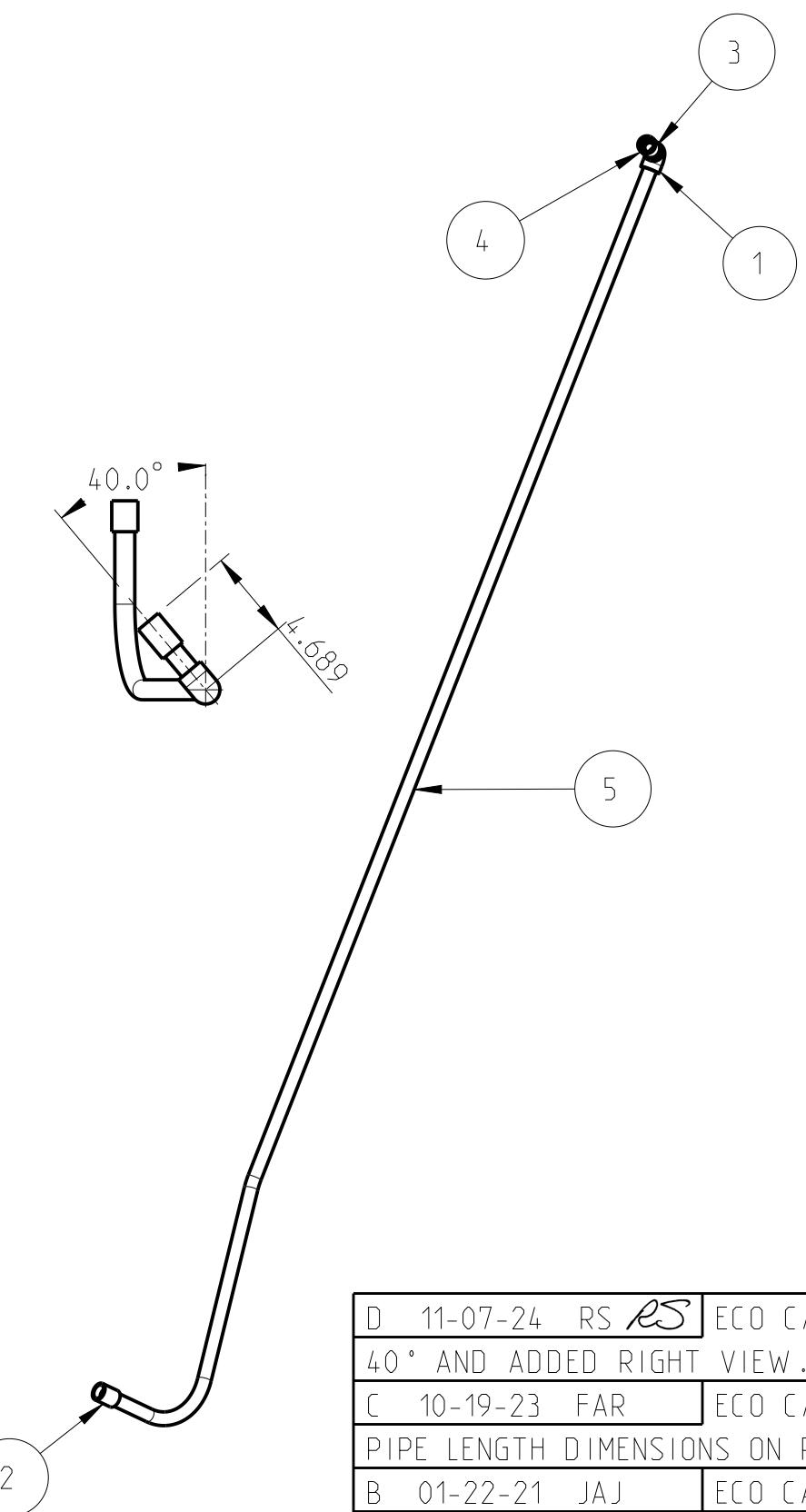
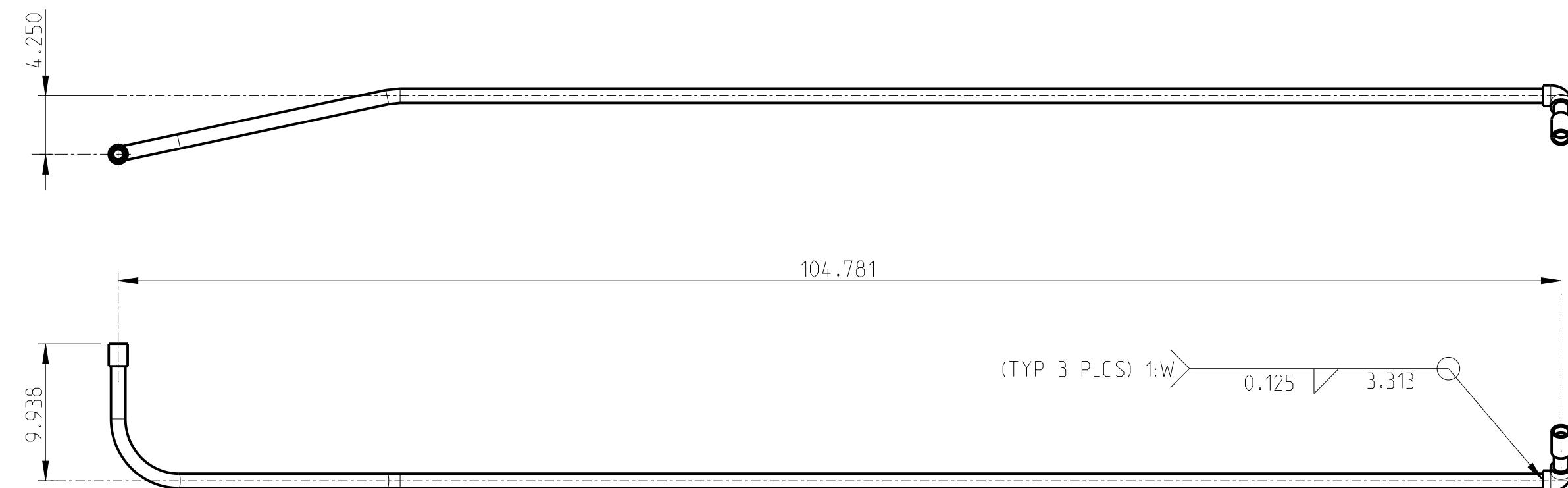


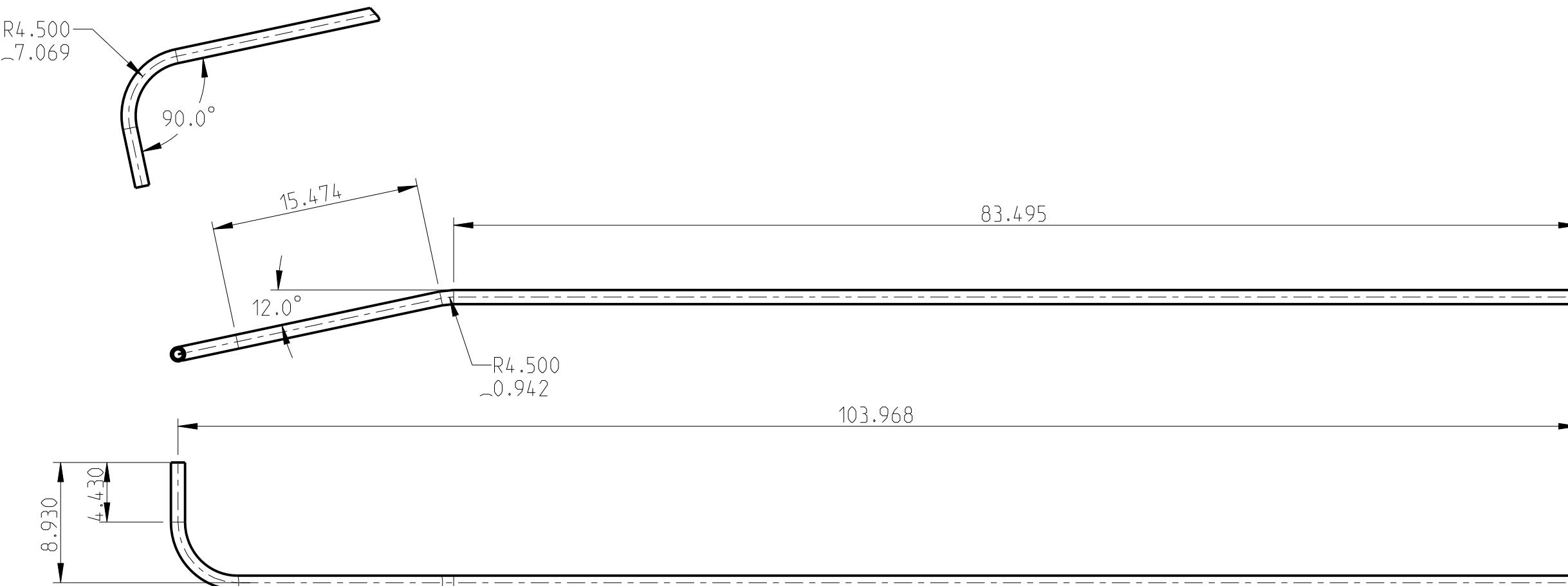
BILL OF MATERIAL

Item No.	Part No.	Description	Quantity	Unit Length
1	10240-018	FITTING, ELBOW, 3/4" X 90 SOCKET WELD	1	
2	10240-124	COUPLING, 3/4" TAPPED X 3/4" SW	1	
3	10240-296	NIPPLE, 3/4" X 2 1/2" XH THREADED ONE END, TAPERED	1	
4	10240-346	COUPLING, 3/4" THREADED, 3000 LB, FORGED	1	
5	M116627-000	PIPE, 0.75 Ø, EXTRA HEAVY	1	111.409



PIPE ASSEMBLY

ORIENTED FOR TRUE DIMENSIONING



PIPE DETAIL

ORIENTED FOR TRUE DIMENSIONING

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.

D 11-07-24 RS ~~RS~~ ECO CAS602196, ROTATED ELBOW
40° AND ADDED RIGHT VIEW.

C 10-19-23 FAR ECO CAS601529, ADDED OVERALL
PIPE LENGTH DIMENSIONS ON PIPE DETAIL.

B 01-22-21 JAJ ECO CAS600067, ITEM M116627-000
WAS 10260-004.

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: JAG/RLL Date: 09-16-16 Ref Dwg: A108944-001

Approved: GJF Do Not Scale Drawing Est. Wt: 15.35 lbs

ASSEMBLY, SPOOL VALVE PIPE

Size C	Drawing / Part Number A113321-000	Rev. D
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