIRCASE	F	—	F	2		2	
CORRIDOR	B	B	—	1	9	—	
TERRACE	1	1	—	1	—	—	
LIFT WALL FACIA	—	—	5&6	4	—	—	FALSE CEILING AS PER APPROVED PATTERN/ DRAWING.

EXTERNAL FINISHING SCHEDULE

EXTERNAL FINISH	EXTERNAL FINISH SHALL BE COMBINATION OF PREMIUM ACRYLIC SMOOTH EXTERIOR PAINT & ALUMINIUM COMPOSITE PANEL AS/ELEVATION DETAIL DRG.

ALL WALL ABOVE FALSE CEILING SHALL BE PLASTERED

SCHEDULE OF WALL OPENINGS

S.NO	SYMBOL	OPENINGS	LOCATION	DESCRIPTION	BOTTOM w.r.t. F.F.L.	TOP	NOS.
1	WO4	380MM DIA.	AHU ROOM	FRESH AIR FAN	+16.10M	+16.48M	1

SCHEDULE OF FINISHES

A	HEAVY DUTY DUST PRESSED CERAMIC TILES.
B	VETRIFIED CERAMIC TILES.
C	CEMENT CONCRETE WITH METALLIC HARDENER TOPPING
D	CEMENT CONCRETE WITH METALLIC HARDENER TOPPING & FALSE FLOOR
E	ACID, ALKALI RESISTANT TILE.
F	18MM THICK POLISHED GRANITE STONE AS/ PATTERN
G	LAMINATED WOODEN FLOORING
H	PRECAST POLISHED HEAVY DUTY CEMENT CONCRETE TILES
I	HIGH SRI (SOLAR REFLECTIVE INDEX) TILES AS PER APPROVED SAMPLE

FLOORING/SKIRTING

SCHEDULE OF FINISHES

1	ACRYLIC EMULSION PAINT
2	ACRYLIC DISTEMPER
3	DESIGNER CERAMIC WALL TILES DADO UP TO FALSE CEILING LEVEL
4	TEXTURED PAINT
5	GLASS MOSAIC TILES MURALS
6	18MM THICK POLISHED GRANITE CLADDING
7	WOODEN PANELING AS PER ACQUSTIC REQUIREMENT.
8	CALCIUM SILICATE FALSE CEILING
9	METAL FALSE CEILING IN TILE FORM IN COMBINATION WITH GRG PLASTER BOARD FALSE CEILING
10	MINERAL FIBRE BOARD FALSE CEILING IN COMBINATION WITH GRG PLASTER BOARD FALSE CEILING
11	20MM THK. ACID RESISTANT TILES UPTO 1.2M HEIGHT AS PER APPROVED SAMPLE
12	TWO COATS OF CHLORINATED RUBBER ACID RESISTANT PAINT OVER CHLORINATED RUBBER ZINC PHOSPHATE PRIMER AS PER APPROVED SAMPLE

FALSE CEILING/PAINTING

REV	DATE	ALTD	CHD	APPD
4	24.09.20	KRITI	SANCHIT	ANURAG
1.	DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 03.09.19 TRANSMITTAL NO. 5069			
2.	DRAWINGS REVISED AS PER REVISED STRUCRURAL COLUMN LAYOUT			

REV	DATE	ALTD	CHD	APPD
3	29.07.19	KRITI	SANCHIT	ANURAG
1.	DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 24.07.19			

REV	DATE	ALTD	CHD	APPD
2	23.07.19	MOHIT	SANCHIT	ANURAG
1.	DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 07.06.19			

REV	DATE	ALTD	CHD	APPD
1	16.05.19	TANVI	SANCHIT	ANURAG
1.	DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 30.04.19			
2.	DRAWINGS REVISED AS PER MOM DATED 25.04.19			

NTPC DRAWING NO. 9585-001-315-PVC-C-0204

PROJECT :
PVUNL PATRATU SUPER THERMAL POWER PLANT
(3X800MW)

OWNER :
एन टी पी सी लिमिटेड
NTPC Limited
(A Government of India Enterprise)
CONSULTANCY WING

CONTRACTOR:
NTPC BHEL Power Projects Private Limited

ENGG. SUB CONTRACTOR:
BHARAT HEAVY ELECTRICALS LTD
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NEW DELHI

CIVIL CONTRACTOR:
BHAVANI ERECTORS PRIVATE LIMITED

ARCHITECTURAL CONSULTANT:
GREENTREE BUILDING ENERGY (P) LTD.

	DRAWING	NAME	SIGN	DATE
DRN		TANVI		12/04/19
DSGN		SANCHIT		12/04/19
CHD		SANCHIT		12/04/19
APPD		ANURAG		12/04/19

TITLE
SERVICE BUILDING
ARCHITECTURAL THIRD FLOOR PLAN AT EL+13.70M(FFL)

MPL	ELEC	C&I	WSE	MAX	DEPT.	SCALE 1:100	DRAWING NO.
					SIGN		PE-DG-434-640-C005
					DATE		SHEET 1 OF 1 REV. 4C

JOB NO.
STATUS
DRG./REV. NO. (INTERNAL)
PRINT SCALE IN METRE

Jun 18, 2021 - 11:01am
REV. 4A FORMAT SIZE A1

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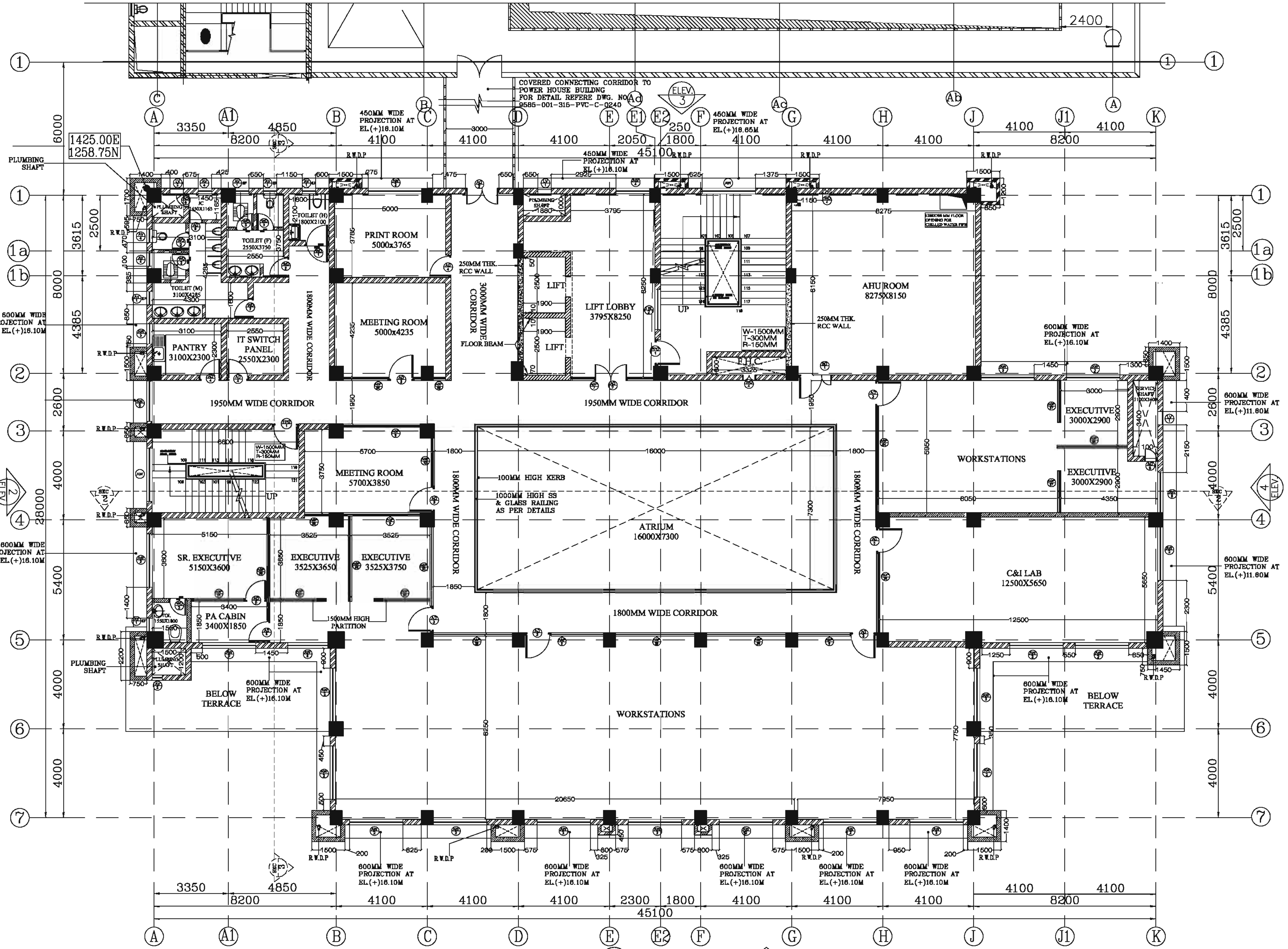
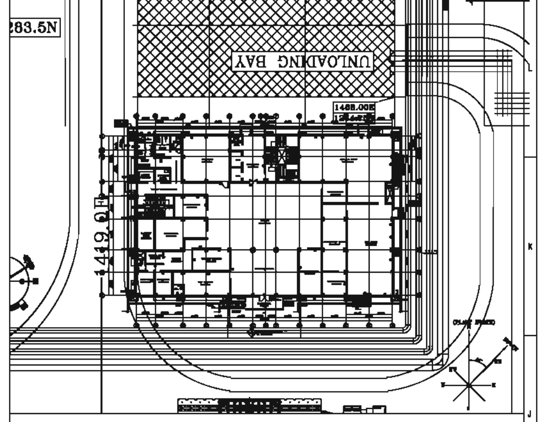




FOURTH FLOOR PLAN AT EL +18.00M LVL.

SCHEDULE OF OPENINGS

WINDOWS:

S.NO	SYMBOL	OPENINGS	SILL (w.r.t. F.F.L/LAN)	LINTEL (w.r.t. F.F.L/LAN)	NOS.
1	AW	2400X1500	+16.25M	+17.75M	2
2	AW/2	2400X1500	+18.9M	+20.4M	18
3	AW/3	2400X1500	+18.9M	+20.4M	1
4	AW/4	1500X1500	+18.9M	+20.4M	1
5	AW/5	900X1200	+19.2M	+20.4M	1
6	AW/6	1800X1500	+18.9M	+20.4M	2
7	FW/2	1800X1200	+19.2M	+20.4M	1

SCHEDULE OF OPENINGS

VENTILATORS & LOUVERS:

S.NO	SYMBOL	OPENINGS	SILL (w.r.t. F.F.L.)	LINTEL (w.r.t. F.F.L.)	NOS.
1	LV/1	600X1500	+18.3M	+19.8M	2
2	LV/2	600X1000	+18.3M	+19.3M	1
3	AV/1	600X750	+19.65M	+20.4M	5
4	AV/3	450X600	+19.80M	+20.4M	1
5	AV/4	600X600	+19.80M	+20.4M	3
6	EF	300MM Ø EXHAUST FAN 20.75M CENTER TO F.F.L.			5

SCHEDULE OF OPENINGS

DOORS:

S.NO	SYMBOL	OPENINGS	SILL (w.r.t. F.F.L.)	LINTEL (w.r.t. F.F.L.)	NOS.
1	AD/2	1500x2400	+18.0M	+20.4M	2
2	AD/3	1200X2400	+18.0M	+20.4M	7
3	AD/4	1000X2400	+18.0M	+20.4M	3
4	AD/5	1050X2400	+18.0M	+20.4M	2
5	AD/6	600X1800	+18.3M	+20.1M	3
6	WD/1	1050X2400	+18.0M	+20.4M	1
7	WD/2	900X2400	+18.0M	+20.4M	2
8	WD/3	800X2100	+18.0M	+20.1M	5
9	WD/4	60DX1800	+18.3M	+20.1M	1
10	SD/1	1500x2400	+18.0M	+20.4M	1
11	FPD/1	12DDx240D	+18.0M	+20.4M	2

FINISHING SCHEDULE

INTERNAL FINISHING SCHEDULE- GROUND FLOOR

AREA	FLOORING	WALL: SKIRTING	WALL: DADO	WALL: PAINTING	CEILING: FALSE CEILING	CEILING: PAINTING	REMARKS
PA CABIN	B	B	—	1	10	—	
SR. EXECUTIVE ROOM	G	G	—	1	10	—	
EXECUTIVE ROOM	B	B	—	1	10	—	
WORKSTATIONS	B	B	—	1	10	—	
C&I LAB	B	B	—	1	10	—	
MEETING ROOM	B	B	—	1	10	—	
IT SWITCH PANEL ROOM	B	B	—	1	10	—	
PANTRY	A	—	3	1	10	—	
TOILET	A	—	3	1	8	—	
AHU ROOM	C	C	—	2	—	2	
LIFT LOBBY	F	F	—	5/6	9	—	
STAIRCASE	F	—	F	2	—	2	
CORRIDOR	B	B	—	1	9	—	
PRINT ROOM	B	B	—	1	10	—	
LIFT WALL FACIA	—	—	5 6	4	—	—	FALSE CEILING AS PER APPROVED PATTERN/ DRAWING.

EXTERNAL FINISHING SCHEDULE

EXTERNAL FINISH	EXTERNAL FINISH SHALL BE COMBINATION OF PREMIUM ACRYLIC SMOOTH EXTERIOR PAINT & ALUMINIUM COMPOSITE PANEL AS/ELEVATION DETAIL DRG.
ALL WALL ABOVE FALSE CEILING SHALL BE PLASTERED	

SCHEDULE OF FINISHES

FLOORING/SKIRTING

A	HEAVY DUTY DUST PRESSED CERAMIC TILES.
B	VETRIFIED CERAMIC TILES.
C	CEMENT CONCRETE WITH METALLIC HARDENER TOPPING
D	CEMENT CONCRETE WITH METALLIC HARDENER TOPPING & FALSE FLOOR
E	ACID, ALKALI RESISTANT TILE.
F	18MM THICK POLISHED GRANITE STONE AS/ PATTERN
G	LAMINATED WOODEN FLOORING
H	PRECAST POLISHED HEAVY DUTY CEMENT CONCRETE TILES
I	HIGH SRI (SOLAR REFLECTIVE INDEX) TILES AS PER APPROVED SAMPLE

SCHEDULE OF FINISHES

FALSE CEILING/PAINTING

1	ACRYLIC EMULSION PAINT
2	ACRYLIC DISTEMPER
3	DESIGNER CERAMIC WALL TILES DADO UP TO FALSE CEILING LEVEL
4	TEXTURED PAINT
5	GLASS MOSAIC TILES MURALS
6	18MM THICK POLISHED GRANITE CLADDING
7	WOODEN PANELING AS PER ACOUSTIC REQUIREMENT.
8	CALCIUM SILICATE FALSE CEILING
9	METAL FALSE CEILING IN TILE FORM IN COMBINATION WITH GRG PLASTER BOARD FALSE CEILING
10	MINERAL FIBRE BOARD FALSE CEILING IN COMBINATION WITH GRG PLASTER BOARD FALSE CEILING
11	20MM THK. ACID RESISTANT TILES UPTO 1.2M HEIGHT AS PER APPROVED SAMPLE
12	TWO COATS OF CHLORINATED RUBBER ACID RESISTANT PAINT OVER CHLORINATED RUBBER ZINC PHOSPHATE PRIMER AS PER APPROVED SAMPLE

SCHEDULE OF WALL OPENINGS

S.NO	SYMBOL	OPENINGS	LOCATION	DESCRIPTION	BOTTOM (w.r.t. F.F.L)	TOP (w.r.t. F.F.L)	NOS.
1	WO/4	380MM DIA.	AHU ROOM	FRESH AIR FAN	+20.40M	+20.78M	1

NOTES:-
1. ALL DIMENSIONS ARE IN MM.
2. ALL LEVELS MENTIONED ARE FINISHED FLOOR LEVELS.

AREA STATEMENT:-
1. FOURTH FLOOR AREA:- 942 SQ.M.
2. ATRIUM AREA:- 127 SQ.M.
3. FOURTH FLOOR AREA WITHOUT ATRIUM :- 815 SQ.M.

REFERENCE DRAWING NO:-

ARCHITECTURAL DRAWINGS:-
1. 9585-001-315-PVC-C-0201 PE-DG-434-640-C002 ARCH. GROUND FLOOR PLAN.
2. 9585-001-315-PVC-C-0202 PE-DG-434-640-C003 ARCH. FIRST FLOOR PLAN.
3. 9585-001-315-PVC-C-0203 PE-DG-434-640-C004 ARCH. SECOND FLOOR PLAN.
4. 9585-001-315-PVC-C-0204 PE-DG-434-640-C005 ARCH. THIRD FLOOR PLAN.
5. 9585-001-315-PVC-C-0206 PE-DG-434-640-C007 ARCH. TERRACE FLOOR PLAN.
6. 9585-001-315-PVC-C-0207A PE-DG-434-640-C008 ARCH. ELEVATION (SHEET 1 OF 2 & SHEET 2 OF 2).
7. 9585-001-315-PVC-C-0207B PE-DG-434-640-C009 ARCH. ELEVATION (SHEET 1 OF 2 & SHEET 2 OF 2).
8. 9585-001-315-PVC-C-0208 PE-DG-434-640-C010 ARCH. SECTIONS (SHEET 1 OF 2 & SHEET 2 OF 2).
9. 9585-001-315-PVC-C-0210 PE-DG-434-640-C015 ARCH. DOOR & WINDOW DETAILS.
10. 9585-001-315-PVC-C-0211 PE-DG-434-640-C018 ARCH. TOILET & PANTRY DETAILS.

STRUCTURE DRAWINGS:-
1. 9585-001-315-PVC-C-0221A PE-DG-434-640-C026 G.A. & R/F DEATILS OF COLUMN
2. 9585-001-315-PVC-C-0221B PE-DG-434-640-C027 G.A. & R/F DEATILS OF PLINTH BEAM
3. 9585-001-315-PVC-C-0224 PE-DG-434-640-C032 G.A. & R/F DEATILS OF FLOOR BEAMS & SLAB
4. 9585-001-315-PVC-C-0240 PE-DG-434-612-C071 MHP BUILDING- INTERCONNECTION GALLERY POWER HOUSE TO SERVICE BUILDING.

NOTE:-

PLASTER:-

1. EXTERNAL PLASTER ON BRICK WALL 18MM THK ROUGH FACE & 12MM THICK SMOOTH FACE
2. INTERNAL PLASTER ON BRICK WALL SMOOTH FACE 12MM THICK & ROUGH FACE 18MM THICK (CEMENT SAND PLASTER IN 1:6 ON BRICK WALL)

LEGENDS:
- 345 MM THICK FULL HEIGHT BRICK WALL IN MCC
- 250 MM THICK AAC BLOCK FULL HEIGHT WALL
- 230 MM THICK FULL HEIGHT BRICK WALL IN LIFT
- 250 MM THICK FULL HEIGHT SHEAR WALL
- 200 MM THICK AAC BLOCK WALL HEIGHT UPTO FALSE CEILING
- 150 MM AAC BLOCK (PARTITION)WALL HEIGHT UPTO 2200MM.
- LEVEL MARK
- LEVEL DROP
- COLUMN

NOTES:-
1. ALL WALL & FLOOR VENTILATION & AIR CONDITIONING OPENINGS ARE UNDER HOLD.
2. 70MM MARGIN FOR FLOOR FINISH TO BE KEPT FOR PROVISIONOF METALLIC RACEWAYS.

REV	DATE	ALTD	CHD	APPD	DESCRIPTION
4	24.09.20	KRITI	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON D3.09.19 TRANSMITTAL NO. 5068 2. DRAWINGS REVISED AS PER REVISED STRUCRURAL COLUMN LAYOUT
3	29.07.19	KRITI	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 24.07.19
2	23.07.19	MOHIT	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 07.06.19
1	16.05.19	TANVI	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 30.04.19 2. DRAWINGS REVISED AS PER MOM DATED 25.04.19

JOB NO.
STATUS
DRG./REF. NO. (INTERNAL)
PRINT SCALE IN METRE

NTPC DRAWING NO. *9585-001-315-PVC-C-0205*

PROJECT : PVUNL PATRATU SUPER THERMAL POWER PLANT (3X800MW)

OWNER : एन टी पी सी लिमिटेड NTPC Limited (A Government of India Enterprise) CONSULTANCY WING

CONTRACTOR: NTPC BHEL Power Projects Private Limited

ENGG. SUB CONTRACTOR: BHARAT HEAVY ELECTRICALS LTD POWER SECTOR PROJECT ENGINEERING MANAGEMENT NEW DELHI

CIVIL CONTRACTOR: BHAVANI ERECTORS PRIVATE LIMITED

ARCHITECTURAL CONSULTANT: GREENTREE BUILDING ENERGY (P) LTD.

DRAWING	NAME	SIGN	DATE
DRN	TANVI	TAN	12/04/19
DESN	SANCHIT	SAN	12/04/19
CHD	SANCHIT	SAN	12/04/19
APPD	ANURAG	ANG	12/04/19

TITLE

SERVICE BUILDING

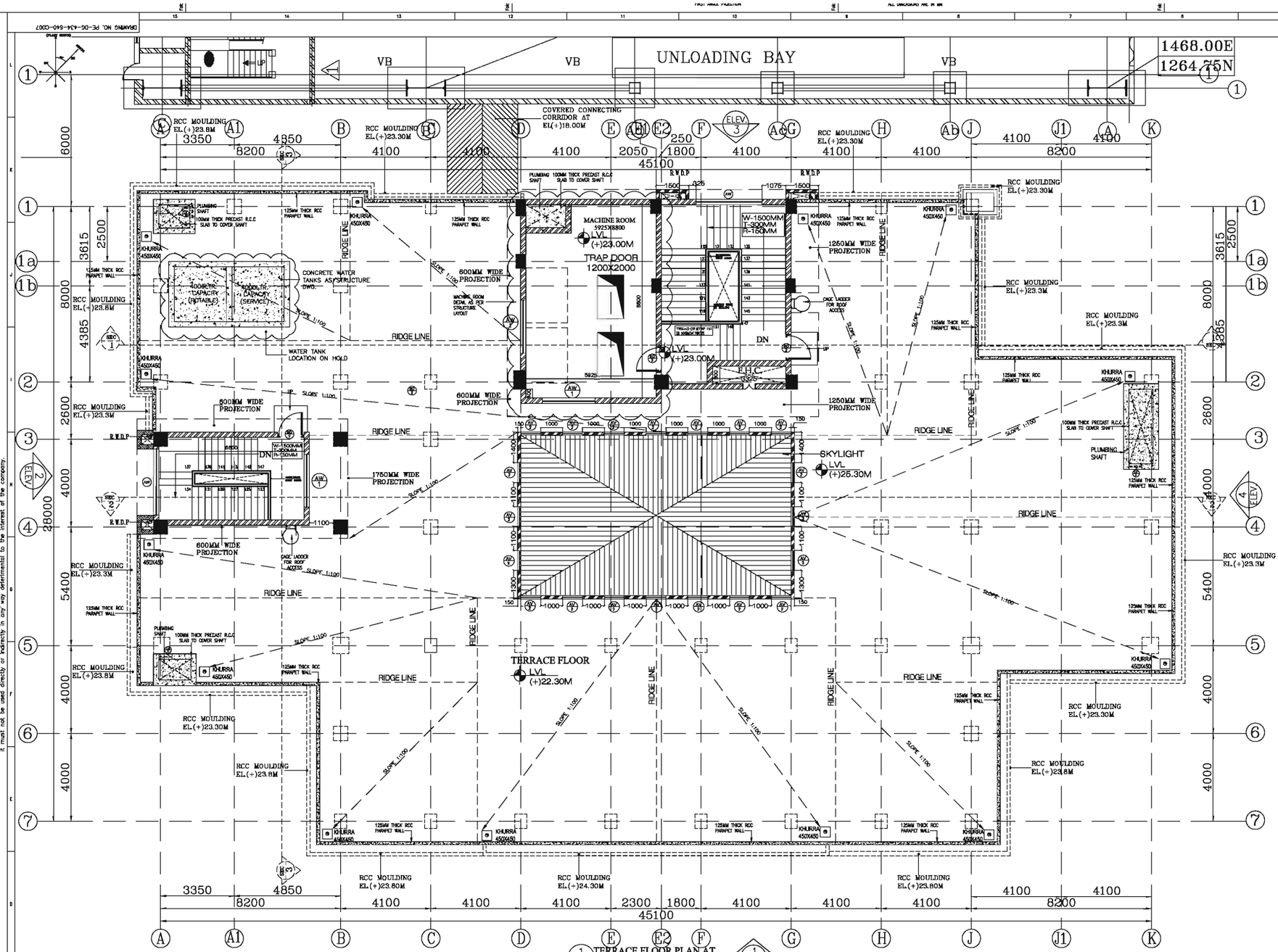
ARCHITECTURAL FOURTH FLOOR PLAN AT EL+18.00M(FFL)

	MPL	ELEC	C&I	MSE	MAX	DEPT.	SCALE 1:100
						SIGN	
						DATE	

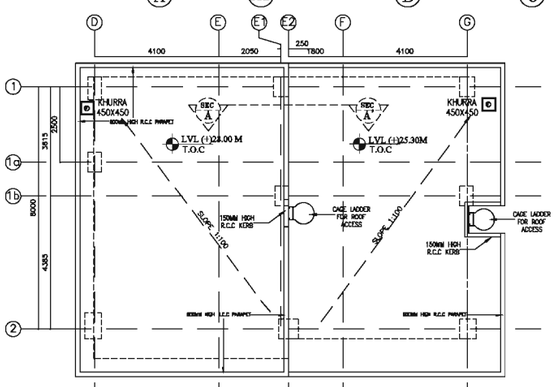
DRAWING NO. *PE-DG-434-640-C006*

SHEET 1 OF 1 REV. 4C

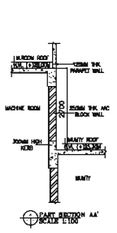
Jun 16, 2021 - 11:01am REV. 4A FORMAT SIZE A1

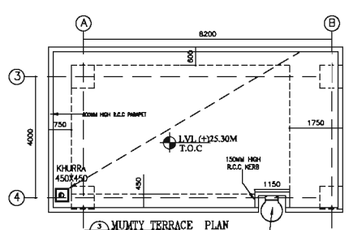


1 TERRACE FLOOR PLAN AT EL +22.30M LVL.

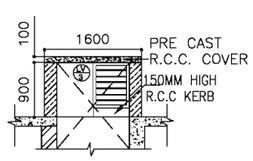


2 MUMTY & MACHINE ROOF PLAN ALONG GRID A (SCALE 1:100)





3 MUMTY TERRACE PLAN ALONG GRID A (SCALE 1:50)



4 PLUMBING SHAFT DET (TYP.) SCALE 1:50

SCHEDULE OF OPENINGS					
WINDOWS & VENTILATORS:					
S.NO	SYMBOL	OPENINGS	SILL w.r.t. T.O.C./LAN.	LINTEL	NOS.
1	AV/2	900X450	+22.90M	+23.35M	20
2	AW/1	2400X1500	+23.2M	+24.7M	3
3	AV	600X750	+22.45M	+23.2M	3

SCHEDULE OF OPENINGS					
DOORS:					
S.NO	SYMBOL	OPENINGS	SILL w.r.t. T.O.C	LINTEL	NOS.
1	SD/2	1200x2400	+22.8M	+25.2M	3

SCHEDULE OF FINISHES

FLOORING/SKIRTING

1	HEAVY DUTY DUST PRESSED CERAMIC TILES.
2	VETRIFIED CERAMIC TILES.
3	CEMENT CONCRETE WITH METALLIC HARDENER TOPPING
4	CEMENT CONCRETE WITH METALLIC HARDENER TOPPING & FLASK FLOOR
5	ACID, ALKALI RESISTANT TILE.
6	18MM THICK POLISHED GRANITE STONE AS/ PATTERN
7	LAMINATED WOODEN FLOORING
8	PRECAST POLISHED HEAVY DUTY CEMENT CONCRETE TILES
9	HIGH SUS (SOLAR REFLECTIVE INDEX) TILES AS PER APPROVED SAMPLE

SCHEDULE OF FINISHES

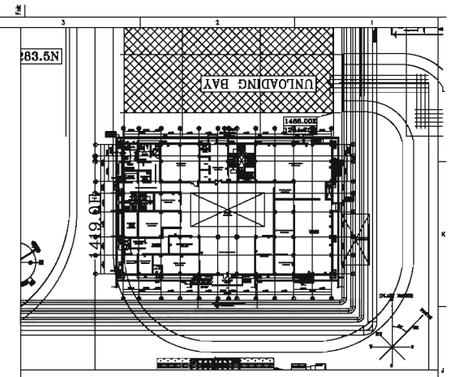
FALSE CEILING/PAINTING

1	ACRYLIC EMULSION PAINT
2	ACRYLIC DISTEMPER
3	DESIGNED CERAMIC WALL TILES DADO UP TO FALSE CEILING LEVEL.
4	TEXTURED PAINT
5	GLASS MOSAIC TILES MURALS
6	18MM THICK POLISHED GRANITE CLADDING
7	WOODEN PANELING AS PER ACOUSTIC REQUIREMENT.
8	CALCIUM SILICATE FALSE CEILING
9	METAL FALSE CEILING IN TILE 12MM IN COMBINATION WITH GRID PLASTER BOARD FALSE CEILING
10	MINERAL FIBRE BOARD FALSE CEILING IN COMBINATION WITH GRID PLASTER BOARD FALSE CEILING
11	20MM THK. ACID RESISTANT TILES UPTO 1.2M HEIGHT AS PER APPROVED SAMPLE
12	TWO COATS OF CHLORINATED RUBBER ACID RESISTANT PAINT OVER CHLORINATED RUBBER ZINC PHOSPHATE PRIMER AS PER APPROVED SAMPLE

FINISHING SCHEDULE

INTERNAL FINISHING SCHEDULE– GROUND FLOOR

AREA	FLOORING	WALL			CEILING		REMARKS
		SKIRTING	DADO	PAINTING	FALSE CEILING	PAINTING	
STAIRCASE	1	—	3	1	—	1	
TERRACE	1	1	—	1	—	—	
MACHINE ROOM	1	1	—	1	—	1	
MUMTY	1	1	—	1	—	—	
EXTERNAL FINISHING SCHEDULE							FALSE CEILING AS PER APPROVED PATTERN/ DRAWING.
EXTERNAL FINISH	EXTERNAL FINISH SHALL BE COMBINATION OF PREMIUM ACRYLIC SMOOTH EXTERIOR PAINT & ALUMINIUM COMPOSITE PANEL AS/ELEVATION DETAIL DRG.						
ALL WALL ABOVE FALSE CEILING SHALL BE PLASTERED							



NOTES:–
1. ALL DIMENSIONS ARE IN MM.
2. ALL LEVELS MENTIONED ARE FINISHED FLOOR LEVELS.

AREA STATEMENT:–
1. MACHINE ROOM AREA:– 52 SQ.M.
2. MUMTY AREA :– 80 SQ.M.

REFERENCE DRAWING NO:–

ARCHITECTURAL DRAWINGS:–

1. 9585-001-315-PVC-C-0201	PE-DG-434-640-C002	ARCH. GROUND FLOOR PLAN.
2. 9585-001-315-PVC-C-0202	PE-DG-434-640-C003	ARCH. FIRST FLOOR PLAN.
3. 9585-001-315-PVC-C-0203	PE-DG-434-640-C004	ARCH. SECOND FLOOR PLAN.
4. 9585-001-315-PVC-C-0204	PE-DG-434-640-C005	ARCH. THIRD FLOOR PLAN.
5. 9585-001-315-PVC-C-0205	PE-DG-434-640-C006	ARCH. FOURTH FLOOR PLAN.
6. 9585-001-315-PVC-C-0207A	PE-DG-434-640-C008	ARCH. ELEVATION (SHEET 1 OF 2 & SHEET 2 OF 2).
7. 9585-001-315-PVC-C-0207B	PE-DG-434-640-C009	ARCH. ELEVATION (SHEET 1 OF 2 & SHEET 2 OF 2).
8. 9585-001-315-PVC-C-0208	PE-DG-434-640-C010	ARCH. SECTIONS (SHEET 1 OF 2 & SHEET 2 OF 2).
9. 9585-001-315-PVC-C-0210	PE-DG-434-640-C015	ARCH. DOOR & WINDOW DETAILS.
10. 9585-001-315-PVC-C-0211 DETAILS.	PE-DG-434-640-C015	ARCH. TOILET & PANTRY

STRUCTURE DRAWINGS:–

1. 9585-001-315-PVC-C-0221A	PE-DG-434-640-C026	G.A. & R/F DEATILS OF COLUMN
2. 9585-001-315-PVC-C-0221B	PE-DG-434-640-C027	G.A. & R/F DEATILS OF PLINTH BEAM
3. 9585-001-315-PVC-C-0224	PE-DG-434-640-C032	G.A. & R/F DEATILS OF FLOOR BEAMS & SLAB
4. 9585-001-315-PVC-C-0240	PE-DG-434-612-C071	MEP BUILDING– INTERCONNECTION GALLERY POWER HOUSE TO SERVICE BUILDING.

NOTE:–
PLASTER:–

1. EXTERNAL PLASTER ON BRICK WALL 18MM THK ROUGH FACE & 12MM THICK SMOOTH FACE
2. INTERNAL PLASTER ON BRICK WALL SMOOTH FACE 12MM THICK & ROUGH FACE 18MM THICK (CEMENT SAND PLASTER IN 1:6 ON BRICK WALL)

LEGENDS:

	345 MM THICK FULL HEIGHT BRICK WALL IN MCC
	250 MM THICK AAC BLOCK FULL HEIGHT WALL
	230 MM THICK FULL HEIGHT BRICK WALL IN LIFT
RCC/PCC	250 MM THICK FULL HEIGHT SHEAR WALL
	200 MM THICK AAC BLOCK WALL HEIGHT UPTO FALSE CEILING
	150 MM AAC BLOCK (PARTITION)WALL HEIGHT UPTO 2200MM.
	LEVEL MARK
	LEVEL DROP
	COLUMN

NOTES:-
1. ALL WALL & FLOOR VENTILATION & AIR CONDITIONING OPENINGS ARE UNDER HOLD.
2. 70MM MARGIN FOR FLOOR FINISH TO BE KEPT FOR PROVISIONOF METALLIC RACEWAYS.

REV	DATE	ALTD	CHD	APPD
4	24.09.20	KRITI	SANCHIT	ANURAG
1.	DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 03.09.19 TRANSMITTAL NO. 5068			
2.	ORAWINGS REVISED AS PER REVISED STRUCTURAL COLUMN LAYOUT			
3	29.07.19	KRITI	SANCHIT	ANURAG
1.	DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 24.07.19			
2	23.07.19	MOHIT	SANCHIT	ANURAG
1.	DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 07.06.19			
1	16.05.19	TANVI	SANCHIT	ANURAG
1.	DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 30.04.19			
2.	DRAWINGS REVISED AS PER MOM DATED 25.04.19			

NTPC DRAWING NO. 9585-001-315-PVC-C-0206

PROJECT :
PVUNL PATRATU SUPER THERMAL POWER PLANT
(3X800MW)

OWNER :
एन टी पी सी लिमिटेड
NTPC Limited
(A Government of India Enterprise)
CONSULTANCY WING

CONTRACTOR:
NTPC BHEL Power Projects Private Limited

ENGG. SUB CONTRACTOR:
BHARAT HEAVY ELECTRICALS LTD
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NEW DELHI

CIVIL CONTRACTOR:
BHAVANI ERECTORS PRIVATE LIMITED

JOB NO.
STATUS
DRG/REF. NO. (INTERNAL)
PRINT SCALE IN METRE

ARCHITECTURAL CONSULTANT:
GREENTREE BUILDING ENERGY (P) LTD.

	DRAWING	NAME	SIGN	DATE
DSN	TANVI	TAN	12/04/19	
DRGN	SANCHIT	SAN	12/04/19	
CHD	SANCHIT	SAN	12/04/19	
APPD	ANURAG	ANU	12/04/19	

TITLE
SERVICE BUILDING
ARCHITECTURAL TERRACE FLOOR PLAN AT EL+22.30M(FFL)

MPL	ELEC	C&I	MSE	MAX	DEPT.	SCALE 1:100	DRAWING NO.
					SIGN		PE-DG-434-640-C007
					DATE		SHEET 8 OF 8 REV. 4C

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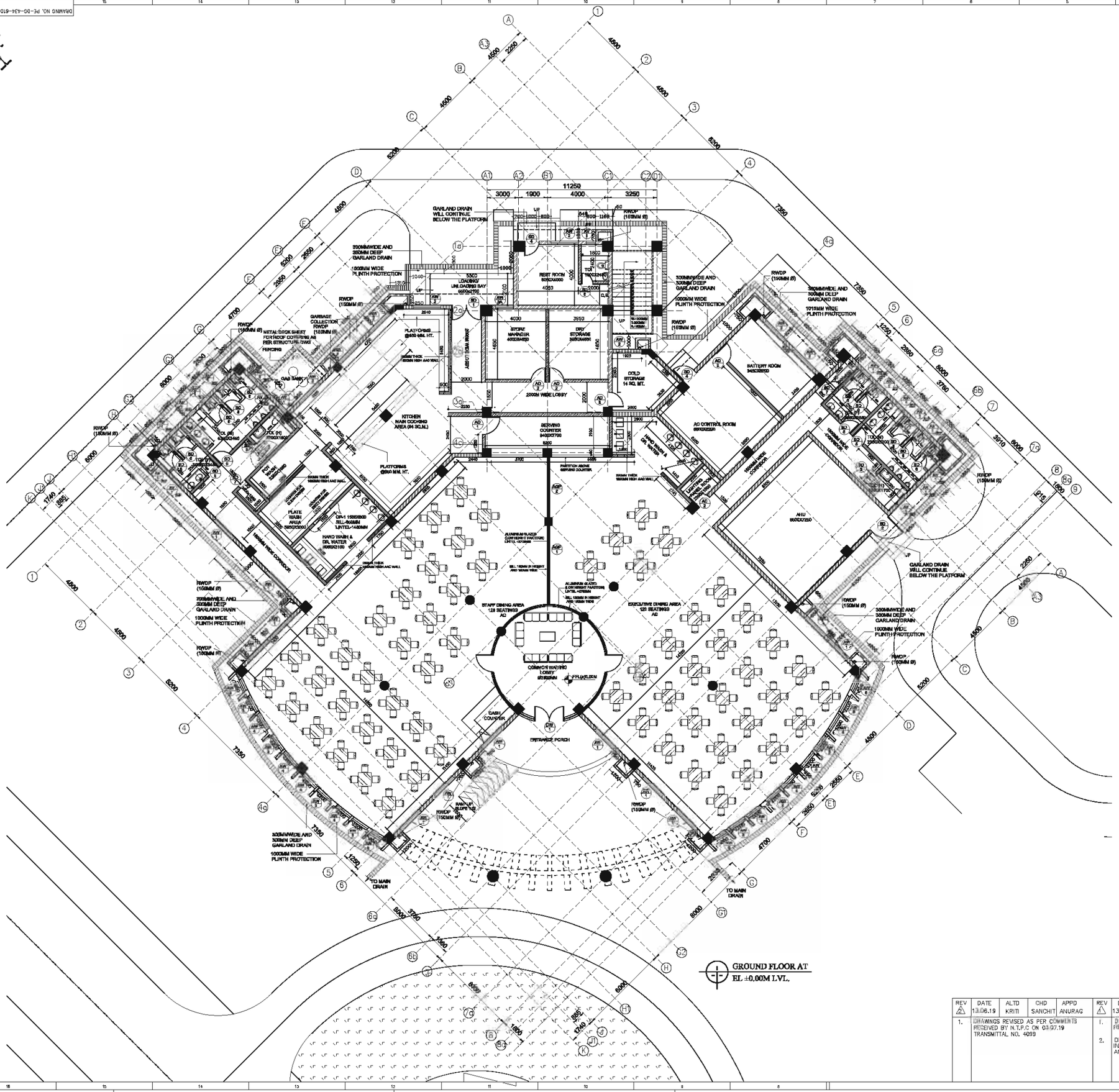
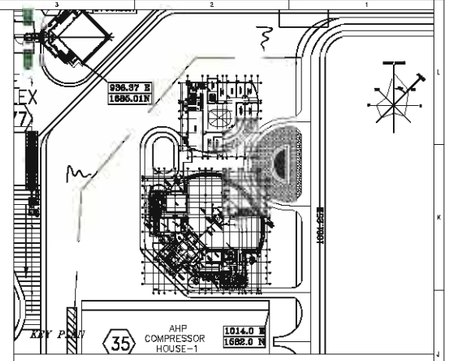
Jun 16, 2021 – 11:02am
REV. 4A FORMAT SIZE A1

DRAWING NO. PE-DG-434-610-C001

FIRST ANGLE PROJECTION

ALL DIMENSIONS ARE IN MM





NOTES:-
1. ALL DIMENSIONS ARE IN MM.
2. ALL LEVELS MENTIONED ARE FINISHED FLOOR LEVELS.
3. ELECTRICAL ROOM PANEL OF CANTEEN BUILDING HAS BEEN KEPT IN MCC ROOM OF IT BUILDING.

LEGEND:	
	250MM THK. AAC BLOCK WALL
	200MM THK. AAC BLOCK WALL
	150MM THK. AAC BLOCK WALL
	200MM THK. AAC BLOCK WALL UPTO HEIGHT 1500MM

REV	DATE	ALTD	CHD	APPD
2	13.06.19	KRITI	SANCHIT	ANURAG
1.	DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 03.07.19 TRANSMITTAL NO. 4099			

REV	DATE	ALTD	CHD	APPD
1	13.06.19	KRITI	SANCHIT	ANURAG
1.	DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 20.05.19			
2.	DRAWINGS REVISED AS PER SHEL INPUTS RECEIVED FROM ELECTRICAL AND HVAC			

JOB NO.
STATUS
DRG./REF. NO. (INTERNAL)
PRINT SCALE IN METRE

NTPC DRAWING NO. 9585-001-315-PVC-C-0751

PROJECT :
3X800MW PATRATU SUPER THERMAL POWER PLANT

OWNER :
एन टी पी सी लिमिटेड
NTPC Limited
(A Government of India Enterprise)
CONSULTANCY WING

BHARAT HEAVY ELECTRICALS LTD
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NEW DELHI

GREEN BUILDING CONSULTANT:
GREENTREE BUILDING ENERGY (P) LTD.

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	DRAWING	NAME	SIGN	DATE
DES				
DSGN				
CHD				
APPD				

TITLE
CANTEEN BUILDING
ARCHITECTURAL GROUND FLOOR PLAN AT EL+0.00M

MPL	ELEC	C&I	MSE	MAX	DEPT.	SCALE 1:125	DRAWING NO.
					SIGN		PE-DG-434-610-C001
					DATE	SHEET 1 OF 2	REV 2

Jun 16, 2021 - 10:28am
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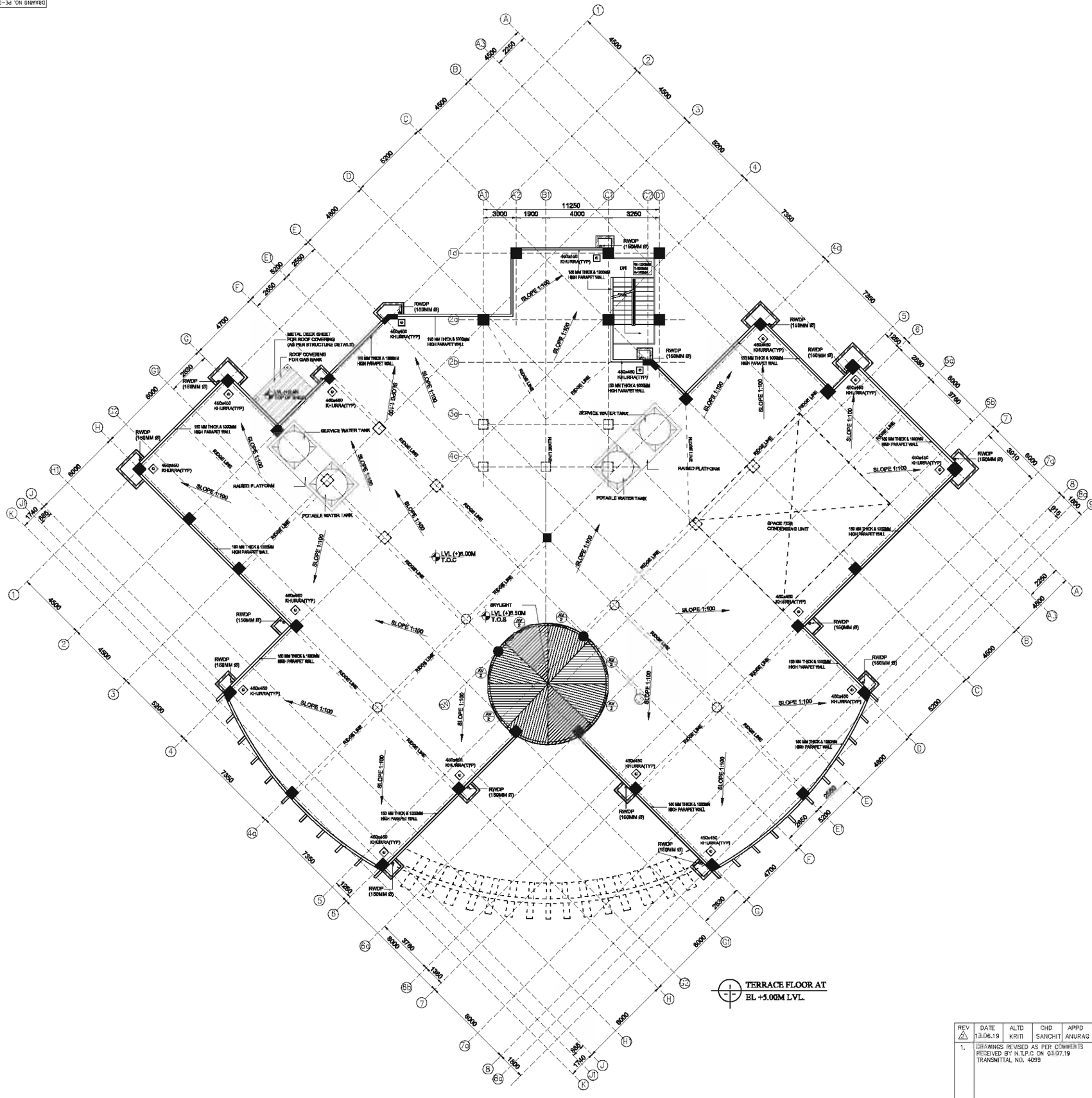
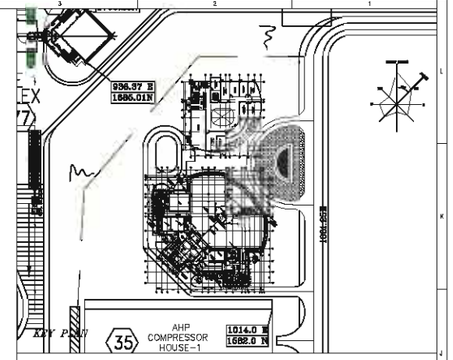
DRAWING NO. PE-DG-434-610-C001





NOTES:-
1. ALL DIMENSIONS ARE IN MM.
2. ALL LEVELS MENTIONED ARE FINISHED FLOOR LEVELS.
3. ELECTRICAL ROOM PANEL OF CANTEEN BUILDING HAS BEEN KEPT IN MCC ROOM OF IT BUILDING.

LEGEND:	
	250MM THK. AAC BLOCK WALL
	200MM THK. AAC BLOCK WALL
	150MM THK. AAC BLOCK WALL
	200MM THK. AAC BLOCK WALL UPTO HEIGHT 1500MM

REV	DATE	ALTD	CHD	APPD
2	13.06.19	KRITI	SANCHIT	ANURAG
1.	DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 03.07.19 TRANSMITTAL NO. 4099			

REV	DATE	ALTD	CHD	APPD
1	13.06.19	KRITI	SANCHIT	ANURAG
1.	DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 20.05.19			
2.	DRAWINGS REVISED AS PER SHEL INPUTS RECEIVED FROM ELECTRICAL AND HVAC.			

NTPC DRAWING NO. 9585-001-315-PYC-C-0751

PROJECT :
3X800MW PATRATU SUPER THERMAL POWER PLANT

OWNER :
एन टी पी सी लिमिटेड
NTPC Limited
(A Government of India Enterprise)
CONSULTANCY WING

BHARAT HEAVY ELECTRICALS LTD
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NEW DELHI

GREEN BUILDING CONSULTANT:
GREENTREE BUILDING ENERGY (P) LTD.

JOB NO.
STATUS
DRG./REF. NO. (INTERNAL)
PRINT SCALE IN METRE

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DRAWING	NAME	SIGN	DATE
DRN			
DSGN			
CHD			
APPD			

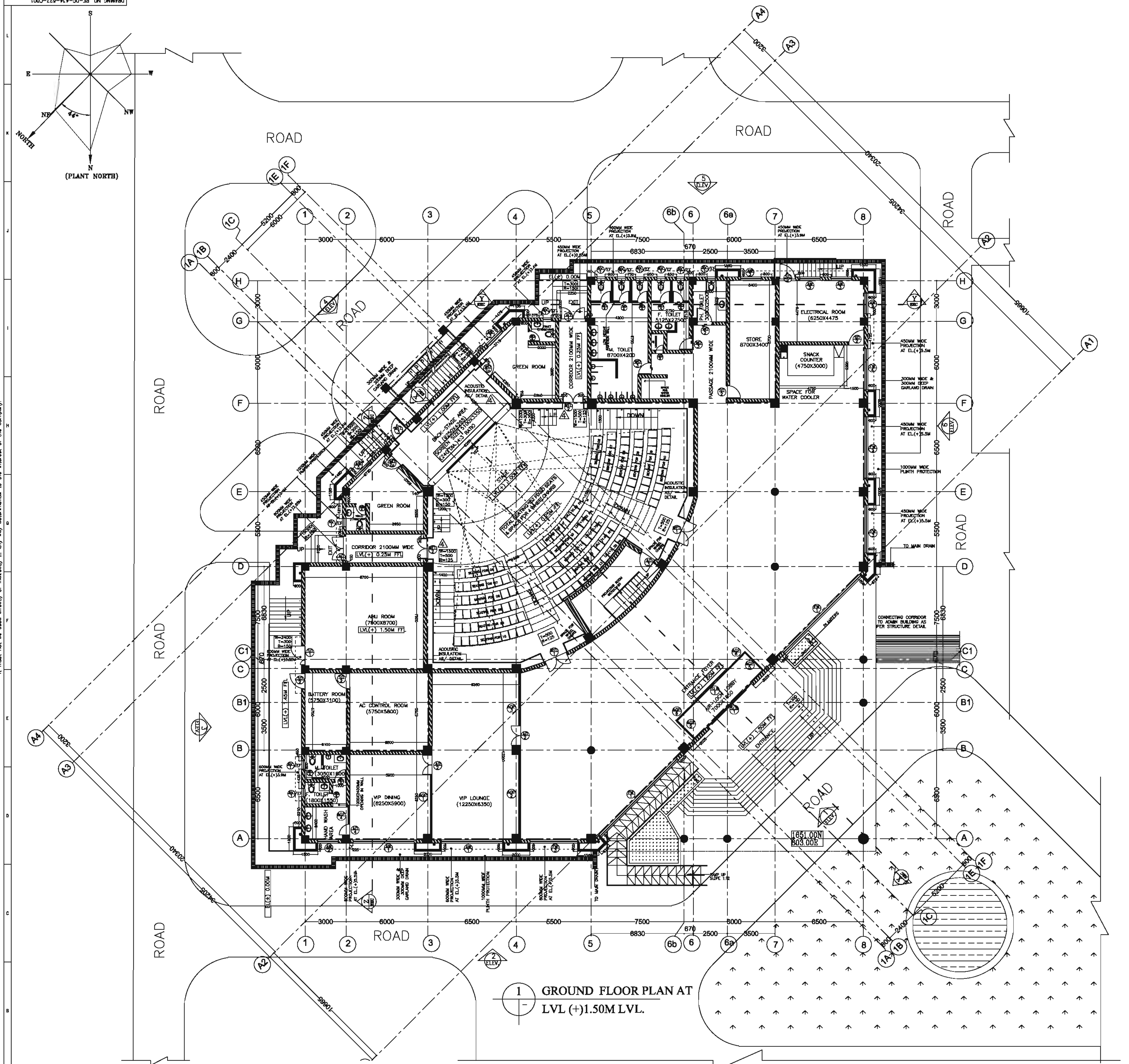
TITLE
CANTEEN BUILDING
ARCHITECTURAL TERRACE FLOOR PLAN AT EL+5.00M

MPL	ELEC	C&I	NSE	MAX	DEPT.	SCALE 1:125	DRAWING NO.
					SIGN		PE-DG-434-610-C001
					DATE		SHEET 2 OF 2 REV 2

Jun 16, 2021 - 12:19pm
FORMAT SIZE A1

FIRST ANGLE PROJECTION

ALL DIMENSIONS ARE IN MM



1 GROUND FLOOR PLAN AT LVL (+)1.50M LVL.

FINISHING SCHEDULE (4)

INTERNAL FINISHING SCHEDULE– GROUND FLOOR

AREA	FLOORING	WALL			CEILING		REMARKS
		SKIRTING	DADO	PAINTING	FALSE CEILING	PAINTING	
ENTRACE FOYER	F	—	F	4 / 6 / 5	10	—	
VIP LOUNGE	B	B	—	1	10	—	
VIP DINING	B	B	—	1	10	—	
AC CONTROL ROOM	B	B	—	2	10	—	
BATTERY ROOM	E	—	9	9	2	—	
ELECTRICAL ROOM	C	C	—	2	10	—	
STORE	C	C	—	2	—	2	
PASSAGE/CORRIDOR	B	B	—	1	10	—	
GREEN ROOM	B	B	—	1	10	—	
AHU ROOM	C	C	—	2	—	2	
PROJECTOR ROOM	A	A	—	7	10	—	
RAMP & ENTRANCE STEP	F	F	—	—	—	—	
TOILETS	A	—	3	1	8	—	
HANDWASH AREA	A	—	3	1	8	—	
SEATING AREA	D	—	H	—	10	—	
STAGE/BACK STAGE	G	—	H	—	10	—	
STAIRCASE	F	F	—	2	—	2	
AIR-LOCK LOBBY	F	—		—	10	—	
SNACK COUNTER	F	F	—	4	10	—	
TERRACE	J	—	—	—	—	—	FALSE CEILING AS PER APPROVED PATTERN/ DRAWING.

EXTERNAL FINISHING SCHEDULE

PORCH AREA	INTERLOCKING CEMENT CONCRETE BLOCKS
EXTERNAL FINISH	EXTERNAL FINISH SHALL BE COMBINATION OF ALUMINIUM COMPOSITE PANEL & PREMIUM ACRYLIC SMOOTH EXTERIOR PAINT AS/ELEVATION DETAIL DRG.

NOTES:
1. ALL WALL ABOVE FALSE CEILING SHALL BE PLASTERED AND PAINTED AS PER SPECS.
2. GRANITE CLADDING IN ENTRANCE FOYER AREA SHALL BE UP TO FALSE CEILING.
3. ALL INTERNAL FACE OF PARAPET SHALL BE PAINTED WITH PREMIUM ACRYLIC SMOOTH EXTERIOR PAINT

SCHEDULE OF FINISHES

FLOORING/SKIRTING		
	A	HEAVY DUTY DUST PRESSED CERAMIC TILES.
	B	9.5MM THK. VITRIFIED CERAMIC TILES.
	C	CEMENT CONCRETE WITH METALLIC HARDENER TOPPING
	D	CEMENT CONCRETE WITH METALLIC HARDENER TOPPING COVERED WITH CARPET AS PER APPVD. COLOR & PATTERN
	E	ACID, ALKALI RESISTANT TILE.
	F	18MM THICK POLISHED GRANITE STONE AS/ PATTERN
	G	WOODEN FLOORING AS PER APPVD SAMPLE
	H	WOODEN PANELLING AS PER ACOUSTIC REQUIREMENT
	J	HIGH SRI (SOLAR REFLECTIVE INDEX) TILES AS PER APPROVED SAMPLE

SCHEDULE OF FINISHES

FALSE CEILING/PAINTING		
	1	ACRYLIC EMULSION PAINT
	2	ACRYLIC DISTEMPER
	3	DESIGNER CERAMIC WALL TILES DADO UP TO FALSE CEILING LEVEL
	4	TEXTURED PAINT
	5	GLASS MOSAIC TILES MURALS AS PER APPVD PATTERN
	6	18MM THICK POLISHED GRANITE CLADDING
	7	WOODEN PANELING AS PER ACOUSTIC REQUIREMENT.
	8	CALCIUM SILICATE FALSE CEILING
	9	ACID ALKALI RESISTANT TILE UPTO 1.2M HT/CHEMICAL RESISTANT PAINT ABOVE DADO
	10	MINERAL FIBRE BOARD FALSE CEILING IN COMBINATION WITH GRG PLASTER BOARD FALSE CEILING

SCHEDULE OF OPENINGS

DOORS:

S.NO	SYMBOL	OPENINGS	SILL (w.r.t. F.F.L.)	LINTEL (w.r.t. F.F.L.)	NOS.
1	SLD 1	4500x4000	+1.5M	5.5M	2
2	AD 1	1800x2400	+0.25M	2.65M	2
3	AD 2	1500X2400	+1.5M	3.9M	2
4	AD 3	1200X2400	+1.5M	3.9M	1
5	AD 4	900X2400	+1.5M	3.9M	1
6	AD 5	600X1800	+1.8M	3.6M	2
7	WFD 1	1800x2400	+1.50M	3.90M	2
8	WFD 2 (4)	1500x2400	+0.25M	2.65M	2
8	WFD 3 (4)	1200x2400	+1.0M	3.4M	1
9	WD 2	1200X2100	+1.5M	3.6M	1
9	WD 2a (4)	1200X2400	+1.0M	3.4M	2
10	WD 3	900X2100	+1.5M	3.6M	3
11	WD 4	800X2100	+1.0M +1.5M	3.1M 3.6M	10

SCHEDULE OF OPENINGS (4)

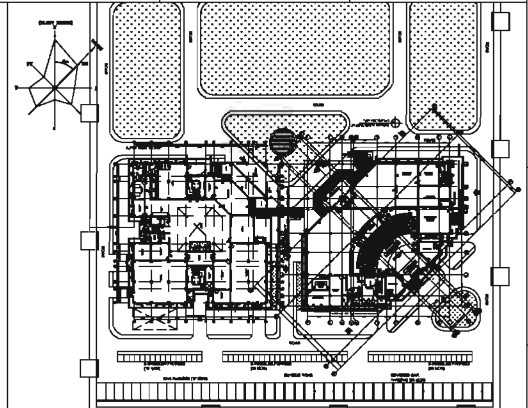
WINDOWS:

S.NO	SYMBOL	OPENINGS	SILL (w.r.t. F.F.L.)	LINTEL (w.r.t. F.F.L.)	NOS.
1	FW 1	8000x3700	+1.80M	5.50M	2
2	FW 2	4500x3700	+1.80M	5.50M	1
3	FW 3	3500x3700	+1.80M	5.50M	2
4	FW 4	3000x3700	+1.80M	5.50M	1
5	AW 1	4500x3700	+1.80M	5.50M	2
6	AW 2	1500x3100	+2.40M	5.50M	2
7	AW 3	1500x1500	+2.40M +1.90M +1.15M	3.90M 3.70M 2.95M	5

SCHEDULE OF OPENINGS

DOORS:

S.NO	SYMBOL	OPENINGS	SILL (w.r.t. F.F.L.)	LINTEL (w.r.t. F.F.L.)	NOS.
1	AV 1	600X750	+3.15M +2.65M	+3.90M +3.40M	10
2	EF	330MM ø EXHAUST FAN 4.565M, 4.065M CENTER TO FFL (4)			10



KEY PLAN

NOTES:–
1. ALL DIMENSIONS ARE IN MM.
2. ALL LEVELS MENTIONED ARE FINISHED FLOOR LEVELS.

AREA STATEMENT:
1. GROUND FLOOR AREA – 1348 SQ.M.

ARCHITECTURAL REFERENCE DWG. NO:–

1. 9585-001-999-POC-F-001 PE-DG-434-100-M001 PLOT PLAN
2. 9585-001-315-PVC-C-1072 PE-DG-434-627-C001 ARCHITECTURAL TERRACE FLOOR PLAN
3. 9585-001-315-PVC-C-1073 PE-DG-434-627-C002 ARCHITECTURAL ELEVATION
4. 9585-001-315-PVC-C-1076 PE-DG-434-627-C005 ARCHITECTURAL DOOR WINDOW
5. 9585-001-315-PVC-C-1074a PE-DG-434-627-C003 ARCHITECTURAL SECTION
6. 9585-001-315-PVC-C-1075 PE-DG-434-627-C004 ARCHITECTURAL TOI.& PANTRY DETAILS
6. 9585-001-315-PVC-C-1077 PE-DG-434-627-C006 ARCHITECTURAL FALSE CEILING DETAIL

STRUCTURAL DRAWING REFERENCE DWG. NO:–

1. 9585-001-315-PVC-C-1116 PE-DG-434-627-C008 GA & RC DETAIL OF FOUNDATION
2. 9585-001-315-PVC-C-1117 PE-DG-434-627-C009 GA & RC DETAIL OF COLUMNS
2. 9585-001-315-PVC-C-1119 PE-DG-434-627-C011 GA & RC DETAIL OF TIE BEAM
3. 9585-001-315-PVC-C-1120 PE-DG-434-627-M012 DETAILS OF ROOF TRUSS & PURLINS
4. 9585-001-315-PVC-C-1021A PE-DG-434-627-C013 GA & RC DETAIL OF ROOF BEAM

LEGEND:

- 250MM THK. FULL HT.AAC BLOCK WALL
- 200MM THK. AAC BLOCK WALL UPTO FALSE CEILING
- 150MM THK. 2200MM HIGH AAC BLOCK WALL

IMPORTANT NOTE:– (4)
1. ALL LEVELS MENTIONED FOR ADMIN BUILDING ARE W.R.T. RL (+)382.0M & RL (+)382.5M [(±)0.00M F.F.L].

REV	DATE	ALTD	CHD	APPD	DESCRIPTION
4	30.09.20	KRITI	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 22.02.20
3	4.02.20	KRITI	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 23.11.19 TRANSMITTAL NO. 6816
2	2.11.19	MOHIT	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 26.09.19
1	24.08.19	MOHIT	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 01.08.19 TRANSMITAL NO. 4567

JOB NO.
STATUS
DRG./REF. NO. (INTERNAL)
PRINT SCALE IN METRE

NTPC DRAWING NO. 9585-001-315-PVC-C-1072

PROJECT : 3X800MW PATRATU SUPER THERMAL POWER PLANT

OWNER : एन टी पी सी लिमिटेड NTPC Limited (A Government of India Enterprise) CONSULTANCY WING

BHARAT HEAVY ELECTRICALS LTD
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NEW DELHI

GREEN BUILDING CONSULTANT: GREENTREE BUILDING ENERGY (P) LTD.

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DRAWING	NAME	SIGN	DATE
DRN	MOHIT	MOH	29/06/19
DESN	MOHIT	MOH	29/06/19
CHD	SANCHIT	SAN	29/06/19
APPD	ANURAG	ANG	29/06/19

TITLE: AUDITORIUM BUILDING
GROUND FLOOR PLAN AT LVL+1.50M

	MPL	ELEC	C&I	MSE	MAX	DEPT.	SCALE 1:150
						SIGN	
						DATE	

DRAWING NO. PE-DG-434-627-C001
SHEET 1 OF 2 REV. 4

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DRAWING NO. PE-DG-434-627-C001

FIRST ANGLE PROJECTION

ALL DIMENSIONS ARE IN MM

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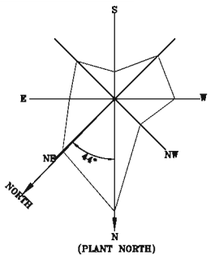
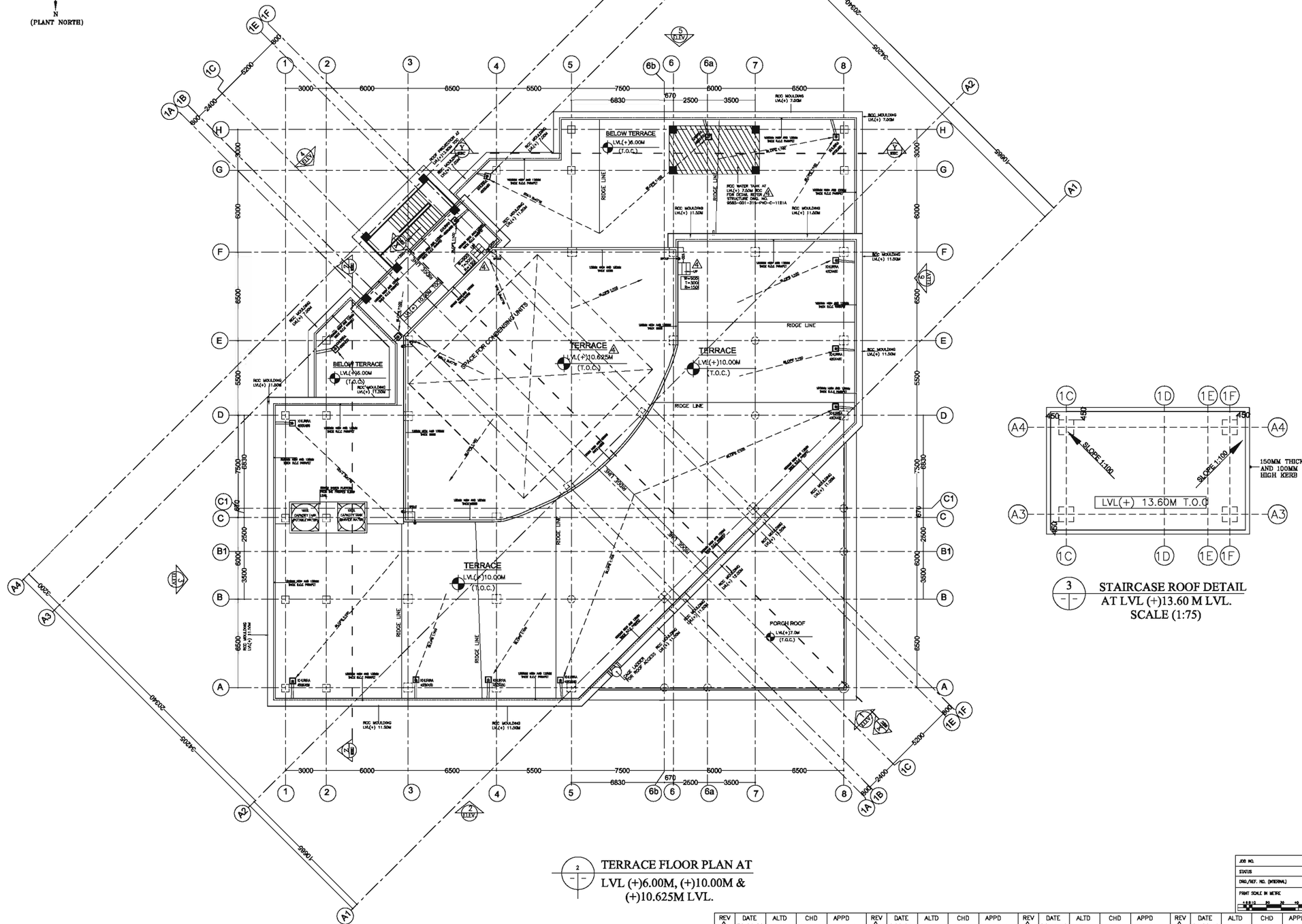
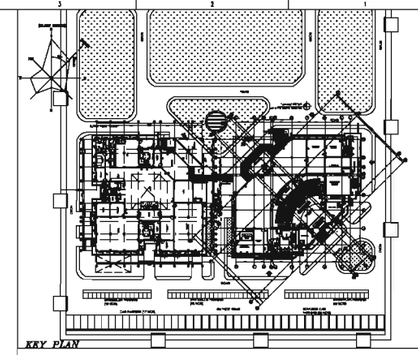


(PLANT NORTH)



2 TERRACE FLOOR PLAN AT LVL (+)6.00M, (+)10.00M & (+)10.625M LVL.

3 STAIRCASE ROOF DETAIL AT LVL (+)13.60 M LVL. SCALE (1:75)



KEY PLAN

NOTES:–
1. ALL DIMENSIONS ARE IN MM.
2. ALL LEVELS MENTIONED ARE FINISHED FLOOR LEVELS.

ARCHITECTURAL REFERENCE DWG. NO:–

1. 9585-001-999-FOC-F-001	PE-DG-434-100-M001	PLOT PLAN
2. 9585-001-315-PVC-C-1072	PE-DG-434-627-C001	ARCHITECTURAL GROUND FLOOR PLAN
3. 9585-001-315-PVC-C-1073	PE-DG-434-627-C002	ARCHITECTURAL ELEVATION
4. 9585-001-315-PVC-C-1075	PE-DG-434-627-C005	ARCHITECTURAL DOOR WINDOW
5. 9585-001-315-PVC-C-1074a	PE-DG-434-627-C003	ARCHITECTURAL SECTION
6. 9585-001-315-PVC-C-1076	PE-DG-434-627-C004	ARCHITECTURAL TOI.& PANTRY DETAILS
7. 9585-001-315-PVC-C-1077	PE-DG-434-627-C006	ARCHITECTURAL FALSE CEILING DETAIL

STRUCTURAL DRAWING REFERENCE DWG. NO:–

1. 9585-001-315-PVC-C-1116	PE-DG-434-627-C008	GA & RC DETAIL OF FOUNDATION
2. 9585-001-315-PVC-C-1117	PE-DG-434-627-C009	GA & RC DETAIL OF COLUMNS
3. 9585-001-315-PVC-C-1119	PE-DG-434-627-C011	GA & RC DETAIL OF TIE BEAM
4. 9585-001-315-PVC-C-1120	PE-DG-434-627-M012	DETAILS OF ROOF TRUSS & PURLINS
5. 9585-001-315-PVC-C-1021A	PE-DG-434-627-C013	GA & RC DETAIL OF ROOF BEAM

LEGEND:	
	250MM THK. FULL HT.AAC BLOCK WALL
	200MM THK. AAC BLOCK WALL UPTO FALSE CEILING
	150MM THK. 2200MM HIGH AAC BLOCK WALL

IMPORTANT NOTE:- ⚠
1. ALL LEVELS MENTIONED FOR ADMIN BUILDING ARE W.R.T. RL (+)382.0M & RL (+)382.5M [(±)0.00M F.F.L].

REV	DATE	ALTD	CHD	APPD	REMARKS
⚠4	30.09.20	KRITI	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 22.02.20
⚠3	4.02.20	KRITI	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 23.11.19
⚠2	02.11.19	MOHIT	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 26.09.19
⚠1	24.08.19	MOHIT	SANCHIT	ANURAG	1. DRAWINGS REVISED AS PER COMMENTS RECEIVED BY N.T.P.C ON 01.08.19 TRANSMITAL NO. 4567

NTPC DRAWING NO: 9585-001-315-PVC-C-1072

PROJECT :
3X800MW PATRATU SUPER THERMAL POWER PLANT

OWNER :
एन टी पी सी लिमिटेड
NTPC Limited
(A Govt. of India Enterprise)
CONSULTANCY WING

BHARAT HEAVY ELECTRICALS LTD
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NEW DELHI

GREEN BUILDING CONSULTANT:
GREENTREE BUILDING ENERGY (P) LTD.

JOB NO.
STATUS
DRG./REF. NO. (INTERNAL)
PRINT SCALE IN METRIC

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	DRAWING	NAME	SIGN	DATE
	DRN	MOHIT	MOH	26/09/19
	DSGN	MOHIT	MOH	26/09/19
	CHD	SANCHIT	SAN	26/09/19
	APPD	ANURAG	ANU	26/09/19

TITLE
AUDITORIUM BUILDING
TERRACE FLOOR PLAN AT LVL+6.00M, +10.00M & 10.625M

MPL	ELEC	C&I	MSE	MAX	DEPT.	SCALE 1:150	DRAWING NO.
					SIGN		PE-DG-434-627-C001
					DATE		SHEET 2 OF 2 REV. 4

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