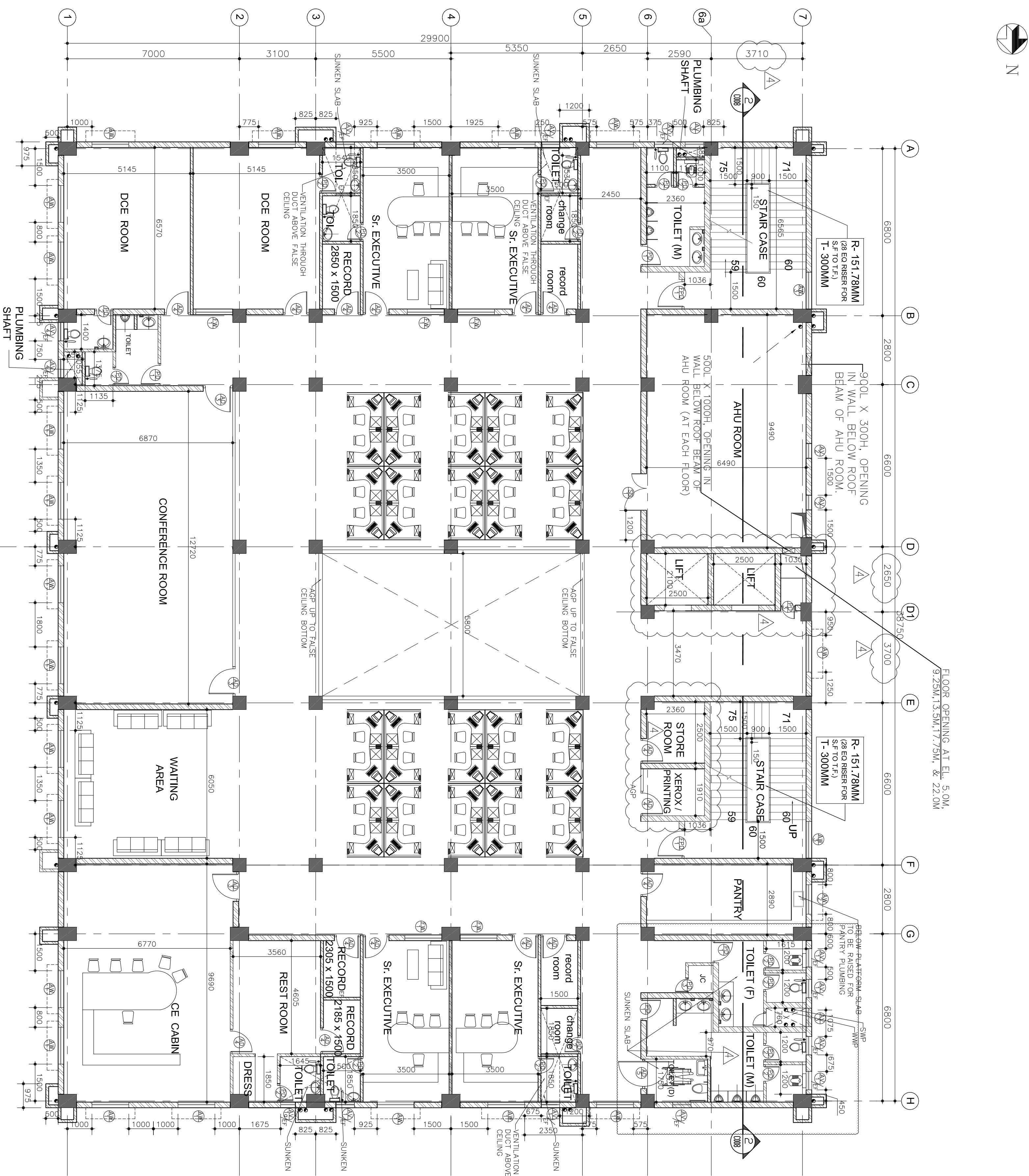




SECOND FLOOR PLAN AT EL(+).9.25M (FFL)

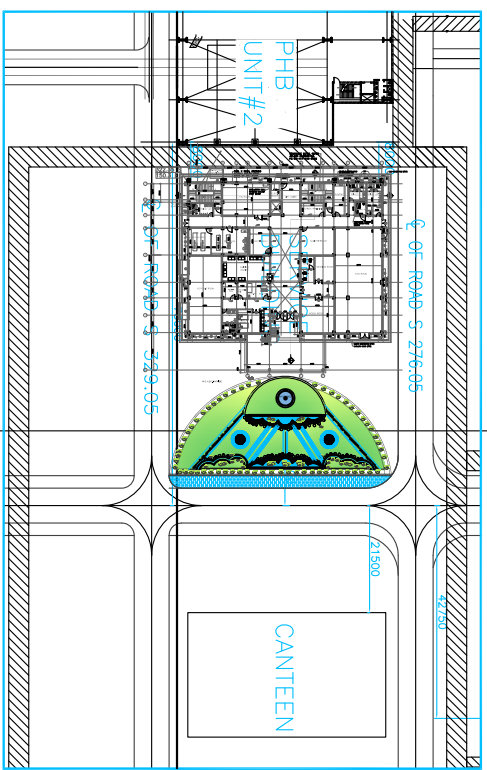
SYMBOL	No.	SILL LVL AT EL.+...	MASONRY OPENING WITH HEIGHT	REMARKS
	1	(+9.250	1500 2500	PRESSED STEEL DOOR FRAME WITH DOUBLE PLATE FLUSH SHUTTERS (VISION PANEL 250x400)- SHUTTER (JAHU ROOM)
	-	(+9.250	1500 2500	ALUMINUM FRAMED WITH FLUSH DOOR- DOUBLE SHUTTER
	3	(+9.250	1200 2500	ALUMINUM FRAMED WITH FLUSH DOOR- SINGLE SHUTTER
	15	(+9.250	1000 2500	ALUMINUM FRAMED WITH FLUSH DOOR- SINGLE SHUTTER
	1	(+9.250	1200 2500	ALUMINUM FRAMED WITH FLUSH DOOR- SINGLE SHUTTER (SHUTTER/CANPEL TOILET)
	2	(+9.250	1200 2500	ALUMINUM FRAMED WITH FLUSH DOOR- SINGLE SHUTTER (SHUTTER/CANPEL TOILET) TOUGHENED GLASS DECK & VISION PANEL 6MM THK
	4	(+9.250	900 2500	PRESSED STEEL DOOR FRAME WITH FIRE-RATED PARTICLE BOARD- SINGLE SHUTTER(HANDICAP TOILET)
	16	(+9.250	750 2100	PRESSED STEEL DOOR FRAME WITH SOLID CORE FLUSH DOOR SHUTTER- SINGLE SHUTTER (FOR TOILET DOOR)
	2	(+9.250	600 2100	PRESSED STEEL DOOR FRAME WITH SOLID CORE FLUSH DOOR SHUTTER- SINGLE SHUTTER (JAC)
		(+10.250	1500 1500	ALUMINUM GLAZED OPERABLE WINDOW
	1	(+10.250	1200 1500	ALUMINUM GLAZED OPERABLE WINDOW
		(+10.250	1500 1500	ALUMINUM GLAZED OPERABLE WINDOW
	5	(+10.250	1500 1500	ALUMINUM FRAMED GLAZED WINDOW WITH WIRED GLASS 6MM THICK
	-	(+10.450	750 2250	ALUMINUM FRAMED GLAZED WINDOW WITH WIRED GLASS 6MM THICK
	11	(+11.050	750 600	ALUMINUM VENTILATOR TOP HUNG WITH 4MM THK FROSTED GLASS
	1	(+11.050	600 600	ALUMINUM VENTILATOR TOP HUNG WITH 4MM THK FROSTED GLASS
	2	(+11.050	600 900	ALUMINUM VENTILATOR TOP HUNG WITH 4MM THK FROSTED GLASS
		(+9.700	600 1650	ALUMINUM FRAMED LOUVERED VENTILATOR
	2	(+10.250	750 1000	ALUMINUM VENTILATOR TOP HUNG WITH 4MM THK FROSTED GLASS
	18	(+11.915)	±330	EXHAUST FAN OPENING

NOTE: * GROUND FLOOR WINDOWS SHALL BE PROVIDED WITH M.C.CREIL.

FINISHING SCHEDULE

[illegible]

KEY PLAN



NOTES:—

1. ALL DIMENSIONS ARE IN MM & EQUIVALENTS IN METERS UNLESS NOTED OTHERWISE.
2. THE FINISHED FLOOR LEVEL (F.F.L) OF POWER HOUSE BUILDING, GROUND FLOOR IS EL. + 0.00.
3. WHICH CORRESPONDS TO RL. 81.5M, EL. 0.5M ABOVE F.F.L. (RAILGAL) IN WYAN JAWAT AREA.
4. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH CONTRACT TERMS AND CONDITIONS, SPECIFICATION AND SCHEDULE OF ITEMS.
5. ALL BRICK WORK SHALL BE OF 230 THICK AND 115MM THICK AND U.N.O.
6. ALUMINIUM GRILL SHALL BE PROVIDED ON ALL GROUND FLOOR WINDOWS AS PER SPECIFICATION.

REFERENCE DRAWINGS:-

2. PE-DG-01-41-100-0001 - MAIN EQUIPMENT PLANT
3. PE-DG-01-41-640-0001 - SERVICE BLDG ARCH. PLAN AT EL(+0)
4. PE-DG-01-41-640-0002 - SERVICE BLDG ARCH. PLAN AT EL(+0.5)
5. PE-DG-01-41-640-0004 - SERVICE BLDG ARCH. PLAN AT EL(+1)
6. PE-DG-01-41-640-0005 - SERVICE BLDG ARCH. PLAN AT EL(+1.5)
7. PE-DG-01-41-640-0006 - SERVICE BLDG ARCH. PLAN AT EL(+2)
8. PE-DG-01-41-811-0003 - PNB ARCH PLAN AT EL(+0.00)
9. PE-DG-01-41-640-0007 - SERVICE BLDG WEST SIDE ELEVATION
10. PE-DG-01-41-640-0008 - SERVICE BLDG WEST SIDE ELEVATION
11. PE-DG-01-41-640-0011 - SERVICE BLDG SOUTH SIDE ELEVATION
12. PE-DG-01-41-640-0012 - SERVICE BLDG SOUTH SIDE ELEVATION
13. PE-DG-01-41-640-0009 - SERVICE BLDG - SECTION 1-1
14. PE-DG-01-41-640-0010 - SERVICE BLDG - SECTION 2-2

LEGENDS :-

- | | | | |
|---|-----------------------------|---|-----------|
|  | CONCRETE HATCH |  | LEVEL TAG |
|  | —BRICK WALL |  | TILE DROP |
|  | — CENTER LINE | TOC — TOP OF CONCRETE | |
|  | EF — EXHAUST FAN | TOCP — TOP OF CHEQUERED PLATE | |
|  | EL — ELEVATION | TOP — TOP OF PARAPET | |
|  | FTL — FINISHED FLOOR LEVEL | UNO — UNLESS NOTED OTHERWISE | |
|  | — TYPICAL | | |
|  | — ALUMINUM GLAZED PARTITION | | |

INTERIOR WALL— 20MM THICK MINIMUM SAND FACED PLASTER IN TWO LAYERS WITH 1:4 CEMENT SAND MORTAR OF 12MM THICK FIRST LAYER AND 1:3 CEMENT SAND MORTAR WITH 8MM SECOND LAYER.

CEILING - 6 MM THICK WITH 1:3 CEMENT-SAND MORTAR SHALL BE PROVIDED TO ALL EXPOSED CEILINGS, WHERE EVER SMOOTH/EVEN SURFACE IS AVAILABLE CEILING PLASTER SHOULD BE AVOIDED AND 3MM PUNNING SHALL BE PROVIDED

ALL TOILET SUNKEN BY 300MM

BRED - PROJECT ENGINEERING MANAGEMENT (CIVIL) THIS DRAWING WORKED (✓) IS RELEASED FOR ☒ COMMENTS/REVISION ☐ REVISION ☐ PLANNING ☐ INFORMATION ☐ CONSTRUCTION ☐ AS BUILT DRAWING	
STAFF ALL PREVIOUS REVISIONS AS SUPERSEDED ISSUED BY	
NAME	SACHIN JAIN
SIGNATURE	
DATE	20/06/2019

 CUSTOMER	TELANGANA STATE POWER GENERATION CORPORATION LTD TELANGANA, INDIA 5 x 800 MW YADADRI TPS, NALGONDA
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BANGALORE INDIA

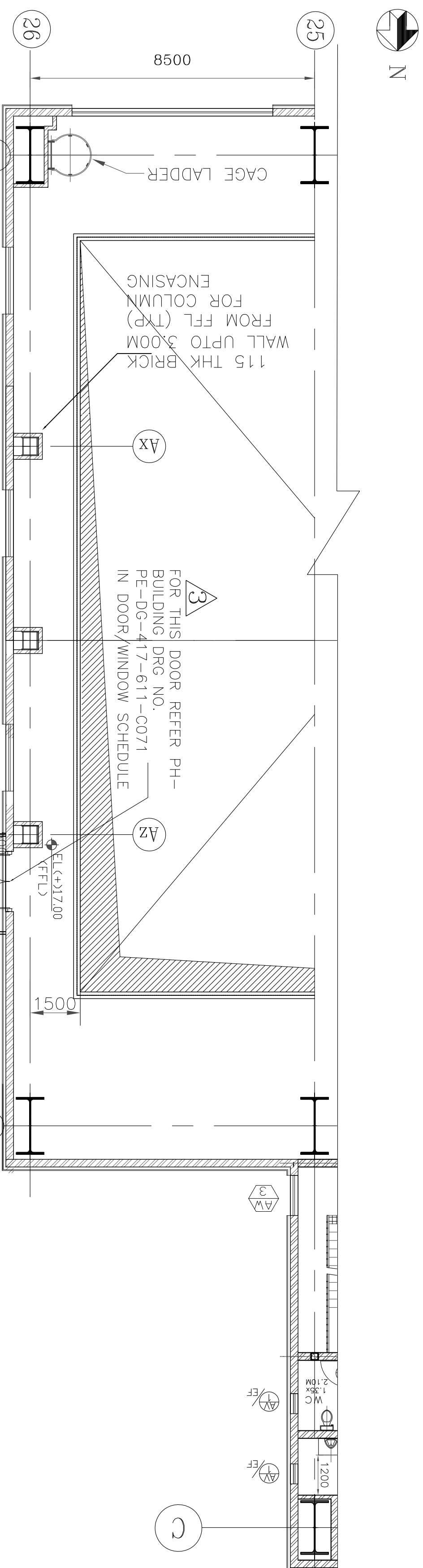
BHARAT HEAVY ELECTRICALS LTD.
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NOIDA

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DEPT	NAME	SIGN DATE
CODE	MRN	10/06/2018
		-54-

TITLE	SERVICE BUILDING
ARCHITECTURAL, SECOND FLOOR PLAN	

D	DEPT.	SCALE
	SIGN	T +

[illegible]



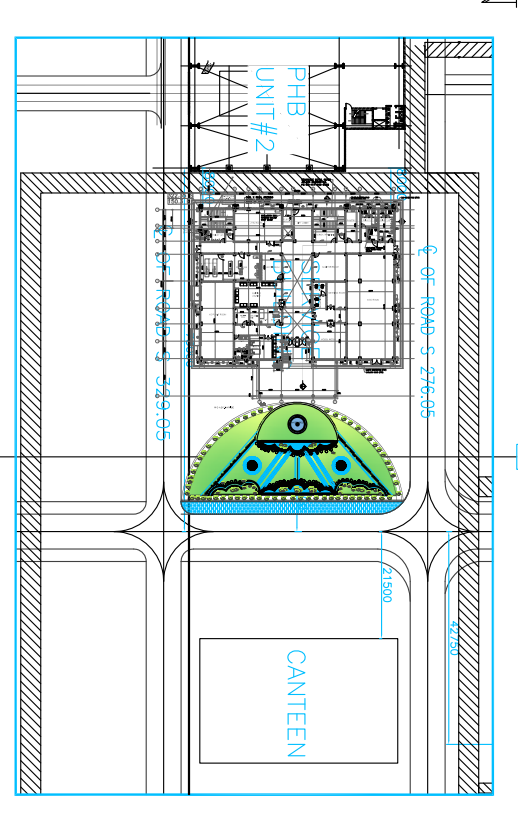
SCHEDULE OF DOOR / WINDOW OPENINGS- (+0.00M LVL)

SYMBOL	Nos.	SILL LVL AT EL+...	MASONRY OPENING WIDTH	HEIGHT	REMARKS
	1	(+17.750	1500	2500	PRESSED STEEL DOOR FRAME WITH DOUBLE PLATE FLUSH SHUTTERS (VISION PANEL 250x400)-
	-	(+18.200	600	1650	PRESSED STEEL DOOR - SINGLE SHUTTER
	1	(+17.750	1500	2500	PRESSED STEEL DOOR FRAME WITH DOUBLE PLATE FLUSH SHUTTERS - DOUBLE SHUTTER
	6	(+17.750	1500	2500	ALUMINIUM FRAMED WITH FLUSH DOOR- DOUBLE SHUTTER
	1	(+17.750	1200	2500	ALUMINIUM FRAMED WITH FLUSH DOOR- SINGLE SHUTTER
	5	(+17.750	1000	2500	ALUMINIUM FRAMED WITH FLUSH DOOR- SINGLE SHUTTER
	1	(+17.750	1200	2500	ALUMINIUM FRAMED WITH FLUSH DOOR- SINGLE SHUTTER (HANDICAPPED TOILET)
	2	(+17.750	1200	2500	FIRE PROOF DOOR FRAME WITH FLUSH DOOR- SINGLE SHUTTER (HANDICAPPED TOILET)
	3	(+17.750	900	2500	PRESSED STEEL DOOR FRAME WITH PRE-LAMINATED PARTICLE BOARD- SINGLE SHUTTER (HANDICAPPED TOILET)
	6	(+17.750	750	2100	PRESSED STEEL DOOR FRAME WITH SOLID CORE FLUSH DOOR SHUTTER- SINGLE SHUTTER (FOR TOILET DOORS)
	3	(+17.750	600	2100	PRESSED STEEL DOOR FRAME WITH SOLID CORE FLUSH DOOR SHUTTER- SINGLE SHUTTER (JC)
	3	(+17.750	600	2100	ALUMINIUM GLAZED OPERABLE WINDOW
	1	(+18.750	1500	1500	ALUMINIUM GLAZED OPERABLE WINDOW
	1	(+18.750	1200	1500	ALUMINIUM GLAZED OPERABLE WINDOW
	2	(+19.000	1500	1500	ALUMINIUM GLAZED OPERABLE WINDOW
	8	(+18.750	1500	1500	ALUMINIUM FRAMED GLAZED WINDOW WITH WIRED GLASS 6MM THICK
	-	(+0.450	750	2250	ALUMINIUM FRAMED GLAZED WINDOW WITH WIRED GLASS 6MM THICK
	7	(+19.550	750	600	ALUMINIUM VENTILATOR TOP HUNG WITH 4MM THK GLASS
	2	(+19.550	600	900	ALUMINIUM VENTILATOR TOP HUNG WITH 4MM THK FROSTED GLASS
	2	(+18.200	600	1650	ALUMINIUM FRAMED LOUVERED VENTILATOR
	2	(+19.250	750	1000	ALUMINIUM FRAMED LOUVERED VENTILATOR
	8	(+20.415E	ø330		EXHAUST FAN OPENING

FINISHING SCHEDULE

S.NO.	AREA	FLOORING			DADO / SKIRTING		INTERNAL WALLS		CEILING								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
		NON SKID VITRIFIED TILES 10mm THICK (600mmX600mm SIZE)	MARBLE FLOORING	50 THK CC FLOORING WITH HARDNER	10mm THK ANTI SKID VITRIFIED TILES (400mmX400mm SIZE)	5 mm THICK GLAZED CERAMIC TILES (*)	NON SKID VITRIFIED TILES	CEMENT CONCRETE SKIRTING	MARBLE	POLISHED GRANITE DADO UP TO 2.6M	ACRYLIC DISTEMPER	SYNTHETIC ENAMEL PAINT (*)	ACRYLIC EMULSION PAINT WITH WHITE CEMENT PUTTY	ACRYLIC DISTEMPER	ALUMINIUM PANNELLED ACOUSTIC FALSE CEILING	GYPSON BOARD FALSE CEILING	CALCIUM SILICATE BOARD FALSE CEILING
1	LIFT LOBBY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	WAITING LOUNGE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	CONFERENCE ROOM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	C & I LAB(UNIT#1&2)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	OFFICE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	XEROX / PRINTING	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	ELECTRICAL LAB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	CORRIDOR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	TOILET	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	PANTRY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	AHU ROOM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	STORE ROOM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	STORAGE ROOM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	ARCHIVE ROOM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	MEETING ROOM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

KEY PLAN



NOTES:-

- ALL DIMENSIONS ARE IN MM & ELEVATIONS IN METERS UNLESS NOTED OTHERWISE.
- ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH CONTRACT TERMS AND CONDITIONS, SPECIFICATION AND SCHEDULE OF ITEMS.
- ALL BRICK WORK SHALL BE OF 230 THK AND 115MM THICK AND L1M0.
- ALL BRICK WORK SHALL BE PROVIDED ON ALL GROUND FLOOR WINDOWS AS PER SPECIFICATION.

REFERENCE DRAWINGS:-

- PE-DG-417-100-M001 - PILOT PLAN
- PE-DG-417-100-M002 - MAIN EQUIPMENT PLAN
- PE-DG-417-640-C001 - SERVICE BLDG-ARCH. PLAN AT EL(+10.000M)
- PE-DG-417-640-C002 - SERVICE BLDG-ARCH. PLAN AT EL(+15.000M)
- PE-DG-417-640-C003 - SERVICE BLDG-ARCH. PLAN AT EL(+19.250M)
- PE-DG-417-640-C004 - SERVICE BLDG-ARCH. PLAN AT EL(+13.500M)
- PE-DG-417-640-C005 - SERVICE BLDG-ARCH. PLAN AT EL(+12.000M)
- PE-DG-417-611-C035 - PHB ARCH.PLAN AT EL(+10.00
- PE-DG-417-640-C006 - SERVICE BLDG-WEST SIDE ELEVATION
- PE-DG-417-640-C007 - SERVICE BLDG-EAST SIDE ELEVATION
- PE-DG-417-640-C008 - SERVICE BLDG-SOUTH SIDE ELEVATION
- PE-DG-417-640-C009 - SERVICE BLDG-NORTH SIDE ELEVATION
- PE-DG-417-640-C010 - SERVICE BLDG-SECTION 1-1
- PE-DG-417-640-C011 - SERVICE BLDG-SECTION 2-2

LEGENDS :-

- CONCRETE HATCH
- BRICK WALL
- CENTER LINE
- EXHAUST FAN
- ELEVATION
- FINISHED FLOOR LEVEL UNO
- TYPICAL
- ALUMINIUM GLAZED PARTITION
- TILE DROP
- TOP OF CONCRETE
- TOP OF COLOURED PLATE
- TOP OF PARALLEL
- UNLESS NOTED OTHERWISE

EXTERIOR WALL - 20MM THICK MINIMUM SAND FACED PLASTER IN TWO LAYERS WITH 1:4 CEMENT SAND MORTAR OF 12MM THICK FIRST LAYER AND 1:3 CEMENT SAND MORTAR WITH 6MM SECOND LAYER.

INTERIOR WALL - 12 MM THICK WITH 1:4 CEMENT-SAND MORTAR.

CEILING - 6 MM THICK WITH 1:3 CEMENT-SAND MORTAR SHALL BE PROVIDED TO ALL EXPOSED CEILINGS, WHERE EVER SMOOTH/EVEN SURFACE IS AVAILABLE CEILING PLASTER SHOULD BE AVOIDED AND 3MM FINISHING SHALL BE PROVIDED.

FALSE CEILING 2.7M BOTTOM LVL FROM FFL.

FALSE CEILING TOILET 3.0M BOTTOM LVL FROM FFL.

ALL TOILET SUNKEN BY 300MM

NAME	DESIGNATION	DATE
DR. S. S. S. S.	DESIGNER	20/06/2019
DR. S. S. S. S.	CHECKER	20/06/2019
DR. S. S. S. S.	APPROVER	20/06/2019

CUSTOMER: TELANGANA STATE POWER GENERATION CORPORATION LTD. TELANGANA, INDIA. 5 x 800 MW YADADRI TPS, NALGONDA.

CONSULTANT: BHARAT HEAVY ELECTRICALS LTD. PROJECT ENGINEERING MANAGEMENT. BANGALORE INDIA.

ARCHITECTURAL THIRD FLOOR PLAN AT EL(+17.75M FFL)

DRAWING NO. PB-DG-417-640-C005

SHEET 1 OF 1