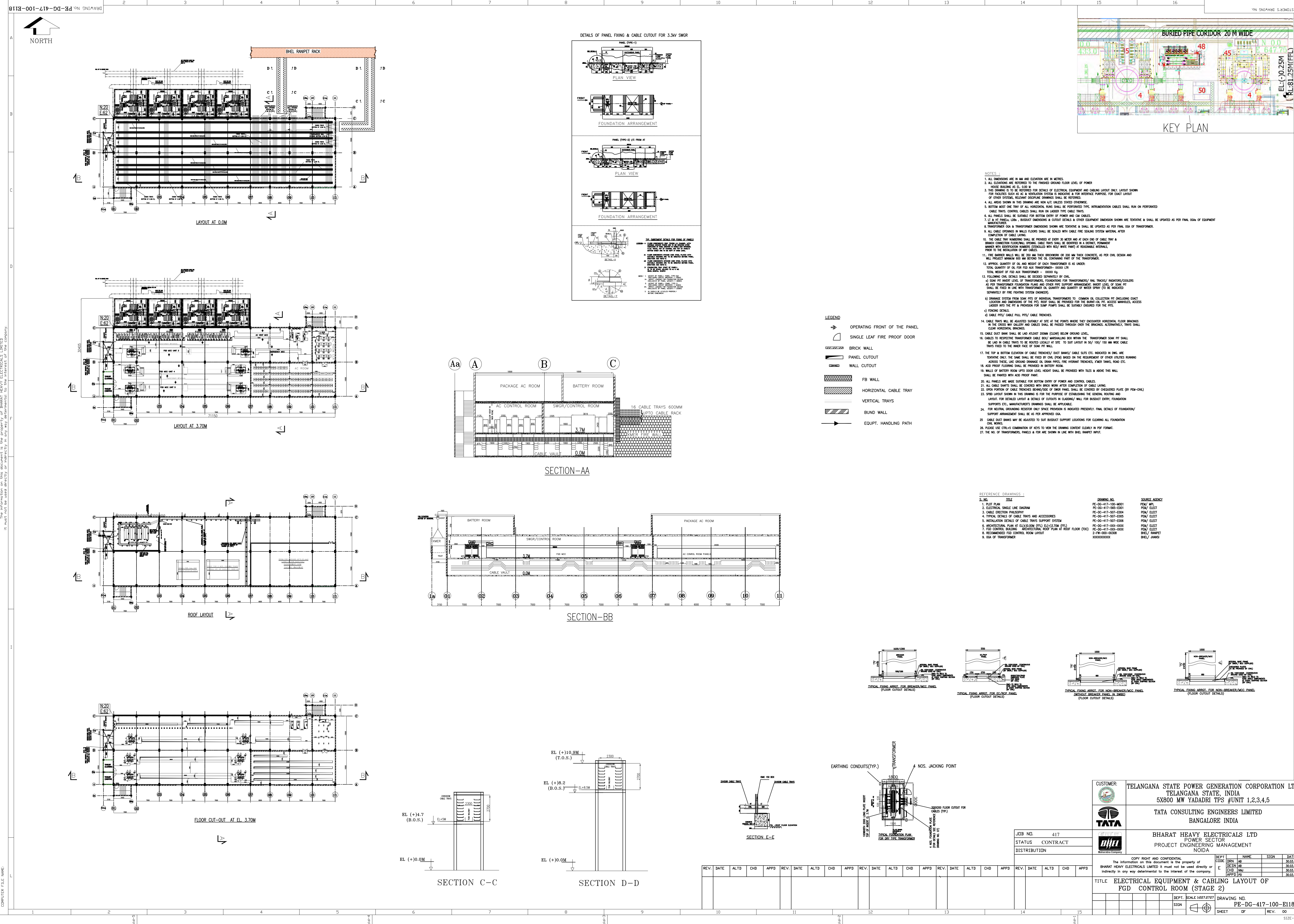
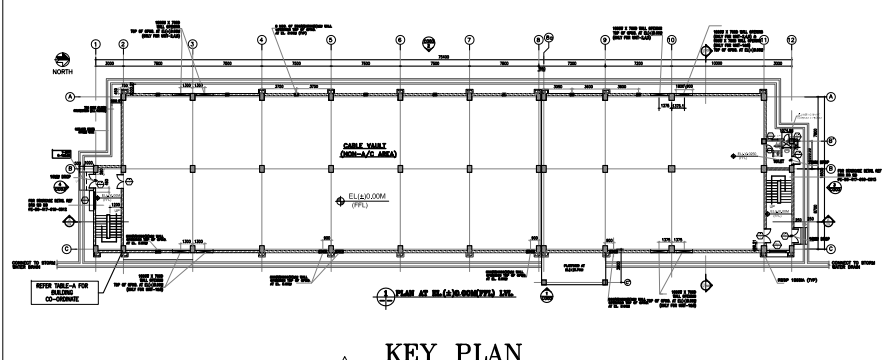
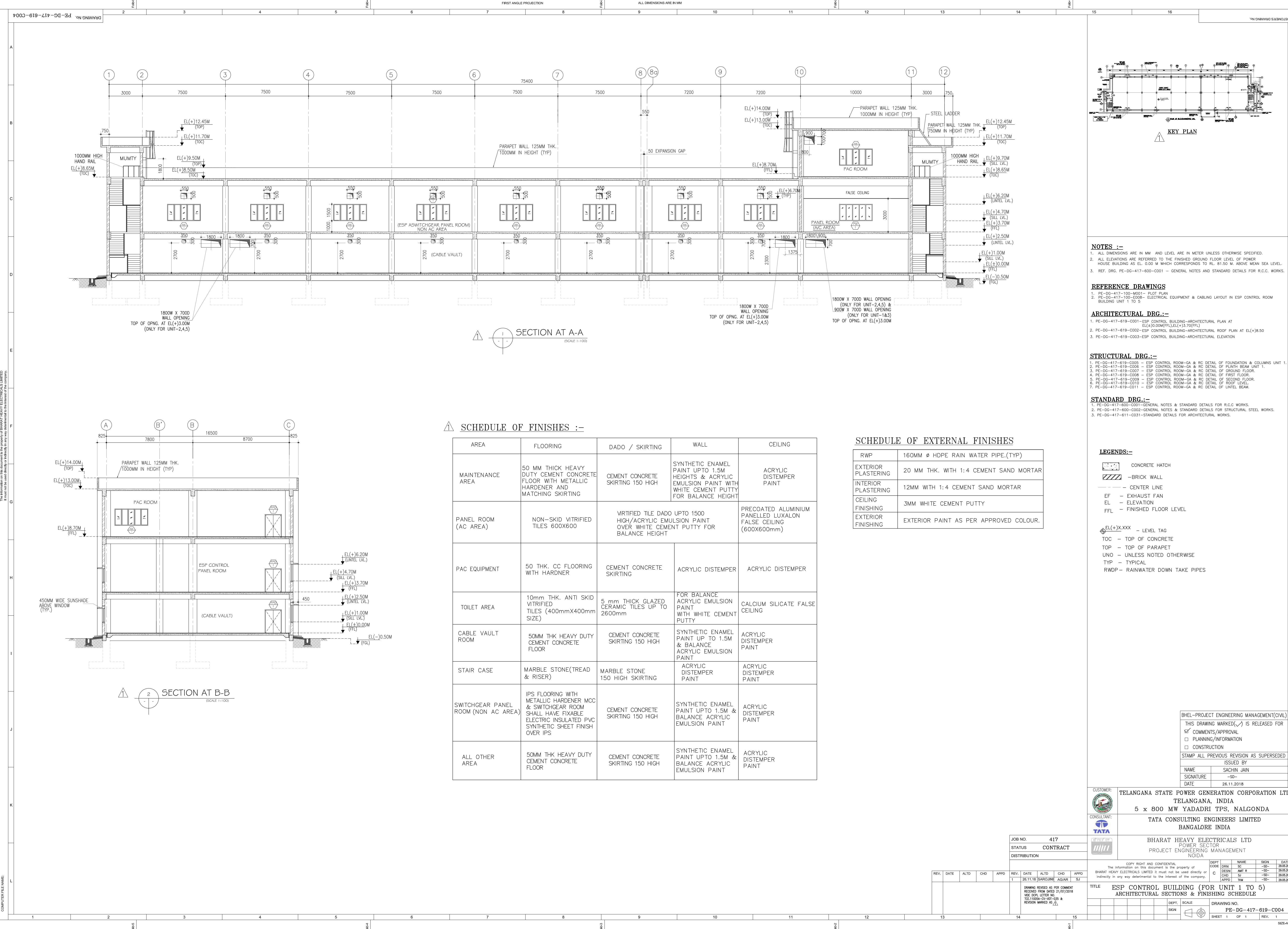




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COMPUTER FILE NAME:

CUSTOMER:	TELANGANA STATE POWER GENERATION CORPORATION LTD TELANGANA STATE, INDIA 5X800 MW YADADRI TPS #UNIT 1,2,3,4,5				
TATA	TATA CONSULTING ENGINEERS LIMITED BANGALORE INDIA				
dhf	BHARAT HEAVY ELECTRICALS LTD POWER SECTOR PROJECT ENGINEERING MANAGEMENT Noida				
JOB NO.	417	DEPT	NAME	SIGN	DATE
STATUS	CONTRACT	CODE	SRN	AB	30.03.20
DISTRIBUTION		CHD	BSN	AB	30.03.20
		APPD	CHD	AB	30.03.20
			APPD	AB	30.03.20
TITLE ELECTRICAL EQUIPMENT & CABLING LAYOUT OF PGD CONTROL ROOM (STAGE 2)					
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DEPT. SCALE 1:87.2727 SIGN					
DRAWING NO. PE-DG-417-100-E118					
SHEET OF REV. 00					



- NOTES :-**
- 1. ALL DIMENSIONS ARE IN MM AND LEVEL ARE IN METER UNLESS OTHERWISE SPECIFIED.
 - 2. ALL ELEVATIONS ARE REFERRED TO THE FINISHED GROUND FLOOR LEVEL OF POWER HOUSE BUILDING AS EL. 0.00 M WHICH CORRESPONDS TO RL. 81.50 M. ABOVE MEAN SEA LEVEL.
 - 3. REF. DRG. PE-DG-417-600-C001 - GENERAL NOTES AND STANDARD DETAILS FOR R.C.C. WORKS.

- REFERENCE DRAWINGS**
- 1. PE-DG-417-619-M001 - PLOT PLAN
 - 2. PE-DG-417-100-E008 - ELECTRICAL EQUIPMENT & CABLING LAYOUT IN ESP CONTROL ROOM BUILDING UNIT 1 TO 5
- ARCHITECTURAL DRG.:-**
- 1. PE-DG-417-619-C001 - ESP CONTROL BUILDING-ARCHITECTURAL PLAN AT EL(+0.00M(FT)),EL(+3.70M(FT))
 - 2. PE-DG-417-619-C002 - ESP CONTROL BUILDING-ARCHITECTURAL ROOF PLAN AT EL(+0.8.50
 - 3. PE-DG-417-619-C003 - ESP CONTROL BUILDING-ARCHITECTURAL ELEVATION

- STRUCTURAL DRG.:-**
- 1. PE-DG-417-619-C005 - ESP CONTROL ROOM-GA & RC DETAIL OF FOUNDATION & COLUMNS UNIT 1.
 - 2. PE-DG-417-619-C006 - ESP CONTROL ROOM-GA & RC DETAIL OF PLINTH BEAM UNIT 1.
 - 3. PE-DG-417-619-C007 - ESP CONTROL ROOM-GA & RC DETAIL OF GROUND FLOOR.
 - 4. PE-DG-417-619-C008 - ESP CONTROL ROOM-GA & RC DETAIL OF FIRST FLOOR.
 - 5. PE-DG-417-619-C009 - ESP CONTROL ROOM-GA & RC DETAIL OF SECOND FLOOR.
 - 6. PE-DG-417-619-C010 - ESP CONTROL ROOM-GA & RC DETAIL OF ROOF LEVEL.
 - 7. PE-DG-417-619-C011 - ESP CONTROL ROOM-GA & RC DETAIL OF LINTEL BEAM.

- STANDARD DRG.:-**
- 1. PE-DG-417-600-C001-GENERAL NOTES & STANDARD DETAILS FOR R.C.C. WORKS.
 - 2. PE-DG-417-600-C002-GENERAL NOTES & STANDARD DETAILS FOR STRUCTURAL STEEL WORKS.
 - 3. PE-DG-417-611-C031-STANDARD DETAILS FOR ARCHITECTURAL WORKS.

- LEGENDS:-**
- CONCRETE HATCH
 - BRICK WALL
 - CENTER LINE
 - EF - EXHAUST FAN
 - EL - ELEVATION
 - FFL - FINISHED FLOOR LEVEL
 - EL(+).X.XXX - LEVEL TAG
 - TOC - TOP OF CONCRETE
 - TOP - TOP OF PARAPET
 - UNO - UNLESS NOTED OTHERWISE
 - TYP - TYPICAL
 - RWDP - RAINWATER DOWN TAKE PIPES

BHEL-PROJECT ENGINEERING MANAGEMENT(OIVL)

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COMMENTS/PROVAL

PLANNING/INFORMATION

CONSTRUCTION

STAMP ALL PREVIOUS REVISION AS SUPERSSEDED

ISSUED BY

NAME SACHIN JAIN

SIGNATURE -SD-

DATE 26.11.2018

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

CONSULTANT: TATA CONSULTING ENGINEERS LIMITED
BANGALORE INDIA

JOB NO. 417

STATUS CONTRACT

DISTRIBUTION

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DEPT. C
DRN. SJ
DESIN. SJ
CHD. SJ
APPRO. TNN

NAME
AMT R
SJ
TNN

SIGN
-SD-
-SD-
-SD-

DATE
26.05.2018
26.05.2018
26.05.2018

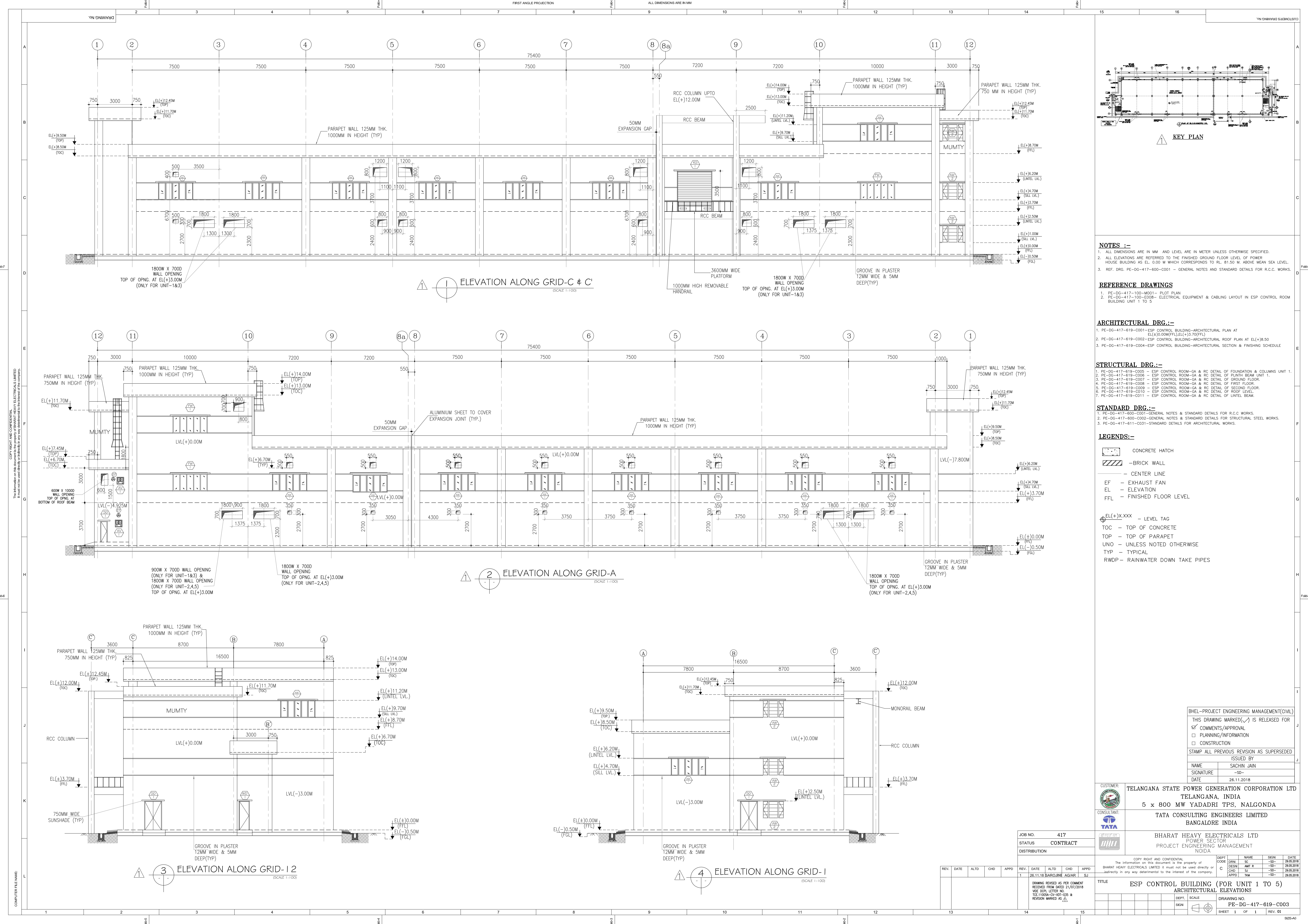
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ARCHITECTURAL SECTIONS & FINISHING SCHEDULE

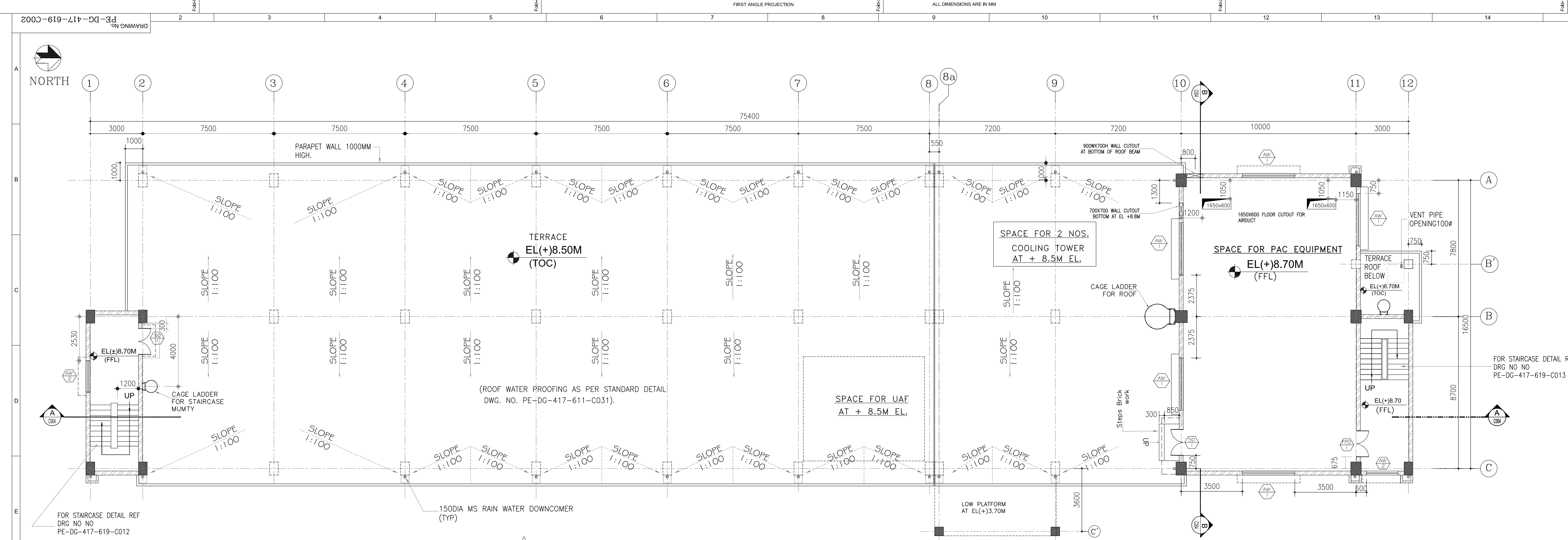
DEPT. SCALE
SIGN

DRAWING NO. PE-DG-417-619-C004

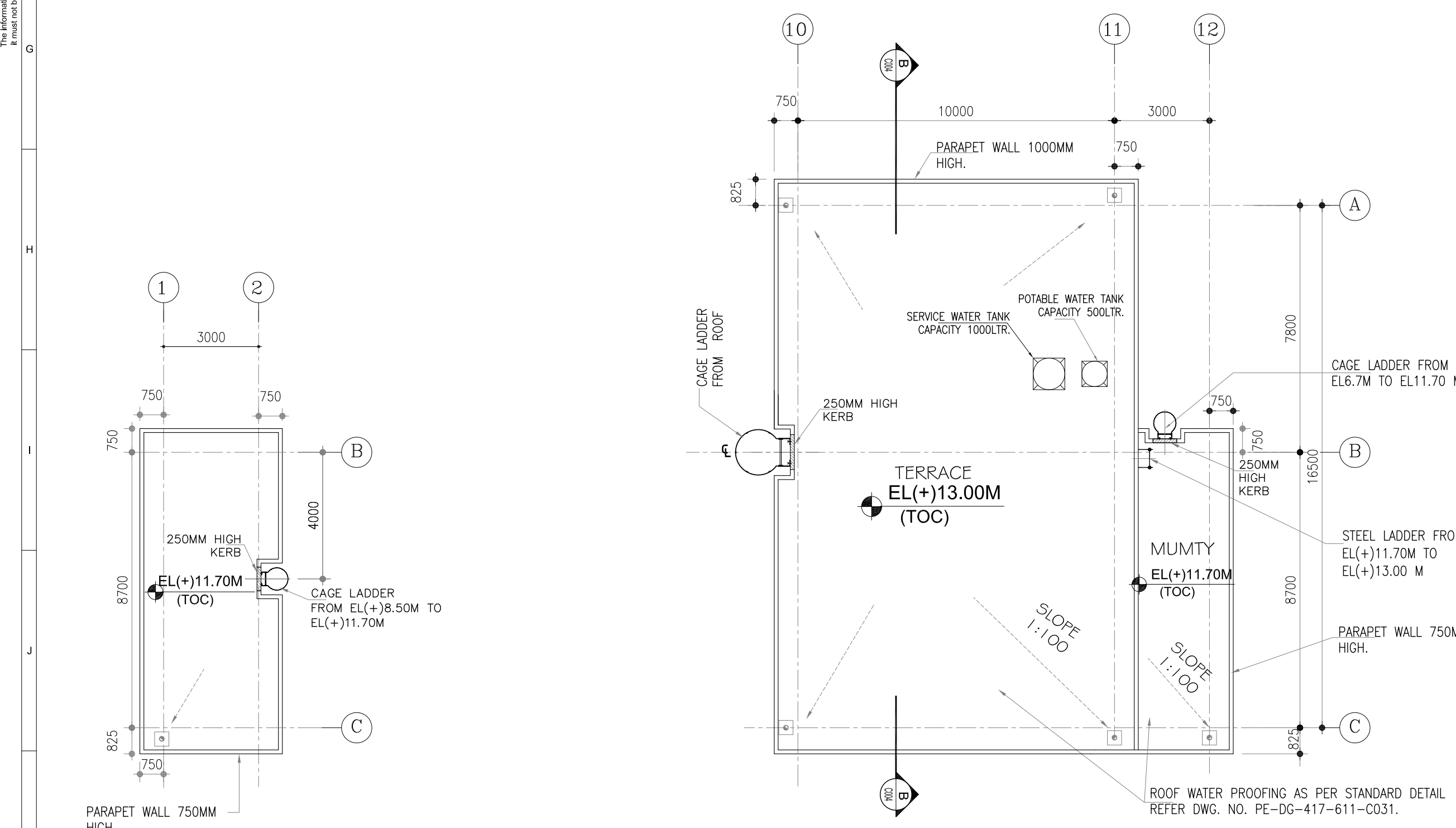
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REV. 1

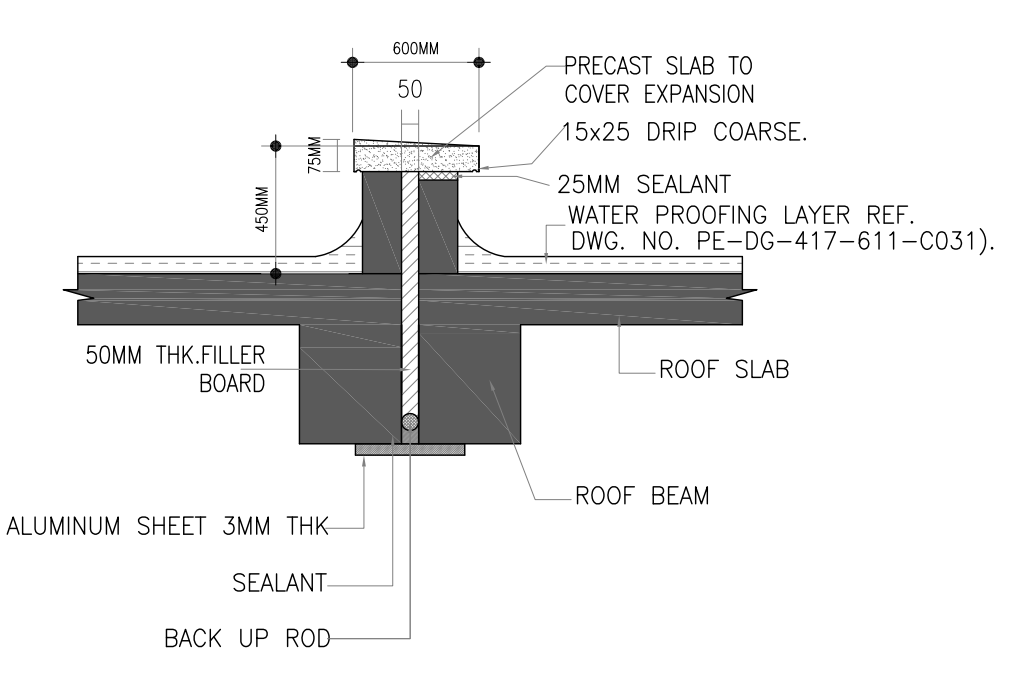




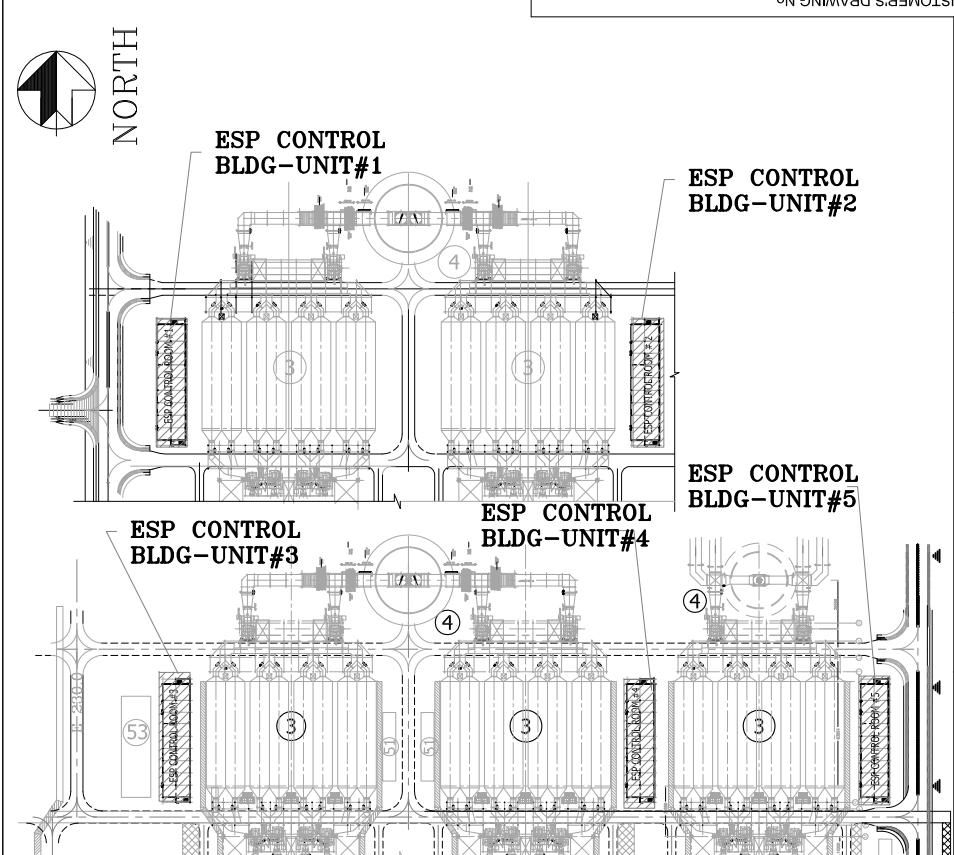
PLAN AT EL(+8.500M(TOC)/8.70M(FFL) LVL



PLAN AT EL(+13.00(TOC) & MUMTY LVL EL(+11.70M(TOC))



TYPICAL DETAIL OF EXPANSION AT ROOF LEVEL (SCALE 1:20)



KEY PLAN

- NOTES :-**
1. ALL DIMENSIONS ARE IN MM. AND LEVEL ARE IN METER UNLESS OTHERWISE SPECIFIED.
 2. ALL ELEVATIONS ARE REFERRED TO THE FINISHED GROUND FLOOR LEVEL OF POWER HOUSE BUILDING AS EL. 0.00 M WHICH CORRESPONDS TO RL. 81.55 M. ABOVE MEAN SEA LEVEL.

- REFERENCE DRAWINGS**
1. PE-DG-417-100-M001- PLOT PLAN
 2. PE-DG-417-100-E008- ELECTRICAL EQUIPMENT & CABLING LAYOUT IN ESP CONTROL BUILDING UNIT 1 TO 5

- ARCHITECTURAL DRG.:-**
1. PE-DG-417-619-C001-ESP CONTROL BUILDING-ARCHITECTURAL PLAN AT EL(+8.500M(FFL),EL(+8.70M(FFL))
 2. PE-DG-417-619-C003-ESP CONTROL BUILDING-ARCHITECTURAL ELEVATION
 3. PE-DG-417-619-C004-ESP CONTROL BUILDING-ARCHITECTURAL SECTION & FINISHING SCHEDULE

- STRUCTURAL DRG.:-**
1. PE-DG-417-619-C005 - ESP CONTROL ROOM-GA & RC DETAIL OF FOUNDATION & COLUMNS UNIT 1.
 2. PE-DG-417-619-C006 - ESP CONTROL ROOM-GA & RC DETAIL OF PLINTY BEAM UNIT 1.
 3. PE-DG-417-619-C007 - ESP CONTROL ROOM-GA & RC DETAIL OF GROUND FLOOR.
 4. PE-DG-417-619-C008 - ESP CONTROL ROOM-GA & RC DETAIL OF FIRST FLOOR.
 5. PE-DG-417-619-C009 - ESP CONTROL ROOM-GA & RC DETAIL OF SECOND FLOOR.
 6. PE-DG-417-619-C010 - ESP CONTROL ROOM-GA & RC DETAIL OF ROOF LEVEL.
 7. PE-DG-417-619-C011 - ESP CONTROL ROOM-GA & RC DETAIL OF LINTEL BEAM.

- STANDARD DRG.:-**
1. PE-DG-417-600-C001-GENERAL NOTES & STANDARD DETAILS FOR R.C.C WORKS.
 2. PE-DG-417-600-C002-GENERAL NOTES & STANDARD DETAILS FOR STRUCTURAL STEEL WORKS.
 3. PE-DG-417-611-C031-STANDARD DETAILS FOR ARCHITECTURAL WORKS.

- LEGENDS:-**
- CONCRETE HATCH
 - BRICK WALL
 - CENTER LINE
 - EF - EXHAUST FAN
 - EL - ELEVATION
 - FFL - FINISHED FLOOR LEVEL
 - EL(+X).XXX - LEVEL TAG
 - TOC - TOP OF CONCRETE
 - TOP - TOP OF PARAPET
 - UNO - UNLESS NOTED OTHERWISE
 - TYP - TYPICAL
 - RWDP - RAINWATER DOWN TAKE PIPES

BHEL-PROJECT ENGINEERING MANAGEMENT(CIVIL)	
THIS DRAWING MARKED(✓) IS RELEASED FOR	
☒ COMMENTS/APPROVAL	
☐ PLANNING/INFORMATION	
☐ CONSTRUCTION	
STAMP ALL PREVIOUS REVISION AS SUPERSEDED	
ISSUED BY	
NAME	SACHIN JAIN
SIGNATURE	-SD-
DATE	26.11.2018

CUSTOMER:	TELANGANA STATE POWER GENERATION CORPORATION LTD TELANGANA, INDIA 5 x 800 MW YADADRI TPS, NALGONDA
CONSULTANT:	TATA CONSULTING ENGINEERS LIMITED BANGALORE INDIA

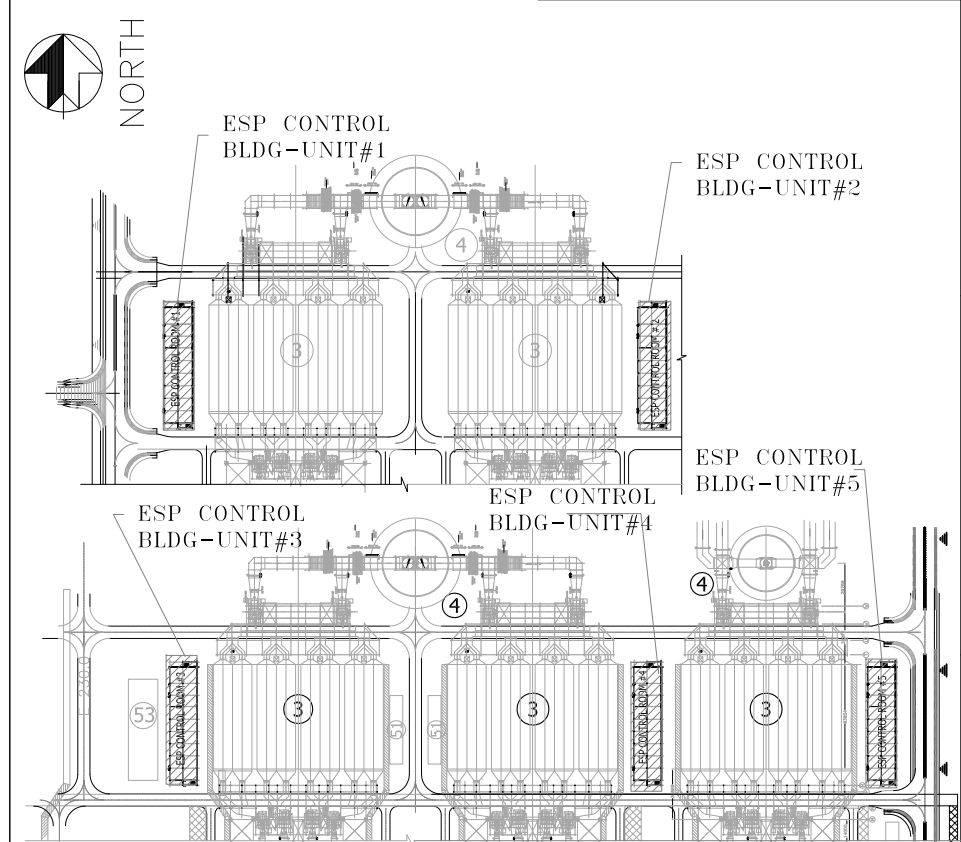
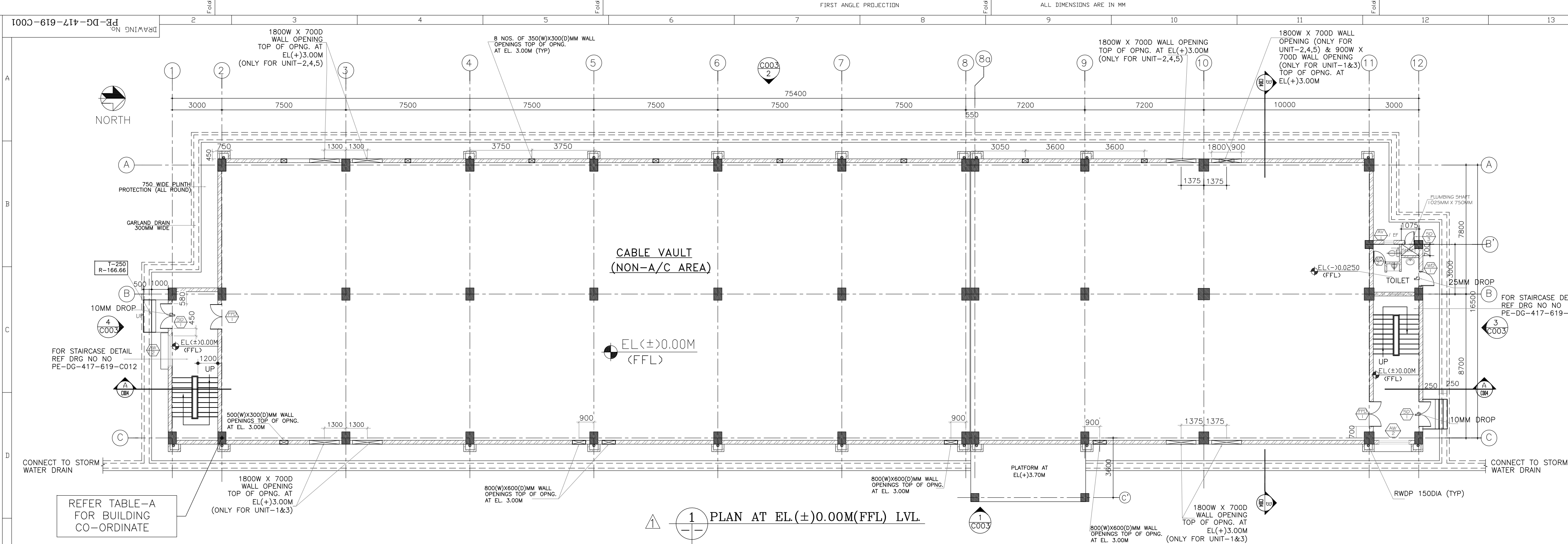
JOB NO.	417
STATUS	CONTRACT
DISTRIBUTION	

DEPT.	NAME	SIGN	DATE
CODE	SRN	SD	26.02.2018
DESN	AMT	R	26.02.2018
CHD	SA	SD	26.02.2018
APPD	TM	SD	26.02.2018

TITLE	
ESP CONTROL BUILDING (FOR UNIT 1 TO 5) ARCHITECTURAL ROOF PLAN AT EL(+8.50M (TOC))	

DEPT.	SCALE 1:100	DRAWING NO.
SIGN		PE-DG-417-619-C002

SHEET	1 OF 1	REV. 01
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KEY PLAN

NOTES :-

2. ALL ELEVATIONS ARE REFERRED TO THE FINISHED GROUND FLOOR LEVEL OF POWER HOUSE BUILDING AS EL. 0.00 M WHICH CORRESPONDS TO RL. 81.50 M. ABOVE MEAN SEA LEVEL.

REFERENCE DRAWINGS

1. PE-DG-417-100-M001- PLOT PLAN
2. PE-DG-417-100-E008- ELECTRICAL EQUIPMENT & CABLING LAYOUT IN ESP CONTROL BUILDING UNIT 1 TO 5

ARCHITECTURAL DRG.:—

1. PE-DG-417-619-C002-ESP CONTROL BUILDING-ARCHITECTURAL ROOF PLAN AT EL(+).8.50
2. PE-DG-417-619-C003-ESP CONTROL BUILDING-ARCHITECTURAL ELEVATION
3. PE-DG-417-619-C004-ESP CONTROL BUILDING-ARCHITECTURAL SECTION & FINISHING SCHEDULE

STRUCTURAL DRG.:—

- | | | | | |
|----|--------------------|---------------|--------------|--|
| 1. | PE-DG-417-619-C005 | - ESP CONTROL | ROOM-GA & RC | DETAIL OF FOUNDATION & COLUMNS UNIT 1. |
| 2. | PE-DG-417-619-C006 | - ESP CONTROL | ROOM-GA & RC | DETAIL OF PLINTH BEAM UNIT 1. |
| 3. | PE-DG-417-619-C007 | - ESP CONTROL | ROOM-GA & RC | DETAIL OF GROUND FLOOR. |
| 4. | PE-DG-417-619-C008 | - ESP CONTROL | ROOM-GA & RC | DETAIL OF FIRST FLOOR. |
| 5. | PE-DG-417-619-C009 | - ESP CONTROL | ROOM-GA & RC | DETAIL OF SECOND FLOOR. |
| 6. | PE-DG-417-619-C010 | - ESP CONTROL | ROOM-GA & RC | DETAIL OF ROOF LEVEL. |
| 7. | PE-DG-417-619-C011 | - ESP CONTROL | ROOM-GA & RC | DETAIL OF UNTEL BEAM. |

STANDARD DRG.:-

1. PE-DG-417-600-C001-GENERAL NOTES & STANDARD DETAILS FOR R.C.C WORKS.
2. PE-DG-417-600-C002-GENERAL NOTES & STANDARD DETAILS FOR STRUCTURAL STEEL WORKS.
3. PE-DG-417-611-C031-STANDARD DETAILS FOR ARCHITECTURAL WORKS.

LEGENDS:-

-  CONCRETE HATCH
 — BRICK WALL
 — CENTER LINE
 EF — EXHAUST FAN
 EL — ELEVATION
 FFL — ELEVATED FLOOR LEVEL

 EL(+)X.XXX — LEVEL TAG
 TOC — TOP OF CONCRETE
 TOP — TOP OF PARAPET
 UNO — UNLESS NOTED OTHERWISE
 TYP — TYPICAL
 RWDP — RAINWATER DOWN TAKE PIPES
 BOO — BOTTOM OF OPENING

SYMBOL	NOS.	SILL LEVEL AT EL....	MASONRY WIDTH	OPENING HEIGHT	DESCRIPTION
	1	(+)+3.700	3000	3500	ROLLING SHUTTER
	2	(+)+0.000 (+)+8.700	1500	2500	STEEL DOOR – DOUBLE SHUTTER
	1	(+)+3.700	2000	3000 (2100+900)	STEEL DOOR – DOUBLE SHUTTER WITH REMOVABLE TRANSOM.
	1	(+)+0.300	600	1800	STEEL DOOR – SINGLE SHUTTER (PLUMBING SHAFT DOOR)
	2	(+)+0.000 (+)+3.700	1500	2500	FIRE PROOF DOOR – DOUBLE SHUTTER WITH PANIC DEVICE & VISION PANEL 6MM THK TOUGHENED GLASS
	1	(+)+8.700			
	1	(+)+3.700	1000	2100	ALUMINUM GLAZED DOOR WITH 4MM THK FLOAT GLASS
	1	(±)0.000	900	2500	WOODEN PANEL DOOR IN HARDWOOD FRAME WITH PVC LAMINATION.
	1	(±)0.000			
	2	(+)+3.700	750	2500	PVC DOOR FRAME & PVC SHUTTER.
	16	(+)+4.700	3000	1500	ALUMINIUM GLAZED PARTLY OPENABLE AND PARTLY FIXED WINDOW WITH 4MM THK FLOAT GLASS
	5	(+)+9.700			
	2	(+)+1.000			
	2	(+)+4.700	1800	1500	ALUMINIUM GLAZED PARTLY OPENABLE AND PARTLY FIXED WINDOW WITH 4MM THK FLOAT GLASS
	2	(+)+9.700			
	2	(+)+4.700	3000	1500	ALUMINIUM FRAMED FIXED GLAZED WINDOW
	2	(+)+4.700	3000	1500	ALUMINIUM FRAMED FIXED GLAZED WINDOW
	1	(+)+1.600			
	1	(+)+5.300	600	600	ALUMINIUM FRAMED LOUVERED VENTILATOR
EF	1	(+)+2.615 CL			
	1	(+)+5.735 CL		330ø	EXHAUST FAN

TABLE-A (CO-ORDINATE)	
-----------------------	--

S.NO	Nos.	W	S	GRID
01	ESP CONTROL BLDG-UNIT#1	133.783	129.500	C2
02	ESP CONTROL BLDG-UNIT#2	150.283	129.500	C2
03	ESP CONTROL BLDG-UNIT#3	299.213	129.500	C2
04	ESP CONTROL BLDG-UNIT#4	581.282	129.500	C2
05	ESP CONTROL BLDG-UNIT#5	726.283	129.500	C2

BHEL-PROJECT ENGINEERING MANAGEMENT(CIVIL)

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☐ PLANNING/INFORMATION

☐ CONSTRUCTION

STAMP ALL PREVIOUS REVISION AS SUPERSEDED

ISSUED BY

NAME	SACHIN JAIN
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SIGNATURE	-SD-
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DATE	26.11.2018
------	------------

CUSTOMER:	TELANGANA STATE POWER GENERATION CORPORATION LTD
-----------	--


 TELANGANA, INDIA
 5 x 800 MW YADADRI TPS, NALGONDA

CONSULTANT:  TATA	TATA CONSULTING ENGINEERS LIMITED BANGALORE INDIA
---	--

	BHARAT HEAVY ELECTRICALS LTD POWER SECTOR PROJECT ENGINEERING MANAGEMENT NOIDA
---	---

COPY RIGHT AND CONFIDENTIAL		DEPT	NAME	SIGN	DATE	
The information on this document is the property of		C	DRN	SC	-SD-	29.05.2
BHARAT HEAVY ELECTRICALS LIMITED it must not be used directly or			DESN	AMT R	-SD-	29.05.2
indirectly in any way detrimental to the interest of the company.			CHD	SWJ	-SD-	29.05.2
			APPD	TKM	-SD-	29.05.2
TITLE		<u>ESP CONTROL BUILDING (FOR UNIT 1 TO 5)</u>				

ARCHITECTURAL PLAN AT EL(+)-0.00M (FFL) EL(+)-3.70M (FFL)

[illegible]

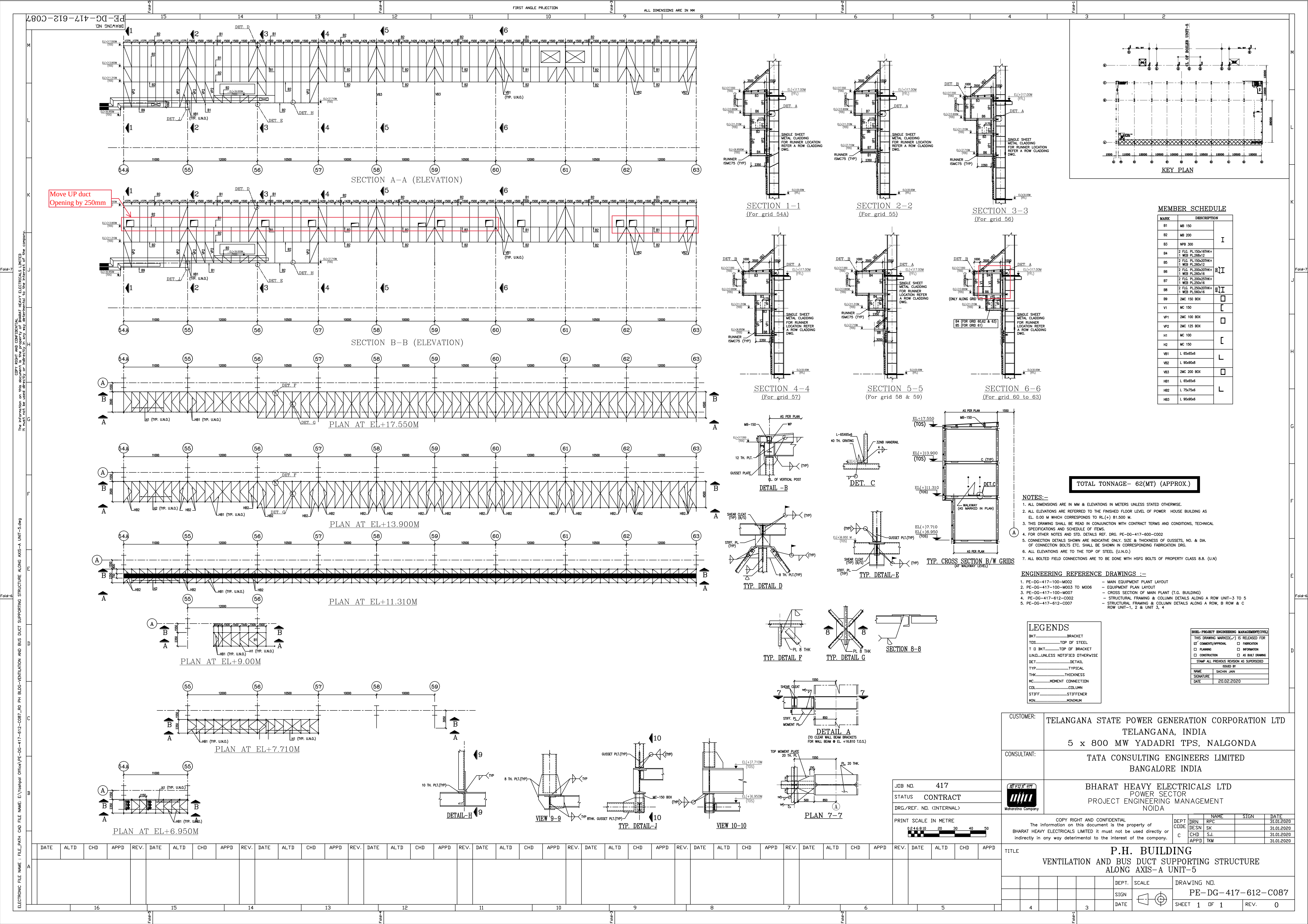
					FE-DG-417-619-C001
SIGN					
SHEET 1 OF 1					REV. 1

SIZE-

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COMPUTER FILE NAME:



MEMBER SCHEDULE

MARK	DESCRIPTION	
B1	MB 150	I
B2	MB 200	
B3	NFB 300	
B4	2 FLG. PL150x16THK+1 WEB PL260x12	8I
B5	2 FLG. PL150x20THK+1 WEB PL260x12	
B6	2 FLG. PL200x20THK+1 WEB PL250x16	
B7	2 FLG. PL200x25THK+1 WEB PL250x16	8I
B8	2 FLG. PL250x20THK+1 WEB PL260x12	
B9	2MC 150 BOX	
V1	MC 150	C
V2	2MC 100 BOX	
V3	2MC 125 BOX	C
H1	MC 100	
H2	MC 150	L
VB1	L 65x6x6	
VB2	L 90x6x6	L
VB3	2MC 200 BOX	
HB1	L 65x6x6	
HB2	L 75x7x6	L
HB3	L 90x6x6	

NOTES:-

1. ALL DIMENSIONS ARE IN MM & ELEVATIONS IN METERS UNLESS STATED OTHERWISE.
2. ALL ELEVATIONS ARE REFERRED TO THE FINISHED FLOOR LEVEL OF POWER HOUSE BUILDING AS EL. 0.00 M WHICH CORRESPONDS TO RL (+) 81.500 M.
3. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH CONTRACT TERMS AND CONDITIONS, TECHNICAL SPECIFICATIONS AND SCHEDULE OF ITEMS.
4. FOR OTHER NOTES AND STD. DETAILS REF. DRG. PE-DG-417-600-C002
5. CONNECTION DETAILS SHOWN ARE INDICATIVE ONLY. SIZE & THICKNESS OF GUSSETS, NO. & DIA. OF CONNECTION BOLTS ETC. SHALL BE SHOWN IN CORRESPONDING FABRICATION DRG.
6. ALL ELEVATIONS ARE TO THE TOP OF STEEL (UNCLD.)
7. ALL BOLTED FIELD CONNECTIONS ARE TO BE DONE WITH HSPG BOLTS OF PROPERTY CLASS 8.8. (UNCLD.)

ENGINEERING REFERENCE DRAWINGS :-

1. PE-DG-417-100-M002 - MAIN EQUIPMENT PLANT LAYOUT
2. PE-DG-417-100-M003 TO M006 - EQUIPMENT PLAN LAYOUT
3. PE-DG-417-100-M007 - CROSS SECTION OF MAIN PLANT (T.G. BUILDING)
4. PE-DG-417-612-C002 - STRUCTURAL FRAMING & COLUMN DETAILS ALONG A ROW UNIT-3 TO 5
5. PE-DG-417-612-C007 - STRUCTURAL FRAMING & COLUMN DETAILS ALONG A ROW, B ROW & C ROW UNIT-1, 2 & UNIT 3, 4

LEGENDS

BKT.....	BRACKET
TOS.....	TOP OF STEEL
T D BKT.....	TOP OF BRACKET
UNCLD.....	UNLESS NOTIFIED OTHERWISE
DET.....	DETAIL
TYP.....	TYPICAL
THK.....	THICKNESS
MC.....	MOMENT CONNECTION
COL.....	COLUMN
STFT.....	STIFFENER
MIN.....	MINIMUM

BHEL-PROJECT ENGINEERING MANAGEMENT(CTR)			
THIS DRAWING MARKED (✓) IS RELEASED FOR			
BY	COMMENTS/APPROVAL	DATE	REVISION
T D BKT	PLANING	31.01.2020	1
UNCLD	CONSTRUCTION	31.01.2020	2
STAMP ALL PREVIOUS REVISION AS SUPERSEDED			
NAME	SACHIN JAIN	DATE	20.02.2020
SIGNATURE			

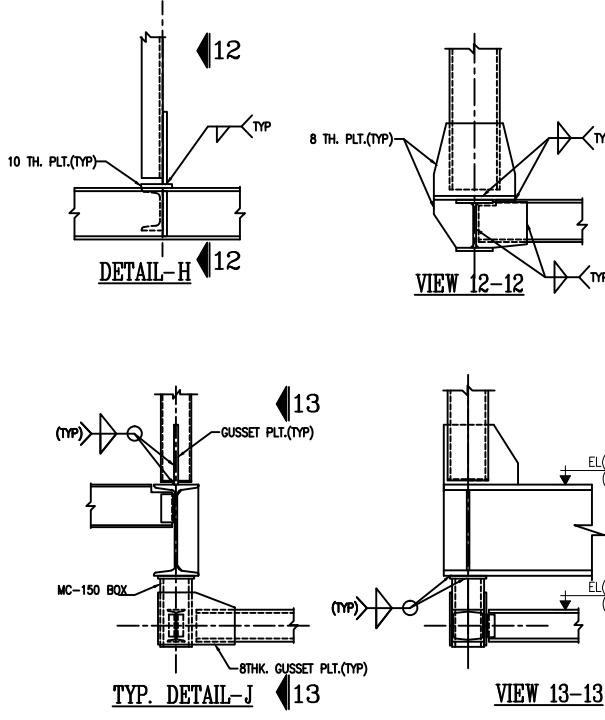
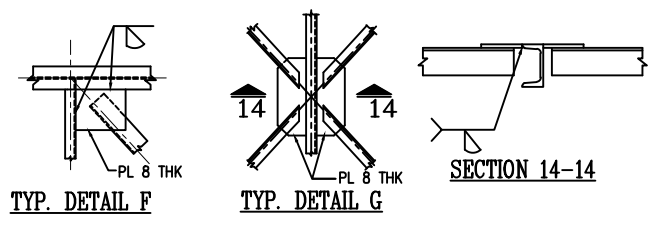
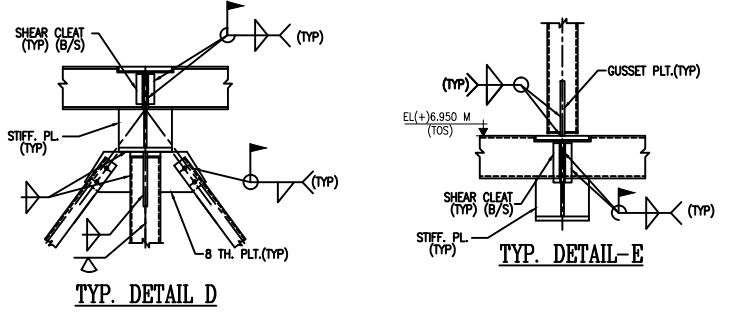
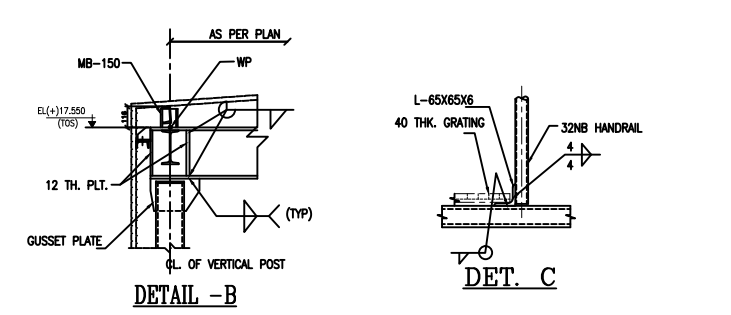
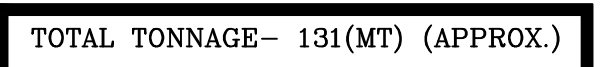
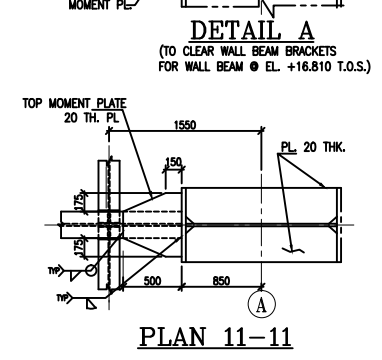
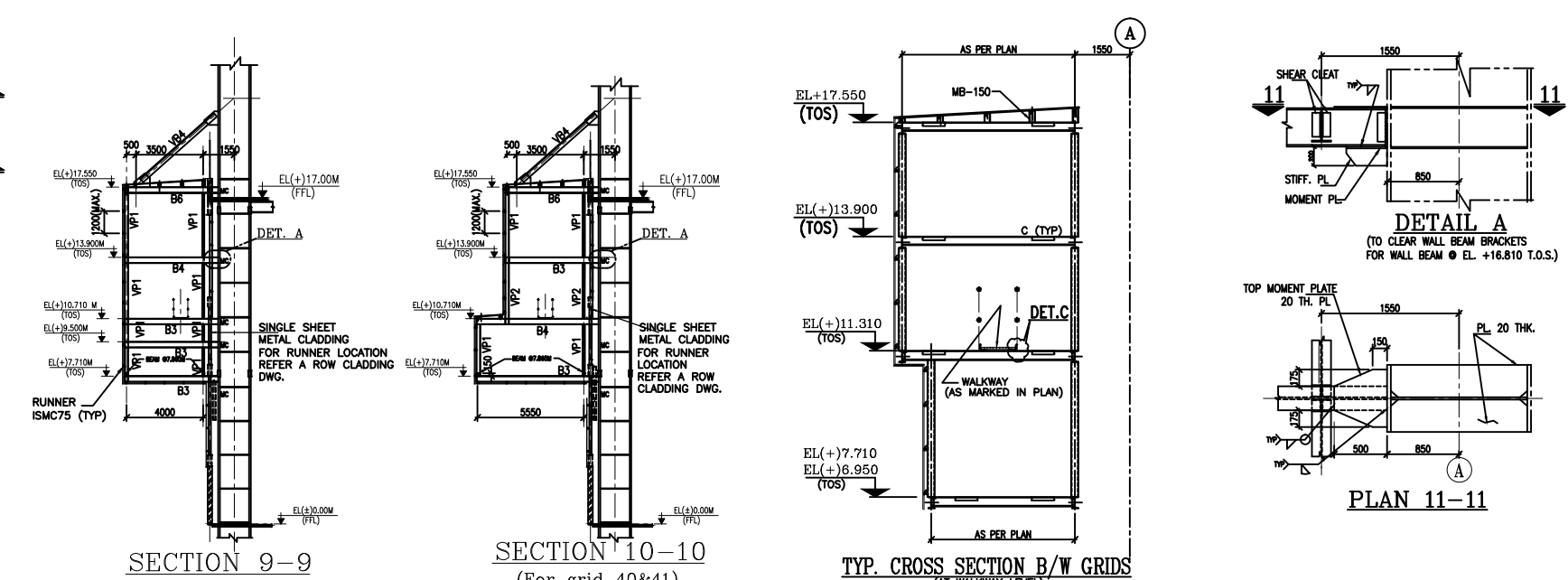
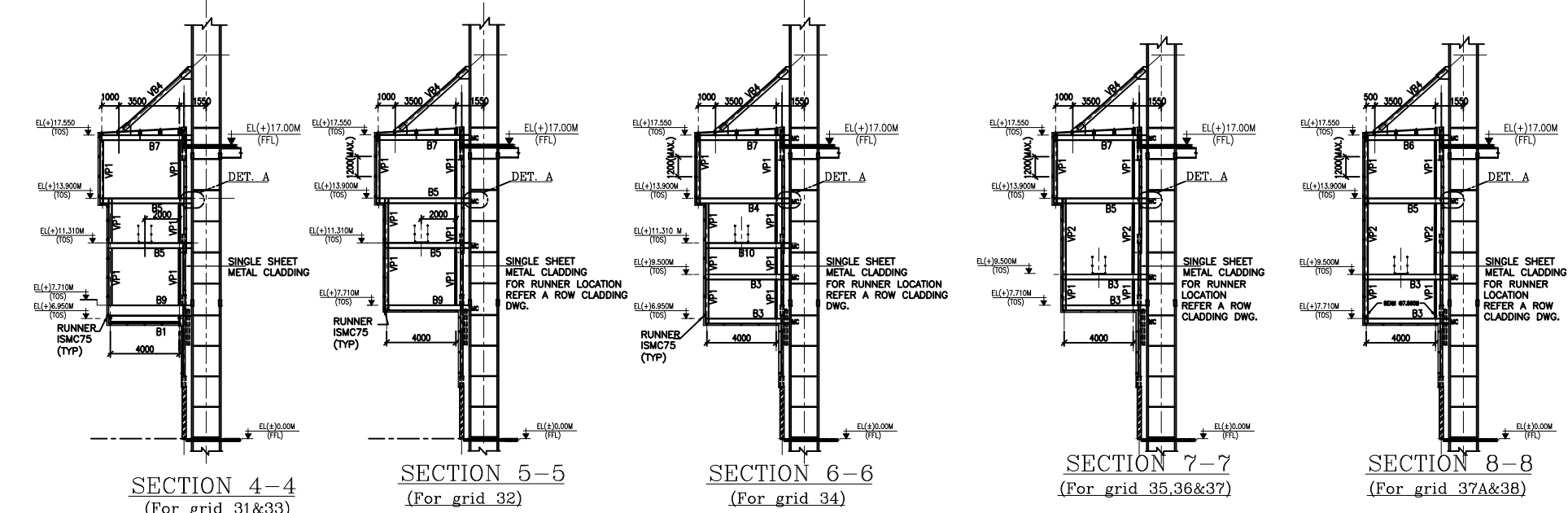
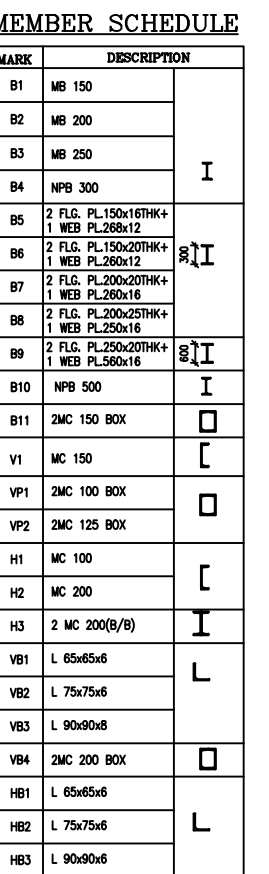
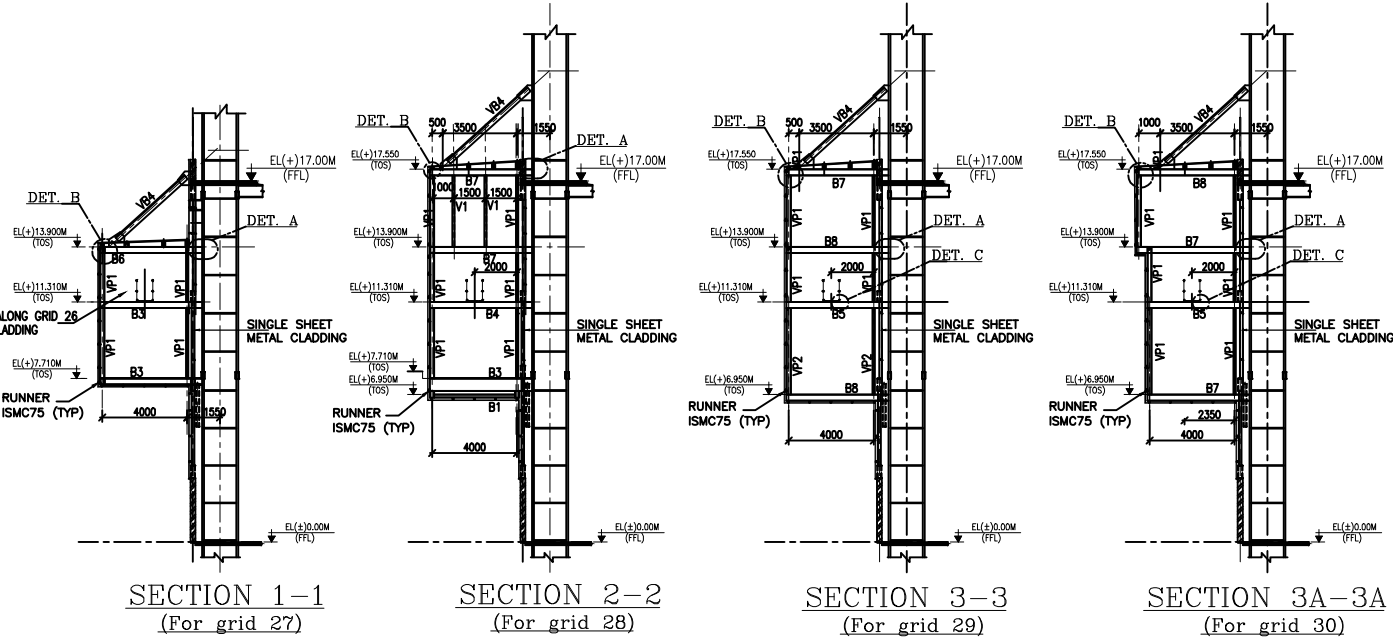
CUSTOMER:	TELANGANA STATE POWER GENERATION CORPORATION LTD TELANGANA, INDIA 5 x 800 MW YADADRI TPS, NALGONDA
CONSULTANT:	TATA CONSULTING ENGINEERS LIMITED BANGALORE INDIA
	BHARAT HEAVY ELECTRICALS LTD POWER SECTOR PROJECT ENGINEERING MANAGEMENT NOIDA

JOB NO.	417
STATUS	CONTRACT
DRG/REF. NO. (INTERNAL)	

PRINT SCALE IN METRE	0 20 40 60 80
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DEPT	NAME	SIGN	DATE
DRN	RPC		31.01.2020
DES	SK		31.01.2020
CHK	S.J.		31.01.2020
APPD	TJM		31.01.2020

P.H. BUILDING VENTILATION AND BUS DUCT SUPPORTING STRUCTURE ALONG AXIS-A UNIT-5			
DEPT.	SCALE	DRAWING NO.	
SIGN		PE-DG-417-612-C087	
DATE		SHEET	1 OF 1
		REV.	0



NOTES:-

1. ALL DIMENSIONS ARE IN MM & ELEVATIONS IN METERS UNLESS STATED OTHERWISE.
2. ALL ELEVATIONS ARE REFERRED TO THE FINISHED FLOOR LEVEL OF POWER HOUSE BUILDING AS EL. 0.00 M WHICH CORRESPONDS TO RL(+/-) 81.500 M.
3. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH CONTRACT TERMS AND CONDITIONS, TECHNICAL SPECIFICATIONS AND SCHEDULE OF ITEMS.
4. FOR ALL OTHERS, NOTES AND STD. DETAILS REF. DURG. PE-04-417-600-0002
5. CONNECTION DETAILS SHOWN ARE INDICATIVE ONLY, SIZE & THICKNESS OF GUSSETS, NO. & DIA. OF CONNECTION BOLTS ETC. SHALL BE SHOWN IN CORRESPONDING FABRICATION DRG.
6. ALL ELEVATIONS ARE TO THE TOP OF STEEL. (U.N.O.)
7. ALL BOLTED FIELD CONNECTIONS ARE TO BE DONE WITH HSG BOLTS OF PROPERTY CLASS 8.8. (U.N)

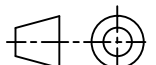
ENGINEERING REFERENCE DRAWINGS :-

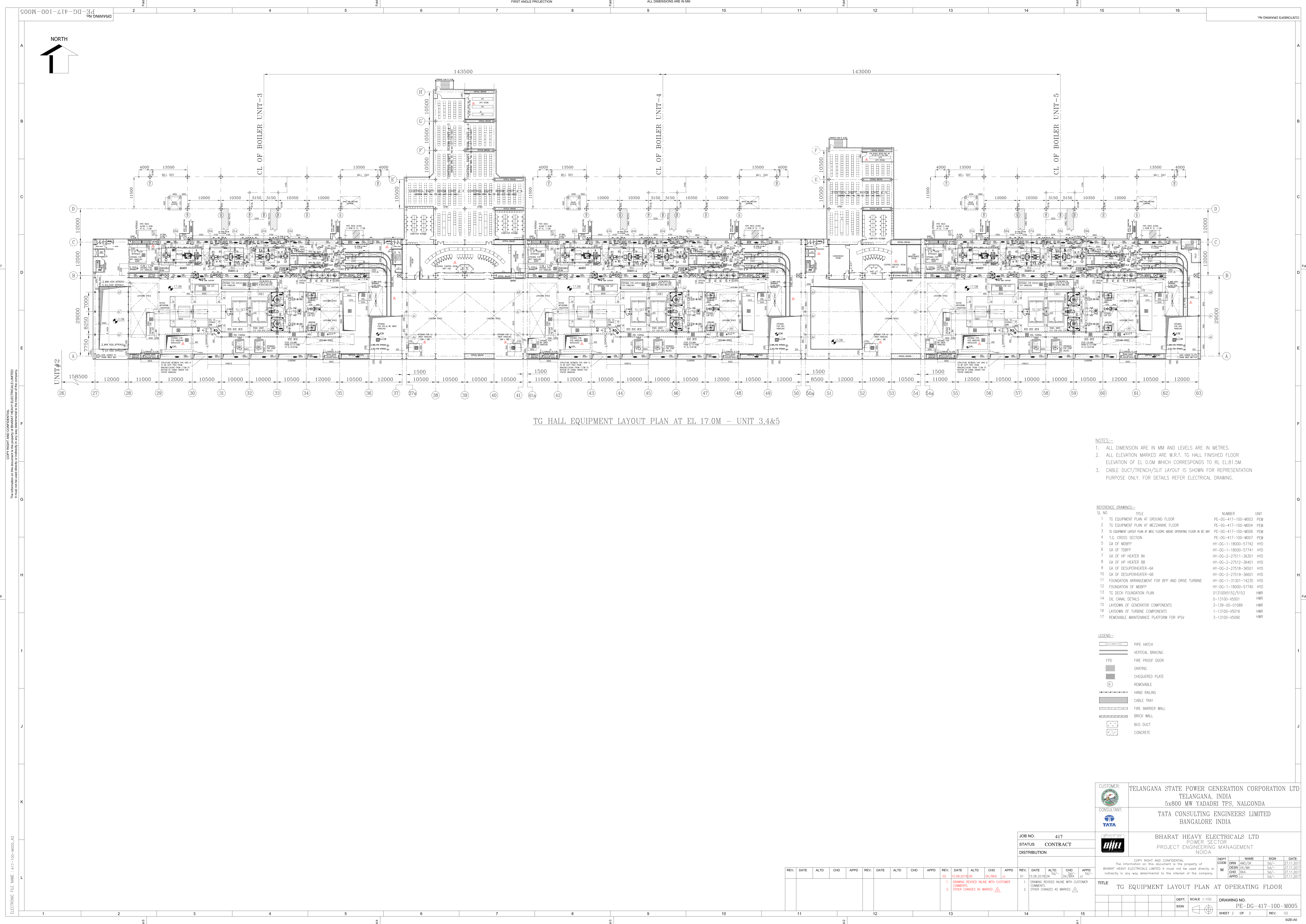
1. PE-DG-417-100-M002	- MAIN EQUIPMENT PLANT LAYOUT
2. PE-DG-417-100-M003 TO M006	- EQUIPMENT PLANT LAYOUT
3. PE-DG-417-100-M007	- CROSS SECTION OF MAIN PLANT (T.G. BUILDING)
4. PE-DG-417-612-C000	- STRUCTURAL FRAMING & COLUMN DETAILS ALONG A ROW UNIT-3 TO 5
5. PE-DG-417-612-C007	- STRUCTURAL FRAMING & COLUMN DETAILS ALONG A ROW, B ROW & C ROW UNIT-1, 2 & UNIT 3, 4

LEGENDS

BKT.....	BACKET
TOS.....	TOP OF STEEL
T O BKT.....	TOP OF BRACKET
UND.....	UNLESS NOTIFIED OTHERWISE
DET.....	DETAIL
TYP.....	TYPICAL
THK.....	THICKNESS
MC.....	MOMENT CONNECTION
COL.....	COLUMN
STIFF.....	STIFFENER
MIN.....	MINIMUM

BHEL - PROJECT ENGINEERING MANAGEMENT(CIVIL)	
THIS DRAWING MARKED(✓) IS RELEASED FOR	
☒ COMMENTS/ APPROVAL	☐ FABRICATION
☐ PLANNING	☐ INFORMATION
☐ CONSTRUCTION	☐ AS BUILT DRAWING
STAMP ALL PREVIOUS REVISION AS SUPERSEDED	
ISSUED BY	
NAME	SACHIN JAIN
SIGNATURE	
DATE	20.02.2020

CUSTOMER:		TELANGANA STATE POWER GENERATION CORPORATION LTD									
		TELANGANA, INDIA 5 x 800 MW YADADRI TPS, NALGONDA									
CONSULTANT:		TATA CONSULTING ENGINEERS LIMITED									
		BANGALORE INDIA									
		BHARAT HEAVY ELECTRICALS LTD									
		POWER SECTOR									
		PROJECT ENGINEERING MANAGEMENT									
		NOIDA									
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		DEPT CODE		NAME		SIGN		DATE			
		C		DRN DESN CHD APPD		RPC SK S.J. TKM				25.01.2020 25.01.2020 25.01.2020 25.01.2020	
TITLE P.H. BUILDING VENTILATION AND BUS DUCT SUPPORTING STRUCTURE ALONG AXIS-A UNIT-3											
						DEPT.	SCALE	DRAWING NO.			
						SIGN		PE-DG-417-612-C085			
						DATE		SHEET 1 OF 1 REV. 0			



TG HALL EQUIPMENT LAYOUT PLAN AT EL 17.0M - UNIT 3,4&5

- NOTES:-
1. ALL DIMENSION ARE IN MM AND LEVELS ARE IN METRES.
 2. ALL ELEVATION MARKED ARE W.R.T. TO HALL FINISHED FLOOR ELEVATION OF EL 0.0M WHICH CORRESPONDS TO RL EL:81.5M.
 3. CABLE DUCT/TRENCH/SLOT LAYOUT IS SHOWN FOR REPRESENTATION PURPOSE ONLY. FOR DETAILS REFER ELECTRICAL DRAWING.

REFERENCE DRAWINGS:-			
SL. NO	TITLE	NUMBER	UNIT
1	TG EQUIPMENT PLAN AT GROUND FLOOR	PE-DG-417-100-M003	PEM
2	TG EQUIPMENT PLAN AT MEZZANINE FLOOR	PE-DG-417-100-M004	PEM
3	TG EQUIPMENT LAYOUT PLAN AT MISC FLOORS ABOVE OPERATING FLOOR IN BC BAY	PE-DG-417-100-M006	PEM
4	T.G. CROSS SECTION	PE-DG-417-100-M007	PEM
5	GA OF MDOBFP	HY-DG-1-18000-57742	HYD
6	GA OF TOBFP	HY-DG-1-18000-57741	HYD
7	GA OF HP HEATER BA	HY-DG-2-27511-36301	HYD
8	GA OF HP HEATER BB	HY-DG-2-27512-36401	HYD
9	GA OF DESUPERHEATER-BA	HY-DG-2-27518-36501	HYD
10	GA OF DESUPERHEATER-BB	HY-DG-2-27519-36601	HYD
11	FOUNDATION ARRANGEMENT FOR BFP AND DRIVE TURBINE	HY-DG-1-31301-14235	HYD
12	FOUNDATION OF MDOBFP	HY-DG-1-18000-57740	HYD
13	TG DECK FOUNDATION PLAN	013100W5152/5153	HNR
14	OIL CANAL DETAILS	0-13100-V5001	HNR
15	LAYDOWN OF GENERATOR COMPONENTS	3-139-00-01089	HNR
16	LAYDOWN OF TURBINE COMPONENTS	1-13100-V5016	HNR
17	REMOVABLE MAINTENANCE PLATFORM FOR IPSV	3-13100-V5090	HNR

LEGEND:-

	PIPE HATCH
	VERTICAL BRACING
	FIRE PROOF DOOR
	GRATING
	CHECKERED PLATE
	REMOVABLE
	HAND RAILING
	CABLE TRAY
	FIRE BARRIER WALL
	BRICK WALL
	BUS DUCT
	CONCRETE

CUSTOMER:	TELANGANA STATE POWER GENERATION CORPORATION LTD TELANGANA, INDIA 5x800 MW YADADRI TPS, NALGONDA																		
CONSULTANT:	TATA CONSULTING ENGINEERS LIMITED BANGALORE INDIA																		
PROJECT:	BARHAT HEAVY ELECTRICALS LTD POWER SECTOR PROJECT ENGINEERING MANAGEMENT Noida																		
JOB NO.	417																		
STATUS	CONTRACT																		
DISTRIBUTION																			
REV.	DATE	ALTD	CHD	APPD	REV.	DATE	ALTD	CHD	APPD	REV.	DATE	ALTD	CHD	APPD	REV.	DATE	ALTD	CHD	APPD
1. DRAWING REVISED INLINE WITH CUSTOMER COMMENTS.										1. DRAWING REVISED INLINE WITH CUSTOMER COMMENTS.									
2. OTHER CHANGES AS MARKED.										2. OTHER CHANGES AS MARKED.									
TITLE										TG EQUIPMENT LAYOUT PLAN AT OPERATING FLOOR									
DEPT.										SCALE 1:100									
SIGN										DRAWING NO.									
										PE-DG-417-100-M005									
SHEET 2										OF 2									
REV.										02									