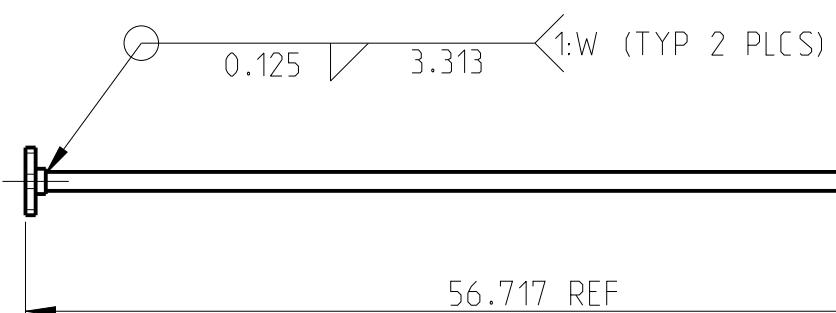
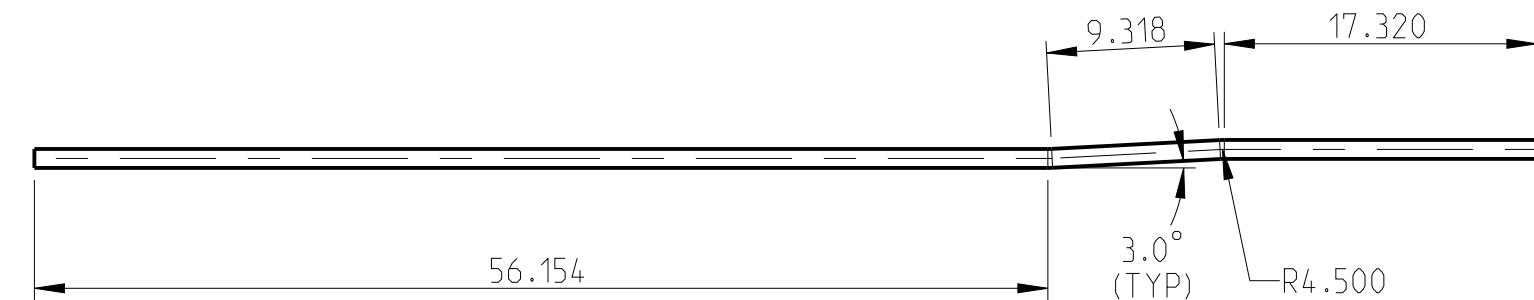
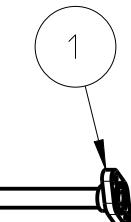
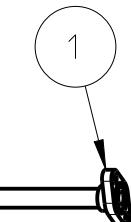
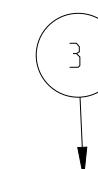
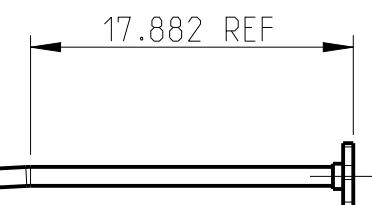


# BILL OF MATERIAL

Item No.	Part No.	Description	Quantity	Unit Length
1	10240-067	FITTING, 3/4" STRT SWV FLG SW, GG	1	
2	10240-068	FITTING, 3/4" STRT SWV FLG SW	1	
3	10260-004	PIPE, 0.75 $\phi$ , EXTRA HEAVY	1	83.263



**PIPE ASSEMBLY**  
ORIENTED FOR TRUE DIMENSION



**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.

Level	Date	Approved	Description
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## REVISIONS

**FreightCar America**

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## Standard Tolerances (Unless Noted)

Decimal Dimensions $\pm 0.063$	Hole Diameters $\pm 0.031$
Diagonals 0.125 Max. Variation	Angles $\pm 1^\circ$
Radii will be thickness of material	Tolerances are not accumulative

Made By: GJF/RLL Date: 08-18-16 Ref Dwg: A111893-000

Approved: GJF GJF Do Not Scale Drawing Est. Wt: 11.76 lbs

## ASSEMBLY, CYLINDER PIPE

Size	Drawing / Part Number	Rev.
B	A113324-000	-