

Corrigendum 2 dated July 07, 2021 to Tender Specification BHEL PSSR SCT 1967

Corrigendum 2 dated July 07, 2021 to Tender Specification BHEL PSSR SCT 1967 for the works of Construction of RCC framed three storeyed ESP control room building of unit 1 and CD bay paving in main power house of Unit -1 with RCC drain at 5 x 800 MW Yadadri Thermal Power Project, Veerlapalem village, Dameracherla Mandal, Nalgonda District, Telangana state

1. A clarification was sought in regard to subject tender and BHEL's reply is furnished below for information.

Sl. No.	Tender Ref. clause	Existing Provision	Bidder's Query	BHEL Clarification
1.	Clause No. 1.3.11; Bid Drawings under Volume IA Part I Chapter III	BID DRAWINGS Bid drawings enclosed for information and this may get revised during execution.	Kindly provide Tender Drawing for proper understanding and competitive bidding.	Drawings are attached as part of this corrigendum for preliminary information and Tendering Purpose only. The attached drawings are indicative only & may get revised during execution.

Note:

1. All other conditions remain unchanged.
2. Bidders are requested to consider this corrigendum as part of tender specification and quote accordingly.

Encl.:

1. Indicative Drawings for preliminary information and Tendering Purpose only (06 Pages)

-Sd-
(Eashwar.T.K)
Sr.Engineer/SCT

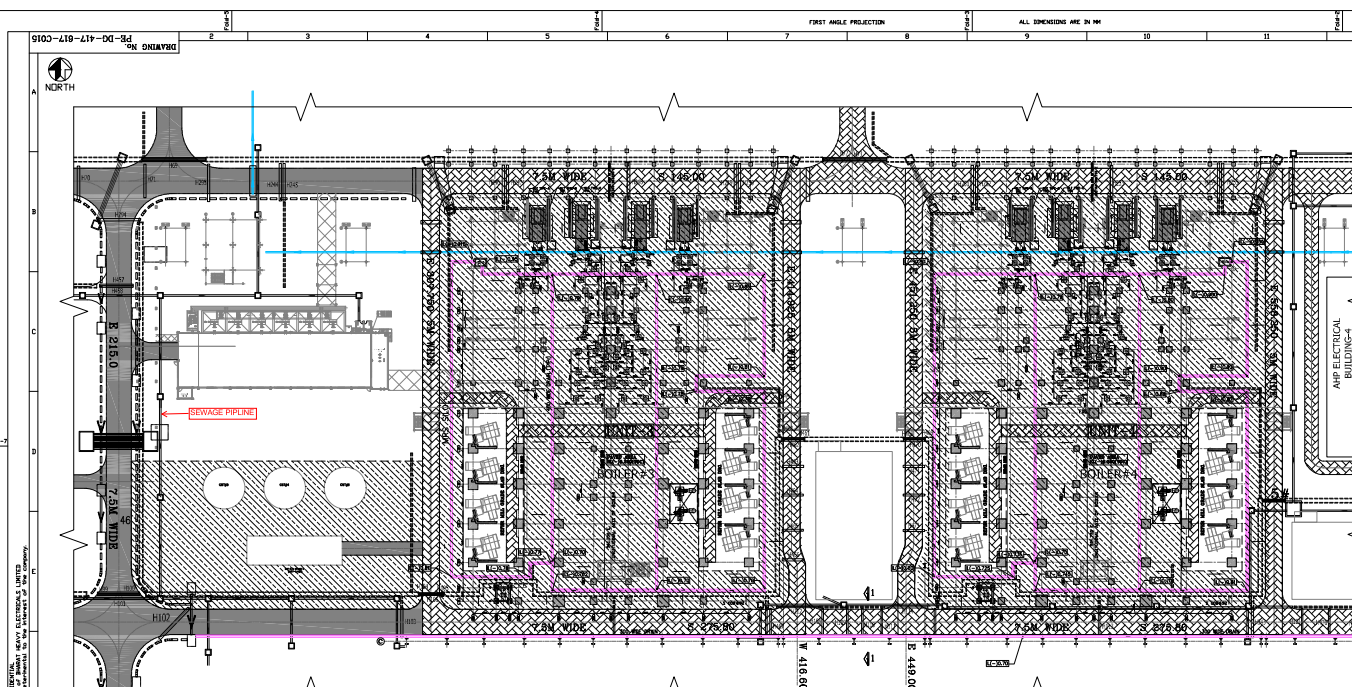


TABLE-2 (SCHEDULE OF COL. FOOTINGS)

Sl. No	Group Marked	DIMENSION ALONG	
		E-W	N-S
		IN MM	IN MM
1	FFD01	1000	1000
2	FFD02	1000	1000
3	FFD03	1000	1000
4	FFD04	1000	1000
5	FFD05	1500	1500
6	FFD06	1500	1500
7	FFD07	1000	2000
8	FFD08	2000	1000
9	FFD09	1500	1500
10	FFD10	1500	1500
11	FFD11	1500	1500
12	FFD12	1500	1500
13	FFD13	1500	1500
14	FFD14	1500	1500
15	FFD15	1500	1500
16	FFD16	1500	1500
17	FFD17	1500	1500
18	FFD18	1500	1500
19	FFD19	1500	1500
20	FFD20	1500	1500
21	FFD21	—	—
22	FFD22	—	—
23	FPA01	1350	1350
24	FPA02	1350	1350
25	FPA03	1350	1350
26	FPA04	1350	1350
27	FPA05	1350	1350
28	FPA06	1350	1350
29	AD	1500	1500

TABLE-1 FOR FIRE HYDRANT PIPES

SL. NO.	PIPE SIZE	HYDRANT PIPE SIZE (CLASS RPS)
1	80 NB	200 NB
2	100 NB	300 NB
3	150 NB	300 NB
4	200 NB	300 NB
5	250 NB	450 NB
6	300 NB	450 NB

IMPORTANT NOTES:

1. ALL UNDERGROUND RCC PIPES FOR FIRE HYDRANT, SEWER LINE, ETP, SW PIPES, PW PIPES ETC TO BE LAID BEFORE CONSTRUCTION OF CONCRETE PAVING AND SHOWN INDICATIVE IN THIS DRAWING.
2. ALL PRECASTS OF BOILER, POWER HOUSE, PIPESTACKS, ID DUCT, PA, FAN ETC SHALL BE CONSTRUCTED BEFORE CONSTRUCTION OF CONCRETE PAVING.
3. CONSTRUCTION OF ALL DRAINS, CULVERTS, ROAD-EXCLUDING-PAVED-AREA IS IN TENDROR SCOPE.
4. FOR LOCATION, DIAMETER, LENGTH & OTHER DETAILS OF NAME PIPES (TO H200) FOR FIRE FIGHTING, PLEASE REFER P203 HYDERABAD DIA TITLED "COMPOSITE LAYOUT FOR HYDRANT AND SPRAY SYSTEM" DRAWING NO PY-LP-D-M081-B661-01.

NOTES :-

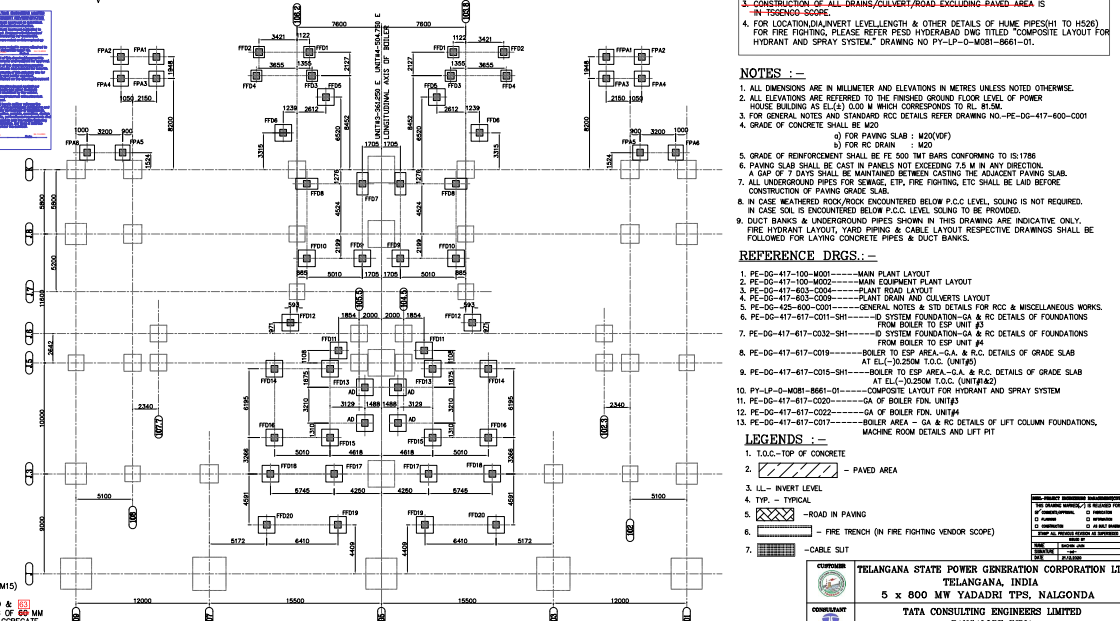
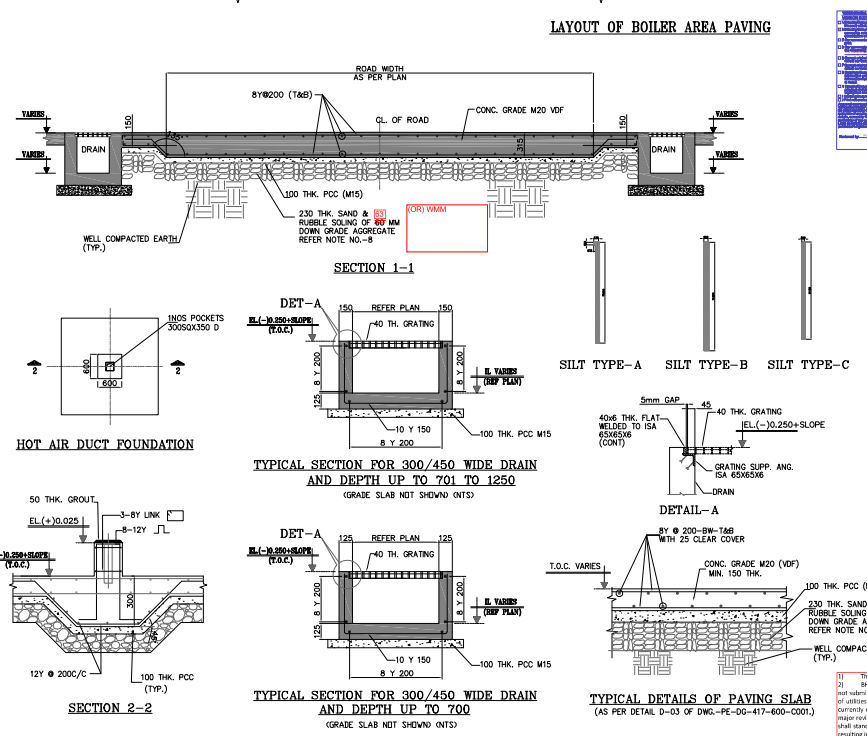
1. ALL DIMENSIONS ARE IN MILLIMETER AND ELEVATIONS IN METRES UNLESS NOTED OTHERWISE.
2. ALL ELEVATIONS ARE REFERRED TO THE FINISHED GROUND FLOOR LEVEL OF POWER HOUSE BUILDING AS EL (+) 0.00 WHICH CORRESPONDS TO RL 81.5M.
3. FOR GENERAL NOTES AND STANDARD RCC DETAILS REFER DRAWING NO-PE-DG-417-600-C001.
4. GRADE OF CONCRETE SHALL BE M20.
5. GRADE OF CONCRETE SHALL BE M20.
6. FOR PAVING SLAB : M20(V/F)
7. FOR RC DRAIN : M20
8. GRADE OF REINFORCEMENT SHALL BE FE 500 TMT BARS CONFORMING TO IS:1786.
9. PAVING SLAB SHALL BE CAST IN PANELS NOT EXCEEDING 7.5 M IN ANY DIRECTION.
10. A GAP OF 75 MM SHALL BE MAINTAINED BETWEEN CASTING THE ADJACENT PAVING SLAB.
11. FOR UNDERGROUND PIPES FOR SEWAGE, ETP, FIRE FIGHTING, ETC SHALL BE LAID BEFORE CONSTRUCTION OF PAVING GRADE SLAB.
12. IN CASE WEATHERED ROCK/ROCK ENCOUNTERED BELOW P.C.G. LEVEL, SOUND IS NOT REQUIRED.
13. IN CASE SOIL IS ENCOUNTERED BELOW P.C.G. LEVEL, SOUND TO BE PROVIDED.
14. DETAIL BANKS & UNDERGROUND PIPES SHOWN IN THIS DRAWING ARE INDICATIVE ONLY. FIRE HYDRANT LAYOUT, YARD PIPING & CABLE LAYOUT RESPECTIVE DRAWINGS SHALL BE FOLLOWED FOR LAYING CONCRETE PIPES & DUCT BANKS.

REFERENCE DRGS :-

1. PE-DG-417-100-M001-----MAIN PLANT LAYOUT
2. PE-DG-417-100-M002-----MAIN EQUIPMENT PLANT LAYOUT
3. PE-DG-417-603-C008-----PLANT DRAIN AND CULVERTS LAYOUT
4. PE-DG-417-603-C009-----PLANT ROAD LAYOUT
5. PE-DG-426-600-C001-----GENERAL NOTES & STD DETAILS FOR RCC & MISCELLANEOUS WORKS.
6. PE-DG-417-617-C011-SH1-----D SYSTEM FOUNDATION-GA & RC DETAILS OF FOUNDATIONS FROM BOILER TO ESP UNIT #3
7. PE-DG-417-617-C032-SH1-----D SYSTEM FOUNDATION-GA & RC DETAILS OF FOUNDATIONS FROM BOILER TO ESP UNIT #4
8. PE-DG-417-617-C019-----BOILER TO ESP AREA-GA & RC DETAILS OF GRADE SLAB AT EL (+) 0.250M T.O.C. (UNIT#3)
9. PE-DG-417-617-C015-SH1-----BOILER TO ESP AREA-GA & RC DETAILS OF GRADE SLAB AT EL (+) 0.250M T.O.C. (UNIT#4)
10. PY-LP-D-M081-B661-01-----COMPOSITE LAYOUT FOR HYDRANT AND SPRAY SYSTEM
11. PE-DG-417-617-C020-----GA OF BOILER FPN UNITS
12. PE-DG-417-617-C022-----GA OF BOILER FPN UNITS
13. PE-DG-417-617-C017-----BOILER AREA - GA & RC DETAILS OF LIFT COLUMN FOUNDATIONS, MACHINE ROOM DETAILS AND LIFT PIT

LEGENDS :-

1. T.O.C.-TOP OF CONCRETE
2. PAVED AREA
3. LL- INVERT LEVEL
4. TYP- TYPICAL
5. ROAD IN PAVING
6. FIRE TRENCH (IN FIRE FIGHTING VENDOR SCOPE)
7. CABLE SUT



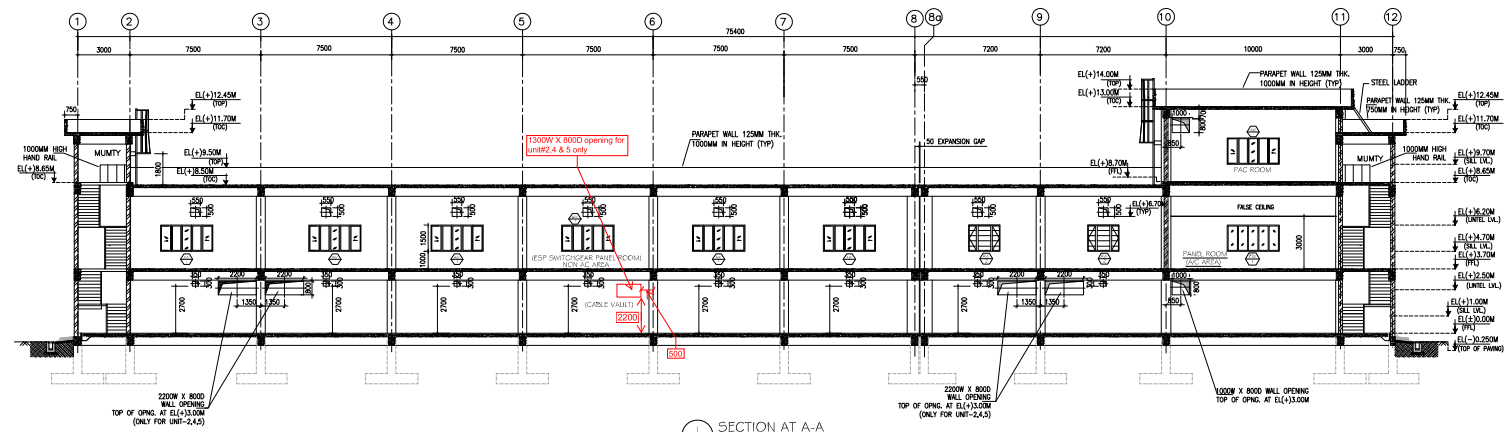
1) This drawing shall be constructed as instructed by "SEBRO" site in charge. Only.
2) BHEL may please note that all applicable head drawings are currently in the process of review yet to be submitted and not submitted with unit currently developing this drawing and with other units of BHEL. In view of this for any interference of utilities (cables, piping, ducts, equipment, etc.), Orientation & coordinate for this area shall be checked by BHEL currently developing this drawing and with other units of BHEL. If there is any interference at the site which may lead to major revision in design & design the same shall be issued and incorporated in relevant drawing at BHEL and BHEL shall stand guarantee for the final civil drawing based on input data considered. Any shortcoming/omissions from these drawings in cost and time over runs shall be borne solely by M/s. BHEL. The Owner "SEBRO" and consultant M/s. TCS would not be party to such eventualities. Any eventual changes in piping/duct works shall be taken up by M/s. BHEL without affecting the project schedule. The site will be taken up by M/s. BHEL.
3) Any changes or modifications carried out during engineering affecting drawing shall be reflected and incorporated by BHEL, without any time and cost implications. Any update that is required in this drawing shall be reflected in applicable drawings in the as built drawings.

APPROX QUANTITY OF CONCRETE : 8000 CU.M
APPROX QUANTITY OF REIN. : 80000 K.G

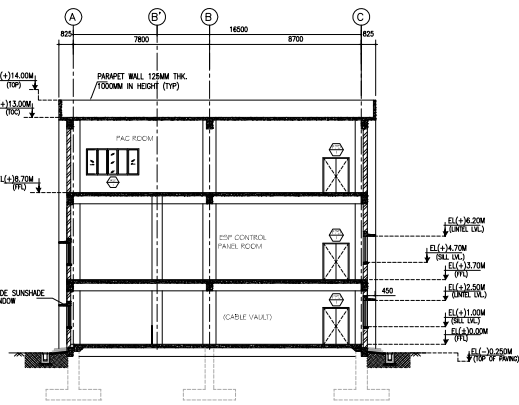
TELANGANA STATE POWER GENERATION CORPORATION LTD
TELANGANA, INDIA
5 x 800 MW YADADRI TDP, NALGONDA
TATA CONSULTING ENGINEERS LIMITED
BANGALORE, INDIA

CONTRACT NO. 417
STATUS: CONTRACT
DISTRIBUTION

BOILER AREA
G.A. & R.C. DETAILS OF GRADE SLAB AT RL (+) 0.250M T.O.C. (UNIT#3&4)
PE-DG-417-617-C015
SHEET: 3 OF 2
REV. 0



SECTION AT A-A



SECTION AT B-B

SCHEDULE OF FINISHES :-

AREA	FLOORING	DADO / SKIRTING	WALL	CEILING
MAINTENANCE AREA	50 MM THICK HEAVY DUTY CEMENT CONCRETE FLOOR WITH METALLIC HARDENER AND MATCHING SKIRTING	CEMENT CONCRETE SKIRTING 150 HIGH	SYNTHETIC ENAMEL PAINT UP TO 1.5M HEIGHTS & ACRYLIC EMULSION PAINT WITH WHITE CEMENT PUTTY FOR BALANCE HEIGHT	ACRYLIC DISTEMPER PAINT
PANEL ROOM (AC AREA)	NON-SKID VITRIFIED TILES 600X600	VITRIFIED TILE DADO UP TO 1500 HIGH/ACRYLIC EMULSION PAINT OVER WHITE CEMENT PUTTY FOR BALANCE HEIGHT	PRECOATED ALUMINIUM PANELLED LUXALON FALSE CEILING (600X600mm)	
PAC EQUIPMENT	50 THK. CC FLOORING WITH HARDENER	CEMENT CONCRETE SKIRTING	ACRYLIC DISTEMPER	ACRYLIC DISTEMPER
TOILET AREA	10mm THK. ANTI SKID VITRIFIED TILES (400mmX400mm SIZE)	5 mm THICK GLAZED CERAMIC TILES UP TO 2600mm	FOR BALANCE ACRYLIC EMULSION PAINT WITH WHITE CEMENT PUTTY	CALCIUM SILICATE FALSE CEILING
CABLE VAULT ROOM	50MM THK HEAVY DUTY CEMENT CONCRETE FLOOR	CEMENT CONCRETE SKIRTING 150 HIGH	SYNTHETIC ENAMEL PAINT UP TO 1.5M & BALANCE ACRYLIC EMULSION PAINT	ACRYLIC DISTEMPER PAINT
STAIR CASE	MARBLE STONE(TREAD & RISE)	MARBLE STONE 150 HIGH SKIRTING	ACRYLIC DISTEMPER PAINT	ACRYLIC DISTEMPER PAINT
SWITCHGEAR PANEL ROOM (NON AC AREA)	IPS FLOORING WITH METALLIC HARDENER MCC & SWITCHGEAR ROOM SHALL HAVE FIXABLE ELECTRIC INSULATED PVC SYNTHETIC SHEET FINISH OVER IPS	CEMENT CONCRETE SKIRTING 150 HIGH	SYNTHETIC ENAMEL PAINT UP TO 1.5M & BALANCE ACRYLIC EMULSION PAINT	ACRYLIC DISTEMPER PAINT
ALL OTHER AREA	50MM THK HEAVY DUTY CEMENT CONCRETE FLOOR	CEMENT CONCRETE SKIRTING 150 HIGH	SYNTHETIC ENAMEL PAINT UP TO 1.5M & BALANCE ACRYLIC EMULSION PAINT	ACRYLIC DISTEMPER PAINT

SCHEDULE OF EXTERNAL FINISHES

RWP	160MM Ø HDPE RAIN WATER PIPE.(TYP)
EXTERIOR PLASTERING	20 MM THK. WITH 1:4 CEMENT SAND MORTAR
INTERIOR PLASTERING	12MM WITH 1:4 CEMENT SAND MORTAR
CEILING FINISHING	3MM WHITE CEMENT PUTTY
EXTERIOR FINISHING	EXTERIOR PAINT AS PER APPROVED COLOR.



KEY PLAN

NOTES :-

- ALL DIMENSIONS ARE IN MM AND LEVEL ARE IN METER UNLESS OTHERWISE SPECIFIED.
- ALL ELEVATIONS ARE REFERRED TO THE FINISHED GROUND FLOOR LEVEL OF POWER HOUSE BUILDING AS EL. 0.00 WHICH CORRESPONDS TO RL. 81.80 M ABOVE MEAN SEA LEVEL.
- REF. Dwg. PE-00-417-000-0001 - GENERAL NOTES AND STANDARD DETAILS FOR R.E.C. WORKS.

REFERENCE DRAWINGS

- PE-00-417-000-0001 - ESP CONTROL BUILDING-ARCHITECTURAL PLAN AT EL(+0.00)M
- PE-00-417-000-0002 - ESP CONTROL BUILDING-ARCHITECTURAL ELEVATION

ARCHITECTURAL DRG.:-

- PE-00-417-000-0001 - ESP CONTROL BUILDING-ARCHITECTURAL PLAN AT EL(+0.00)M
- PE-00-417-000-0002 - ESP CONTROL BUILDING-ARCHITECTURAL ELEVATION

STRUCTURAL DRG.:-

- PE-00-417-000-0001 - ESP CONTROL BUILDING-STRUCTURAL PLAN AT EL(+0.00)M
- PE-00-417-000-0002 - ESP CONTROL BUILDING-STRUCTURAL ELEVATION
- PE-00-417-000-0003 - ESP CONTROL BUILDING-STRUCTURAL SECTION AT EL(+0.00)M
- PE-00-417-000-0004 - ESP CONTROL BUILDING-STRUCTURAL SECTION AT EL(+0.00)M
- PE-00-417-000-0005 - ESP CONTROL BUILDING-STRUCTURAL SECTION AT EL(+0.00)M
- PE-00-417-000-0006 - ESP CONTROL BUILDING-STRUCTURAL SECTION AT EL(+0.00)M
- PE-00-417-000-0007 - ESP CONTROL BUILDING-STRUCTURAL SECTION AT EL(+0.00)M

STANDARD DRG.:-

- PE-00-417-000-0001 - GENERAL NOTES & STANDARD DETAILS FOR R.E.C. WORKS.
- PE-00-417-000-0002 - GENERAL NOTES & STANDARD DETAILS FOR STRUCTURAL STEEL WORKS.
- PE-00-417-000-0003 - STANDARD DETAILS FOR ARCHITECTURAL WORKS.

LEGENDS:-

- CONCRETE HATCH
- BRICK WALL
- CENTER LINE
- EXHAUST FAN ELEVATION
- FINISHED FLOOR LEVEL
- LEVEL TAG
- TOP OF CONCRETE
- TOP OF PARAPET
- UNLESS NOTED OTHERWISE
- TYPICAL
- RWP - 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

SIGNATURE

DATE

09/06/2020

CUSTOMER

TELANGANA STATE POWER GENERATION CORPORATION LTD

TELANGANA, INDIA

5 x 800 MW YADADRI TPS, NALGONDA

CONSULTANT

TATA CONSULTING ENGINEERS LIMITED

BANGALORE INDIA

BHEARAT HEAVY ELECTRICALS LTD

POWER SECTOR

PROJECT ENGINEERING MANAGEMENT

NOTICE

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TITLE

ESP CONTROL BUILDING (FOR UNIT 1 TO 5)

ARCHITECTURAL SECTIONS & FINISHING SCHEDULE

DRAWING NO.

P002-619-01-00-00

MEMO

- New revision marks are not marked in dwg & old revision marks not removed from dwg. Please update while releasing REC.
- BHEL may please note that all applicable input drawings are currently in the process of review/ yet to be submitted /not submitted with unit currently developing this drawing and with other units of BHEL. In view of all this for any interference of utilities (cables, piping, ducts, equipment placing, etc.). Orientation & coordinate for this area shall be checked by BHEL currently developing this drawing and with other units of BHEL. If there is any interference at later date which may lead to major revision in drawings & design, the same shall be ensured and incorporated in relevant drawings at BHEL's end. M/s BHEL shall stand guarantee for the final civil drawings based on input data considered. Any short comings/deviations from these resulting in cost and time over runs shall be borne solely by M/s BHEL. The Owner TSGE and consultant M/s TCE would not be party to such eventuality. Any eventual changes in sizing/civil works shall be taken up by M/s BHEL without affecting the project schedule. The risk will be solely on M/s BHEL.
- Any changes or modifications carried out during engineering affecting drawing shall be reflected and incorporated by BHEL without any time and cost implications. Any update that is required in this drawing shall be reflected in applicable drawings in the as built drawings.

JOB NO.

417

STATUS

CONTRACT

DATE

09/06/2020

REVISION

NO

DATE

09/06/2020

REVISION

NO

DATE

09/06/2020

REVISION

NO

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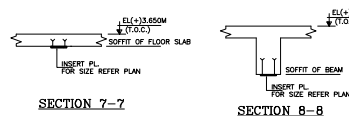
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REVISION

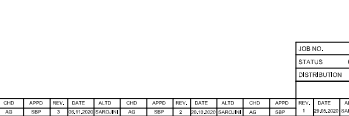
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DATE

09/06/2020



SECTION 8-8



52	3	2012	SALE
52	3	2012	SALE

NOTES

1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE SPECIFIED.

2. ALL ELEVATIONS ARE REFERRED TO THE FINISHED GROUND FLOOR LEVEL OF POWER HOUSE BUILDING AS (L1/20.00) WHICH CORRESPONDS TO (R1/18.50) ABOVE MEAN SEA LEVEL.

3. ALL STRUCTURAL CONCRETE SHALL BE DESIGN MIX CODE OF GRADE M-25 UDL.

4. ALL REINFORCEMENT SHALL BE TMT BARS OF GRADE Fe500 WITH MINIMUM ELONGATION OF 14.0% AND CORROSION RESISTANCE 150-180%.

5. CLEAR COVER TO EXPOSED AND COVERED (INCLUDING TIE) SHALL BE AS FOLLOWS:

	TOP	BOTTOM	SIDE
BEAM	35	25	35
SLAB	20	20	20

6. DEVELOPMENT LENGTH SHOULD BE PLACED IN STAGGERED FASHION OF MINIMUM LENGTH 50 TIMES DIA OF BARS.

7. ALL REINFORCING BENDS AND LAPS OF REINFORCEMENT BARS SHALL CONFORM TO IS: 2502 (LATEST REVISION) UNLESS OTHERWISE NOTED.

8. LAPPING OF BARS SHALL BE SUITABLY STAGGERED AND IN NO CASE MORE THAN SIX BARS TO BE LAPPED AT ONE SECTION.

1. PE-DG-417-600-C001	GENERAL NOTES & STANDARD DETAILS FOR R.C.C. WORK
2. PE-DG-417-619-C001 TO C004	ARCHITECTURAL DETAIL OF ESP CONTROL BUILDING
3. PE-DG-417-100-E008	ELECTRICAL EQUIPMENT & CABLING LAYOUT IN ESP CONTROL ROOM BUILDING UNIT 1,2,3,4 & 5

EQ - EQUAL
T.O.C - TOP OF CONCRETE
B.O.C - BOTTOM OF CONCRETE
STR. - STIRRUPS
REF. - REFER
CL. - CENTRAL LINE
TYP.U.N.O. - TYPICAL UNLESS NOTED OTHERWISE
8 Y @ 150 - SPACING OF BAR

1. PE-DG-417-600-C001	GENERAL NOTES & STANDARD DETAILS FOR R.C.C. WORK
2. PE-DG-417-619-C001 TO C004	ARCHITECTURAL DETAIL OF ESP CONTROL BUILDING
3. PE-DG-417-100-E008	ELECTRICAL EQUIPMENT & CABLING LAYOUT IN ESP CONTROL ROOM BUILDING UNIT 1,2,3,4 & 5

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

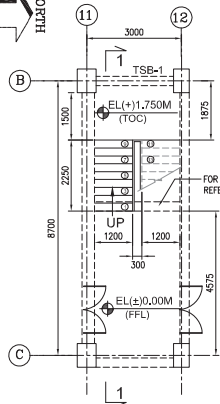
TATA	
	BHARAT HEAVY ELECTRICALS LTD POWER SECTOR PROJECT ENGINEERING MANAGEMENT

		PROJECT ENGINEERING MANAGEMENT Noida			
COPY RIGHT AND CONFIDENTIAL The Information on this document is the property of BHAWAT HEAVY ELECTRICALS LIMITED it must not be used directly or indirectly in any way detrimental to the interest of the company.		DEPT CODE C	NAME ESP CONTROL BLDG	DESIG -S-2-	DATE 15-05-2017
			NO 57	-S-2-	15-05-2017
			APPRO -S-2-	-S-2-	15-05-2017
TITLE		ESP CONTROL BUILDING (UNIT-1 TO 5)			

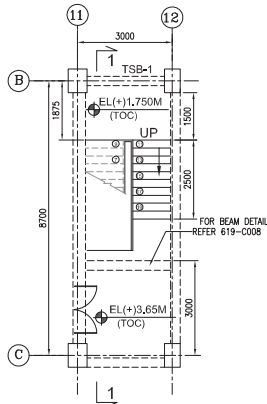
GA & RC DETAILS OF FLOOR BEAMS AT EL. (+)3.70M. (FPL)			
		DEPT.	SCALE
		SEEN	
			DRAWING NO. PE-DG-417-619-C008

							SHEET	02 OF 02	REV. 4
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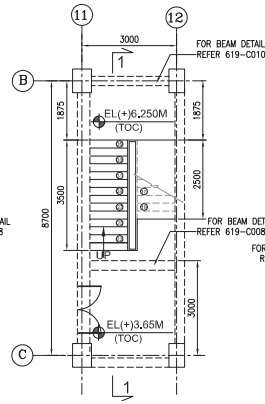
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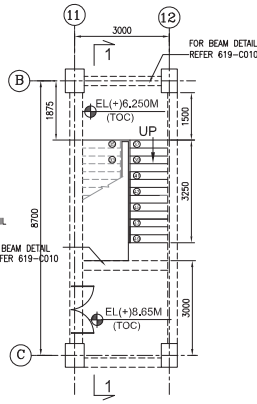
SC-2 PLAN AT EL. (±)0.00M



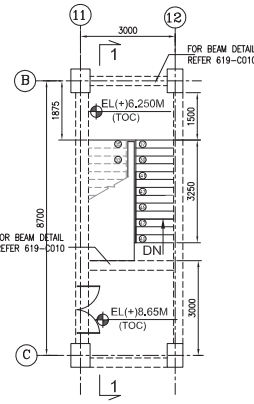
SC-2 PLAN AT EL. (+)1.75M



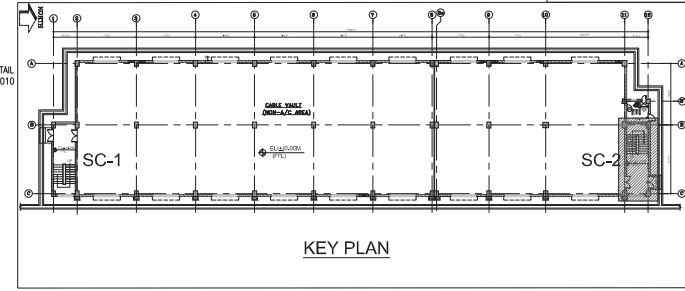
SC-2 PLAN AT EL. (+)3.65M



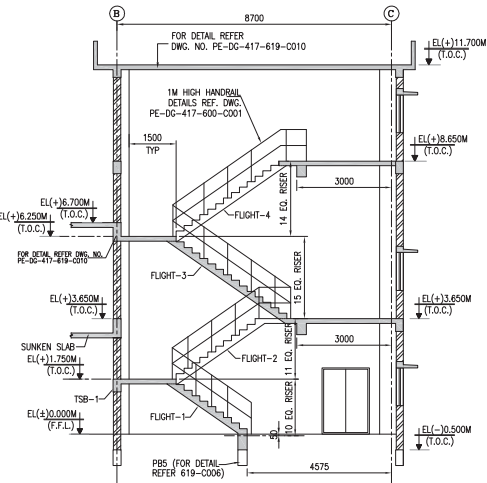
SC-2 PLAN AT EL. (+)6.25M



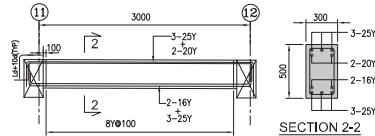
SC-2 PLAN AT EL. (+)8.85M



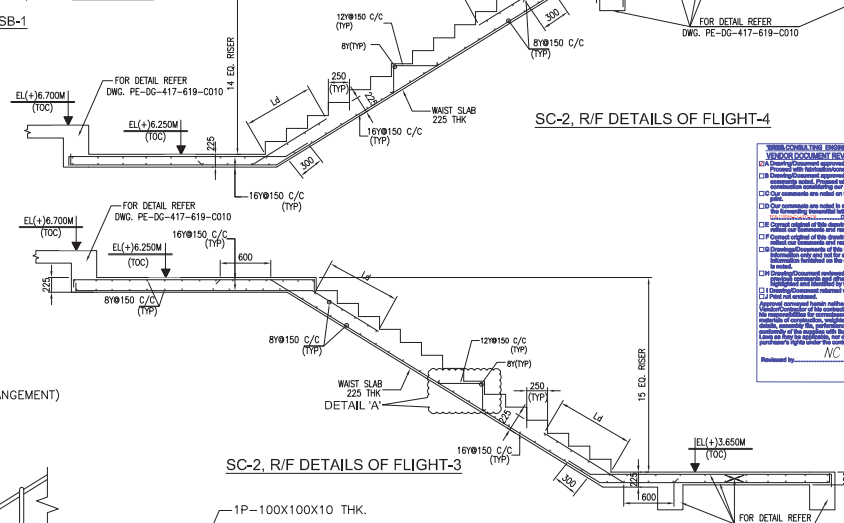
KEY PLAN



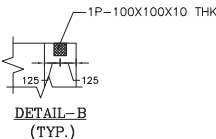
SECTION 1-1



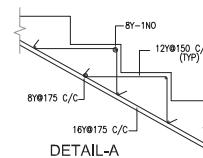
R/F DETAIL OF BEAM TSB-1



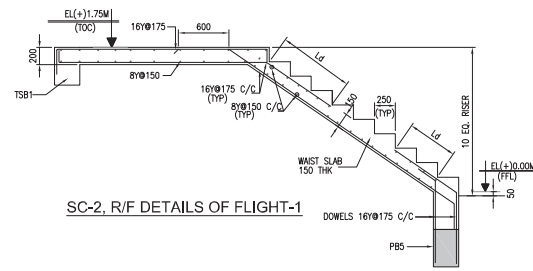
SC-2, R/F DETAILS OF FLIGHT-3



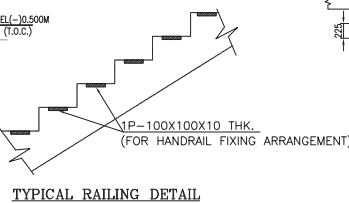
DETAIL-B (TYP.)



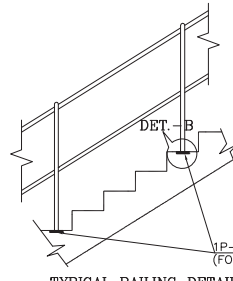
DETAIL-A



SC-2, R/F DETAILS OF FLIGHT-1



TYPICAL RAILING DETAIL



TYPICAL RAILING DETAIL

NOTES

1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE SPECIFIED.
2. ALL ELEVATIONS ARE REFERRED TO THE FINISHED GROUND FLOOR LEVEL OF POWER HOUSE BUILDING AS EL(±0.00M) WHICH CORRESPONDS TO RL(+181.50M) ABOVE MEAN SEA LEVEL.
3. ALL STRUCTURAL CONCRETE SHALL BE DESIGN MIX CONC. OF GRADE M-25 U.N.D.
4. ALL REINFORCEMENT SHALL BE TMT BARS OF GRADE F450 WITH MINIMUM ELONGATION OF 14.5% AND CONFORMING TO IS:1786-1985.
5. CLEAR COVER TO OUTMOST REINFORCEMENT (INCLUDING TIES) SHALL BE AS FOLLOWS:

	TOP	BOTTOM	SIDE
BEAM	35	35	35
SLAB	20	20	20
6. DEVELOPMENT LENGTH SHOULD BE PLACED IN STAGGERED FASHION OF MINIMUM LENGTH 50 TIMES DIA OF BAR.
7. ALL HOOKS, BENDS AND LAPS OF REINFORCEMENT BARS SHALL CONFORM TO IS: 2502 (LATEST REVISION) UNLESS OTHERWISE NOTED.
8. LAPPING OF BARS SHALL BE SUITABLY STAGGERED AND IN NO CASE MORE THAN 50% BARS SHALL BE LAPPED AT ANY SECTION.
9. COLUMNS ARE SHOWN INDICATIVE ONLY. FOR EXACT DETAILS REFER RESPECTIVE COLUMNS & FOUNDATION DRAWINGS.

REFERENCE DRGS.

1. PE-DG-417-600-0001 GENERAL NOTES AND STANDARD DETAILS FOR R.C.C. WORKS
2. PE-DG-417-619-0001 TO 0004 ARCHITECTURAL DETAIL OF ESP CONTROL BUILDING
3. PE-DG-417-100-E008 ELECTRICAL EQUIPMENT & CABLING LAYOUT IN ESP CONTROL ROOM BUILDING UNIT 1,2,3,4 & 5
4. PE-DG-417-619-0008 ESP CONT ROOM- GA & RC DTLS OF FIRST FLOOR
5. PE-DG-417-619-0010 ESP CONT ROOM- ESP CONT ROOM- GA & RC DTLS OF ROOF LEVEL

LEGEND

- TYP - TYPICAL
EQ - EQUAL
T.O.C - TOP OF CONCRETE
B.O.C - BOTTOM OF CONCRETE
STR - STAIRS
REF - REFER
8 Y 150 - SPACING OF BAR
DA OF BAR - DIA OF BAR

TOTAL QUANTITY OF CONCRETE PER UNIT : 10 Cum. (APPROX)
TOTAL QUANTITY OF REINFORCEMENT PER UNIT : 1.0 MT (APPROX)

JOB NO. 417
STATUS CONTRACT
DESIGNER/REV

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

REVISIONS

REV.	DATE	BY	CHKD	APPROV
1				

TITLE
ESP CONTROL BUILDING UNIT 1 TO 5
GA & RC DETAILS OF STAIRCASE SC-2

DRAWING NO. PE-DG-417-619-0003
SHEET 1 OF 1