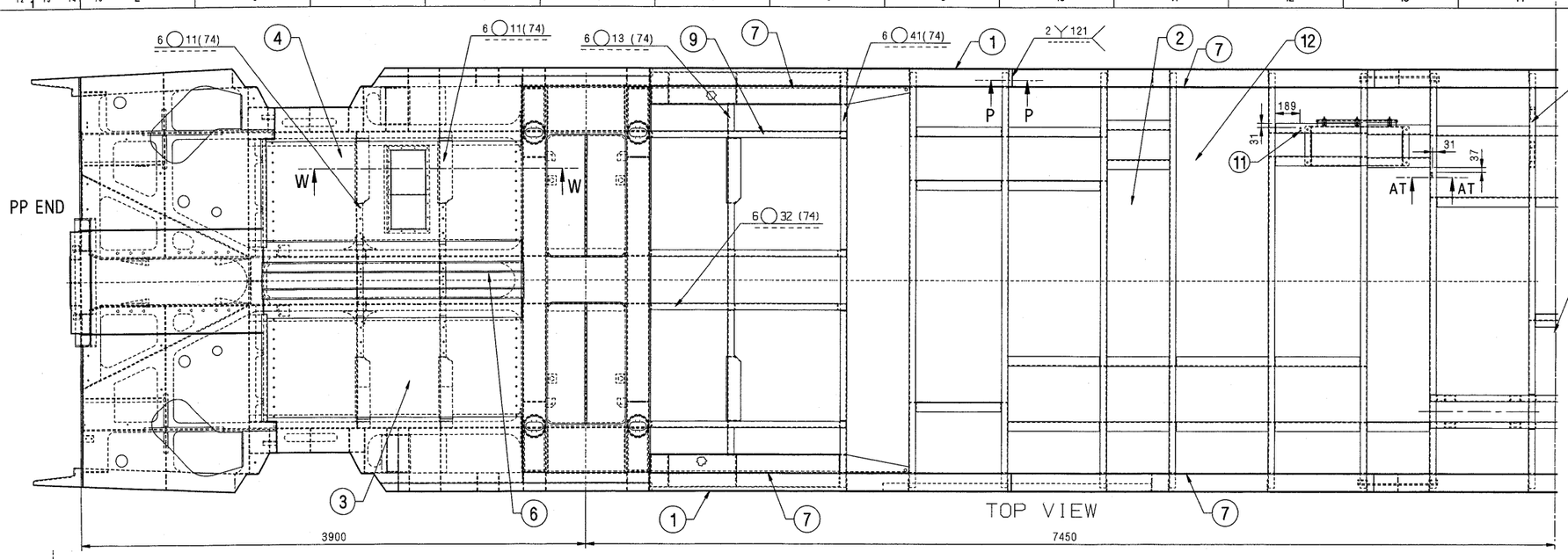
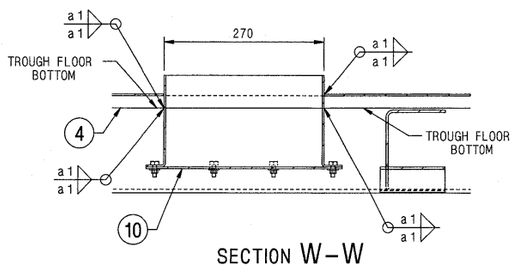
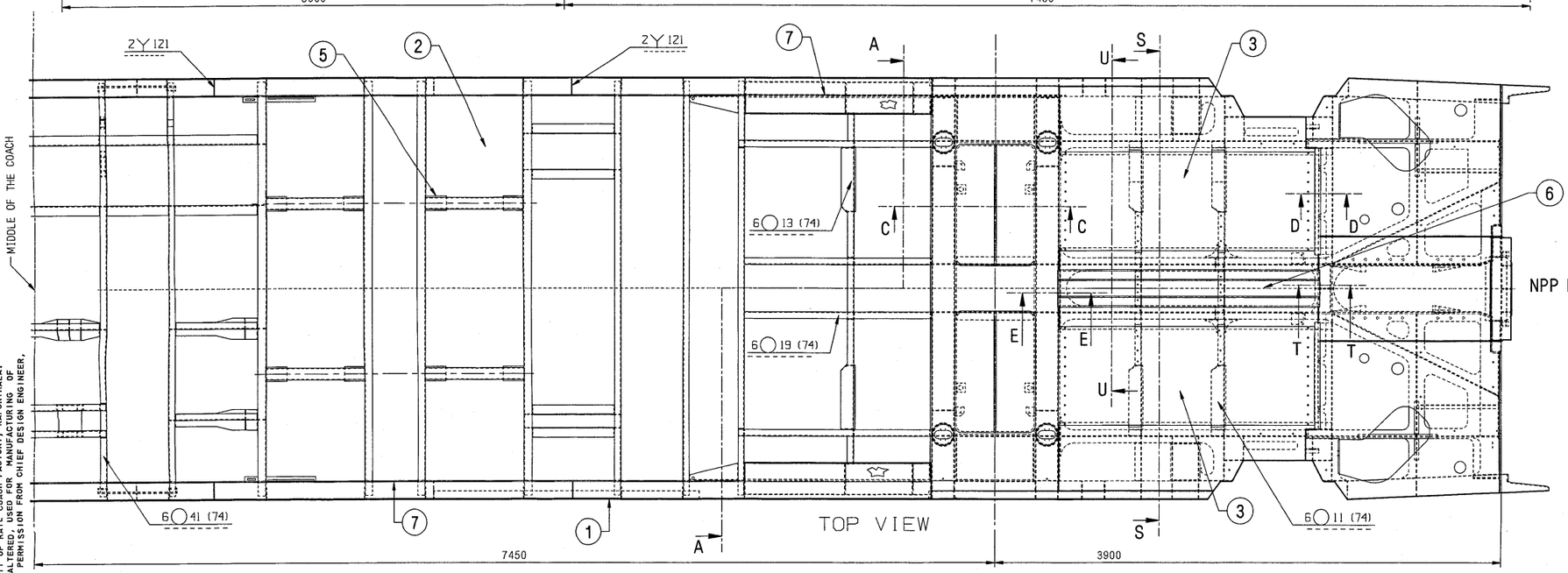
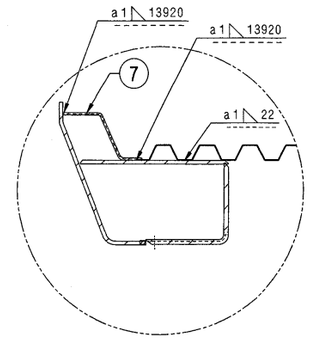
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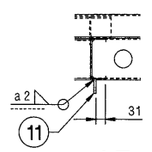



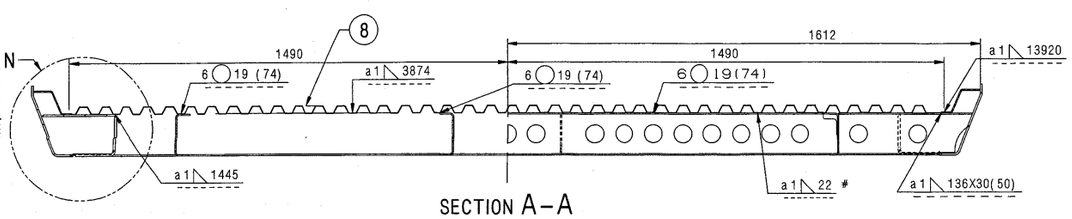



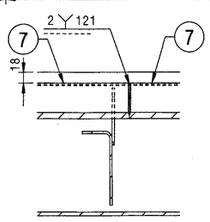



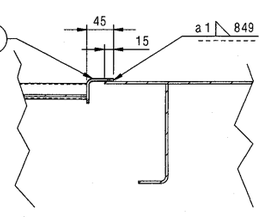

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| WELD LENGTH | ITEM | DESCRIPTION & DIMENSIONS | QPASSLY | DETAIL DRG | MATL. & SPEC. | REMARKS |
|---|---|---|---|---|---|---|
| 122.40 M | GROUP | UNDERFRAME | SUPERSEDES: | LA11126 ALT NIL | | |
| WEIGHT | FILE | LA11126a.prt(3D) | | | | |
| 6521.54 KG | UNDERFRAME COMPLETE FOR LHB (EOG) AC FIRST CLASS COACH WITH UNDERSLUNG SBC (LAYOUT NO. LA90036) | | SCALE | SSE/REC | JOGI 18/08/25 | |
| S.AREA | | | 1:25 | CHD | JOGI | |
| NIL M² | | | ⊕ | DRN | YPSH | |
| ~~LENGTH/DIA~~ NIL M | RAIL COACH FACTORY, KAPURTHALA | | REF.DRG.No. | NIL | | |
| ~~WIDTH/THICK.~~ NIL M | रेल कोच फैक्टरी कपूरथला | IRS | PL NO. | NIL | | |
| HEIGHT NIL M | ADE/SME | DME/ME | CDE | DRG.NO. | LA11126 | |
| | | | ALT. | a | SIZE A1 | SHEET 1/3 |

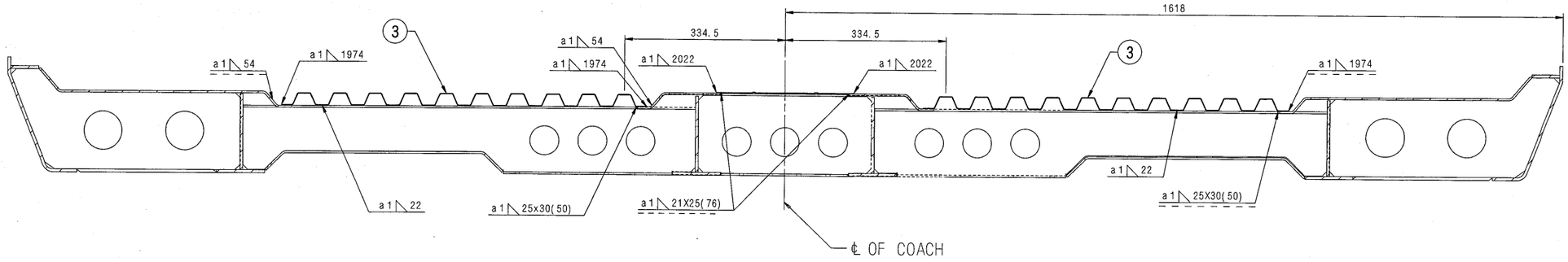
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FOR UNTOLERANCED DIMENSIONS REFER MDG0008

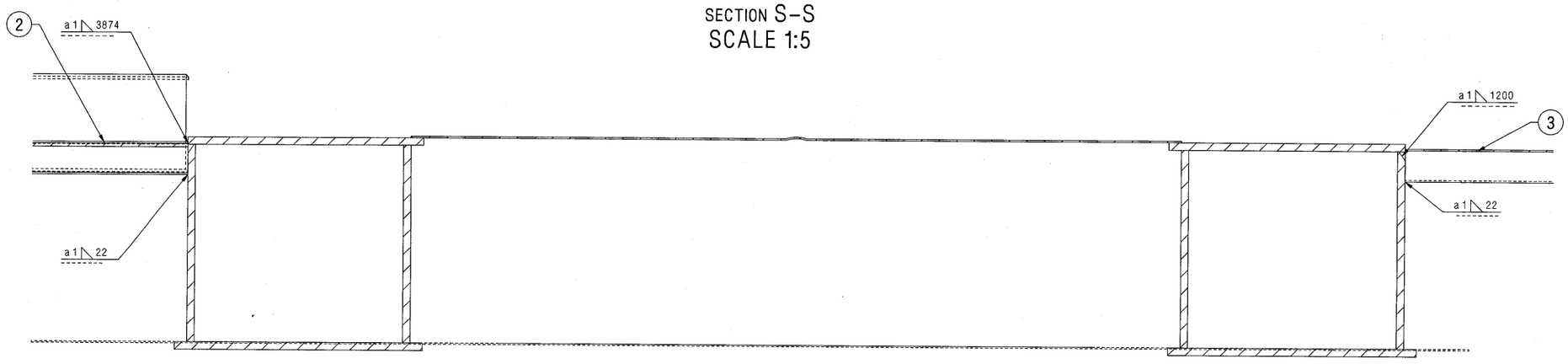
DETAIL DRGS STARTING WITH "LI" ARE INTERNAL REFERENCE LISTS ONLY AND ARE NOT FOR ISSUE.

DATE OF FIRST ISSUE 21/06/2022 CGM BY

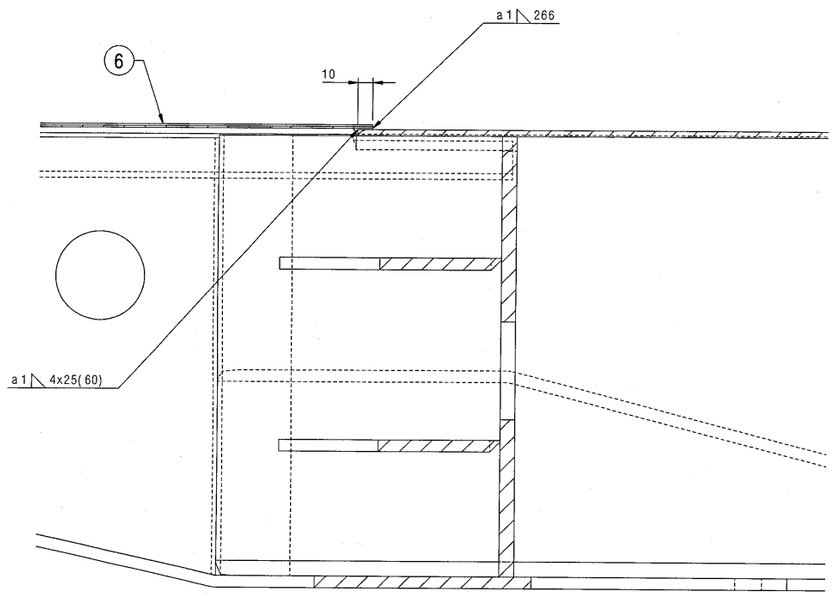
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|---|---|---|---|---|



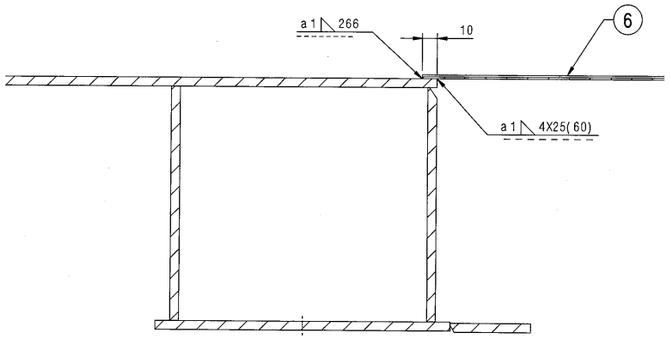

SECTION S-S
SCALE 1:5




SECTION C-C
SCALE 1:2




SECTION T-T
SCALE 1:2




SECTION E-E
SCALE 1:2


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| WELD LENGTH | ITEM | DESCRIPTION & DIMENSIONS | QPASSLY | DETAIL DRG | MATL. & SPEC. | REMARKS |
|---|---|---|---|---|---|---|
| 122.40 M | GROUP | UNDERFRAME | SUPERSEDES: | LA11126 ALT NIL | | |
| WEIGHT | FILE | LA11126a.prt(3D) | | | | |
| 6521.54 KG | UNDERFRAME COMPLETE FOR LHB (EOG) AC FIRST CLASS COACH WITH UNDERSLUNG SBC (LAYOUT NO. LA90036) | | | SCALE | SSE/REC | |
| S.AREA | | | | 1:25 | CHD | JOGI |
| NIL M² | | | | | DRN | YPSH |
| ~~LENGTH/DIA.~~ | RAIL COACH FACTORY, KAPURTHALA | | | REF.DRG.No. | NIL | |
| NIL M | | | | | | |
| ~~WIDTH/THICK.~~ | रेलकोच फैक्टरीकपूरथला | IRS | | PL NO. | NIL | |
| NIL M | | | | DRG.NO. | LA11126 | |
| HEIGHT | | | | | | |
| NIL M | ADE/SME | BY.CME | CDE | ALT. a | SIZE A1 | SHEET 2/3 |

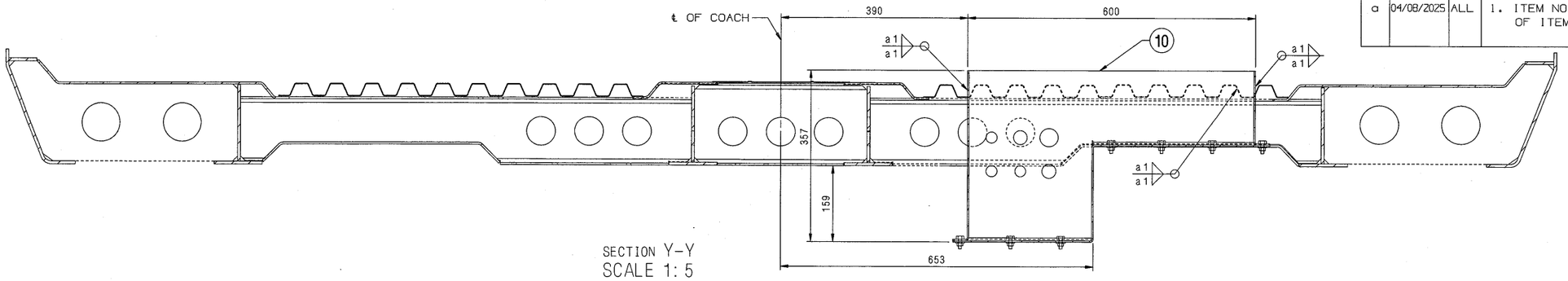
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FOR UNTOLERANCED DIMENSIONS REFER MDG0008

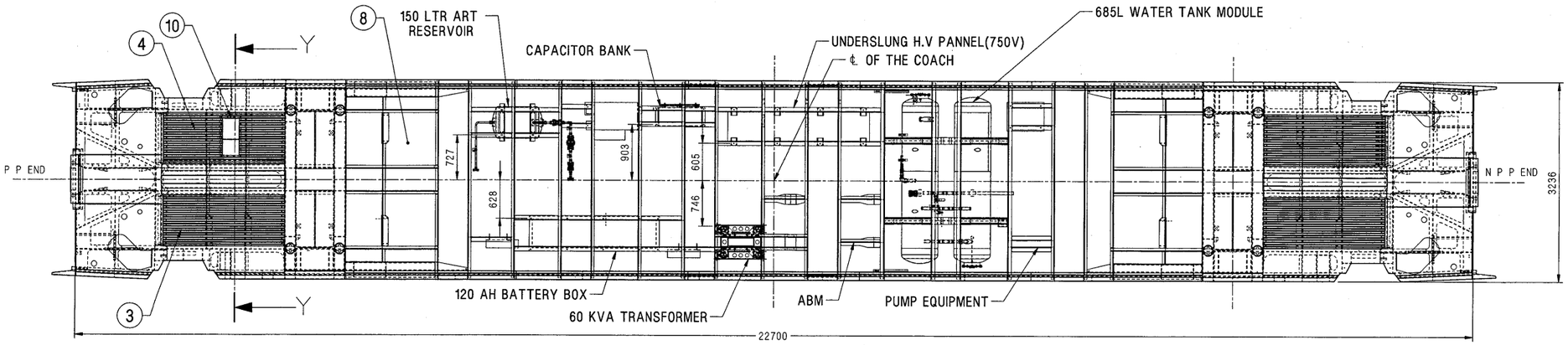
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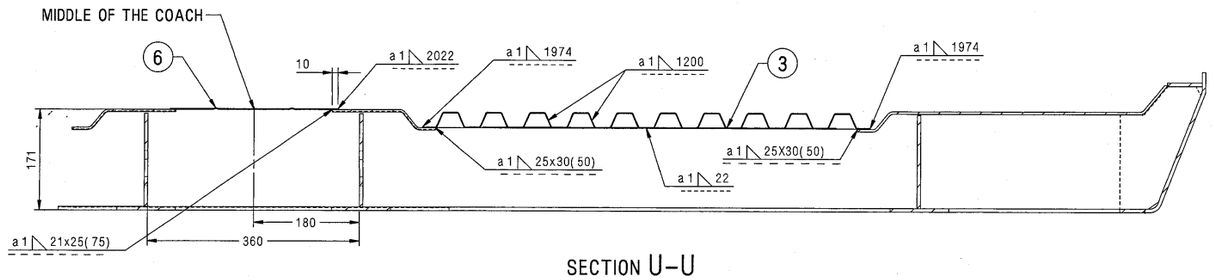
| ALT.NO | ALT.DATE | ZONE | ALTERATIONS | AUTHORITY |
|---|---|---|---|---|
| a | 04/08/2025 | ALL | 1. ITEM NO.12 ADDED AND DRG. NO. OF ITEM NO.9 CHANGED. | DIC NO. MD250047 |




SECTION Y-Y
SCALE 1:5




TOP VIEW




SECTION U-U

NOTE:

1. BEFORE MOUNTING THE CORRUGATED SHEET FLOOR THE AREA OF CONTACT ON THE UNDRFRAME MUST BE PAINTED WITH ALUMINIUM-WELDING COAT.
2. ITEM NO. 11 WILL BE WELDED AT STAGE -II.
3. UNLESS OTHERWISE SPECIFIED WELDING FOR S.S ITEMS WILL BE MIG(131) & FOR MILD STEEL/CORTEN STEEL MAG(135) & REFER PROCESS PLANNING FABRICATION WORK INSTRUCTION DOCUMENT NO. PLW7801.
4. 22mm WELDING OF EACH CORRUGATION OF TROUGH FLOOR TO BE WELDED WITH CROSS MEMBERS.
5. UNDERSLUNG EQUIPMENTS SHOWN IN VIEW ARE FOR REFERENCE ONLY.
# 6. MANDATORY MANUFACTURING ALLOWANCES.
7. EACH CORRUGATION OF TROUGH FLOOR AND SHEET TO BE WELDED WITH ALL ADJOINING LONGITUDINAL AND TRANSVERSE MEMBERS.
8. WELDING GENERAL INSTRUCTION SHALL BE AS PER PLANNING INSTRUCTION NO. PLW0102 DATED 02.12.2022.
9. FOR UNDERFRAME ASSEMBLY REFER MDTS 21320 REV.-02 OR LATEST.
10. ASSEMBLY SHALL BE FREE FROM ANY WELDING DEFECTS OR POST WELD DEFECTS.(NO ANY BLACK SPOT OR SPATTER ON UNDERFRAME ASSEMBLY.
11. TEMPLATE FOR JIG HOLE MUST BE AVAILABLE TO AVOID ANY MISMATCH UNDERSLUNG ITEM OR ONBOARD EQUIPMENTSS
12. SUPPLIER SHALL ARRANGE JIG TEMPLATE AND FIXTURE FOR INSPECTION OF UNDERSLUNG EQUIPMENTS.
13. UNDERFRAME ASSEMBLY COMPLETE SHALL BE PAINTED WITH APP(ADHESION PROMOTING PRIMER) TO RCF SPECIFICATION NO. MDTS48279 REV-3 OR LATEST.
14. CBC HOUSING INSIDE AREA SHALL BE GRIT/GARNET BLASTED AND TO BE PAINTED WITH EPOXY METAL PRIMER OF DFT 60 MICRON AND HIGH BUILD PAINT ELASTIFIED WITH DFT 140 MICRON AS PER SPEC NO. MDTS 094 OF 140-200 MICRONS. (REFERENCE WM /MP/RM LETTER NO MP-40 LHB/RM/PAINT DATED 28.03.2008 , PARA 4.0)
15. UNDERFRAME FRAME WORK ASSEMBLY SHALL BE ASSEMBLED BY USING SUITABLE WELDING FIXTURE.
16. NECESSARY CARE IS TO BE TAKEN THAT THE TWIST ON THE UNDERFRAME AND VARIATION ON DIAGONALS ARE TO BE WITHIN 2MM . AND LEVEL OR UNEVENESS ON TOP LEVEL OF UNDEERFRAME SHOULD BE CHECKED WITH DUMPY LEVEL GAUGE OR ANY EQUIVALENT .
17. SHRINKAGE DUE TO WELDING SHALL BE CONSIDERED SUCH THAT OVERALL AND CRITICAL DIMENSIONS ARE STRICTLY ADHERED TO WITHIN THE TOLERANCE MENTIONED.
18. IF ANY ASSEMBLY\SUB ASSEMBLY i.e FRAME WORK, BODY BOLSTER etc HAS MENTIONED ANY OTHER PAINT INSTRUCTION SHALL BE CONSIDER AS PER NOTE NO. 13 & 14 .

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| | | | | | |
|---|---|---|---|---|---|
| 12 | LOCATION OF HOLES ON U/F FOR CLAMPING OF AIRBRAKE PIPES & BOPT.FOR FAC WITH FLAT ROOF LHB TYPE COACH | 1 | LA11133 | NIL | NIL |
| 11 | GROUNDING FLAP | 2 | 4 10113.0. 03.095.178 | NIL | NIL |
| 10 | JUNCTION BOX | 1 | LE11549 | NIL | NIL |
| 9 | LOCATION OF MOUNTING HOLES ON U/F FOR LHB FAC COACH (FLAT ROOF) WITH DOUBLE FERRULE FITTINGS | 1 | LE11630 | NIL | NIL |
| 8 | SUPPORTING MEMBER ON TROUGH FLOOR | 1 | LA11125 | NIL | NIL |
| 7 | CONNECTION SHEET | 10 | 3 10113.0. 03.000.101 | NIL | NIL |
| 6 | COVERING SHEET | 2 | 3 10113.0. 03.000.102 | NIL | NIL |
| 5 | WELDING PARTS COMPLETE ON UNDERFRAME | 1 | LA11127 | NIL | NIL |
| 4 | CORRUGATED SHEET FLOOR COMPLETE | 1 | LW11312 | NIL | NIL |
| 3 | CORRUGATED SHEET FLOOR COMPLETE | 3 | LA11128 | NIL | NIL |
| 2 | CORRUGATED SHEET FLOOR COMPLETE | 1 | LS13100 | NIL | NIL |
| 1 | UNDERFRAME FRAMEWORK COMPLETE | 1 | LA11124 | NIL | NIL |

| WELD LENGTH | ITEM | DESCRIPTION & DIMENSIONS | QPASSLY | DETAIL DRG | MATL. & SPEC. | REMARKS |
|---|---|---|---|---|---|---|
| 122.40 M | GROUP | UNDERFRAME | SUPERSEDES: LA11126 ALT NIL | | | |
| WEIGHT | FILE | RHUL\LA11126a.prt(3D) | | | | |

| | | | |
|---|---|---|---|
| 6521.54 KG | UNDERFRAME COMPLETE FOR LHB (EOG) AC FIRST CLASS COACH WITH UNDERSLUNG SBC (LAYOUT NO. LA90036) | SCALE | 1:25 |
| S.AREA | | SSE/REC | |
| NIL M² | | CHD | JOGI |
| ~~LENGTH/DIA~~ | | DRN | YPSH |
| NIL M | RAIL COACH FACTORY, KAPURTHALA | REF.DRG.No. | NIL |
| ~~WIDTH/THICK.~~ | रेलकोच फैक्टरीकपूरथला IRS | PL NO. | NIL |
| NIL M | | DRG.NO. | LA11126 |
| HEIGHT | ADE/SME JY.CME CDE | ALT. | a |
| NIL M | | SIZE | A1 |
| | | SHEET | 3/3 |

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