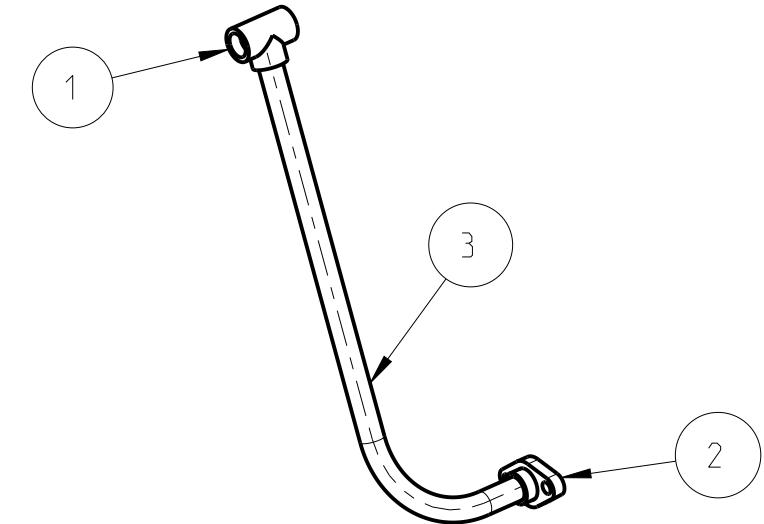
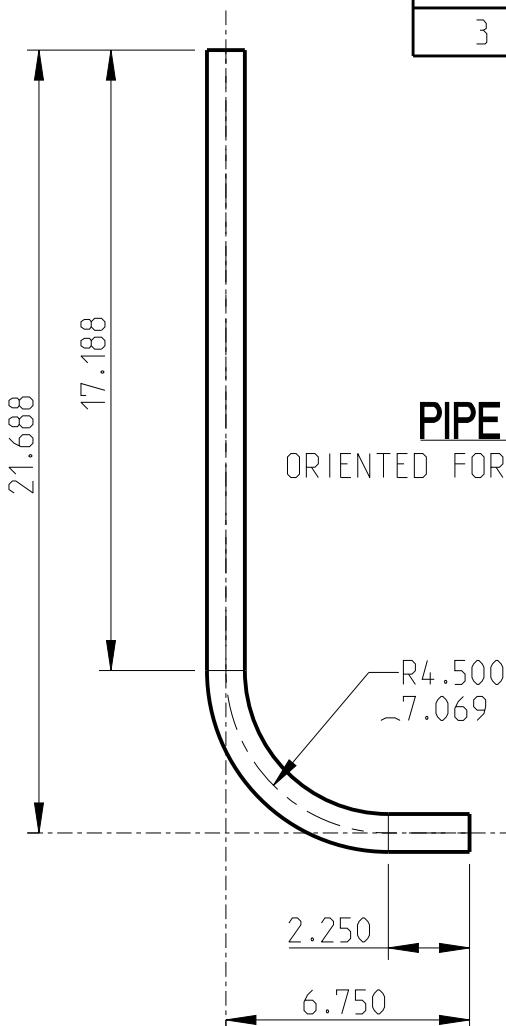
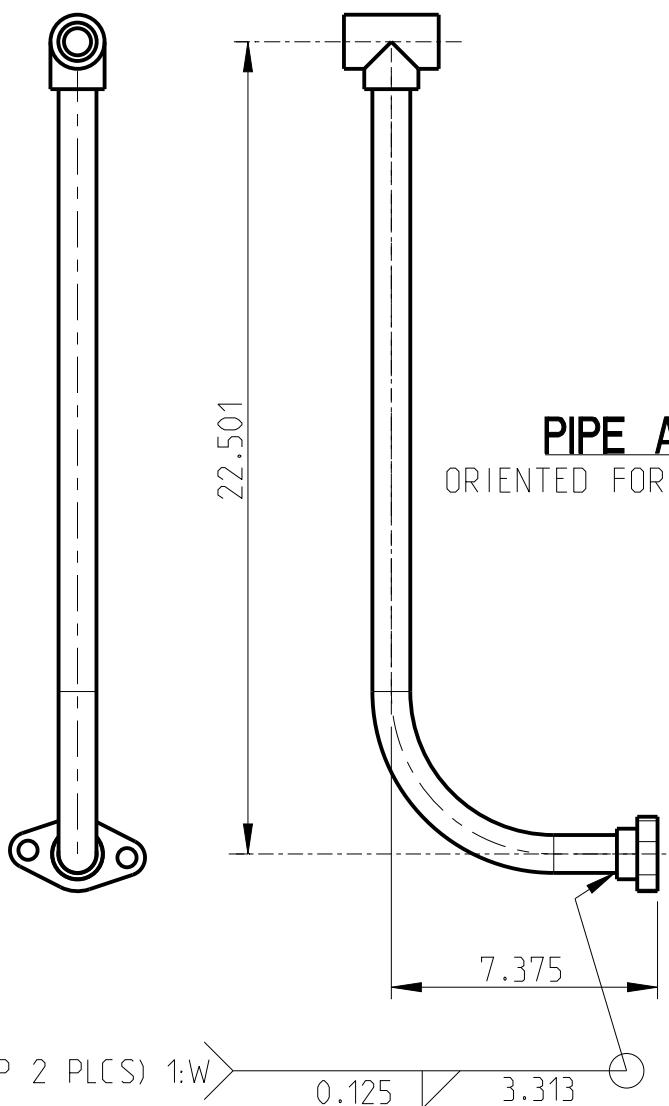


BILL OF MATERIAL

Item No.	Part No.	Description	Quantity	Unit Length
1	10240-026	TEE, 3/4" SOCKET WELD	1	
2	10240-068	FITTING, 3/4" STRT SW V FLG SW	1	
3	M116621-000	PIPE, 0.75Ø, EXTRA HEAVY	1	26.507



B 01-22-21 JAJFAR ECO CAS600067, ITEM M116621-000
W AS 10260-004.

A 11-02-17 JAG ADDED NOTE #4 AND UPDATED
PIPE TO MEET AAR SPECIFICATION

Level	Date	Approved	Description
-------	------	----------	-------------

REVISIONS

FreightCar America

THIS DRAWING IS THE EXCLUSIVE PROPERTY OF FREIGHTCAR AMERICA AND CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION. BY ACCEPTING THIS DRAWING, THE RECIPIENT AGREES (A) TO USE THIS DRAWING ONLY FOR THOSE PURPOSES APPROVED IN WRITING BY FREIGHTCAR AMERICA, (B) NOT TO REPRODUCE OR MODIFY THIS DRAWING, IN WHOLE OR IN PART, AND (C) NOT TO DISCLOSE THIS DRAWING TO ANY PERSON OR ENTITY, NOR USE THE DRAWING FOR THE DESIGN OR MANUFACTURE OF ANY ITEM, PART, OBJECT OR APPARATUS THEREOF, EXCEPT UPON THE PRIOR WRITTEN PERMISSION OF FREIGHTCAR AMERICA.

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: CSW	Date: 12-17-12	Ref Dwg: -
--------------	----------------	------------

Approved: JWB	Do Not Scale Drawing	Est. Wt: 5.04 lbs
---------------	----------------------	-------------------

ASSEMBLY, DOOR VALVE TO TEE PIPE

Size	Drawing / Part Number	Rev.
B	A108980-000	B

NOTE:

- ALL WELDING TO BE IN ACCORDANCE WITH RAILROAD WELDING SPECIFICATION AWS D15.1, LATEST REVISION, AND TO BE CLASS 2 UNLESS OTHERWISE SPECIFIED.
- UNLESS OTHERWISE NOTED, ALL WELD LENGTHS SHOWN ARE MINIMUM LENGTHS. WELD TERMINATIONS FOR FILLET WELDS MUST HAVE A MINIMUM EDGE DISTANCE OF 0.25.
- PIPE DIMENSIONS ARE FOR REFERENCE ONLY. MANUFACTURING TO DETERMINE FINAL ASSEMBLY DIMENSIONS.
- PIPING TO BE IN ACCORDANCE WITH AAR SPECIFICATION S-402.