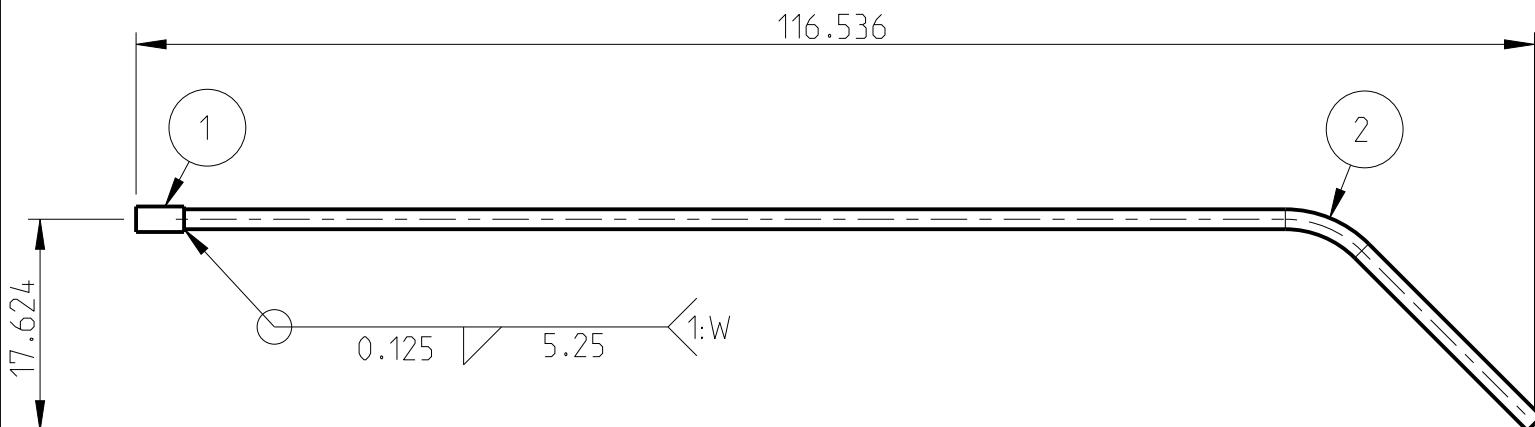
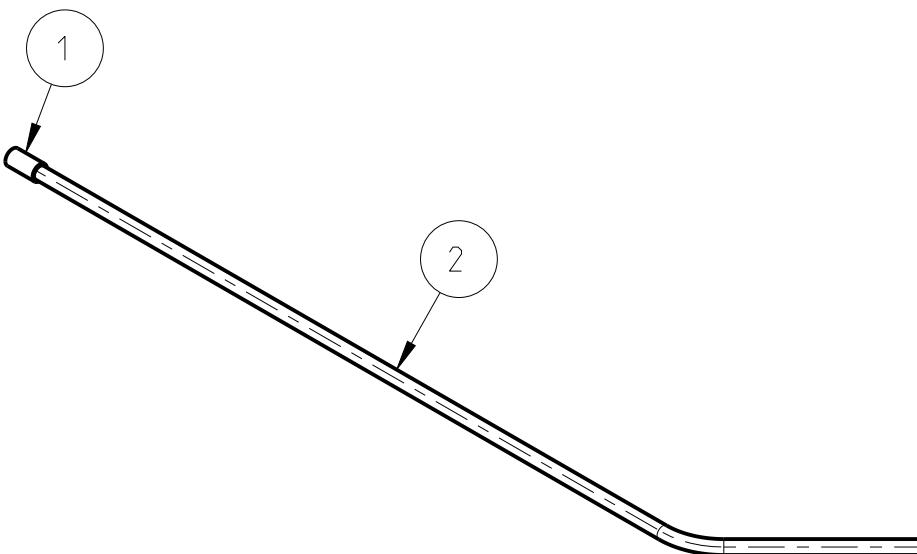


BILL OF MATERIAL

Item No.	Part No.	Description	Quantity	Unit Length
1	10240-145	COUPLING, 1 1/4" SW X SW DEEP	1	
2	M116619-000	PIPE, 1.25 \varnothing , EXTRA HEAVY	1	119.894

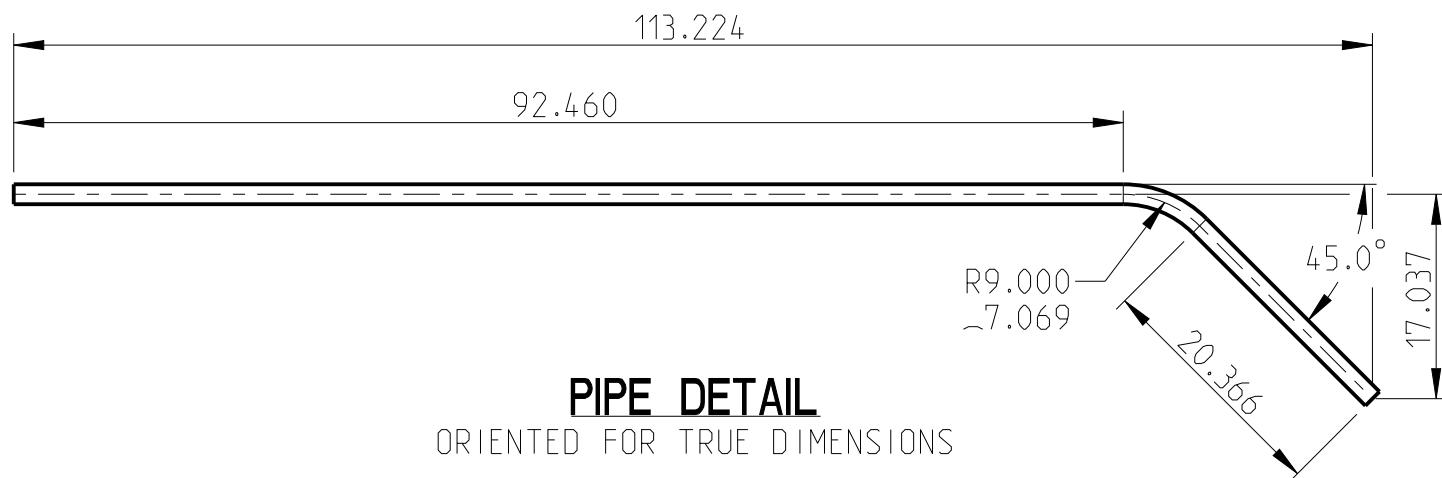


PIPE ASSEMBLY
ORIENTED FOR TRUE DIMENSIONS



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.



PIPE DETAIL
ORIENTED FOR TRUE DIMENSIONS

A	10-19-23	FAR FAR	ECO CAS601529, ADDED OVERALL PIPE LENGTH DIMENSIONS ON PIPE DETAIL.
Level	Date	Approved	Description

REVISIONS

FreightCar America

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Standard Tolerances (Unless Noted)

Decimal Dimensions \pm 0.063	Hole Diameters \pm 0.031
Diagonals 0.125 Max. Variation	Angles \pm 1°
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: 31.50 lbs

ASSEMBLY, B-END DOORLINE PIPE

Size	Drawing / Part Number	Rev.
B	A108978-000	A