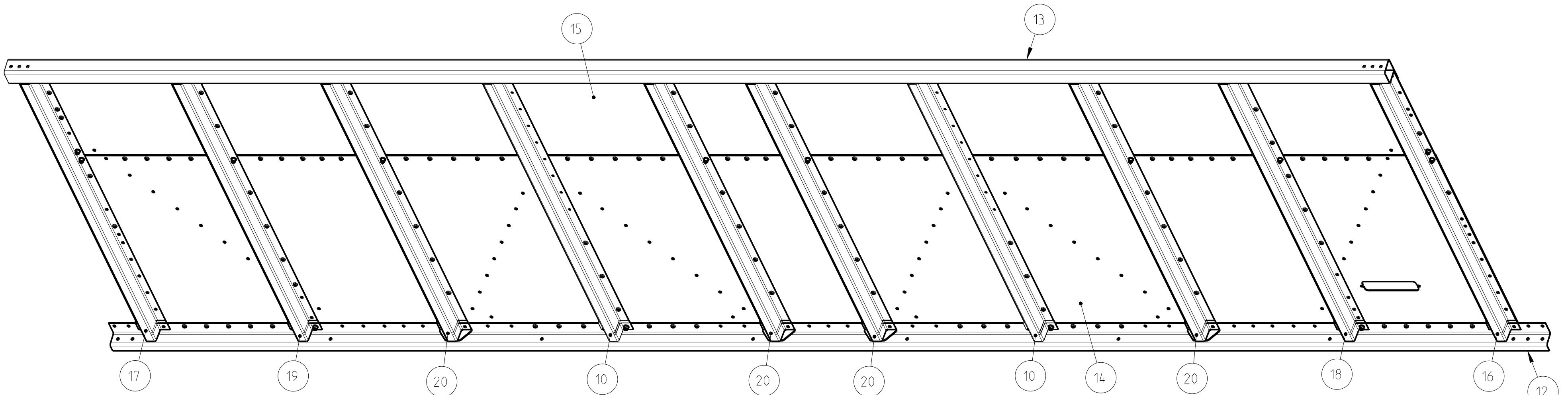
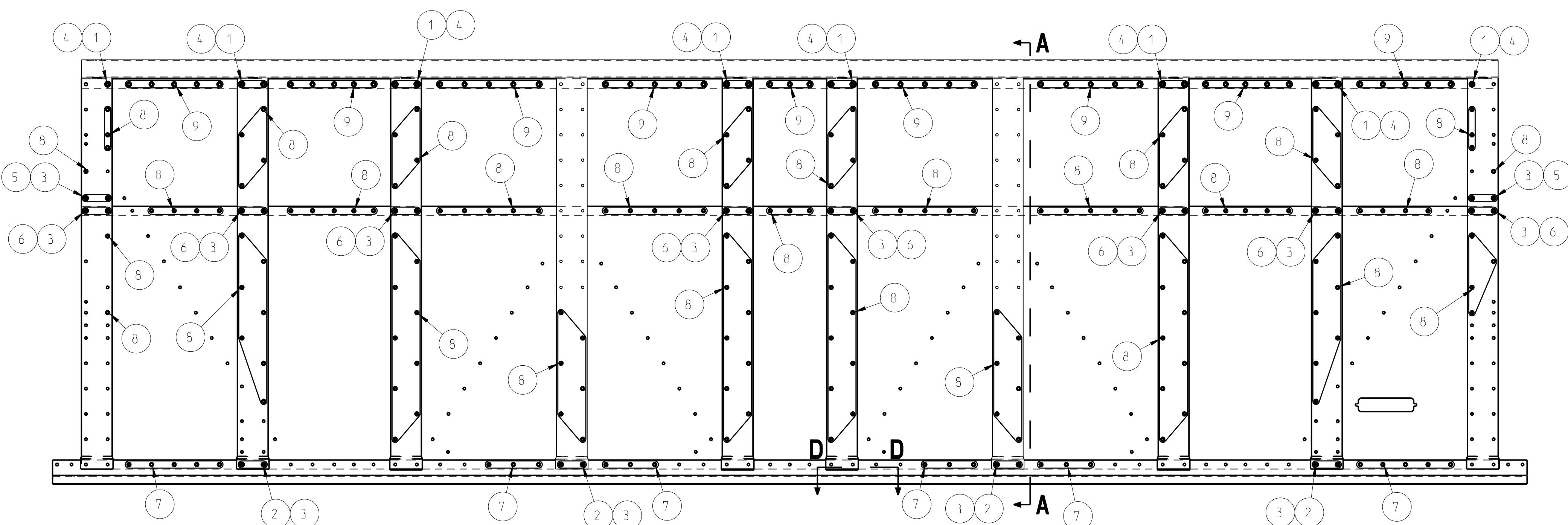


17 16 15 14 13 12 11 10 ◇ 8 7 6 5 4 3 2 1

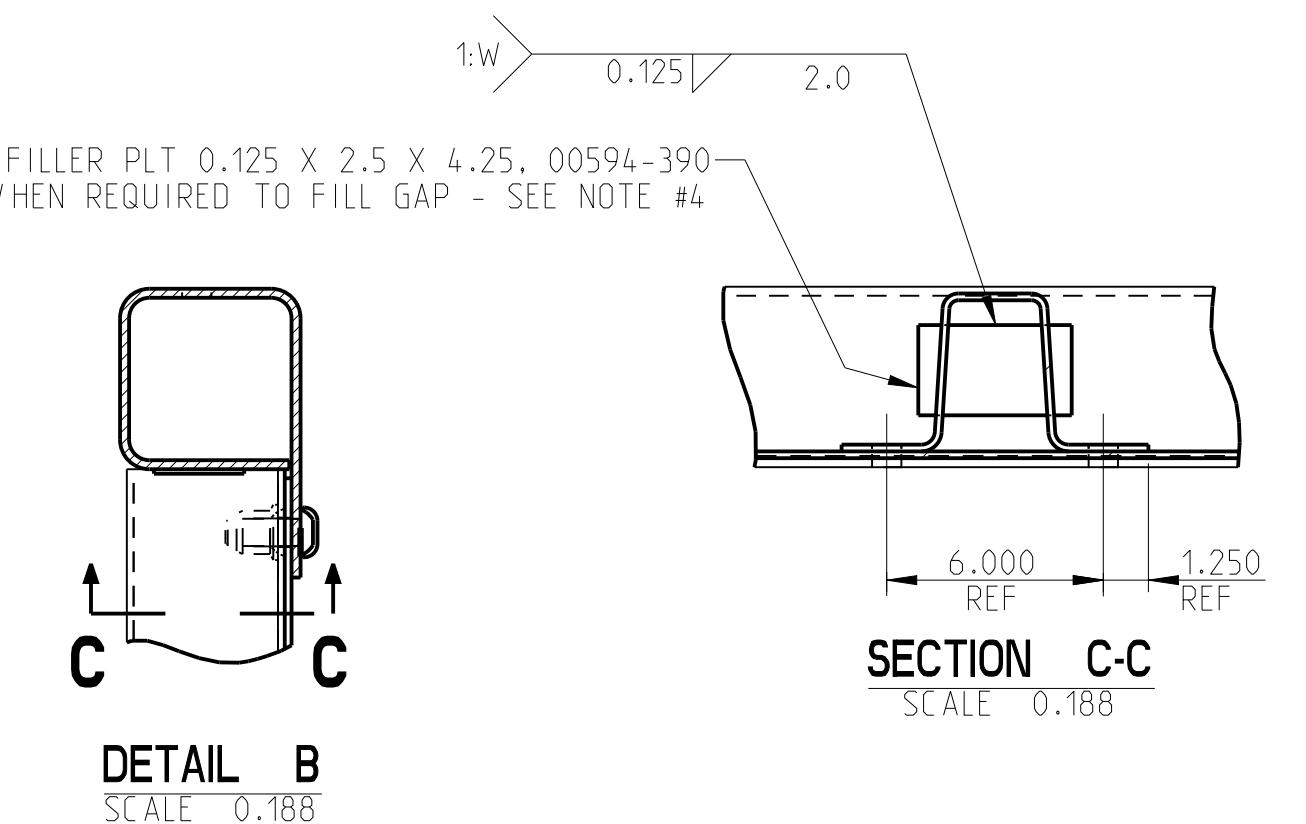


SEE DETAIL B



117.313 REF  
1.750 REF

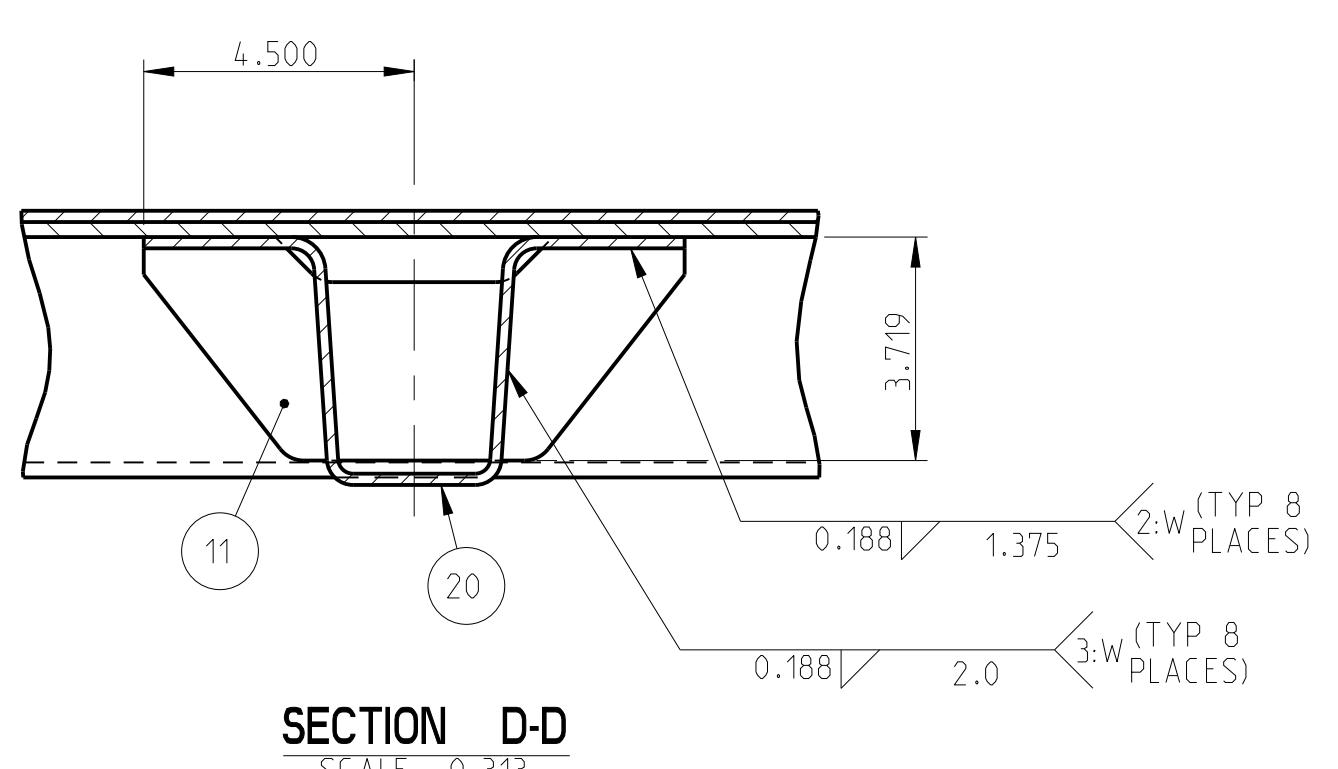
SECTION A-A  
SCALE 0.094



APPLICATION OF FILLER @ SIDE STAKE

#### 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  
SCALE 0.313

Level	Date	Approved	Description
<b>REVISIONS</b>			
<b>FreightCar 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: JAG	Date: 11-14-12	Ref Dwg: A106911-000	
Approved: CSWC/SW	Do Not Scale Drawing	Est. Wt: 4178.26 lbs	
<b>ASSEMBLY, SIDE</b>			
Size D	Drawing / Part Number A108944-000	Rev. -	