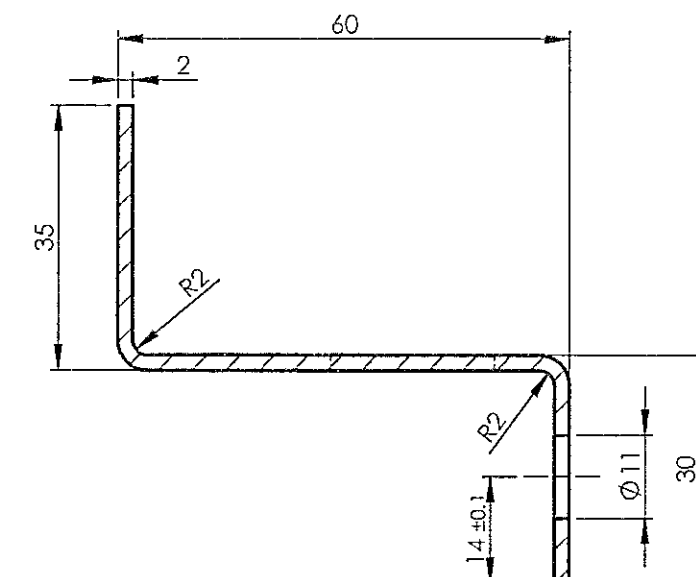
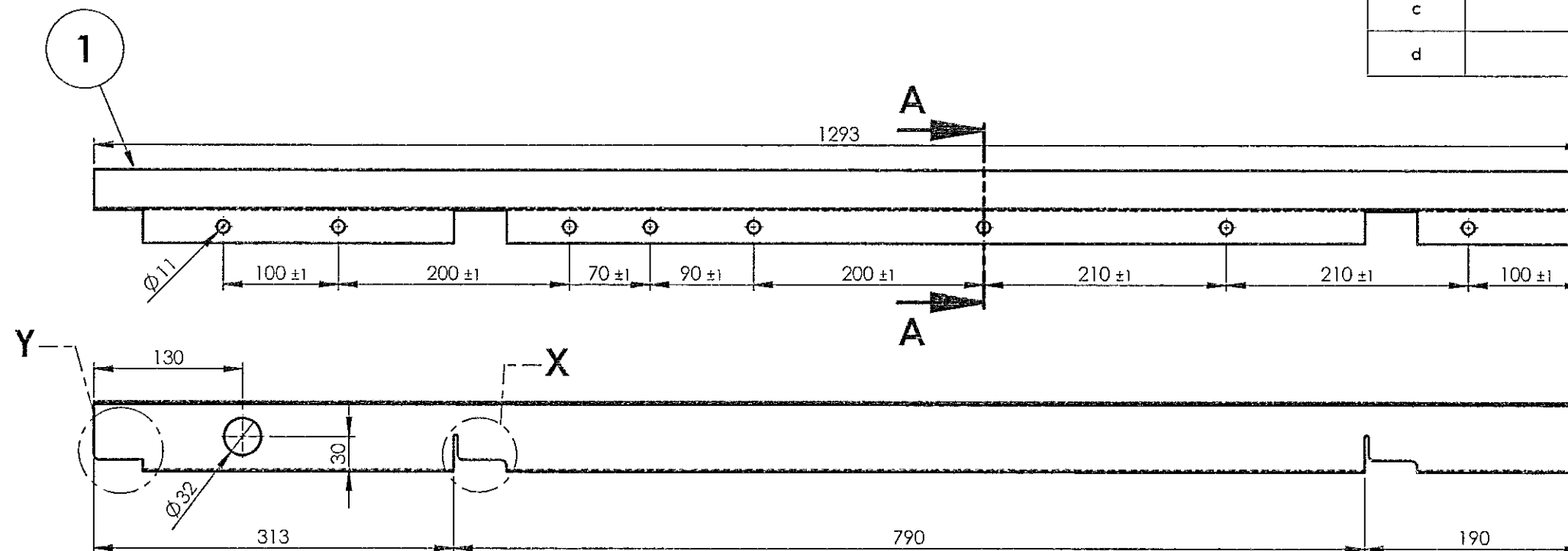


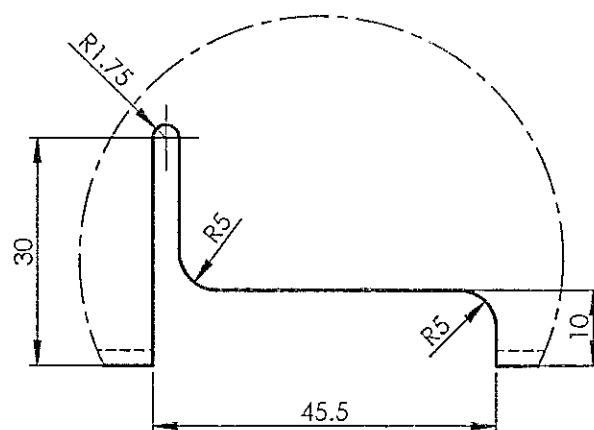
AAG14887

|                          |                  |
|--------------------------|------------------|
| ▽ ROUGH MACHINED         | ① ROUGH CLEANED  |
| ▽▽ FINISH MACHINED       | ①b BURRS REMOVED |
| ▽▽▽ FINE FINISH MACHINED | ⑱ CHAMFERED      |

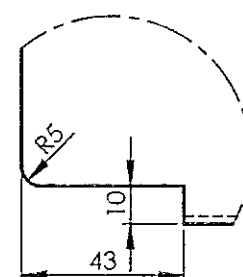
| REVISIONS |      |  |                 |
|-----------|------|--|-----------------|
| ALT.      | ZONE | DESCRIPTION                                      | APPROVED & DATE |
| a         |      | DIA 10.5 HOLE LOCATIONS REVISED.                 | 24-08-2021      |
| b         |      | DIA 32 HOLE LOCATION REVISED.                    | 21-10-2021      |
| c         |      | TOLERANCE ADDED FOR HOLE DIMENSION IN SECTION-AA | 26-04-2022      |
| d         |      | Ø10.5 HOLE REVISED TO Ø11.                       |                 |



SECTION A-A  
SCALE 1 : 1



DETAIL X  
SCALE 1 : 1



DETAIL Y  
SCALE 1 : 2

|  |                   |            |          |                        |                            |                 |              |
|--|-------------------|------------|----------|------------------------|----------------------------|-----------------|--------------|
| 1  | HORIZONTAL MEMBER | 2x117x1293 | 1        |                        | RDSO/SPEC C- K201 X2CrNi12 | 2.34            |              |
| QTY  | DESCRIPTION       | DIMENSIONS | ITEM NO. | REF. DRGS              | MATL.SPEC.                 | WT/UNIT IN KGS  | REMARKS      |
| GROUP: 1-4 Body Side Walls   |                   |            |          | SURFACE AREA IN Sq.m.: |                            | WT/ASSY IN Kgs: |              |
| HORIZONTAL MEMBER  |                   |            |          |                        | SCALE 1:10                 | SSE/D CHD       |              |
|  |                   |            |          |                        | ALT. d                     | ALTD            | ARUN S       |
|  |                   |            |          |                        |                            | DRN             | A.Muthukumar |
| INDIAN RAILWAY STANDARDS<br>INTEGRAL COACH FACTORY, CHENNAI - 600038 |                   |            |          | SHEET 1 OF 1           |                            | AAG14887        |              |
|  |                   |            |          |                        |                            | A3              |              |


|                     |                     |         |
|---------------------|---------------------|---------|
| 22-10-2025          | 19-08-2021          |         |
| DATE OF LATEST ALT. | DATE OF FIRST ISSUE | AME/SME |

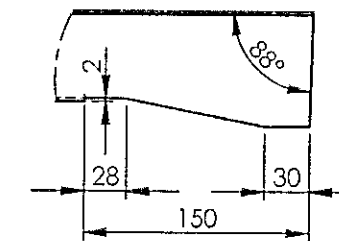
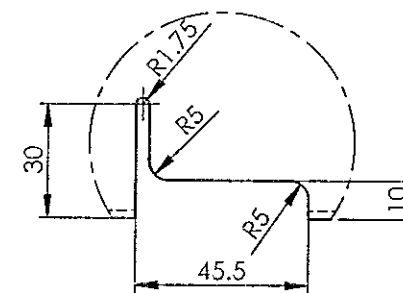
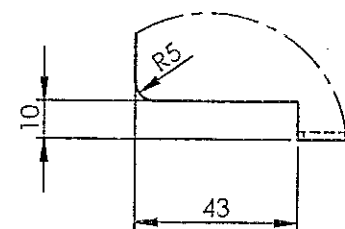
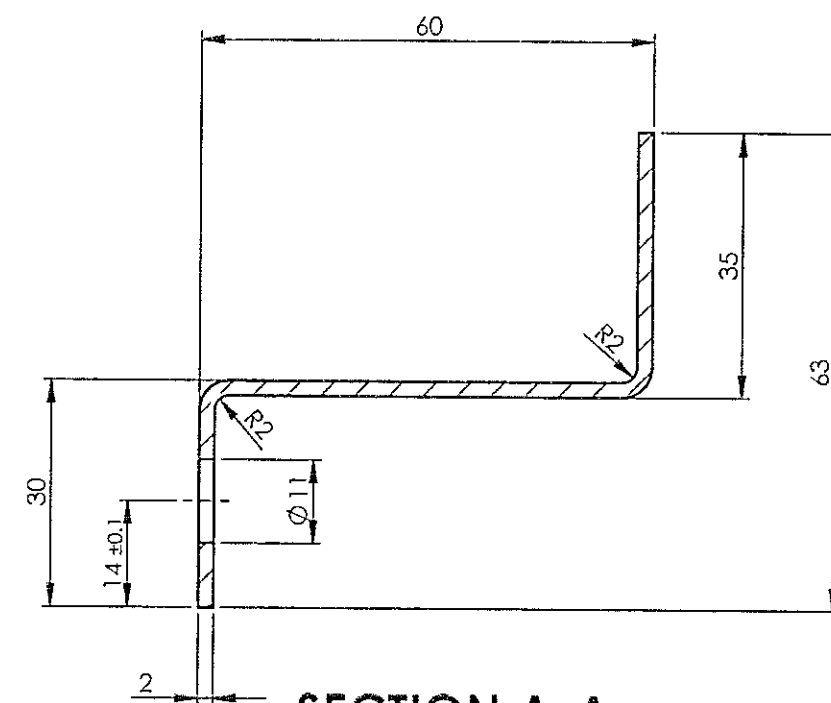
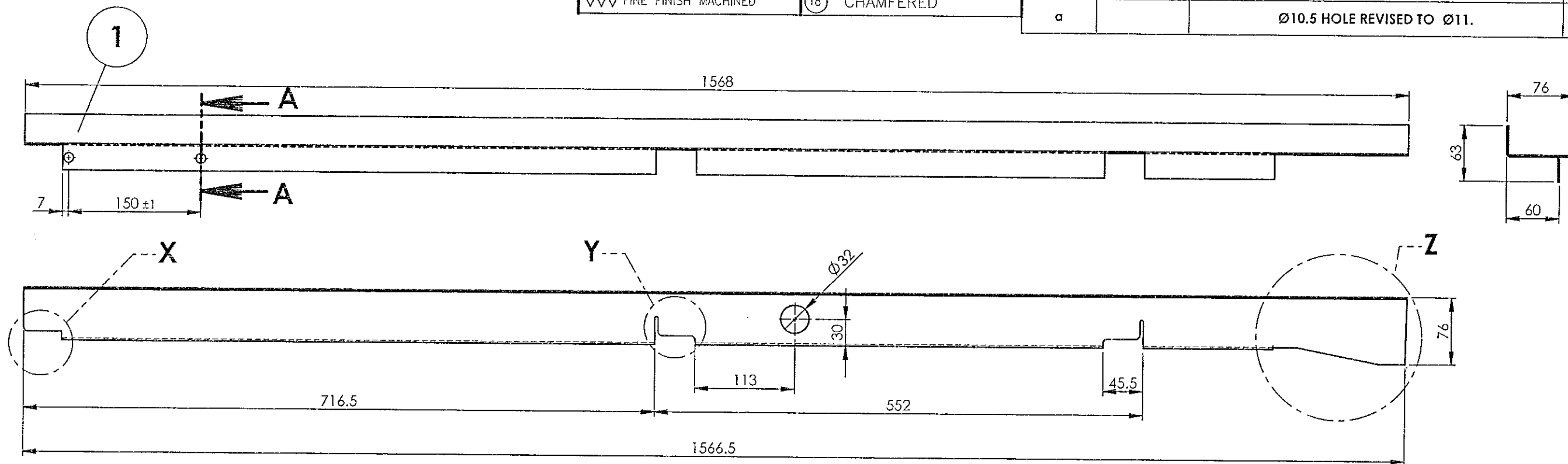
ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED. FOR UNTOLERANCED DIMENSIONS AND ROUGHNESS VALUES, REFER DRAWING NO ICF/STD-9-0-001.  
ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER THIS DRAWING INVALID. WELDING SYMBOLS ARE AS PER IS: 813-1986.  
WEIGHT GIVEN IN DRAWING IS FOR INDICATIVE PURPOSE ONLY

REF.DRG.NO.-

AAG14891

|                          |                  |
|--------------------------|------------------|
| ▽ ROUGH MACHINED         | ① ROUGH CLEANED  |
| ▽▽ FINISH MACHINED       | ①b BURRS REMOVED |
| ▽▽▽ FINE FINISH MACHINED | ⑱ CHAMFERED      |

| REVISIONS |      |                            |   |
|-----------|------|----------------------------|---|
| ALT.      | ZONE | DESCRIPTION                | APPROVED &<br>DATE  |
| a         |      | Ø10.5 HOLE REVISED TO Ø11. |  |

SECTION A-A  
SCALE 1:1DETAIL X  
SCALE 1:2DETAIL Y  
SCALE 1:2DETAIL Z  
SCALE 1:5

| 1  | HORIZONTAL MEMBER | 2x117x1568 | 1        |                        | RDSO/SPEC C-K201 X2CrNi12 | 2.83            |                     |
|--|-------------------|------------|----------|------------------------|---------------------------|-----------------|---------------------|
| Default                                  | DESCRIPTION       | DIMENSIONS | ITEM NO. | REF. DRGS              | MATL.SPEC.                | WT/UNIT IN KGS  | REMARKS             |
| GROUP: 1-4 Body Side Walls               |                   |            |          | SURFACE AREA IN Sq.m.: |                           | WT/ASSY IN Kgs: |                     |
| HORIZONTAL MEMBER                        |                   |            |          |                        | SCALE 1:5                 | SSE/D CHD       |                     |
|  |                   |            |          |                        | ALT. a                    | ALTD DRN        | ARUN S A.Muthukumar |
|  |                   |            |          |                        |                           |                 |                     |
| INDIAN RAILWAY STANDARDS                 |                   |            |          | SHEET 1 OF 1           |                           | AAG14891        |                     |
| INTEGRAL COACH FACTORY, CHENNAI - 600038 |                   |            |          |                        |                           | A3              |                     |

ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED. FOR UNTOLERANCED DIMENSIONS AND ROUGHNESS VALUES, REFER DRAWING NO ICF/STD-9-0-001. ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER THIS DRAWING INVALID. WELDING SYMBOLS ARE AS PER IS: 813-1986. WEIGHT GIVEN IN DRAWING IS FOR INDICATIVE PURPOSE ONLY

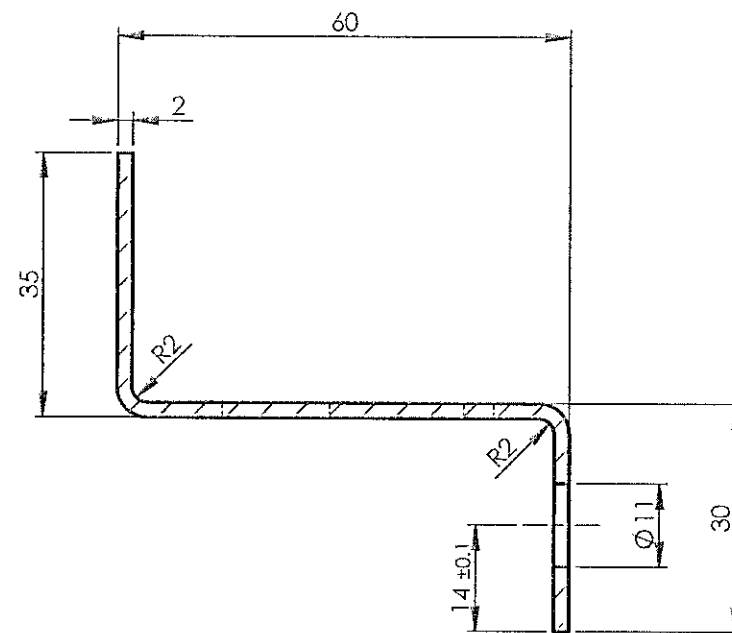
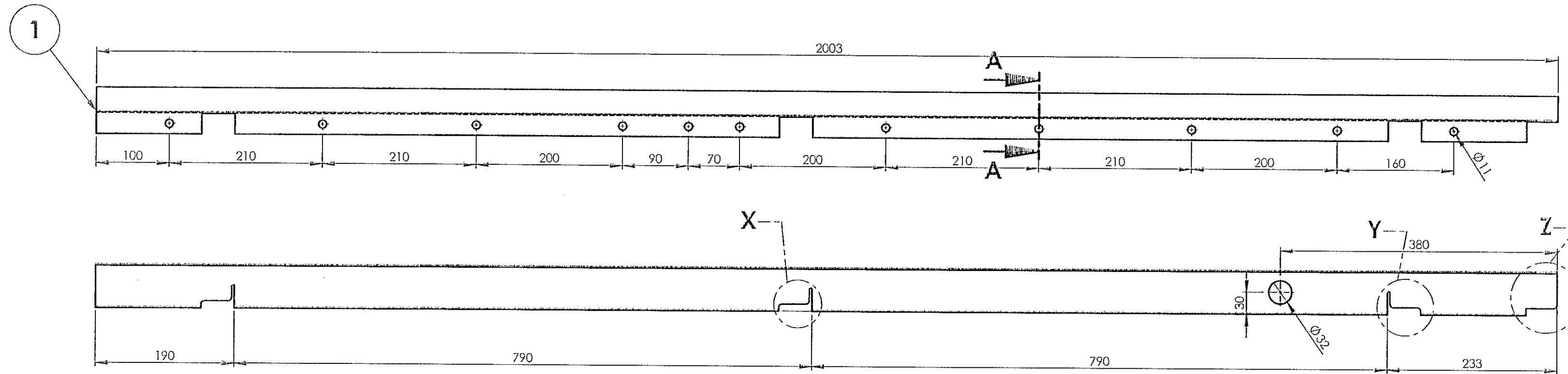
REF.DRG.NO.-

|                     |                     |         |
|---------------------|---------------------|---------|
| 22-10-2025          | 19-08-2021          |         |
| DATE OF LATEST ALT. | DATE OF FIRST ISSUE | AME/SME |

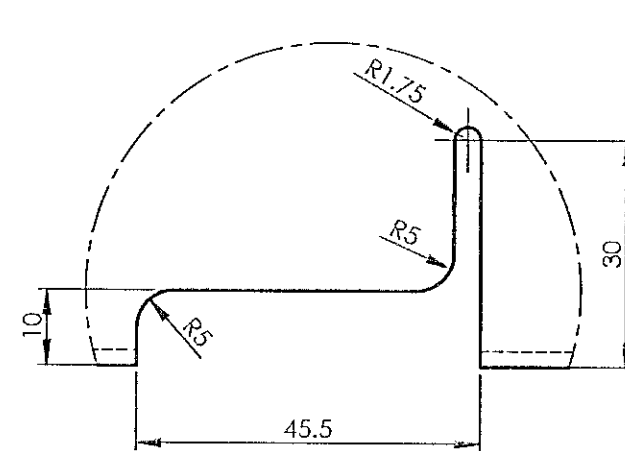
AAG14896

|                          |                   |
|--------------------------|-------------------|
| ▽ ROUGH MACHINED         | ⑧1 ROUGH CLEANED  |
| ▽▽ FINISH MACHINED       | ⑧16 BURRS REMOVED |
| ▽▽▽ FINE FINISH MACHINED | ⑧18 CHAMFERED     |

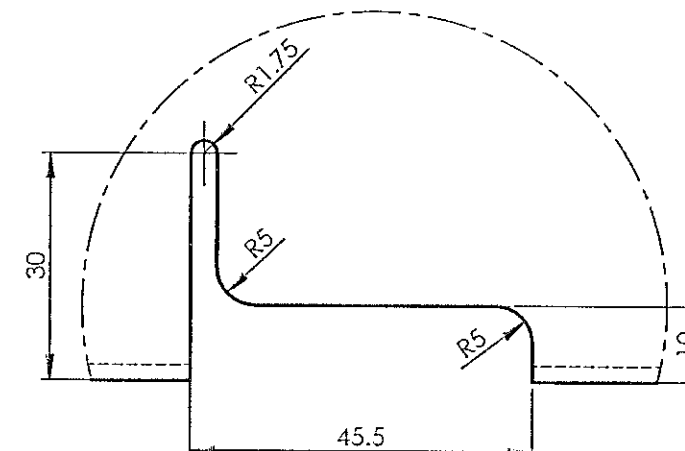
| REVISIONS |      |  |                 |
|-----------|------|--|-----------------|
| ALT.      | ZONE | DESCRIPTION                                      | APPROVED & DATE |
| a         |      | DIA 32 HOLE LOCATION REVISED.                    | 21-10-2021      |
| b         |      | TOLERANCE ADDED FOR HOLE DIMENSION IN SECTION-AA | 26-02-2022      |
| c         |      | Ø10.5 HOLE REVISED TO Ø11.                       |                 |



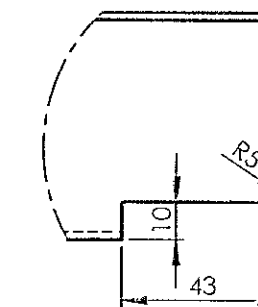
SECTION A-A  
SCALE 1:1



DETAIL X  
SCALE 1:1



DETAIL Y  
SCALE 1:1



DETAIL Z  
SCALE 1:2

ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED. FOR UNTOLERANCED DIMENSIONS AND ROUGHNESS VALUES, REFER DRAWING NO. ICF/STD-9-0-001.  
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REF.DRG.NO.-

|                     |                     |         |
|---------------------|---------------------|---------|
| 22-10-2025          | 19-08-2021          |         |
| DATE OF LATEST ALT. | DATE OF FIRST ISSUE | AME/SME |


|  |                   |                        |          |              |                           |                |              |
|--|-------------------|------------------------|----------|--------------|---------------------------|----------------|--------------|
| 1  | HORIZONTAL MEMBER | 2x117x2003             | 1        |              | RDSO/SPEC C-K201 X2CrNi12 | 3.66           |              |
| QTY  | DESCRIPTION       | DIMENSIONS             | ITEM NO. | REF. DRGS    | MATL.SPEC.                | WT/UNIT IN KGS | REMARKS      |
| GROUP: 1-4 Body Side Walls   |                   | SURFACE AREA IN Sq.m.: |          |              | WT/ASSY IN Kgs:           |                |              |
| HORIZONTAL MEMBER  |                   |                        |          |              | SCALE 1:20                | SSE/D          |              |
|  |                   |                        |          |              |                           | CHD            |              |
|  |                   |                        |          |              | ALT' c                    | ALTD           | ARUN S       |
|  |                   |                        |          |              |                           | DRN            | A.Muthukumar |
| INDIAN RAILWAY STANDARDS<br>INTEGRAL COACH FACTORY, CHENNAI - 600038 |                   |                        |          |              |                           |                |              |
|  |                   |                        |          |              |                           |                |              |
|  |                   |                        |          | SHEET 1 OF 1 | AAG14896                  |                | A2           |

A2

AAG14900

|                          |                  |
|--------------------------|------------------|
| ▽ ROUGH MACHINED         | ① ROUGH CLEANED  |
| ▽▽ FINISH MACHINED       | ①b BURRS REMOVED |
| ▽▽▽ FINE FINISH MACHINED | ①8 CHAMFERED     |

REVISIONS

| ALT. | ZONE | DESCRIPTION                | APPROVED & DATE   |
|------|------|----------------------------|---|
| a    |      | Ø10.5 HOLE REVISED TO Ø11. |  |

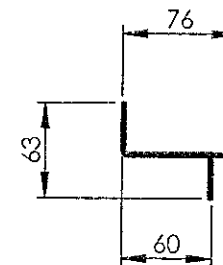
1568

A

A

150 ±0.1

7



X

Y

Z

45.5

30

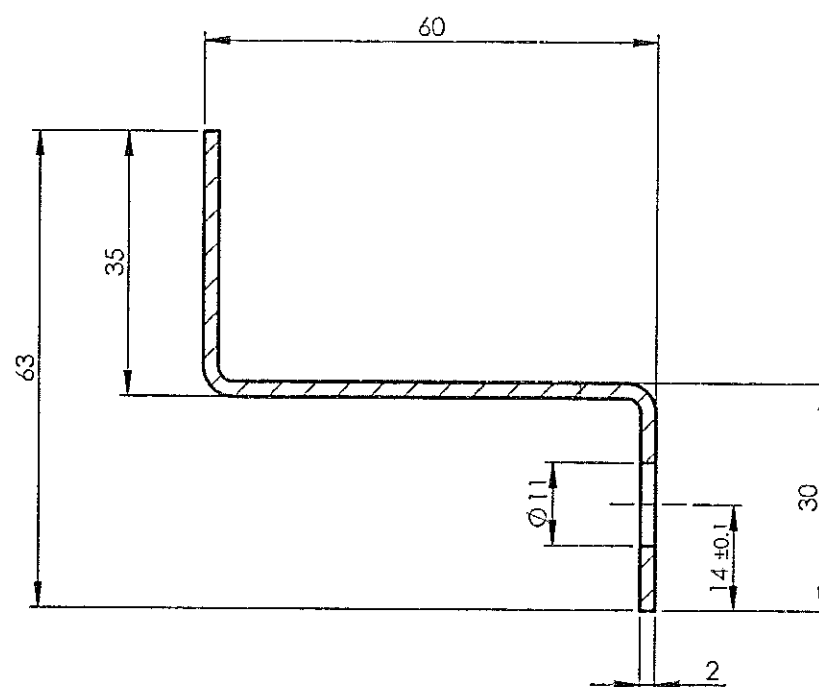
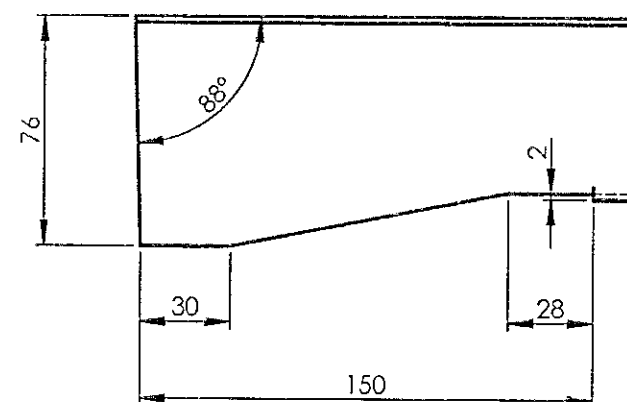
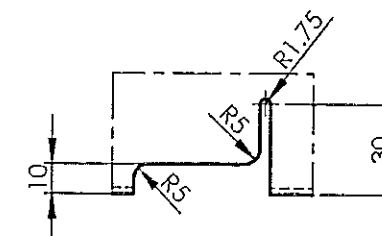
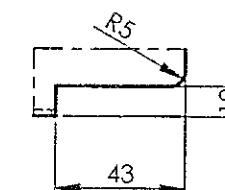
113

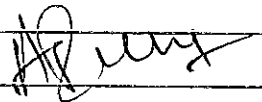
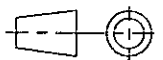
45.5

552

716.5

1566.5

SECTION A-A  
SCALE 1 : 1DETAIL X  
SCALE 2 : 5DETAIL Y  
SCALE 2 : 5DETAIL Z  
SCALE 2 : 5


|  |                   |                        |             |                 |   |                   |   |
|--|-------------------|------------------------|-------------|-----------------|---|-------------------|---|
| 1  | HORIZONTAL MEMBER | 2x117x1568             | 1           |                 | RDSO SPEC C-<br>K201 X2 Cr Ni 12  | 2.83              |   |
| QTY  | DESCRIPTION       | DIMENSIONS             | ITEM<br>NO. | REF. DRGS       | MATL.SPEC.  | WT/UNIT<br>IN KGS | REMARKS   |
| GROUP: 1-4 Body Side Walls   |                   | SURFACE AREA IN Sq.m.: |             |                 | WT/ASSY IN Kgs:   |                   |   |
| HORIZONTAL MEMBER  |                   |                        |             |                 | SCALE   | SSE/D             |  |
|  |                   |                        |             |                 | 1:5   | CHD               |   |
|  |                   |                        |             |                 | ALT.<br>a   | ALTD              | ARUN S  |
|  |                   |                        |             |                 |   | DRN               | A.Muthukumar  |
| INDIAN RAILWAY STANDARDS<br><br>INTEGRAL COACH FACTORY, CHENNAI - 600038 |                   |                        |             | SHEET<br>1 OF 1 |  |                   |   |
|  |                   |                        |             |                 | AAG14900  |                   | A3  |

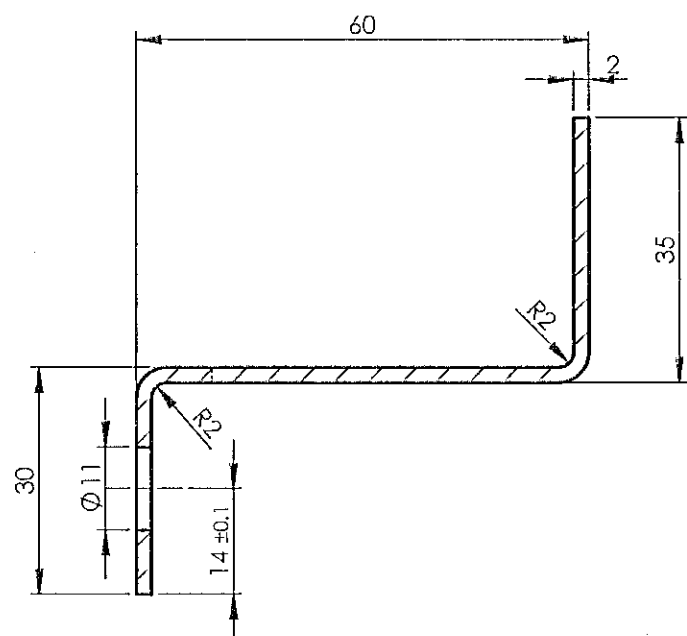
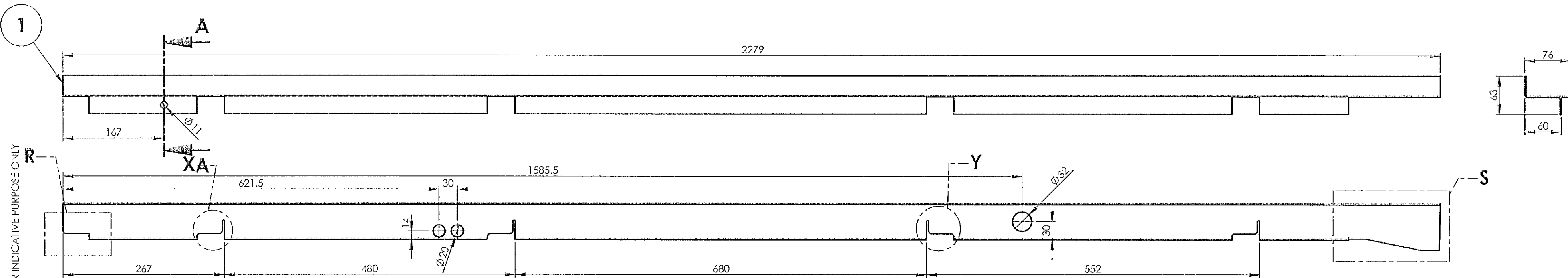
ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED. FOR UNTOLERANCED DIMENSIONS AND ROUGHNESS VALUES, REFER DRAWING NO ICF/STD-9-0-001.  
ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER THIS DRAWING INVALID. WELDING SYMBOLS ARE AS PER IS: 813-1986.  
WEIGHT GIVEN IN DRAWING IS FOR INDICATIVE PURPOSE ONLY

REF.DRG.NO.-

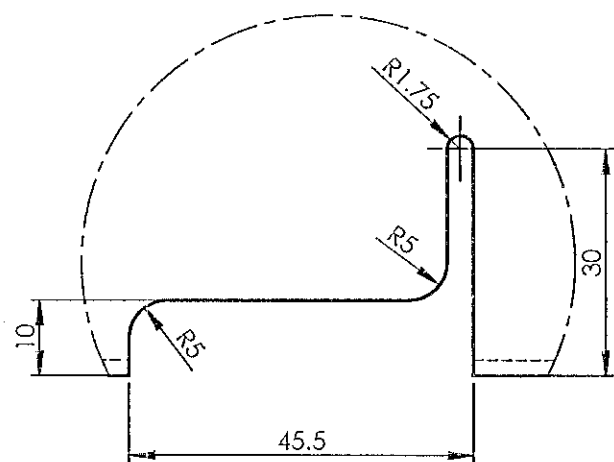
AAG14903

|                          |                   |
|--------------------------|-------------------|
| ▽ ROUGH MACHINED         | 01 ROUGH CLEANED  |
| ▽▽ FINISH MACHINED       | 01b BURRS REMOVED |
| ▽▽▽ FINE FINISH MACHINED | 018 CHAMFERED     |

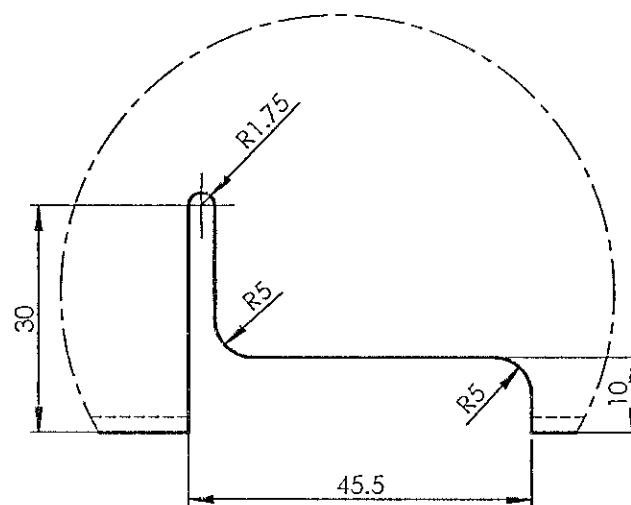
| REVISIONS |      |                            |   |
|-----------|------|----------------------------|---|
| ALT.      | ZONE | DESCRIPTION                | APPROVED & DATE   |
| a         |      | Ø10.5 HOLE REVISED TO Ø11. |  |



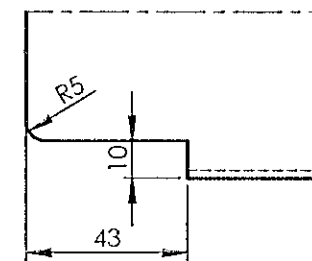
SECTION A-A  
SCALE 1 : 1



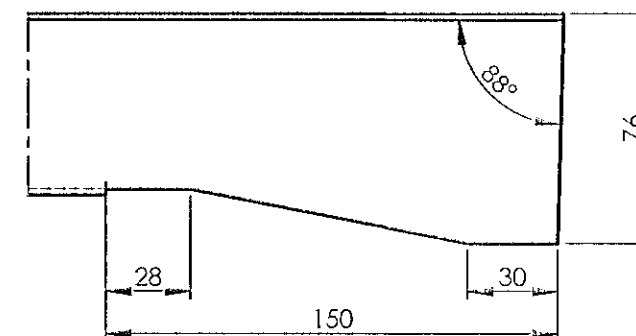
DETAIL X  
SCALE 1 : 1



DETAIL Y  
SCALE 1 : 1



DETAIL R  
SCALE 1 : 2



DETAIL S  
SCALE 2 : 5

ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED. FOR UNTOLERANCED DIMENSIONS AND ROUGHNESS VALUES, REFER DRAWING NO ICF/STD-9-0-001. ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER THIS DRAWING INVALID. WELDING SYMBOLS ARE AS PER IS813:1986. WEIGHT GIVEN IN DRAWING IS FOR INDICATIVE PURPOSE ONLY.

REF.DRG.NO.-

|                     |                     |         |
|---------------------|---------------------|---------|
| 22-10-2025          | 19-08-2021          |         |
| DATE OF LATEST ALT. | DATE OF FIRST ISSUE | AME/SME |

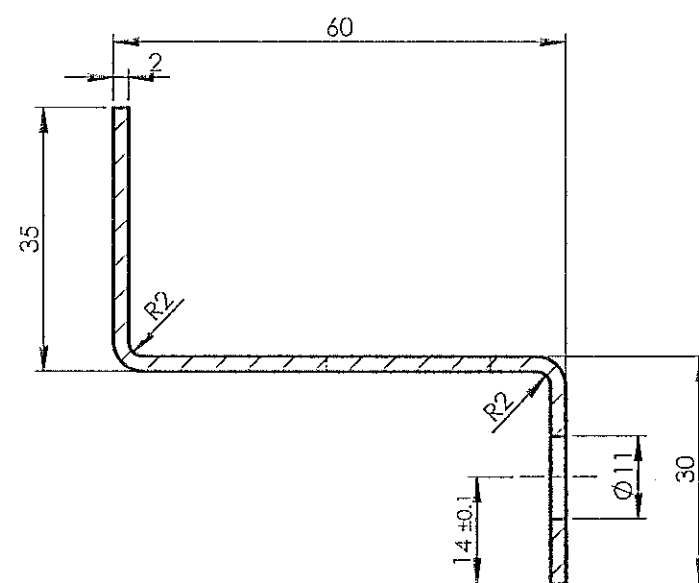
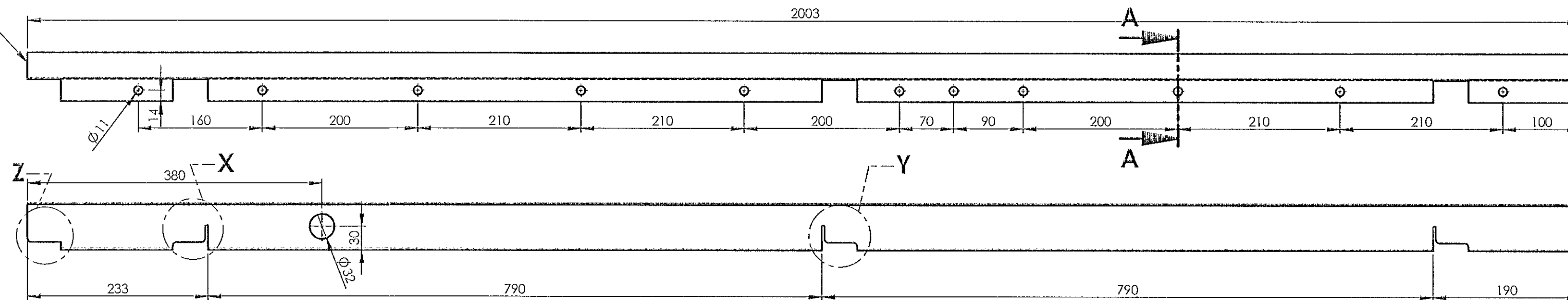
|  |                   |            |          |                        |                              |                 |              |
|--|-------------------|------------|----------|------------------------|------------------------------|-----------------|--------------|
| 1  | HORIZONTAL MEMBER | 2x117x2279 | 1        |                        | RDSO SPEC C-K201 X2 Cr Ni 12 | 4.11            |              |
| QTY  | DESCRIPTION       | DIMENSIONS | ITEM NO. | REF. DRGS              | MATL.SPEC.                   | WT/UNIT IN KGS  | REMARKS      |
| GROUP: 1-4 Body Side Walls   |                   |            |          | SURFACE AREA IN Sq.m.: |                              | WT/ASSY IN Kgs: |              |
| HORIZONTAL MEMBER  |                   |            |          |                        | SCALE 1:20                   | SSE/D           |              |
|  |                   |            |          |                        | CHD                          |                 |              |
|  |                   |            |          |                        | ALT/a                        | ALTD            | ARUN S       |
| INDIAN RAILWAY STANDARDS<br>INTEGRAL COACH FACTORY, CHENNAI - 600038 |                   |            |          |                        | DRN                          |                 | A.Muthukumar |
|  |                   |            |          |                        | SHEET 1 OF 1                 |                 |              |
|  |                   |            |          |                        | AAG14903                     |                 |              |
|  |                   |            |          |                        | A2                           |                 |              |

AAG14906

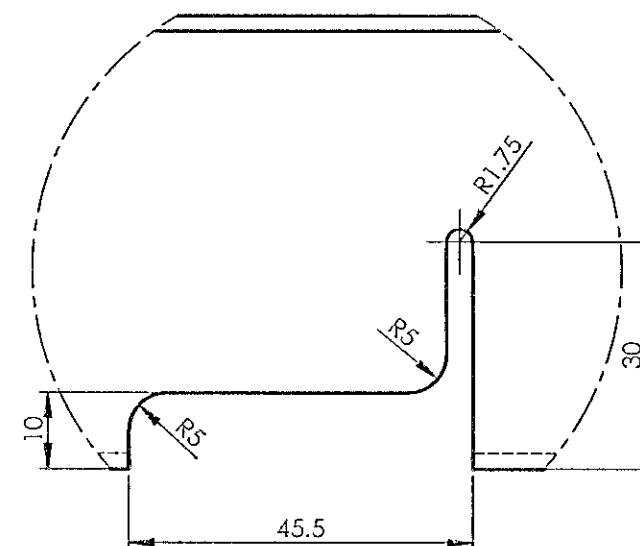
|                          |                 |
|--------------------------|-----------------|
| ▽ ROUGH MACHINED         | ① ROUGH CLEANED |
| ▽▽ FINISH MACHINED       | ② BURRS REMOVED |
| ▽▽▽ FINE FINISH MACHINED | ③ CHAMFERED     |

REVISIONS

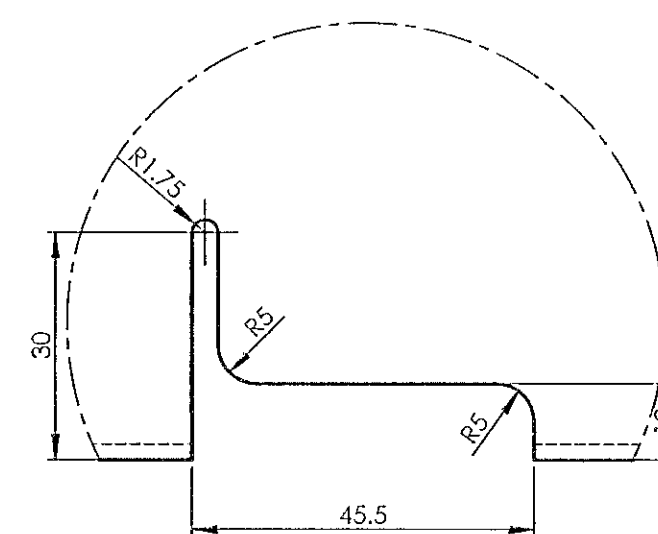
| ALT. | ZONE | DESCRIPTION                                      | APPROVED & DATE |
|------|------|--|-----------------|
| a    |      | DIA 32 HOLE LOCATION REVISED.                    | 21-10-2021      |
| b    |      | TOLERANCE ADDED FOR HOLE DIMENSION IN SECTION-AA | 26-04-2022      |
| c    |      | Ø10.5 HOLE REVISED TO Ø11.                       |                 |



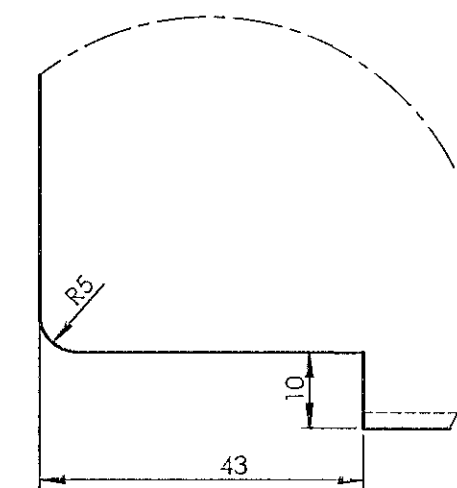
SECTION A-A  
SCALE 1 : 1



DETAIL X  
SCALE 1 : 1



DETAIL Y  
SCALE 1 : 1



DETAIL Z  
SCALE 1 : 1

ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED. FOR UNTOLERANCED DIMENSIONS AND ROUGHNESS VALUES, REFER DRAWING NO. ICF/STD-9-0-001.  
ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER THIS DRAWING INVALID. WELDING SYMBOLS ARE AS PER IS813-1986. WEIGHT GIVEN IN DRAWING IS FOR INDICATIVE PURPOSE ONLY

REF.DRG.NO.-

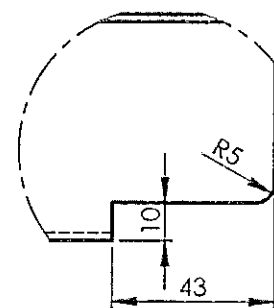
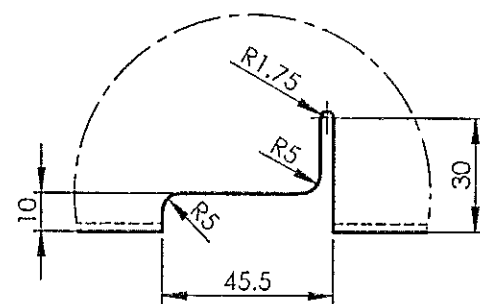
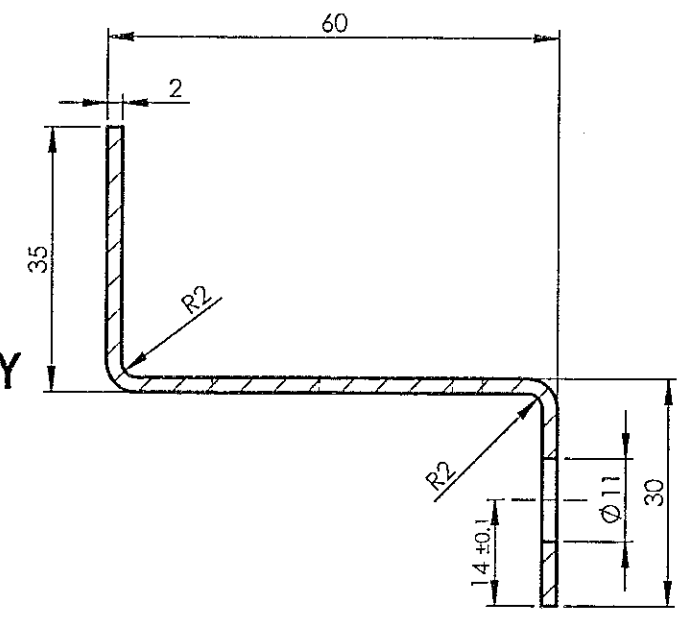
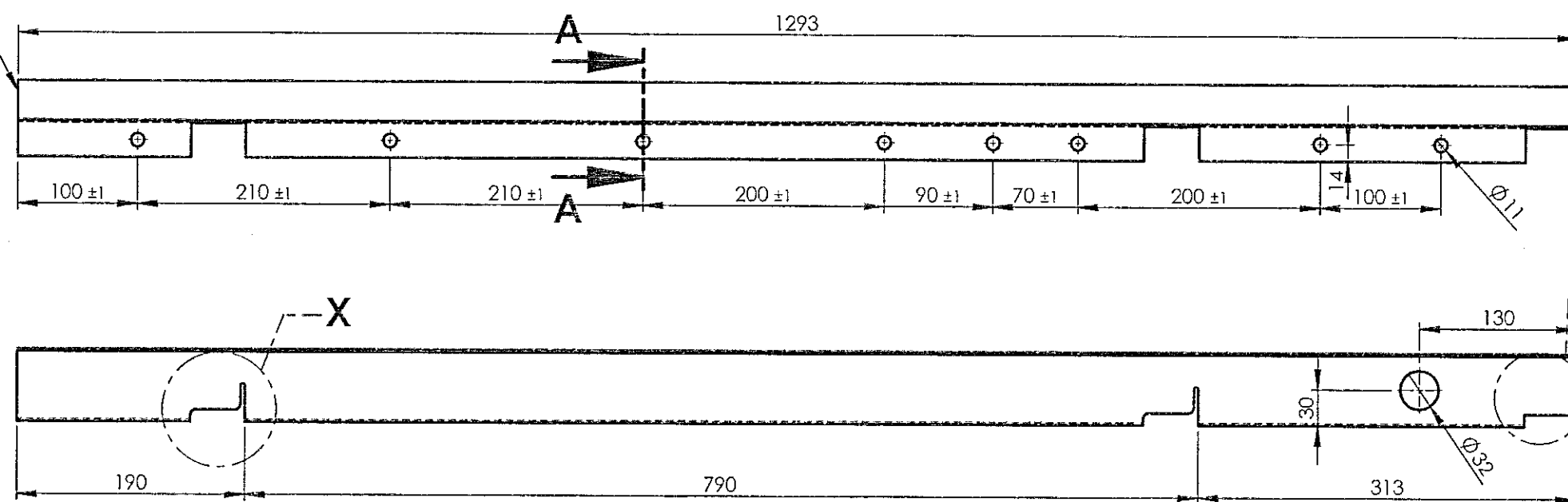
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|---------------------|---------------------|---------|
| 22-10-2025          | 19-08-2021          |         |
| DATE OF LATEST ALT. | DATE OF FIRST ISSUE | AME/SME |

|  |                   |            |          |           |                           |                |         |
|--|-------------------|------------|----------|-----------|---------------------------|----------------|---------|
| 1  | HORIZONTAL MEMBER | 2x117x2003 | 1        |           | RDSO/SPEC C-K201 X2CrNi12 | 3.66           |         |
| QTY                                      | DESCRIPTION       | DIMENSIONS | ITEM NO. | REF. DRGS | MATLSPEC.                 | WT/UNIT IN KGS | REMARKS |
| GROUP: 1-4 Body Side Walls               |                   |            |          |           | SURFACE AREA IN Sq.m.:    |                |         |
| HORIZONTAL MEMBER                        |                   |            |          |           | SCALE 1:10                | SSE/D          |         |
|  |                   |            |          |           |                           | CHD            |         |
|  |                   |            |          |           | ALT'D                     | ARUN S         |         |
|  |                   |            |          |           | DRN                       | A.Muthukumar   |         |
| INDIAN RAILWAY STANDARDS                 |                   |            |          |           | SHEET 1 OF 1              |                |         |
| INTEGRAL COACH FACTORY, CHENNAI - 600038 |                   |            |          |           | AAG14906                  |                |         |
|  |                   |            |          |           | A2                        |                |         |

AAG14908

|                          |                  |
|--------------------------|------------------|
| ▽ ROUGH MACHINED         | ① ROUGH CLEANED  |
| ▽▽ FINISH MACHINED       | ①b BURRS REMOVED |
| ▽▽▽ FINE FINISH MACHINED | ①8 CHAMFERED     |

| REVISIONS |      |  |                    |
|-----------|------|--|--------------------|
| ALT.      | ZONE | DESCRIPTION                                      | APPROVED & DATE    |
| a         |      | DIA 10.5 HOLE LOCATIONS REVISED.                 | 24-08-2021         |
| b         |      | DIA 32 HOLE LOCATION REVISED.                    | 21-10-2021         |
| c         |      | TOLERANCE ADDED FOR HOLE DIMENSION IN SECTION-AA | 26-04-2022         |
| d         |      | Ø10.5 HOLE REVISED TO Ø11.                       | <i>[Signature]</i> |

DETAIL X  
SCALE 1 : 2DETAIL Y  
SCALE 1 : 2SECTION A-A  
SCALE 1 : 1

|  |                   |            |          |                        |                              |                 |                     |
|--|-------------------|------------|----------|------------------------|------------------------------|-----------------|---------------------|
| 1  | HORIZONTAL MEMBER | 2x117x1293 | 1        |                        | RDSO SPEC C-K201 X2 Cr Ni 12 | 2.34            |                     |
| QTY                                      | DESCRIPTION       | DIMENSIONS | ITEM NO. | REF. DRGS              | MATL.SPEC.                   | WT/UNIT IN KGS  | REMARKS             |
| GROUP: 1-4 Body Side Walls               |                   |            |          | SURFACE AREA IN Sq.m.: |                              | WT/ASSY IN Kgs: |                     |
| HORIZONTAL MEMBER                        |                   |            |          |                        | SCALE 1:10                   | SSE/D CHD       | <i>[Signature]</i>  |
|  |                   |            |          |                        | ALT. d                       | ALTD DRN        | ARUN S A.Muthukumar |
| INDIAN RAILWAY STANDARDS                 |                   |            |          |                        | SHEET 1 OF 1                 |                 |                     |
| INTEGRAL COACH FACTORY, CHENNAI - 600038 |                   |            |          |                        | AAG14908                     |                 |                     |
|  |                   |            |          |                        | A3                           |                 |                     |

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|                     |                     |                    |
|---------------------|---------------------|--------------------|
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| DATE OF LATEST ALT. | DATE OF FIRST ISSUE | AME/SME            |

AAG14970

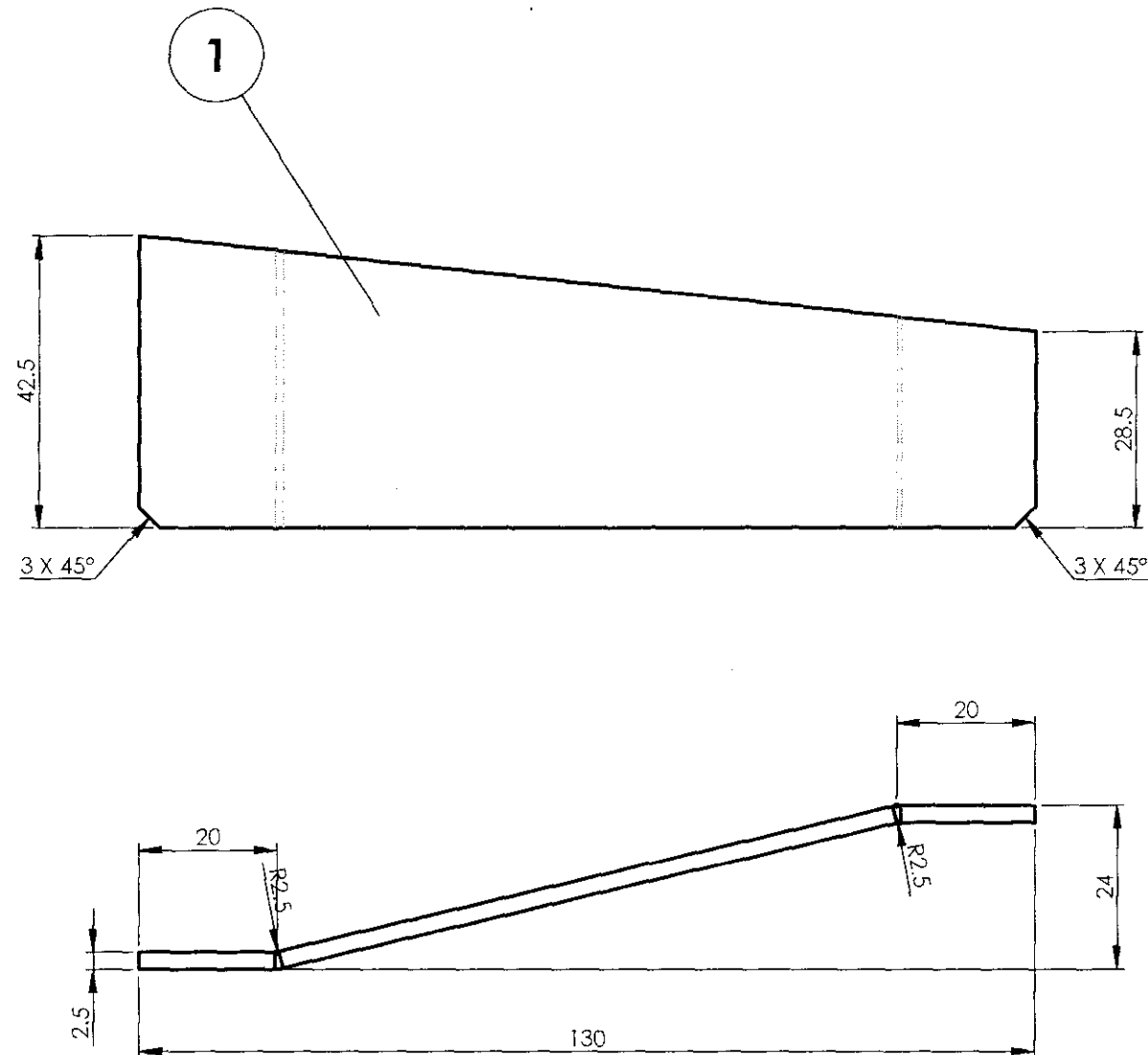
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|--------------------------|-----------------|
| ▽ ROUGH MACHINED         | ① ROUGH CLEANED |
| ▽▽ FINISH MACHINED       | ② BURRS REMOVED |
| ▽▽▽ FINE FINISH MACHINED | ③ CHAMFERED     |

## REVISIONS

ALT.

ZONE

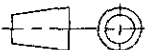
DESCRIPTION

APPROVED &  
DATE

ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED. FOR UNTOLERANCED DIMENSIONS AND ROUGHNESS VALUES, REFER DRAWING NO ICF/STD-9-0-001.  
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| -                   | 13-10-2021          | <i>ghe</i> |
| DATE OF LATEST ALT. | DATE OF FIRST ISSUE | A/E/SME    |

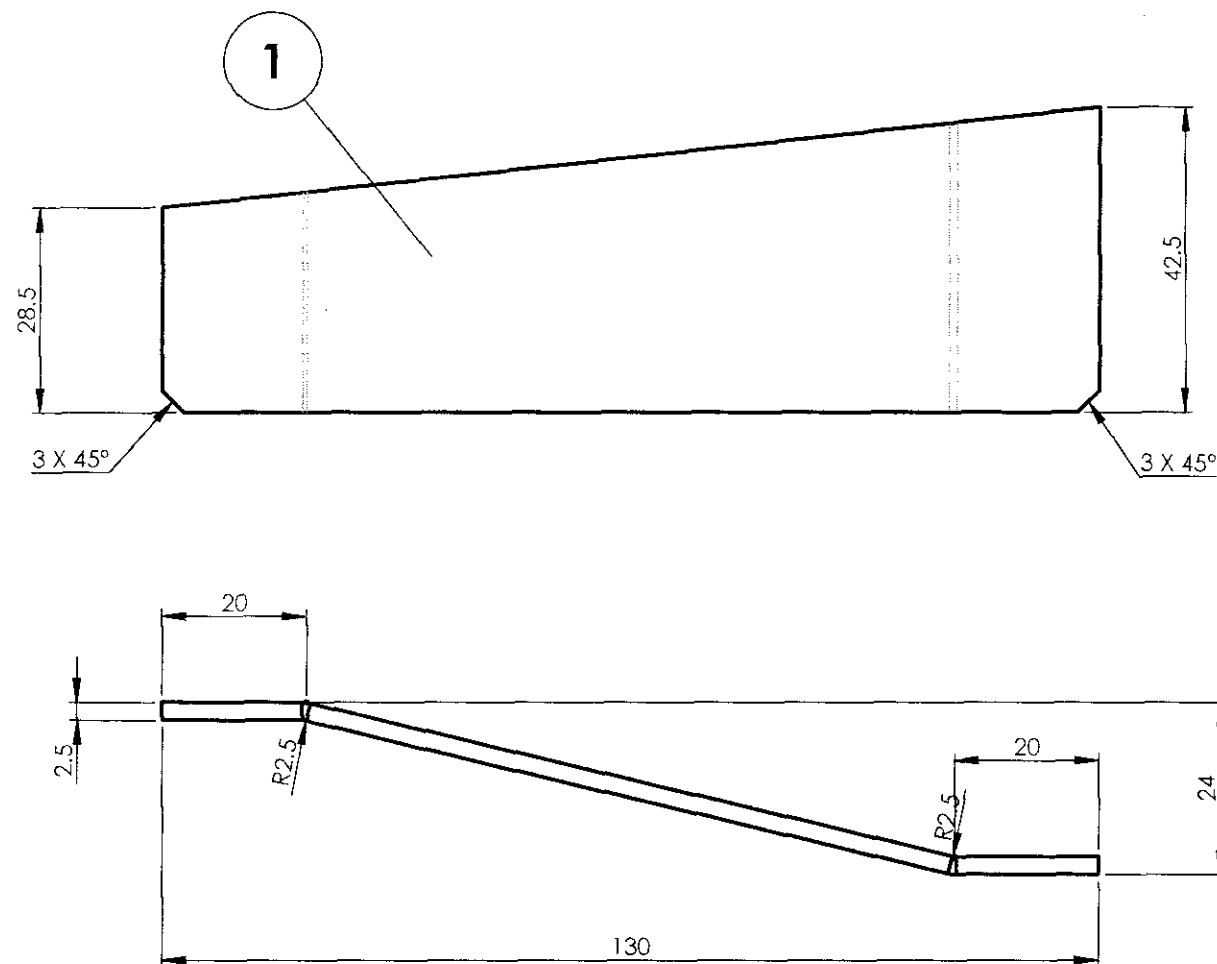
|  |             |                        |             |                 |   |                   |               |
|--|-------------|------------------------|-------------|-----------------|---|-------------------|---------------|
| 1  | BACK PIECE  | 2.5x42.5x133           | 1           |                 | RDSO SPEC C-<br>K201 X2 Cr Ni 12  | 0.09              |               |
| QTY  | DESCRIPTION | DIMENSIONS             | ITEM<br>NO. | REF. DRGS       | MATL.SPEC.  | WT/UNIT<br>IN KGS | REMARKS       |
| GROUP: 1-4 Body Side Walls   |             | SURFACE AREA IN Sq.m.: |             |                 | WT/ASSY IN Kgs:   |                   |               |
| BACK PIECE   |             |                        |             |                 | SCALE   | SSE/D             | A. ✓          |
|  |             |                        |             |                 | 1:1   | CHD               |               |
|  |             |                        |             |                 | ALT.  | ALTD              |               |
|  |             |                        |             |                 | DRN   |                   | A.Palanichamy |
| INDIAN RAILWAY STANDARDS<br><br>INTEGRAL COACH FACTORY, CHENNAI - 600038 |             |                        |             | SHEET<br>1 OF 1 |  |                   | A3            |
|  |             |                        |             |                 |   |                   |               |
| AAG14970   |             |                        |             |                 |   |                   |               |



AAG14971

|                          |                  |
|--------------------------|------------------|
| ▽ ROUGH MACHINED         | ① ROUGH CLEANED  |
| ▽▽ FINISH MACHINED       | ①① BURRS REMOVED |
| ▽▽▽ FINE FINISH MACHINED | ①①① CHAMFERED    |

| REVISIONS |      |             |                    |
|-----------|------|-------------|--------------------|
| ALT.      | ZONE | DESCRIPTION | APPROVED &<br>DATE |



| 1  | BACK PIECE  | 2.5x42.5x133 | 1        |                        | RDSO SPEC C-K201 X2 Cr Ni 12 | 0.09            |                |
|--|-------------|--------------|----------|------------------------|------------------------------|-----------------|----------------|
| QTY                                      | DESCRIPTION | DIMENSIONS   | ITEM NO. | REF. DRGS              | MATL.SPEC.                   | WT/UNIT IN KGS  | REMARKS        |
| GROUP: 1-4 Body Side Walls               |             |              |          | SURFACE AREA IN Sq.m.: |                              | WT/ASSY IN Kgs: |                |
| BACK PIECE                               |             |              |          |                        | SCALE 1:1                    | SSE/D CHD       | A. Palanichamy |
|  |             |              |          |                        | ALT.                         | ALTD            |                |
|  |             |              |          |                        |                              | DRN             |                |
| INDIAN RAILWAY STANDARDS                 |             |              |          | SHEET 1 OF 1           |                              | AAG14971        |                |
| INTEGRAL COACH FACTORY, CHENNAI - 600038 |             |              |          |                        |                              | A3              |                |

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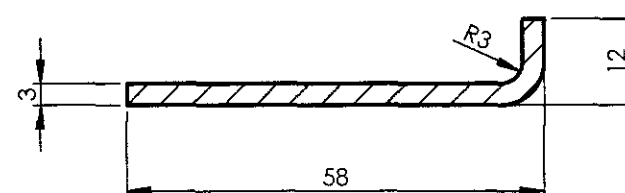
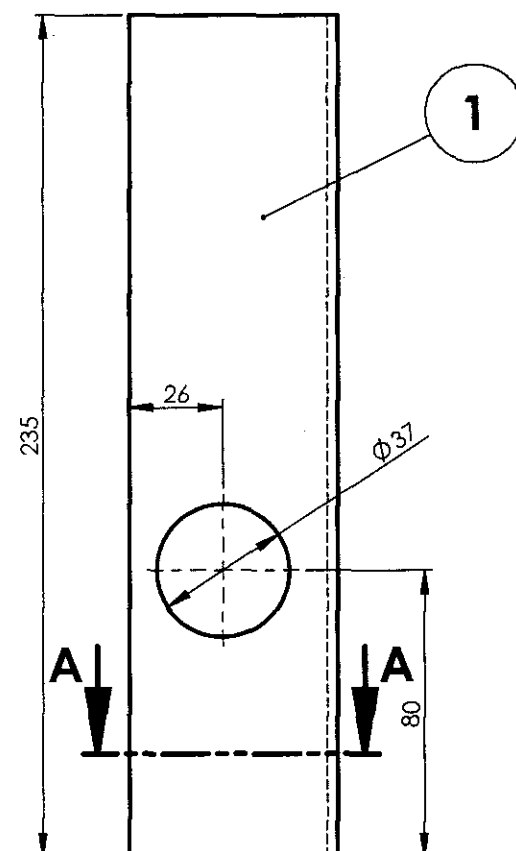
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| -                   | 13-10-2021          | AME/SME |
| DATE OF LATEST ALT. | DATE OF FIRST ISSUE | AME/SME |

AAH14063

|                          |                  |
|--------------------------|------------------|
| ▽ ROUGH MACHINED         | ① ROUGH CLEANED  |
| ▽▽ FINISH MACHINED       | ①b BURRS REMOVED |
| ▽▽▽ FINE FINISH MACHINED | ①8 CHAMFERED     |

REVISIONS

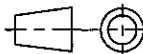
| ALT. | ZONE | DESCRIPTION | APPROVED & DATE |
|------|------|-------------|-----------------|
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SECTION A-A  
SCALE 1 : 1

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|                     |                     |                    |
|---------------------|---------------------|--------------------|
| <i>[Signature]</i>  | 23.12.2021          | <i>[Signature]</i> |
| DATE OF LATEST ALT. | DATE OF FIRST ISSUE | AME/SME            |

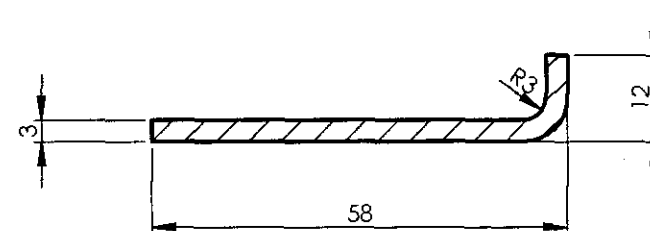
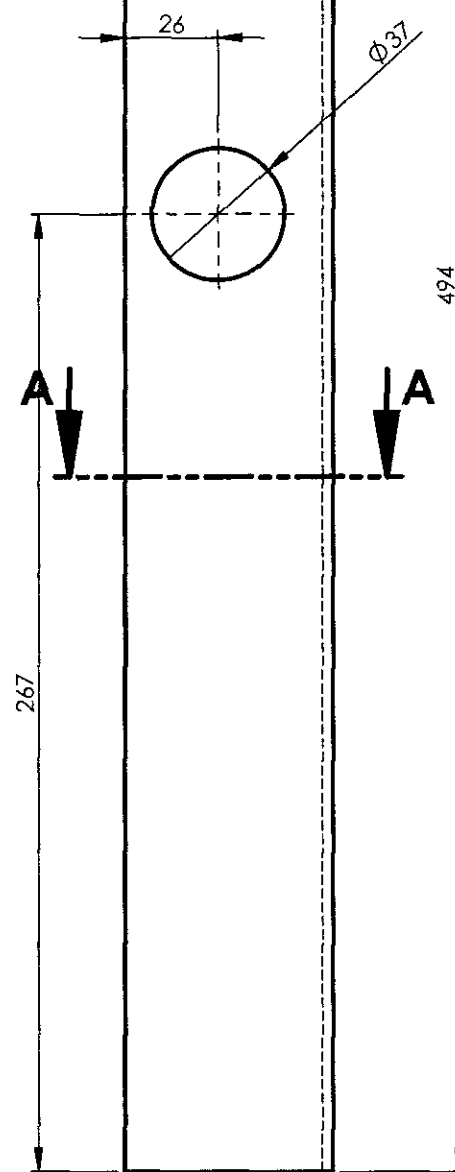
|  |             |                        |          |   |                              |                |               |
|--|-------------|------------------------|----------|---|------------------------------|----------------|---------------|
| 1  | ANGLE       | 3x64x235               | 1        |   | RDSO SPEC C-K201 X2 Cr Ni 12 | 0.34           |               |
| QTY                                      | DESCRIPTION | DIMENSIONS             | ITEM NO. | REF. DRGS   | MATL.SPEC.                   | WT/UNIT IN KGS | REMARKS       |
| GROUP: 1-4 Body Side Walls               |             | SURFACE AREA IN Sq.m.: |          |   | WT/ASSY IN Kgs:              |                |               |
| ANGLE                                    |             |                        |          |   | SCALE                        | SSE/D          | A. y          |
|  |             |                        |          |   | 1:2                          | CHD            |               |
|  |             |                        |          |   | ALT.                         | ALTD           |               |
|  |             |                        |          |   |                              | DRN            | A.Palanichamy |
| INDIAN RAILWAY STANDARDS                 |             |                        |          |  |                              |                |               |
|  |             |                        |          |   |                              |                |               |
| INTEGRAL COACH FACTORY, CHENNAI - 600038 |             |                        |          | SHEET<br>1 OF 1   |                              | AAH14063       |               |
|  |             |                        |          |   |                              | A3             |               |

AAH14064

|                          |                 |
|--------------------------|-----------------|
| ▽ ROUGH MACHINED         | ① ROUGH CLEANED |
| ▽▽ FINISH MACHINED       | ② BURRS REMOVED |
| ▽▽▽ FINE FINISH MACHINED | ③ CHAMFERED     |

REVISIONS

| ALT. | ZONE | DESCRIPTION | APPROVED & DATE |
|------|------|-------------|-----------------|
|------|------|-------------|-----------------|

SECTION A-A  
SCALE 1 : 1

|  |             |                        |          |                 |                              |                |         |
|--|-------------|------------------------|----------|-----------------|------------------------------|----------------|---------|
| 1  | ANGLE       | 3x64x494               | 1        |                 | RDSO SPEC C-K201 X2 Cr Ni 12 | 0.75           |         |
| QTY  | DESCRIPTION | DIMENSIONS             | ITEM NO. | REF. DRGS       | MATL.SPEC.                   | WT/UNIT IN KGS | REMARKS |
| GROUP: 1-4 Body Side Walls   |             | SURFACE AREA IN Sq.m.: |          |                 | WT/ASSY IN Kgs:              |                |         |
| ANGLE  |             |                        |          | SCALE           | SSE/D                        | A. Palanichamy |         |
|  |             |                        |          | 1:5             | CHD                          |                |         |
|  |             |                        |          | ALT.            | ALTD                         | A. Palanichamy |         |
|  |             |                        |          |                 | DRN                          |                |         |
| INDIAN RAILWAY STANDARDS<br>INTEGRAL COACH FACTORY, CHENNAI - 600038 |             |                        |          | SHEET<br>1 OF 1 |                              | AAH14064       |         |
|  |             |                        |          |                 |                              | A3             |         |

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REF.DRG.NO.-

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| 23.12.2024          | 23.12.2024          |         |
| DATE OF LATEST ALT. | DATE OF FIRST ISSUE | AME/SME |

AAH14065

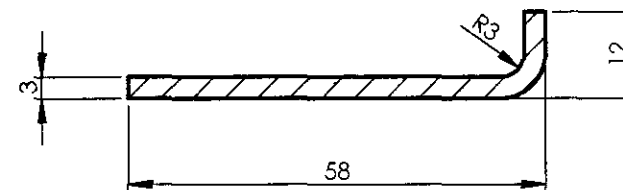
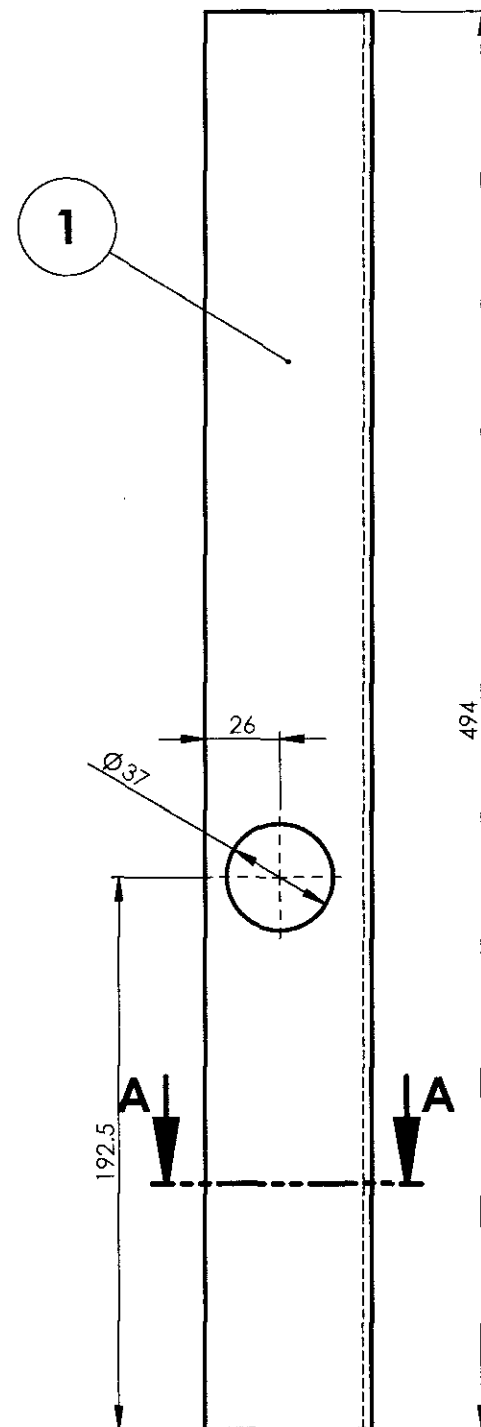
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|--------------------------|-----------------|
| ▽ ROUGH MACHINED         | ① ROUGH CLEANED |
| ▽▽ FINISH MACHINED       | ② BURRS REMOVED |
| ▽▽▽ FINE FINISH MACHINED | ③ CHAMFERED     |

REVISIONS

ALT.

ZONE

DESCRIPTION

APPROVED &  
DATESECTION A-A  
SCALE 1 : 1

|  |             |                     |          |                        |                              |                 |               |
|--|-------------|---------------------|----------|------------------------|------------------------------|-----------------|---------------|
| 1  | ANGLE       | 3x64x494            | 1        |                        | RDSO SPEC C-K201 X2 Cr NI 12 | 0.75            |               |
| QTY                                      | DESCRIPTION | DIMENSIONS          | ITEM NO. | REF. DRGS              | MATL.SPEC.                   | WT/UNIT IN KGS  | REMARKS       |
| GROUP: 1-4 Body Side Walls               |             |                     |          | SURFACE AREA IN Sq.m.: |                              | WT/ASSY IN Kgs: |               |
| ANGLE                                    |             |                     |          |                        | SCALE                        | SSE/D           | A-5           |
|  |             |                     |          |                        | 1:2.5                        | CHD             |               |
|  |             |                     |          |                        | ALT.                         | ALTD            |               |
|  |             |                     |          |                        |                              | DRN             | A.Palanichamy |
| INDIAN RAILWAY STANDARDS                 |             |                     |          | SHEET 1 OF 1           |                              | AAH14065        |               |
| INTEGRAL COACH FACTORY, CHENNAI - 600038 |             |                     |          |                        |                              | A3              |               |
| DATE OF LATEST ALT.                      |             | DATE OF FIRST ISSUE |          | AME/SME                |                              |                 |               |
| 23.12.2021                               |             | 23.12.2021          |          | [Signature]            |                              |                 |               |

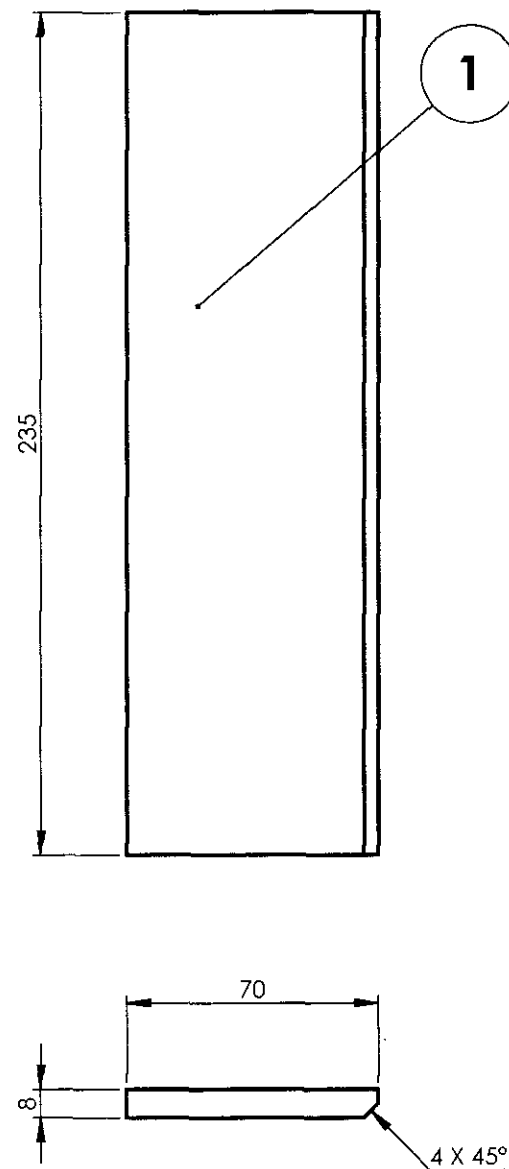
ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED. FOR UNTOLERANCED DIMENSIONS AND ROUGHNESS VALUES, REFER DRAWING NO ICF/STD-9-0-001.  
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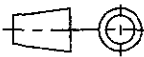
REF.DRG.NO.-

AAH14068

|                          |                  |
|--------------------------|------------------|
| ▽ ROUGH MACHINED         | ① ROUGH CLEANED  |
| ▽▽ FINISH MACHINED       | ①b BURRS REMOVED |
| ▽▽▽ FINE FINISH MACHINED | ①8 CHAMFERED     |

| REVISIONS |      |             |                    |
|-----------|------|-------------|--------------------|
| ALT.      | ZONE | DESCRIPTION | APPROVED &<br>DATE |



|  |                            |                        |          |   |                 |                |               |
|--|----------------------------|------------------------|----------|---|-----------------|----------------|---------------|
| 1  | BACK PIECE FOR FIXING SEAT | 8 x 70 x 235           | 1        |   | SS-409M         | 1.04           |               |
| QTY                                      | DESCRIPTION                | DIMENSIONS             | ITEM NO. | REF. DRGS   | MATL.SPEC.      | WT/UNIT IN KGS | REMARKS       |
| GROUP: 1-4 Body Side Walls               |                            | SURFACE AREA IN Sq.m.: |          |   | WT/ASSY IN Kgs: |                |               |
| BACK PIECE FOR FIXING SEAT               |                            |                        |          |   | SCALE           | SSE/D          | A - 5         |
|  |                            |                        |          |   | 1:2             | CHD            |               |
|  |                            |                        |          |   | ALT.            | ALTD           |               |
|  |                            |                        |          |   |                 | DRN            | A.Palanichamy |
| INDIAN RAILWAY STANDARDS                 |                            |                        |          |  |                 |                |               |
|  |                            |                        |          |   |                 |                |               |
| INTEGRAL COACH FACTORY, CHENNAI - 600038 |                            |                        |          | SHEET<br>1 OF 1   |                 | AAH14068       |               |
|  |                            |                        |          |   |                 | A3             |               |

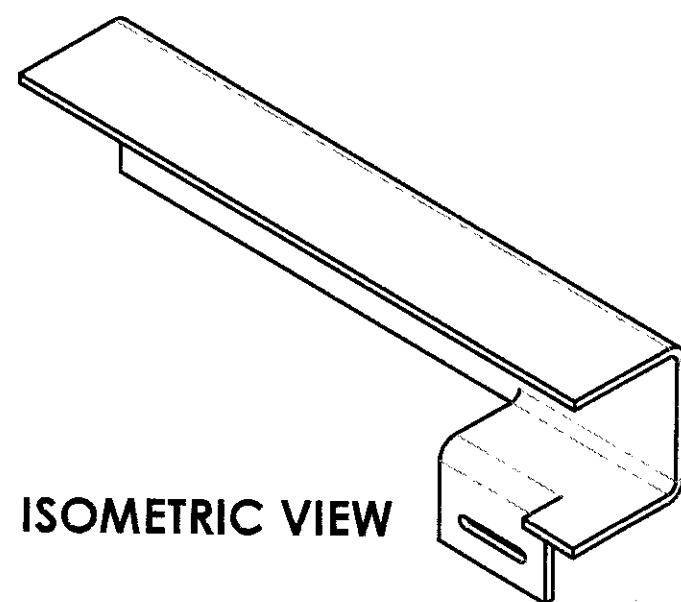
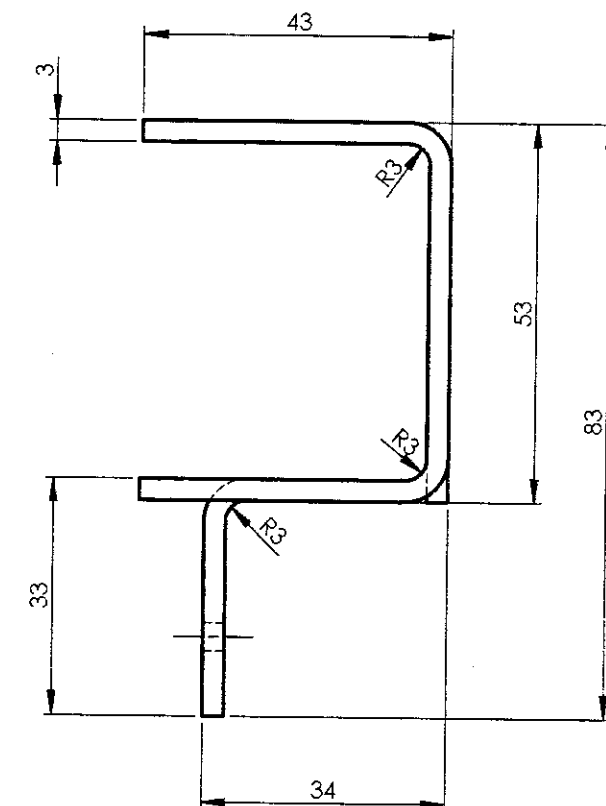
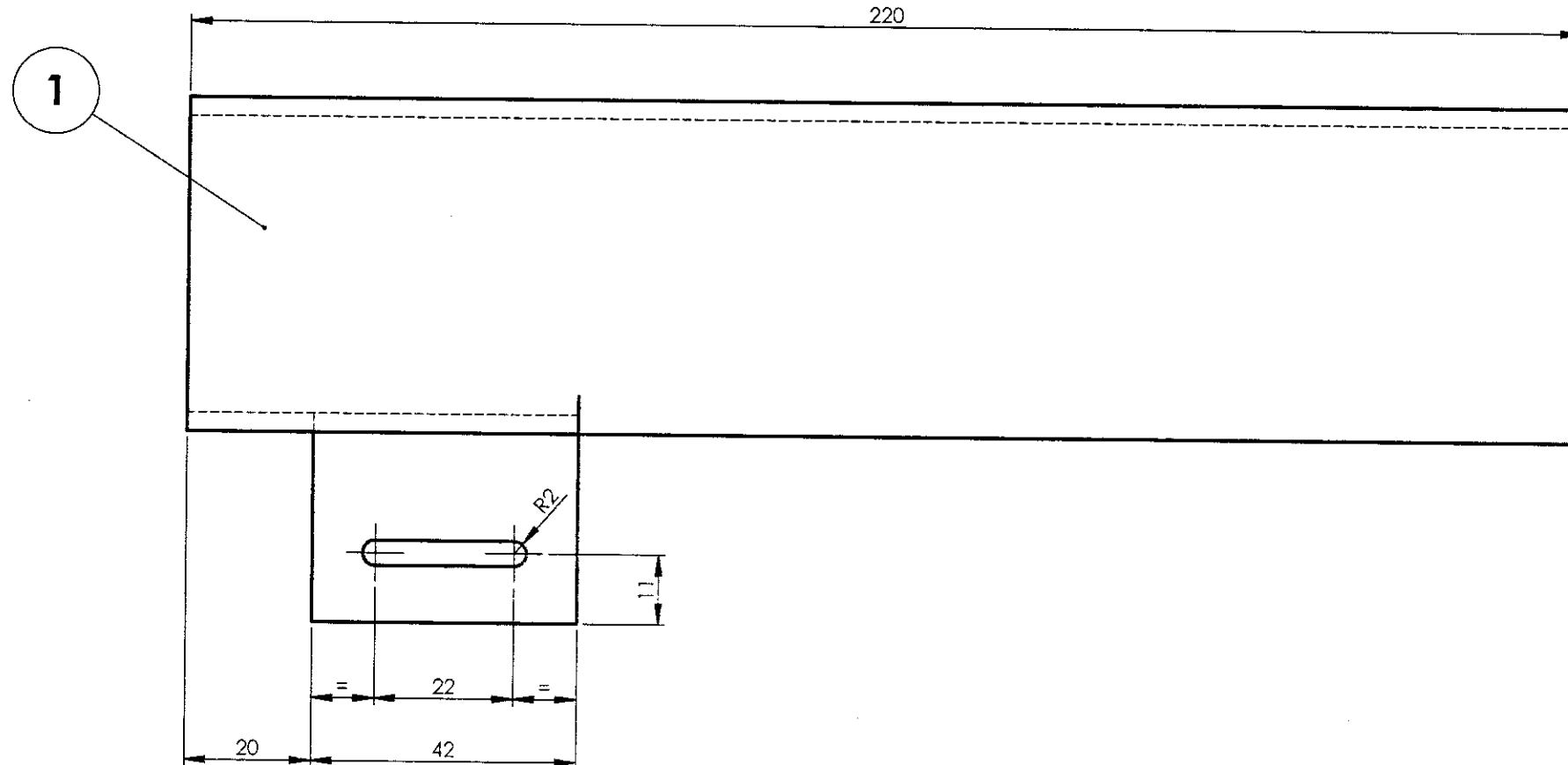
ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED. FOR UNTOLERANCED DIMENSIONS AND ROUGHNESS VALUES, REFER DRAWING NO ICF/STD-9-0-001.  
ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER THIS DRAWING INVALID. WELDING SYMBOLS ARE AS PER IS: 813-1986.  
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REF.DRG.NO.-

AAH14087

|                          |                   |
|--------------------------|-------------------|
| ▽ ROUGH MACHINED         | ⊖1 ROUGH CLEANED  |
| ▽▽ FINISH MACHINED       | ⊖1b BURRS REMOVED |
| ▽▽▽ FINE FINISH MACHINED | ⊖18 CHAMFERED     |

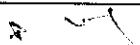
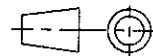
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| ALT.      | ZONE | DESCRIPTION |  |                 |  |



ISOMETRIC VIEW

REF.DRG.NO.-

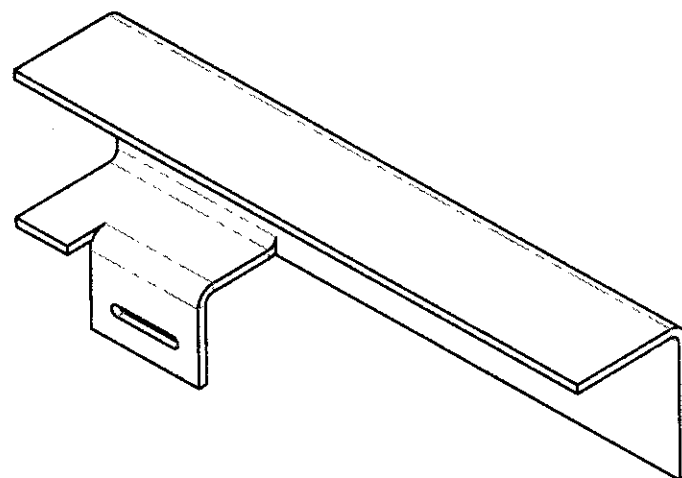
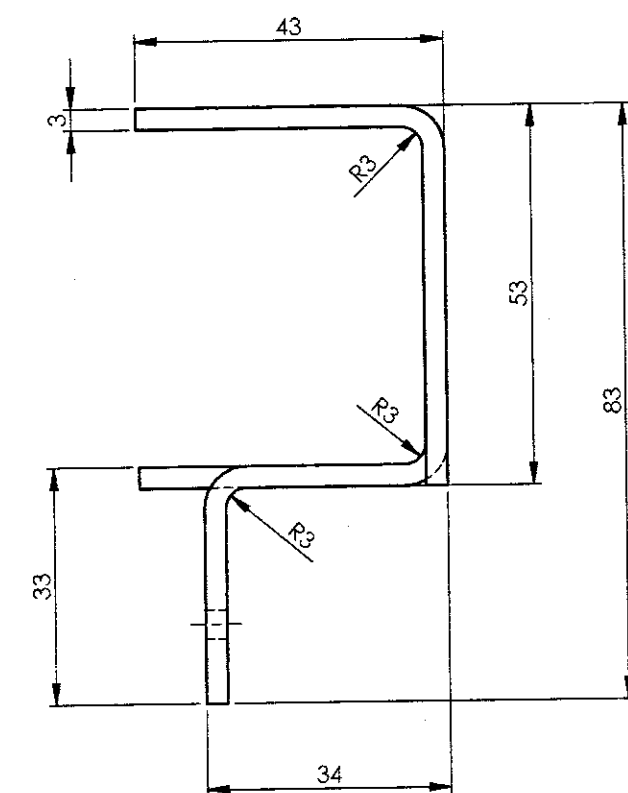
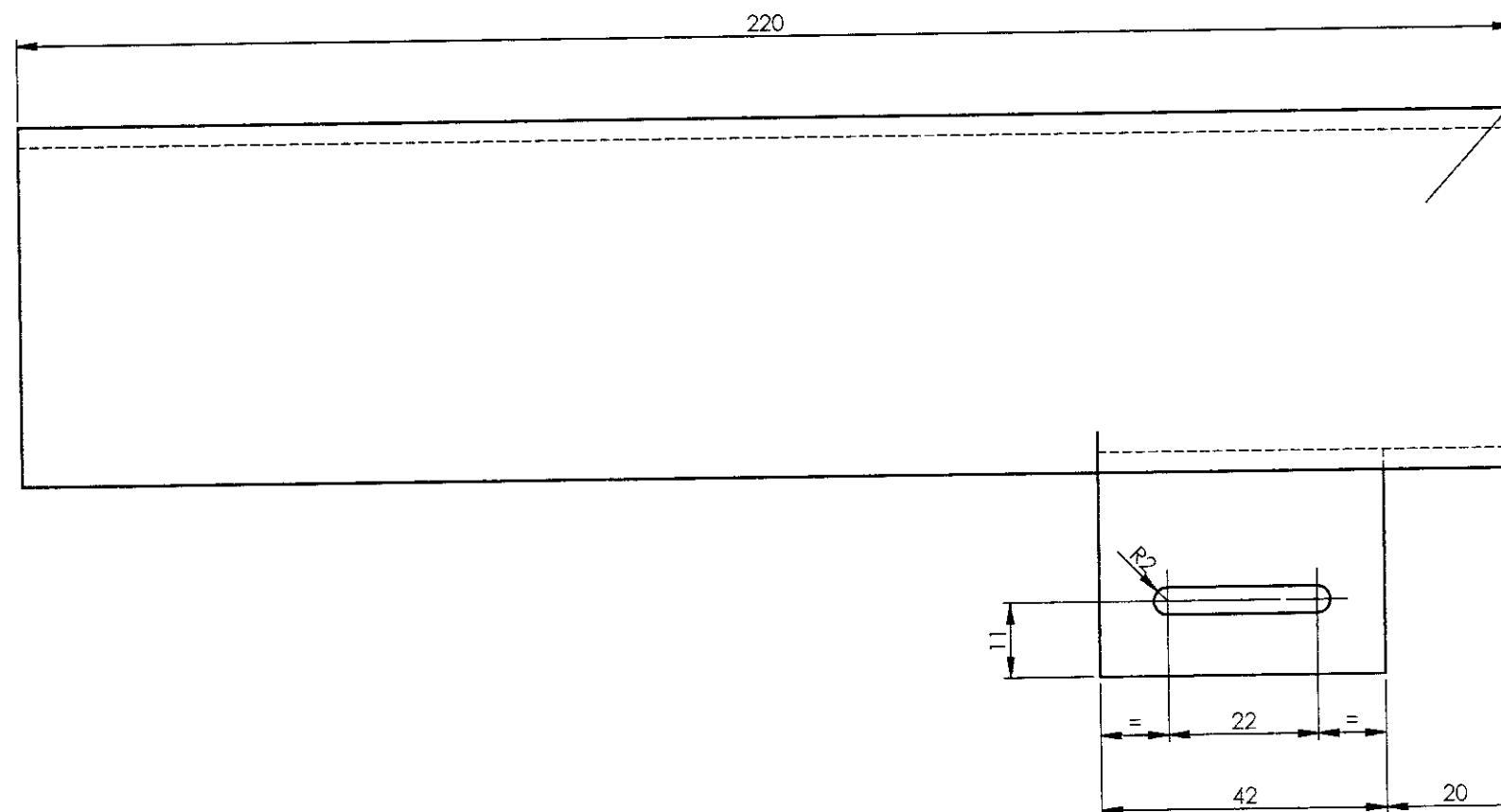
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| -                   | 11-01-2022          |               |
| DATE OF LATEST ALT. | DATE OF FIRST ISSUE | A.M.E./S.M.E. |

|  |                          |                        |          |                 |   |                |   |
|--|--------------------------|------------------------|----------|-----------------|---|----------------|---|
| 1  | BRACKET FOR LUGGAGE RACK | 3 x 145 x 220          | 1        |                 | RDSO/SPEC C-K201 X2CrNi12   | 0.55           |   |
| QTY                                      | DESCRIPTION              | DIMENSIONS             | ITEM NO. | REF. DRGS       | MATL.SPEC.  | WT/UNIT IN KGS | REMARKS   |
| GROUP: 1-4 Body Side Walls               |                          | SURFACE AREA IN Sq.m.: |          |                 | WT/ASSY IN Kgs:   |                |   |
| BRACKET FOR LUGGAGE RACK                 |                          |                        |          |                 | SCALE   | SSE/D          |  |
|  |                          |                        |          |                 | 1:1   | CHD            |   |
|  |                          |                        |          |                 | ALT.  | ALTD           |   |
|  |                          |                        |          |                 |   | DRN            | A.Palanichamy   |
| INDIAN RAILWAY STANDARDS                 |                          |                        |          | SHEET<br>1 OF 1 |  |                |   |
|  |                          |                        |          |                 |   |                |   |
| INTEGRAL COACH FACTORY, CHENNAI - 600038 |                          |                        |          |                 | AAH14087  |                | A3  |

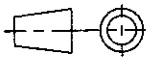
AAH14088

|                          |                 |
|--------------------------|-----------------|
| ▽ ROUGH MACHINED         | ① ROUGH CLEANED |
| ▽▽ FINISH MACHINED       | ② BURRS REMOVED |
| ▽▽▽ FINE FINISH MACHINED | ③ CHAMFERED     |

| REVISIONS |      |             |  | APPROVED & DATE |
|-----------|------|-------------|--|-----------------|
| ALT.      | ZONE | DESCRIPTION |  |                 |



ISOMETRIC VIEW

|  |                          |               |                        |                 |   |                |         |
|--|--------------------------|---------------|------------------------|-----------------|---|----------------|---------|
| 1  | BRACKET FOR LUGGAGE RACK | 3 x 145 x 220 | 1                      |                 | RDSO/SPEC C-<br>K201 X2CrNi12   | 0.55           |         |
| Default  | DESCRIPTION              | DIMENSIONS    | ITEM NO.               | REF. DRGS       | MATL.SPEC.  | WT/UNIT IN KGS | REMARKS |
| GROUP: 1-4 Body Side Walls   |                          |               | SURFACE AREA IN Sq.m.: |                 | WT/ASSY IN Kgs:   |                |         |
| BRACKET FOR LUGGAGE RACK   |                          |               |                        |                 | SCALE   | SSE/D          | A-5     |
|  |                          |               |                        |                 | 1:1   | CHD            |         |
|  |                          |               |                        |                 | ALT.  | ALTD           |         |
|  |                          |               |                        |                 | DRN   | A.Palanichamy  |         |
| INDIAN RAILWAY STANDARDS<br><br>INTEGRAL COACH FACTORY, CHENNAI - 600038 |                          |               |                        | SHEET<br>1 OF 1 |  |                |         |
|  |                          |               |                        |                 | AAH14088  |                | A3      |

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REF.DRG.NO.:-

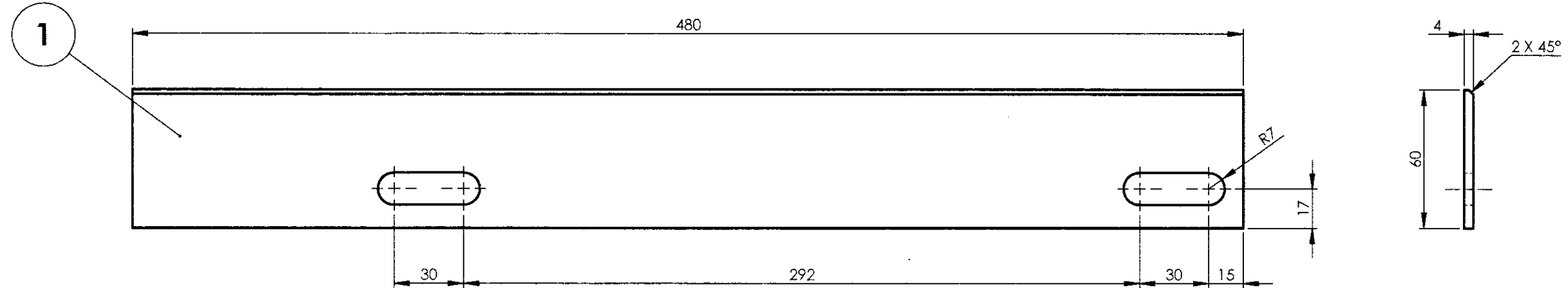
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| -                   | 11-01-2022          | AME/SME |
| DATE OF LATEST ALT. | DATE OF FIRST ISSUE |         |

AAH14089

|                          |                  |
|--------------------------|------------------|
| ▽ ROUGH MACHINED         | ① ROUGH CLEANED  |
| ▽▽ FINISH MACHINED       | ①b BURRS REMOVED |
| ▽▽▽ FINE FINISH MACHINED | ①B CHAMFERED     |

## REVISIONS

| ALT. | ZONE | DESCRIPTION | APPROVED & DATE |
|------|------|-------------|-----------------|
|------|------|-------------|-----------------|



|  |                            |              |          |                        |                           |                 |                |
|--|----------------------------|--------------|----------|------------------------|---------------------------|-----------------|----------------|
| 1  | BACKPIECE FOR LUGGAGE RACK | 4 x 60 x 480 | 1        |                        | RDSO/SPEC C-K201 X2CrNi12 | 0.88            |                |
| QTY                                      | DESCRIPTION                | DIMENSIONS   | ITEM NO. | REF. DRGS              | MATL.SPEC.                | WT/UNIT IN KGS  | REMARKS        |
| GROUP: 1-4 Body Side Walls               |                            |              |          | SURFACE AREA IN Sq.m.: |                           | WT/ASSY IN Kgs: |                |
| BACKPIECE FOR LUGGAGE RACK               |                            |              |          |                        | SCALE                     | SSE/D           | A. Palanichamy |
|  |                            |              |          |                        | 1:2                       | CHD             |                |
|  |                            |              |          |                        | ALT.                      | ALTD            |                |
|  |                            |              |          |                        |                           | DRN             | A. Palanichamy |
| INDIAN RAILWAY STANDARDS                 |                            |              |          | SHEET 1 OF 1           |                           | AAH14089        |                |
| INTEGRAL COACH FACTORY, CHENNAI - 600038 |                            |              |          |                        |                           | A3              |                |
|  | 11-01-2022                 |              |          |                        |                           |                 |                |
| DATE OF LATEST ALT.                      | DATE OF FIRST ISSUE        | AME/SME      |          |                        |                           |                 |                |



AAH14090

|                          |                 |
|--------------------------|-----------------|
| ▽ ROUGH MACHINED         | ⑨ ROUGH CLEANED |
| ▽▽ FINISH MACHINED       | ⑩ BURRS REMOVED |
| ▽▽▽ FINE FINISH MACHINED | ⑪ CHAMFERED     |

REVISIONS

ALT.

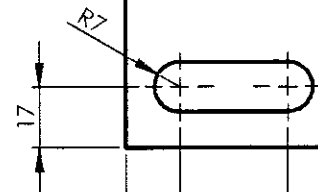
ZONE

DESCRIPTION

APPROVED &  
DATE

1

480

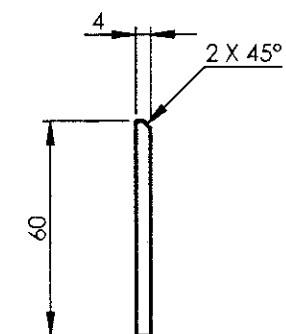


15

30

289

30



4


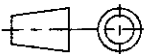
2 X 45°

60

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REF.DRG.NO.-

|                     |                     |         |
|---------------------|---------------------|---------|
| -                   | 11-01-2022          |         |
| DATE OF LATEST ALT. | DATE OF FIRST ISSUE | AME/SME |

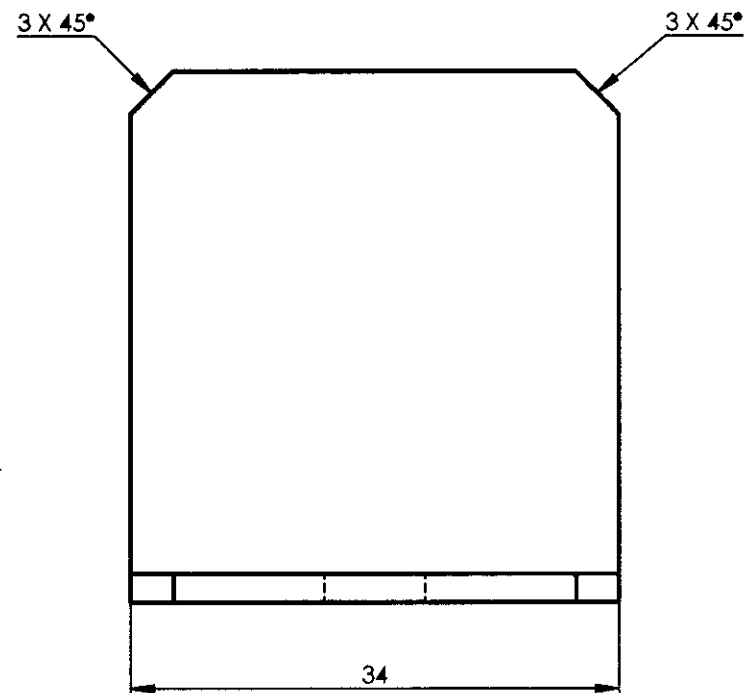
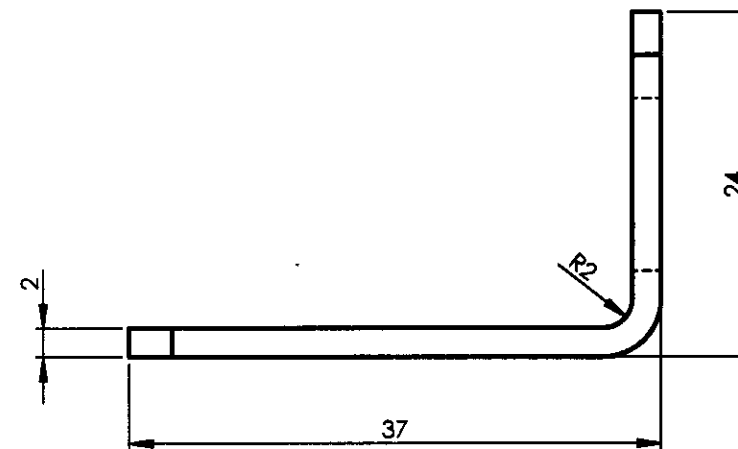
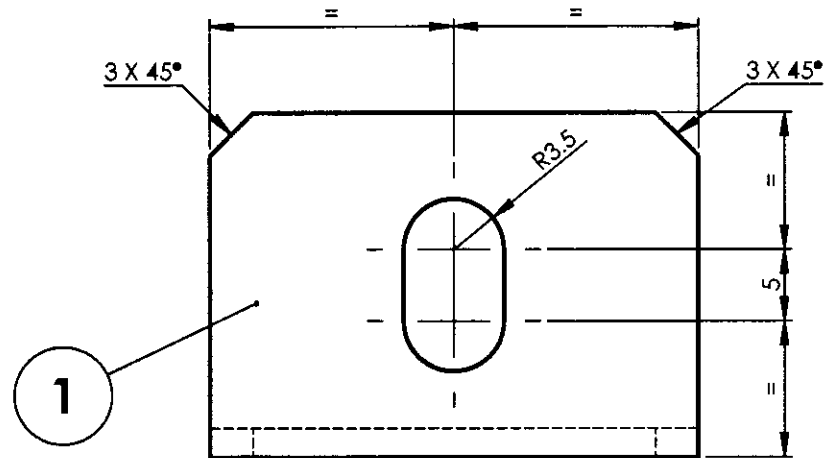
|  |                            |                        |          |                 |   |                |   |
|--|----------------------------|------------------------|----------|-----------------|---|----------------|---|
| 1  | BACKPIECE FOR LUGGAGE RACK | 4 x 60 x 480           | 1        |                 | RDSO/SPEC C-K201 X2CrNi12   | 0.88           |   |
| QTY  | DESCRIPTION                | DIMENSIONS             | ITEM NO. | REF. DRGS       | MATL.SPEC.  | WT/UNIT IN KGS | REMARKS   |
| GROUP: 1-4 Body Side Walls   |                            | SURFACE AREA IN Sq.m.: |          |                 | WT/ASSY IN Kgs:   |                |   |
| BACKPIECE FOR LUGGAGE RACK   |                            |                        |          |                 | SCALE   | SSE/D          |  |
|  |                            |                        |          |                 | 1:2   | CHD            |   |
|  |                            |                        |          |                 | ALT.  | ALTD           |   |
|  |                            |                        |          |                 |   | DRN            | A.Palanichamy   |
| INDIAN RAILWAY STANDARDS<br>INTEGRAL COACH FACTORY, CHENNAI - 600038 |                            |                        |          | SHEET<br>1 OF 1 |  |                |   |
|  |                            |                        |          |                 | AAH14090  |                | A3  |

AAH14419

|                          |                  |
|--------------------------|------------------|
| ▽ ROUGH MACHINED         | ① ROUGH CLEANED  |
| ▽▽ FINISH MACHINED       | ①b BURRS REMOVED |
| ▽▽▽ FINE FINISH MACHINED | ①8 CHAMFERED     |

## REVISIONS

| ALT. | ZONE | DESCRIPTION | APPROVED & DATE |
|------|------|-------------|-----------------|
|------|------|-------------|-----------------|



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REF.DRG.NO.-

|                     |                     |         |
|---------------------|---------------------|---------|
| -                   | 26-04-2022          | AME/SME |
| DATE OF LATEST ALT. | DATE OF FIRST ISSUE | AME/SME |

|  |             |            |          |                        |                              |                 |                |
|--|-------------|------------|----------|------------------------|------------------------------|-----------------|----------------|
| 1  | BRACKET     | 2x34x57    | 1        |                        | RDSO SPEC C-K201 X2 Cr Ni 12 | 0.03            |                |
| QTY                                      | DESCRIPTION | DIMENSIONS | ITEM NO. | REF. DRGS              | MATL.SPEC.                   | WT/UNIT IN KGS  | REMARKS        |
| GROUP: 1-4 Body Side Walls               |             |            |          | SURFACE AREA IN Sq.m.: |                              | WT/ASSY IN Kgs: |                |
| BRACKET                                  |             |            |          |                        | SCALE                        | SSE/D           | A. Palanichamy |
|  |             |            |          |                        | 2:1                          | CHD             |                |
|  |             |            |          |                        | ALT.                         | ALTD            |                |
|  |             |            |          |                        |                              | DRN             | A. Palanichamy |
| INDIAN RAILWAY STANDARDS                 |             |            |          |                        | SHEET 1 OF 1                 |                 |                |
| INTEGRAL COACH FACTORY, CHENNAI - 600038 |             |            |          |                        | AAH14419                     |                 | A3             |

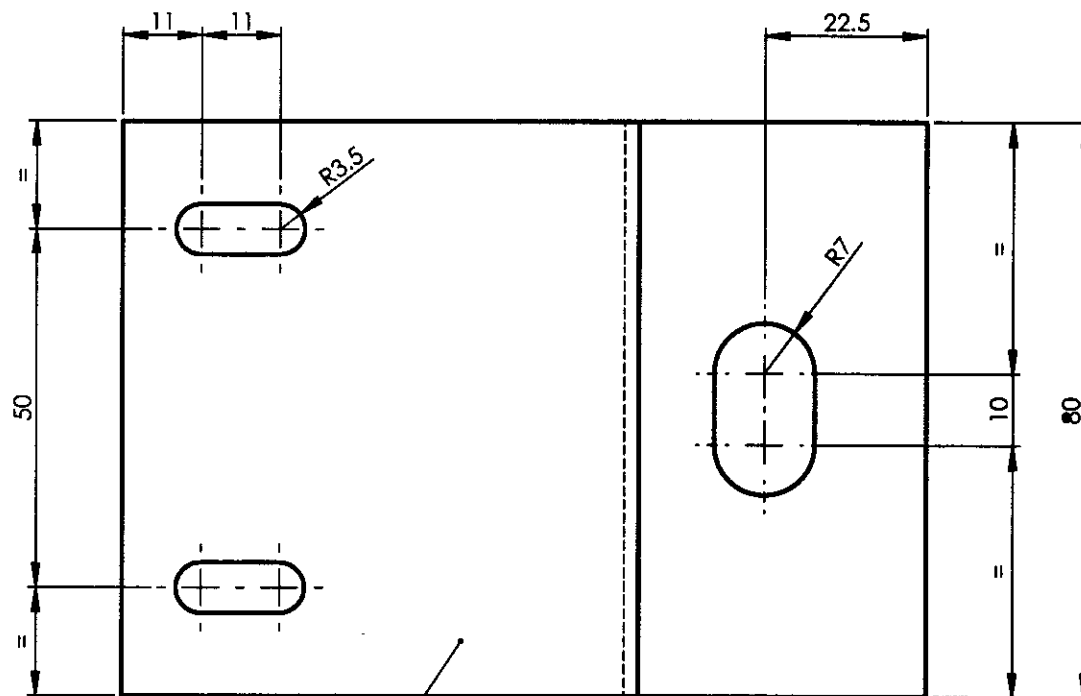
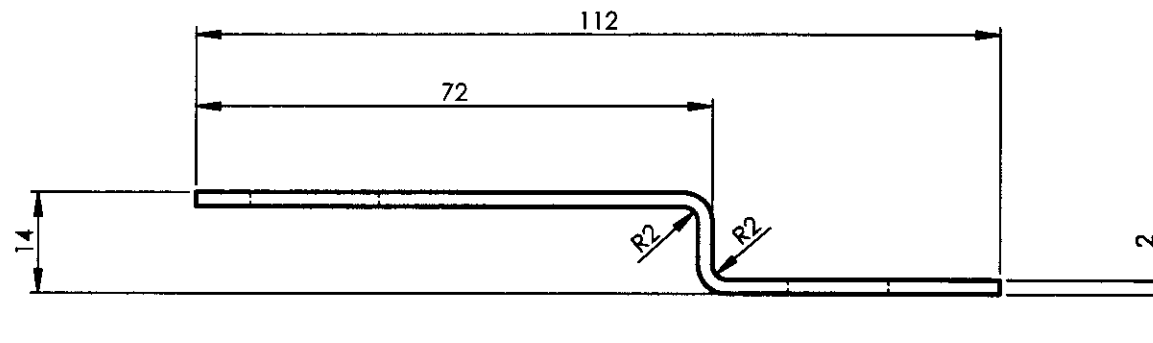
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|---|--|---|--|--------------------------|--|-----------------|--|-----------|--|------|--|-------------|--|-----------------|--|
| 1   |  | 2 |  | 3                        |  | 4               |  | 5         |  | 6    |  | 7           |  | 8               |  |
| AAH14420  |  |   |  | ▽ ROUGH MACHINED         |  | ① ROUGH CLEANED |  | REVISIONS |  |      |  |             |  |                 |  |
|   |  |   |  | ▽▽ FINISH MACHINED       |  | ② BURRS REMOVED |  | ALT.      |  | ZONE |  | DESCRIPTION |  | APPROVED & DATE |  |
|   |  |   |  | ▽▽▽ FINE FINISH MACHINED |  | ③ CHAMFERED     |  |           |  |      |  |             |  |                 |  |
| A   |  |   |  |                          |  |                 |  |           |  |      |  |             |  |                 |  |
| B   |  |   |  |                          |  |                 |  |           |  |      |  |             |  |                 |  |
| C   |  |   |  |                          |  |                 |  |           |  |      |  |             |  |                 |  |
| D   |  |   |  |                          |  |                 |  |           |  |      |  |             |  |                 |  |
| E   |  |   |  |                          |  |                 |  |           |  |      |  |             |  |                 |  |
| F   |  |   |  |                          |  |                 |  |           |  |      |  |             |  |                 |  |
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|   |  |   |  |                          |  |                 |  |           |  |      |  |             |  |                 |  |
| REF.DRG.NO.-  |  |   |  |                          |  |                 |  |           |  |      |  |             |  |                 |  |
| 26-04-2022  |  |   |  |                          |  |                 |  |           |  |      |  |             |  |                 |  |
| AME/SME   |  |   |  |                          |  |                 |  |           |  |      |  |             |  |                 |  |
| INDIAN RAILWAY STANDARDS  |  |   |  |                          |  |                 |  |           |  |      |  |             |  |                 |  |
| INTEGRAL COACH FACTORY, CHENNAI - 600038  |  |   |  |                          |  |                 |  |           |  |      |  |             |  |                 |  |
| SHEET 1 OF 1  |  |   |  |                          |  |                 |  |           |  |      |  |             |  |                 |  |
| AAH14420  |  |   |  |                          |  |                 |  |           |  |      |  |             |  |                 |  |
| A3  |  |   |  |                          |  |                 |  |           |  |      |  |             |  |                 |  |

AAH14421

|                          |                 |
|--------------------------|-----------------|
| ▽ ROUGH MACHINED         | ① ROUGH CLEANED |
| ▽▽ FINISH MACHINED       | ② BURRS REMOVED |
| ▽▽▽ FINE FINISH MACHINED | ③ CHAMFERED     |

## REVISIONS

| ALT. | ZONE | DESCRIPTION | APPROVED & DATE |
|------|------|-------------|-----------------|
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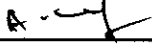



1

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REF.DRG.NO.-

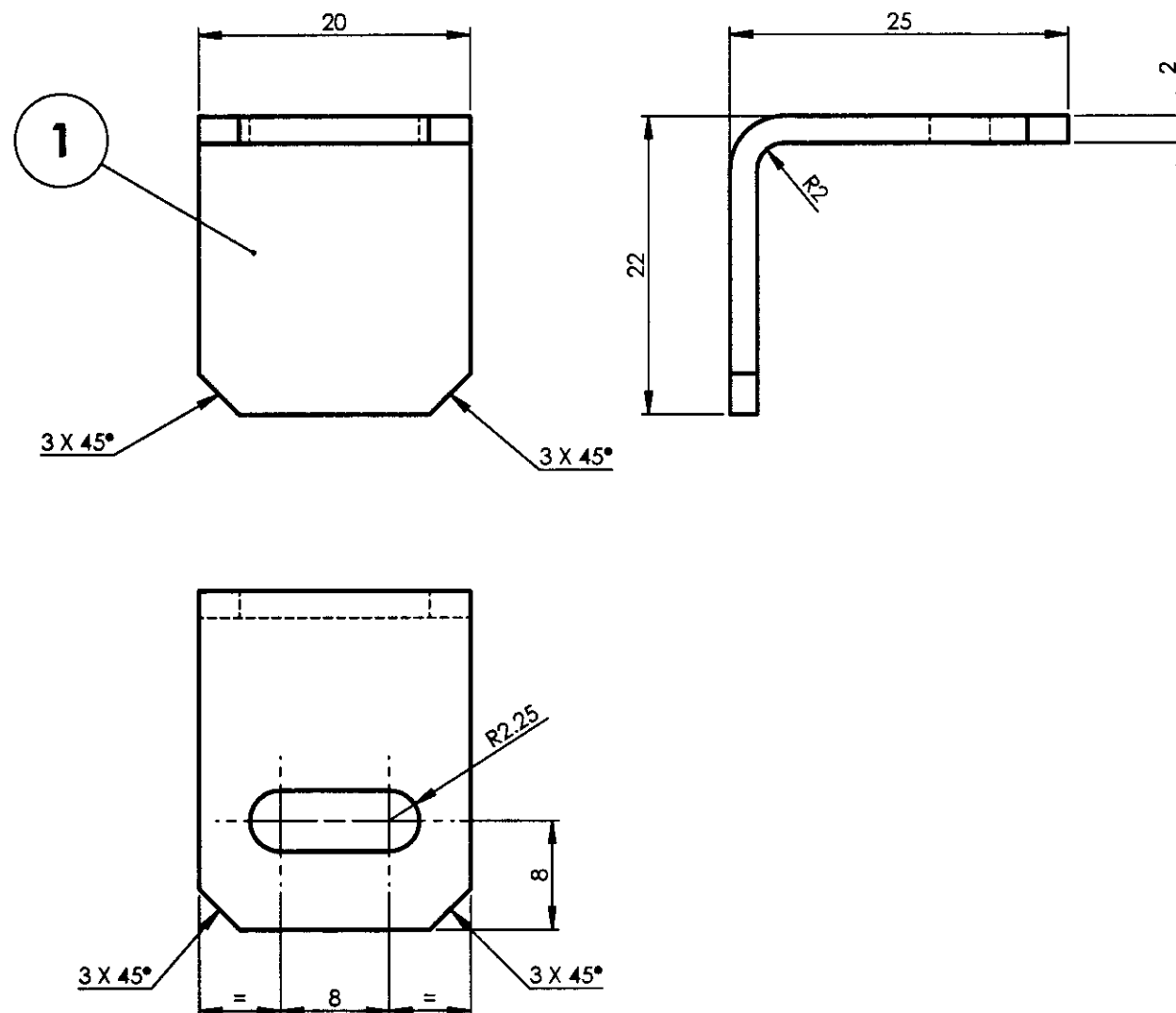
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| -                   | 26-04-2012          |         |
| DATE OF LATEST ALT. | DATE OF FIRST ISSUE | AME/SME |

|  |             |                        |             |                 |   |                   |   |
|--|-------------|------------------------|-------------|-----------------|---|-------------------|---|
| 1  | BRACKET     | 2x80x120               | 1           |                 | RDSO SPEC C-<br>K201 X2 Cr NI 12  | 0.15              |   |
| QTY  | DESCRIPTION | DIMENSIONS             | ITEM<br>NO. | REF. DRGS       | MATL.SPEC.  | WT/UNIT<br>IN KGS | REMARKS   |
| GROUP: 1-4 Body Side Walls   |             | SURFACE AREA IN Sq.m.: |             |                 | WT/ASSY IN Kgs:   |                   |   |
| BRACKET  |             |                        |             |                 | SCALE   | SSE/D             |  |
|  |             |                        |             |                 | 1:1   | CHD               |   |
|  |             |                        |             |                 | ALT.  | ALTD              |   |
|  |             |                        |             |                 |   | DRN               | A.Palanichamy   |
| INDIAN RAILWAY STANDARDS<br><br>INTEGRAL COACH FACTORY, CHENNAI - 600038 |             |                        |             | SHEET<br>1 OF 1 |  |                   |   |
|  |             |                        |             |                 | AAH14421  |                   | A3  |

AAH14440

|                          |                 |
|--------------------------|-----------------|
| ▽ ROUGH MACHINED         | ① ROUGH CLEANED |
| ▽▽ FINISH MACHINED       | ② BURRS REMOVED |
| ▽▽▽ FINE FINISH MACHINED | ③ CHAMFERED     |

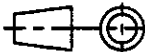
| REVISIONS |      |             |                    |
|-----------|------|-------------|--------------------|
| ALT.      | ZONE | DESCRIPTION | APPROVED &<br>DATE |



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|---------------------|---------------------|---------|
| -                   | 26-04-2022          | Sh      |
| DATE OF LATEST ALT. | DATE OF FIRST ISSUE | AME/SME |

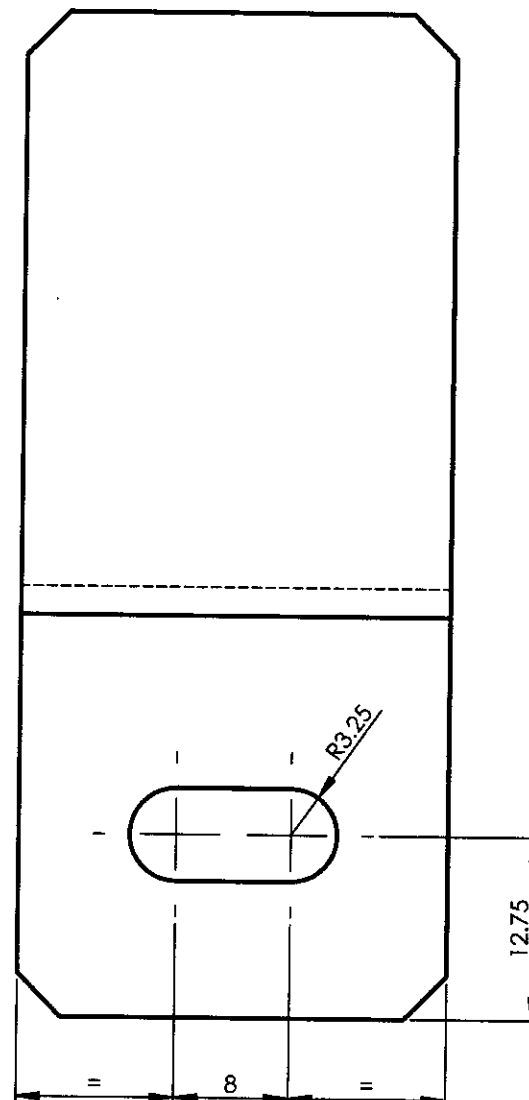
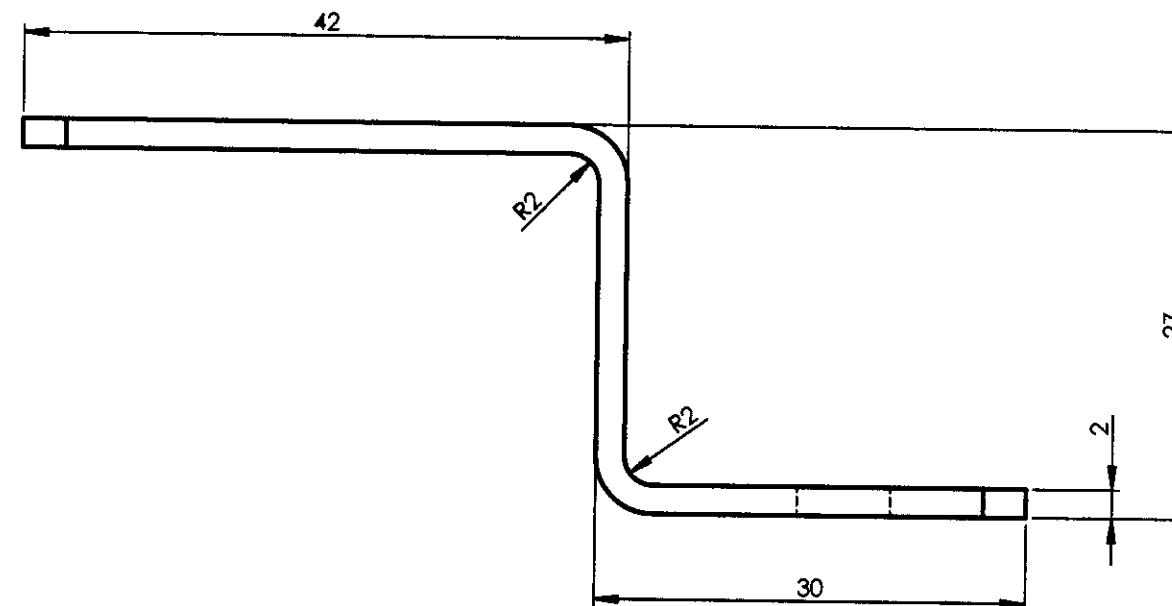
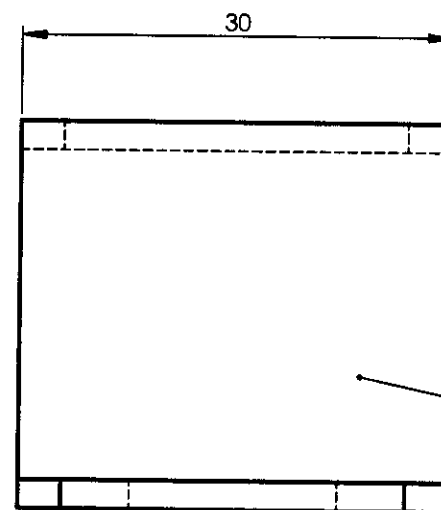
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|--|-------------|------------------------|----------|-----------------|------------------------------|---|---------|
| 1  | ANGLE       | 2x20x43                | 1        |                 | RDSO SPEC C-K201 X2 Cr Ni 12 | 0.01  |         |
| QTY                                      | DESCRIPTION | DIMENSIONS             | ITEM NO. | REF. DRGS       | MATL.SPEC.                   | WT/UNIT IN KGS  | REMARKS |
| GROUP: 1-4 Body Side Walls               |             | SURFACE AREA IN Sq.m.: |          |                 | WT/ASSY IN Kgs:              |   |         |
| ANGLE                                    |             |                        |          |                 | SCALE                        | SSE/D   | A. Jy   |
|  |             |                        |          |                 | 2:1                          | CHD   |         |
|  |             |                        |          |                 | ALT.                         | ALTD  |         |
|  |             |                        |          |                 | DRN                          | A.Palanichamy   |         |
| INDIAN RAILWAY STANDARDS                 |             |                        |          | SHEET<br>1 OF 1 |                              |  |         |
|  |             |                        |          |                 |                              |   |         |
| INTEGRAL COACH FACTORY, CHENNAI - 600038 |             |                        |          |                 |                              | AAH14440  |         |
|  |             | A3                     |          |                 |                              |   |         |

AAH14441

|                          |                  |
|--------------------------|------------------|
| ▽ ROUGH MACHINED         | ① ROUGH CLEANED  |
| ▽▽ FINISH MACHINED       | ①b BURRS REMOVED |
| ▽▽▽ FINE FINISH MACHINED | ①c CHAMFERED     |

## REVISIONS

| ALT. | ZONE | DESCRIPTION | APPROVED & DATE |
|------|------|-------------|-----------------|
|------|------|-------------|-----------------|



|  |             |            |          |                        |                              |                 |               |
|--|-------------|------------|----------|------------------------|------------------------------|-----------------|---------------|
| 1  | BRACKET     | 2x30x91    | 1        |                        | RDSO SPEC C-K201 X2 Cr Ni 12 | 0.04            |               |
| QTY                                      | DESCRIPTION | DIMENSIONS | ITEM NO. | REF. DRGS              | MATL.SPEC.                   | WT/UNIT IN KGS  | REMARKS       |
| GROUP: 1-4 Body Side Walls               |             |            |          | SURFACE AREA IN Sq.m.: |                              | WT/ASSY IN Kgs: |               |
| BRACKET                                  |             |            |          |                        | SCALE                        | SSE/D           |               |
|  |             |            |          |                        | 2:1                          | CHD             |               |
|  |             |            |          |                        | ALT.                         | ALTD            |               |
|  |             |            |          |                        |                              | DRN             | A.Palanichamy |
| INDIAN RAILWAY STANDARDS                 |             |            |          | SHEET 1 OF 1           |                              | AAH14441        |               |
| INTEGRAL COACH FACTORY, CHENNAI - 600038 |             |            |          |                        |                              | A3              |               |

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| -                   | 26-04-2022          |         |
| DATE OF LATEST ALT. | DATE OF FIRST ISSUE | AME/SME |

AAH14442

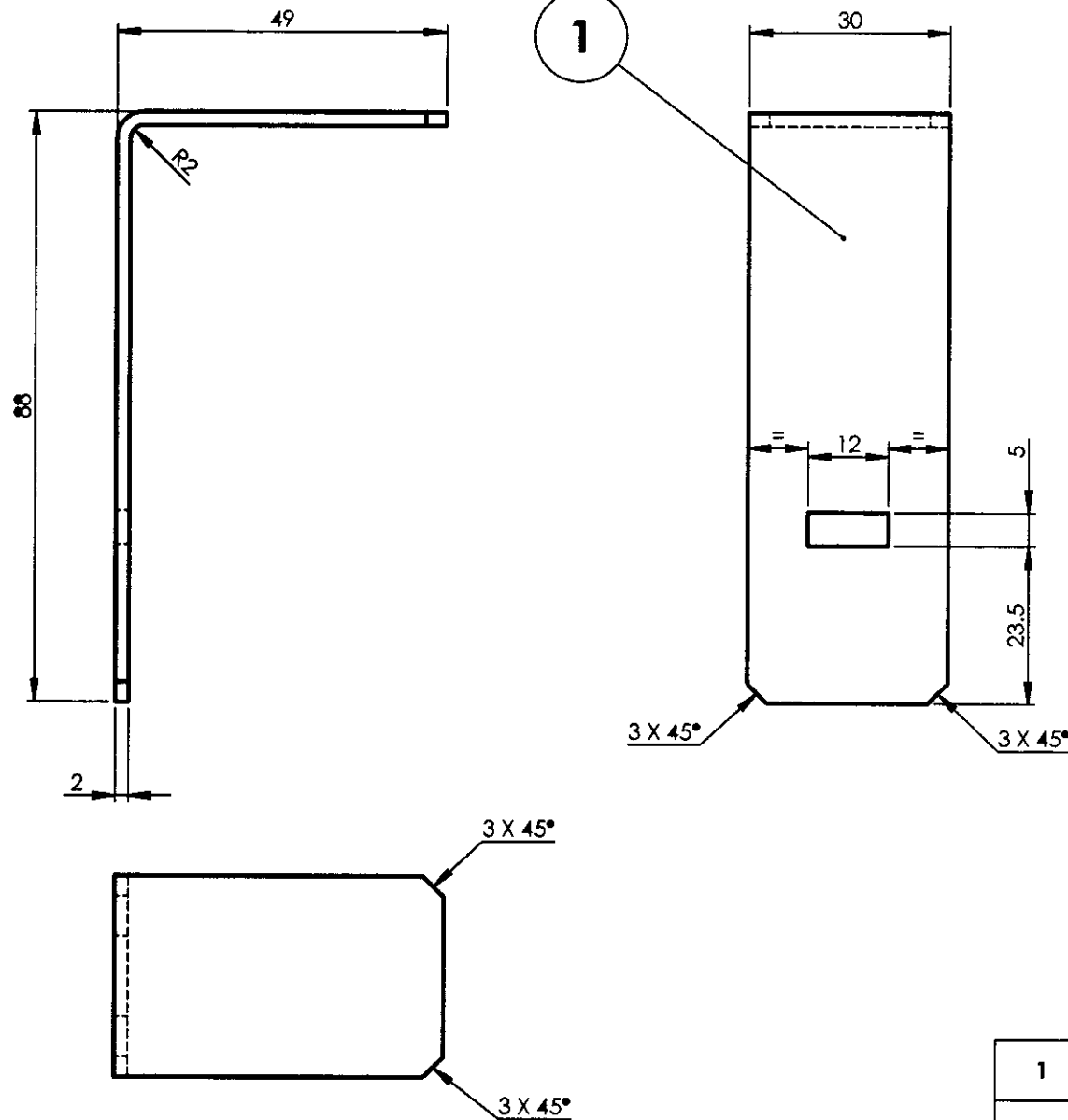
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|--------------------------|-------------------|
| ▽ ROUGH MACHINED         | 01 ROUGH CLEANED  |
| ▽▽ FINISH MACHINED       | 01b BURRS REMOVED |
| ▽▽▽ FINE FINISH MACHINED | 18 CHAMFERED      |


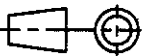
## REVISIONS

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ZONE

DESCRIPTION

APPROVED &  
DATE

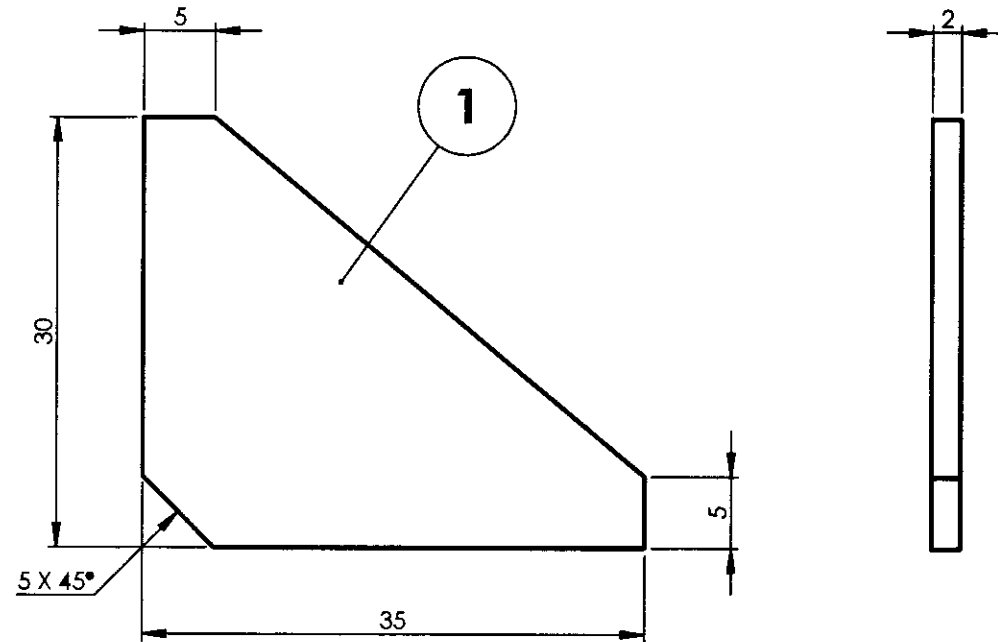
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|--|-------------|------------------------|----------|-----------------|---|----------------|---|
| 1  | ANGLE       | 2x30x133               | 1        |                 | RDSO/SPEC C-K201 X2CrNi12   | 0.06           |   |
| QTY  | DESCRIPTION | DIMENSIONS             | ITEM NO. | REF. DRGS       | MATL.SPEC.  | WT/UNIT IN KGS | REMARKS   |
| GROUP: 1-4 Body Side Walls   |             | SURFACE AREA IN Sq.m.: |          |                 | WT/ASSY IN Kgs:   |                |   |
| ANGLE  |             |                        |          |                 | SCALE   | SSE/D          |  |
|  |             |                        |          |                 | 1:1   | CHD            |   |
|  |             |                        |          |                 | ALT.  | ALTD           |   |
|  |             |                        |          |                 |   | DRN            | A.Palanichamy   |
| INDIAN RAILWAY STANDARDS<br>INTEGRAL COACH FACTORY, CHENNAI - 600038 |             |                        |          | SHEET<br>1 OF 1 |  |                |   |
|  |             |                        |          |                 | AAH14442  |                | A3  |

AAH14443

|                          |                 |
|--------------------------|-----------------|
| ▽ ROUGH MACHINED         | ① ROUGH CLEANED |
| ▽▽ FINISH MACHINED       | ② BURRS REMOVED |
| ▽▽▽ FINE FINISH MACHINED | ③ CHAMFERED     |

## REVISIONS

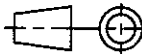
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|------|------|-------------|-----------------|



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| -                   | 26-04-2022          | Sh      |
| DATE OF LATEST ALT. | DATE OF FIRST ISSUE | AME/SME |

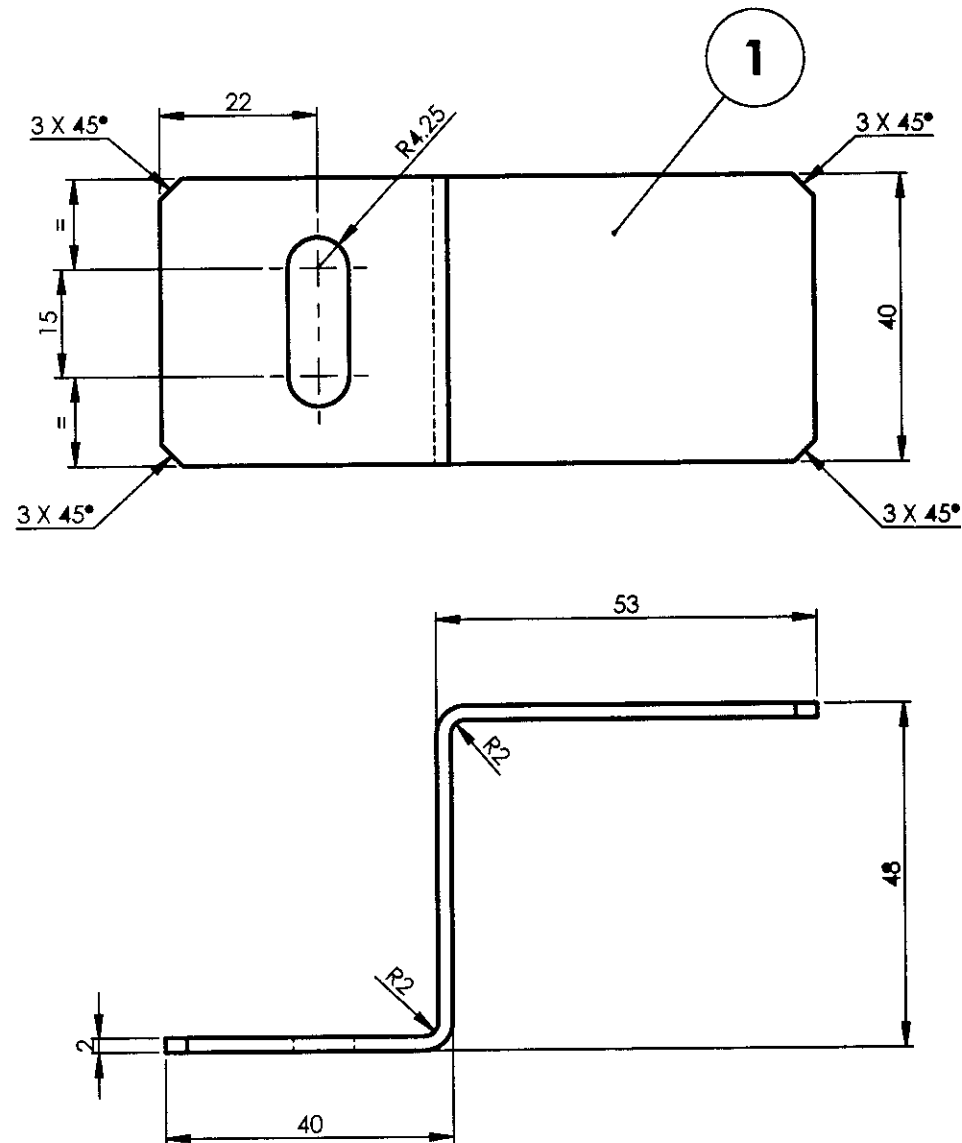
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| 1  | RIB         | 2x30x35                | 1        |                 | RDSO/SPEC C-K201 X2CrNi12   | 0.01           |               |
| QTY  | DESCRIPTION | DIMENSIONS             | ITEM NO. | REF. DRGS       | MATL.SPEC.  | WT/UNIT IN KGS | REMARKS       |
| GROUP: 1-4 Body Side Walls   |             | SURFACE AREA IN Sq.m.: |          |                 | WT/ASSY IN Kgs:   |                |               |
| RIB  |             |                        |          |                 | SCALE   | SSE/D          | A-7           |
|  |             |                        |          |                 | 2:1   | CHD            |               |
|  |             |                        |          |                 | ALT.  | ALTD           |               |
|  |             |                        |          |                 |   | DRN            | A.Palanichamy |
| INDIAN RAILWAY STANDARDS<br>INTEGRAL COACH FACTORY, CHENNAI - 600038 |             |                        |          | SHEET<br>1 OF 1 |  |                |               |
|  |             |                        |          |                 | AAH14443  |                | A3            |



AAH14444

|                          |                   |
|--------------------------|-------------------|
| ▽ ROUGH MACHINED         | 01 ROUGH CLEANED  |
| ▽▽ FINISH MACHINED       | 01b BURRS REMOVED |
| ▽▽▽ FINE FINISH MACHINED | 08 CHAMFERED      |

| REVISIONS |      |             |                    |
|-----------|------|-------------|--------------------|
| ALT.      | ZONE | DESCRIPTION | APPROVED &<br>DATE |



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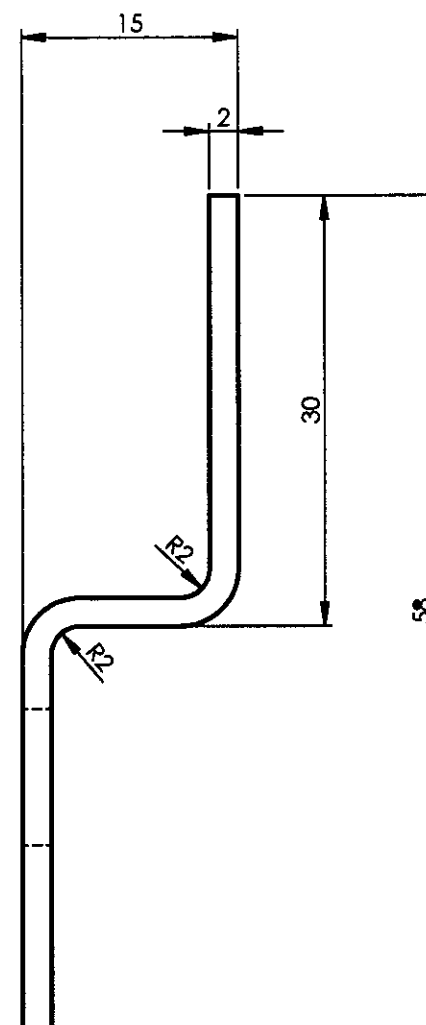
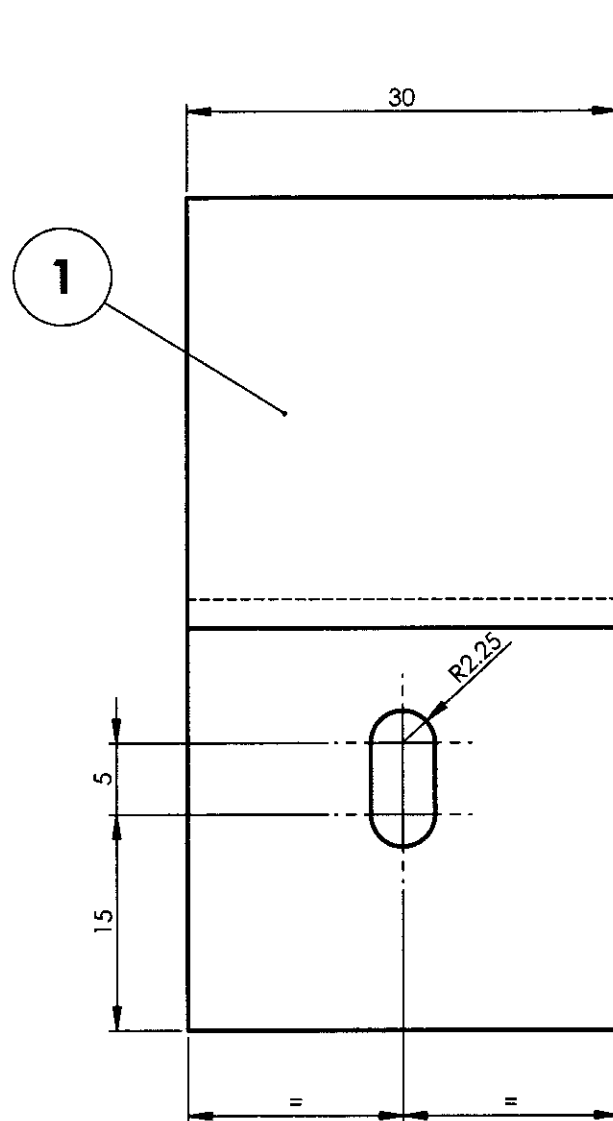
REF.DRG.NO.:-

| 1  | BRACKET     | 2x40x133            | 1           |                        | RDSO/SPEC C-<br>K201 X2CrNi12 | 0.08              |                |
|--|-------------|---------------------|-------------|------------------------|-------------------------------|-------------------|----------------|
| QTY                                      | DESCRIPTION | DIMENSIONS          | ITEM<br>NO. | REF. DRGS              | MATL.SPEC.                    | WT/UNIT<br>IN KGS | REMARKS        |
| GROUP: 1-4 Body Side Walls               |             |                     |             | SURFACE AREA IN Sq.m.: |                               | WT/ASSY IN Kgs:   |                |
| BRACKET                                  |             |                     |             |                        | SCALE<br>1:1                  | SSE/D<br>CHD      | A. Palanichamy |
|  |             |                     |             |                        | ALT.                          | ALTD<br>DRN       |                |
|  |             |                     |             |                        |                               |                   |                |
|  |             |                     |             |                        |                               |                   |                |
| INDIAN RAILWAY STANDARDS                 |             |                     |             | SHEET<br>1 OF 1        |                               | AAH14444          |                |
| INTEGRAL COACH FACTORY, CHENNAI - 600038 |             |                     |             |                        |                               | A3                |                |
| DATE OF LATEST ALT.                      |             | DATE OF FIRST ISSUE |             | AME/SME                |                               |                   |                |
| -  |             | 26-04-2022          |             | Sh                     |                               |                   |                |

AAH14445

|                          |                  |
|--------------------------|------------------|
| ▽ ROUGH MACHINED         | ① ROUGH CLEANED  |
| ▽▽ FINISH MACHINED       | ①b BURRS REMOVED |
| ▽▽▽ FINE FINISH MACHINED | ①c CHAMFERED     |

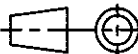
| REVISIONS |      |             |                    |
|-----------|------|-------------|--------------------|
| ALT.      | ZONE | DESCRIPTION | APPROVED &<br>DATE |



ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED. FOR UNTOLERANCED DIMENSIONS AND ROUGHNESS VALUES, REFER DRAWING NO ICF/STD-9-0-001.  
ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER THIS DRAWING INVALID. WELDING SYMBOLS ARE AS PER IS: 813-1986.  
WEIGHT GIVEN IN DRAWING IS FOR INDICATIVE PURPOSE ONLY

REF.DRG.NO.-

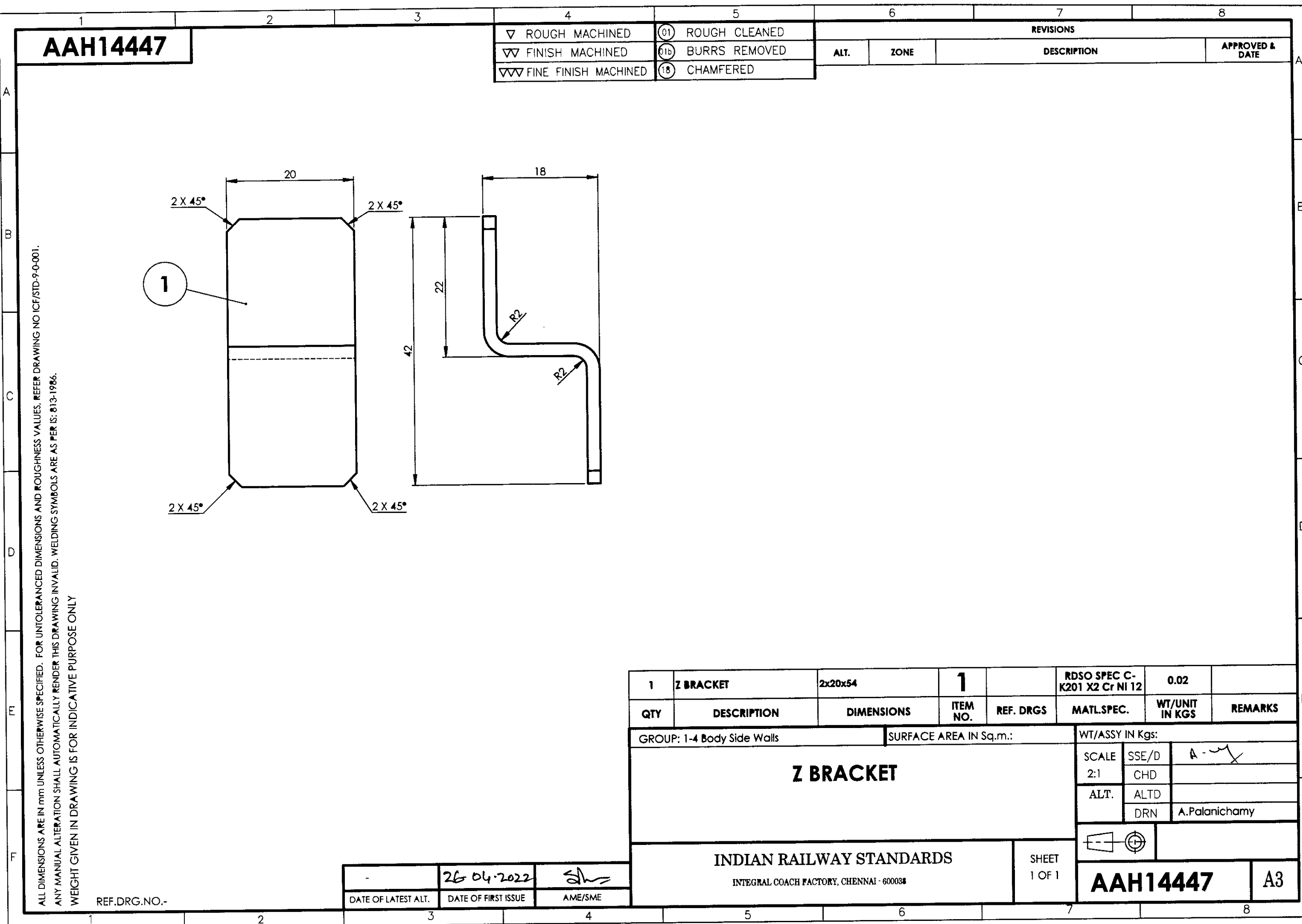
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| -                   | 26-04-2022          | gls     |
| DATE OF LATEST ALT. | DATE OF FIRST ISSUE | AME/SME |

|  |             |                        |          |                 |   |                |               |
|--|-------------|------------------------|----------|-----------------|---|----------------|---------------|
| 1  | Z BRACKET   | 2x30x67                | 1        |                 | RDSO SPEC C-<br>K201 X2 Cr Ni 12  | 0.03           |               |
| QTY  | DESCRIPTION | DIMENSIONS             | ITEM NO. | REF. DRGS       | MATL.SPEC.  | WT/UNIT IN KGS | REMARKS       |
| GROUP: 1-4 Body Side Walls   |             | SURFACE AREA IN Sq.m.: |          |                 | WT/ASSY IN Kgs:   |                |               |
| Z BRACKET  |             |                        |          |                 | SCALE   | SSE/D          | A ✓           |
|  |             |                        |          |                 | 2:1   | CHD            |               |
|  |             |                        |          |                 | ALT.  | ALTD           |               |
|  |             |                        |          |                 |   | DRN            | A.Palanichamy |
| INDIAN RAILWAY STANDARDS<br><br>INTEGRAL COACH FACTORY, CHENNAI - 600038 |             |                        |          | SHEET<br>1 OF 1 |  |                |               |
|  |             |                        |          |                 | AAH14445  |                | A3            |

|   |  |                     |  |                          |  |                  |  |           |  |                              |  |                 |  |                 |  |
|---|--|---------------------|--|--------------------------|--|------------------|--|-----------|--|------------------------------|--|-----------------|--|-----------------|--|
| 1   |  | 2                   |  | 3                        |  | 4                |  | 5         |  | 6                            |  | 7               |  | 8               |  |
| AAH14446  |  |                     |  | ▽ ROUGH MACHINED         |  | ① ROUGH CLEANED  |  | REVISIONS |  |                              |  |                 |  |                 |  |
|   |  |                     |  | ▽▽ FINISH MACHINED       |  | ①b BURRS REMOVED |  | ALT.      |  | ZONE                         |  | DESCRIPTION     |  | APPROVED & DATE |  |
|   |  |                     |  | ▽▽▽ FINE FINISH MACHINED |  | ①c CHAMFERED     |  |           |  |                              |  |                 |  |                 |  |
| A   |  |                     |  |                          |  |                  |  |           |  |                              |  |                 |  |                 |  |
| B   |  |                     |  |                          |  |                  |  |           |  |                              |  |                 |  |                 |  |
| C   |  |                     |  |                          |  |                  |  |           |  |                              |  |                 |  |                 |  |
| D   |  |                     |  |                          |  |                  |  |           |  |                              |  |                 |  |                 |  |
| E   |  |                     |  |                          |  |                  |  |           |  |                              |  |                 |  |                 |  |
| F   |  |                     |  |                          |  |                  |  |           |  |                              |  |                 |  |                 |  |
| ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED. FOR UNTOLERANCED DIMENSIONS AND ROUGHNESS VALUES, REFER DRAWING NO ICF/STD-9-0-001. ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER THIS DRAWING INVALID. WELDING SYMBOLS ARE AS PER IS: 813-1986. WEIGHT GIVEN IN DRAWING IS FOR INDICATIVE PURPOSE ONLY |  |                     |  |                          |  |                  |  |           |  |                              |  |                 |  |                 |  |
|   |  |                     |  |                          |  |                  |  |           |  |                              |  |                 |  |                 |  |
| 1   |  | Z BRACKET           |  | 2x30x67                  |  | 1                |  | REF. DRGS |  | RDSO SPEC C-K201 X2 Cr NI 12 |  | 0.03            |  | REMARKS         |  |
| QTY   |  | DESCRIPTION         |  | DIMENSIONS               |  | ITEM NO.         |  | REF. DRGS |  | MATL.SPEC.                   |  | WT/UNIT IN KGS  |  | REMARKS         |  |
| GROUP: 1-4 Body Side Walls  |  |                     |  |                          |  |                  |  |           |  | SURFACE AREA IN Sq.m.:       |  | WT/ASSY IN Kgs: |  |                 |  |
| Z BRACKET   |  |                     |  |                          |  |                  |  |           |  | SCALE 2:1                    |  | SSE/D           |  | A. Palanichamy  |  |
|   |  |                     |  |                          |  |                  |  |           |  | ALT.                         |  | ALTD            |  |                 |  |
|   |  |                     |  |                          |  |                  |  |           |  | DRN                          |  | A. Palanichamy  |  |                 |  |
| INDIAN RAILWAY STANDARDS  |  |                     |  |                          |  |                  |  |           |  | SHEET 1 OF 1                 |  | AAH14446 A3     |  |                 |  |
| INTEGRAL COACH FACTORY, CHENNAI - 600038  |  |                     |  |                          |  |                  |  |           |  |                              |  |                 |  |                 |  |
| REF.DRG.NO.-  |  | 26-04-2022          |  | AME/SME                  |  |                  |  |           |  |                              |  |                 |  |                 |  |
| DATE OF LATEST ALT.   |  | DATE OF FIRST ISSUE |  | AME/SME                  |  |                  |  |           |  |                              |  |                 |  |                 |  |
| 1   |  | 2                   |  | 3                        |  | 4                |  | 5         |  | 6                            |  | 7               |  | 8               |  |

|  |  |                     |  |                          |  |                        |  |           |  |                 |  |                |  |               |                 |  |
|--|--|---------------------|--|--------------------------|--|------------------------|--|-----------|--|-----------------|--|----------------|--|---------------|-----------------|--|
| 1  |  | 2                   |  | 3                        |  | 4                      |  | 5         |  | 6               |  | 7              |  | 8             |                 |  |
| AAH14447   |  |                     |  | ▽ ROUGH MACHINED         |  | ① ROUGH CLEANED        |  | REVISIONS |  |                 |  |                |  |               |                 |  |
|  |  |                     |  | ▽▽ FINISH MACHINED       |  | ①b BURRS REMOVED       |  | ALT.      |  | ZONE            |  | DESCRIPTION    |  |               | APPROVED & DATE |  |
|  |  |                     |  | ▽▽▽ FINE FINISH MACHINED |  | ①8 CHAMFERED           |  |           |  |                 |  |                |  |               |                 |  |
| <div><div>1</div><div><div>20</div><div>2 X 45°</div><div>2 X 45°</div><div>2 X 45°</div><div>2 X 45°</div><div>18</div><div>22</div><div>42</div><div>R2</div><div>R2</div></div></div> |  |                     |  |                          |  |                        |  |           |  |                 |  |                |  |               |                 |  |
| <div><div>1</div><div>Z BRACKET</div><div>2x20x54</div><div>1</div><div></div><div>RDSO SPEC C-K201 X2 Cr NI 12</div><div>0.02</div><div></div></div>                                    |  |                     |  |                          |  |                        |  |           |  |                 |  |                |  |               |                 |  |
| QTY  |  | DESCRIPTION         |  | DIMENSIONS               |  | ITEM NO.               |  | REF. DRGS |  | MATL.SPEC.      |  | WT/UNIT IN KGS |  | REMARKS       |                 |  |
| GROUP: 1-4 Body Side Walls   |  |                     |  |                          |  | SURFACE AREA IN Sq.m.: |  |           |  | WT/ASSY IN Kgs: |  |                |  |               |                 |  |
| Z BRACKET  |  |                     |  |                          |  |                        |  |           |  | SCALE           |  | SSE/D          |  | A - X         |                 |  |
|  |  |                     |  |                          |  |                        |  |           |  | 2:1             |  | CHD            |  |               |                 |  |
|  |  |                     |  |                          |  |                        |  |           |  | ALT.            |  | ALTD           |  |               |                 |  |
|  |  |                     |  |                          |  |                        |  |           |  |                 |  | DRN            |  | A.Palanichamy |                 |  |
| INDIAN RAILWAY STANDARDS   |  |                     |  |                          |  |                        |  |           |  | SHEET 1 OF 1    |  | AAH14447 A3    |  |               |                 |  |
| INTEGRAL COACH FACTORY, CHENNAI - 600034   |  |                     |  |                          |  |                        |  |           |  |                 |  |                |  |               |                 |  |
| -  |  | 26 04 2022          |  | SME                      |  |                        |  |           |  |                 |  |                |  |               |                 |  |
| DATE OF LATEST ALT.  |  | DATE OF FIRST ISSUE |  | AME/SME                  |  |                        |  |           |  |                 |  |                |  |               |                 |  |
| REF.DRG.NO.-   |  |                     |  |                          |  |                        |  |           |  |                 |  |                |  |               |                 |  |

|           |      |             |  |   |                 |
|-----------|------|-------------|--|---|-----------------|
| 6         |      | 7           |  | 8 |                 |
| REVISIONS |      |             |  |   |                 |
| ALT.      | ZONE | DESCRIPTION |  |   | APPROVED & DATE |



|          |  |   |  |                          |  |                  |  |           |  |      |  |             |  |   |                 |  |
|----------|--|---|--|--------------------------|--|------------------|--|-----------|--|------|--|-------------|--|---|-----------------|--|
| 1        |  | 2 |  | 3                        |  | 4                |  | 5         |  | 6    |  | 7           |  | 8 |                 |  |
| AAH14447 |  |   |  | ▽ ROUGH MACHINED         |  | ① ROUGH CLEANED  |  | REVISIONS |  |      |  |             |  |   |                 |  |
|          |  |   |  | ▽▽ FINISH MACHINED       |  | ①b BURRS REMOVED |  | ALT.      |  | ZONE |  | DESCRIPTION |  |   | APPROVED & DATE |  |
|          |  |   |  | ▽▽▽ FINE FINISH MACHINED |  | ①8 CHAMFERED     |  |           |  |      |  |             |  |   |                 |  |

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REF.DRG.NO.-

|  |             |            |          |                        |                              |                 |               |
|--|-------------|------------|----------|------------------------|------------------------------|-----------------|---------------|
| 1  | Z BRACKET   | 2x20x54    | 1        |                        | RDSO SPEC C-K201 X2 Cr NI 12 | 0.02            |               |
| QTY                                      | DESCRIPTION | DIMENSIONS | ITEM NO. | REF. DRGS              | MATL.SPEC.                   | WT/UNIT IN KGS  | REMARKS       |
| GROUP: 1-4 Body Side Walls               |             |            |          | SURFACE AREA IN Sq.m.: |                              | WT/ASSY IN Kgs: |               |
| Z BRACKET                                |             |            |          |                        | SCALE                        | SSE/D           | A - X         |
|  |             |            |          |                        | 2:1                          | CHD             |               |
|  |             |            |          |                        | ALT.                         | ALTD            |               |
|  |             |            |          |                        |                              | DRN             | A.Palanichamy |
| INDIAN RAILWAY STANDARDS                 |             |            |          | SHEET 1 OF 1           |                              |                 |               |
| INTEGRAL COACH FACTORY, CHENNAI - 600034 |             |            |          |                        |                              |                 |               |

|                     |                     |         |
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| -                   | 26 04 2022          | Sh      |
| DATE OF LATEST ALT. | DATE OF FIRST ISSUE | AME/SME |

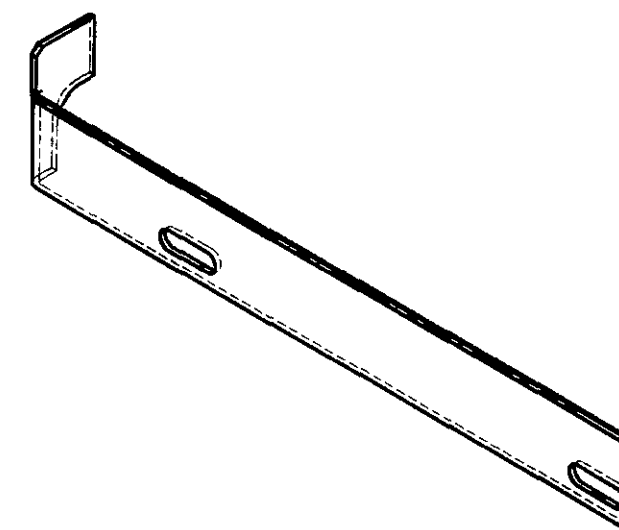
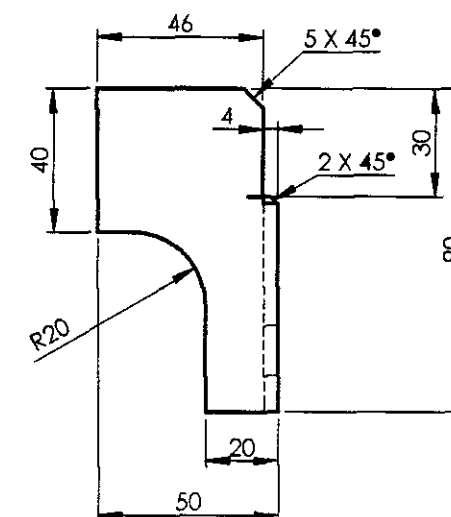
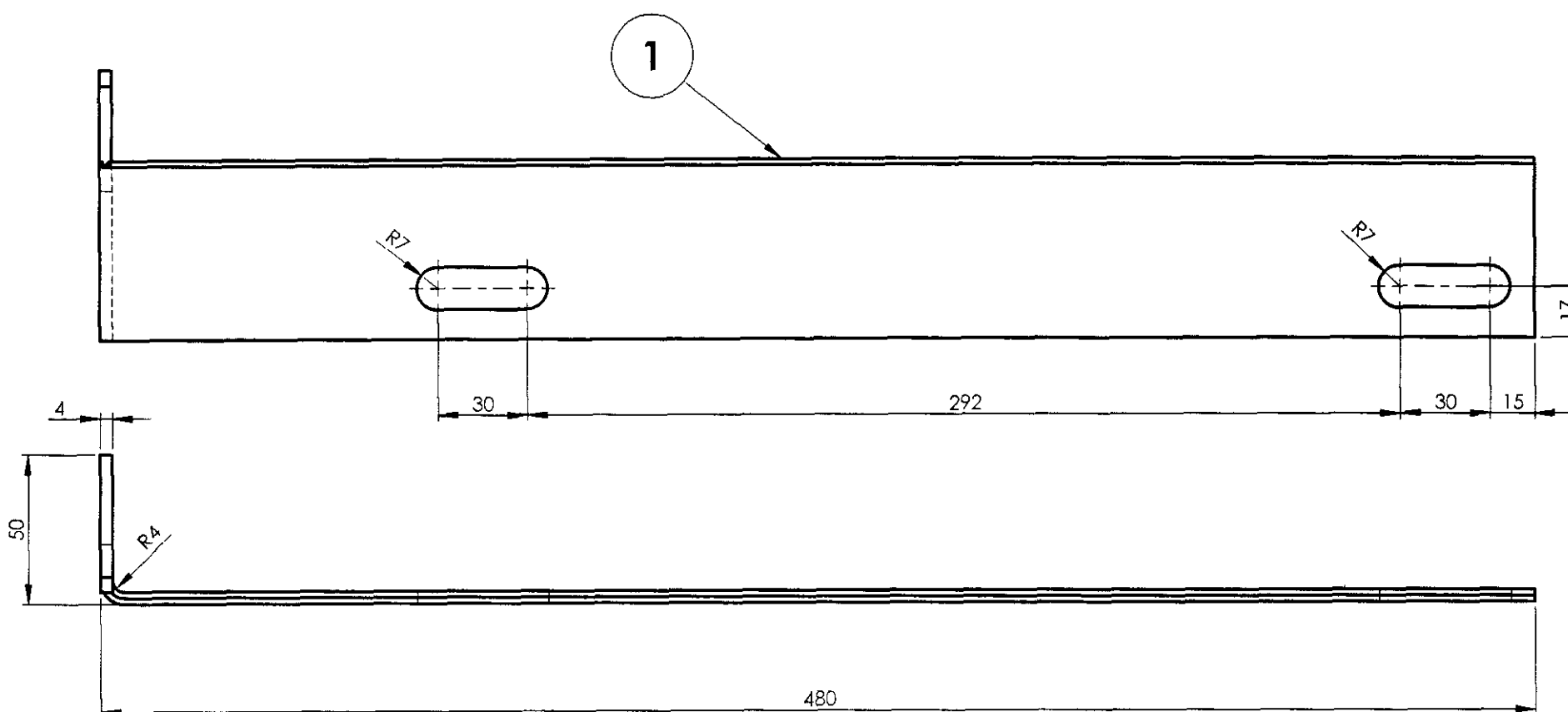
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| AAH14447 |  | A3 |
|----------|--|----|

|          |  |  |  |   |  |             |  |                 |  |
|----------|--|--|--|---|--|-------------|--|-----------------|--|
| AAI14091 |  | ▽ ROUGH MACHINED<br>▽▽ FINISH MACHINED<br>▽▽▽ FINE FINISH MACHINED |  | ① ROUGH CLEANED<br>② BURRS REMOVED<br>⑧ CHAMFERED |  | REVISIONS   |  | APPROVED & DATE |  |
|          |  | ALT.   |  | ZONE  |  | DESCRIPTION |  |                 |  |
| A        |  | B  |  | C   |  | D           |  | E               |  |
| F        |  | G  |  | H   |  | I           |  | J               |  |
| K        |  | L  |  | M   |  | N           |  | O               |  |
| P        |  | Q  |  | R   |  | S           |  | T               |  |
| U        |  | V  |  | W   |  | X           |  | Y               |  |
| Z        |  | AA   |  | AB  |  | AC          |  | AD              |  |
| AE       |  | AF   |  | AG  |  | AH          |  | AI              |  |
| AJ       |  | AK   |  | AL  |  | AM          |  | AN              |  |
| AO       |  | AP   |  | AQ  |  | AR          |  | AS              |  |
| AT       |  | AU   |  | AV  |  | AW          |  | AX              |  |
| AY       |  | AZ   |  | BA  |  | BB          |  | BC              |  |
| BD       |  | BE   |  | BF  |  | BG          |  | BH              |  |
| BI       |  | BJ   |  | BK  |  | BL          |  | BM              |  |
| BN       |  | BO   |  | BP  |  | BQ          |  | BR              |  |
| BS       |  | BT   |  | BU  |  | BV          |  | BW              |  |
| BX       |  | BY   |  | BZ  |  | CA          |  | CB              |  |
| CC       |  | CD   |  | CE  |  | CF          |  | CG              |  |
| CH       |  | CI   |  | CJ  |  | CK          |  | CL              |  |
| CM       |  | CN   |  | CO  |  | CP          |  | CQ              |  |
| CR       |  | CS   |  | CT  |  | CU          |  | CV              |  |
| CW       |  | CX   |  | CY  |  | CZ          |  | DA              |  |
| DB       |  | DC   |  | DD  |  | DE          |  | DF              |  |
| DG       |  | DH   |  | DI  |  | DJ          |  | DK              |  |
| DL       |  | DM   |  | DN  |  | DO          |  | DP              |  |
| DQ       |  | DR   |  | DS  |  | DT          |  | DU              |  |
| DV       |  | DW   |  | DX  |  | DY          |  | EZ              |  |
| FA       |  | FB   |  | FC  |  | FD          |  | FE              |  |
| FF       |  | FG   |  | FH  |  | FI          |  | FJ              |  |
| FK       |  | FL   |  | FM  |  | FN          |  | FO              |  |
| FP       |  | FQ   |  | FR  |  | FS          |  | FT              |  |
| FU       |  | FV   |  | FW  |  | FX          |  | FY              |  |
| FZ       |  | GA   |  | GB  |  | GC          |  | GD              |  |
| GE       |  | GF   |  | GG  |  | GH          |  | GI              |  |
| GJ       |  | GK   |  | GL  |  | GM          |  | GN              |  |
| GO       |  | GP   |  | GQ  |  | GR          |  | GS              |  |
| GT       |  | GU   |  | GV  |  | GW          |  | GX              |  |
| GY       |  | GZ   |  | HA  |  | HB          |  | HC              |  |
| HE       |  | HF   |  | HG  |  | HH          |  | HI              |  |
| HJ       |  | HK   |  | HL  |  | HM          |  | HN              |  |
| HO       |  | HP   |  | HQ  |  | HR          |  | HS              |  |
| HT       |  | HU   |  | HV  |  | HW          |  | HX              |  |
| HY       |  | HZ   |  | IA  |  | IB          |  | IC              |  |
| IE       |  | IF   |  | IG  |  | IH          |  | II              |  |
| IJ       |  | IK   |  | IL  |  | IM          |  | IN              |  |
| IO       |  | IP   |  | IQ  |  | IR          |  | IS              |  |
| IT       |  | IU   |  | IV  |  | IW          |  | IX              |  |
| IY       |  | IZ   |  | JA  |  | JB          |  | JC              |  |
| JE       |  | JF   |  | JG  |  | JH          |  | JI              |  |
| JJ       |  | JK   |  | JL  |  | JM          |  | JN              |  |
| JO       |  | JP   |  | JQ  |  | JR          |  | JS              |  |
| JT       |  | JU   |  | JV  |  | JW          |  | JX              |  |
| JY       |  | JZ   |  | KA  |  | KB          |  | KC              |  |
| KE       |  | KF   |  | KG  |  | KH          |  | KI              |  |
| KJ       |  | KK   |  | KL  |  | KM          |  | KN              |  |
| KO       |  | KP   |  | KQ  |  | KR          |  | KS              |  |
| KT       |  | KU   |  | KV  |  | KW          |  | KX              |  |
| KY       |  | KZ   |  | LA  |  | LB          |  | LC              |  |
| LE       |  | LF   |  | LG  |  | LH          |  | LI              |  |
| LJ       |  | LK   |  | LL  |  | LM          |  | LN              |  |
| LO       |  | LP   |  | LQ  |  | LR          |  | LS              |  |
| LT       |  | LU   |  | LV  |  | LW          |  | LX              |  |
| LY       |  | LZ   |  | MA  |  | MB          |  | MC              |  |
| ME       |  | MF   |  | MG  |  | MH          |  | MI              |  |
| MJ       |  | MK   |  | ML  |  | MM          |  | MN              |  |
| MO       |  | MP   |  | MQ  |  | MR          |  | MS              |  |
| MT       |  | MU   |  | MV  |  | MW          |  | MX              |  |
| MY       |  | MZ   |  | NA  |  | NB          |  | NC              |  |
| NE       |  | NF   |  | NG  |  | NH          |  | NI              |  |
| NJ       |  | NK   |  | NL  |  | NM          |  | NN              |  |
| NO       |  | NP   |  | NQ  |  | NR          |  | NS              |  |
| NT       |  | NU   |  | NV  |  | NW          |  | NX              |  |
| NY       |  | NZ   |  | OA  |  | OB          |  | OC              |  |
| OE       |  | OF   |  | OG  |  | OH          |  | OI              |  |
| OJ       |  | OK   |  | OL  |  | OM          |  | ON              |  |
| OO       |  | OP   |  | OQ  |  | OR          |  | OS              |  |
| OT       |  | OU   |  | OV  |  | OW          |  | OX              |  |
| OY       |  | OZ   |  | PA  |  | PB          |  | PC              |  |
| PE       |  | PF   |  | PG  |  | PH          |  | PI              |  |
| PJ       |  | PK   |  | PL  |  | PM          |  | PN              |  |
| PO       |  | PP   |  | PQ  |  | PR          |  | PS              |  |
| PT       |  | PU   |  | PV  |  | PW          |  | PX              |  |
| PY       |  | PZ   |  | QA  |  | QB          |  | QC              |  |
| QE       |  | QF   |  | QG  |  | QH          |  | QI              |  |
| QJ       |  | QK   |  | QL  |  | QM          |  | QN              |  |
| QO       |  | QP   |  | QQ  |  | QR          |  | QS              |  |
| QT       |  | QU   |  | QV  |  | QW          |  | QX              |  |
| QY       |  | QZ   |  | RA  |  | RB          |  | RC              |  |
| RE       |  | RF   |  | RG  |  | RH          |  | RI              |  |
| RJ       |  | RK   |  | RL  |  | RM          |  | RN              |  |
| RO       |  | RP   |  | RQ  |  | RR          |  | RS              |  |
| RT       |  | RU   |  | RV  |  | RW          |  | RX              |  |
| RY       |  | RZ   |  | SA  |  | SB          |  | SC              |  |
| SE       |  | SF   |  | SG  |  | SH          |  | SI              |  |
| SJ       |  | SK   |  | SL  |  | SM          |  | SN              |  |
| SO       |  | SP   |  | SQ  |  | SR          |  | SS              |  |
| ST       |  | SU   |  | SV  |  | SW          |  | SX              |  |
| SY       |  | SZ   |  | TA  |  | TB          |  | TC              |  |
| TE       |  | TF   |  | TG  |  | TH          |  | TI              |  |
| TJ       |  | TK   |  | TL  |  | TM          |  | TN              |  |
| TO       |  | TP   |  | TQ  |  | TR          |  | TS              |  |
| TT       |  | TU   |  | TV  |  | TW          |  | TX              |  |
| TY       |  | TZ   |  | UA  |  | UB          |  | UC              |  |
| UE       |  | UF   |  | UG  |  | UH          |  | UI              |  |
| UJ       |  | UK   |  | UL  |  | UM          |  | UN              |  |
| UO       |  | UP   |  | UQ  |  | UR          |  | US              |  |
| UT       |  | UU   |  | UV  |  | UW          |  | UX              |  |
| UY       |  | UZ   |  | VA  |  | VB          |  | VC              |  |
| VE       |  | VF   |  | VG  |  | VH          |  | VI              |  |
| VJ       |  | VK   |  | VL  |  | VM          |  | VN              |  |
| VO       |  | VP   |  | VQ  |  | VR          |  | VS              |  |
| VT       |  | VU   |  | VV  |  | VW          |  | VX              |  |
| VY       |  | VZ   |  | WA  |  | WB          |  | WC              |  |
| WE       |  | WF   |  | WG  |  | WH          |  | WI              |  |
| WJ       |  | WK   |  | WL  |  | WM          |  | WN              |  |
| WO       |  | WP   |  | WQ  |  | WR          |  | WS              |  |
| WT       |  | WU   |  | WV  |  | WW          |  | WX              |  |
| WY       |  | WZ   |  | XA  |  | XB          |  | XC              |  |
| XE       |  | XF   |  | XG  |  | XH          |  | XI              |  |
| XJ       |  | XK   |  | XL  |  | XM          |  | XN              |  |
| XO       |  | XP   |  | XQ  |  | XR          |  | XS              |  |
| XT       |  | XU   |  | XV  |  | XW          |  | XX              |  |
| XY       |  | XZ   |  | YA  |  | YB          |  | YC              |  |
| YE       |  | YF   |  | YG  |  | YH          |  | YI              |  |
| YJ       |  | YK   |  | YL  |  | YM          |  | YN              |  |
| YO       |  | YP   |  | YQ  |  | YR          |  | YS              |  |
| YT       |  | YU   |  | YV  |  | YW          |  | YX              |  |
| YY       |  | YZ   |  | ZA  |  | ZB          |  | ZC              |  |
| ZE       |  | ZF   |  | ZG  |  | ZH          |  | ZI              |  |
| ZJ       |  | ZK   |  | ZL  |  | ZM          |  | ZN              |  |
| ZO       |  | ZP   |  | ZQ  |  | ZR          |  | ZS              |  |
| ZT       |  | ZU   |  | ZV  |  | ZW          |  | ZX              |  |
| ZY       |  | ZZ   |  | AA  |  | AB          |  | AC              |  |
| AE       |  | AF   |  | AG  |  | AH          |  | AI              |  |
| AJ       |  | AK   |  | AL  |  | AM          |  | AN              |  |
| AO       |  | AP   |  | AQ  |  | AR          |  | AS              |  |
| AT       |  | AU   |  | AV  |  | AW          |  | AX              |  |
| AY       |  | AZ   |  | BA  |  | BB          |  | BC              |  |
| BE       |  | BF   |  | BG  |  | BH          |  | BI              |  |
| BJ       |  | BK   |  | BL  |  | BM          |  | BN              |  |
| BO       |  | BP   |  | BQ  |  | BR          |  | BS              |  |
| BT       |  | BU   |  | BV  |  | BW          |  | BX              |  |
| BY       |  | BZ   |  | CA  |  | CB          |  | CC              |  |
| BE       |  | BF   |  | BG  |  | BH          |  | BI              |  |
| BJ       |  | BK   |  | BL  |  | BM          |  | BN              |  |
| BO       |  | BP   |  | BQ  |  | BR          |  | BS              |  |
| BT       |  | BU   |  | BV  |  | BW          |  | BX              |  |
| BY       |  | BZ   |  | CA  |  | CB          |  | CC              |  |
| BE       |  | BF   |  | BG  |  | BH          |  | BI              |  |
| BJ       |  | BK   |  | BL  |  | BM          |  | BN              |  |
| BO       |  | BP   |  | BQ  |  | BR          |  | BS              |  |
| BT       |  | BU   |  | BV  |  | BW          |  | BX              |  |
| BY       |  | BZ   |  | CA  |  | CB          |  | CC              |  |
| BE       |  | BF   |  | BG  |  | BH          |  | BI              |  |
| BJ       |  | BK   |  | BL  |  | BM          |  | BN              |  |
| BO       |  | BP   |  | BQ  |  | BR          |  | BS              |  |
| BT       |  | BU   |  | BV  |  | BW          |  | BX              |  |
| BY       |  | BZ   |  | CA  |  | CB          |  | CC              |  |
| BE       |  | BF   |  | BG  |  | BH          |  | BI              |  |
| BJ       |  | BK   |  | BL  |  | BM          |  | BN              |  |
| BO       |  | BP   |  | BQ  |  | BR          |  | BS              |  |
| BT       |  | BU   |  | BV  |  | BW          |  | BX              |  |
| BY       |  | BZ   |  | CA  |  | CB          |  | CC              |  |
| BE       |  | BF   |  | BG  |  | BH          |  | BI              |  |
| BJ       |  | BK   |  | BL  |  | BM          |  | BN              |  |
| BO       |  | BP   |  | BQ  |  | BR          |  | BS              |  |
| BT       |  | BU   |  | BV  |  | BW          |  | BX              |  |
| BY       |  | BZ   |  | CA  |  | CB          |  | CC              |  |
| BE       |  | BF   |  | BG  |  | BH          |  | BI              |  |
| BJ       |  | BK   |  | BL  |  | BM          |  | BN              |  |
| BO       |  | BP   |  | BQ  |  | BR          |  | BS              |  |
| BT       |  | BU   |  | BV  |  | BW          |  | BX              |  |
| BY       |  | BZ   |  | CA  |  | CB          |  | CC              |  |
| BE       |  | BF   |  | BG  |  | BH          |  | BI              |  |
| BJ       |  | BK   |  | BL  |  | BM          |  | BN              |  |
| BO       |  | BP   |  | BQ  |  | BR          |  | BS              |  |
| BT       |  | BU   |  | BV  |  | BW          |  | BX              |  |
| BY       |  | BZ   |  | CA  |  | CB          |  | CC              |  |
| BE       |  | BF   |  | BG  |  | BH          |  | BI              |  |
| BJ       |  | BK   |  | BL  |  | BM          |  | BN              |  |
| BO       |  | BP   |  | BQ  |  | BR          |  | BS              |  |
| BT       |  | BU   |  | BV  |  | BW          |  | BX              |  |
| BY       |  | BZ   |  | CA  |  | CB          |  | CC              |  |
| BE       |  | BF   |  | BG  |  | BH          |  | BI              |  |
| BJ       |  | BK   |  | BL  |  | BM          |  | BN              |  |
| BO       |  | BP   |  | BQ  |  | BR          |  | BS              |  |
| BT       |  | BU   |  | BV  |  | BW          |  | BX              |  |
| BY       |  | BZ   |  | CA  |  | CB          |  | CC              |  |
| BE       |  | BF   |  | BG  |  | BH          |  | BI              |  |
| BJ       |  | BK   |  | BL  |  | BM          |  | BN              |  |
| BO       |  | BP   |  | BQ  |  | BR          |  | BS              |  |
| BT       |  | BU   |  | BV  |  | BW          |  | BX              |  |
| BY       |  | BZ   |  | CA  |  | CB          |  | CC              |  |
| BE       |  | BF   |  | BG  |  | BH          |  | BI              |  |
| BJ       |  | BK   |  | BL  |  | BM          |  | BN              |  |
| BO       |  | BP   |  | BQ  |  | BR          |  | BS              |  |
| BT       |  | BU   |  | BV  |  | BW          |  | BX              |  |
| BY       |  | BZ   |  | CA  |  | CB          |  | CC              |  |
| BE       |  | BF   |  | BG  |  | BH          |  | BI              |  |
| BJ       |  | BK   |  | BL  |  | BM          |  | BN              |  |
| BO       |  | BP   |  | BQ  |  | BR          |  | BS              |  |
| BT       |  | BU   |  | BV  |  | BW          |  | BX              |  |
| BY       |  | BZ   |  | CA  |  | CB          |  | CC              |  |
| BE       |  | BF   |  | BG  |  | BH          |  | BI              |  |
| BJ       |  | BK   |  | BL  |  | BM          |  | BN              |  |
| BO       |  | BP   |  | BQ  |  | BR          |  | BS              |  |
| BT       |  | BU   |  | BV  |  | BW          |  | BX              |  |
| BY       |  | BZ   |  | CA  |  | CB          |  | CC              |  |
| BE       |  | BF   |  | BG  |  | BH          |  | BI              |  |
| BJ       |  | BK   |  | BL  |  | BM          |  | BN              |  |
| BO       |  | BP   |  | BQ  |  | BR          |  | BS              |  |
| BT       |  | BU   |  | BV  |  | BW          |  | BX              |  |
| BY       |  | BZ   |  | CA  |  | CB          |  | CC              |  |
| BE       |  | BF   |  | BG  |  | BH          |  | BI              |  |
| BJ       |  | BK   |  | BL  |  | BM          |  | BN              |  |
| BO       |  | BP   |  | BQ  |  | BR          |  | BS              |  |
| BT       |  | BU   |  | BV  |  | BW          |  | BX              |  |
| BY       |  | BZ   |  | CA  |  | CB          |  | CC              |  |
| BE       |  | BF   |  | BG  |  | BH          |  | BI              |  |
| BJ       |  | BK   |  | BL  |  | BM          |  | BN              |  |
| BO       |  | BP   |  | BQ  |  | BR          |  | BS              |  |
| BT       |  | BU   |  | BV  |  | BW          |  | BX              |  |
| BY       |  | BZ   |  | CA  |  | CB          |  | CC              |  |
| BE       |  | BF   |  | BG  |  | BH          |  | BI              |  |
| BJ       |  | BK   |  | BL  |  | BM          |  | BN              |  |
| BO       |  | BP   |  | BQ  |  | BR          |  | BS              |  |
| BT       |  | BU   |  | BV  |  | BW          |  | BX              |  |
| BY       |  | BZ   |  | CA  |  | CB          |  | CC              |  |
| BE       |  | BF   |  | BG  |  | BH          |  | BI              |  |
| BJ       |  | BK   |  | BL  |  | BM          |  | BN              |  |
| BO       |  | BP   |  | BQ  |  | BR          |  | BS              |  |
| BT       |  | BU   |  | BV  |  | BW          |  | BX              |  |
| BY       |  | BZ   |  | CA  |  | CB          |  | CC              |  |
| BE       |  | BF   |  | BG  |  | BH          |  | BI              |  |
| BJ       |  | BK   |  | BL  |  | BM          |  | BN              |  |
| BO       |  | BP   |  | BQ  |  | BR          |  | BS              |  |
| BT       |  | BU   |  | BV  |  | BW          |  | BX              |  |
| BY       |  | BZ   |  | CA  |  | CB          |  | CC              |  |
| BE       |  | BF   |  | BG  |  | BH          |  | BI              |  |
| BJ       |  | BK   |  | BL  |  | BM          |  | BN              |  |
| BO       |  | BP   |  | BQ  |  | BR          |  | BS              |  |
| BT       |  | BU   |  | BV  |  | BW          |  | BX              |  |
| BY       |  | BZ   |  | CA  |  | CB          |  | CC              |  |
| BE       |  | BF   |  | BG  |  | BH          |  | BI              |  |
| BJ       |  | BK   |  | BL  |  | BM          |  | BN              |  |
| BO       |  | BP   |  | BQ  |  | BR          |  | BS              |  |
| BT       |  | BU   |  | BV  |  | BW          |  | BX              |  |

AAI14098

|                          |                 |
|--------------------------|-----------------|
| ▽ ROUGH MACHINED         | ① ROUGH CLEANED |
| ▽▽ FINISH MACHINED       | ② BURRS REMOVED |
| ▽▽▽ FINE FINISH MACHINED | ③ CHAMFERED     |

| REVISIONS |      |             |                 |
|-----------|------|-------------|-----------------|
| ALT.      | ZONE | DESCRIPTION | APPROVED & DATE |



| 1  | CHANNEL FOR LUGGAGE RACK | 4 x 90 x 522 | 1        |                        | RDSO/SPEC C-K201 X2CrNi12 | 0.96            |                   |
|--|--------------------------|--------------|----------|------------------------|---------------------------|-----------------|-------------------|
| QTY  | DESCRIPTION              | DIMENSIONS   | ITEM NO. | REF. DRGS              | MATL.SPEC.                | WT/UNIT IN KGS  | REMARKS           |
| GROUP: 1-4 Body Side Walls   |                          |              |          | SURFACE AREA IN Sq.m.: |                           | WT/ASSY IN Kgs: |                   |
| CHANNEL FOR LUGGAGE RACK   |                          |              |          |                        | SCALE 1:2                 | SSE/D CHD       | L. Panduranga Rao |
|  |                          |              |          |                        | ALT.                      | ALTD            |                   |
|  |                          |              |          |                        |                           | DRN             | R.Vijay Rathinam  |
| INDIAN RAILWAY STANDARDS<br>INTEGRAL COACH FACTORY, CHENNAI - 600038 |                          |              |          | SHEET 1 OF 1           |                           | AAI14098        |                   |
|  |                          |              |          |                        |                           | A3              |                   |

ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED. FOR UNTOLERANCED DIMENSIONS AND ROUGHNESS VALUES, REFER DRAWING NO ICF/STD 9-0-001.  
ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER THIS DRAWING INVALID. WELDING SYMBOLS ARE AS PER EN ISO 2553.  
WEIGHT GIVEN IN DRAWING IS FOR INDICATIVE PURPOSE ONLY.

REF.DRG.NO.-

|                    |                     |         |
|--------------------|---------------------|---------|
|                    | 07-12-2022          |         |
| DATE OF LATEST ALT | DATE OF FIRST ISSUE | AME/SME |