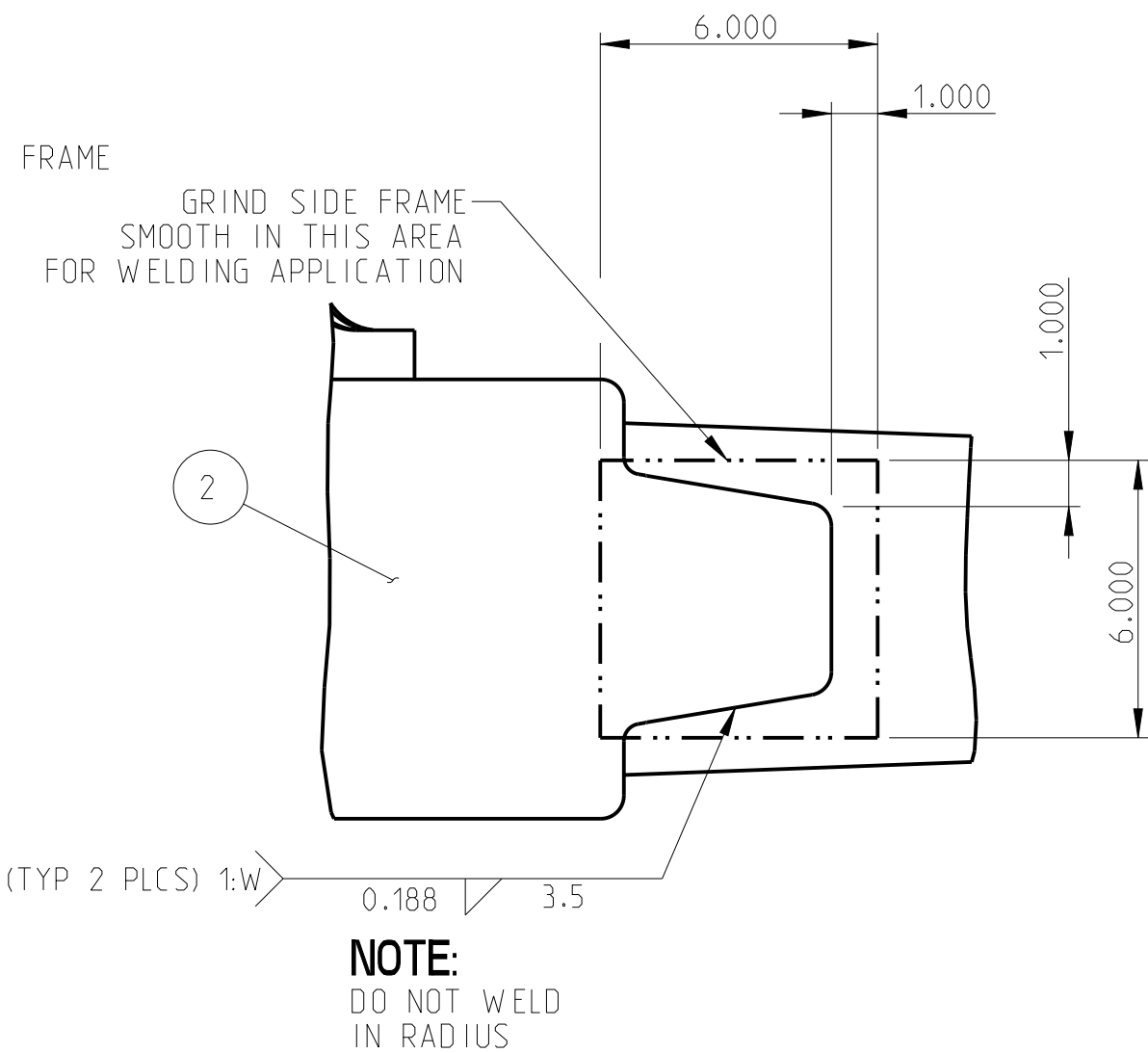
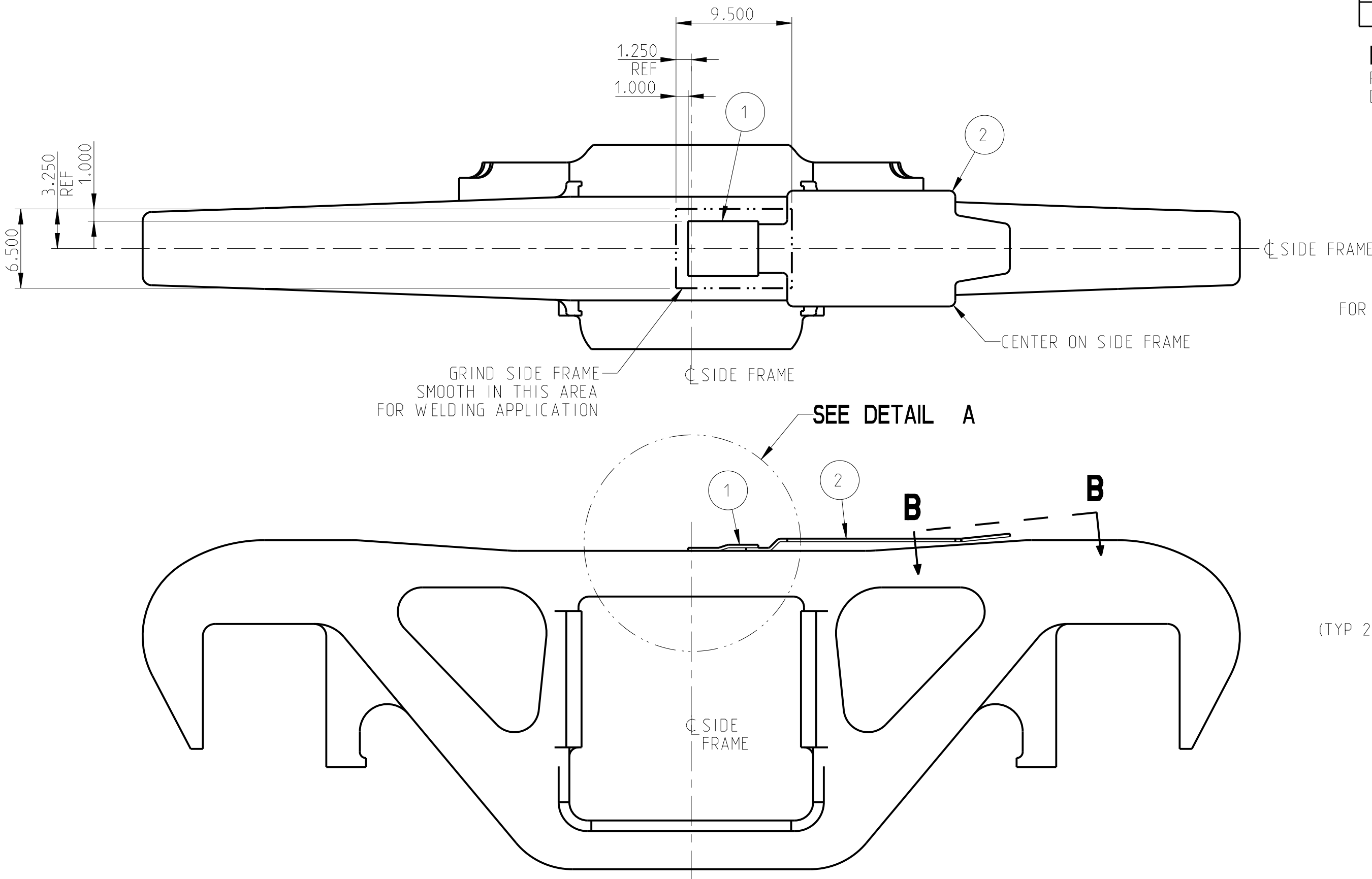


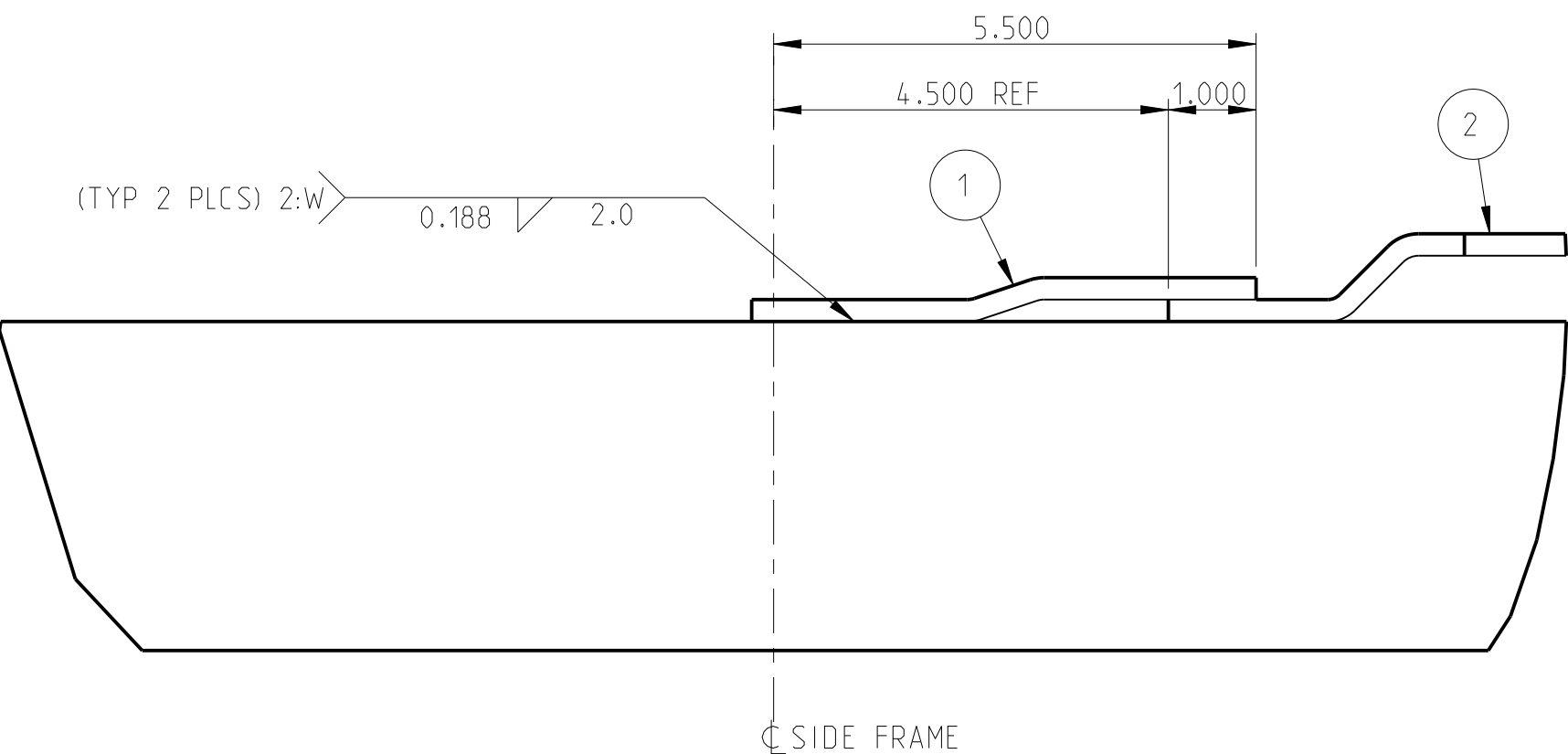
BILL OF MATERIAL

Item No.	Part No.	Description	Quantity
1	M103382-001	RETAINER, MOUNTING PLATE	1
2	M104543-002	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			
FreightCar America			
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 ± 0.063		Hole Diameters ± 0.031	
Diagonals 0.125 Max. Variation		Angles ± 1°	
Radii will be thickness of material		Tolerances are not accumulative	
Made By: MHK	Date: 10-31-12	Ref Dwg: A108829-000	
Approved: CSwCSW	Do Not Scale Drawing	Est. Wt: N/A	
APPLICATION, SIDE FRAME E/L CONTACT PLT			
Size C	Drawing / Part Number A108942-000		Rev. -