



भारत हेवी इलेक्ट्रिकल्स लिमिटेड
(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED
(A Govt. of India Undertaking)

TCN - 16

Ref: PSER:SCT:SDG-C2063:TCN-16

Date: 25-09-2020

Sub	Tender Change Notice (TCN) - 16	
Job	Civil, Structural & Architectural works for coal handling plant & ash handling plant except piling of 1 x 660 MW Unit-V, Sagardighi TPP extension.	
Ref	1.0	Tender no: PSER:SCT:SDG-C2063:20
	2.0	BHEL's NIT, vide reference no: PSER:SCT:SDG-C2063:8064, Date: 22-07-2020.
	3.0	BHEL's TCN- 01, vide ref. no. PSER:SCT:SDG-C2063:TCN-01, Date: 06-08-2020.
	4.0	BHEL's TCN- 02, vide ref. no. PSER:SCT:SDG-C2063:TCN-02, Date: 10-08-2020.
	5.0	BHEL's TCN- 03, vide ref. no. PSER:SCT:SDG-C2063:TCN-03, Date: 12-08-2020.
	6.0	BHEL's TCN- 04, vide ref. no. PSER:SCT:SDG-C2063:TCN-04, Date: 17-08-2020.
	7.0	BHEL's TCN- 05, vide ref. no. PSER:SCT:SDG-C2063:TCN-05, Date: 21-08-2020.
	8.0	BHEL's TCN- 06, vide ref. no. PSER:SCT:SDG-C2063:TCN-06, Date: 22-08-2020.
	9.0	BHEL's TCN- 07, vide ref. no. PSER:SCT:SDG-C2063:TCN-07, Date: 26-08-2020.
	10.0	BHEL's TCN- 08, vide ref. no. PSER:SCT:SDG-C2063:TCN-08, Date: 01-09-2020.
	11.0	BHEL's TCN- 09, vide ref. no. PSER:SCT:SDG-C2063:TCN-09, Date: 05-09-2020.
	12.0	BHEL's TCN- 10, vide ref. no. PSER:SCT:SDG-C2063:TCN-10, Date: 10-09-2020.
	13.0	BHEL's TCN- 11, vide ref. no. PSER:SCT:SDG-C2063:TCN-11, Date: 17-09-2020.
	14.0	BHEL's TCN- 12, vide ref. no. PSER:SCT:SDG-C2063:TCN-12, Date: 18-09-2020.
	15.0	BHEL's TCN- 13, vide ref. no. PSER:SCT:SDG-C2063:TCN-13, Date: 21-09-2020.
	16.0	BHEL's TCN- 14, vide ref. no. PSER:SCT:SDG-C2063:TCN-14, Date: 22-09-2020.
	17.0	BHEL's TCN- 15, vide ref. no. PSER:SCT:SDG-C2063:TCN-15, Date: 24-09-2020.
	18.0	All other pertinent issues till date.

With reference to above, following points/documents, relevant to tender, may please be noted and complied with while submitting the offer

- Clarifications to bidder's query is attached vide Annexure-A to this TCN-16.
- Introduction of Drawings- Conveyor Profile for all conveyors (IS-DG-445-101-A004, REV R0) to VOL-IF, are attached for tender purpose only.
- Revised 'No deviation certificate' is attached. Bidder to submit 'No deviation certificate' as per attached format only.
- All other terms & conditions shall remain unchanged.

Thanking you,

Yours faithfully,
for BHARAT HEAVY ELECTRICALS LTD

Dy.Mgr (SCT)

Encl: As Above.

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

POWER SECTOR EASTERN REGION, DJ-9/1, SECTOR-II, SALT LAKE CITY, KOLKATA - 700 091

फैक्स/Fax : (033) 23211960 फोन/Phone : बोर्ड/EPABX : (033) 2339-8000/ 2339 8231

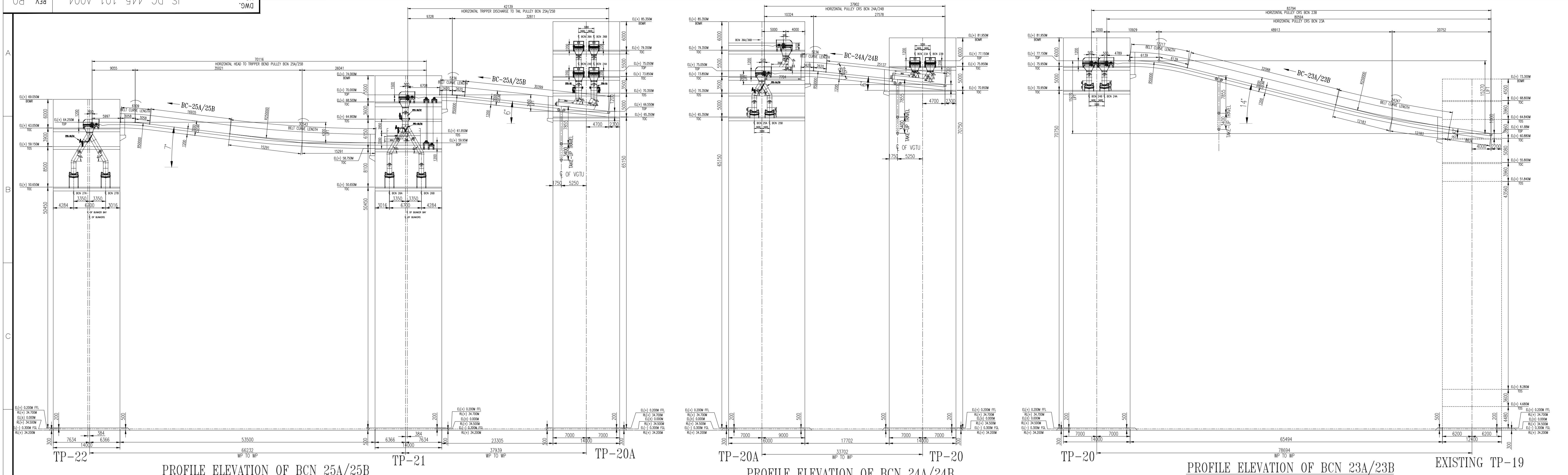
Civil, Structural & Architectural works for coal handling plant & ash handling plant except piling of 1 x 660 MW Unit-V, Sagardighi TPP extension.

TENDER NO - PSER:SCT:SDG-C2063:20 ANNEXURE-A (TCN-16)

CLARIFICATION OF BIDDER'S QUERY

SL. NO.	Ref. Tender Clause No.	Existing Provision	Bidders Queries	BHEL Reply
1	ST NO. 217A OF PRICE SCHEDULE	Extra over and above St No 216 for cutting of reinforcement, all sizes and types including labour, equipment, return of cut reinforcement to store etc all complete as per specification, drawings and instructions of engineer in charge. Measurement shall be on the cross sectional area of reinforcement cut.	St No 216 is not in the Volume - III, Price Schedule, Rev-00, Sch-3 Service.	Bidders are requested to Refer VOL-III-Price Schedule - REV-02 issued alongwith TCN- 15
2	ST NO. 906 OF PRICE SCHEDULE	Providing and fixing anodized extruded aluminium doors (single or double shutter) conforming to IS:1948, IS:1949 fabricated from extruded sections of HINDALCO/JINDAL or equivalent make having minimum 3mm wall thickness as per IS:1285, IS:733 Glazing shall be clear float glass of 6mm thickness including snap fit type beading, concealed screws, fixtures, Godrej or equivalent make Mortice lock with handle on both sides, etc. all complete. Aluminium section shall be smooth, free of stains, straight, mitred & jointed mechanically wherever required. (Glazing shall be paid separately)	No separate item of clear float glass of 6mm thickness is available in the price schedule.	Bidders are requested to Refer VOL-III-Price Schedule - REV-02 issued alongwith TCN- 15
3	ST NO. 1204 OF PRICE SCHEDULE	Providing 6mm thick plaster on ceiling in cement mortar 1:4 finished to a smooth all complete.	Is there any word after smooth.	Bidders are requested to Refer VOL-III-Price Schedule - REV-02 issued alongwith TCN- 15
4	ST NO. 1204 OF PRICE SCHEDULE	Providing and laying 50 mm thick heavy duty cement concrete in flooring with metallic hardener pigmented topping 12mm thick uniform graded treated iron particles in flooring. Under layer of 38mm thick cement concrete mix 1:2:4 aluminium strips etc. all complete for following (Quoted item rate shall be inclusive of providing glass joint strips):	Aluminium strips or glass strips, which will be used, please inform.	Bidders are requested to Refer VOL-III-Price Schedule - REV-02 issued alongwith TCN- 15
5	ST NO. 2114 OF PRICE SCHEDULE	Providing & fixing in position P.V.C. water tank of Syntex or approved equivalent including making all necessary inlet & outlet pipes, fixture, ball cocks, valves etc all complete for following capacities. GI pipes shall be paid separately under ST No. 2105.	ST No. 2105 is not available in the price schedule.	Bidders are requested to Refer VOL-III-Price Schedule - REV-02 issued alongwith TCN- 15
6	Break-up of Payment for Structural Steel Fabrication and Erection Items	Not found provision in tender document.	We would request for payment break-up of structural steel work as follows – a) 70% on Fabrication, b) 20% on Erection and c) 10% on alignment and final welding.	Bidders are requested to Refer VOL-III-Price Schedule - REV-02 issued alongwith TCN- 15
7	Taxes & Duties (Cl 43 of TCC, Pg 31-32 of 41)	All taxes excluding GST but including BOCW and other statutory Charges, Royalties, any State or Central Levy and other taxes for materials if any obtained for the work and for execution of the contract shall be borne by successful bidder and shall not be payable extra by BHEL. Any increase of above at any stage during execution of contract, including extension of the contract, shall have to be borne by successful bidder contractor. Bidder's quoted/ accepted rates/ price shall be inclusive of all such requirements. Benefits and / or abolition of existing taxes must be passed on to BHEL against new taxes, if any, proposed to be introduced at a later date.	We would request you to compensate for any variation in existing taxes and / or for introduction of any new taxes during execution of contract.	Bidders are requested to Refer Volume-IF-TCC-CML-Rev-01 issued alongwith TCN-15

Civil, Structural & Architectural works for coal handling plant & ash handling plant except piling of 1 x 660 MW Unit-V, Sagardighi TPP extension.				
TENDER NO - PSER:SCT:SDG-C2063:20 ANNEXURE-A (TCN-16)				
CLARIFICATION OF BIDDER'S QUERY				
SL. NO.	Ref. Tender Clause No.	Existing Provision	Bidders Queries	BHEL Reply
8	General		<p>Request to share following documents</p> <p>1. Drawings of following structures (Only plant layout drawing shared) :</p> <p>2. Coal handling conveyors / Transfer towers / Process building</p> <p>3. Ash handling and disposal conveyor / Transfer towers / Process building</p> <p>4. Wagon tippler</p> <p>5. MCC building</p> <p>6 Tunnel</p> <p>7. Crusher house</p>	<p>Drawings are attached alongwith this TCN-16 for general guidance about the system. RFC drgs shall be provided time to time progressively after finalization of Engineering during execution of contract.</p>
9	General		<p>Please clarify scope matrix for cranes and other P&M. As discussed, tender document mentions of both conditions:</p> <p>i. All P&M in scope of bidder (List of P&M provided with milestone dates of mobilization in tender document)</p> <p>ii. P&M deployed by BHEL (operator and maintenance charges in bidder's scope)</p>	<p>Bidders are requested to Refer Volume-IF-TCC-CML-Rev-01 issued alongwith TCN-15</p>
10	General		<p>Please confirm stage payment for fabrication and erection. Please note same is not mentioned neither in tender document nor in Pre-bid queries</p>	<p>Bidders are requested to Refer VOL-III-Price Schedule - REV-02 issued alongwith TCN- 15</p>



PROFILE ELEVATION OF BCN 25A/25B

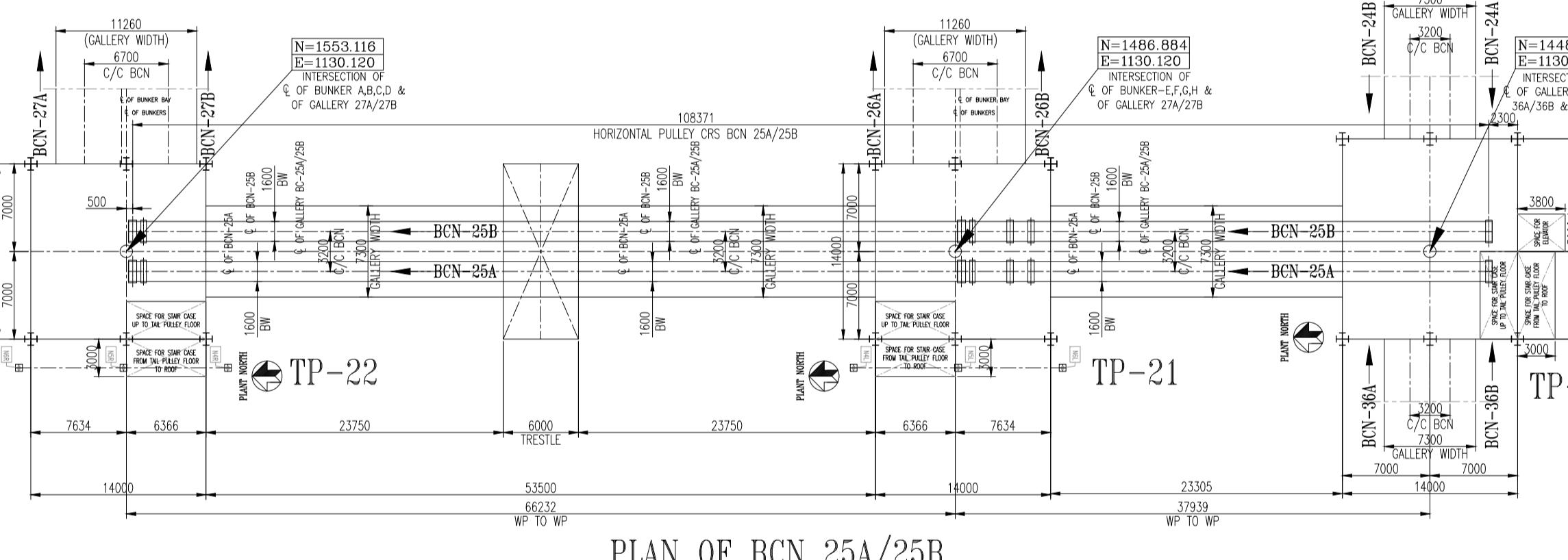
WP 10 WP

IP - 20

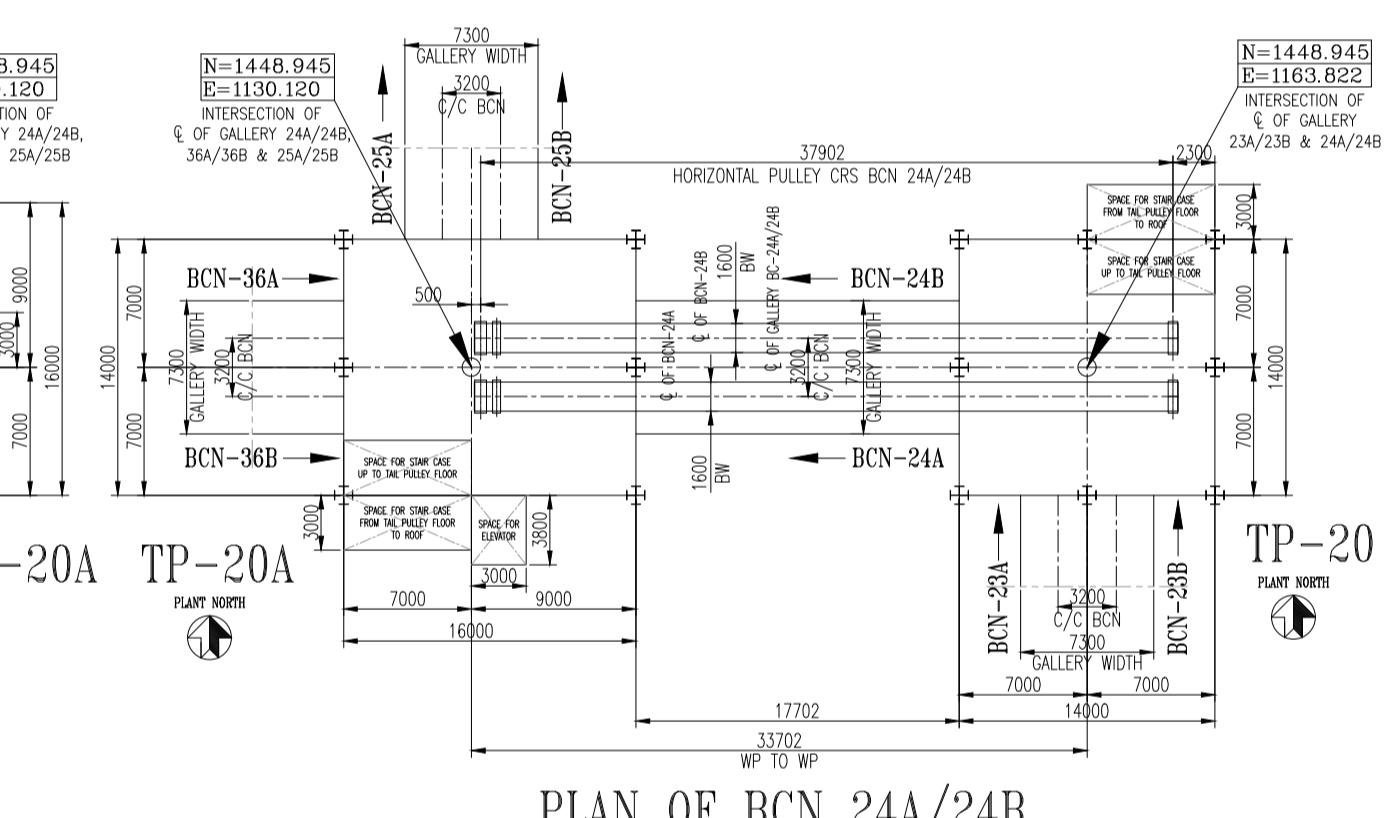
PROFILE ELEVATION OF BCN 24A/24B

PROFILE ELEVATION OF BCN 23A/23B

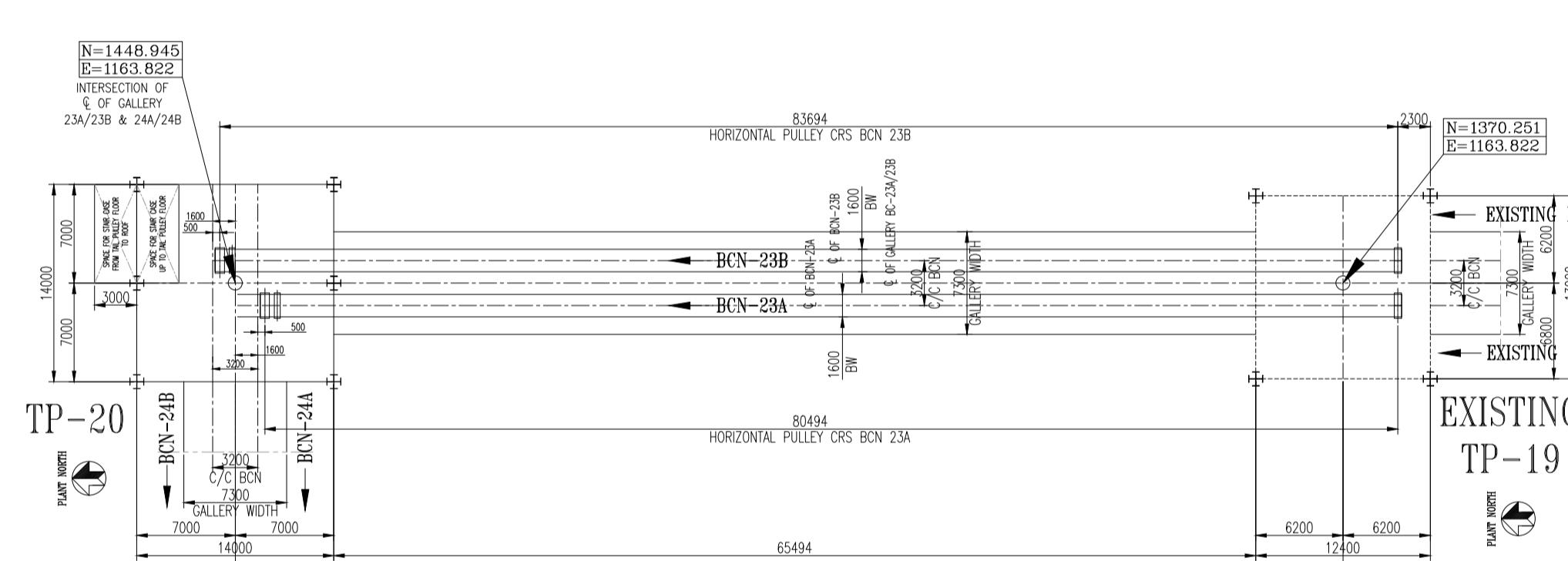
EXISTING TP-19



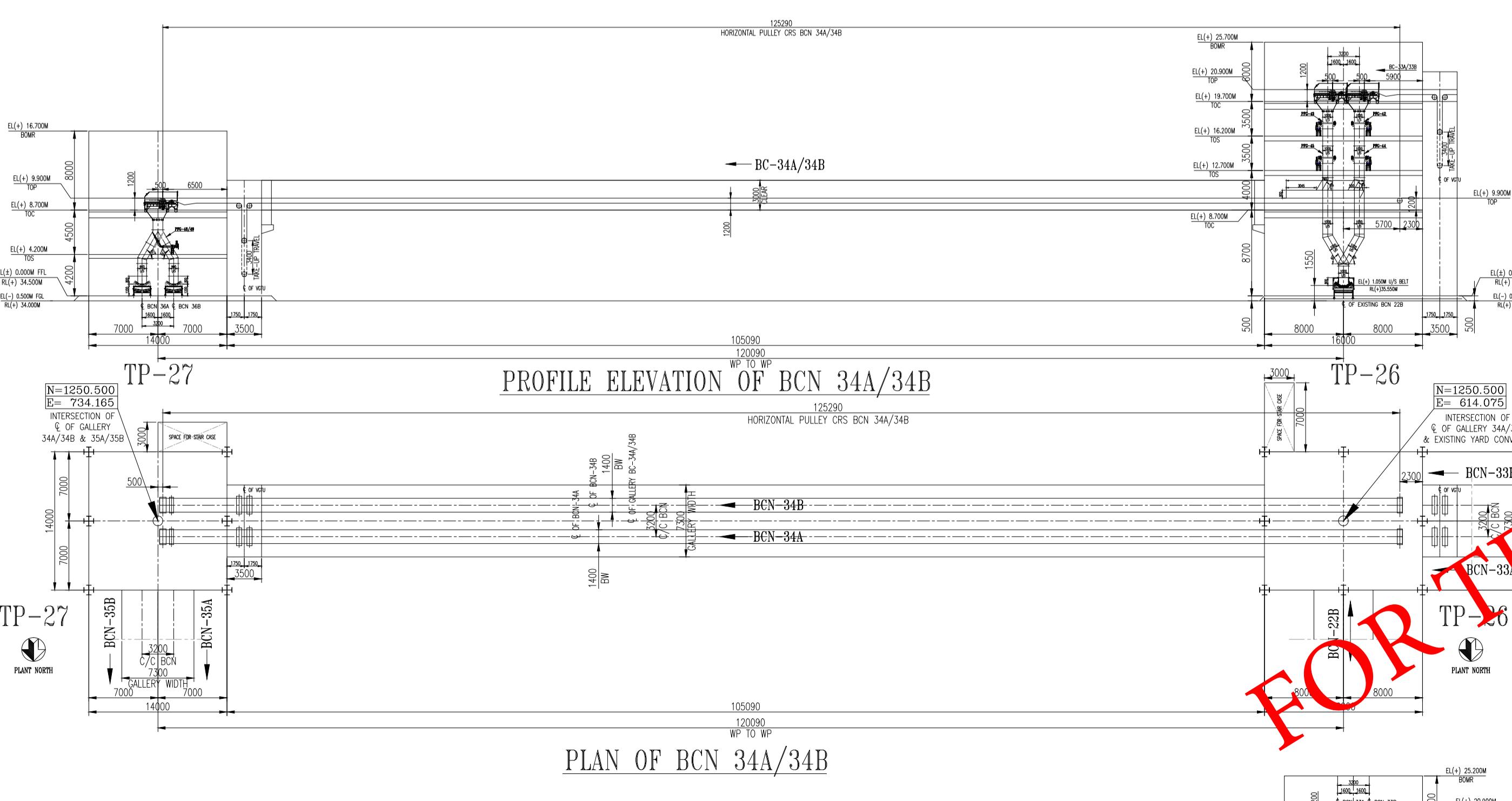
PLAN OF BCN 25A/25B



WP TO WP



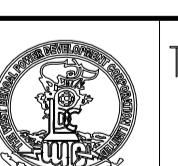
WP TO WP



120090
WP TO WP
PROFILE ELEVATION OF BCN 34A/34B

125290
HORIZONTAL PULLEY CRS BCN 34A/34B

PLAN OF BCN 34A/34B

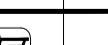


WEST BENGAL POWER DEVELOPMENT CORPN.LTD,
SAGARDIGHT THERMAL POWER STATION
1: COMM. PHASE III EXYN. UNIT/6

DEVELOPMENT CONSULTANTS PVT. LTD. CONSULTING ENGINEERS

KOLKATA • MUMBAI • CHENNAI • NEW DELHI

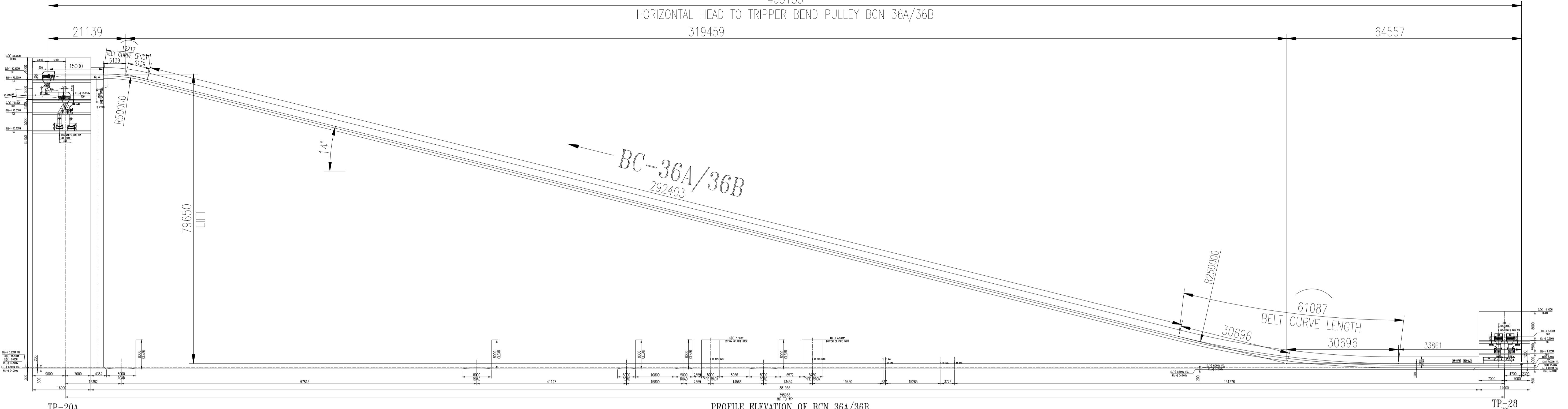
NAME	SIGN	DATE
DRN.	SJY	18.06.2023
CHD.	MAM	18.06.2023

								CONSULTING ENGINEERS		KOLKATA • MUMBAI • CHENNAI • NEW DELHI				
								 BHARAT HEAVY ELECTRICALS LTD. INDUSTRIAL SYSTEMS GROUP, BANGALORE		NAME		SIGN	DATE	
								DRN.		SJY	18.06.2			
								CHD.		MAM	18.06.2			
								APPD.		GAN	18.06.2			
								TITLE : CONVEYOR PROFILE FOR ALL CONVEYOR						
								BHEL JOB. NO.: IS-1-18-2006			STATUS OF DRG.: FOR APPROVAL			
								SCALE : NTS		BHEL DWG. NO. : IS-DG-445-101-A004		SHEET NO.: SH - 2 OF 4		REV. R0
								DRAWN		CHECKED	APPROVED	DATE		
								REVISION NO.		REASONS FOR REVISION				
								REV.		STATUS		TYPE		

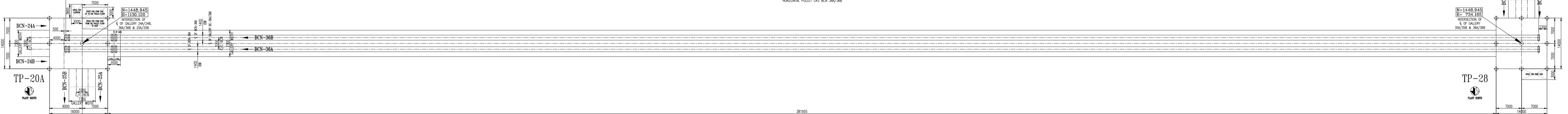
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HORIZONTAL HEAD TO TRIPPER BEND PULLEY BCN 36A/36B

319459

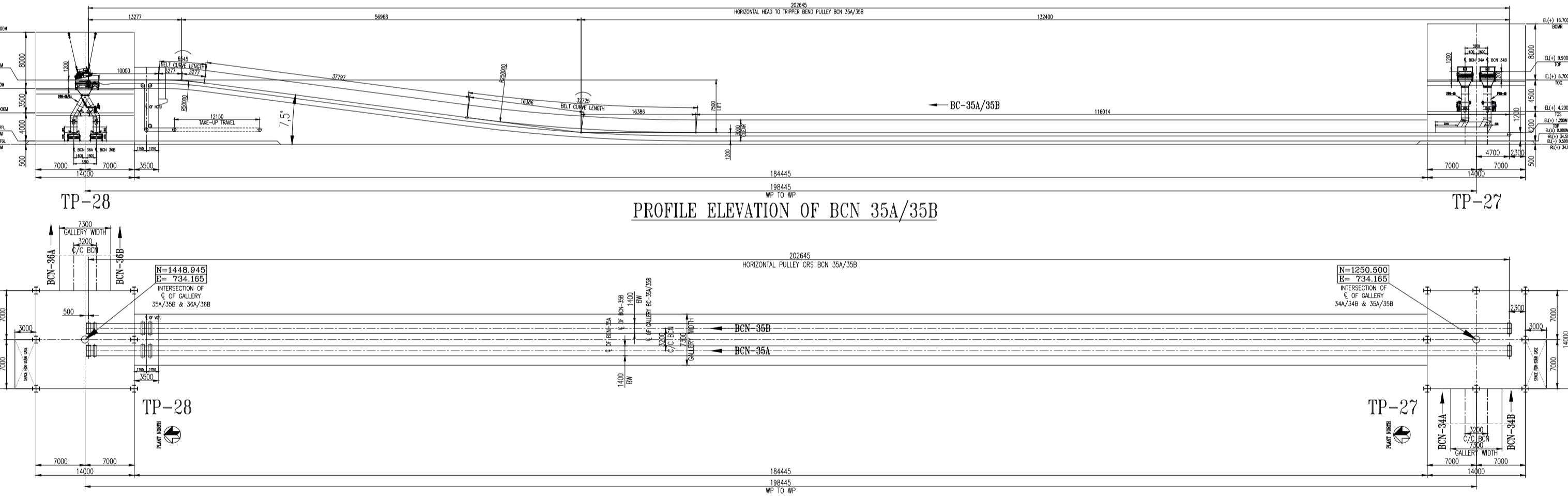


TP-20A



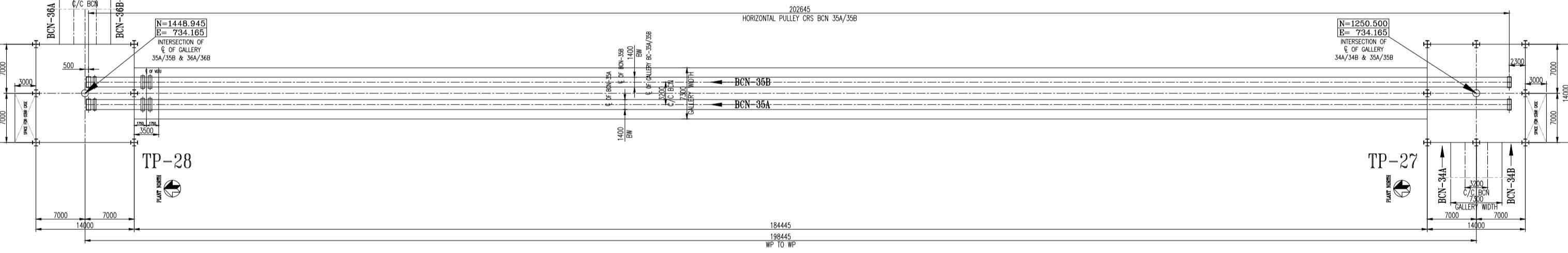
PLAN OF BCN 36A/36B

TP-20A



PLAN OF BCN 35A/35B

TP-28



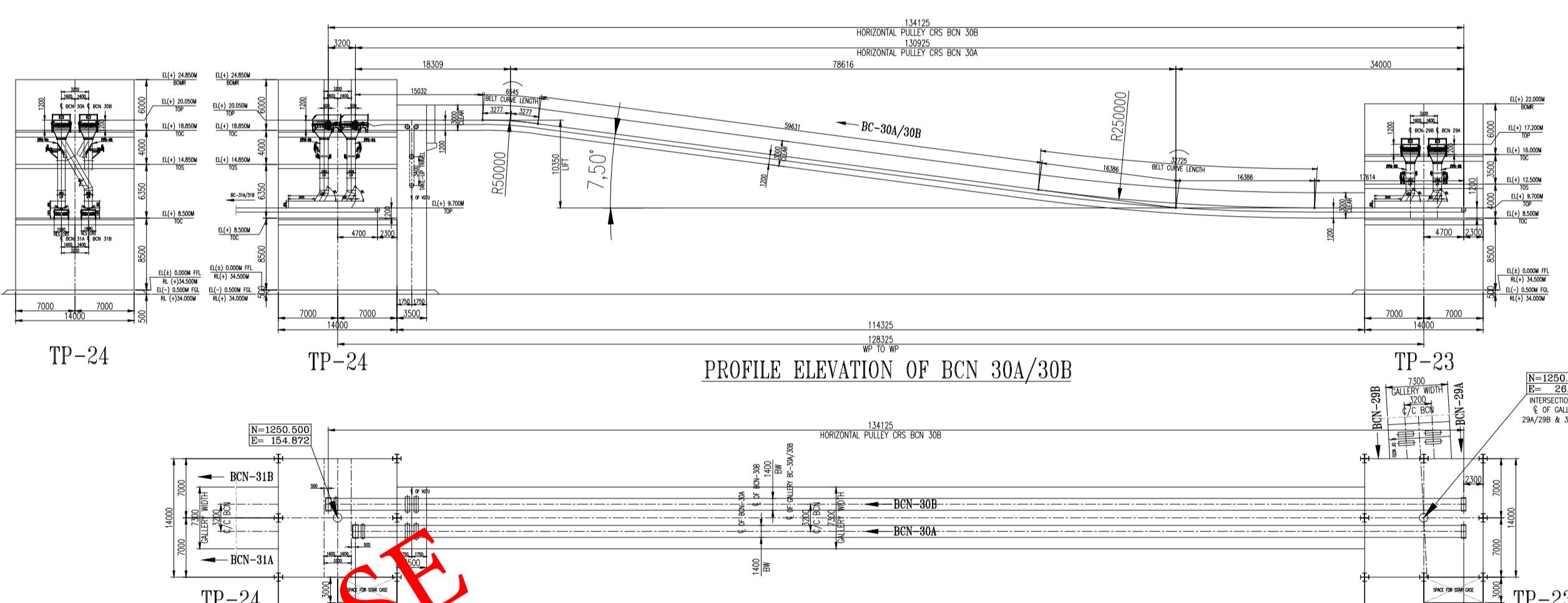
PLAN OF BCN 35A/35B

TP-27

PLAN OF BCN 34A/34B

TP-27

PLAN OF BCN 34A/34B



PLAN OF BCN 30A/30B

TP-24

PLAN OF BCN 30A/30B

TP-24

PLAN OF BCN 30A/30B

TP-23

PLAN OF BCN 30A/30B

TP-23



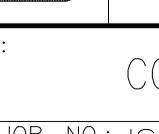
THE WEST BENGAL POWER DEVELOPMENT CORP.LTD.,
SAGARDIGHT THERMAL POWER STATION
1x660MW,PHASE-III,EXIN. UNIT#5



DEVELOPMENT CONSULTANTS PVT. LTD.
CONSULTING ENGINEERS
KOLKATA • MUMBAI • CHENNAI • NEW DELHI



BHARAT HEAVY ELECTRICALS LTD.,
INDUSTRIAL SYSTEMS GROUP, BANGALORE



BHEL

TITLE : CONVEYOR PROFILE FOR ALL CONVEYOR
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SCALE : BHEL DWG. NO.: IS-DG-445-101-A004 SHEET NO.: SH - 3 OF 4
REV. : R0

REV.	STATUS	TYPE	REASONS FOR REVISION	DRAWN	CHECKED	APPROVED	DATE
—	—	—	—	—	—	—	—

FORMAT FOR NO DEVIATION CERTIFICATE
(To be submitted in the bidder's letter head)

BHARAT HEAVY ELECTRICALS LIMITED,
 Power Sector - Eastern Region,
 Plot no 9/1, DJ Block, Sector - II, Salt Lake City,
 Kolkata – 700 091

Sub	No Deviation Certificate.	
Job	Civil, Structural & Architectural works for coal handling plant & ash handling plant except piling of 1 x 660 MW Unit-V, Sagardighi TPP extension.	
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	18.0	BHEL's TCN- 16, vide ref. no. PSER:SCT:SDG-C2063:TCN-16, Date: 25-09-2020.
	19.0	All other pertinent issues till date.

Dear Sirs,

With reference to above, this is to confirm that as per tender conditions, we have visited site before submission of our offer and noted the job content & site conditions etc. We also confirm that we have not changed/ modified the tender documents as appeared in the website/ issued by you and in case of such observance at any stage, it shall be treated as null and void.

We hereby confirm that we have not taken any deviation from tender clauses together with other references as enumerated in the above referred NIT. We hereby confirm our unqualified acceptance to all terms & conditions, unqualified compliance to technical specification, integrity pact (if applicable) and acceptance to reverse auctioning process.

In the event of observance of any deviation in any part of our offer at a later date whether implicit or explicit, the deviations shall stand null & void.

We confirm to have submitted/uploaded offer/documents in accordance with tender instructions with acceptance of the terms & conditions of the tender by us and as per aforesaid references.

Thanking you,

Yours faithfully,

(Signature, date & seal of authorized
representative of the bidder)

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

POWER SECTOR EASTERN REGION DJ-9/1, SECTOR-II, SALTLAKE CITY, KOLKATA - 700 091

फैक्स/Fax : (033) 23211960 फोन/Phone : बोर्ड/EPABX : (033) 23398000