

REFER DRG. NO. 44731550201

SHEET 01 OF 04

BHARAT HEAVY ELECTRICALS LIMITED, JHANSI

WORK ORDER No. : 72080A10700

CUSTOMER:- UPRVUNL PANKI.

ENCLOSURE ASSEMBLY TO DRG. No. 04991550013/11

S. No. 01 :

DIMENSIONS FOR ASSEMBLY, Var. 00

A = 2730 B = 1580 F = 2600 F1 = 700 G = 1450 H = 2270
H9 = 2250 J3 = 535 K3 = 535 P13 = 250 P14 = 125 U = 460
V = 1160 A21 = 150 PP = 230

- **NOTES:-** 1. S.S. WIREMESH OF SIZE 1 MM. DIA & 2 X 2 HOLES IS REQUIRED.
2. 2-SLOTS & 4 HOLES OF DIA 18 ARE REQD. FOR L.V.N. GROUNDING ARRGT.
AS SHOWN IN OGA DRG. NO. 34730052346/01.

S. No. 02 :

DIMENSIONS FOR ENCL. FRAME ASSY. (REFER TO DRG. NO.14991550011/14)

F6 = 700 F7 = 635 F9 = 2588 F16 = 525 F18 = 2500 G8 = 1433 G10 = 1438
G13 = 537 G14 = 364 H5 = 2403 H7 = 400 H10 = 230 N14 = 8 N15 = 1
N16 = 22 P7 = 145 P8 = 1160 P16 = 00 R7 = 160 R8 = 160 R14 = 150

- **NOTE:-** 1. IT. 009 TO BE 1050 LG. (950+100) AND IT. 025 TO BE 2.5 DIA. PERFORATED.
2. WELD ADDITIONAL 'T' SECTION CENTRALLY ON LV SIDE AS PER SHT.03 OF 04.

S. No. 03 :

DIMS FOR LOUVER PLATES, VAR.01 (REFER TO DRG. NO. 24991550051/04)

F26 = 1260 F31 = 655 F34 = 2520 H16 = 1740 (CUT TO SUIT) H19 = 420 H26 = 840
N6 = 4 N7 = 8 N8 = 4 P9 = 640 P10 = 660 P11 = 165

- **NOTES:-** 1. IN ITEMS 001 & 002 PROVIDE ADDITIONAL 5 ROWS OF LOUVERS AS PER ANNEXURE SHT. 03 OF 04.
2. ALL THE LOUVERS TO BE KEPT IN THE SAME LINE FOR GOOD APPEARANCE.
3. IN ITEM 006 PROVIDE 3 COLUMNS OF LOUVERS IN PLACE OF 2 COLUMNS.
FLAME CUT SIZE TO BE 190 X 640 LG.
4. LV SIDE OPENING OF 400X1100 TO BE BLANKED WITH 2MM TK. SHT PROVIDING LOUVERS AS PER SHT. 03 OF 04.

S. No. 04:

DIMENSIONS FOR RAIN SHADE ASSY., (REFER TO DRG. NO. 24991550059/00)

A = 2730 A4 = 470 A6 = 400 A21 = 150 D = 28 F6 = 700 G14 = 364
G16 = 00 B = 1580 B4 = 1720

- **NOTE:-** 1. USE IT. 001 TO 003.
2. PROVIDE LV DUCT OPENING AND MTG. AS PER SHT. 03 OF 04.

S. No. 05 :

DIMENSIONS FOR DOOR ASSEMBLY , (REFER TO DRG. NO. 14991550013/12)

C1 = 1308 C2 = 667 C3 = 653 C4 = 713 C5 = 587
C6 = 6988 C7 = 287 D1 = 2200 D2 = 2156 D3 = 2160
D4 = 2206 D6 = 2080 D7 = 2224 D9 = 2156 H = 2270

- **NOTES:-** 1. PAD LOCK ARRGT. SHALL BE ARRANGED BY BHEL.
2. USE ARRGT. 'A' FOR DOOR MOUNTING.
3. DOOR GASKET TO BE LOCKED BY STEEL CLIP TO DRG. 44731550022
QTY. 020 NOS/TRFR..
4. FOR LIMIT SWITCH MTG. PAD REFER SHT. 03 OF 04.

S. No. 06 :

DIMENSIONS FOR BASE PLATE ASSY., (Refer to Drg. No. 24991550039/10)

J =2580 J1 =210 J2 =2100 J3 =535 J4=2480 J5= 215
K =1430 K1 =230 K2 = 920 K3 =535 K6= 800 K8= 230
N21= 10 N22= 4 N23= 36 G14=364 G16=00 J10= 10
ROLLER DIA = 200 M =410 N =650 P =545

****NOTE:-** 1. FOR DIMNS. F,G,SEE S.NO. 01.

2. USE 2.5 DIA PERFORATED SHT.

S. NO. 07:- H.V. CABLE BOX USE DRG. NO. 24730650031/01, VAR.00

S. No. 08:- FOR L.V. DUCT USE DRG. NO. 14991550007/03, VAR.00 SUPPLY 1MM. TK. BLANKING PLATE WITH HANDLES FOR L.V. DUCT.

****NOTES:-**1. Process for Painting of Ferrous Surfaces Shall Be As Follows:-

(a). For Synthetic Enamel Paint – JS 0674198 REV 03.

(b). For Epoxy Paint – JS 0674199 Rev. 03.

For type of paint, enamel or epoxy and shade no. Refer oga and detail & notes drg.

2. Tolerance on base plate thickness is allowed upto $\pm 5\%$.

3. Tolerance on base plate flatness is allowed upto ± 2 mm.

4. Supplier should discuss with designer before manufacturing in case of doubt during manufacturing.

5. All fittings are to be checked as per O.G.A. drawing No.: 34730052346/01 at fab. ends.

6. Total Weight of Encl :845 Kg. Approx. Including weight of HV C/BOX & LV DUCT Weight of ss pad:- 1.66kg.(approx).

7. Use 2 tk. sheet only. WT. OF SS WIREMESH-19 KG.

8. M. Box & Inter Lock Shall Be mounted at BHEL works but drilling to be Done as per drg. No.44991550035/01(note-3)

9. switch board mtg. & Junction Box are not required.

****NOTE : Fabricator is advised to get clearance from TRE before painting.**

REFERENCE DRGS.

SL. NOS.	DRG. NOS.	TITLE
01	04991550013/11	TRFR. ENCLOSURE ASSY. & FITTINGS ON ENCL
02	14991550013/12	DOOR ASSY. AND DETAILS
03	34991550021/01	NOTES FOR DOOR ASSY.
04	14991550011/14	ENCLOSURE FRAME ASSY.
05	34991550014/03	NOTES FOR ENCLOSURE FRAME ASSY.
06	24991550059/00	RAIN SHADE ASSY. AND DETAILS.
07	24991550051/04	DETAILS OF ENCLOSURE LOUVER PLATES.
08	24991550039/10	ENCLOSURE BASE PLATE ASSY.
09	44991550014/01	LOUVER CUTTING DETAILS.
10	34991550003/06	LIMIT SWITCH MOUNTING ASSY.
11	14991550007/04	LV DUCT
12	24731950179/02	LOCKING ARRGT. FOR DOOR.
13	34730052346/01	OGA
14	34730052347/00	LIST OF FITTINGS FOR OGA
15	34730052348/00	DETAIL AND NOTES FOR OGA.
16	34991550024/04	INSPECTION COVER FOR TAPPINGS.
17	44731550010/01	WIRE MESH MOUNTING ARRGT.
18	44991550018/05	EARTHING ARRGT. FOR DOOR AND WINDOW
19	44991550035/01	DRILLING FOR M. BOX & INTER LOCK
20	24730650031/01	H.V. CABLE BOX

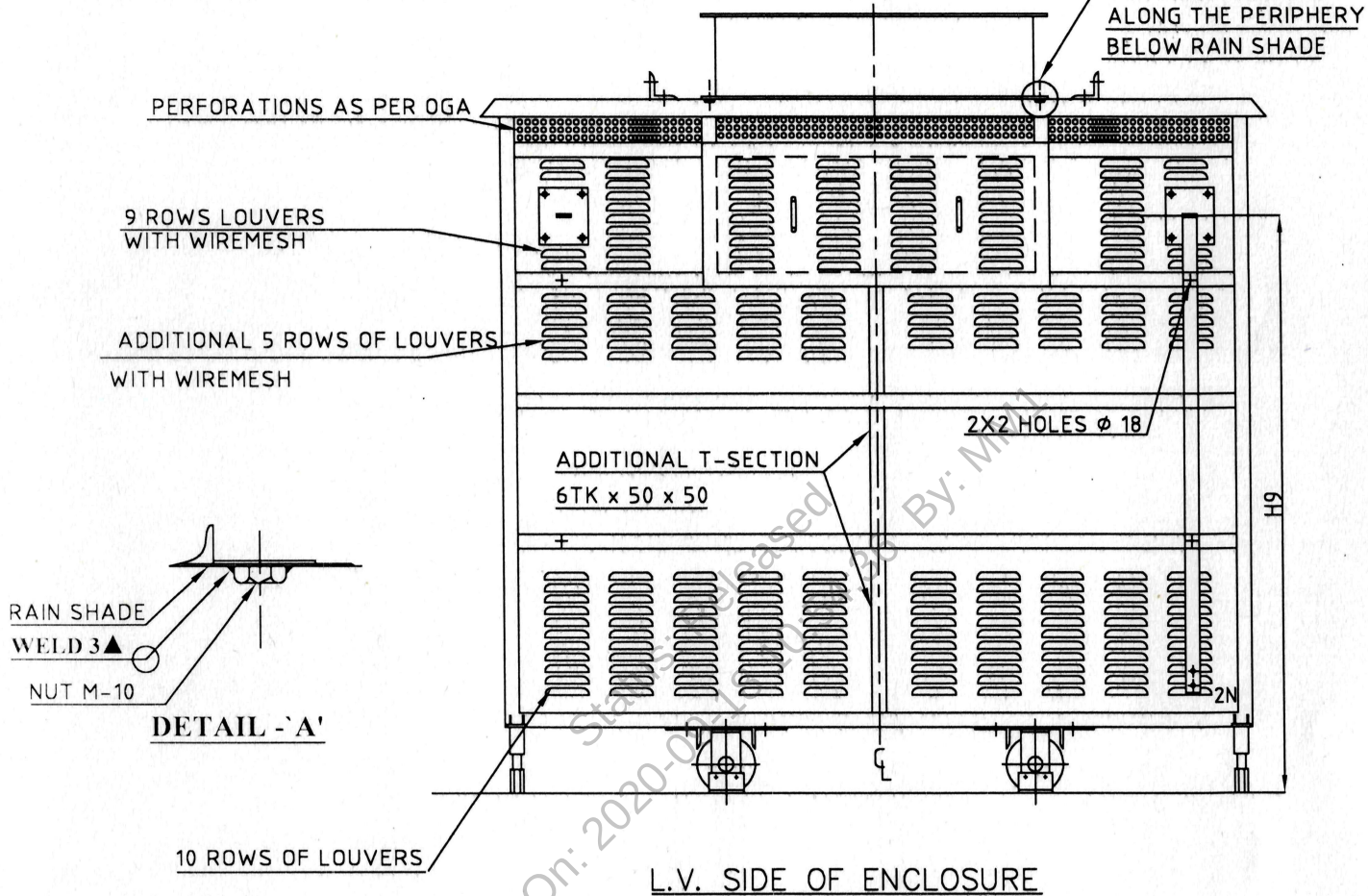
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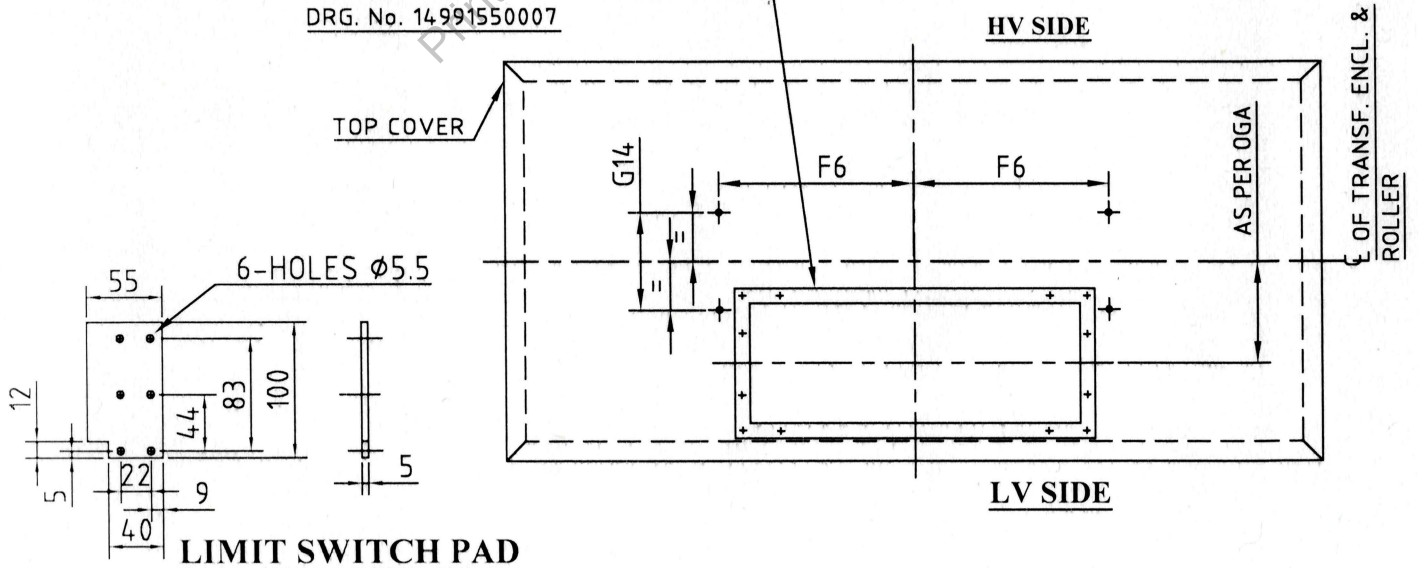
W.O. NO. :- 72080A10700

CUSTOMER:- M/S :- UPRVUNL PANKI

SEE DETAIL - 'A'
NUT TO BE WELDED
ALONG THE PERIPHERY
BELOW RAIN SHADE



LV DUCT OPENING & MOUNTING AS PER
DRG. No. 14-991550007



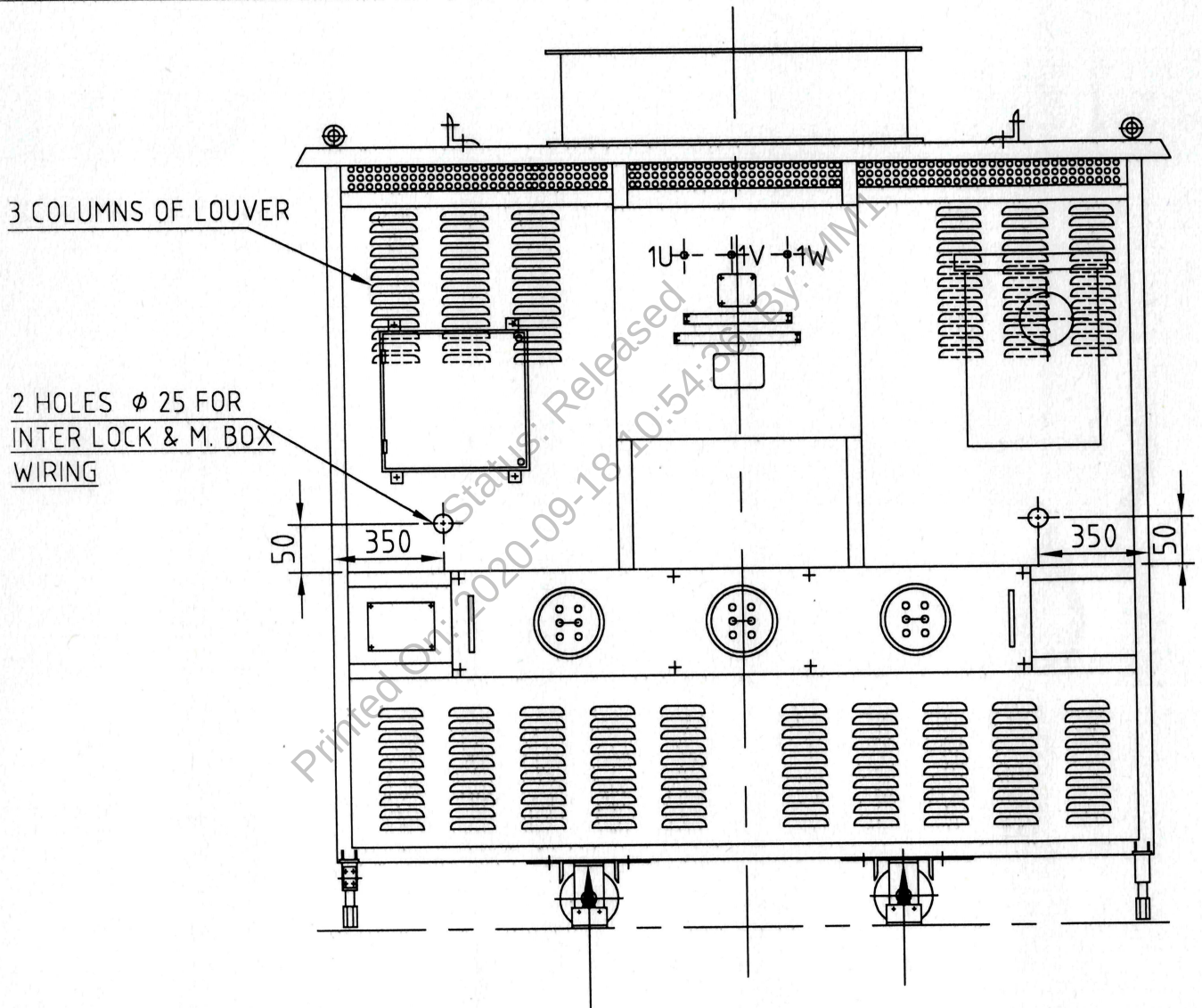
NOTE: -
TOP LV DUCT TO BE BLANKED AT ONE SIDE ONLY

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H.V. SIDE OF ENCLOSURE