

PARTS LIST					
PART	PART NO.	QTY./CAR	PART DESCRIPTION	MATERIAL	WEIGHT EA.
1	C002-01	1	1 in. DIA. ROD, 3 ft.-5 15/16 in. LONG	ASTM A36	9.3 lbmass
				NEXT ASSY./APPL.	09053-Q005


THIS DRAWING IS ISSUED WITH THE EXPRESS AGREEMENT THAT THIS DRAWING AND INFORMATION THEREIN CONTAINED ARE THE JOINT PROPERTY OF STARFIRE ENGINEERING AND TECHNOLOGIES, INC. AND THE CUSTOMER SO NAMED IN THE TITLEBLOCK, IF ANY, AND WILL NOT BE REPRODUCED, COPIED, OR OTHERWISE DISPOSED OF, DIRECTLY OR INDIRECTLY, AND WILL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN MAKING OR TO FURNISH ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINT OR OTHER REPRODUCTION HEREOF, OR FOR THE MAKING OF APPARATUS OR PARTS THEREOF EXCEPT UPON WRITTEN PERMISSION FROM STARFIRE ENGINEERING AND TECHNOLOGIES, INC. OR THE CUSTOMER SO NAMED IN THE TITLEBLOCK, IF ANY, FIRST OBTAINED AND SPECIFIC AS TO EACH CASE. THE ACCEPTANCE AND POSSESSION OF THIS DRAWING WILL BE CONSTRUED AS AN ACCEPTANCE OF THE FOREGOING AGREEMENT.

THIS DRAWING IS NOT VALID UNLESS IT CONTAINS THE APPROVING INITIALS OF A STARFIRE ENGINEERING AND TECHNOLOGIES, INC. EMPLOYEE. MARKUPS, REDLINES, AND OTHER MANUAL DRAWING MODIFICATIONS ARE NOT APPROVED BY STARFIRE ENGINEERING AND TECHNOLOGIES, INC. THIS DRAWING IS FURTHER NOT VALID UNLESS USED IN CONJUNCTION WITH ALL PART, ASSEMBLY AND/OR APPLICATION DRAWINGS REFERENCED BY THIS DRAWING.

TOLERANCES DO NOT ACCUMULATE AND UNLESS OTHERWISE NOTED:
LINEAR ± 1/16", ANGULAR ± .25°

SYMBOL LEGEND		
◇ ASSEMBLY	○ ITEM	
△ REVISION	◻ NOTE	
DRAWN	GRAPHIC CK	PROJECT
eaburris	TJT	P09E-053
ENGINEER CK	APPROVED	DATE
SR	ACB	2/11/2010

COUPLER OPERATING ROD - LOCKLIFT END, LEFT SIDE	
CUSTOMER ERIX RAILCAR, ERIC HOPP	
GREAT NORTHERN 1146 RESTORATION STRUCTURAL ENGINEERING SUPPORT	



STARFIRE ENGINEERING AND TECHNOLOGIES, INC.
2429 IOWA STREET, SUITE K
LAWRENCE, KANSAS 66046-4040
785-842-1111 785-842-8811 FAX

SCALE	SHEET	DRAWING NUMBER	REVISION
NO SCALE	1 OF 1	09053-C002	

CAD FILE NAME		DRAWING SIZE		
09053C002.dwg		B		
THIS DRAWING CURRENT AS OF:				
01Mar10 - 9:30am				
REV	DATE	DESCRIPTION	REV BY	CHKD BY
			</	