

150MW Lamination Drawing

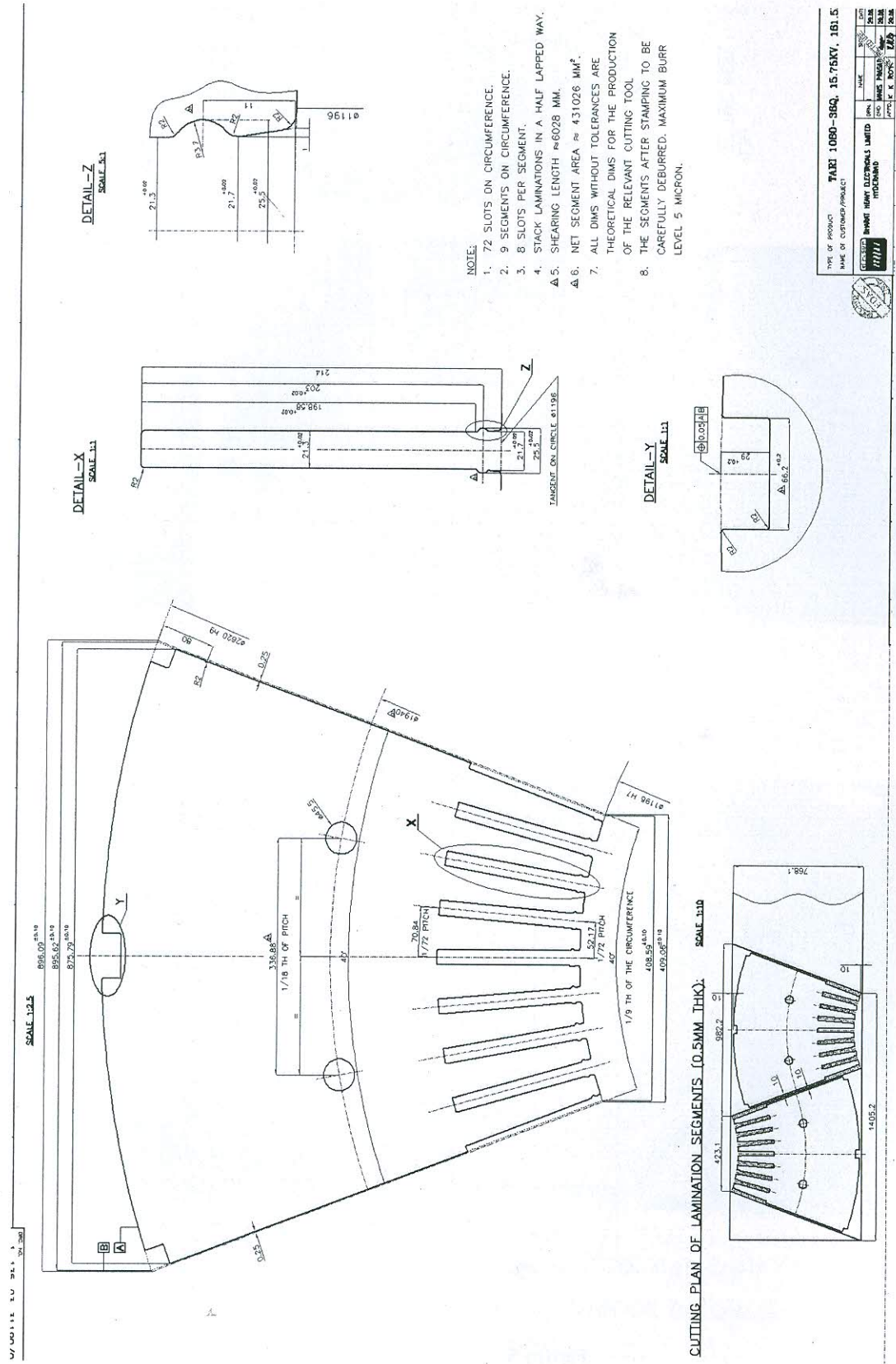
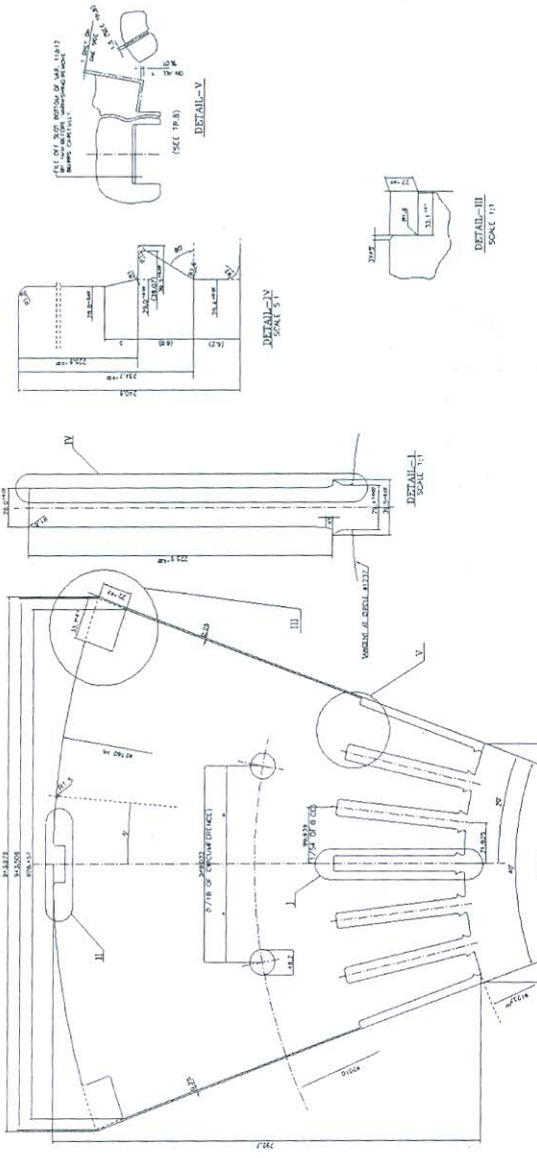


Figure 6

270MW Lamination Drawing

TABLE-I

NO.	ITEM TO BE USED	UNIT	QUANTITY
01	8-130-02-15047	PCS	24
02	8-130-02-15047	PCS	24
03	8-130-02-15047	PCS	24
04	8-130-02-15047	PCS	24
05	8-130-02-15047	PCS	24
06	8-130-02-15047	PCS	24
07	8-130-02-15047	PCS	24
08	8-130-02-15047	PCS	24
09	8-130-02-15047	PCS	24
10	8-130-02-15047	PCS	24
11	8-130-02-15047	PCS	24
12	8-130-02-15047	PCS	24
13	8-130-02-15047	PCS	24
14	8-130-02-15047	PCS	24
15	8-130-02-15047	PCS	24
16	8-130-02-15047	PCS	24
17	8-130-02-15047	PCS	24
18	8-130-02-15047	PCS	24
19	8-130-02-15047	PCS	24
20	8-130-02-15047	PCS	24
21	8-130-02-15047	PCS	24
22	8-130-02-15047	PCS	24
23	8-130-02-15047	PCS	24
24	8-130-02-15047	PCS	24
25	8-130-02-15047	PCS	24
26	8-130-02-15047	PCS	24
27	8-130-02-15047	PCS	24
28	8-130-02-15047	PCS	24
29	8-130-02-15047	PCS	24
30	8-130-02-15047	PCS	24
31	8-130-02-15047	PCS	24
32	8-130-02-15047	PCS	24
33	8-130-02-15047	PCS	24



TECHNICAL REQUIREMENTS -

1. WORK REQUIREMENT ACCORDING TO THE SPECIFICATION.
2. DIMENSIONS IN BRACKETS ARE TO BE TAKEN AS NOMINAL DIMENSIONS.
3. DIMENSIONS IN BRACKETS ARE TO BE TAKEN AS NOMINAL DIMENSIONS.
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30. DIMENSIONS IN BRACKETS ARE TO BE TAKEN AS NOMINAL DIMENSIONS.
31. DIMENSIONS IN BRACKETS ARE TO BE TAKEN AS NOMINAL DIMENSIONS.
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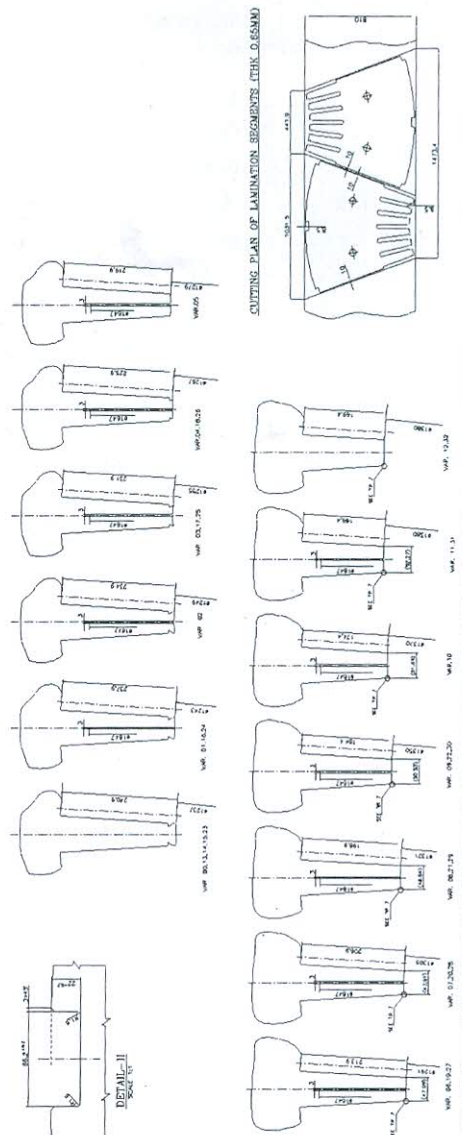


Figure 7

3. Specification for lifting and transporting mechanism for 270MW and 150MW laminations

Description: After the laminations are assembled on a assembly table to a desired stack height, the mandrel table is lowered and entire stack is lifted and transported to main assembly area by crane using the 'lifting pins'. In main assembly area, transported stacks are put one above another to the required height of generator.

SR. No.	DESCRIPTION	BHEL Specification	Vendor Specification/Remark
1	Scope	To design, manufacture and supply 1 lifting plates (common for 270MW laminations and 150MW laminations) and lifting pins including chains and hooks similar to figure shown below. The figure is representative and vendor is free to evolve another concept.	
2	Supporting Weight	The lifting pin/mechanism should be able to support entire weight of assembled laminations and should make sure that the laminations do not become loose during transportation. The sliders should be able to 'slide in' while unloading the stack and 'slide out' while loading the stack.	
3	No. of lifting pins	If the concept of lifting pins is used, two sets of lifting pins - One set of 18 lifting pins for 270MW laminations and another set of 18 lifting pins for 150MW laminations will be required. At a time, only one set of lifting pins will be used. Suitable provision shall be made on the lifting plate to use only one set.	
4	Material	a. Lifting Plate: MS b. Lifting Pins: As specified for mandrel.	
5	Surface Finish	a. Lifting Plate: Vendor to specify b. Lifting Pins: High grade stainless steel finish	

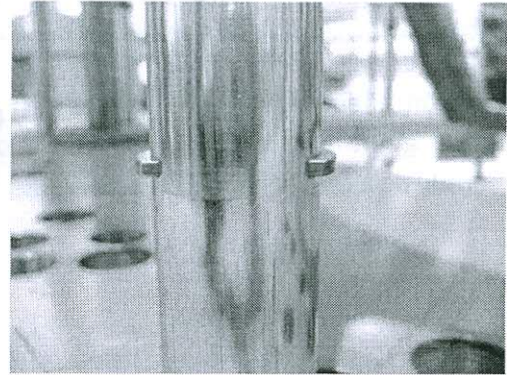
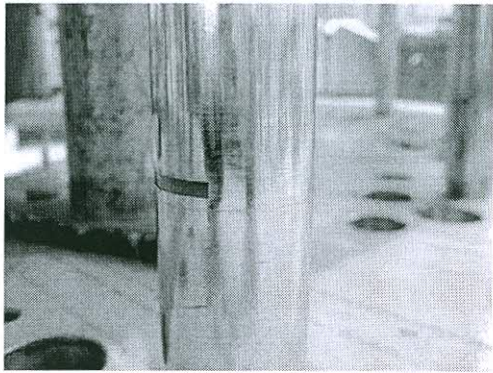
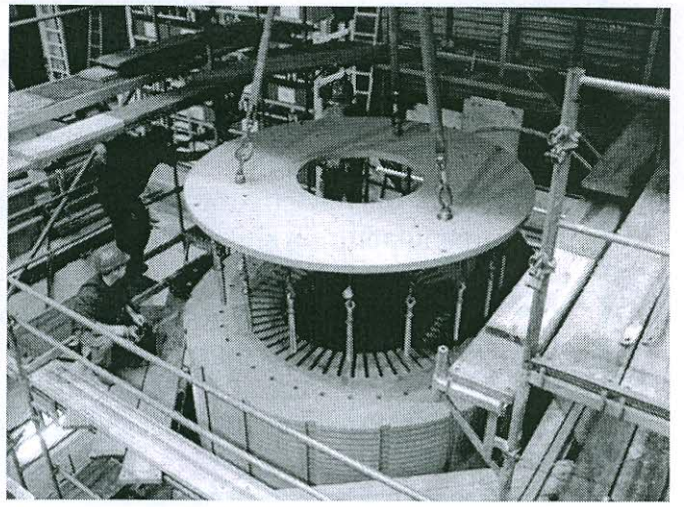


Figure 8