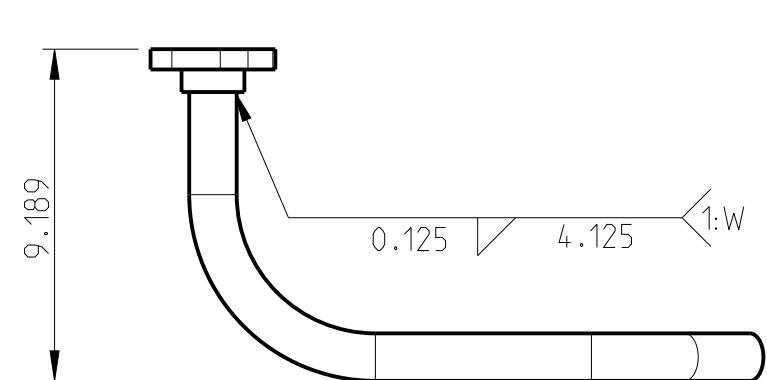
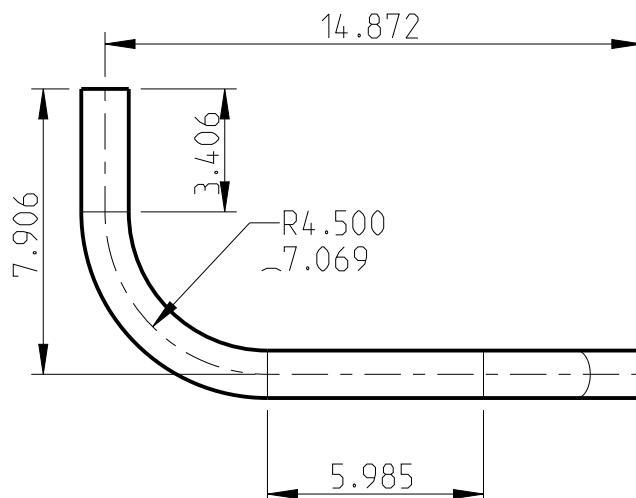
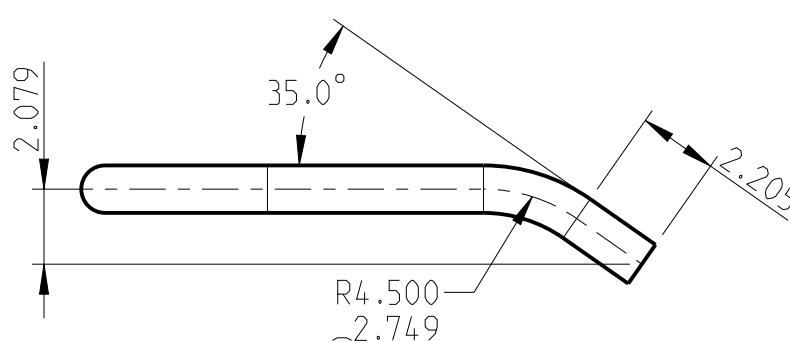


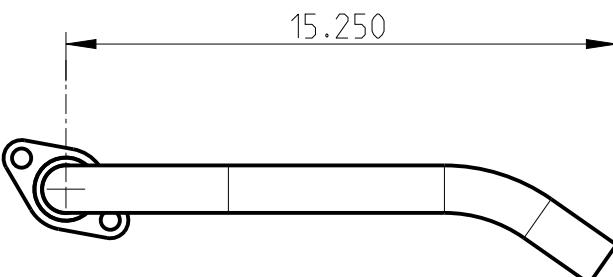
9 8 7 6 ◇ 4 3 2 1



PIPE DETAIL
ORIENTED FOR TRUE DIMENSIONING
SCALE 0.188



PIPE ASSEMBLY
ORIENTED FOR TRUE DIMENSIONING
SCALE 0.188

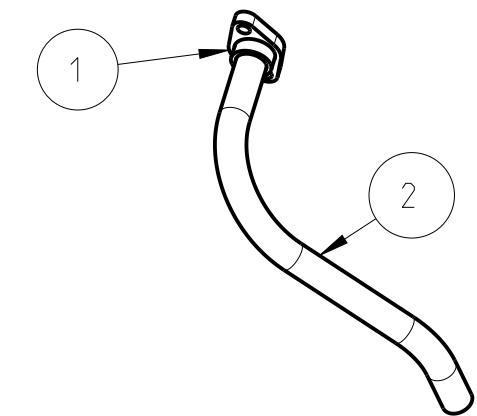


NOTE:

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.

BILL OF MATERIAL

Item No.	Part No.	Description	Quantity	Unit Length
1	10240-065	FITTING, 1" STRT SWV FLG SW , GG	1	
2	M116625-000	PIPE, 1.000 \varnothing , EXTRA HEAVY	1	21.414



C 11-28-23 FAR FAR	ECO CAS601576: ADDED OVERALL PIPE LENGTH DIMENSIONS ON PIPE DETAIL.
B 01-22-21 JAJ	ECO CAS600067: PIPE M116625-000 WAS 10260-003.
A 10-31-17 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: JWB/MHK Date: 12-12-12 Ref Dwg: N/A

Approved: JWB Do Not Scale Drawing Est. Wt: 4.77 lbs

ASSEMBLY, BRANCH PIPE

Size	Drawing / Part Number	Rev.
B	A109012-000	C