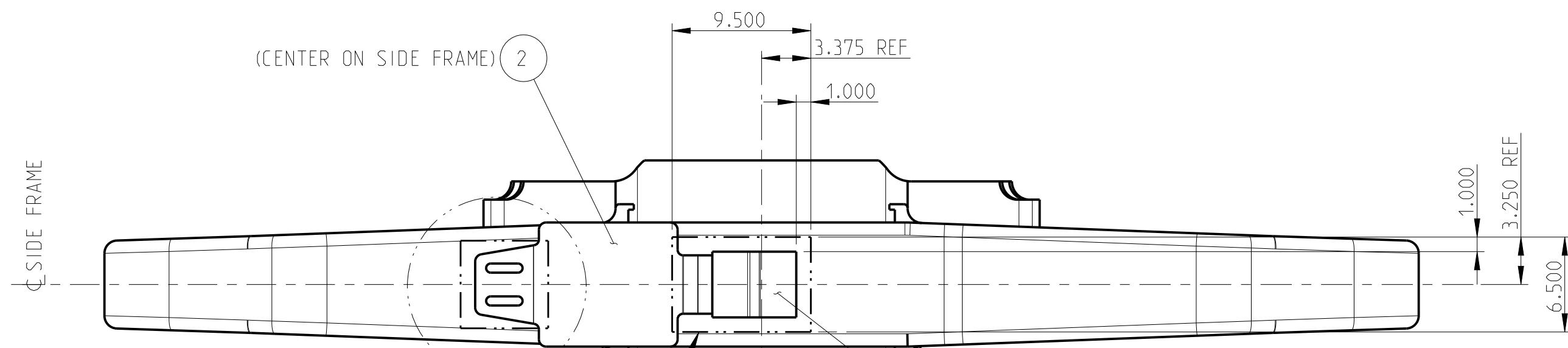
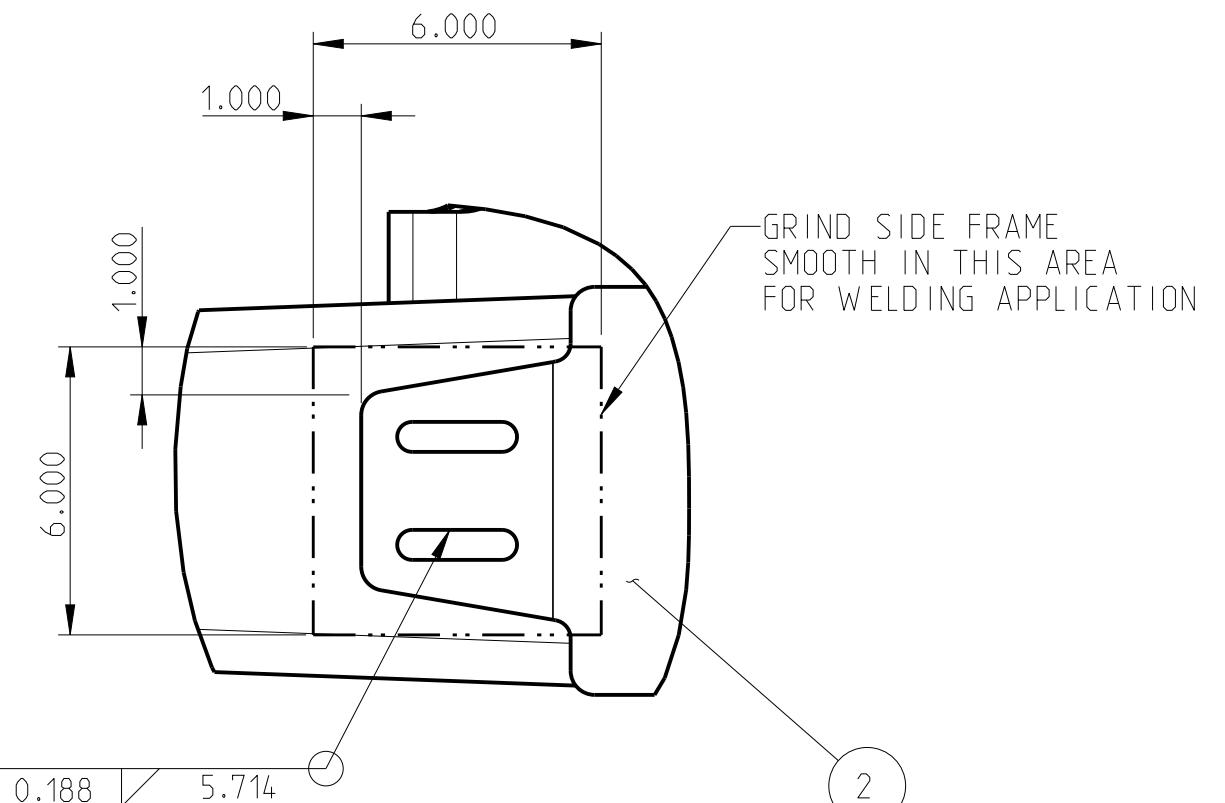
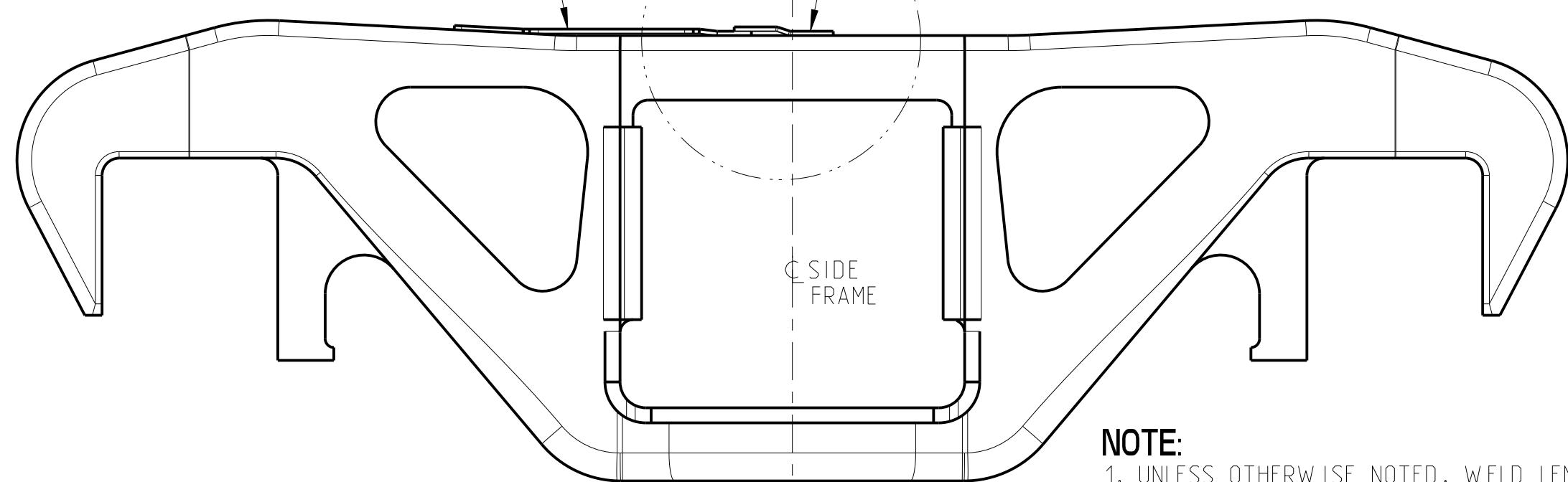


BILL OF MATERIAL

Item No.	Part No.	Description	Quantity
1	M103382-001	RETAINER, MOUNTING PLATE	1
2	M113315-000	PLATE, EMPTY LOAD CONTACT	1

**SEE DETAIL A**GRIND SIDE FRAME
SMOOTH IN THIS AREA
FOR WELDING APPLICATION**SEE DETAIL B**(TYP 2
PLCS)

1:W

0.188

5.714

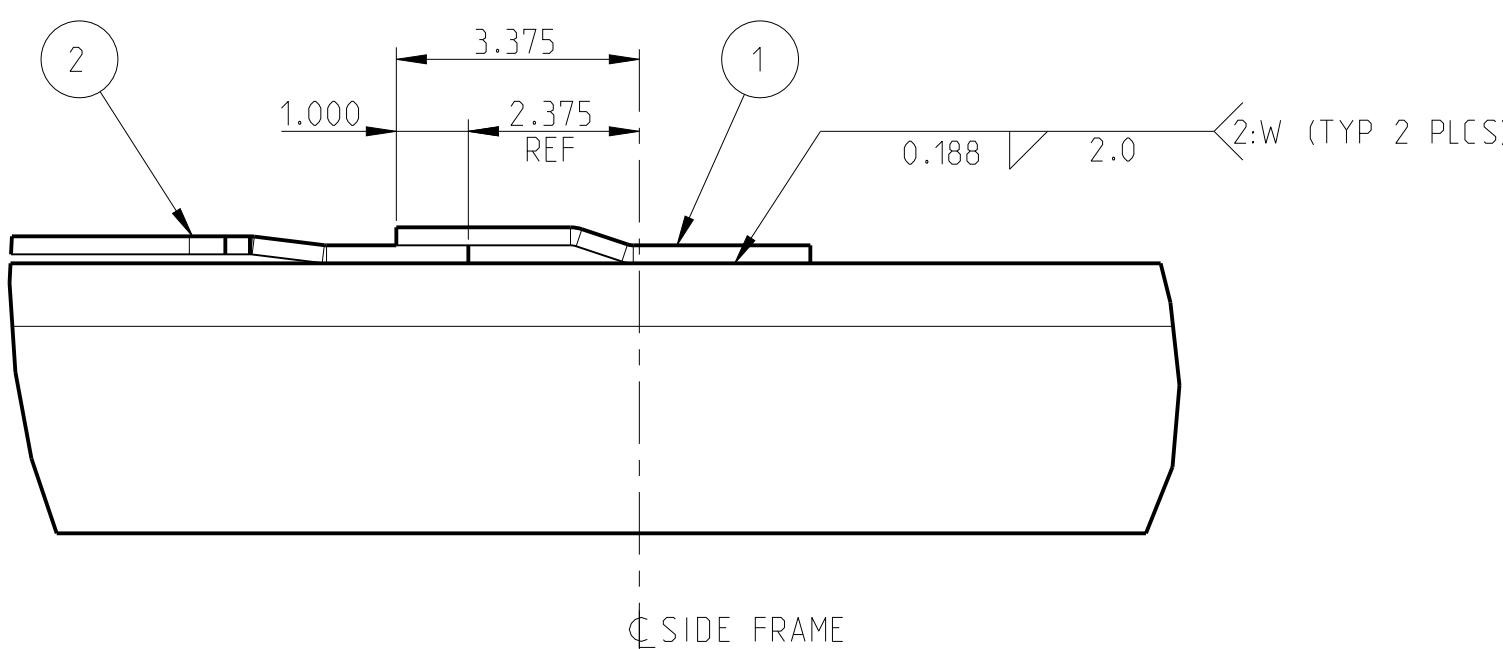
DETAIL A
SCALE 0.250**NOTE:**

1. UNLESS OTHERWISE NOTED, WELD LENGTHS SHOWN ARE MINIMUM LENGTHS, WELD TERMINATIONS MUST HAVE A MINIMUM EDGE DISTANCE OF 0.25.
2. ALL WELDING TO BE IN ACCORDANCE WITH RAILROAD WELDING SPECIFICATION AWS D15.1, LATEST REVISION, AND TO BE CLASS 2 UNLESS OTHERWISE SPECIFIED.
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.
6. PRIOR TO ASSEMBLY, BOTH RETAINER PLATE AND CONTACT PLATE TO BE PAINTED WITH WELDABLE PRIMER, 1.5 MILS MIN DFT. EXTERIOR SURFACES TO BE PAINTED WITH BLACK FINISH PAINT, 2 MILS MIN DFT AFTER WELDING.

- OR (SHOP OPTION) -

PRIOR TO ASSEMBLY, BOTH RETAINER PLATE AND CONTACT PLATE TO BE PAINTED WITH BLACK DTM FINISH PAINT, 3 MILS MIN DFT, MASKING WELDED AREAS. PAINT WELDED AREAS AFTER ASSEMBLY.

7. LOCATION OF EMPTY LOAD CONTACT PLATE IS ON THE "BL" SIDE FRAME.

**DETAIL B**
SCALE 0.375

Level	Date	Approved	Description
REVISIONS			

FreightCar America

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Standard Tolerances (Unless Noted)

Decimal Dimensions ± 0.063	Hole Diameters ± 0.031
Diagonals 0.125 Max. Variation	Angles $\pm 1^\circ$
Radii will be thickness of material	Tolerances are not accumulative
Made By: GJF/BMH	Date: 09-13-16 Ref Dwg: A110607-000
Approved: JAG/JAG	Do Not Scale Drawing Est. Wt: N/A
APPLICATION, EMPTY LOAD CONTACT PLATE	
Size C	Drawing / Part Number A113316-000
	Rev. -