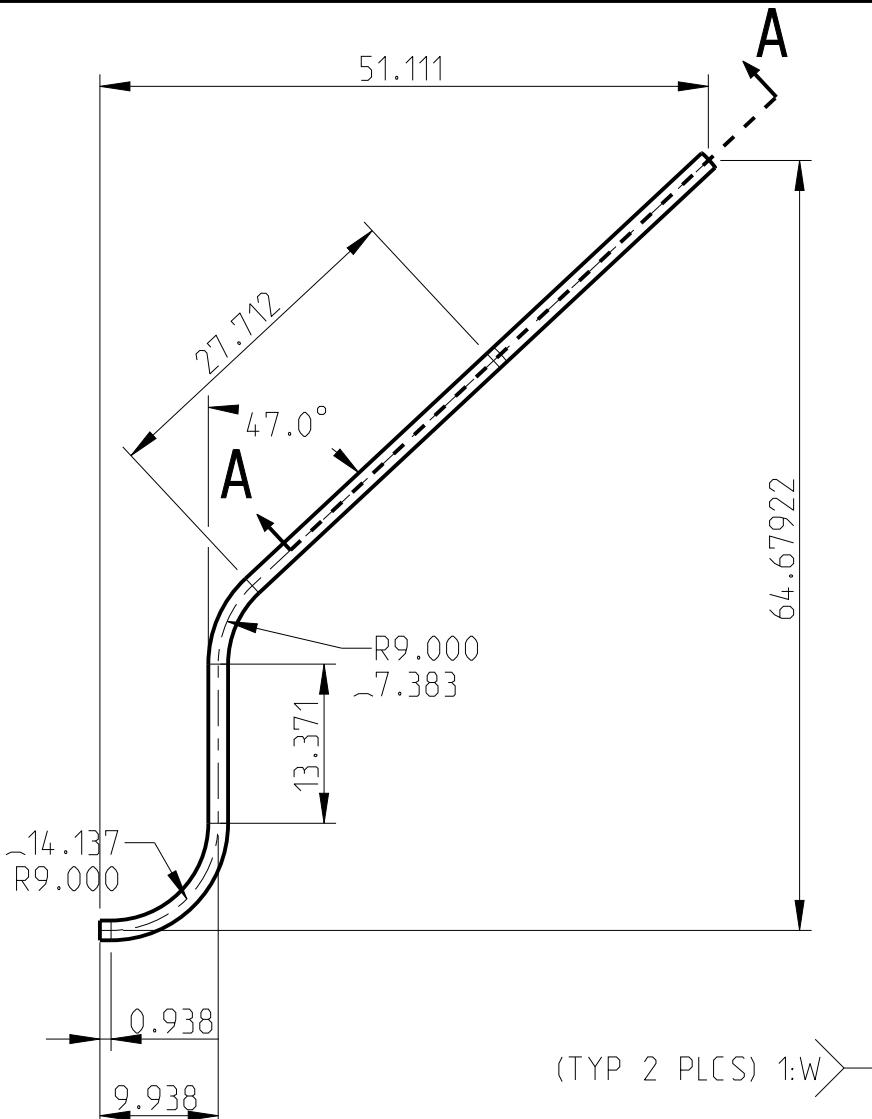


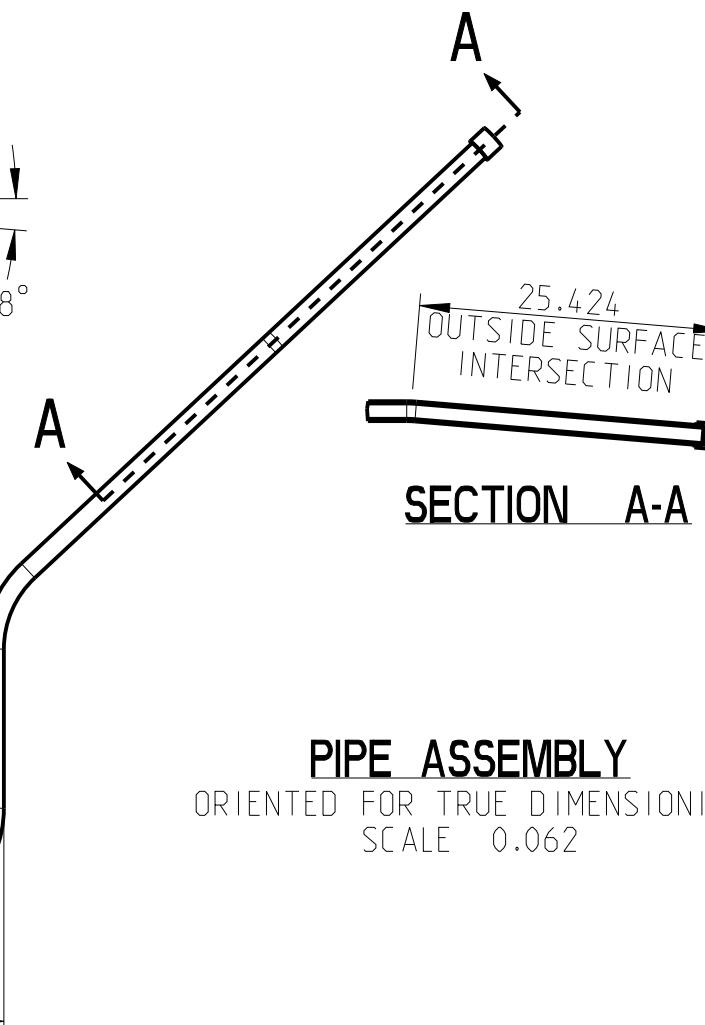
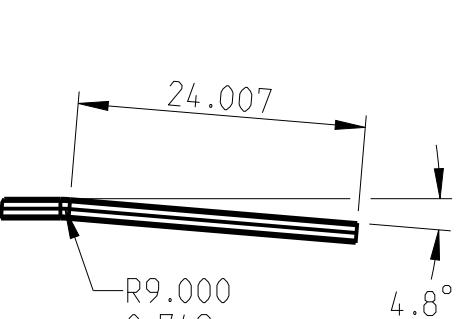
9 8 7 6 ◇ 4 3 2 1

BILL OF MATERIAL

Item No.	Part No.	Description	Quantity	Unit Length
1	10240-077	COUPLING, 1 1/4" SW X SW	2	
2	M116616-000	PIPE, 1.250 \varnothing , EXTRA HEAVY	1	88.297

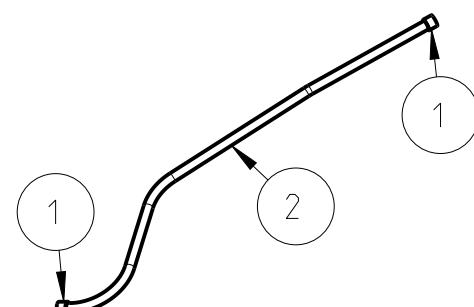


SECTION A-A



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.
4. PIPING TO BE IN ACCORDANCE WITH AAR SPECIFICATION S-402.



E 10-19-23 FARFAR	ECO CAS601529. ADDED OVERALL PIPE LENGTH DIMENSIONS ON PIPE DETAIL.
D 01-22-21 JAJ	ECO CAS600067, ITEM M116616-000 WAS 10260-002.
C 11-01-17 JAG	ADDED NOTE #4 AND UPDATED PIPE TO MEET AAR SPECIFICATION
B 01-16-13 JWB	PER ECO DAN100152: CHANGED PIPE ASSEMBLY TO ALLOW FOR CLEARANCE.
A 01-02-13 JWB	REVISED PRINT TO SHOW UPDATED DIMENSIONS TO ALLOW FOR CLEARANCE ON CAR BODY.

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

Approved: JWB Do Not Scale Drawing Est. Wt: 23.41 lbs

ASSEMBLY, TRAINLINE PIPE @ A-END

Size	Drawing / Part Number	Rev.
B	A108975-000	E