

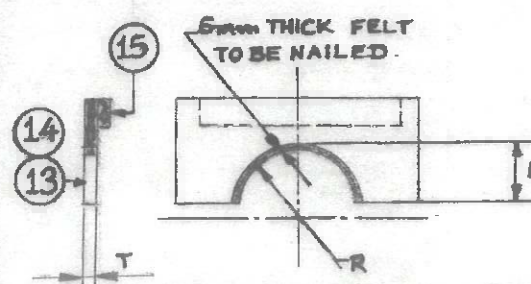
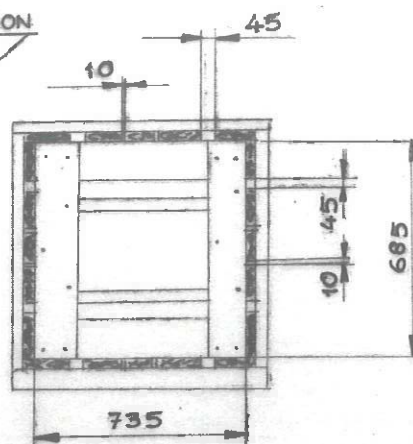
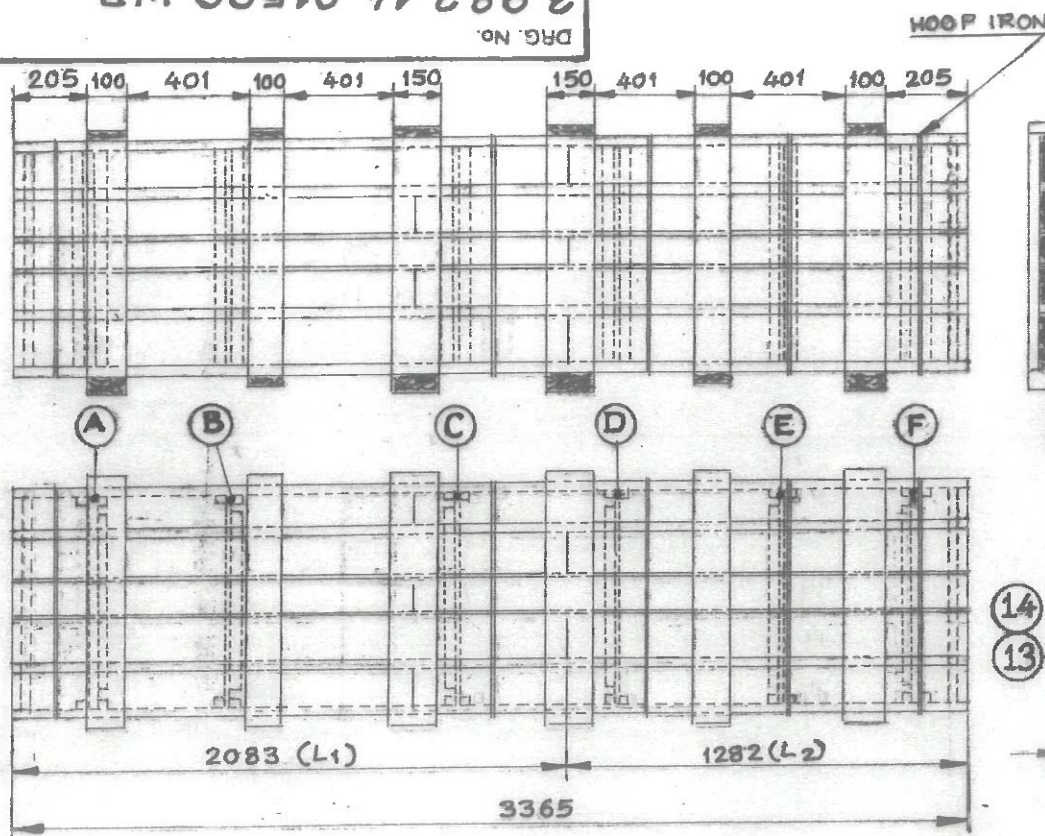
04

3 982 14 01500 WB

DRG. No.

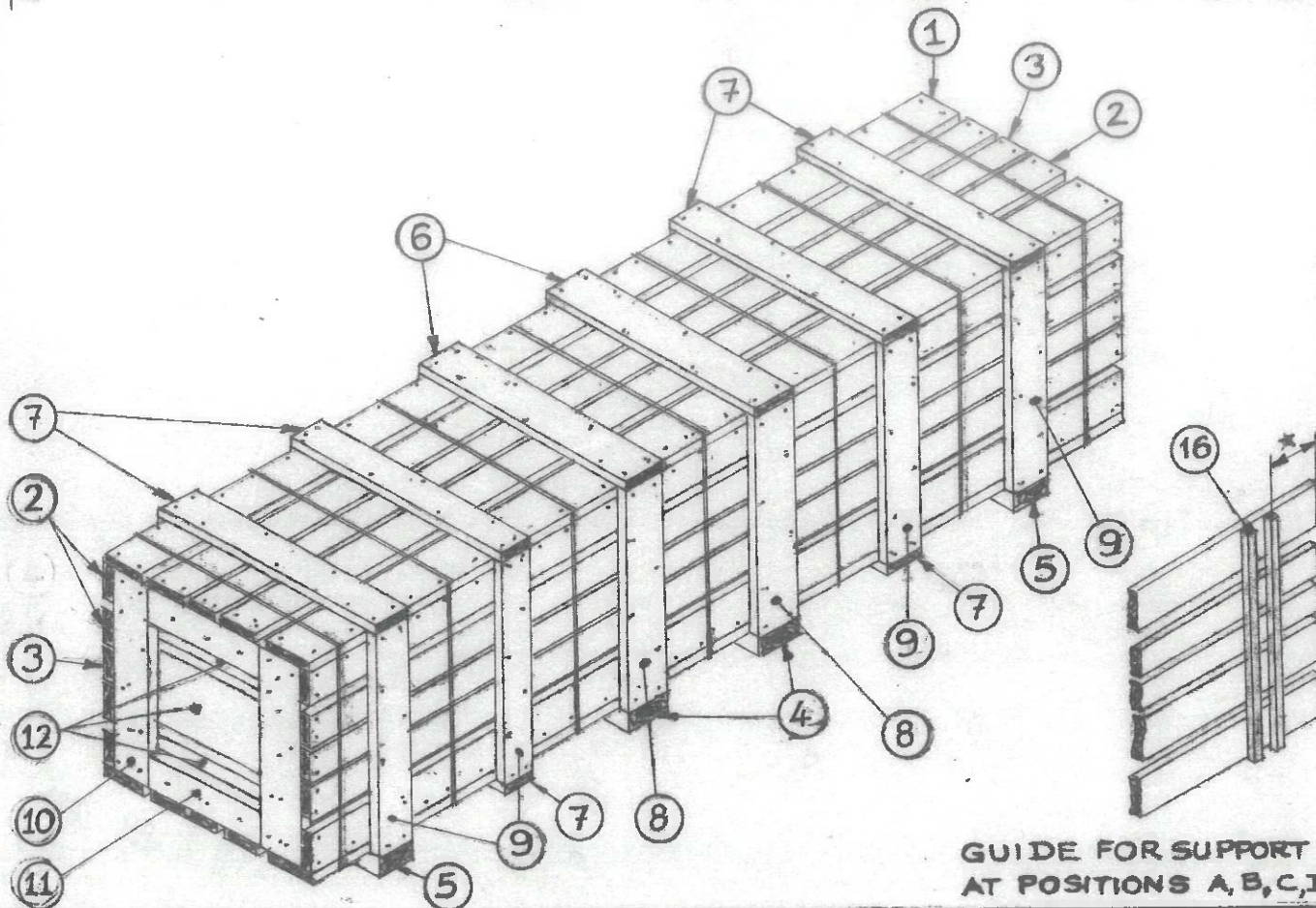
## NOTES:

1. ALL JOINTS SHOULD BE SECURED BY ADEQUATE NUMBER OF WIRE NAILS OF  $\phi 3.15 \times 60$  AND  $\phi 4 \times 100$  AT 50mm THICK BATTEN CONFORMING TO IS: 723-1972.
2. DIMENSIONS INDICATED REFER TO POST SHRINKAGE STAGE. DUE PROVISION FOR SHRINKAGE OF PLANKS SHOULD BE MADE BY THE VENDOR WHILE CUTTING THE SHOOKS.
3. HOOP IRON OF 19mm WIDTH, 26 GAUGE & BLUE FINISH VARIETY TO BE USED.
4. SOFT FELT CONFORMS TO GRADE 64 S NAILS OF IS: 1719-1969.
- \* 5. FIXING OF SUPPORTS AND GUIDE PLANKS AT POSITIONS A, B, C, D, E & F SHOULD BE DECIDED WHILE PACKING THE INSULATOR.
6. INSULATOR TO BE COVERED WITH WHITE FIBRE CLOTH BEFORE PACKING.
7. VOLUME OF WOOD FOR ONE BOX =  $0.3708 \text{ m}^3$  (13.0943 cft)



DETAILS OF SUPPORT PLANKS AT POSITIONS A, B, C, D, E &amp; F

POSITION	R	L	T
A	147	122	25
B	172	147	8
C	198	178	8
D	223	198	8
E	249	224	8
F	264	239	25



GUIDE FOR SUPPORT PLANKS AT POSITIONS A, B, C, D, E &amp; F

ITEM No.	DESCRIPTION	PLANK SIZE (L x W x T)	MATERIAL	QTY
16	GUIDE PLANK	685 x 25 x 25	RUBBER WOOD	24
15	SUPPORT REINFORCEMENT PLANK	680 x 50 x 25	RUBBER WOOD	12
14	SUPPORT PLANK	730 x 317 x 25	RUBBER WOOD	4
13	SUPPORT PLANK	730 x 317 x 8	PLY WOOD	8
12	SIDE PLANK	735 x 200 x 25	RUBBER WOOD	6
11	REINFORCEMENT PLANK	485 x 125 x 25	RUBBER WOOD	4
10	REINFORCEMENT PLANK	685 x 125 x 25	RUBBER WOOD	4
9	BATTEN	735 x 100 x 25	RUBBER WOOD	8
8	BATTEN	735 x 150 x 25	RUBBER WOOD	4
7	BATTEN	835 x 100 x 25	RUBBER WOOD	6
6	BATTEN	835 x 150 x 25	RUBBER WOOD	2
5	BATTEN	835 x 100 x 50	RUBBER WOOD	2
4	BATTEN	835 x 150 x 50	RUBBER WOOD	2
3	STAY PLANK	L2 x 75 x 25	RUBBER WOOD	4 SETS
2	STAY PLANK	L1 x 75 x 25	RUBBER WOOD	12 SETS
1	STAY PLANK	L2 x 125 x 25	RUBBER WOOD	4 SETS
1	STAY PLANK	L1 x 125 x 25	RUBBER WOOD	4 SETS
1	STAY PLANK	L2 x 175 x 25	RUBBER WOOD	4 SETS
NAME OF CUSTOMER: M/S BHEL - BHOPAL				



**BHARAT HEAVY ELECTRICALS LTD.,**  
ELECTROPORCELAINS DIVISION  
BANGALORE-560 012, INDIA.

NAME	SIGN.	DATE
DRN GARR	GARR	5.3.96
CHD. AKS	AKS	7-3-96
APPD. SCS	SCS	8-3-96

DEPT.	GRADE OF TOL. DIM.	SCALE	WEIGHT (kg)	REF. TO ASSY. DRG.	ITEM NO.	NO. OF ITEMS
CODE	G/M/F	NTS	(Approx)			
TITLE: WOODEN BOX				CARD CODE	DRAWING No.	REV.
					3 982 14 01500 WB	04
				SHEET No.	No. OF SHEETS	

1. SQUARE TYPE CROSS SECTIONAL DESIGN IS CHANGED TO RECTANGULAR TYPE.  
2. SUPPORTS AT 7 POSITIONS ARE BROUGHT DOWN TO 6 POSITIONS. CONSEQUENTLY 'R & L' DIMENSIONS IN THE TABLE ALTERED.  
3. VARIETIES OF STAY PLANK IS INCREASED FROM 2 TO 3 VARIETIES.  
4. NOTE ON MATERIAL IS ELIMINATED.  
5. VOLUME OF WOOD WAS  $0.410 \text{ m}^3$  (14.482 cft).  
REF. P.H.No. 3576.

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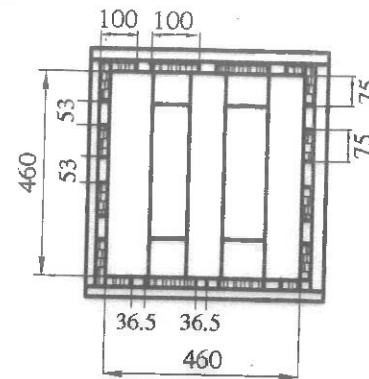
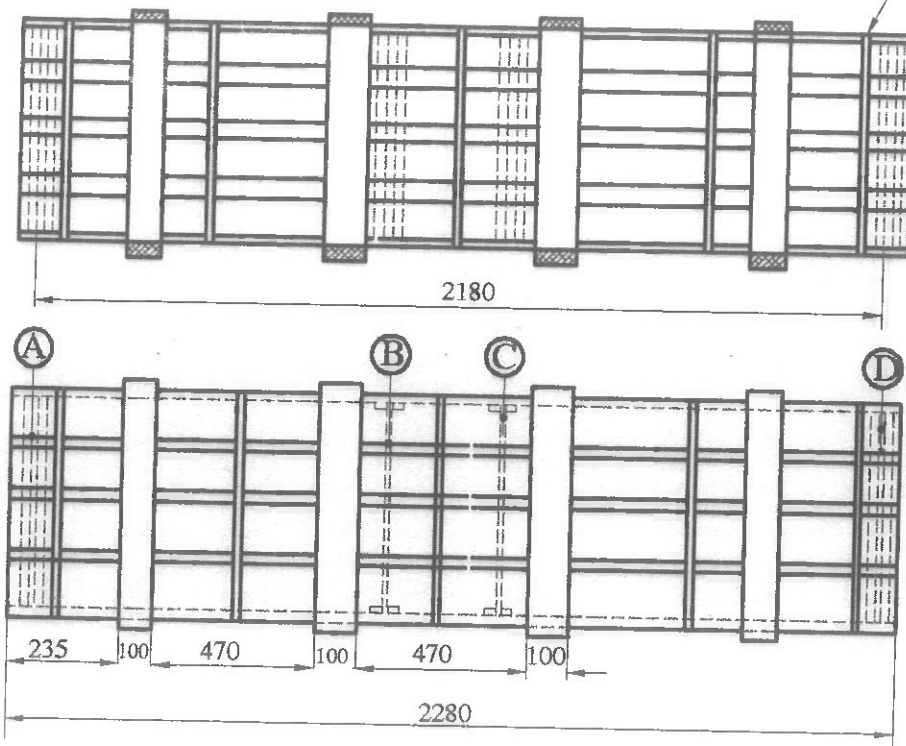


00  
REV

3 982 13 19305 WB

DRG No.

HOOP IRON ★



SUPPORT PLANK	R	L	T
A	94	39	25
B	110	55	8
C	123	68	8
D	147	92	25

## NOTES:

- \*MATERIAL : WOOD AS PER GROUP I OR II OF IS:6662-1993.
- ALL JOINTS SHOULD BE SECURED BY ADEQUATE NUMBER OF WIRE NAILS OF  $\phi 2.8 \times 60$  L CONFORMING TO IS:723-1972.
- DIMENSIONS INDICATED REFER TO POST SHRINKAGE STAGE AND HENCE DUE PROVISION FOR SHRINKAGE OF PLANKS SHOULD BE MADE BY THE VENDOR WHILE CUTTING THE SHOCKS.
- SUPPORT AT POSITION A,B,C, & D, SHOULD BE FIXED TO THE BOX ONLY AT THE TIME OF PACKING THE PORCELAIN INSULATOR IN THE BOX
- ★5. BAND=HOOP IRON 12W 26 GAUGE AND BLUE FINISH
- ENDS SHOULD BE PROVIDED WITH SUITABLE PACKING MATERIAL WHILE PACKING "INSULATOR WITHOUT METAL PART"
- VOLUME OF THE WOOD FOR ONE BOX =  $0.125 \text{ m}^3$  (4.43 ft<sup>3</sup>)  
PLY WOOD REQUIRED 3.42 Sq. ft
- LATERAL MOMENT OF INSULATOR TO BE ARRESTED BEFORE NAILING THE TOP SIDE.

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12	GUIDE PLANK	455 x 25 x 25	* MATERIAL	8
11	SIDE PLANK	460 x 100 x 25	"	4
10	SUPPORT PLANK (A) & (D)	455 x 175 x T	"	4
9	SUPPORT PLANK (B) (C)	455 x 175 x T	PLY WOOD	4
8	BATTEN	510 x 100 x 25	* MATERIAL	8
7	BATTEN	560 x 100 x 25	"	6
6	BATTEN	560 x 100 x 50 (25 x 2)	"	2
5	REINFORCEMENT PLANK	460 x 100 x 25	"	6
4	STAY PLANK	2280x75x25	"	4
3	STAY PLANK	2280x75x25	"	4
2	STAY PLANK	2280x100x25	"	4
1	STAY PLANK	2280x100x25	"	4
ITEM No.	DESCRIPTION	SIZE OF PLANK	MATERIAL	QTY

NAME OF CUSTOMER



**BHARAT HEAVY ELECTRICALS LTD.,**  
ELECTROPORCELAINS DIVISION  
BANGALORE - 560 012

DRN	NAME	SIGN	DATE
CHD	RAJESH	<i>[Signature]</i>	07.08.2010
APPD	S.S.P	<i>[Signature]</i>	10/8/10
	S.S.P	<i>[Signature]</i>	10/8/10

DEPT	GRADE OF TOL DIM C/M/F	SCALE	WEIGHT (kg)	REF TO ASSY.DRG	ITEM No.	No. OF ITEMS
CODE		N.T.S	(Approx)			
TITLE	WOODEN BOX			CARD CODE	DRAWING No.	REV.
					3 982 13 19305 WB	00
					No. OF SHEETS	

SUPERSEDES DRG. No.

SHT.24 SIZE A3 420 x 297

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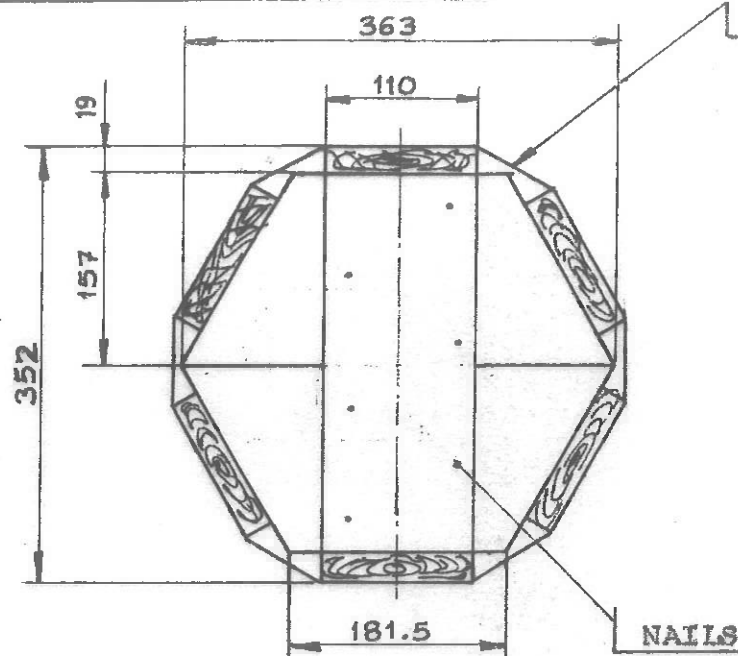
AVM  
SIGN AND DATE  
REF. DRG. No.

REV	DATE	ALTERED	CHECKED	REV	DATE	ALTERED	CHECKED	REV	DATE	ALTERED	CHECKED

GUIDE FOR SUPPORT PLANK  
AT POSITION A,B,C, & D

DETAILS OF SUPPORT  
AT POSITION A,B,C, & D

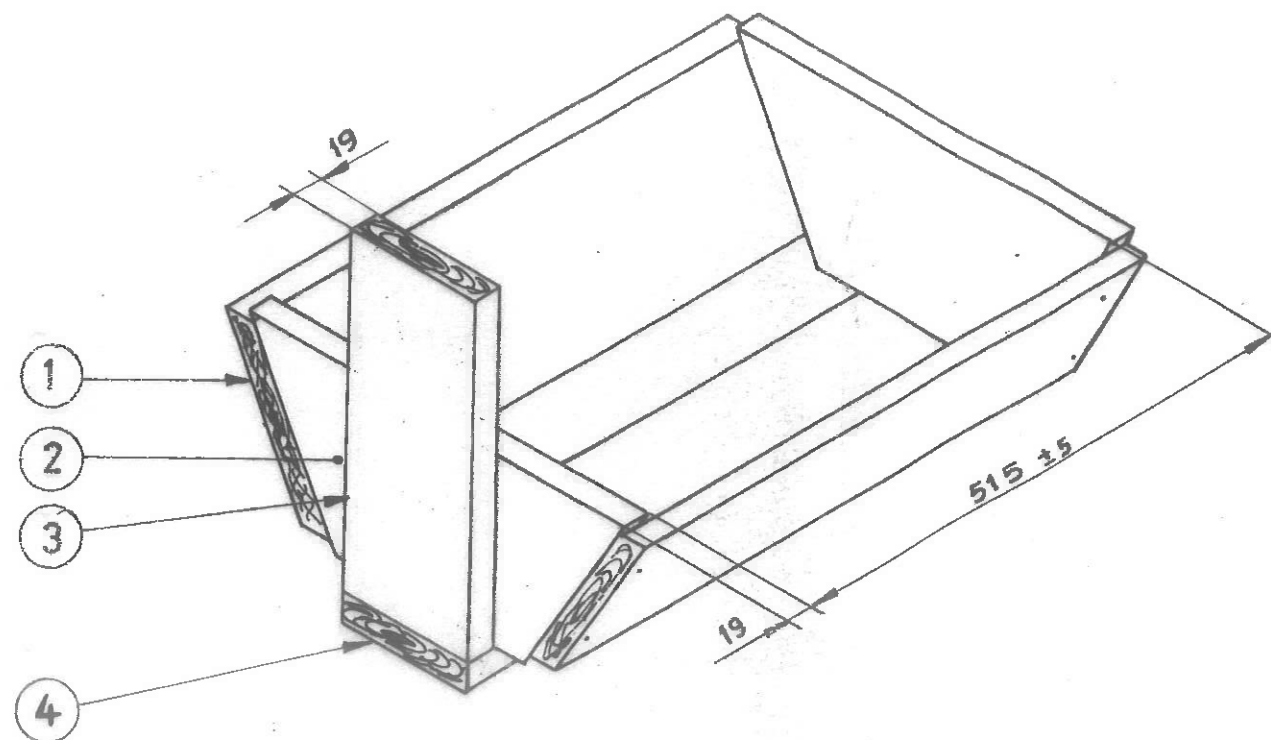
REV. 00  
DRG. NO. 3 982 07 06205WC



ASSEMBLED END VIEW  
OF TWO HALVES OF A CRATE

NOTES

1. MATERIAL : RUBBER WOOD \*
2. ALL JOINTS SHOULD BE SECURED BY ADEQUATE NUMBER OF WIRE NAILS (2.5mm DIA x 50mm LONG) CONFORMING TO IS:723-1972 EXCEPTING THAT THE TOP HALF OF THE BATTEN TO BE NAILED WITH 2mm DIA x 30mm LONG NAILS
3. DIMENSIONS INDICATED REFER TO POST SHRINKAGE STAGE AND HENCE DUE PROVISION FOR SHRINKAGE OF PLANKS SHOULD BE MADE BY THE VENDOR WHILE CUTTING THE SHOOKS
4. ONE INSULATOR TO BE PACKED IN ONE CRATE
5. VOLUME OF WOOD REQUIRED FOR ONE CRATE =  $0.0116m^3$  ( $0.4095ft^3$ )
6. CRATE SHOULD CONFORM TO IS:3071-1981 IN GENERAL



ISOMETRIC VIEW OF  
ONE HALF OF A CRATE

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4	STAY PLANK	591 x 110 x 19	AS PER NOTE No.1	2
3	BATTEN	314 x 110 x 19	"	2
2	END PLANK	-	"	4
1	STAY PLANK	553 x 110 x 19	"	4
ITEM No.	DESCRIPTION	SIZE	MATERIAL	QTY

NAME OF CUSTOMER/PROJECT



BHARAT HEAVY ELECTRICALS LTD.,  
ELECTROPORCELAINS DIVISION  
BANGALORE-560012

	NAME	SIGN.	DATE	No. OF VAR
DRN.	GARR	GARR	3.2.92	
CHD.	ML	T.J. Deela	3.2.92	
APPD.	SC Sd. Chandra Sekh		3.2.92	

DEPT.	GRADE OF TOL. DIM.	SCALE	WEIGHT (kg)	REF. TO ASSY. DRG.	ITEM No.	No. OF ITEMS
CODE	C/M/F	NTS	(APPROX)			
TITLE				DRAWING No.		REV.
WOODEN CRATE				3 982 07 06205WC		00
SHEET No.				NO. OF SHEETS		