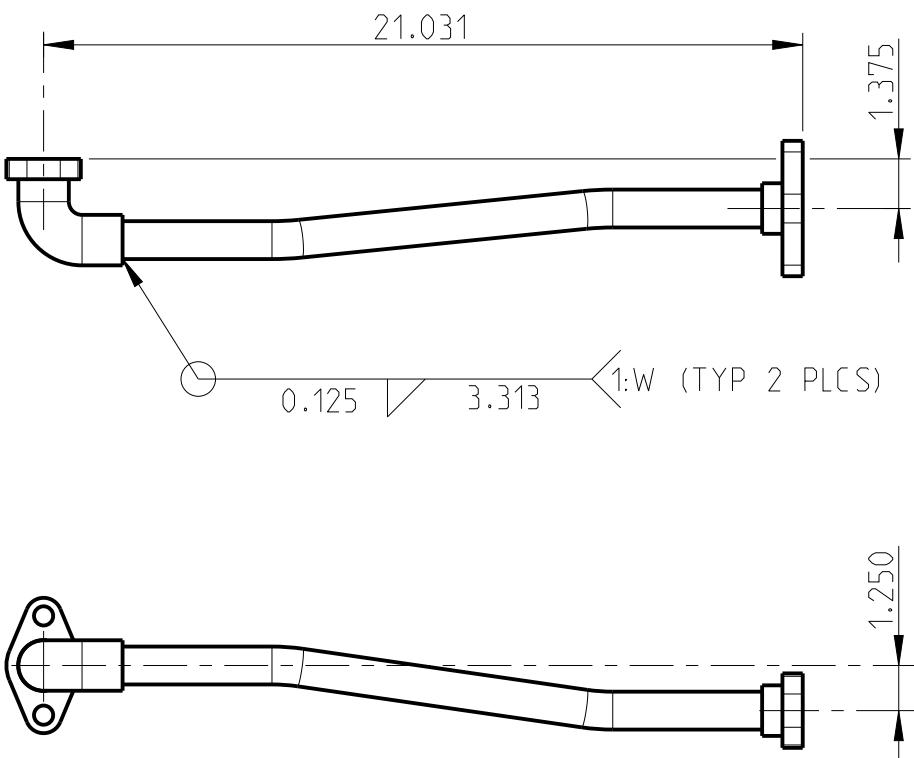


BILL OF MATERIAL

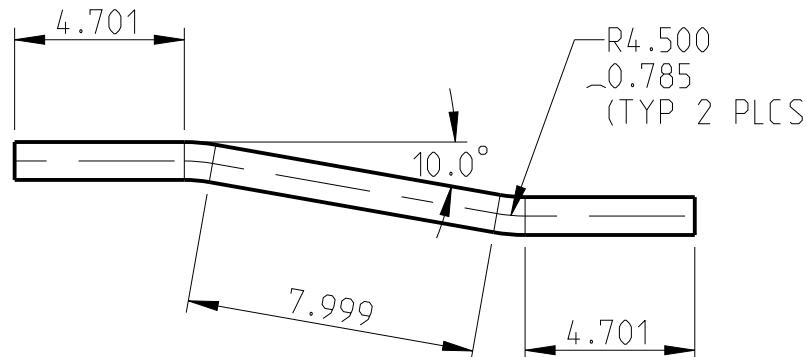
Item No.	Part No.	Description	Quantity	Unit Length
1	10240-067	FITTING, 3/4" STRT SWV FLG SW, GG	1	
2	10240-074	FITTING, 3/4" SWV FLG 90 ELBOW SW, GG	1	
3	10260-004	PIPE, 0.75 \varnothing , EXTRA HEAVY	1	18.973



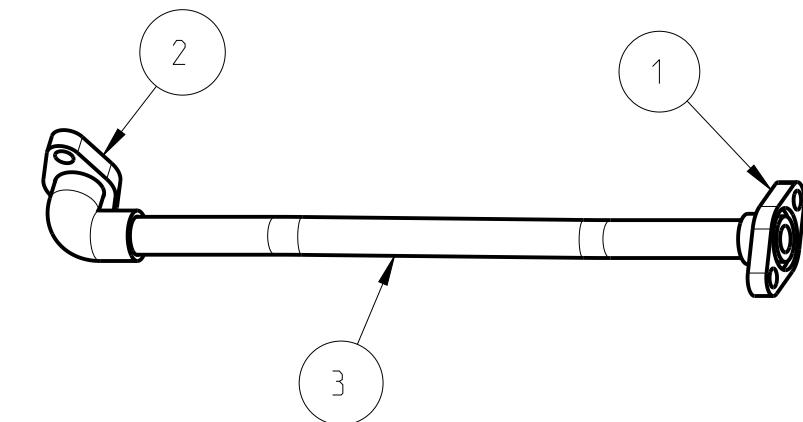
PIPE ASSEMBLY
ORIENTED FOR TRUE DIMENSIONING

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.



PIPE DETAIL
ORIENTED FOR TRUE 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: GJF/RLL Date: 08-17-16 Ref Dwg: A110490-000

Approved: GJF GJF Do Not Scale Drawing Est. Wt: 4.28 lbs

ASSEMBLY, EMERGENCY RES PIPE

Size	Drawing / Part Number	Rev.
B	A113327-000	-