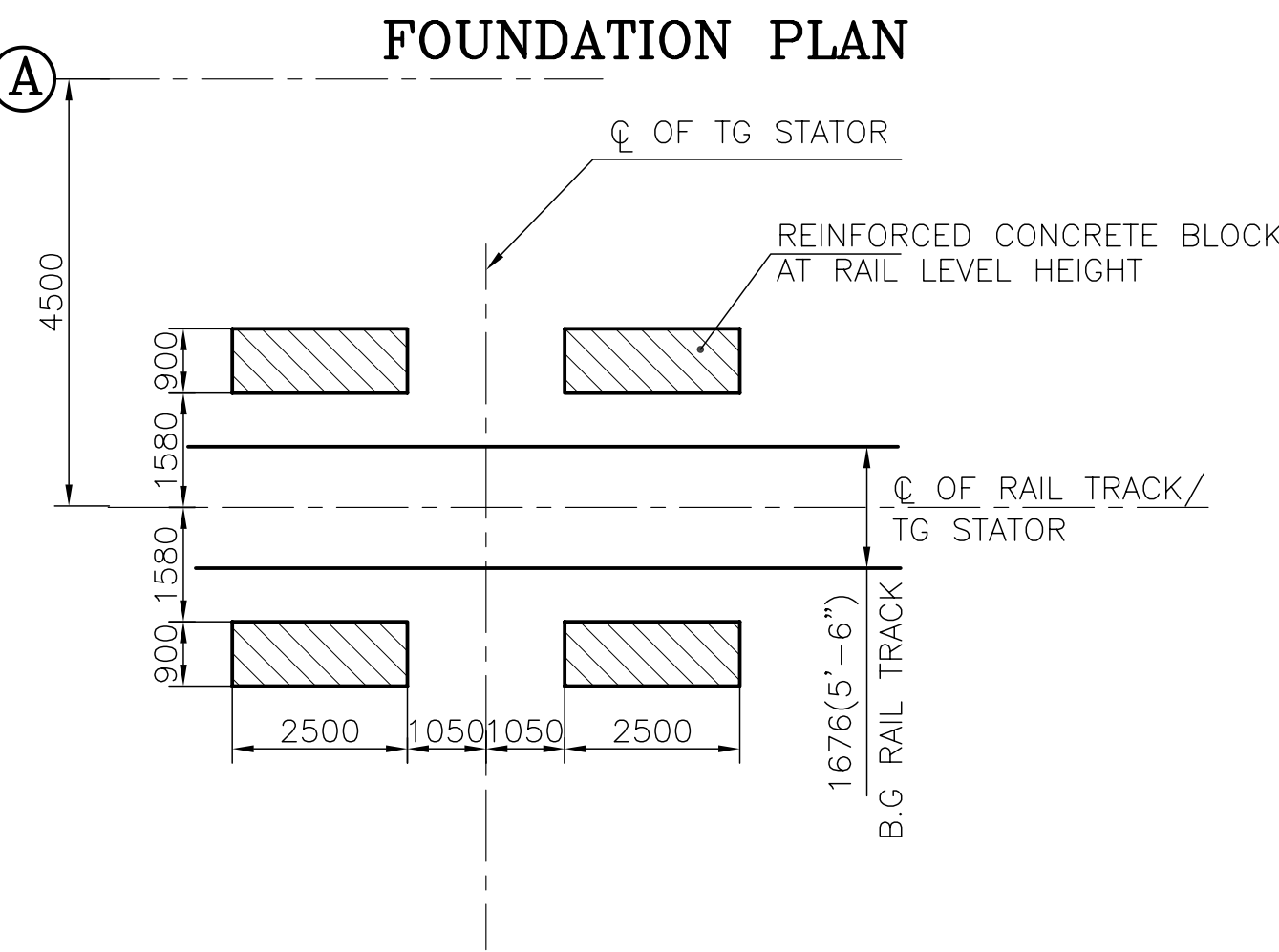
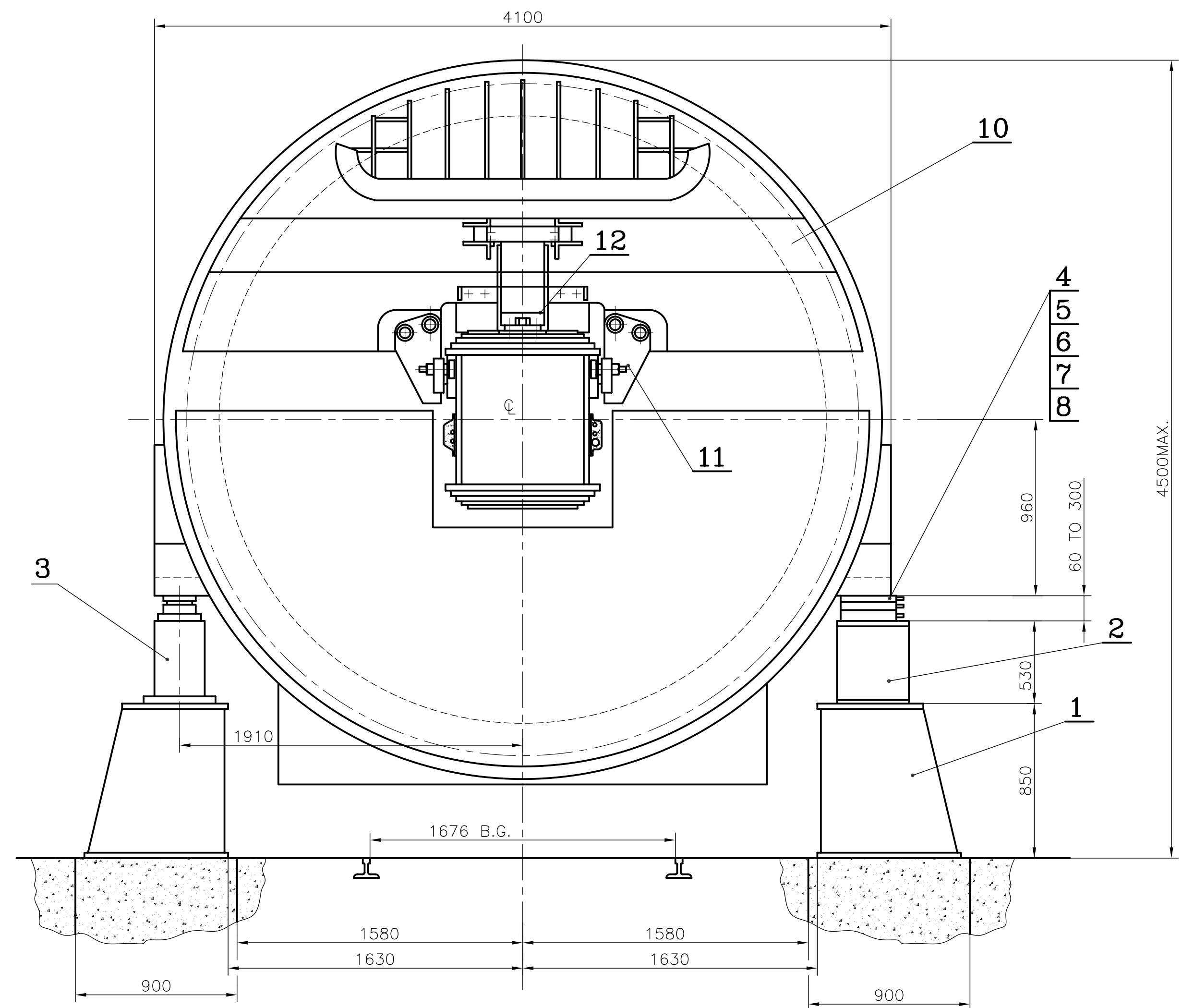
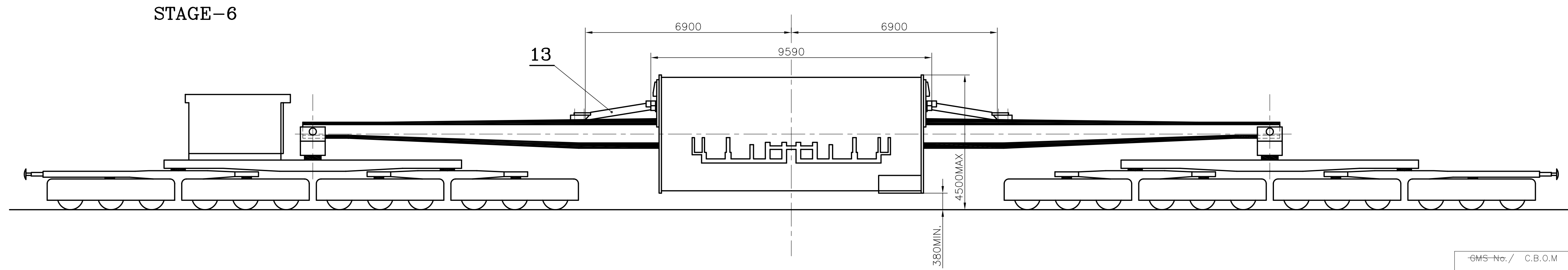
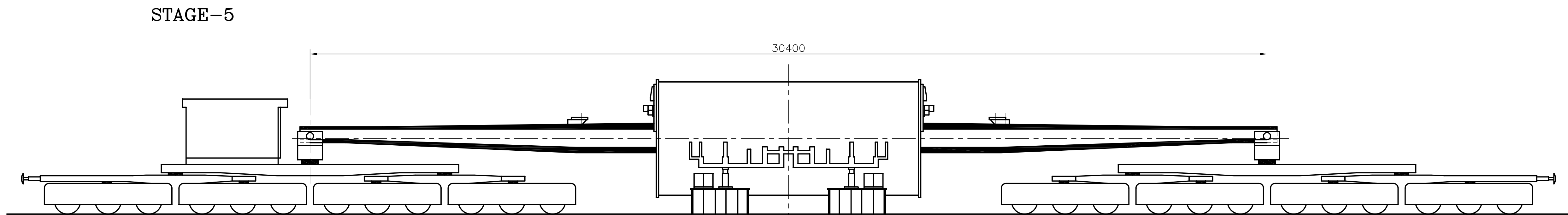
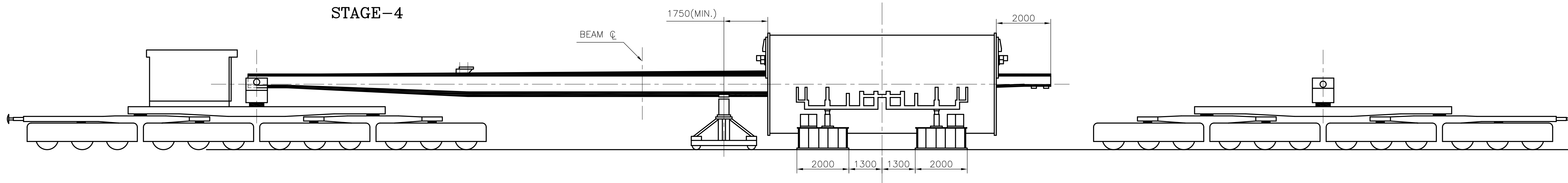
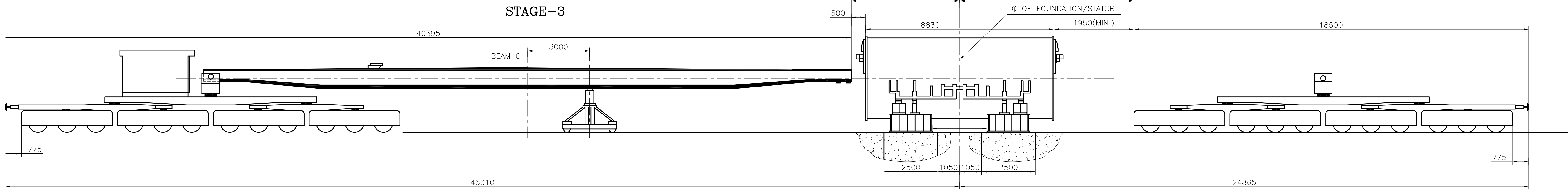
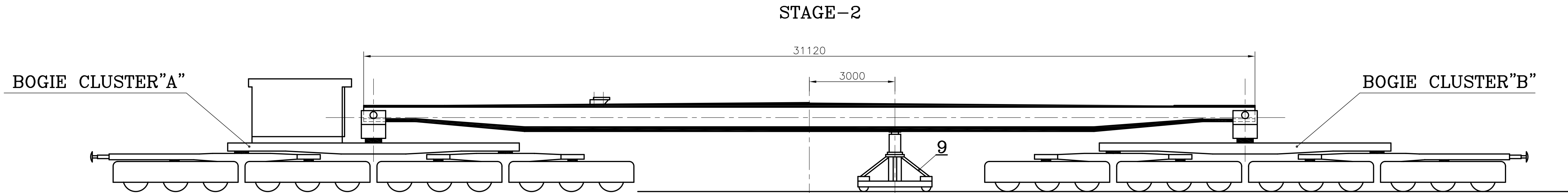
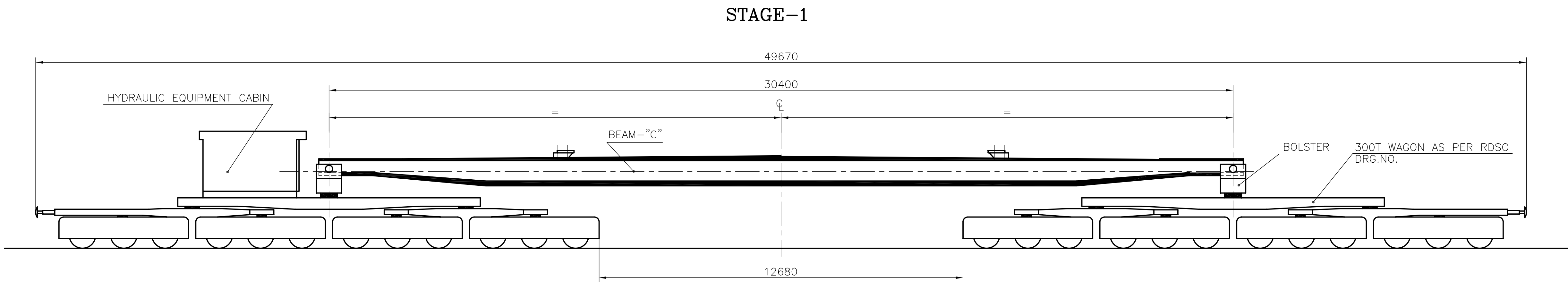




LIST OF ITEMS

ITEM NO.	DESCRIPTION	QTY.	UNIT WT. IN KGS
1	BOTTOM PEDESTAL	4	1305
2	AUXILIARY PDEASTAL	4	260
3	175T HYDRAULIC JACK	4	250
4	SHIM 260X150X0.5	AS REQD	0.15
5	SHIM 260X150X3.15	"	0.96
6	SHIM 260X150X6	"	1.22
7	SHIM 260X150X10	"	3.04
8	SHIM	16	11.7
9	HYDRAULIC TROLLEY	1	3500
10	CARRIER END SHIELD	2	4260
11	STOPPER SUPPORT	2	141
12	ROLLER BLOCK	4	91.3
13	SUPPORT BEAM	2	18.3

1. GROSS WEIGHT OF WAGON = 187.8T
PAY LOAD (WT. OF TG STATOR) = 258.0T
2. AXLE LOAD = 18.57T
3. MAXIMUM LOAD ON EACH PEDESTAL = 125.0T
ACTUAL LOADING AREA = 1.6 M2
4. C LOCATION OF RAIL TRACK w.r.t. A ROW = 4500 MM
(REF. NTPC DRG. PE-DG-200-100-M201)

GRADE OF UNTOL.DIM	
M/CG - G/M/F AA0230208	
WELDING - R/B/G/B AA0621104	
GAS CUTTING - T3'AA0621101	

DESIGN No. / C.B.O.M	STATUS OF DES
AGREED / SET	NAME SIGN DATE

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT

BHARAT HEAVY ELECTRICALS LTD.
RAIPUR, RAJASTHAN

DRN	NAME	SIGN	DATE
CHD	KRG	SD	11.08.05
APPR	KRG	SD	11.08.05
APPR	KRG	SD	11.08.05

REV	DATE	ALTERED	CHECKED

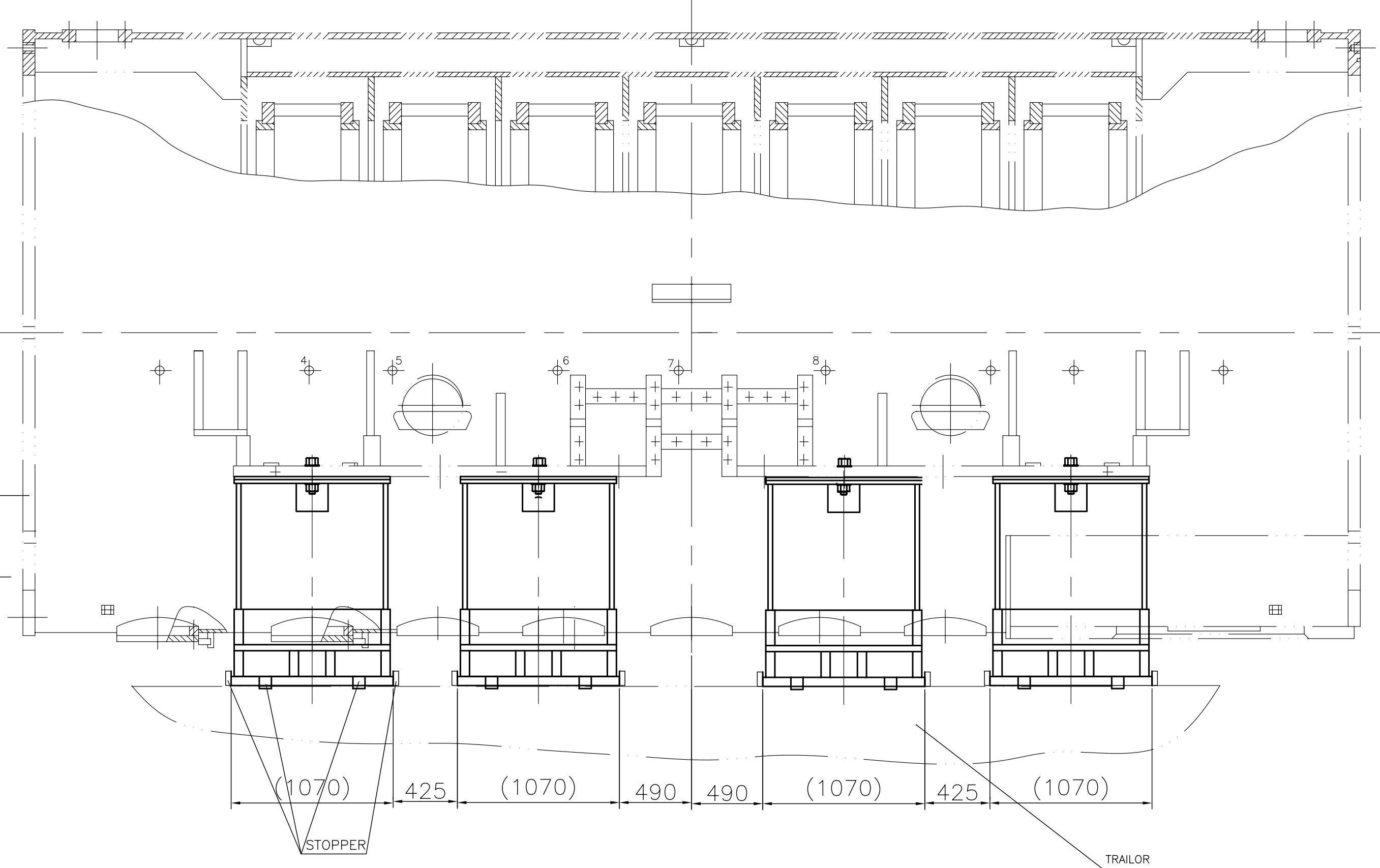
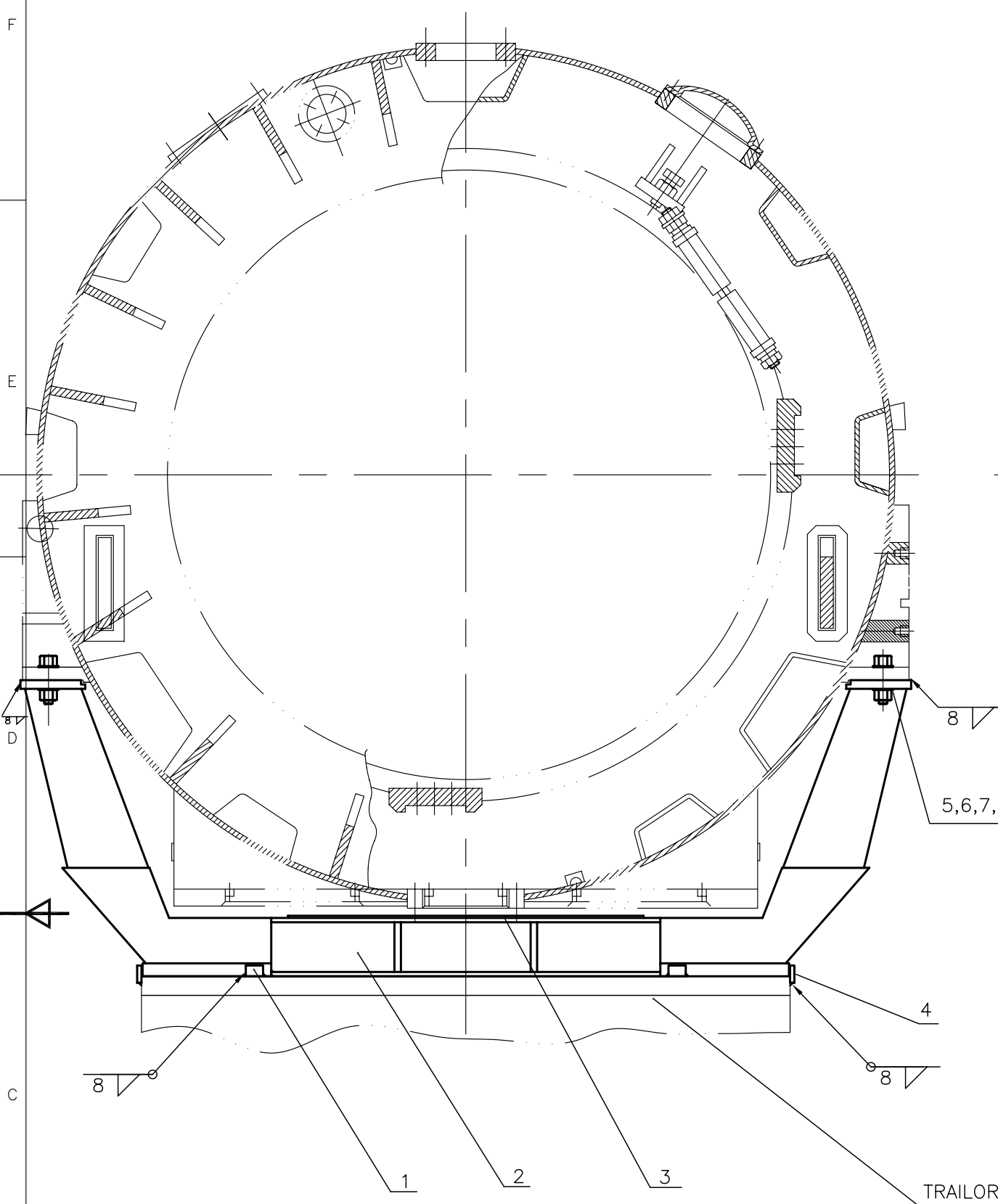
DEPT	TGE	SCALE	WEIGHT (KG)	REF. TO ASSY. DRG.	ITEM No.	NO. OF ITEMS
CODE 41.33		1:75	-	-	-	-

TITLE **STATOR LOADING AND UNLOADING WITH 300T SPL WAGON** DRAWING NO. **0-139-38-01022C** SHEET No. 01 No. OF SHEETS 01

02010-8E-6E1-2
2-139-38-01070

DRAWING NO.

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TECHNICAL REQUIREMENTS

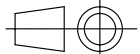
1. IDENTIFICATION ACCORDING TO HW0400397.
2. THE TRAILOR PLATFORM MUST BE CONTINUOUS AND CAPABLE OF TAKING LOADS NEAR EDGES OF ITS WIDTH.
3. THE TRAILOR PLATFORM MUST HAVE A WIDTH MORE THAN 2990 MM.
4. FOR UNIFORM LOADING STEEL SHIMS ITEM 8 TO BE USED FOR LEVELLING.

ITEM	DESCRIPTION &	QTY.
1	PLATE 50X80X80	8 Nos.
2	FIXTURE FOR ROAD TRANSPORT	4 Nos.
3	RUBBER SHEET 5X1000X1600	8 Nos.
4	PLATE 40X100X100	16 Nos.
5	SCRU HEX.	8 Nos.
6	WASHER	16 Nos.
7	NUT HEX.	8 Nos.
8	SHIM 0.5X400X250	4 Nos.

GRADE OF UNTOL. DIM.:—		
M/CG—V/C/M/F AA 0230208		
WELDING—A/B/C/D—AA621104		
GAS CUTTING—T3'AA0621101		
REV.	DATE	ALTERED CHECKED

CBOM NO. 21393801070		STATUS OF DRG.	
AGREED DEPT.	NAME	SIGN	DATE
EMT	KOHLI	SD/—	11.1.2002

REV.	DATE	ALTERED PNM CHECKED KN	sd/— sd/—
01	14.1.03		
CHANGES AS PER CHANGE ADVICE NO.TGE—2003—F—134			

TYPE OF PRODUCT OR NAME OF CUSTOMER/ PROJECT				500MW TG					
BHARAT HEAVY ELECTRICALS LTD. HARDWAR					NAME	SIGN	DATE	NO.OF VAR.	
				DRN	S.K.SHARMA	SD/-	28.11.01		
				CHD	K.NARULA	SD/-	28.11.01		
				APD	R.C.BAJPAI	SD/-	11.1.2002	73174	
DEPT.	TGE		SCALE	WEIGHT(Kg.)	REF. TO ASSY. DRG.			ITEM NO.	NO.OF ITEMS
CODE	4133		1:20	18772	—				
TITLE				DRAWING NO.					
ARRANGEMENT FOR LOADING OF STATOR				2-139-38-01070					
				SHEET NO. 01				NO.OF SHEETS 01	

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INVENTORY NO.
E+1-10787

SIGN & DATE
Jr 23/11/65

REF. DRG. NO.

TECHNICAL REQUIREMENTS

1. DIMENSIONS GIVEN IN BRACKET CORRESPOND TO WELDED ASSEMBLY.
2. ALL SEAMS SHALL BE OF SIZE 10 EXCEPT OTHERWISE.
3. TEST SCOPE OF WELDING AS PER HW-08850 .199 CLASS -3.
4. ITEM 2 & 3 MUST TOUCH TOP PLATE ITEM-1 DURING WELDING.
5. PEDASTAL TO BE MACHINED AFTER FABRICATION AS SHOWN ON DRG.

SYMBOL	SIZE OF SEAM	10 Δ	15 Δ
SEAM LENGTH 'm'	12.5	5.0	
WT. OF DEP. METAL 'kg'	4.0	2.5	
TYPE OF ELECTRODE	E -	7018	

REV.	DATE	ALTERED	REV.	DATE	ALTERED
		CHECKED			CHECKED
ZONE			ZONE		

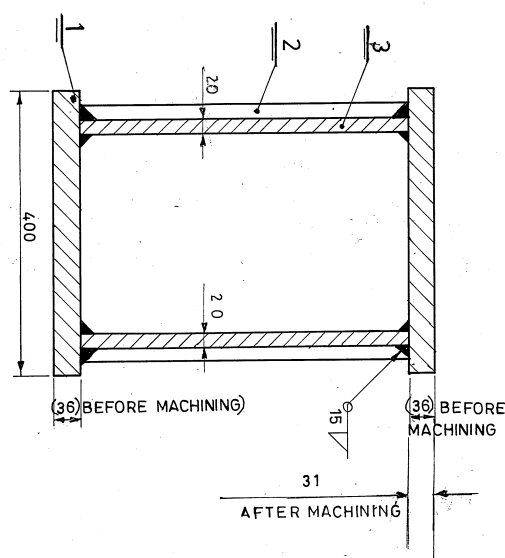
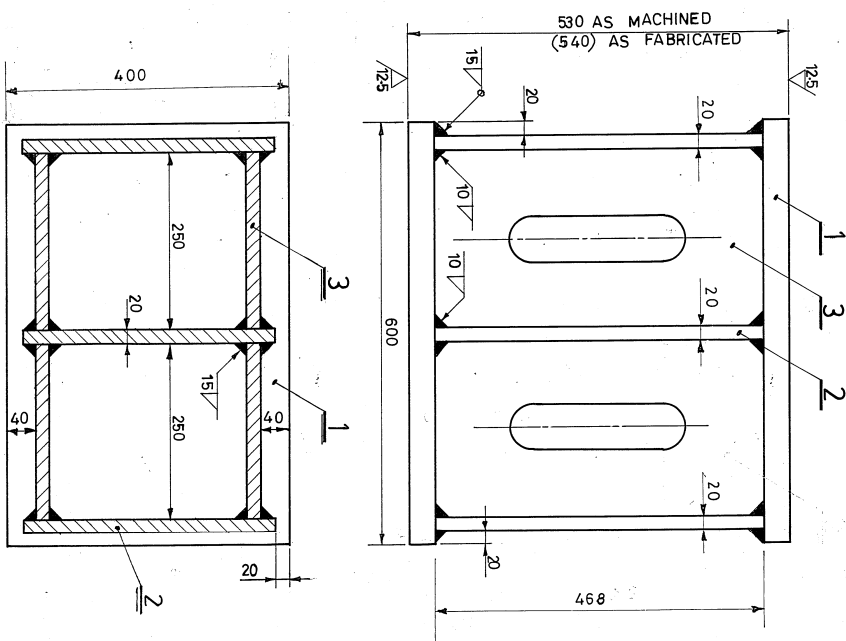
REV.	DATE	ALTERED
		CHECKED
ZONE		

DEPT. TGE. CODE 4233	GRADE OF UNTOLDIM E/M/A		SCALE 1:5	WEIGHT 260
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REF. TO ASSY, DRG.	ITEM NO.
0 -139-38-01022	02

GMS/ST-SPND-	
2-139-38-01042	
AGREED DEPT.	SIGN.
NAME	DATE
WT	P.60YAL
E MT	T PANDAY
	Royal 12.10.8
	Stg 2 June

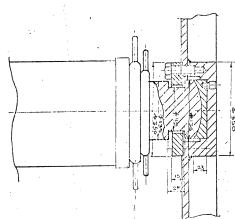
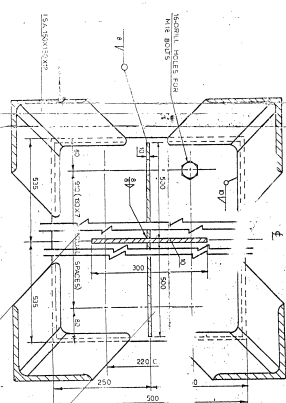
TYPE OF PRODUCT		T G- HW-0500-2	
OR			
NAME OF CUSTOMER / PROJECT			
 BHARTI HEAVY ELECTRICALS LTD. RAIPUR - HARDWAR			
Sl. No.	NAME	SIGNATURE	DATE
1	DR. R. K. GUPTA	10.10.85	
2	K. S. KERRIAH	19.10.85	
3	D. P. CHAWLA	20.10.85	
4	DR. R. K. GUPTA	20.10.85	

[illegible]

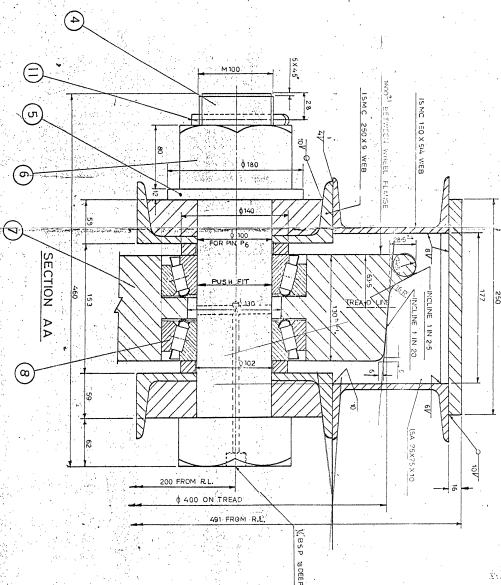
TITLE AUXILIARY PEDASTAL
FOR T.G. PEDESTAL

DRAWING NO. 2-139-38-01042
CARD CODE
SHEET NO. 1
NO. OF SHEETS:- 1

SIZE A2



of 14,194



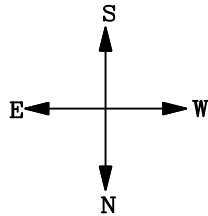
DATE	NAME	GEN ARRGOT OF LOADING / UNLOADING TROLLEY.	SCALE	NO. OFF
DOY			SHIT	SMS
DOY				
CKO				
TD				

FIRST ANGLE PROJECTION

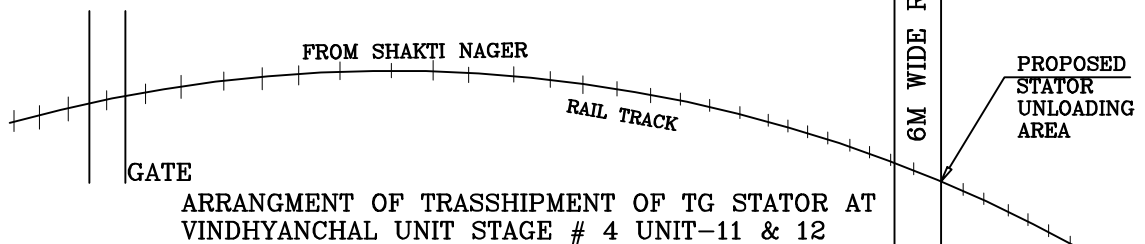
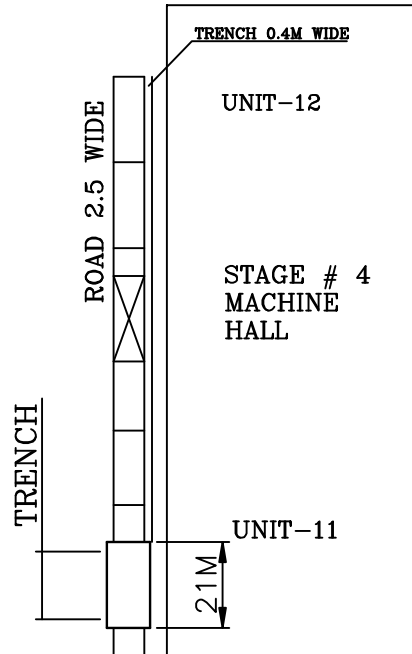
(ALL DIMENSIONS ARE IN mm) FORM DG 39(B)

REV	DATE	ALTERED CHECKED	REV	DATE	ALTERED CHECKED	CBDM No.		STATUS OF DRG	
						AGREED DEPT.	NAME	SIGN	DATE

GRADE OF UNTOL.DIM.M/CGC/M/F.AA0230208 WELDING A/B/C/D AA0621104 GAS CUTTING-T3 AA0621101



DISTANCE FROM
PROPOSED
UNLOADING
AREA TO MACHINE
HALL IS ~2km.



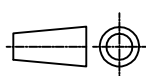
ARRANGMENT OF TRASSHIPMENT OF TG STATOR AT
VINDHYANCHAL UNIT STAGE # 4 UNIT-11 & 12



BHARAT HEAVY ELECTRICALS LTD
HARDWAR

DRN	NAME	SIGN	DATE	NO. OF VAR
CHD	R.L.VYAS	sd/-	18.5.11	
APD	A.K.M			

DEPT. 4133



SCALE
NTS

WEIGHT(Kg)

REF.TO ASSY.DRG.

ITEM
No.No OF
ITEMS

CODE EME

TITLE VINDHYANCHAL
2X500MW UNIT-11&12

DRAWING No.

SHEET No.

No.OF SHEETS

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REF.DRG.No.

SIGN & DATE

INVENTORY No.