

Ref: BHE/PW/PUR/2106057/Corg-02

Date: 03/07/2021

-----Page 1 of 1-----

To
ALL BIDDERS,

Sub: Corrigendum-02: Amendment to Tender specification document

Reference:

1. **E-Tender Spec. No:** 2106057
2. **Scope of work:** Design, manufacture, assembly, inspection & testing at vendor's/ sub-vendor's works, proper packing and delivery to site, Erection & Commissioning of LIGHTING FIXTURES, LAMPS & MISCELLANEOUS ITEMS as mentioned in different sections of this specification, complete with all accessories for efficient and trouble-free operation for Owner's Office and Owner's Storage at 3x800MW PVUNL Patratu Project.

Corrigendum Ref: -

Sl. No.	Corrigendum Ref	Corrigendum Type
1	Corrigendum-01	Time extension

Bidders to kindly take note of the following:

AA) Amendment to tender condition

Input Drawing enclosed herewith shall form the integral part of the tender Document & must be complied.

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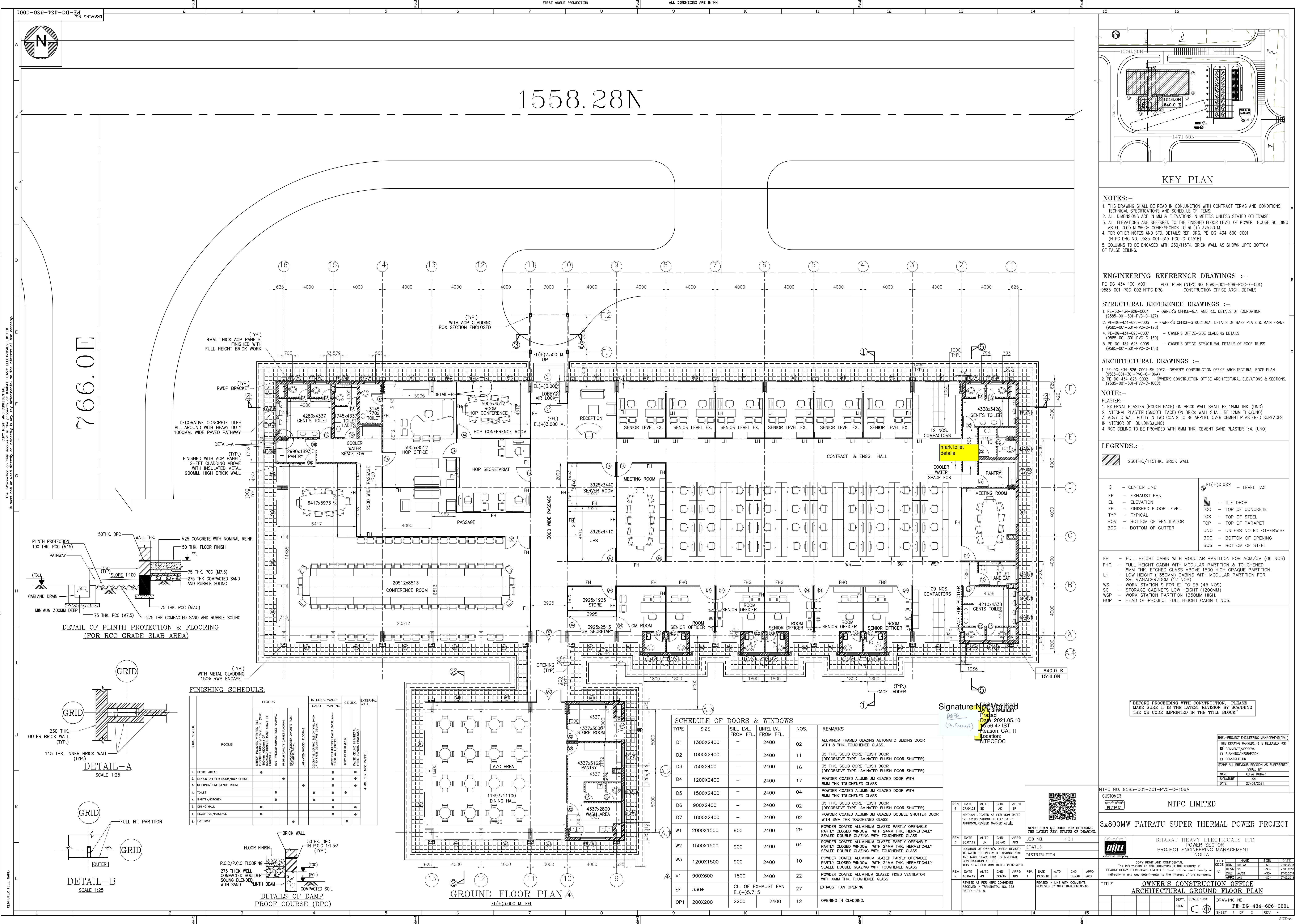
All other Terms and conditions of the Tender Specification shall remain unaltered unless expressly amended by BHEL in writing. Bidders are requested to submit as a part of their offer, a copy of this corrigendum duly Digitally countersigned by the authorized signatory as a token of Bidder's unqualified acceptance of this corrigendum.

BIDDERS MAY PLEASE NOTE THAT SUBJECT TENDER IS E-TENDER AND THE OFFER IS TO BE SUBMITTED ONLY IN E-PROCUREMENT PORTAL → <https://eprocurebhel.co.in>

BIDDERS WHO HAVE ALREADY SUBMITTED THEIR OFFERS PRIOR TO ISSUANCE OF THIS CORRIGENDUM IN E-TENDER PORTAL ARE REQUIRED TO RE-SUBMIT THEIR OFFER AFTER TAKING COGNIZANCE OF THIS CORRIGENDUM.

Thanking you,
Yours faithfully,

GM (Purchase)



KEY PLAN

- NOTES:-
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH CONTRACT TERMS AND CONDITIONS, TECHNICAL SPECIFICATIONS AND SCHEDULE OF ITEMS.
 - ALL DIMENSIONS ARE IN MM & ELEVATIONS IN METERS UNLESS STATED OTHERWISE.
 - ALL ELEVATIONS ARE REFERRED TO THE FINISHED FLOOR LEVEL OF POWER HOUSE BUILDING AS EL. 0.00 M WHICH CORRESPONDS TO RL (+) 375.30 M.
 - FOR OTHER NOTES AND STD. DETAILS REF. DRG. PE-DG-434-600-C001 (NTPC DRG NO. 9585-001-315-PVC-C-0451B)
 - COLUMNS TO BE ENCASED WITH 230/115TK. BRICK WALL AS SHOWN UP TO BOTTOM OF FALSE CEILING.

ENGINEERING REFERENCE DRAWINGS :-

- STRUCTURAL REFERENCE DRAWINGS :-
- PE-DG-434-626-C004 - OWNER'S OFFICE-G.A. AND R.C. DETAILS OF FOUNDATION. (9585-001-301-PVC-C-127)
 - PE-DG-434-626-C005 - OWNER'S OFFICE-STRUCTURAL DETAILS OF BASE PLATE & MAIN FRAME (9585-001-301-PVC-C-128)
 - PE-DG-434-626-C007 - OWNER'S OFFICE-SIDE CLADDING DETAILS (9585-001-301-PVC-C-130)
 - PE-DG-434-626-C008 - OWNER'S OFFICE-STRUCTURAL DETAILS OF ROOF TRUSS (9585-001-301-PVC-C-138)

ARCHITECTURAL REFERENCE DRAWINGS :-

- NOTE:-
- EXTERNAL PLASTER (ROUGH FACE) ON BRICK WALL SHALL BE 18MM THK. (UNO)
 - INTERNAL PLASTER (SMOOTH FACE) ON BRICK WALL SHALL BE 12MM THK. (UNO)
 - ACRYLIC WALL PUTTY IN TWO COATS TO BE APPLIED OVER CEMENT PLASTERED SURFACES IN INTERIOR OF BUILDING. (UNO)
 - RCC CEILING TO BE PROVIDED WITH 6MM THK. CEMENT SAND PLASTER 1:4. (UNO)

LEGENDS:-

- 230THK/115THK. BRICK WALL
- CL - CENTER LINE
EF - EXHAUST FAN
EL - ELEVATION
FFL - FINISHED FLOOR LEVEL
TYP - TYPICAL
BOV - BOTTOM OF VENTILATOR
BOG - BOTTOM OF GUTTER
- EL(+).XXX - LEVEL TAG
TILE DROP
TOC - TOP OF CONCRETE
TOS - TOP OF STEEL
TOP - TOP OF PARAPET
UNO - UNLESS NOTED OTHERWISE
BOO - BOTTOM OF OPENING
BOS - BOTTOM OF STEEL
- FH - FULL HEIGHT CABIN WITH MODULAR PARTITION FOR AGM/GM (06 NOS)
FHG - FULL HEIGHT CABIN WITH MODULAR PARTITION & TOUGHENED 6MM THK. ETCHED GLASS ABOVE 1500 HIGH OPAQUE PARTITION.
LH - LOW HEIGHT (1350MM) CABINETS WITH MODULAR PARTITION FOR SR. MANAGER/DCM (12 NOS)
WS - WORK STATION 'S' FOR E1 TO E5 (45 NOS)
SC - STORAGE CABINETS LOW HEIGHT (1200MM)
WSP - WORK STATION PARTITION 1350MM HIGH
HOP - HEAD OF PROJECT FULL HEIGHT CABIN 1 NOS.

"BEFORE PROCEEDING WITH CONSTRUCTION, PLEASE MAKE SURE IT IS THE LATEST REVISION BY SCANNING THE QR CODE IMPRINTED IN THE BLOCK"

BHEL-PROJECT ENGINEERING MANAGEMENT(OVA)				
THIS DRAWING MARKED (✓) IS RELEASED FOR COMMENTS/APPROVAL				
□ PLANNING/INFORMATION				
□ CONSTRUCTION				
STAMP ALL PREVIOUS REVISION AS SUPERSEDED				
NAME	ISSUED BY	DATE		
SIGNATURE	DATE	27/04/2021		

NTPC NO. 9585-001-301-PVC-C-106A

CUSTOMER
NTPC LIMITED

3x800MW PATRATU SUPER THERMAL POWER PROJECT

Signature
Prasad
Date: 2021.05.10
Reason: CAT II
location: NTPCEOC

NOTE: SCAN QR CODE FOR CHECKING THE LATEST REV. STATUS OF DRAWING.

OWNER'S CONSTRUCTION OFFICE
ARCHITECTURAL GROUND FLOOR PLAN

DEPT. SCALE 1:100
SIGN

DRAWING NO.
PE-DG-434-626-C001

SHEET 1 OF 2
REV. 4

SCHEDULE OF DOORS & WINDOWS					
TYPE	SIZE	SILL LVL. FROM FFL	UNTEL LVL. FROM FFL	NOS.	REMARKS
D1	1300X2400	-	2400	02	ALUMINUM FRAMED GLAZING AUTOMATIC SLIDING DOOR WITH 8 THK. TOUGHENED GLASS.
D2	1000X2400	-	2400	11	35 THK. SOLID CORE FLUSH DOOR (DECORATIVE TYPE LAMINATED FLUSH DOOR SHUTTER)
D3	750X2400	-	2400	16	35 THK. SOLID CORE FLUSH DOOR (DECORATIVE TYPE LAMINATED FLUSH DOOR SHUTTER)
D4	1200X2400	-	2400	17	POWDER COATED ALUMINUM GLAZED DOOR WITH 8MM THK TOUGHENED GLASS
D5	1500X2400	-	2400	04	POWDER COATED ALUMINUM GLAZED DOOR WITH 8MM THK TOUGHENED GLASS
D6	900X2400	-	2400	02	35 THK. SOLID CORE FLUSH DOOR (DECORATIVE TYPE LAMINATED FLUSH DOOR SHUTTER)
D7	1800X2400	-	2400	02	POWDER COATED ALUMINUM GLAZED DOUBLE SHUTTER DOOR WITH 8MM THK TOUGHENED GLASS
W1	2000X1500	900	2400	29	POWDER COATED ALUMINUM GLAZED PARTLY OPENABLE PARTLY CLOSED WINDOW WITH 24MM THK. HERMETICALLY SEALED DOUBLE GLAZING WITH TOUGHENED GLASS
W2	1500X1500	900	2400	04	POWDER COATED ALUMINUM GLAZED PARTLY OPENABLE PARTLY CLOSED WINDOW WITH 24MM THK. HERMETICALLY SEALED DOUBLE GLAZING WITH TOUGHENED GLASS
W3	1200X1500	900	2400	10	POWDER COATED ALUMINUM GLAZED PARTLY OPENABLE PARTLY CLOSED WINDOW WITH 24MM THK. HERMETICALLY SEALED DOUBLE GLAZING WITH TOUGHENED GLASS
V1	900X600	1800	2400	22	POWDER COATED ALUMINUM GLAZED FIXED VENTILATOR WITH 6MM THK. TOUGHENED GLASS
EF	330#	CL. OF EXHAUST FAN EL(+).5.715		27	EXHAUST FAN OPENING
OP1	200X200	2200	2400	12	OPENING IN CLADDING.


GROUND FLOOR PLAN A
EL(+).3.000 M. FFL

DETAIL-A
SCALE 1:25

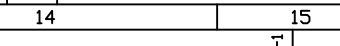
DETAIL-B
SCALE 1:25


COMPUTER FILE NAME



CL	- CENTER LINE	EL(+).xxx	- LEVEL TAG
EF	- EXHAUST FAN		- TILE DROP
EL	- ELEVATION	TOC	- TOP OF CONCRETE
FFL	- FINISHED FLOOR LEVEL	TOS	- TOP OF STEEL
Typ	- TYPICAL	TOP	- TOP OF PARAPET
BOV	- BOTTOM OF VENTILATOR	UND	- UNLESS NOTED OTHERWISE
BOG	- BOTTOM OF GUTTER	BOO	- BOTTOM OF OPENING
		BOS	- BOTTOM OF STEEL

BHEL—PROJECT ENGINEERING MANAGEMENT(CIVIL)	
THIS DRAWING MARKED(✓) IS RELEASED FOR	
<input checked="" type="checkbox"/> COMMENTS/APPROVAL <input type="checkbox"/> PLANNING/INFORMATION <input type="checkbox"/> CONSTRUCTION	
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ISSUED BY	
NAME	ABHAY KUMAR
SIGNATURE	—Sd—
DATE	27/04/2021

[illegible]

				SIGN				DRAWING NO.	
								PE-DG-434-626-C001	
								SHEET 2 OF 2	
								REV. 4	

3 X 800 MW PATRATU STPP		
COMPLIANCE REPORT		
NTPC Transmittal No :null301:4638, Dtd 06/08/2019		
OWNER'S CONS. OFFICE-ARCHITECTURAL PLANS & FINISH SCHEDULE		
Drg. No.:9585-001-301-PVC-C-106A-03 (PE-DG-434-626-C001-R3)		
Sl no.	NTPC Comments	BHEL's reply
1	Commnet on MOM dtd 12th July 2019: If the office building is shifted towards 11m north side, it will be very close the Road and there will not be any space available for landscaping between road and office building. Therefore it is requested that office building is to be constructed as per the drawing and matter of dismantling of existing CISF building to be taken up with PVUNL.	The orientation and location was already discussed wth PVUNL to avoid dismantling of existing CISF. Accordingly, the orientation and co-ordinate of building updated as per agreed location with PVUNL and as constructed at site.
2	Indicate Lighting mast 11 at 897.0E and 1488.0N and ensure no fouling of lighting mast with parking road	Lighting mast indicated . Due to change in orinetation and location of building , now ther is no any fouling.



NOTES:-

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- ALL ELEVATIONS ARE REFERRED TO THE FINISHED FLOOR LEVEL OF POWER HOUSE BUILDING AS EL. 0.00 M WHICH CORRESPONDS TO RL(+). 375.50 M.
- FOR OTHER NOTES AND STD. DETAILS REF. DRG. PE-DG-434-600-C001 (NTPC DRG NO. 9585-001-315-PVC-C-04518)
- COLUMNS TO BE ENCASED WITH 230/115TK. BRICK WALL AS SHOWN UP TO BOTTOM OF FALSE CEILING.
- SINGLE SHEET CLADDING TO BE PROVIDED FOR AREAS WHERE BRICKWORK IS PROVIDED

ENGINEERING REFERENCE DRAWINGS :-

PE-DG-434-100-N001 - PLOT PLAN (NTPC NO. 9585-001-999-POC-F-001)
9585-001-POC-002 NTPC DRG. - CONSTRUCTION OFFICE ARCH. DETAILS

STRUCTURAL REFERENCE DRAWINGS :-

- PE-DG-434-626-004 - OWNER'S OFFICE-G.A. AND R.C. DETAILS OF FOUNDATION. (9585-001-301-PVC-C-127)
- PE-DG-434-626-005 - OWNER'S OFFICE-STRUCTURAL DETAILS OF BASE PLATE & MAIN FRAME. (9585-001-301-PVC-C-128)
- PE-DG-434-626-007 - OWNER'S OFFICE-SIDE CLADDING DETAILS. (9585-001-301-PVC-C-130)
- PE-DG-434-626-008 - OWNER'S OFFICE-STRUCTURAL DETAILS OF ROOF TRUSS. (9585-001-301-PVC-C-138)

ARCHITECTURAL DRAWINGS :-

- PE-DG-434-626-001 - OWNER'S CONSTRUCTION OFFICE ARCHITECTURAL PLAN. (9585-001-301-PVC-C-106)
- PE-DG-434-626-002 - OWNER'S CONSTRUCTION OFFICE ARCHITECTURAL ELEVATIONS & SECTIONS. (9585-001-301-PVC-C-106B)

NOTE:-

PLASTER:-

- EXTERNAL PLASTER (ROUGH FACE) ON BRICK WALL SHALL BE 18MM THK. (UNO)
- INTERNAL PLASTER (SMOOTH FACE) ON BRICK WALL SHALL BE 12MM THK.(UNO)
- ACRYLIC WALL PUTTY IN TWO COATS TO BE APPLIED OVER CEMENT PLASTERED SURFACES IN INTERIOR OF BUILDING.(UNO)
- RCC CEILING TO BE PROVIDED WITH 6MM THK. CEMENT SAND PLASTER 1:4. (UNO)

LEGENDS:-

SANDWICHED WALL CLADDING WITH OUTER FACE - 10MM THICK SILICA FIBER BOARD CLADDING FIXED OVER STEEL WITH SELF THREADED STUDS. INNER FACE-12.5MM THICK GYPSUM BOARD CONFORMING TO IS:2095 PART I, FINISHED WITH ACRYLIC EMULSION PAINT. 50MM THICK INSULATION OF GLASS WOOL TO BE PROVIDED BETWEEN OUTER & INNER FACE. OUTER FACE TO BE FINISHED WITH 4MM THK AL COMPOSITE PANEL. INSIDE VISIBLE WITH COLOUR SHADE RAL-9002 AS APPROVED BY NTPC.

230 THK. BRICK WALL FINISHED WITH 4MM. THK. ACP PANEL

SANDWICHED METAL SHEET FOR ROOFING, CONSISTING OF TOP SHEET AS TROUGHED PERMANENTLY COLOUR COATED SHEET & BOTTOM SHEET AS PLAIN PERMANENTLY COLOUR COATED FOR COVERING EXPOSED METAL SURFACE. 50MM THICK INSULATION OF GLASS WOOL TO BE PROVIDED BETWEEN OUTER & INNER FACE. INSIDE VISIBLE WITH COLOUR SHADE RAL-9002 AS APPROVED BY NTPC.

CL - CENTER LINE
EL - ELEVATION
FFL - FINISHED FLOOR LEVEL
TYP - TYPICAL
BOV - BOTTOM OF VENTILATOR
BOG - BOTTOM OF GUTTER

EL(+).X.XXXX - LEVEL TAG
TILE DROP
TOC - TOP OF CONCRETE
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LINTEL - BOTTOM OF STEEL

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FHG - FULL HEIGHT CABIN WITH MODULAR PARTITION & TOUGHENED 6MM THK. ETCHED GLASS ABOVE 1500 HIGH OPAQUE PARTITION.
LH - LOW HEIGHT (1350MM) CABINS WITH MODULAR PARTITION FOR SR. MANAGER/DGM (12 NOS)
WS - WORK STATION S FOR EL TO E5 (45 NOS)
SC - STORAGE CABINETS LOW HEIGHT (1200MM)
WSP - WORK STATION PARTITION 1350MM HIGH.
HOP - HEAD OF PROJECT FULL HEIGHT CABIN 1 NOS.

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BHEL-PROJECT ENGINEERING MANAGEMENT(CIVIL)
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PLANNING/INFORMATION
CONSTRUCTION
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ISSUED BY
NAME ABHAY KUMAR
SIGNATURE
DATE 27/04/2021

NTPC NO.- 9585-001-301-PVC-C-106B
CUSTOMER PATRATU VIDYUT UTPADAN NIGAM LIMITED
(A SUBSIDIARY OF NTPC LTD)

3x800MW PATRATU SUPER THERMAL POWER PROJECT

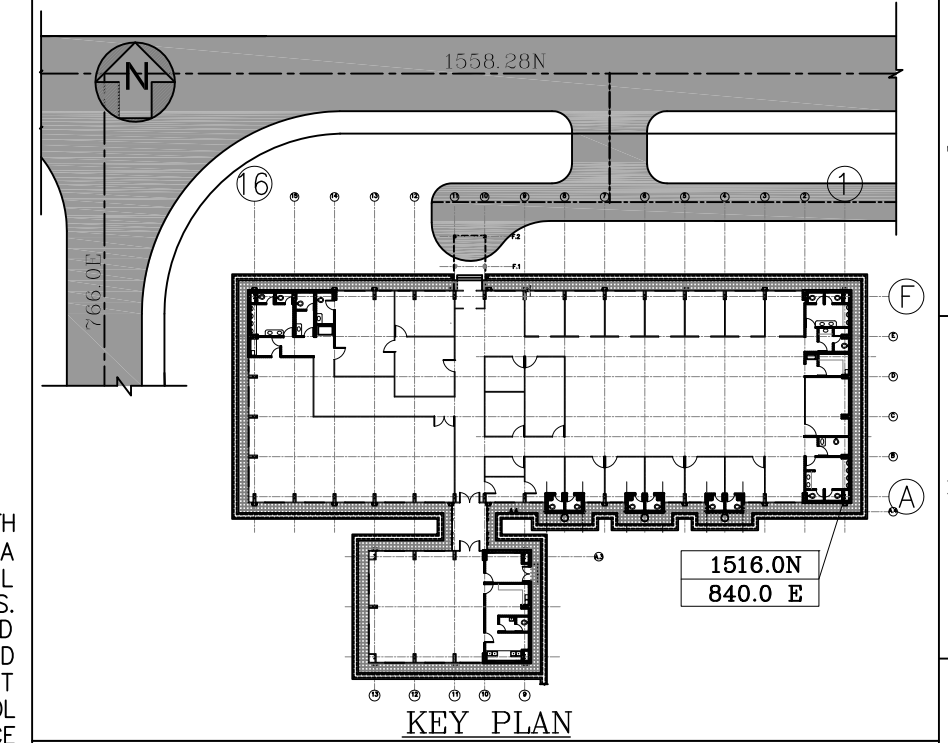
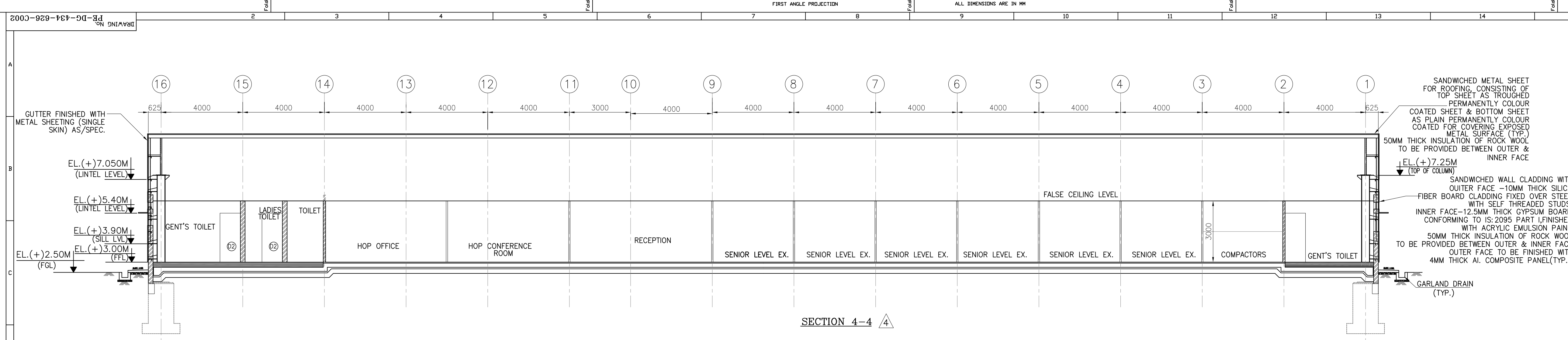
BHART HEAVY ELECTRICALS LTD
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NOIDA

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OWNER'S CONSTRUCTION OFFICE
ARCHITECTURAL ELEVATIONS

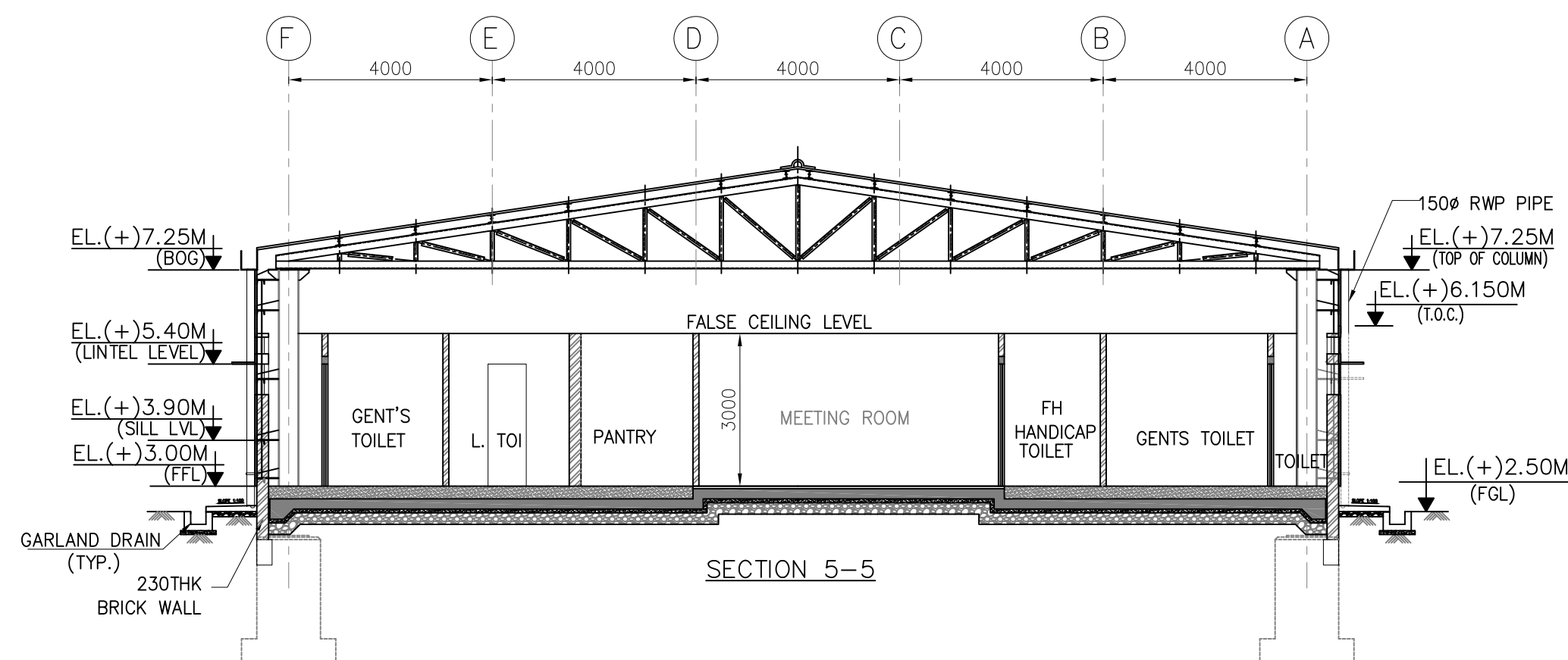
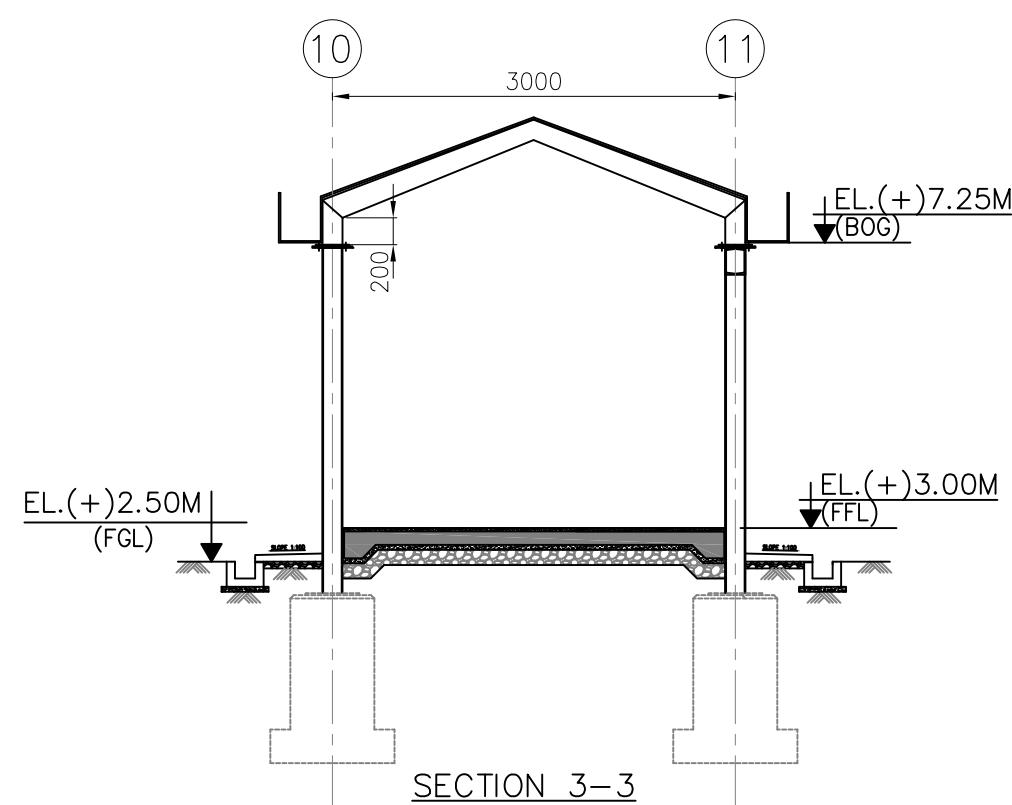
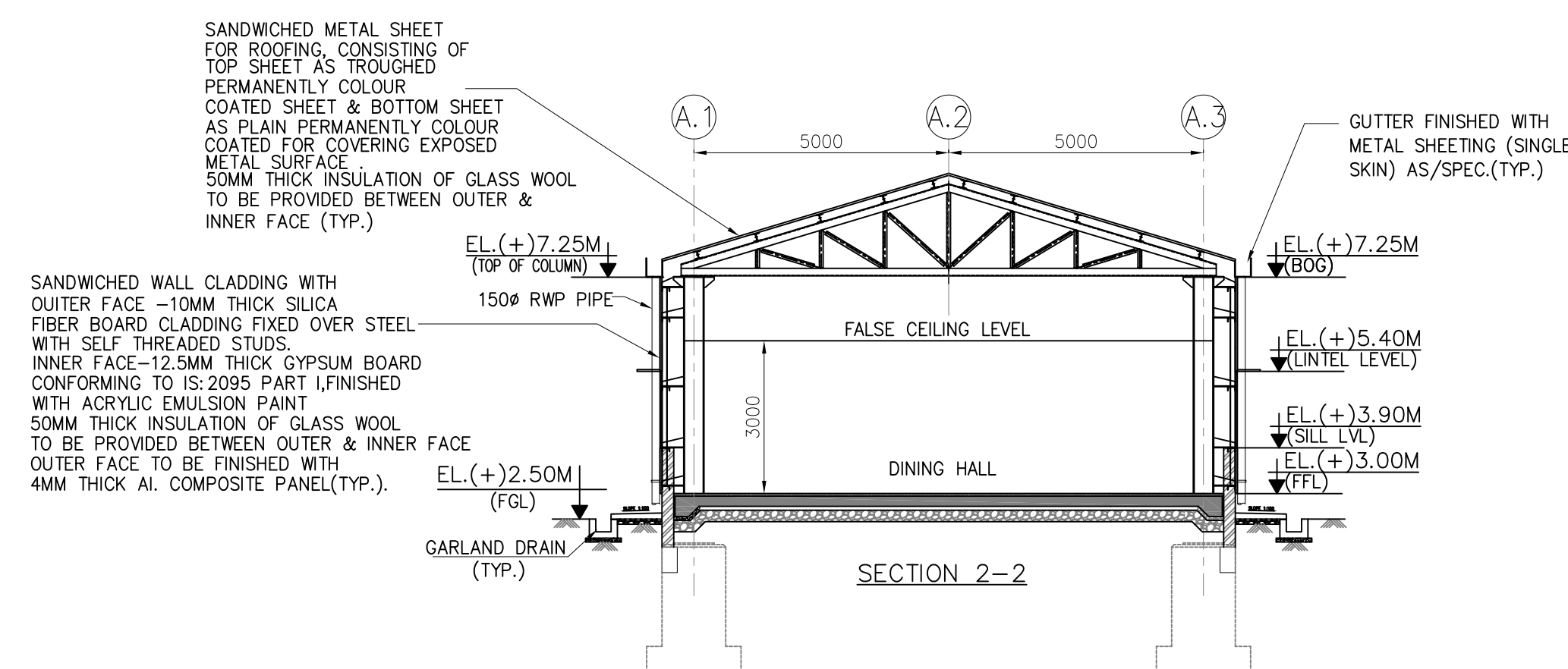
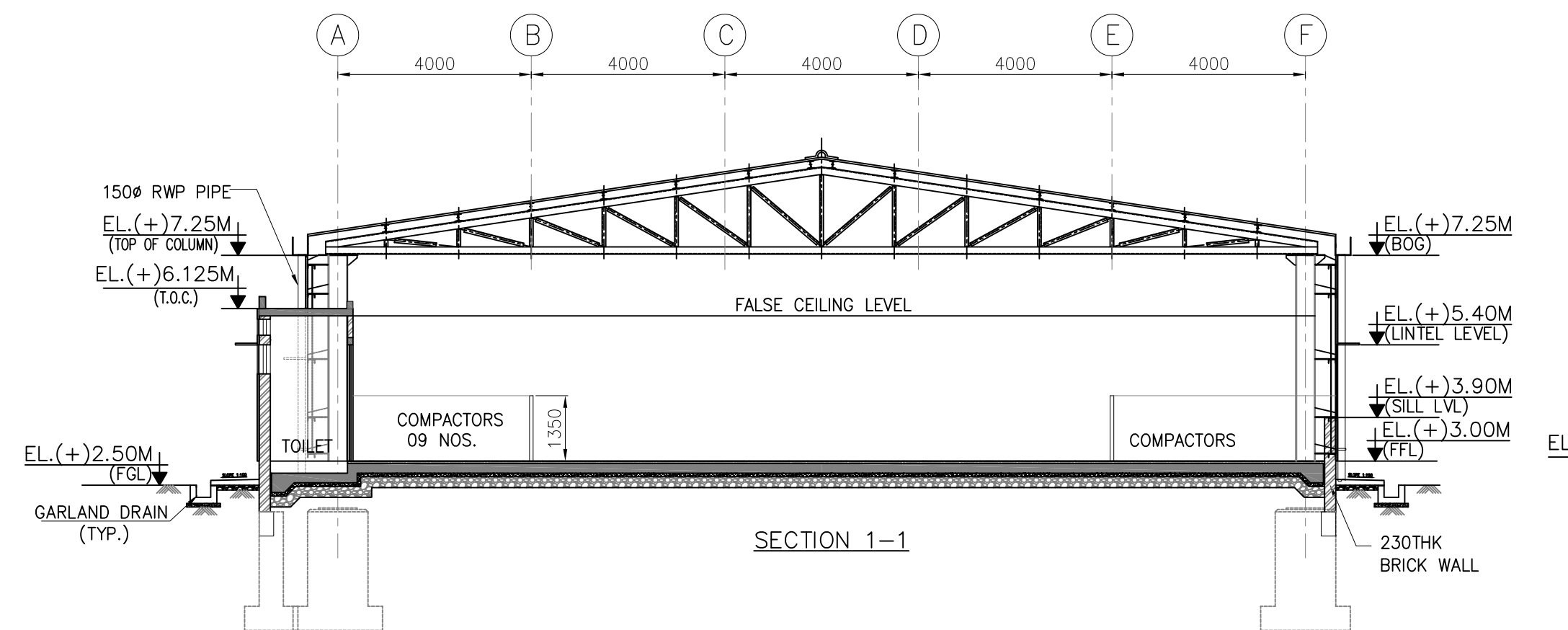
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DRAWING NO.
PE-DG-434-626-C002
SHEET 1 OF 2
REV. 4



LEGENDS.:-

	230THK./115THK. BRICK WALL
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CL	- CENTER LINE	EL(+X.XXX)	- LEVEL TAG
EF	- EXHAUST FAN		
EL	- ELEVATION		- TILE DROP
FFL	- FINISHED FLOOR LEVEL	TOC	- TOP OF CONCRETE
TYP	- TYPICAL	TOS	- TOP OF STEEL
BOV	- BOTTOM OF VENTILATOR	TOP	- TOP OF PARAPET
BOG	- BOTTOM OF GUTTER	UNO	- UNLESS NOTED OTHERWISE
		BOO	- BOTTOM OF OPENING
		UNTEL-LE	- BOTTOM OF STEEL



THIS DRAWING SHALL BE READ IN CONJUNCTION
WITH DRAWING NO. 9585-001-301-PVC-C-106B (SH1)

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ISSUED BY	
NAME	ABHAY KUMAR
SIGNATURE	-Sd-
DATE	27/04/2021



NOTE: SCAN QR CODE FOR CHECKING
THE LATEST REV. STATUS OF DRAWING

JOB NO.	434
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STATUS

DISTRIBUTION	

[illegible]

REV.	DATE	ALTD	CHD	APP.
1	19.06.18	JN	SG/AR	NC

	REVISED IN LINE WITH COMMENTS RECEIVED BY NTPC DATED:16.05.18.
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[illegible][illegible]

14	15
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Fold-:

	DATE	27/04/2021
NTPC NO.- 9585-001-301-PVC-C-106B		

CUSTOMER	PATRATU VIDYUT UTPADAN NIGAM LIMITED (A SUBSIDIARY OF NTPC LTD)
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3x800MW PATRATU SUPER THERMAL POWER PROJECT



BHARAT HEAVY ELECTRICALS LTD
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NOIDA

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indirectly in any way detrimental to the interest of the company.			CHD	ASHAY	-SD-
			APPD	AKS	-SD-
					27.03.2021
					27.03.2021
					27.03.2021
					27.03.2021

TITLE	<u>OWNER'S CONSTRUCTION OFFICE</u> <u>ARCHITECTURAL SECTIONS</u>
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							DEPT.	SCALE 1:100	DRAWING NO.				
							SIGN		PE-DG-434-626-C002				
									SHEET	2	OF	2	REV

SIZE-AC


SIZE-AD

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COMPUTER FILE NAME:

REV.	DATE	ALTD	CHD	APPD	REV.	DATE	ALTD	CHD	APPD
4	27.04.21	SO	AK	SP	3	20.07.19	JN	SG/AR	AKS
	KEYPLAN UPDATED AS PER MOM DATED 12.07.2019 SUBMITTED FOR CAT-1 APPROVAL. REVISED MARKED AS A.					LOCATION OF OWNER'S OFFICE REVISED TO AVOID FOULING WITH EXISTING ROAD AND MAKE SPACE FOR ITS IMMEDIATE CONSTRUCTION AT SITE. THIS IS AS PER MOM DATED 12.07.2019.			

REV.	DATE	ALTD	CHD	APP
1	19.06.18	JN	SG/AR	AKS
REVISED IN LINE WITH COMMENTS RECEIVED BY NTPC DATED:16.05.18.				

BHMART HEAVY ELECTRICALS LIMITED it must not be used directly or indirectly in any way detrimental to the interest of the company.		C	DESIGN	SOMNAN GUPTA	-SD-	27.03.2021
			CHD	ABHAY	-SD-	27.03.2021
			APPRO	AKS	-SD-	27.03.2021
TITLE		OWNER'S CONSTRUCTION OFFICE ARCHITECTURAL SECTIONS				
			DEPT.	SCALE: 1:100	DRAWING NO.	
			SIGN		PE-DG-434-628-C002	

								SHEET	2 OF	2	REV.	4
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SIZE-AD

3 X 800 MW PATRATU STPP		
COMPLIANCE REPORT		
NTPC Transmittal No :null301:4637, Dtd 06/08/2019		
OWNER'S CONS. OFFICE-ARCHITECTURAL ELEVATIONS & SECTIONS		
Drg. No.:9585-001-301-PVC-C-106B-03 (PE-DG-434-626-C002-R3)		
Sl no.	NTPC Comments	BHEL's reply
1	Refer comments marked in plan drawing	Comments marked in plan drawing already incorpoarted. Please refer the complince sheet attached with plan drawing

