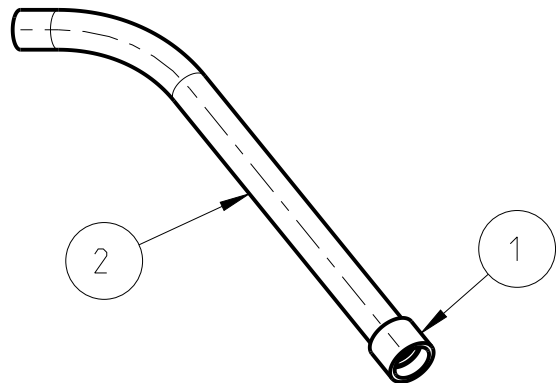


PIPE ASSEMBLY
ORIENTED FOR TRUE DIMENSIONS

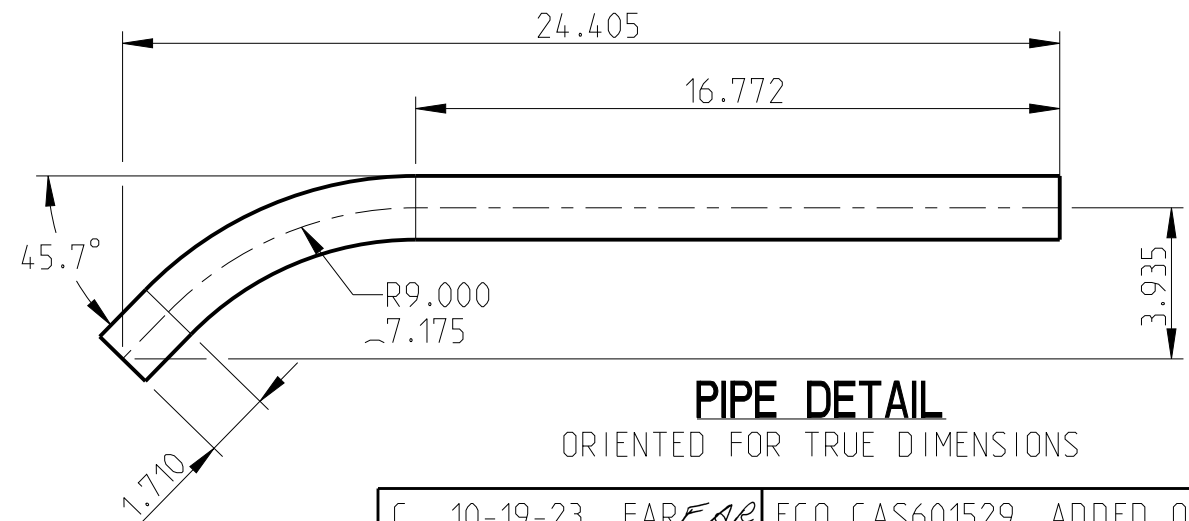


NOTE:

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. PIPE DIMENSIONS ARE FOR REFERENCE ONLY. MANUFACTURING TO DETERMINE FINAL ASSEMBLY DIMENSIONS.
4. PIPING TO BE IN ACCORDANCE WITH AAR SPECIFICATION S-402.

BILL OF MATERIAL

Item No.	Part No.	Description	Quantity	Unit Length
1	10240-077	COUPLING, 1 1/4" SW X SW	1	
2	M116620-000	PIPE, 1.25 Ø EXTRA HEAVY	1	25.657



PIPE DETAIL
ORIENTED FOR TRUE DIMENSIONS

C	10-19-23	FAR	ECO CAS601529, ADDED OVERALL PIPE LENGTH DIMENSIONS ON PIPE DETAIL.
B	01-22-21	JAJ	ECO CAS600067, ITEM M116620-000 WAS 10260-002.
A	11-01-17	JAG	ADDED NOTE #4 AND UPDATED PIPE TO MEET AAR SPECIFICATION
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: STS	Date: 12-17-12	Ref Dwg: -	
Approved: JWB	Do Not Scale Drawing	Est. Wt: 7.07 lbs	

ASSEMBLY, A-END DOORLINE TO TEE PIPE

Size	Drawing / Part Number	Rev.
B	A108979-000	C