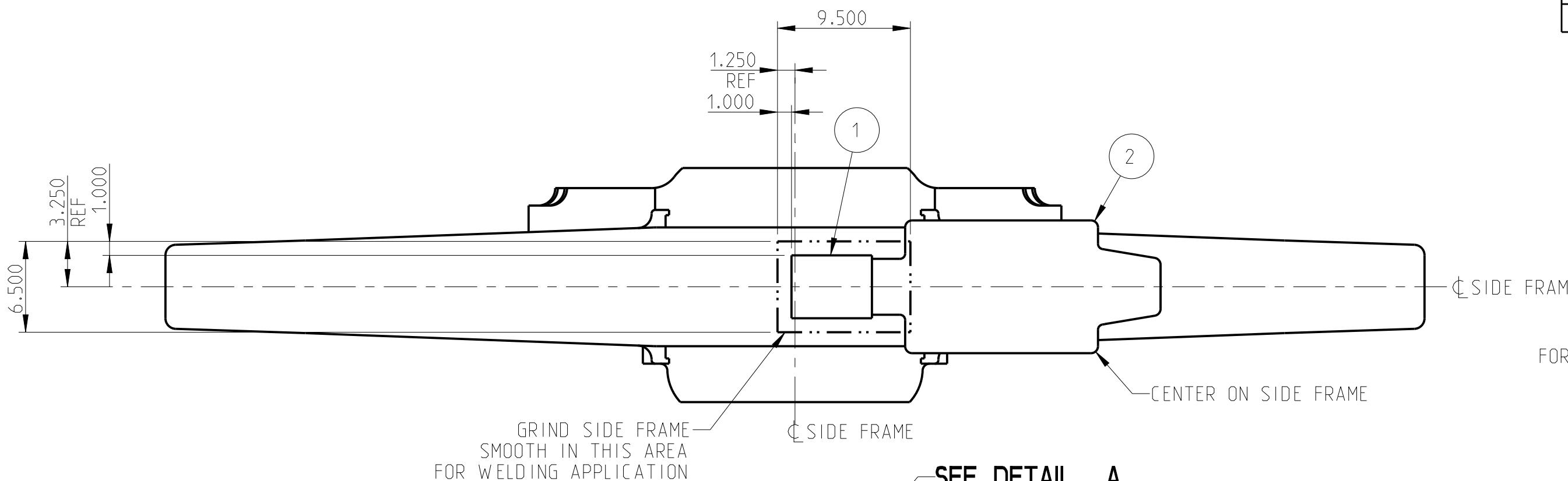
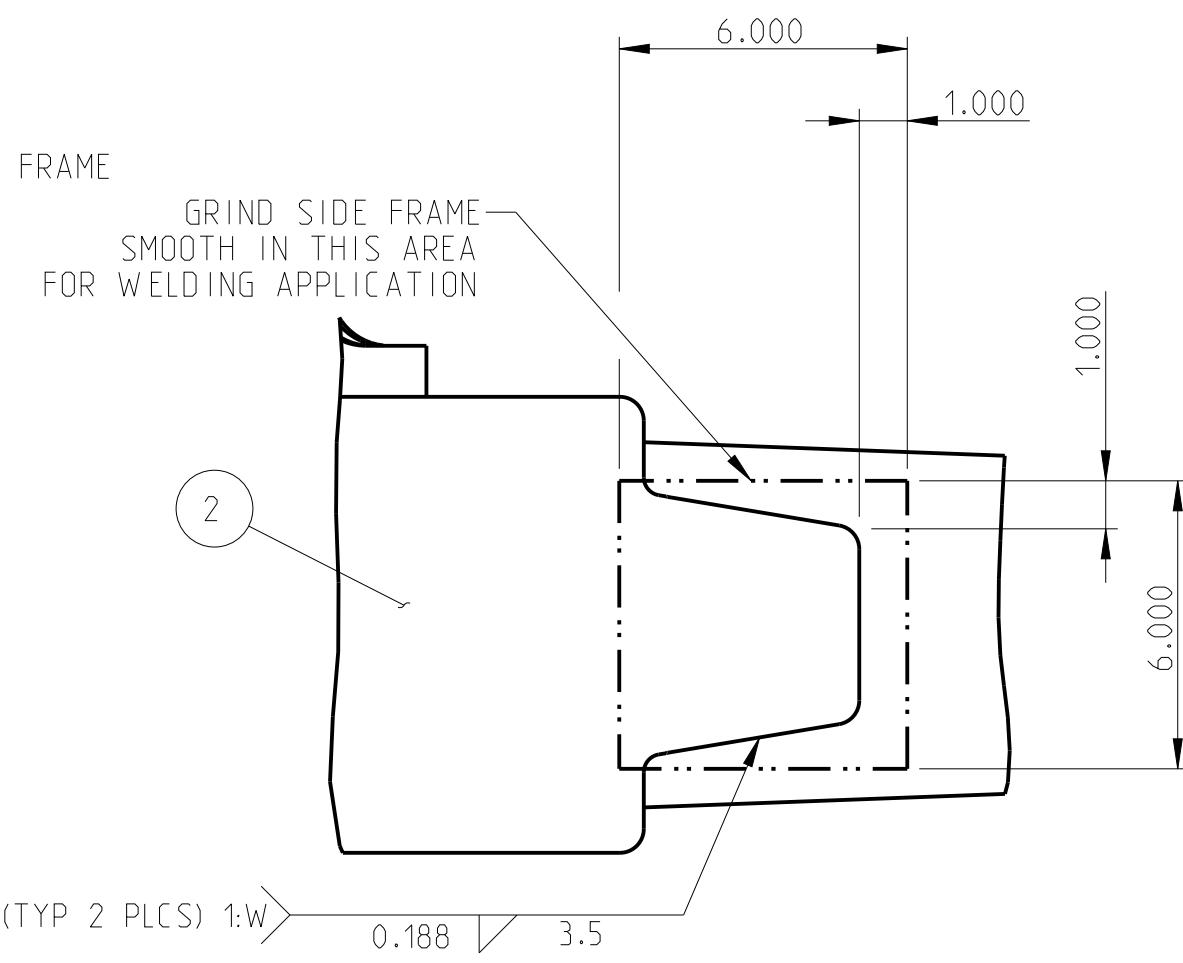


BILL OF MATERIAL

Item No.	Part No.	Description	Quantity
1	M103382-001	RETAINER, MOUNTING PLATE	1
2	M104543-002	PLATE, EMPTY LOAD CONTACT	1

NOTE:

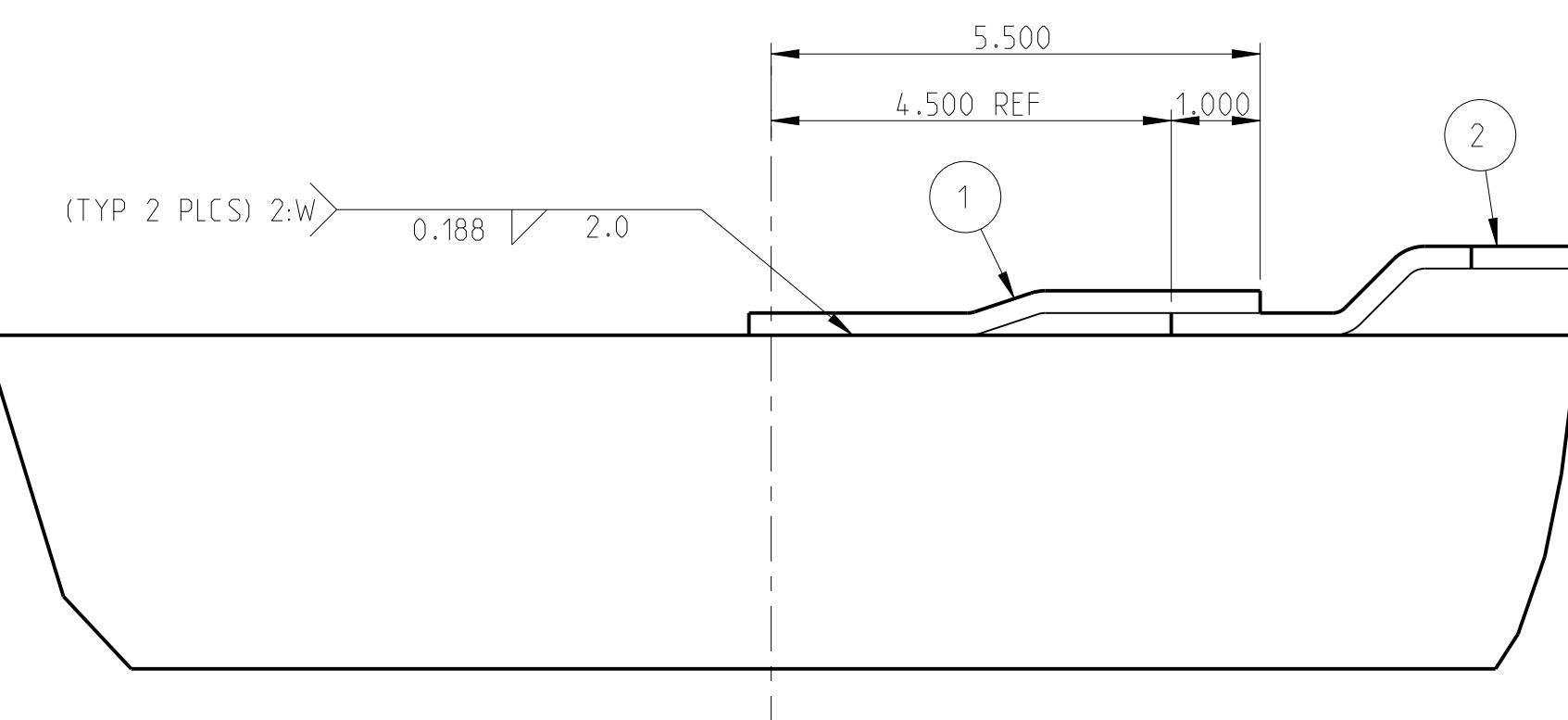
PARTS TO BE STRUCTURED UNDER BRAKE BOM IN ORACLE.
DRAWING BOM SUPPLIED AS REFERENCE ONLY.

**SEE DETAIL A**

(TYP 2 PLCS) 1:W

0.188 V 3.5

NOTE:
DO NOT WELD
IN RADIUS

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

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Standard Tolerances (Unless Noted)

Decimal Dimensions ± 0.063	Hole Diameters ± 0.033
Diagonals 0.125 Max. Variation	Angles $\pm 1^\circ$
Radii will be thickness of material	Tolerances are not accumulative

Made By: MHK Date: 10-31-12 Ref Dwg: A108829-000

Approved: CSW Do Not Scale Drawing Est. Wt: N/A

APPLICATION, SIDE FRAME E/L CONTACT PLT

Size	Drawing / Part Number	Rev.
C	A108942-000	-