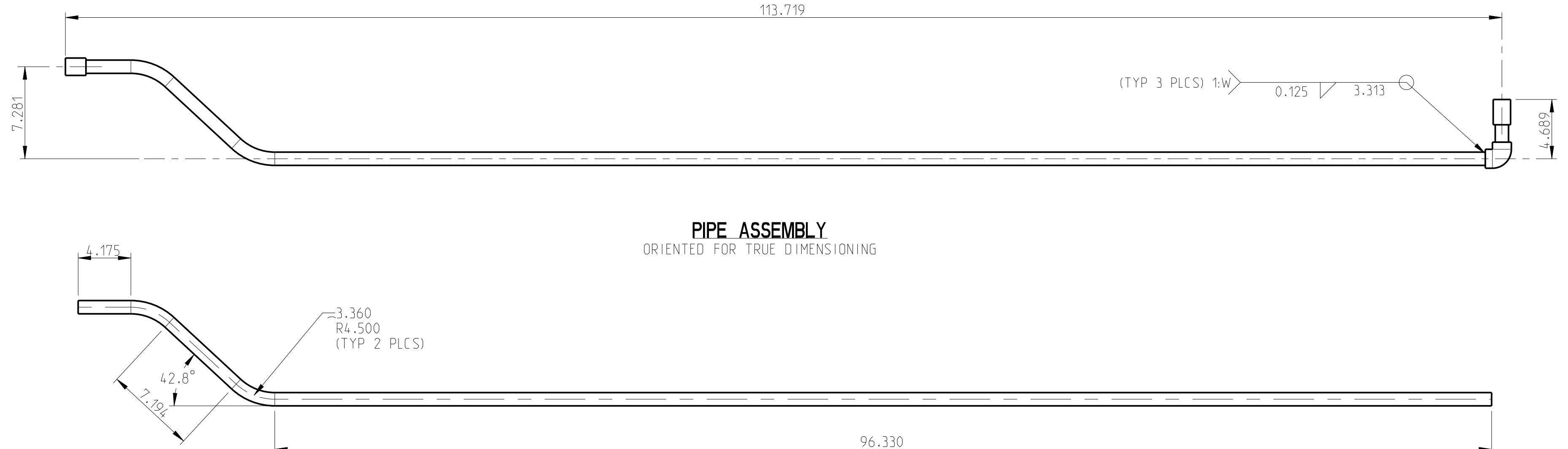
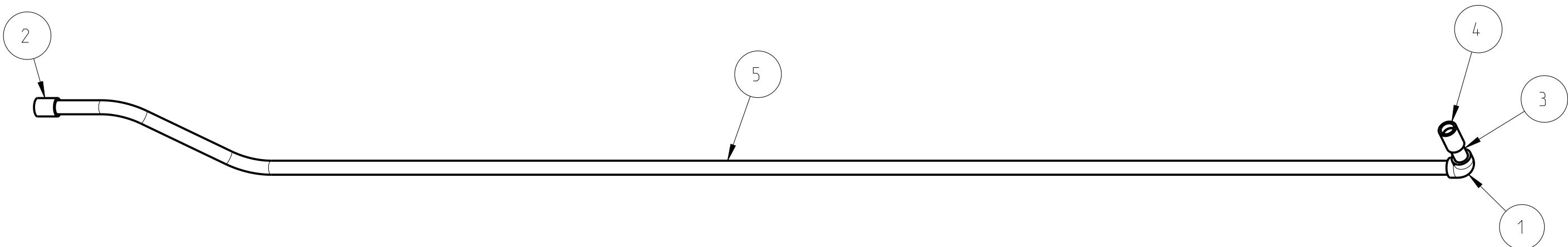


BILL OF MATERIAL

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	1	
4	10240-346	COUPLING, 3/4" THREADED, 3000 LB. FORGED	1	
5	10260-004	PIPE, 0.75 Ø, EXTRA HEAVY	1	104.419



PIPE DETAIL
ORIENTED FOR TURE DIMENSIONING



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	Date: 02-05-19 Ref Dwg: A109884-002
Approved: JAG	Do Not Scale Drawing Est. Wt: 15.72 lbs
ASSEMBLY, SPOOL VALVE PIPE	
Size C	Drawing / Part Number A113322-001 Rev. -

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.