CENTRAL LINE OF TRACK

NOTES:

1. VEHICLES CONFORMING TO THE DRAWING MAY OPERATE ONLY OVER SPECIFIC ROUTES APPROVED BY THE CLEARANCE ENGINEER OR APPROPRIATE OFFICIAL OF THE HOST RAILROAD.

2. ALL VERTICAL DIMENSIONS REPRESENT THE MAXIMUM CLEARANCE OF THE EQUIPMENT. THEREFORE, THE CAR CONSTRUCTION OUTLINE MUST BE REDUCED TO ALLOW FOR WHEEL WIDE, FULL VERTICAL TRAVEL, OF THE SUSPENSION SYSTEM (INCLUDING FAILED CONDITION) AND FULL PASSENGER LOADING.

3. WHEN MEASURED ON LEVEL TANGENT TRACK THE HORIZONTAL DIMENSIONS SHOWN REPRESENT THE MAXIMUM STATIC CONDITIONS OF THE EQUIPMENT SUBJECT TO THE FOLLOWING REQUIREMENTS.

a) HORIZONTAL DIMENSIONS ARE BASED ON AN OVERALL CAR LENGTH OF 85'-6" OVER BEARERS AND TRUCK CENTER DISTANCE OF 84'-4". EQUIPMENT EXCEEDING THESE REQUIREMENTS MUST HAVE HORIZONTAL DIMENSIONS REDUCED ACCORDINGLY.

b) A MAXIMUM OF 1.00'' LATERAL PLAY (JOURNAL, WHEEL TO RAIL, BOLSTER, ETC.) IS ALLOWED.

c) THE HORIZONTAL DIMENSIONS BETWEEN THE HEIGHTS OF 0'-2.56" AND 1'-10.00" ABOVE TOP OF RAIL REPRESENT THE MAXIMUM STATIC CONDITIONS OF TRUCK PARTS OR CAR BODY PARTS LOCATED DIRECTLY OVER THE TRUCKS. ALL OTHER EQUIPMENT PROJECTIONS BETWEEN THESE HEIGHTS MUST BE CONSTRUCTED SO THAT THEY DO NOT EXCEED THE STATUTORY PRESCRIBED LIMITS WHILE NEGOTIATING A 14' CURVE.

STATIC OUTLINE

HORIZONTAL DISTANCE FROM CENTER LINE OF TRACK

VERTICAL DISTANCE ABOVE TOP OF RAIL
NOTES:

1. THIS DRAWING REPRESENTS THE DYNAMIC RANGE OF MOTION OF THE VEHICLE AND IS NOT TO BE USED AS THE STATIC CONSTRUCTION OUTLINE OF THE VEHICLE.

2. CLEARANCE OUTLINE IS REFERENCED TO PLANE OF TOP OF RAILS, FOR TRACK WITH AND WITHOUT SUPERELEVATION.

3. VEHICLE MUST REMAIN WITHIN THIS OUTLINE UNDER ALL CONDITIONS, INCLUDING LATERAL AND VERTICAL MOVEMENT OF THE VEHICLE ON ITS SUSPENSION, ROLL INDUCED BY UP TO 8" SUPERELEVATION (WITH THE VEHICLE STOPPED OR IN MOTION), ROLL INDUCED BY THE DESIGN CANT DEFICIENCY, RANGE OF MOTION OF TILT SYSTEM (IF SO EQUIPPED), NORMAL WEAR, VARIATIONS OF LOAD, FAILURE OF ANY SINGLE SUSPENSION COMPONENT AND ANY COMBINATION OF THESE CONDITIONS.

4. HORIZONTAL DIMENSIONS OF CLEARANCE OUTLINE BETWEEN 2.75" AND 13" ABOVE TOP OF RAIL MUST ALLOW FOR INSIDE AND OUTSIDE OVERHANG ON A 12'-30" CURVE AS SHOWN ON SHEET 3 AND THE SHAPED AREA OF SHEET 2. ALL CAR BODY STRUCTURE, EQUIPMENT AND APPLIANCES MUST REMAIN WITHIN THIS OUTLINE UNDER ALL CONDITIONS.