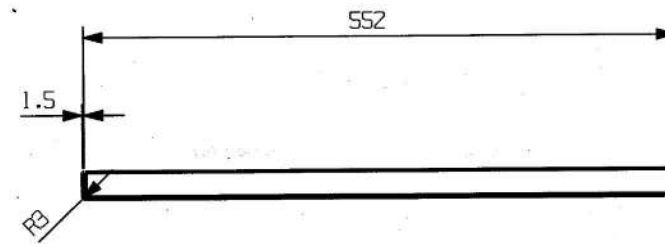
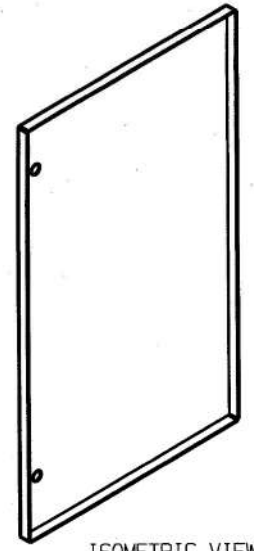
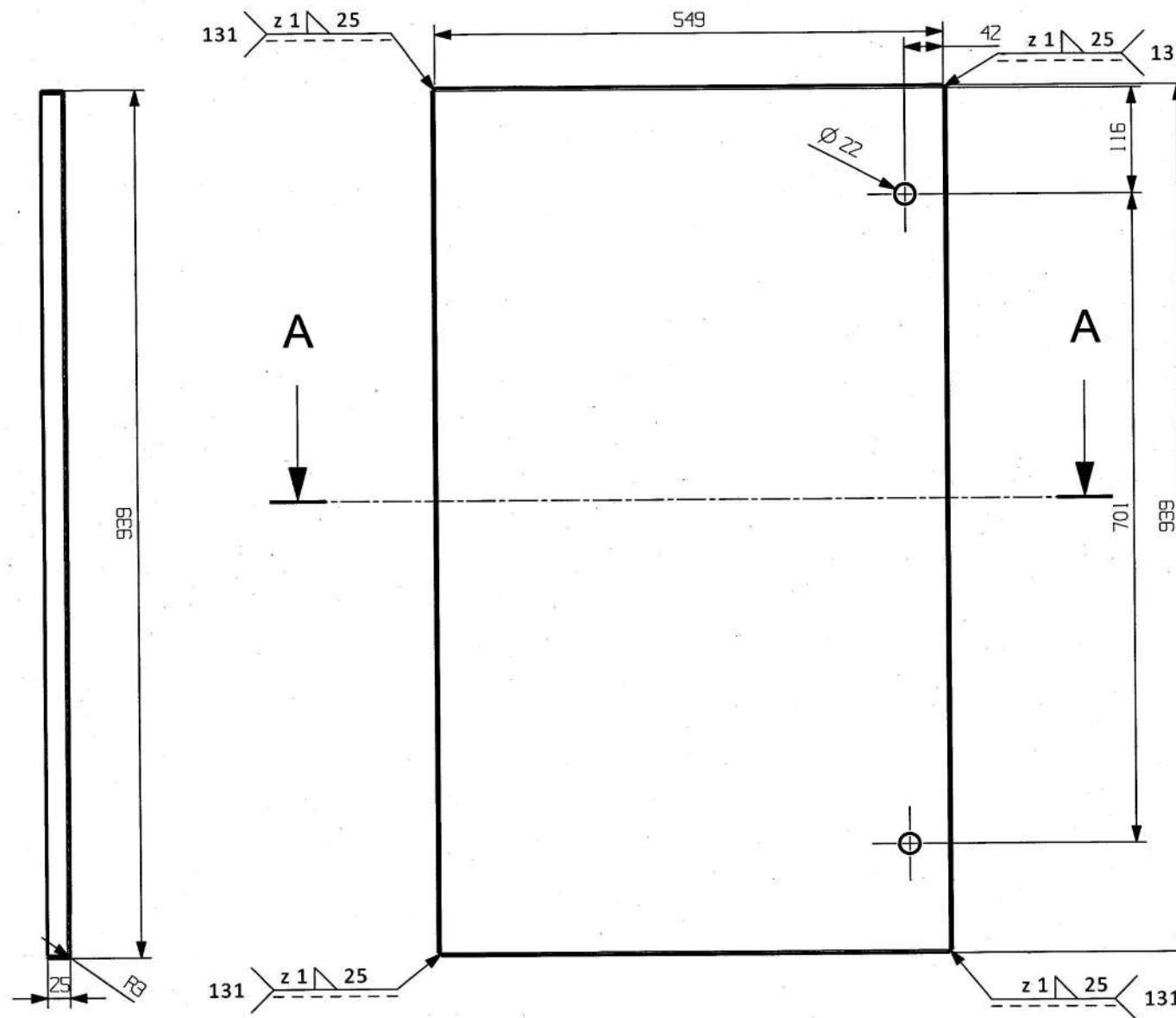




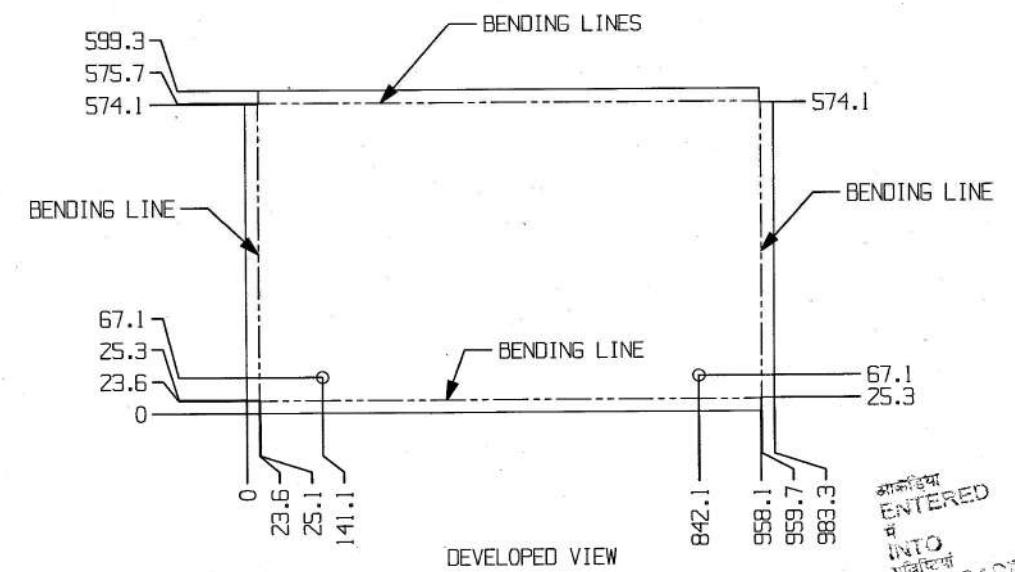
| ALT.NO | ALT.DATE | ZONE | ALTERATIONS | AUTHORITY |
|--------|----------|------|-------------|-----------|
| NIL    | NIL      | NIL  | NIL         | NIL       |




SECTION A-A



ISOMETRIC VIEW



ENTERED  
INTO  
DATA BASE  
14 OCT 2022

|                          |  |                           |                          |                                |         |                                |  |               |   |         |         |     |           |                   |    |  |
|--------------------------|--|---------------------------|--------------------------|--------------------------------|---------|--------------------------------|--|---------------|---|---------|---------|-----|-----------|-------------------|----|--|
| NIL                      |  | FRONT COVER (1.5X599X983) |                          | NIL                            | NIL     | IS:6911-1992<br>GR-X04Cr 19Ni9 |  | AISI-304      |   |         |         |     |           |                   |    |  |
| WELD LENGTH              |  | ITEM                      | DESCRIPTION & DIMENSIONS |                                | OPASSLY | DETAIL DRG                     |  | MATL. & SPEC. |   | REMARKS |         |     |           |                   |    |  |
| NIL                      |  | M                         | GROUP                    |                                |         | SUPERSEDES: <b>NIL</b>         |  |               |   |         |         |     |           |                   |    |  |
| WEIGHT                   |  | FILE                      | <b>LA64214.prt (3D)</b>  |                                |         |                                |  |               |   |         |         |     |           |                   |    |  |
| 6.900                    |  | KG                        |                          | FRONT COVER                    |         |                                |  |               | SCALE   |         | SSE/REC |     | Jm/1/1/22 |                   |    |  |
| S.AREA                   |  |                           |                          |                                |         |                                |  |               | 1:5   |         | CHD     |     | SHAK      |                   | Jm |  |
| NIL                      |  | M <sup>2</sup>            |                          |                                |         |                                |  |               |  |         | DRN     |     | AKSH      |                   | Jm |  |
| <del>LENGTH / DIA</del>  |  |                           |                          |                                |         |                                |  |               |   |         |         |     |           |                   |    |  |
| NIL                      |  | M                         |                          | RAIL COACH FACTORY, KAPURTHALA |         |                                |  |               | REF.DRG.No.   |         | NIL     |     |           |                   |    |  |
| <del>WIDTH / THICK</del> |  |                           |                          | रेल कोच फैक्टरी कपूरथला        |         |                                |  |               | IRS   |         | PL NO.  |     | NIL       |                   |    |  |
| NIL                      |  | M                         |                          |                                |         |                                |  |               |   |         | DRG.NO. |     | LA64214   |                   |    |  |
| HEIGHT                   |  |                           |                          |                                |         |                                |  |               |   |         |         |     |           |                   |    |  |
| NIL                      |  | M                         |                          | ADE/SME                        |         | DY.CME                         |  | CDE           |   | ALT.    |         | NIL |           | SIZE A2 SHEET 1/1 |    |  |

THIS DRAWING IS THE INTELLECTUAL PROPERTY OF RAIL COACH FACTORY, KAPURTHALA. THIS DRAWING SHOULD NOT BE REPRODUCED, ALTERED, USED FOR MANUFACTURING OF COMPONENTS OR FOR TRANSFERRED WITHOUT PERMISSION FROM CHIEF DESIGN ENGINEER, RAIL COACH FACTORY, KAPURTHALA.

DETAIL DRGS STARTING WITH "LI" ARE INTERNAL REFERENCE LISTS ONLY AND ARE NOT FOR ISSUE

ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER THIS DRAWING INVALID.

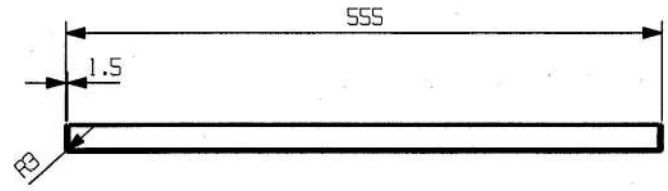
FOR UNTOLERANCED DIMENSIONS REFER MDG0008

DATE OF FIRST ISSUE

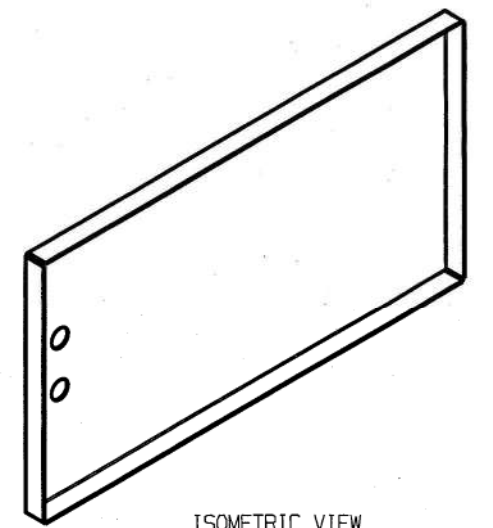
13/09/2022

CGM BY

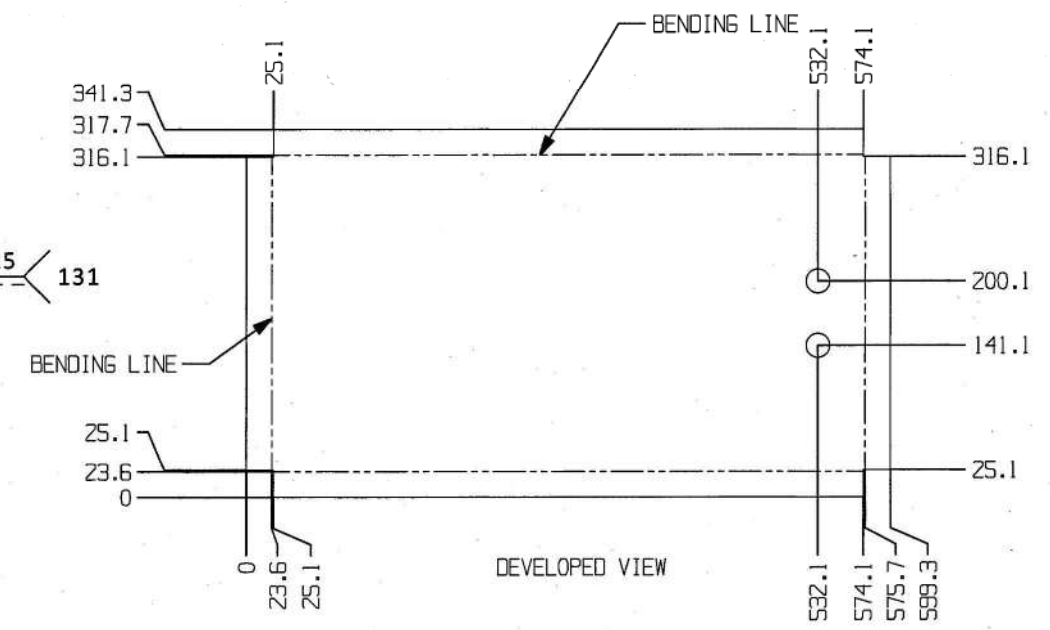
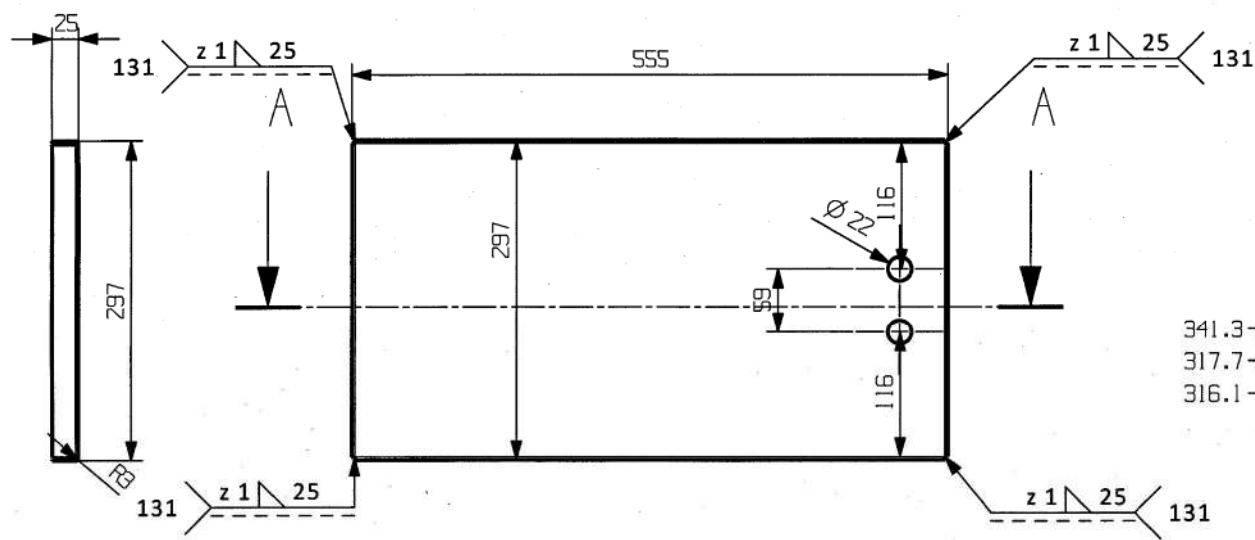
| ALT.NO | ALT.DATE | ZONE | ALTERATIONS | AUTHORITY |
|--------|----------|------|-------------|-----------|
| NIL    | NIL      | NIL  | NIL         | NIL       |



SECTION A-A



ISOMETRIC VIEW



DEVELOPED VIEW

आकडिया  
ENTERED  
मे  
INTO  
प्रविष्टि  
DATA BASE  
14 OCT 2022

THIS DRAWING IS THE INTELLECTUAL PROPERTY OF RAIL COACH FACTORY, KAPURTHALA.  
THIS DRAWING SHOULD NOT BE REPRODUCED, ALTERED, USED FOR MANUFACTURING OF  
COMPONENTS, SOLD OR TRANSFERRED WITHOUT PERMISSION FROM CHIEF DESIGN ENGINEER,  
RAIL COACH FACTORY, KAPURTHALA.

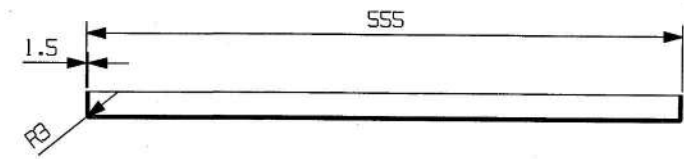
|               |  |                           |                          |                                |                 |                                |  |               |             |         |                 |     |           |         |      |           |  |
|---------------|--|---------------------------|--------------------------|--------------------------------|-----------------|--------------------------------|--|---------------|-------------|---------|-----------------|-----|-----------|---------|------|-----------|--|
| NIL           |  | FRONT COVER (1.5X341X599) |                          | NIL                            | NIL             | IS:6911-1992<br>GR-X04Cr 19Ni9 |  | AISI-304      |             |         |                 |     |           |         |      |           |  |
| WELD LENGTH   |  | ITEM                      | DESCRIPTION & DIMENSIONS |                                | OPASSLY         | DETAIL DRG                     |  | MATL. & SPEC. |             | REMARKS |                 |     |           |         |      |           |  |
| NIL           |  | M                         | GROUP                    |                                | SUPERSEDES: NIL |                                |  |               |             |         |                 |     |           |         |      |           |  |
| WEIGHT        |  | FILE                      |                          | LA64215.prt (3D)               |                 |                                |  |               |             |         |                 |     |           |         |      |           |  |
| 2.380         |  | KG                        |                          | FRONT COVER                    |                 |                                |  |               | SCALE       |         | SSE/REC         |     | Aut 10/22 |         |      |           |  |
| S. AREA       |  |                           |                          |                                |                 |                                |  |               | 1:5         |         | CHD             |     |           |         | SHAK |           |  |
| NIL           |  | M <sup>2</sup>            |                          |                                |                 |                                |  |               |             |         | DRN             |     |           |         | AKSH |           |  |
| LENGTH / DIA  |  |                           |                          |                                |                 |                                |  |               |             |         |                 |     |           |         |      |           |  |
| NIL           |  | M                         |                          | RAIL COACH FACTORY, KAPURTHALA |                 |                                |  |               | REF.DRG.No. |         | NIL             |     |           |         |      |           |  |
| WIDTH / THICK |  |                           |                          | रेल कोच फैक्टरी कपूरथला        |                 |                                |  |               | IRS         |         | PL NO.          |     | NIL       |         |      |           |  |
| NIL           |  | M                         |                          |                                |                 |                                |  |               |             |         | DRG.NO. LA64215 |     |           |         |      |           |  |
| HEIGHT        |  |                           |                          |                                |                 |                                |  |               | N.R         |         |                 |     |           |         |      |           |  |
| NIL           |  | M                         |                          | ADE/SME                        |                 | BY.CME                         |  | CDE           |             | ALT.    |                 | NIL |           | SIZE A2 |      | SHEET 1/1 |  |

DETAIL DRGS STARTING WITH "LI" ARE INTERNAL REFERENCE LISTS ONLY AND ARE NOT FOR ISSUE

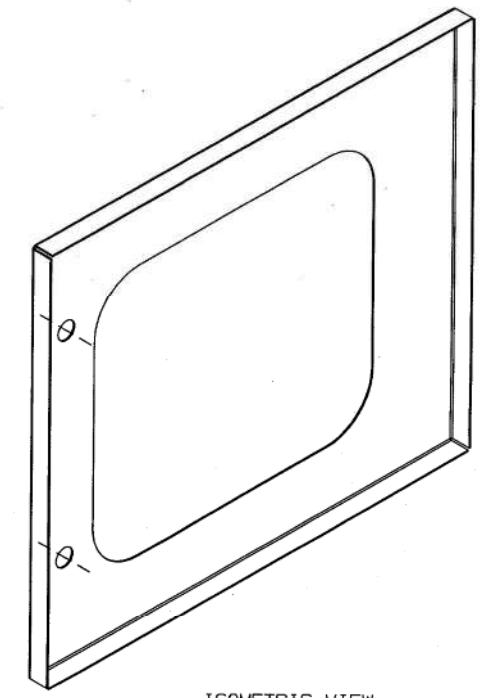
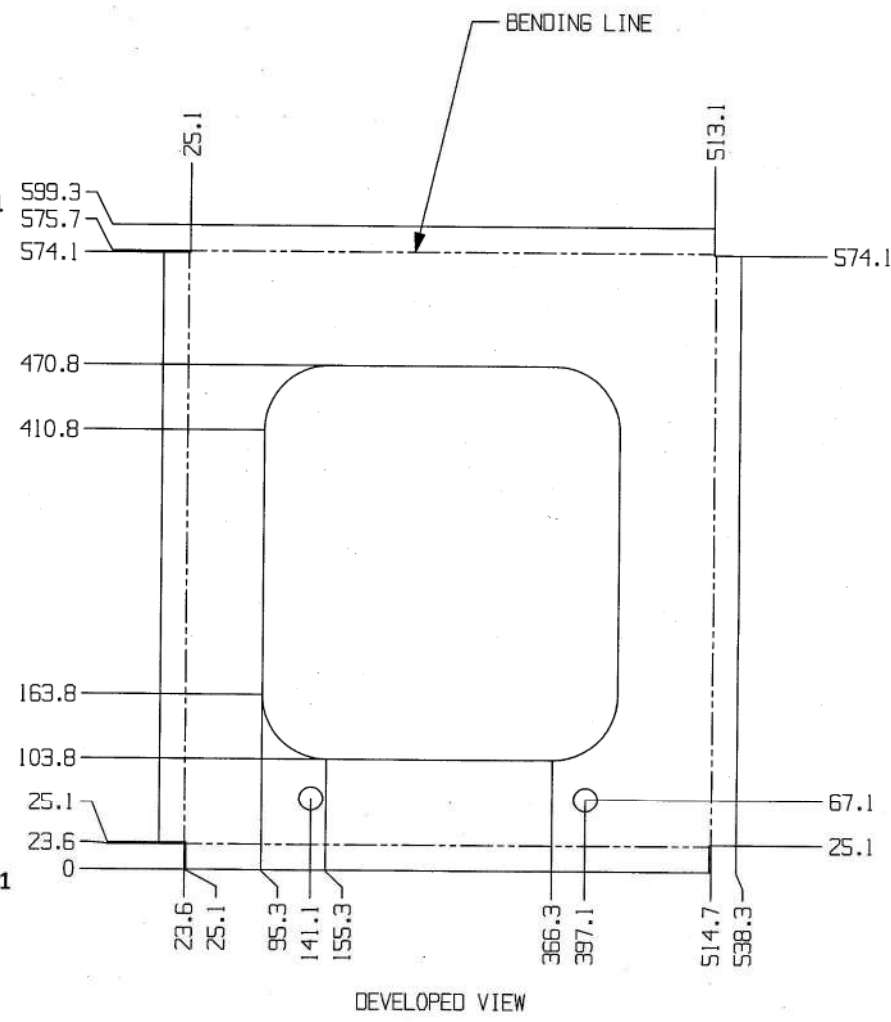
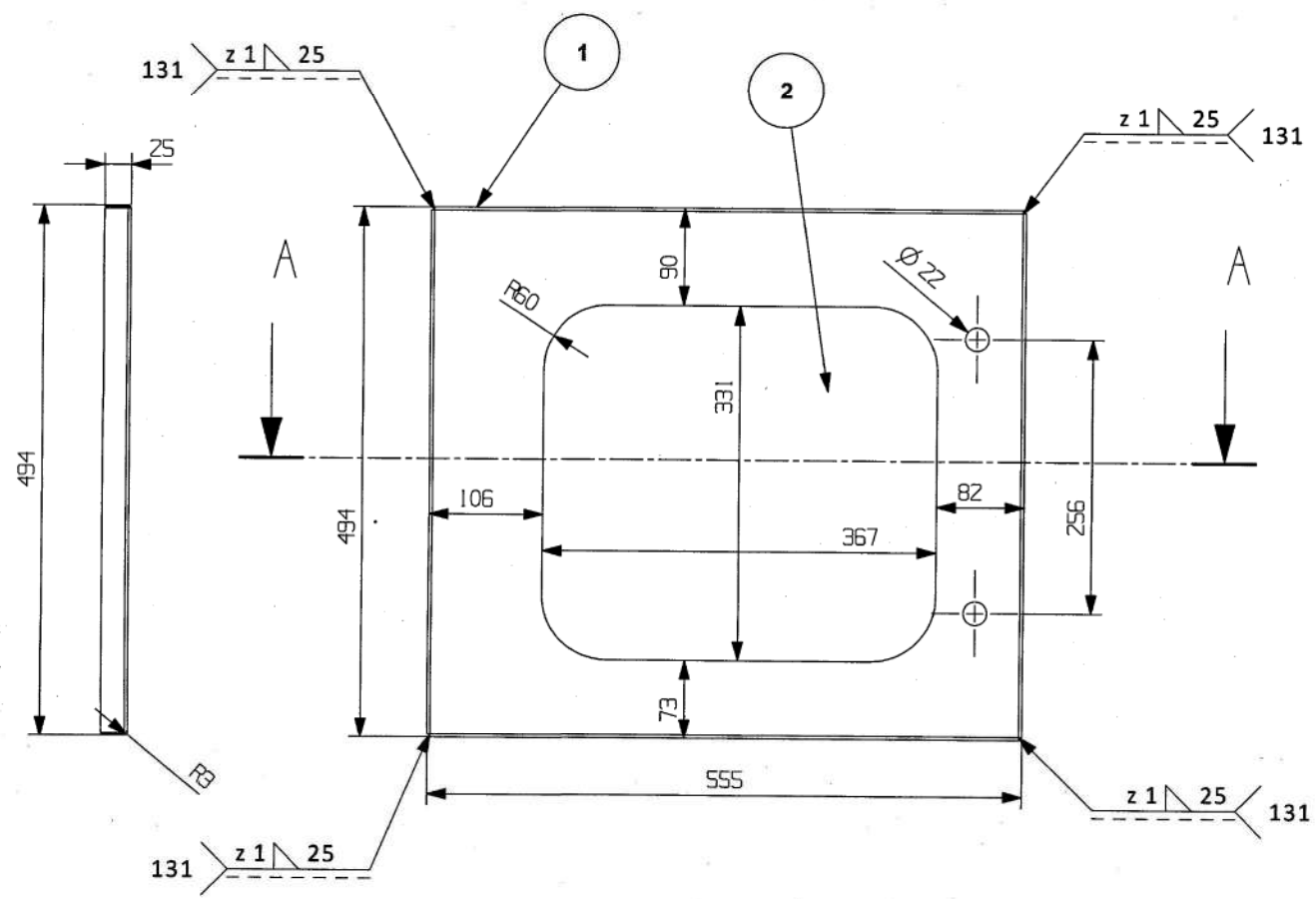
ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER THIS DRAWING INVALID.

|   |                     |            |        |  |
|---|---------------------|------------|--------|--|
| FOR UNTOLERANCED DIMENSIONS REFER MDG0008 | DATE OF FIRST ISSUE | 13/09/2022 | CGM BY |  |
|---|---------------------|------------|--------|--|

| ALT.NO | ALT.DATE   | ZONE | ALTERATIONS     | AUTHORITY |
|--------|------------|------|-----------------|-----------|
| a      | 10/03/2023 | ALL  | DRAWING UPDATED | DY.CME/D2 |



SECTION A-A



ISOMETRIC VIEW

आकृति  
ENTERED  
में  
INTO  
प्रविष्टियां  
DATA BASE

15 MAR 2023

- NOTE:-
- 1.POLYCARBONATE USED SHALL BE FIRE RETARDANT 3MM THICK, SCRATCH FREE AND SHALL BE OF APPROVED MAKE.
  - 2.THE FITMENT ARRANGEMENT FOR THE POLYCARBONATE SHEET TO BE DONE TO SUIT AT SITE.

|                |                         |                                |                             |                                 |               |         |                   |     |      |  |
|----------------|-------------------------|--------------------------------|-----------------------------|---------------------------------|---------------|---------|-------------------|-----|------|--|
| 2              | POLYCARBONATE SHEET     | 1                              | NIL                         | NIL                             | NIL           |         |                   |     |      |  |
| 1              | FRONT COVER             | 1                              | NIL                         | IS: 6911-1992<br>GR-X04Cr 19Ni9 | NIL           |         |                   |     |      |  |
| WELD LENGTH    | ITEM                    | DESCRIPTION & DIMENSIONS       | OPASSLY                     | DETAIL DRG                      | MATL. & SPEC. | REMARKS |                   |     |      |  |
| NIL            | M                       | GROUP                          | SUPERSEDES: LA64216 ALT NIL |                                 |               |         |                   |     |      |  |
| WEIGHT         | FILE                    | LA64216.prt (3D)               |                             |                                 |               |         |                   |     |      |  |
| 2.370          | KG                      | FRONT COVER                    |                             |                                 | SCALE         | SSE/REC | 8/15/03/2023      |     |      |  |
| S.AREA         |                         |                                |                             |                                 | 1:5           | CHD     | SHAK              |     |      |  |
| NIL            | M <sup>2</sup>          |                                |                             |                                 |               |         |                   | DRN | AKSH |  |
| LENGTH / -D+A- |                         |                                |                             |                                 |               |         |                   |     |      |  |
| NIL            | M                       | RAIL COACH FACTORY, KAPURTHALA |                             |                                 | REF.DRG.No.   | NIL     |                   |     |      |  |
| WIDTH / THICK  | रेल कोच फैक्टरी कपूरथला |                                |                             | IRS                             | PL NO.        | NIL     |                   |     |      |  |
| NIL            | M                       |                                |                             |                                 | DRG.NO.       | LA64216 |                   |     |      |  |
| HEIGHT         |                         |                                | N.R                         | CDE                             | ALT.          | a       | SIZE A2 SHEET 1/1 |     |      |  |
| NIL            | M                       | ADE/SME                        |                             |                                 | DY.CME        |         |                   |     |      |  |

DETAIL DRGS STARTING WITH "LI" ARE INTERNAL REFERENCE LISTS ONLY AND ARE NOT FOR ISSUE

ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER THIS DRAWING INVALID.

FOR UNTOLERANCED DIMENSIONS REFER MDG0008

DATE OF FIRST ISSUE 21/09/2022

CGM BY

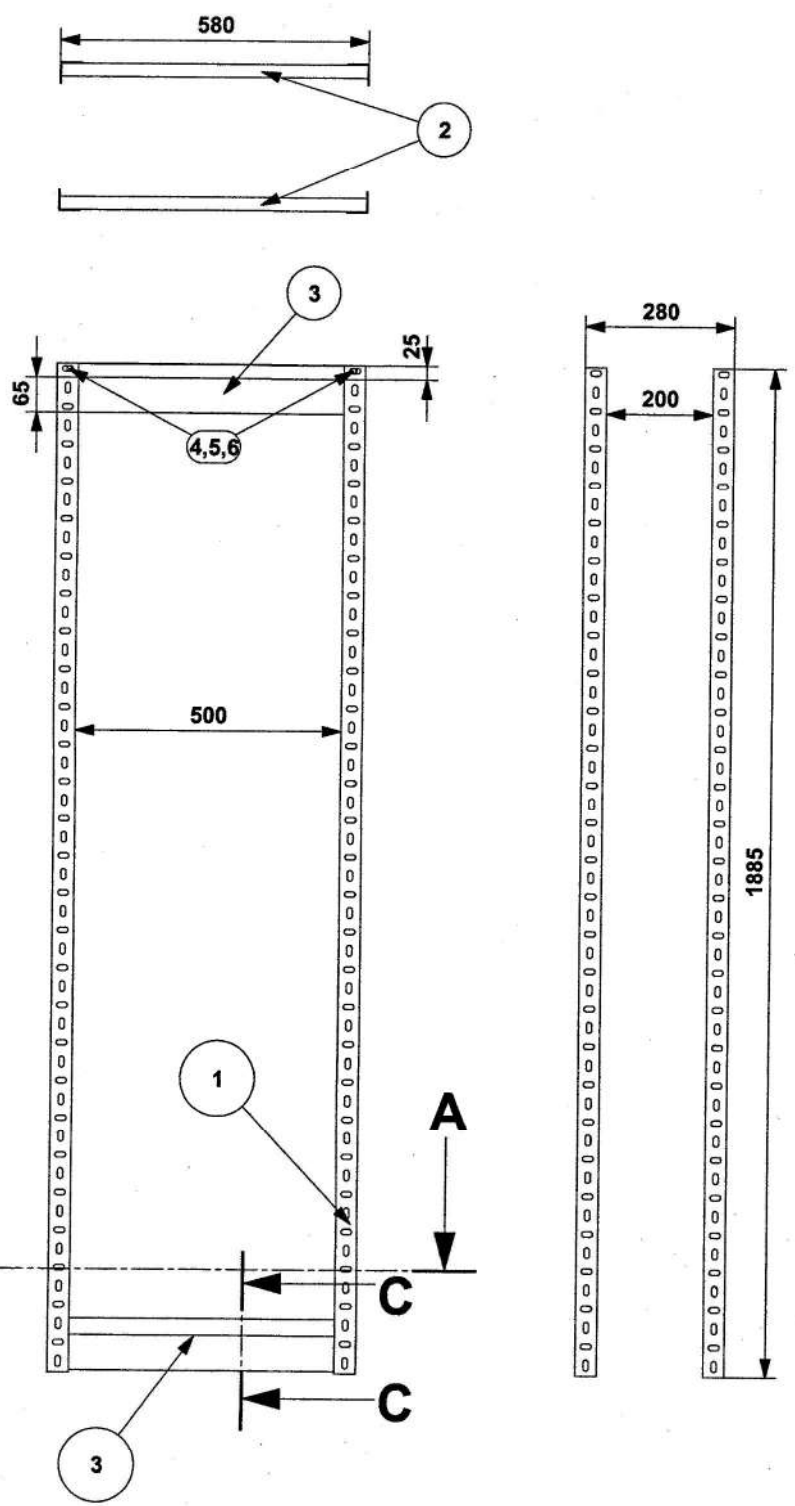
THIS DRAWING IS THE INTELLECTUAL PROPERTY OF RAIL COACH FACTORY, KAPURTHALA. THIS DRAWING SHOULD NOT BE REPRODUCED, ALTERED, USED FOR MANUFACTURING OR COMPONENTS, SOLD OR TRANSFERRED WITHOUT PERMISSION FROM CHIEF DESIGN ENGINEER, RAIL COACH FACTORY, KAPURTHALA.



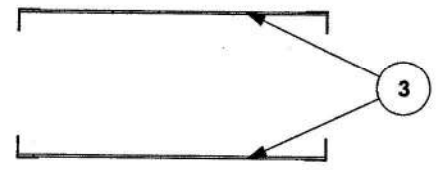
1 2 3 4 5 6 7 8 9 10 11 12 13

A  
B  
C  
D  
E  
F  
G

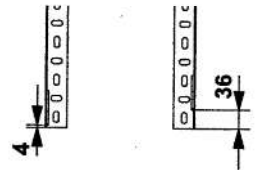
THIS DRAWING IS THE INTELLECTUAL PROPERTY OF RAIL COACH FACTORY, KAPURTHALA.  
THIS DRAWING SHOULD NOT BE REPRODUCED, ALTERED, USED FOR MANUFACTURING OF  
COMPONENTS, SOLD OR TRANSFERRED WITHOUT PERMISSION FROM CHIEF DESIGN ENGINEER,  
RAIL COACH FACTORY, KAPURTHALA.



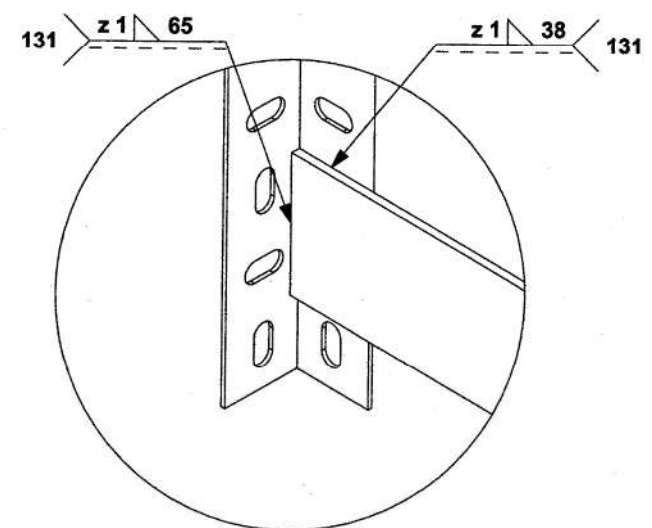
Note:-  
ITEM NO.3 IS TO BE WELDED AT GIVEN LOCATIONS.



SECTION A-A

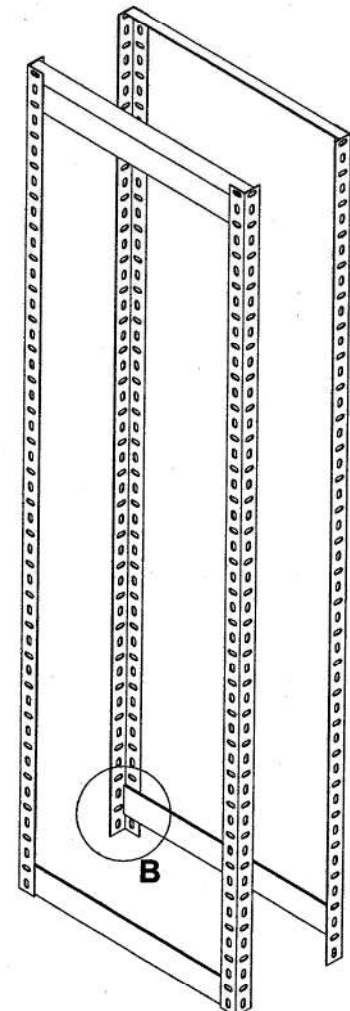


SECTION C-C



DETAIL B  
SCALE 1:2

| ALT.NO | ALT.DATE   | ZONE | ALTERATIONS     | AUTHORITY |
|--------|------------|------|-----------------|-----------|
| b      | 06/07/2023 | ALL  | DRAWING UPDATED | DY.CME/D2 |



ISOMETRIC VIEW

आकडिया  
ENTERED  
ने  
INTO  
प्रविष्टिया  
DATA BASE  
27 JUL 2023

|       |   |   |                           |                        |                                 |         |
|-------|---|---|---------------------------|------------------------|---------------------------------|---------|
| 6     | SPRING WASHER B10   | 4 | LIHW09                    | IS: 3063-1994          | ITEM-21<br>COATING TO MDTS 057  |         |
| 5     | STAINLESS STEEL HEX HEAD BOLT<br>M8X35 (A2-70 TO IS4367 PT.14-B4) | 4 | LIHWSS01                  | IS: 1364 PT.1-92<br>CE | ITEM-2<br>COATING TO MDTS 057MS |         |
| 4     | HEX NUT M8 (A2-70 TO IS4367<br>PT-14)                             | 4 | LIHW08                    | IS: 1364 PT.3-92       | ITEM-3<br>COATING TO MDTS 057   |         |
| 3     | PLATE   | 3 | LA64226                   | NIL                    | NIL                             |         |
| 2     | FRAME ANGLE 25X25X3   | 2 | LA64222                   | NIL                    | NIL                             |         |
| 1     | FRAME ANGLE 40X40X2 L=1885  | 4 | LA64225                   | NIL                    | NIL                             |         |
| ITEM  | DESCRIPTION & DIMENSIONS  |   | QPASSLY                   | DETAIL DRG             | MATL. & SPEC.                   | REMARKS |
| GROUP |   |   | SUPERSEDES: LA64217 ALT a |                        |                                 |         |
| FILE  | LA64217b.prt (3D)   |   |                           |                        |                                 |         |

|               |                |                                |  |  |             |              |          |  |
|---------------|----------------|--------------------------------|--|--|-------------|--------------|----------|--|
| 15.470        | KG             | CABINET FRAME                  |  |  | SCALE       | SSE/REC      | 27/07/23 |  |
| S.AREA        |                |                                |  |  |             | CHD          | SHAK     |  |
| NIL           | M <sup>2</sup> |                                |  |  |             | DRN          | AKSH     |  |
| LENGTH / -DIA |                |                                |  |  |             |              |          |  |
| NIL           | M              | RAIL COACH FACTORY, KAPURTHALA |  |  | REF.DRG.NO. | NIL          |          |  |
| WIDTH / THICK |                | रेल कोच फैक्टरी कपूरथला        |  |  | PL NO.      | NIL          |          |  |
| NIL           | M              | ADE/SME                        |  |  | DRG.NO.     | LA64217      |          |  |
| HEIGHT        |                | D.Y.CME                        |  |  | SIZE        | A2 SHEET 1/1 |          |  |
| NIL           | M              | N.R                            |  |  | ALT.        | b            |          |  |

DETAIL DRGS STARTING WITH "LI" ARE INTERNAL REFERENCE LISTS ONLY AND ARE NOT FOR ISSUE  
ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER THIS DRAWING INVALID.  
FOR UNTOLERANCED DIMENSIONS REFER MDG0008  
DATE OF FIRST ISSUE 04/07/2023  
CGM BY

1 2 3 4 5 6 7 8 9 10 11 12 13



This drawing is the intellectual property of RAIL COACH FACTORY, KAPURTHALA. THIS DRAWING SHOULD NOT BE REPRODUCED, ALTERED, USED FOR MANUFACTURING OF COMPONENTS, SOLD OR TRANSFERRED WITHOUT PERMISSION FROM CHIEF DESIGN ENGINEER, RAIL COACH FACTORY, KAPURTHALA.

DETAIL DRGS STARTING WITH "LI" ARE INTERNAL REFERENCE LISTS ONLY AND ARE NOT FOR ISSUE.  
THIS IS A COMPUTER GENERATED DRAWING. ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER IT INVALID.  
FOR UNTOLERANCED DIMENSIONS REFER MDG0008

DATE OF FIRST ISSUE: 12/09/2022  
CGM BY:

WELD LENGTH: NIL M  
ITEM: GROUP  
DESCRIPTION & DIMENSIONS: SIDE SHEET  
WEIGHT: 6.12572 KG  
S.AREA: NIL M<sup>2</sup>  
LENGTH / -D+A: NIL M  
WIDTH / THICK: NIL M  
HEIGHT: NIL M

RAIL COACH FACTORY, KAPURTHALA  
रेल कोच फैक्टरी कपूरथला

IRS  
ADE/SME: N.R  
DY.CME: CDE

SCALE: 1:10  
SSE/REC: CHD  
DRN: AKSH

PL NO.: NIL  
DRG.NO.: LA64220  
ALT.: a SIZE: A3 SHEET: 1/1

SHEET 1.5X200X1885  
NIL  
SUPERSEDES: LA64220 ALT NIL

ENTERED INTO प्रविष्टियां DATA BASE  
15 MAR 2023

ISOMETRIC VIEW

ALTERATIONS: DRAWING UPDATED  
AUTHORITY: DY.CME/D2





[illegible]

|   |  |   |  |   |  |   |  |   |  |   |  |   |        |   |          |   |      |    |             |    |  |    |           |    |  |
|---|--|---|--|---|--|---|--|---|--|---|--|---|--------|---|----------|---|------|----|-------------|----|--|----|-----------|----|--|
| 1 |  | 2 |  | 3 |  | 4 |  | 5 |  | 6 |  | 7 |        | 8 |          | 9 |      | 10 |             | 11 |  | 12 |           | 13 |  |
| A |  | B |  | C |  | D |  | E |  | F |  | G |        |   |          |   |      |    |             |    |  |    |           |    |  |
|   |  |   |  |   |  |   |  |   |  |   |  |   | ALT.NO |   | ALT.DATE |   | ZONE |    | ALTERATIONS |    |  |    | AUTHORITY |    |  |
|   |  |   |  |   |  |   |  |   |  |   |  |   | NIL    |   | NIL      |   | NIL  |    | NIL         |    |  |    | NIL       |    |  |

ISOMETRIC VIEW

ENTERED  
INTO  
DATA BASE  
14 OCT 2022

|                |  |                           |  |                          |  |                  |  |                                |  |          |  |
|----------------|--|---------------------------|--|--------------------------|--|------------------|--|--------------------------------|--|----------|--|
| NIL            |  | INNER PLATE (1.5X276X578) |  | NIL                      |  | NIL              |  | IS:6911-1992<br>GR-X04Cr 19Ni9 |  | AISI-304 |  |
| WELD LENGTH    |  | ITEM                      |  | DESCRIPTION & DIMENSIONS |  | QPASSLY          |  | DETAIL DRG                     |  | REMARKS  |  |
| NIL            |  | M                         |  |                          |  |                  |  |                                |  |          |  |
| WEIGHT         |  | GROUP                     |  | FILE                     |  | LA64223.prt (3D) |  | SUPERSEDES: NIL                |  |          |  |
| 1.80609 KG     |  |                           |  |                          |  |                  |  |                                |  |          |  |
| S. AREA        |  |                           |  |                          |  |                  |  |                                |  |          |  |
| NIL            |  | M <sup>2</sup>            |  |                          |  |                  |  |                                |  |          |  |
| LENGTH / -DIA  |  |                           |  |                          |  |                  |  |                                |  |          |  |
| NIL            |  | M                         |  |                          |  |                  |  |                                |  |          |  |
| WIDTH / -THICK |  |                           |  |                          |  |                  |  |                                |  |          |  |
| NIL            |  | M                         |  |                          |  |                  |  |                                |  |          |  |
| HEIGHT         |  |                           |  |                          |  |                  |  |                                |  |          |  |
| NIL            |  | M                         |  |                          |  |                  |  |                                |  |          |  |

DETAIL DRGS STARTING WITH "LI" ARE INTERNAL REFERENCE LISTS ONLY AND ARE NOT FOR ISSUE.

THIS IS A COMPUTER GENERATED DRAWING. ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER IT INVALID.

FOR UNTOLERANCED DIMENSIONS REFER MDG0008

DATE OF FIRST ISSUE: 13/09/2022

CGM BY: [Signature]

|   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |    |  |    |  |    |  |    |  |
|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|----|--|----|--|----|--|----|--|
| 1 |  | 2 |  | 3 |  | 4 |  | 5 |  | 6 |  | 7 |  | 8 |  | 9 |  | 10 |  | 11 |  | 12 |  | 13 |  |
| A |  | B |  | C |  | D |  | E |  | F |  | G |  |   |  |   |  |    |  |    |  |    |  |    |  |

THIS DRAWING IS THE INTELLECTUAL PROPERTY OF RAIL COACH FACTORY, KAPURTHALA.  
THIS DRAWING SHOULD NOT BE REPRODUCED, ALTERED, USED FOR MANUFACTURING OF  
COMPONENTS, SOLD OR TRANSFERRED WITHOUT PERMISSION FROM CHIEF DESIGN ENGINEER,  
RAIL COACH FACTORY, KAPURTHALA.