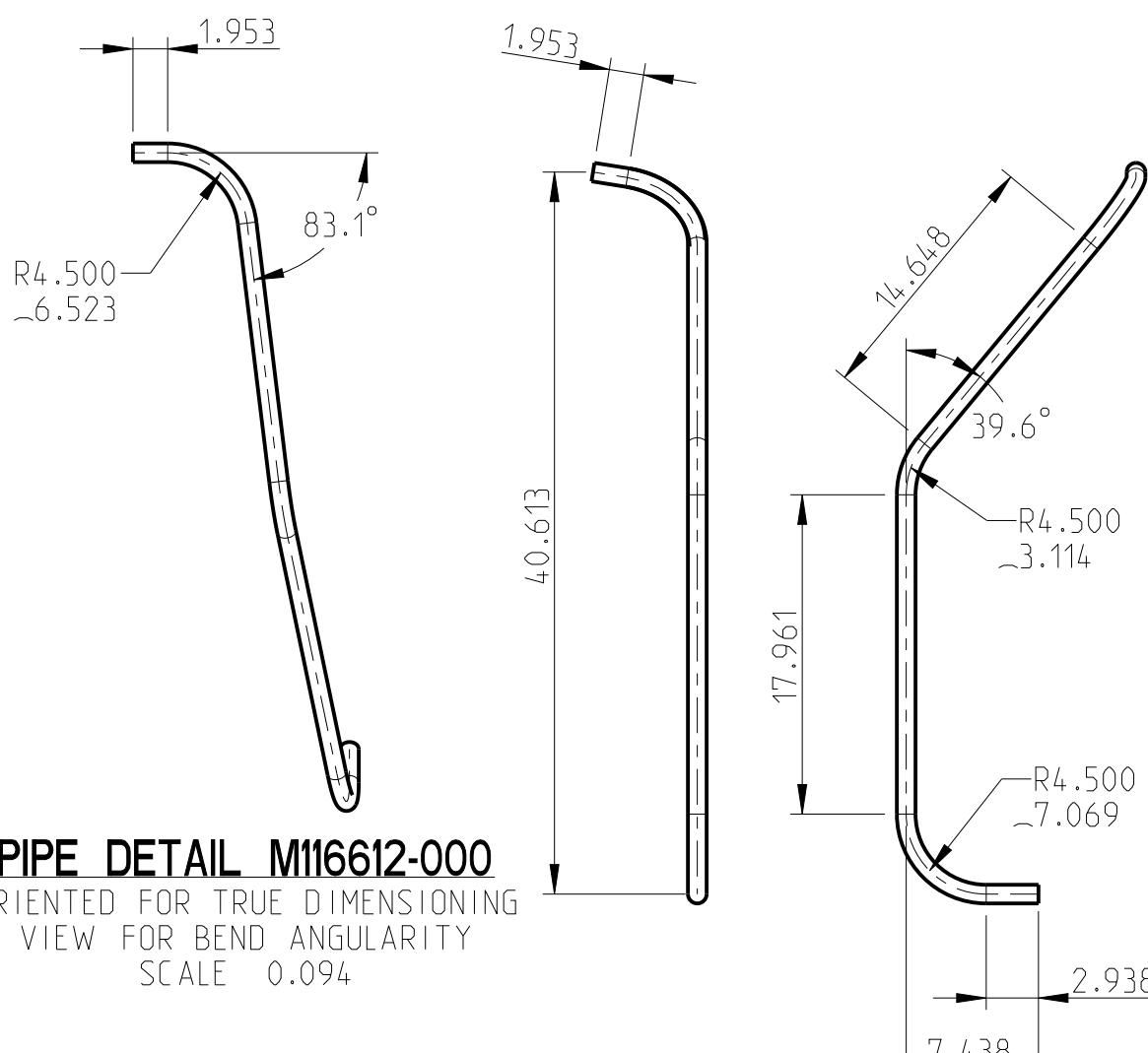


BILL OF MATERIAL

Item No.	Part No.	Description	Quantity	Unit Length
1	10240-067	FITTING, 3/4" STRT SWV FLG SW, GG	2	
2	M116612-000	PIPE, 0.750 Ø, EXTRA HEAVY	1	54.205



PIPE DETAIL M116612-000

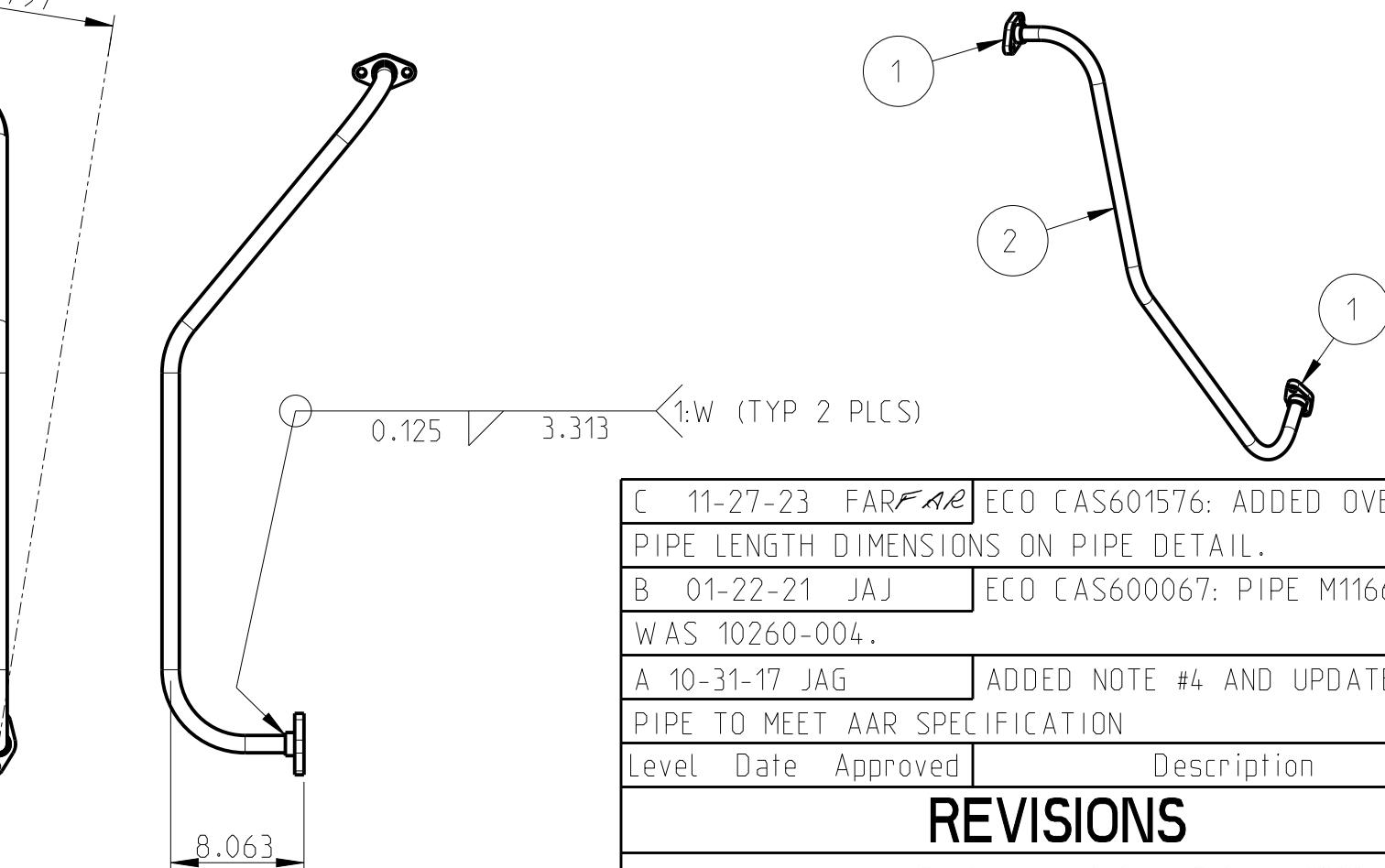
ORIENTED FOR TRUE DIMENSIONING
VIEW FOR BEND ANGULARITY
SCALE 0.094

PIPE DETAIL

ORIENTED FOR TRUE DIMENSIONING
SCALE 0.094

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.



PIPE ASSEMBLY

ORIENTED FOR TRUE DIMENSIONING
SCALE 0.094

C 11-27-23 FAR FAR ECO CAS601576: ADDED OVERALL PIPE LENGTH DIMENSIONS ON PIPE DETAIL.

B 01-22-21 JAJ ECO CAS600067: PIPE M116612-000 WAS 10260-004.

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: MHK Date: 12-12-12 Ref Dwg: -

Approved: JWB Do Not Scale Drawing Est. Wt: 8.16 lbs

ASSEMBLY, AUX RES TO CNTRL VALVE

Size	Drawing / Part Number	Rev.
B	A108971-000	C