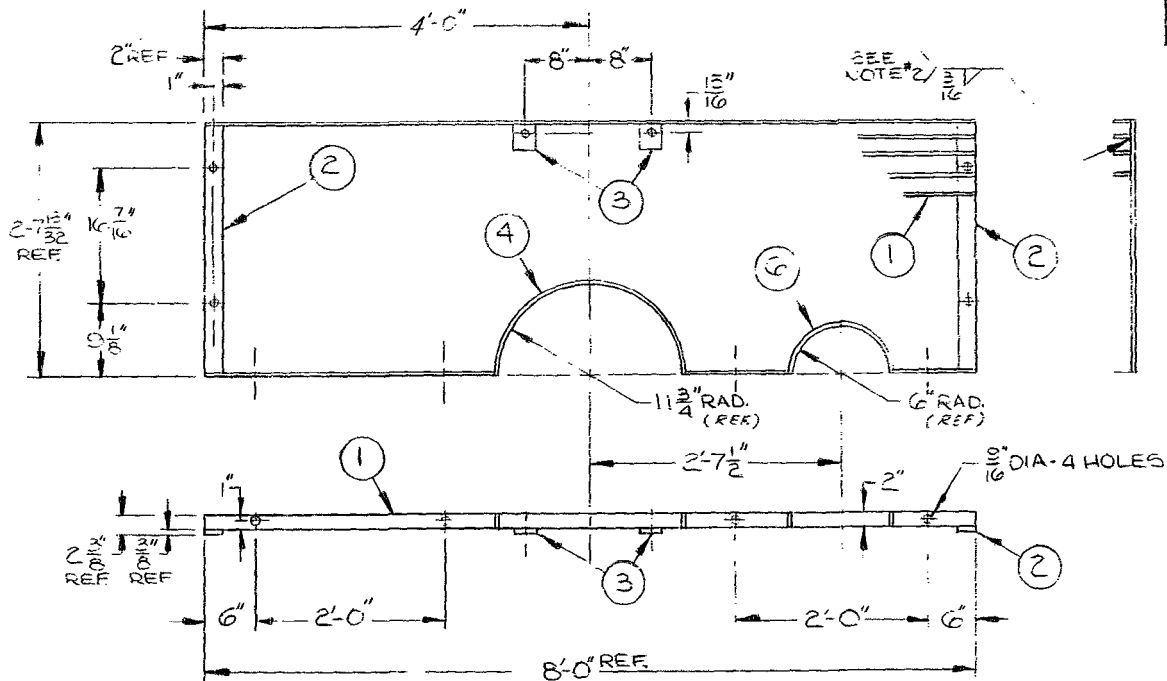


LINE	REMARKS
01	AS SHOWN
02	OPPOSITE

SYM	PART NO.	REQ	DESCRIPTION	MAT'L
1	45000-14	1	GRATING	STEEL 225
2	12006-78	2	RECTANGULAR-SHAPE W/TWO HOLES	A283B 13.4
3	12002-57	2	RECTANGULAR-SHAPE W/ONE HOLE	A283B 1.4
4	12113-95	1	CYLINDER SEGMENT SHAPE	A569 2.5
5				
6	12113-75	1	CYLINDER SEGMENT SHAPE	A569 2



NOTES:

1. STEEL RUNNING BOARDS TO MEET AAR SPECIFICATIONS AND PROPOSED AMENDMENTS THERETO FOR TANK CARS.
2. ALL WELDS OF LUGS TO BEARING BARS TO BE ON SIDE OF BEARING BAR AWAY FROM HOLE IN LUG EXCEPT WHEN HOLE IS BETWEEN FIRST AND SECOND BARS.

TOLERANCES, UNLESS OTHERWISE NOTED:

DECIMAL DIMENSIONS:	FRACTIONAL DIMENSIONS:	ANGULAR DIMENSIONS:
3 PLACE $\pm .005"$; 2 PLACE $\pm .03"$; 1 PLACE $\pm .1"$	MACHINED SURFACES $\pm 1/64"$; ALL OTHER $\pm 1/16"$	MACHINED SURFACES $\pm 1/2^\circ$; ALL OTHER $\pm 1^\circ$

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REVISION	
DATE	
DRAWN	
E.C.O. NO.	
CHECKED	
MFG ENGRG	
PRODUCT ENGRG	

U **UNION TANK CAR CO.**
151ST & RAILROAD AVE.
EAST CHICAGO, INDIANA 46312

GRATING S/A
2" x 2'-7 13/32" x 8'-0" LG

DRAWN BY	DATE	SCALE	WEIGHT	CHECKED
CAM	2-4-80	3/4"=1'-0"	235#	DM
WELTING	N/A	PRODUCT	47144	

ENGINEERING APPROVALS DRAWING NO.

GAF

FIRST USED WITH: 81466 REPRO OF: 47118 SEQUENCE NO. 2470

DRAWING NO. 47144