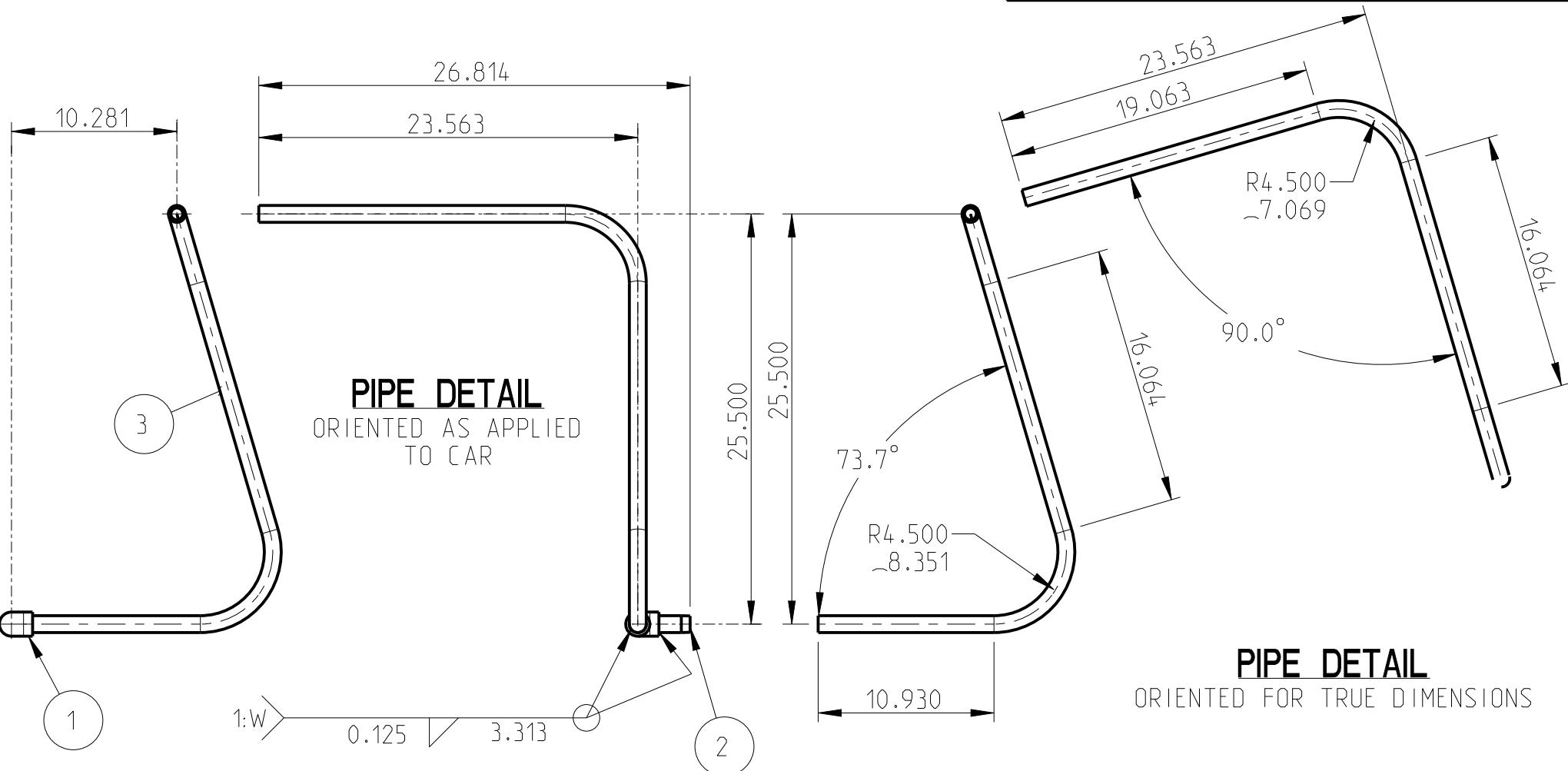
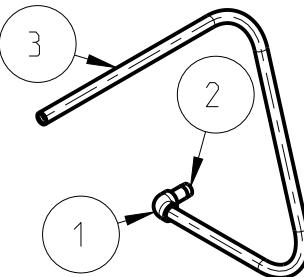


BILL OF MATERIAL

Item No.	Part No.	Description	Quantity	Unit Length
1	10240-018	FITTING, ELBOW, 3/4" X 90 SOCKET WELD	1	
2	10240-296	NIPPLE, 3/4" X 2 1/2" XH THREADED ONE END, TAPERED	1	
3	M116622-000	PIPE, 0.75Ø, EXTRA HEAVY	1	61.476


NOTE:

- ALL WELDING TO BE IN ACCORDANCE WITH RAILROAD WELDING SPECIFICATION AWS D15.1, LATEST REVISION, AND TO BE CLASS 2 UNLESS OTHERWISE SPECIFIED.
- UNLESS OTHERWISE NOTED, ALL WELD LENGTHS SHOWN ARE MINIMUM LENGTHS. WELD TERMINATIONS FOR FILLET WELDS MUST HAVE A MINIMUM EDGE DISTANCE OF 0.25.
- PIPE DIMENSIONS ARE FOR REFERENCE ONLY. MANUFACTURING TO DETERMINE FINAL ASSEMBLY DIMENSIONS.
- PIPING TO BE IN ACCORDANCE WITH AAR SPECIFICATION S-402.



D 10-19-23 FARFAR	ECO CAS601529. ADDED OVERALL PIPE LENGTH DIMENSIONS ON PIPE DETAIL.
C 01-22-21 JAJ	ECO CAS600067, ITEM M116622-000 WAS 10260-004.
B 11-27-17 MCH	DUE TO MOVING PIPE CLAMP TO INBOARD SIDE OF BOLSTER WEB FOR FIT-UP 10.930 DIM WAS 7.357
A 11-02-17 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: 8.56 lbs

ASSEMBLY, "AR" WAYSIDE AIR PIPE

Size	Drawing / Part Number	Rev.
B	A108995-000	D