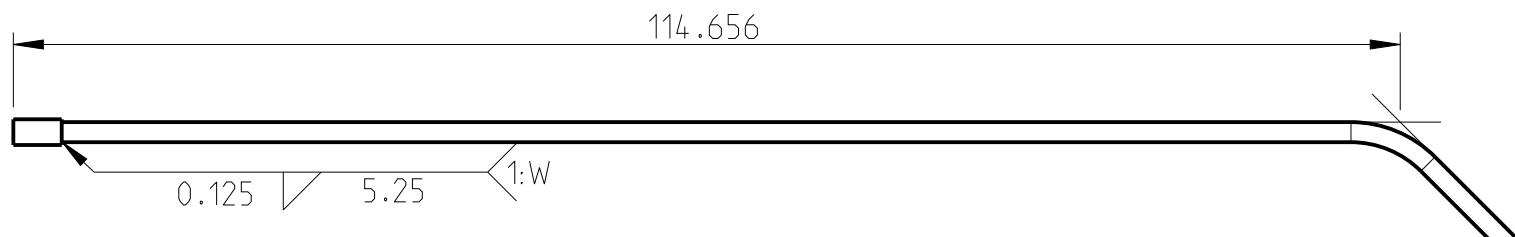


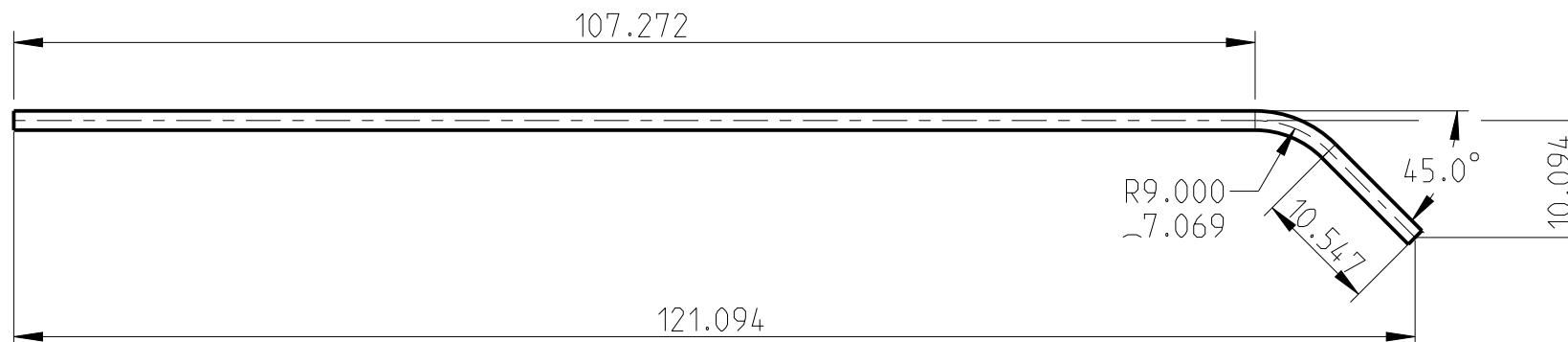
BILL OF MATERIAL

Item No.	Part No.	Description	Quantity	Unit Length
1	10240-145	COUPLING, 1 1/4" SW X SW DEEP	1	
2	M116615-000	PIPE, 1.250 \varnothing , EXTRA HEAVY	1	124.887



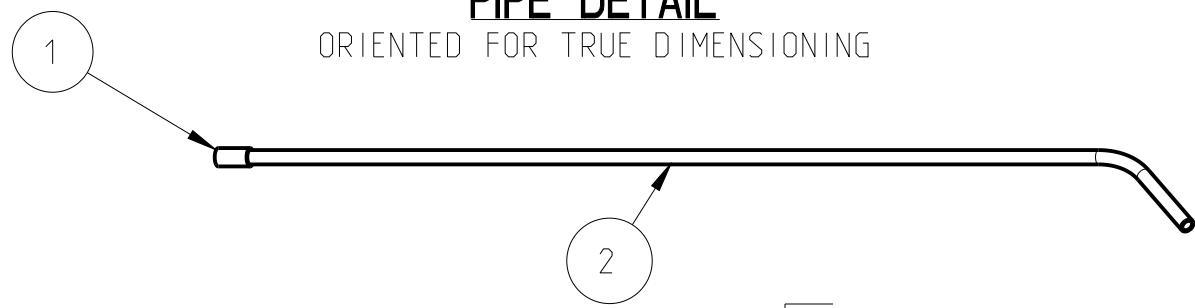
PIPE ASSEMBLY

ORIENTED FOR TRUE DIMENSIONING



PIPE DETAIL

ORIENTED FOR TRUE DIMENSIONING



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. PIPE DIMENSIONS ARE FOR REFERENCE ONLY, MANUFACTURING TO DETERMINE FINAL ASSEMBLY DIMENSIONS.

C 10-19-23 FAR FAR ECO CAS601529, ADDED OVERALL PIPE LENGTH DIMENSIONS ON PIPE DETAIL.

B 01-22-21 JAJ ECO CAS600067, ITEM M116615-000 WAS 10260-002.

A 01-02-13 JWB ECO DAN100146: DIM 114.656 WAS 113.656, UPDATED PIPE LENGTH ACCORDINGLY.

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 $\pm 1^\circ$
Radii will be thickness of material	Tolerances are not accumulative

Made By: MHK Date: 12-12-12 Ref Dwg: N/A

Approved: JWB Do Not Scale Drawing Est. Wt: 32.75 lbs

ASSEMBLY, TRAINLINE PIPE @ B-END ON SIDE SILL

Size	Drawing / Part Number	Rev.
B	A108974-000	C