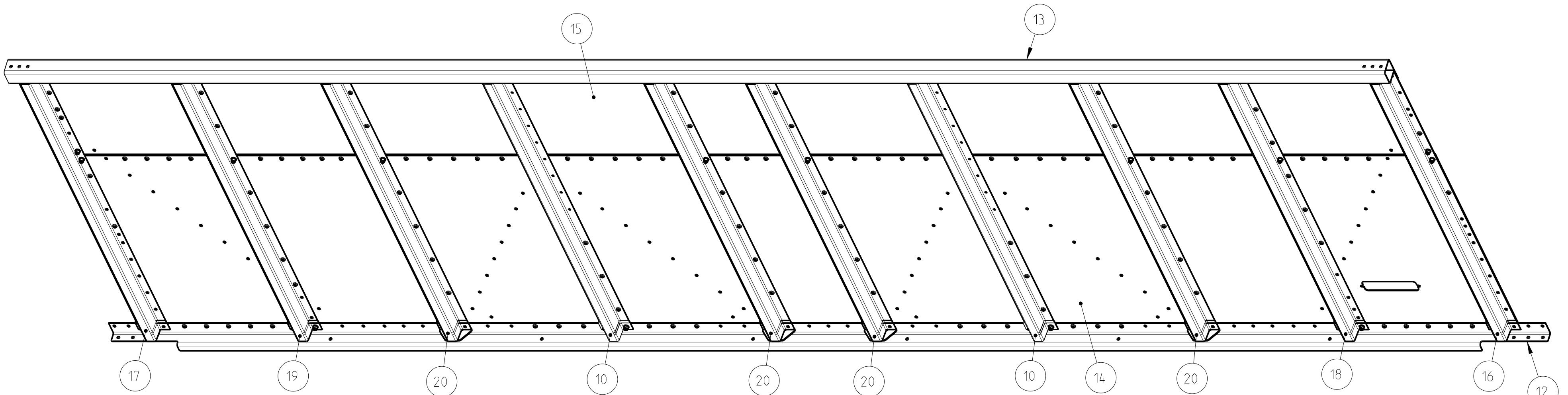
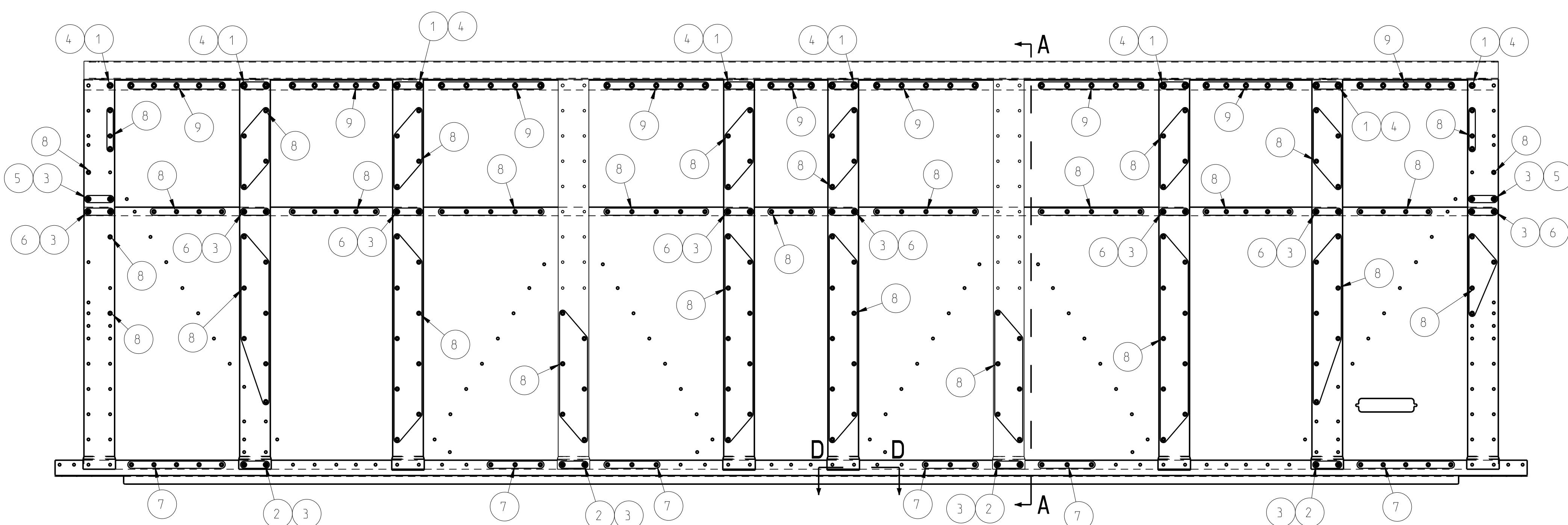


LIST OF MATERIAL

No.	Part No.	Description	Quantity
	10231-005	COLLAR, 3LC-2R24GL	14
	10231-008	LOCKBOLT, C50L30-BR20-8Ga	8
	10231-013	COLLAR, 3LC-2R20GAL	28
	10231-039	LOCKBOLT, C50LR-BR24-12Ga	14
	10231-197	LOCKBOLT, C30C-BR20-4GASS	4
	10231-198	LOCKBOLT, C30C-BR20-8GASS	16
	10254-018	RIVET, 5/8" DIA X 1 1/4" STEEL	22
	10254-022	RIVET, 5/8" DIA X 1 1/8" SS	141
	10254-028	RIVET, 3/4" DIA X 1 1/2" STEEL	43
	M106965-000	SIDE STAKE, CROSSRIDGE	2
	M107296-000	CAP, BOTTOM, INTERMEDIATE SIDE STAKE	4
	M107614-006	SIDE SILL,	1
	M107625-000	TOP CHORD, SIDE	1
	M108955-000	SIDE SHEET, LOWER	1
	M108956-000	SIDE SHEET, UPPER	1
	M108957-010	SIDE STAKE, BOLSTER	1
	M108957-020	SIDE STAKE, BOLSTER	1
	M108958-010	SIDE STAKE, ADJACENT TO BOLSTER	1
	M108958-020	SIDE STAKE, ADJACENT TO BOLSTER	1
	M108959-000	SIDE STAKE, INTERMEDIATE	4

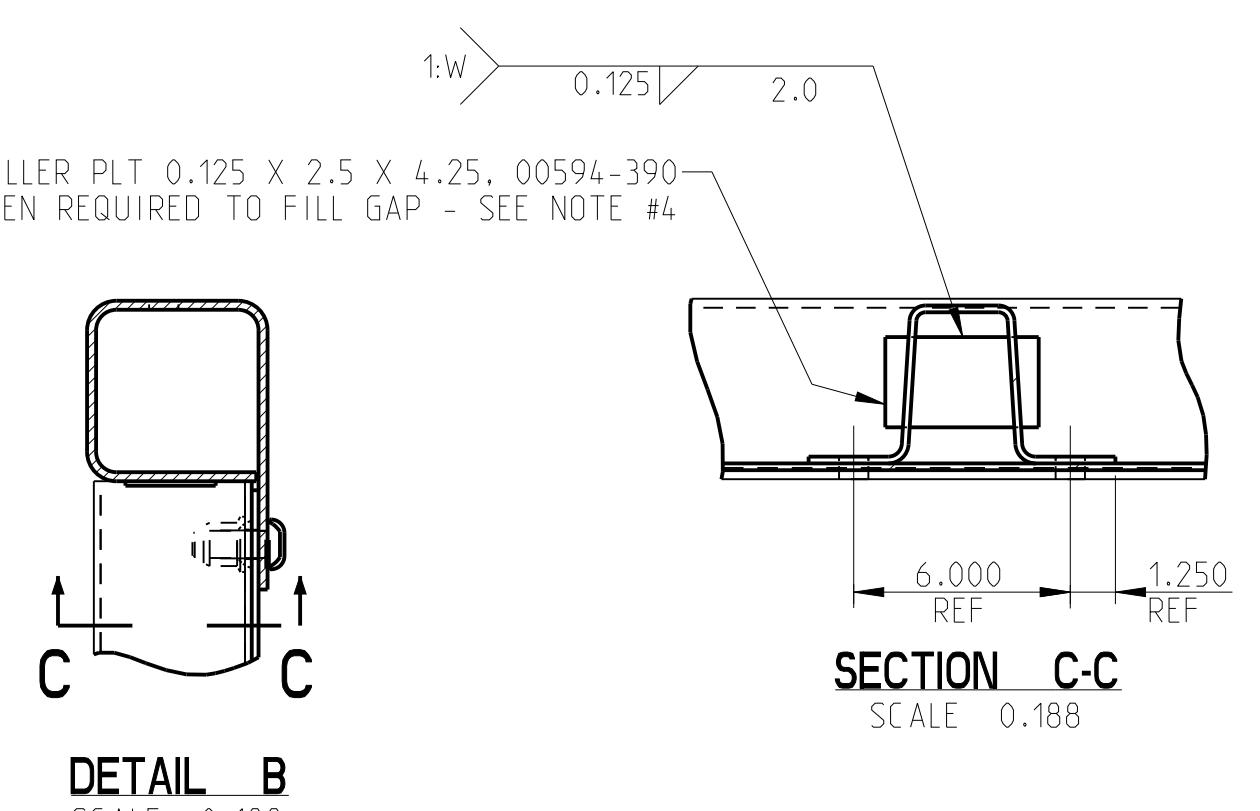


SEE DETA



1.750

SECTION A-A

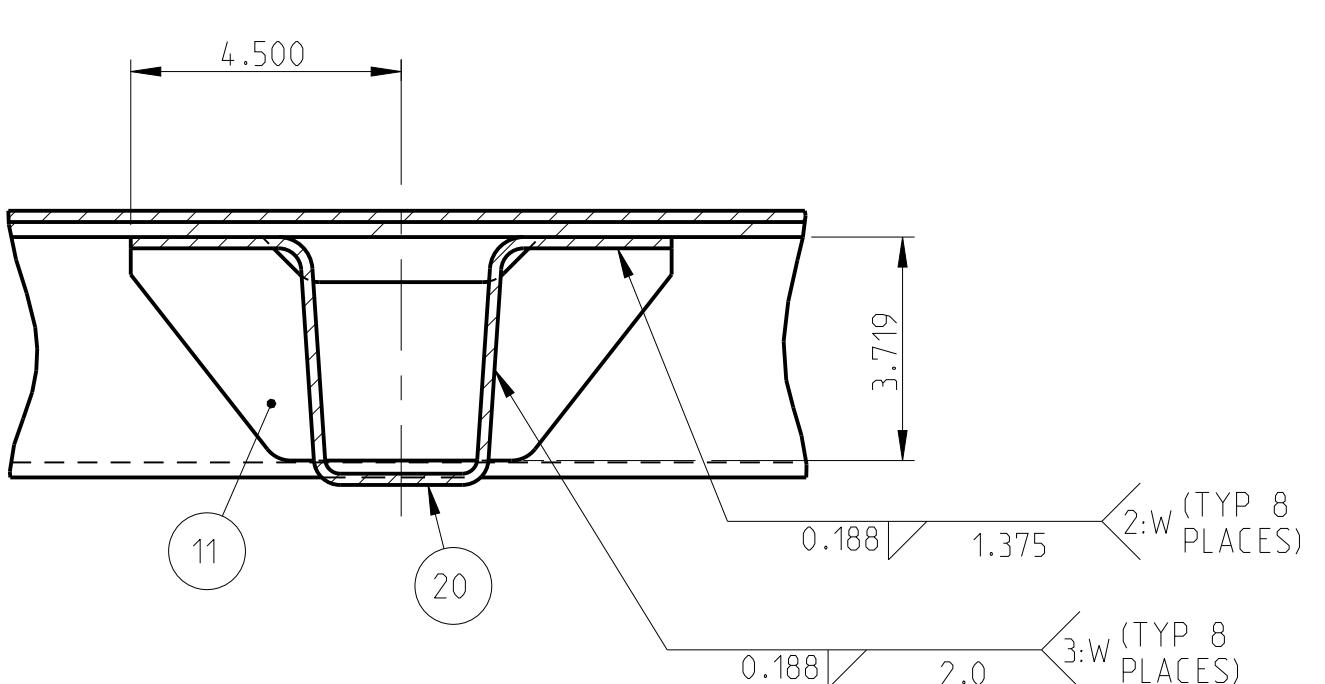


APPLICATION OF FILLER @ SIDE STAKE

NOTES:

- NOTES.**

 1. WHEN MOVING SIDE SHEETS FROM STOCKPILE, USE ROLLERS BETWEEN SHEETS.
 2. IF TWO MAN REAMERS ARE USED, HOLES MUST BE REAMED AT A 90° ANGLE TO ELIMINATE LEANING RIVETS.
 3. USED SIDE PROTECTOR BOARDS WHEN WALKING ON SIDES TO PROTECT FROM SCRATCHING, MARRING, AND SCUFFING.
 4. SIDE STAKES MUST BEAR AGAINST TOP CHORD.
 - A) GAPS BETWEEN THE TOP CHORD AND THE SIDE STAKES NEED NOT BE SHIMMED IF THE GAP IS LESS THAN 0.125.
 - B) IF THE GAP IS 0.125 OR GREATER, THEN A 0.125 X 2.5 X 4.25 STEEL PLATE IS TO BE APPLIED AND WELDED TO THE TOP CHORD PER "APPLICATION OF FILLER @ SIDE STAKE" VIEW.



SECTION D-D

Date Approved	Description
REVISIONS	
<i>FreightCar America</i>	
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, WHOLLY OR IN PART, AND (C) NOT TO DISCLOSE THIS DRAWING TO ANY PERSON OR ENTITY, NOR USE THE DRAWING IN 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)	
Final Dimensions ± 0.063 Tolerance: 0.125 Max. Variation Note: will be thickness of material	Hole Diameters ± 0.031 Angles $\pm 1^\circ$ Note: Tolerances are not accumulative
Approved: JAG	Date: 01-21-16
Do Not Scale Drawing	
Ref Dwg: A108944-000	
Est. Wt: 4167.05 lbs	
ASSEMBLY, SIDE	
Drawing / Part Number	
A108944-001	