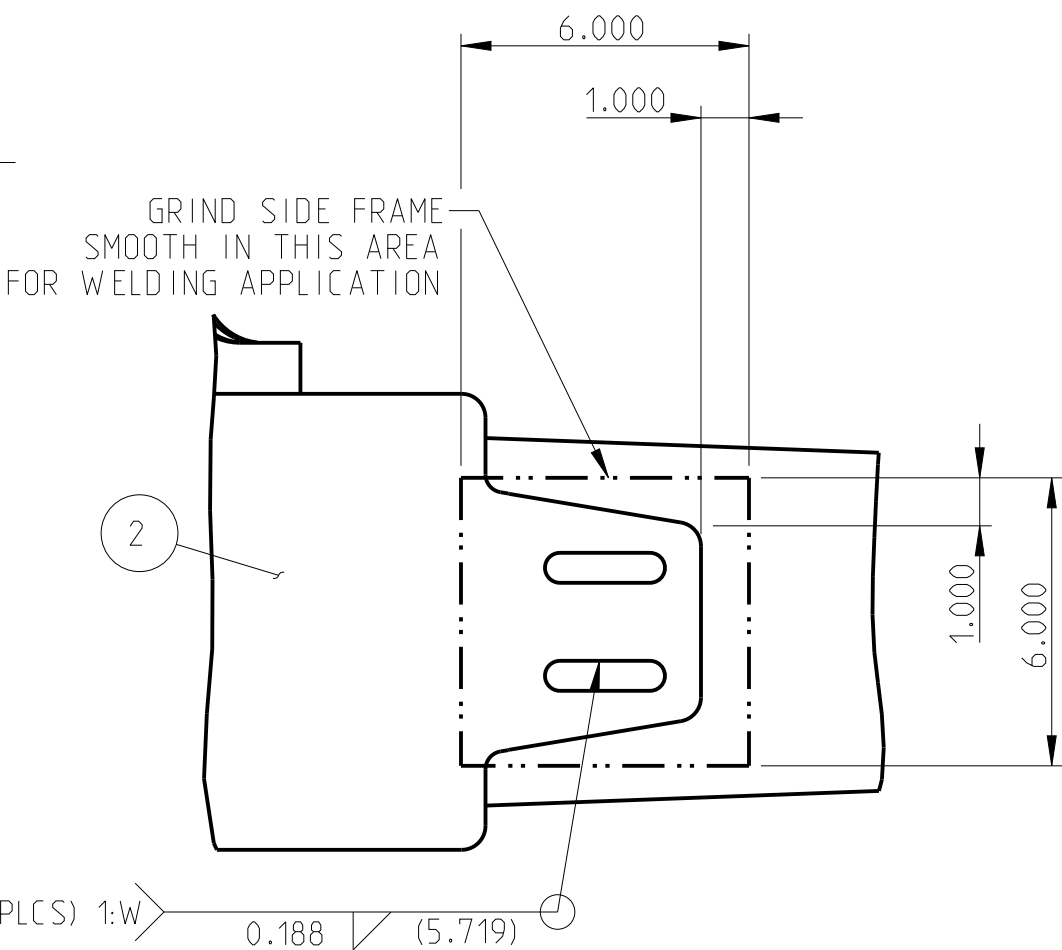
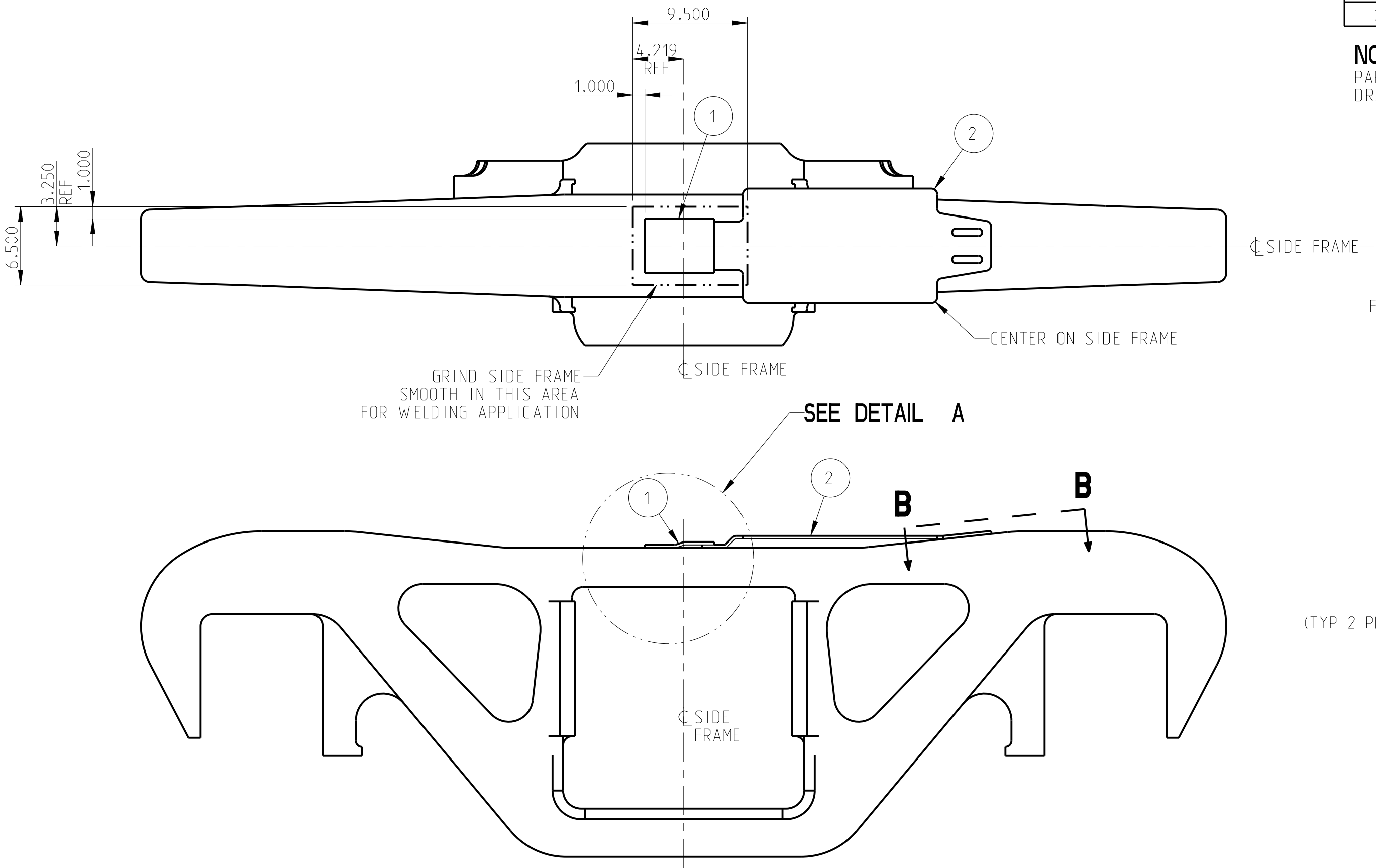
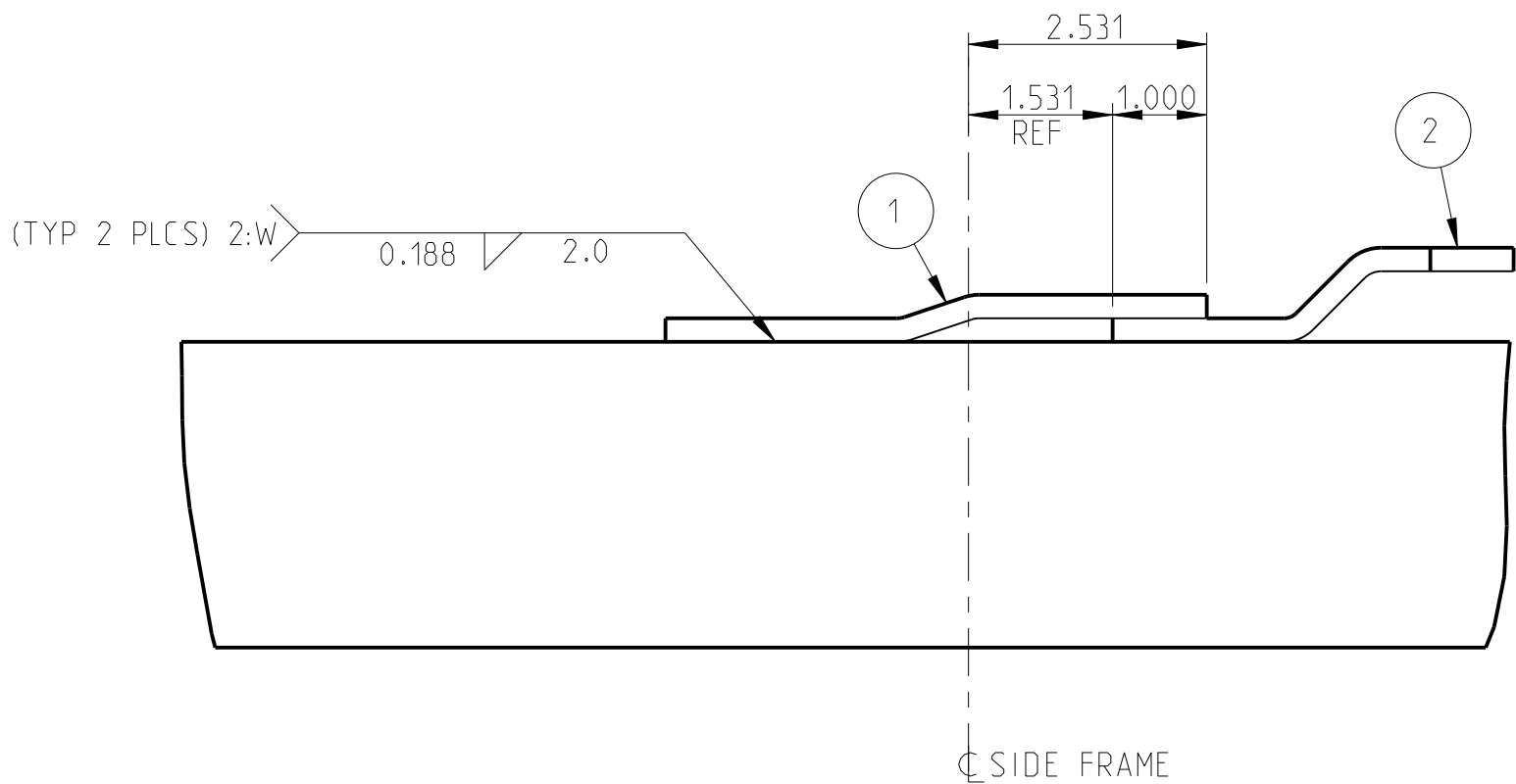


| BILL OF MATERIAL |             |                           |          |
|------------------|-------------|---------------------------|----------|
| Item No.         | Part No.    | Description               | Quantity |
| 1                | M103382-001 | RETAINER, MOUNTING PLATE  | 1        |
| 2                | M104543-003 | PLATE, EMPTY LOAD CONTACT | 1        |

NOTE:  
PARTS TO BE STRUCTURED UNDER BRAKE BOM IN ORACLE.  
DRAWING BOM SUPPLIED AS REFERENCE ONLY.



SECTION B-B  
SCALE 0.250



DETAIL A  
SCALE 0.500

- NOTE:
1. ALL WELDING TO BE IN ACCORDANCE WITH RAILROAD WELDING SPECIFICATION AWS D15.1, LATEST REVISION, AND TO BE CLASS 2 UNLESS OTHERWISE SPECIFIED.
  2. UNLESS OTHERWISE NOTED, ALL WELD LENGTHS SHOWN ARE MINIMUM LENGTHS. WELD TERMINATIONS FOR FILLET WELDS MUST HAVE A MINIMUM EDGE DISTANCE OF 0.25.
  3. ALL WELDS TO CASTING TO BE LONGITUDINAL TO SIDE FRAME.
  4. WELD ROD FOR B+ STEEL.
  5. WELDING TO BE PERFORMED IN A WORKMANLIKE MANNER, BE HOMOGENEOUS, FREE OF GAS AND FOREIGN INCLUSIONS.

| Level Date Approved  |   | Description                     |
|--|---|---------------------------------|
| REVISIONS  |   |                                 |
| <b>FreightCar<br/>America</b>  |   |                                 |
| THIS DRAWING IS THE EXCLUSIVE PROPERTY OF FREIGHTCAR AMERICA AND CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION. BY ACCEPTING THIS DRAWING, THE RECIPIENT AGREES (A) TO USE THIS DRAWING ONLY FOR THOSE PURPOSES APPROVED IN WRITING BY FREIGHTCAR AMERICA, (B) NOT TO REPRODUCE OR MODIFY THIS DRAWING, IN WHOLE OR IN PART, AND (C) NOT TO DISCLOSE THIS DRAWING TO ANY PERSON OR ENTITY, NOR USE THE DRAWING FOR THE DESIGN OR MANUFACTURE OF ANY ITEM, PART, OBJECT OR APPARATUS THEREOF, EXCEPT UPON THE PRIOR WRITTEN PERMISSION OF FREIGHTCAR AMERICA. |   |                                 |
| Standard Tolerances (Unless Noted)   |   |                                 |
| Decimal Dimensions $\pm 0.063$   |   | Hole Diameters $\pm 0.031$      |
| Diagonals 0.125 Max. Variation   |   | Angles $\pm 1^{\circ}$          |
| Radii will be thickness of material  |   | Tolerances are not accumulative |
| Made By: MHK   | Date: 03-12-13                              | Ref Dwg: A108942-000            |
| Approved: CSWCSW   | Do Not Scale Drawing                        | Est. Wt: N/A                    |
| APPLICATION, SIDE FRAME E/L CONTACT PLT  |   |                                 |
| Size<br><b>C</b>   | Drawing / Part Number<br><b>A108942-001</b> | Rev.<br><b>-</b>                |