



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TENDER CHANGE NOTE 01 (TCN – 01) DT: 06-11-2008

WITH REFERENCE TO THE NIT, PUBLISHED IN THE WEB SITES FOR FABRICATION AND ERECTION OF STRUCTURAL STEEL WORK INCLUDING ALL INTERFACING WORK AND MISCELLANEOUS WORK AT 3X18 MW POWER & BLOWING STATION, IISCO STEEL PLANT AT BURNPUR, WEST BENGAL, FOLLOWING CHANGES MAY PLEASE BE NOTED AND COMPLIED WHILE SUBMITTING THE OFFER FOR THE SUBJECT JOB.

REF: TENDER DOCUMENT NO-PSER:SCT:IIS-C922:08

01. Based on the clarifications sought by bidders, the same has been clarified and enclosed herewith as per Annexure-A and Annexure-B. Bidders are requested to note and consider the same while quoting.
02. Following Documents/ drawings have been attached with this TCN-01 and indicated also in Annexure-A mentioned above for better understanding of the specification. Bidders are requested to note and consider the same while quoting for the tender.
 - a) 038142-05161-(Rev 00)- P&BS BLDG-SECTION
 - b) Preliminary 038142-01262-(Rev B)- TRANSF BLDG
 - c) Preliminary 138142-05244-(Rev C)- CT PUMP HOUSE
03. The due date of submission of bid shall remain unaltered.

BIDDERS TO NOTE THAT ALL TCNS WILL FORM PART OF TECHNICAL SPECIFICATION & SPECIAL CONDITION OF CONTRACT OF TENDER DOCUMENT.

ALL OTHER TERMS & CONDITIONS OF THE TENDER SHALL REMAIN UNCHANGED.

BIDDERS ARE REQUESTED TO SUBMIT OFFER BY THE ABOVE DUE DATE.

SDGM (SCT)

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

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

फैक्स/Fax : (033) 23211960

फोन/Phone : बोर्ड/EPABX : 23211691 / 1684

ANNEXURE-A

BHEL'S CLARIFICATION TO BIDDERS' QUERIES				
JOB:: FABRICATION AND ERECTION OF STRUCTURAL STEEL WORK INCLUDING ALL INTERFACING WORK AND MISCELLANEOUS WORK AT 3X18 MW POWER & BLOWING STATION, IISCO STEEL PLANT AT BURNPUR, W.B (TENDER NO- PSER:SCT:IIS-C922:08)				
TENDER CHANGE NOTE(TCN-02)				
SL.	Reference clause of Tender	Existing provision	Bidder's Query	BHEL's clarification
	BOQ item no.			
1	6	Structural fabrication, Erection & Alingment	Please prvide us an indication of Height of Structure	Refer enclosed drawings of P&BS Building, Transformer cum Switchgear Building (preliminary) & CW Pump House (preliminary) indicating ht. of respective buildings.
	6.1	A shop coat of approved inorganic Zinc Silicate coating of 65-75 micron DFT after cleaning with manual/ power tool cleaning	As per manufacturer's i.e. Shalimar, Berger specification application of inorganic Zinc silicate cannot be done on manual/power tool cleaning surfaces. Sand blasting cleaning surface is must. So pl. confirm whether we will consider sand blasting.	1. Surface preparation as per ST2 of Swedish std SIS 05 5900. 2. Primer Paint - Two coats of Zinc phosphate in phenolic Alkyd medium (DFT - 35 micons/coat) 3. Finish paint - Two coats of Synthetic enamel (DTF - 25 micron/coat) confirming to IS:2932-1974.
2	6.2	Erection of structural steel	As per description of item, grouting under bases using Convextra GP 1 should be included in the item rate. But there is a separate item of grouting using Convextra GP 1 in the same BOQ vide Item No. 3.11b). Therefore, Pl. clarify, whether we will consider grouting in Item No. 6.2 or it will be excluded from this item & paid seperately vide item no. 3.11b)	grouting shall be paid as per item 3.11 a), b), c)
3	6.1	Pre-coated galvalume sheeting	Pl. give atleast 1 or 2 name of vendors for galvalume sheet. Otherwise we will consider TATA BLUESCOPE / CRIL brand. Pl. confirm.	Pl. note, no vendor has been envisaged by customer for this item. As such bidders are requested to search through web like google etc for name of Suppliers
4	27 OF SCC	1 no. Crawler Crane 35T Capacity, 1 no. Crawler Crane 20T Capacity, 1 no. Crawler Crane 100/75T Capacity	We are considering 1 no. 35T capacity crane & 1 no. 75T capacity crane instead of 3 nos. crane. Pl. confirm.	Contractor to provide cranes as per scc.

BHEL's CLARIFICATION TO BIDDERS' QUERIES

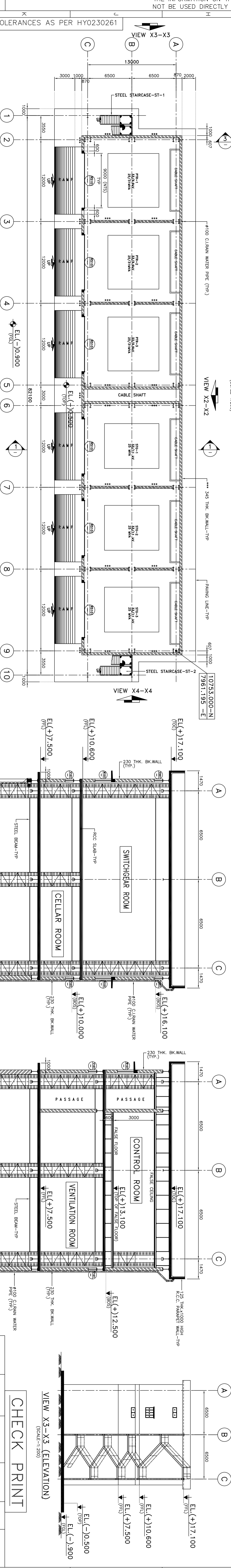
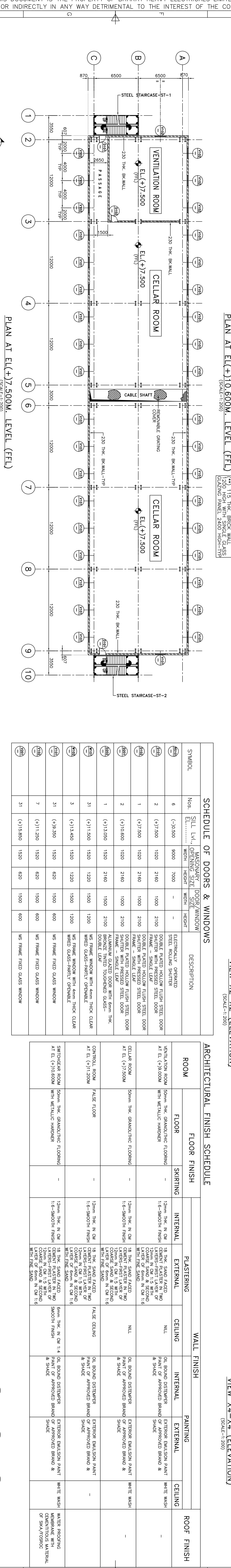
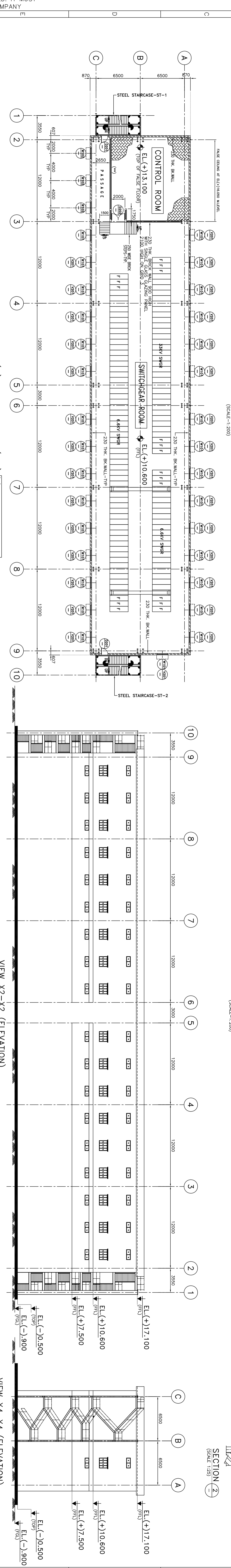
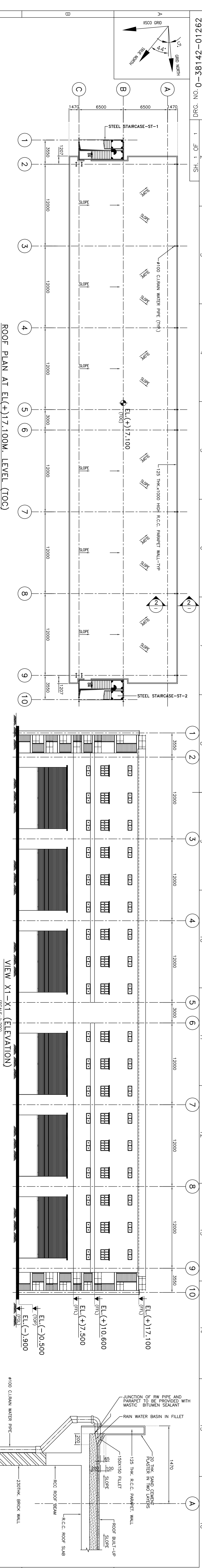
JOB:: FABRICATION AND ERECTION OF STRUCTURAL STEEL WORK INCLUDING ALL INTERFACING WORK AND MISCELLANEOUS WORK AT 3X18 MW POWER & BLOWING STATION, IISCO STEEL PLANT AT BURNPUR, W.B (TENDER NO- PSER:SCT:IIS-C922:08)

ITEM NO/CL.NO	ITEM /CLAUSE DESCRIPTION	BIDDERS' QUERIES	BHEL'S CLARIFICATIONS
	GCC		
4.1.4.4	Final Bill : Final payment to the contractor may be withheld by BHEL while any claim, demand, proceedings, suits etc. for which under the Contract the Contractor is liable remains	Incase Final Bill / Formalities are held up due to contact deviations even after completion of work, Retention / security Money releasable with final bill shall be released on completion of job.	GCC PROVISIONS SHALL REMAIN UNALTERED.
7.3.3.5	The security deposit can be recovered by deduction from running bills @ 10% of the value of each running bills till the full Security Deposit is made up. However, in such cases at least 50% of the Security Deposit should be deposited before start of work and the balance may be recovered from RA bills.	However this Cash Security Deposit shall be allowed to be withdrawn at any moment of during the execution of the contract by submitting equivalent Bank guarantee with same validity of the BG of Initial Security Deposit	GCC PROVISIONS SHALL REMAIN UNALTERED.
7.3.3.7	If the value of the work done at any time exceeds accepted agreement value, the security deposit shall be correspondingly enhanced and the extra security deposit shall be immediately deposited by the contractor or recovered from payments due to him.	Similiary if the value of the work done at any time is envisaged to be reduced than the accepted agreement value, the security deposit shall be correspondingly released and the extra security deposit shall be immediately refunded	GCC PROVISIONS SHALL REMAIN UNALTERED.

BHEL's CLARIFICATION TO BIDDERS' QUERIES

JOB:: FABRICATION AND ERECTION OF STRUCTURAL STEEL WORK INCLUDING ALL INTERFACING WORK AND MISCELLANEOUS WORK AT 3X18 MW POWER & BLOWING STATION, IISCO STEEL PLANT AT BURNPUR, W.B (TENDER NO- PSER:SCT:IIS-C922:08)

ITEM NO/CL.NO	ITEM /CLAUSE DESCRIPTION	BIDDERS' QUERIES	BHEL'S CLARIFICATIONS
	SCC		
27	One no. Crawler cranes 35 T Capacity	One no. Crawler cranes 20T Capacity will be provided. Others will be provided if required	Provisions laid down in SCC shall remain unaltered.
	One no. Crawler cranes 20T Capacity		
	One no. Crawler cranes 100T / 75T Capacity		
	Two nos power winch 2T capacity Within 45 days from the	Will be provided if required	
	Two nos power winch 3T capacity		
	2nd Hydra - 10/12 T capacity	Will be provided if required	
	15 Nos. Welding Rectifier	Welding Transformer / Welding Rectifier will be provided in sufficient numbers	
42 e	BHEL at discretion, any further split up the above percentages and effect payment to suit the site condition, cash flow requirement, according to the progress of work.	Breakup of Item 6.1 a to be made in the following way: Cutting / Fitting - 50%, Final Welding - 50%	Provision laid in the tender specification shall remain unaltered.
	BOQ		
8.0	Milling on 32mm plate	Permission to be given for taking steel materials to workshop outside plant premises.	Tender provision shall remain unaltered.



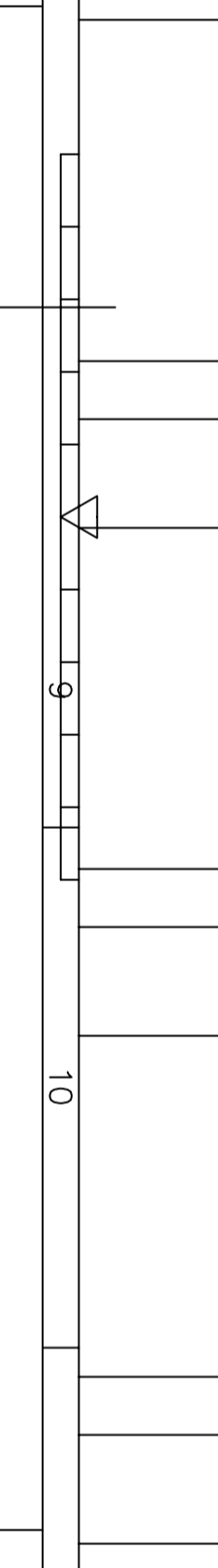
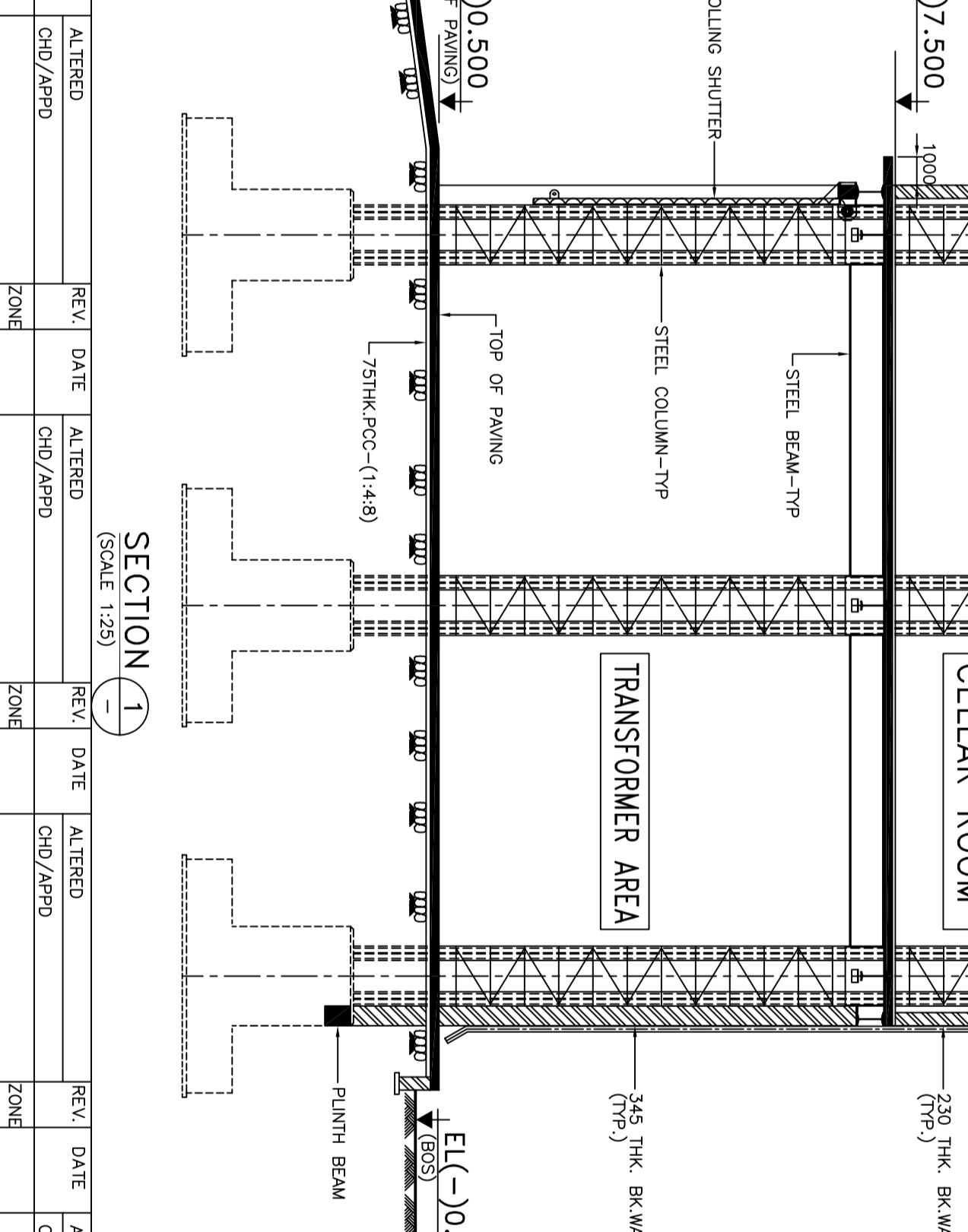
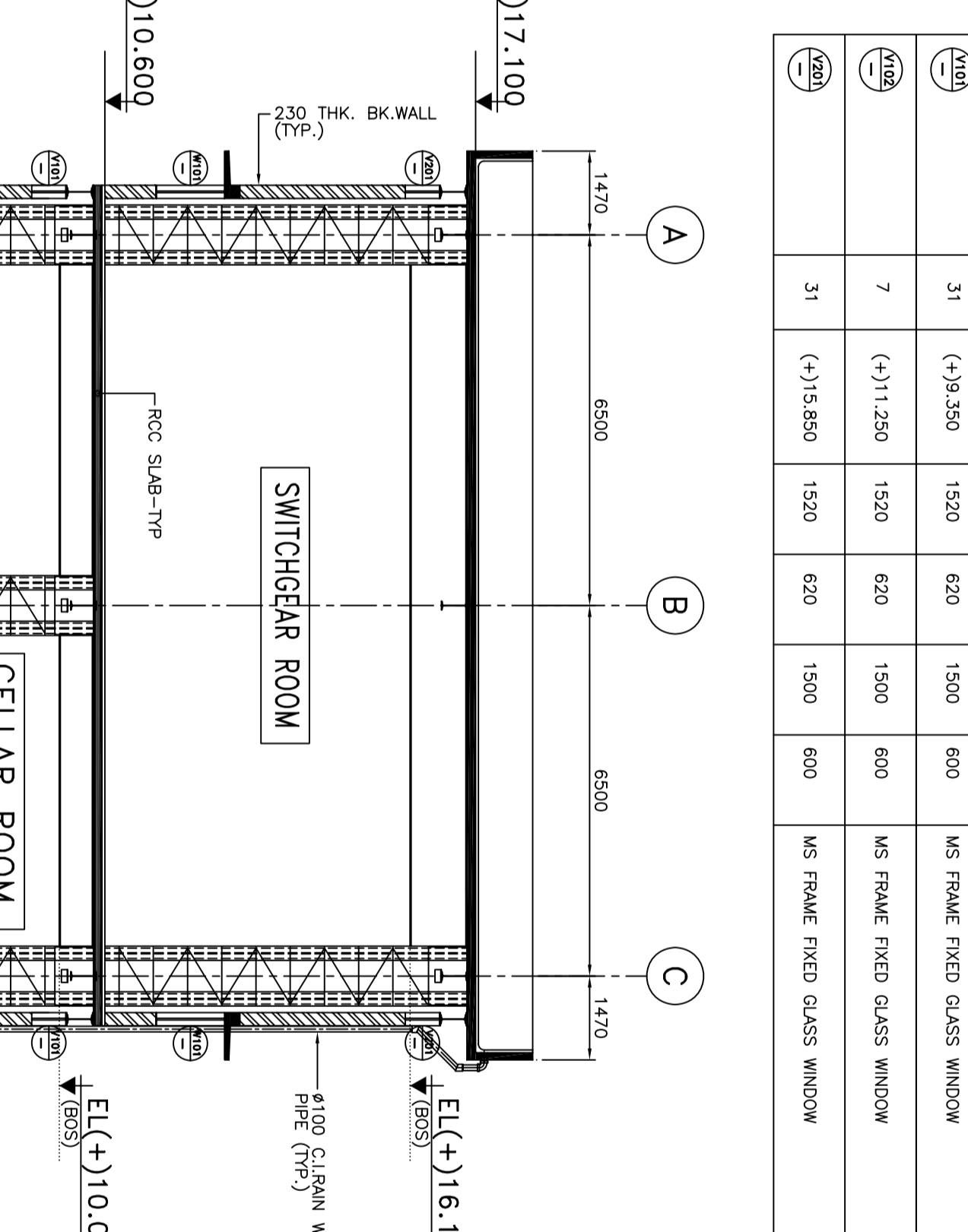
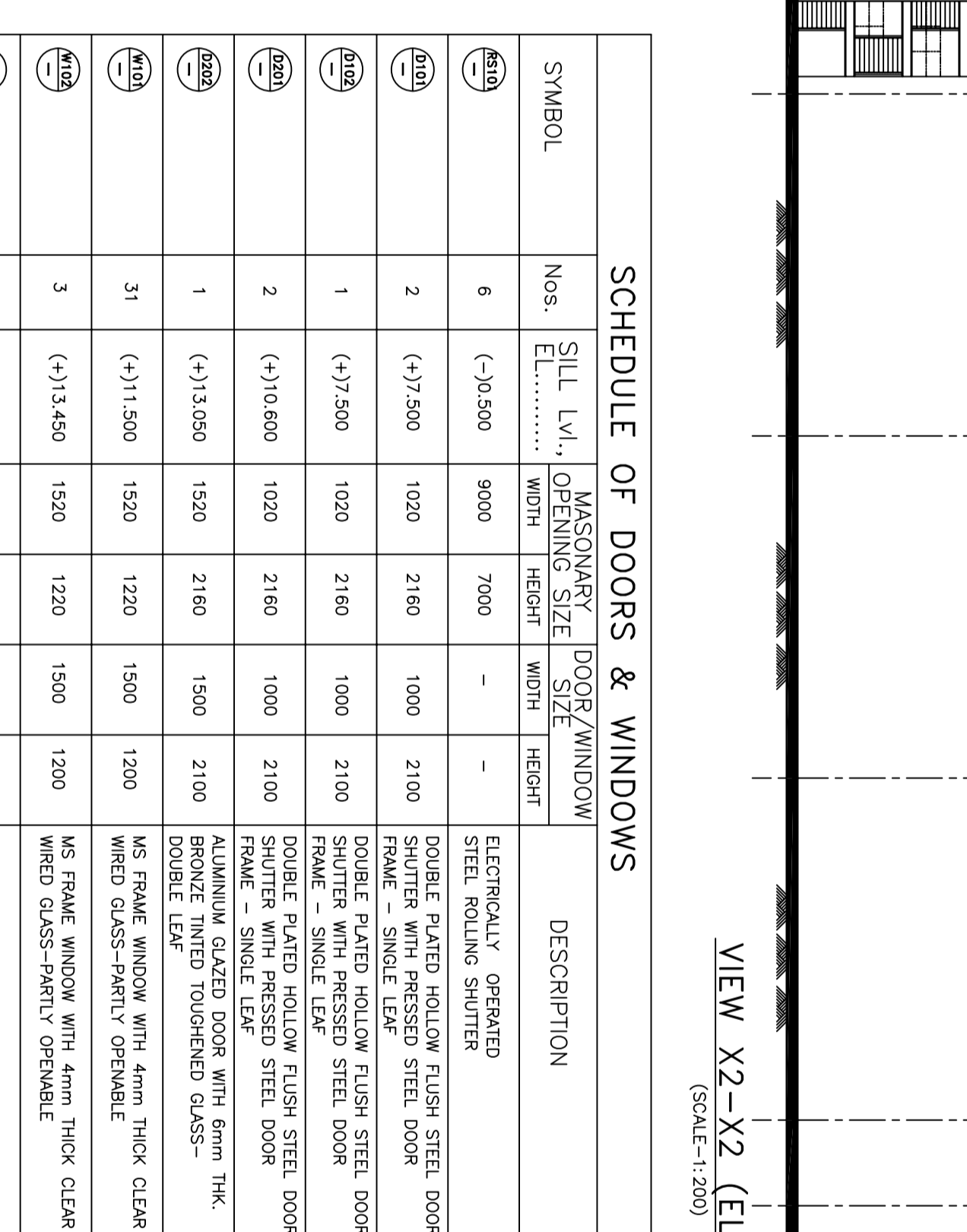
SYMBOL	NO.	SYMBOL	NO.	SYMBOL	NO.	SYMBOL	NO.
1	1	2	2	3	3	4	4
...

SCHEDULE OF DOORS & WINDOWS

SYMBOL	NO.	SYMBOL	NO.	SYMBOL	NO.	SYMBOL	NO.
1	1	2	2	3	3	4	4
...

ARCHITECTURAL FINISH SCHEDULE

ROOM	FLOOR FINISH	WALL FINISH	CEILING	ROOF FINISH
VENTILATION ROOM	12mm THK. IN. CM LAYERS-FIRST LAYER OF COARSE SAND & SECOND LAYER OF FINE SAND WITH FINE SAND	12mm THK. IN. CM LAYERS-FIRST LAYER OF COARSE SAND & SECOND LAYER OF FINE SAND WITH FINE SAND	12mm THK. IN. CM LAYERS-FIRST LAYER OF COARSE SAND & SECOND LAYER OF FINE SAND WITH FINE SAND	12mm THK. IN. CM LAYERS-FIRST LAYER OF COARSE SAND & SECOND LAYER OF FINE SAND WITH FINE SAND
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GENERAL DIMENSIONAL LIMITS, FITS & TOLERANCES AS PER HY0230261

LEGEND

NOTES

REFERENCE DRAWINGS (LATEST REVISIONS)

ENGINEERING

CHECK PRINT

ISCO STEEL PLANT, BURUPUR, WEST BENGAL

MECON LIMITED

POWER & BLOWING STATION

STEEL AUTHORITY OF INDIA

ISCO STEEL PLANT, BURUPUR

HYDRABAD

PROJECT NO. IS-P-BHEL-X-011-001-57-DE-00021

DATE: 18.10.2018

SCALE: 1:200

DRAWING NO. 0-38142-01262 B

