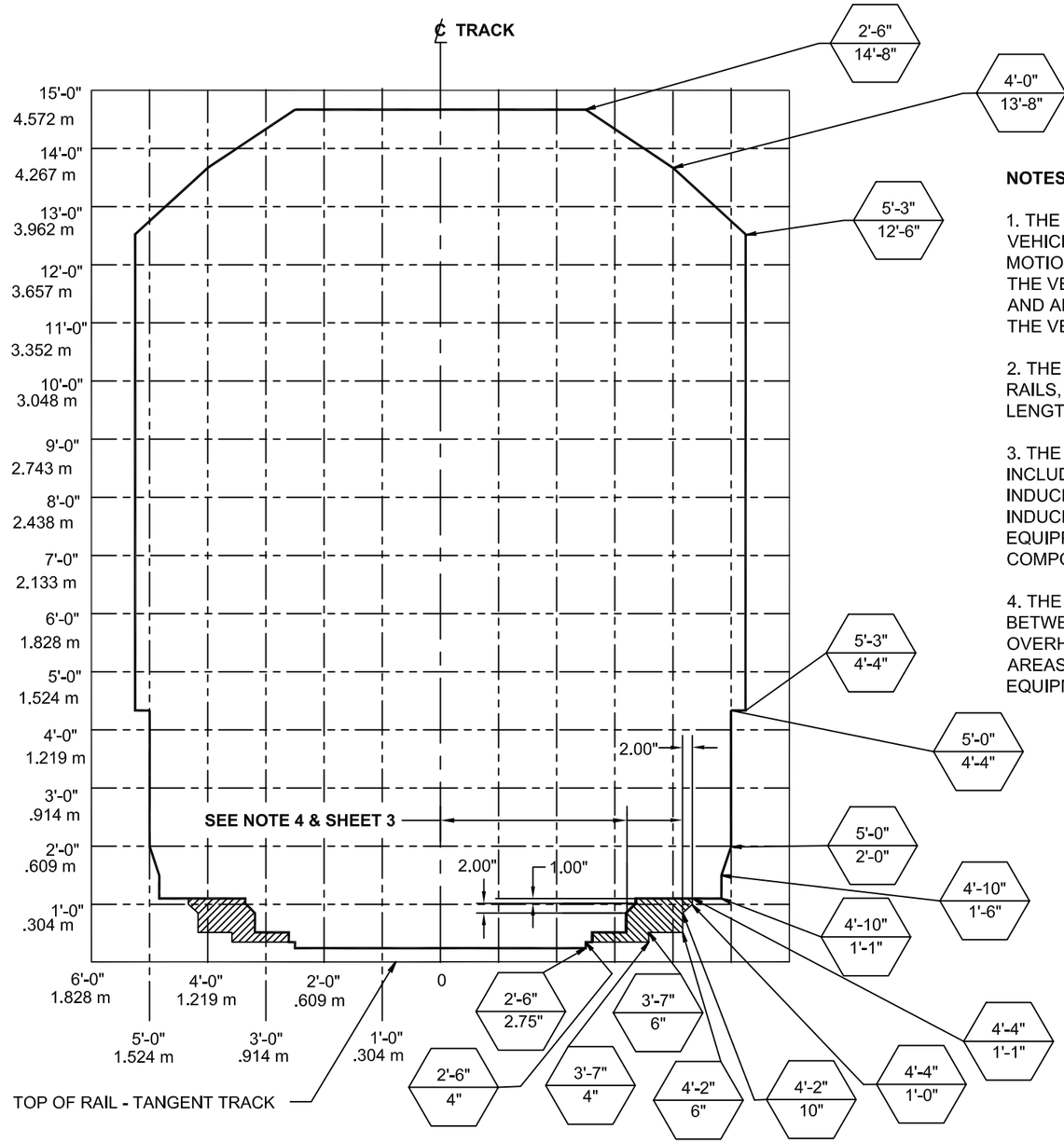
DRAWING NUMBER	REV.
D 05-1355	E

REVISIONS				
LTR	ZONE	DESCRIPTION	DATE	APPR'D
D	-	REVISED & REDRAWN	01/29/05	MLB
E		CHANGED LATERIAL & VERTICAL DIMENSIONS ON SHEETS 2 & 3	03/15/06	MLB



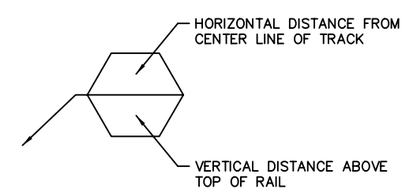
NOTES:

1. THE STATIC OUTLINE (SHEET 1) REPRESENTS THE MAXIMUM STATIC DIMENSIONS OF THE VEHICLE. THE DYNAMIC OUTLINE (SHEET 2) REPRESENTS THE MAXIMUM DYNAMIC RANGE OF MOTION OF THE VEHICLE, AND IS NOT TO BE USED AS THE STATIC CONSTRUCTION OUTLINE OF THE VEHICLE. PROVIDED THE VEHICLE MEETS THE REQUIREMENTS OF THE DYNAMIC OUTLINE AND ALL NOTES, THE STATIC OUTLINE MAY BE USED AS THE STATIC CONSTRUCTION OUTLINE OF THE VEHICLE.

2. THE STATIC OUTLINE AND DYNAMIC OUTLINE IS REFERENCED TO THE PLANE OF THE TOP OF RAILS, FOR TRACK WITH AND WITHOUT SUPERELEVATION, FOR A VEHICLE HAVING A MAXIMUM LENGTH OF 85'-0", AND A TRUCK CENTER DISTANCE OF 59'-6".

3. THE VEHICLE MUST REMAIN WITHIN THE DYNAMIC OUTLINE UNDER ALL CONDITIONS, INCLUDING LATERAL AND VERTICAL MOVEMENT OF THE VEHICLE ON ITS SUSPENSION, ROLL INDUCED BY UP TO 6" SUPERELEVATION (WITH THE VEHICLE STOPPED OR IN MOTION), ROLL INDUCED BY THE DESIGN CANT DEFICIENCY, RANGE OF MOTION OF THE TILT SYSTEM (IF SO EQUIPPED), NORMAL WEAR, VARIATIONS OF LOAD, FAILURE OF ANY SINGLE SUSPENSION COMPONENT, AND ANY COMBINATION OF THESE CONDITIONS.

4. THE HORIZONAL DISTANCE FROM CENTER LINE OF TRACK, FOR VERTICAL DISTANCES BETWEEN 2.75" AND 1'-1" ABOVE TOP OF RAIL, MUST ALLOW FOR THE INSIDE AND OUTSIDE OVERHANG OF THE VEHICLE ON A 12°-30' CURVE, AS SHOWN ON SHEET 3 AND THE SHADED AREAS OF THE STATIC OUTLINE AND THE DYNAMIC OUTLINE. ALL VEHICLE STRUCTURE, EQUIPMENT, AND APPLIANCES, MUST REMAIN WITHIN THIS OUTLINE UNDER ALL CONDITIONS.



STATIC OUTLINE

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THE AMTRAK DRAWING IS THE GOVERNING DOCUMENT, AND SUPERSEDES ANY LIKE INFORMATION ON REFERENCE DRAWINGS, PART NUMBERS, SPECIFICATIONS, ETC.

QTY	PART NUMBER	DESCRIPTION	MATERIAL	MFG/SPEC	AMM'S NUMBER	ITEM
						1

LIST OF MATERIAL

REFERENCE DRAWINGS: AM70070A

AMTRAK
Mechanical Department
Bureau of Rolling Stock Engineering
National Railroad Passenger Corporation
4001 Vandever Ave. Wilmington DE 19802

TITLE: CLEARANCE DIAGRAM

Drawn	Date	Approved	Approved
L.A. CAMPBELL	01/29/05	N. L. BURSHTIN	M. TROSINO
Checked B. F. HOFFMAN	Date 01/31/05	Approved	For Issue

STANDARD TRACK PLAN

PROGRAM | NEXT ASS'Y | USED ON

REPORT ALL CHANGES TO ENGINEERING DEPARTMENT

DO NOT SCALE DRAWING

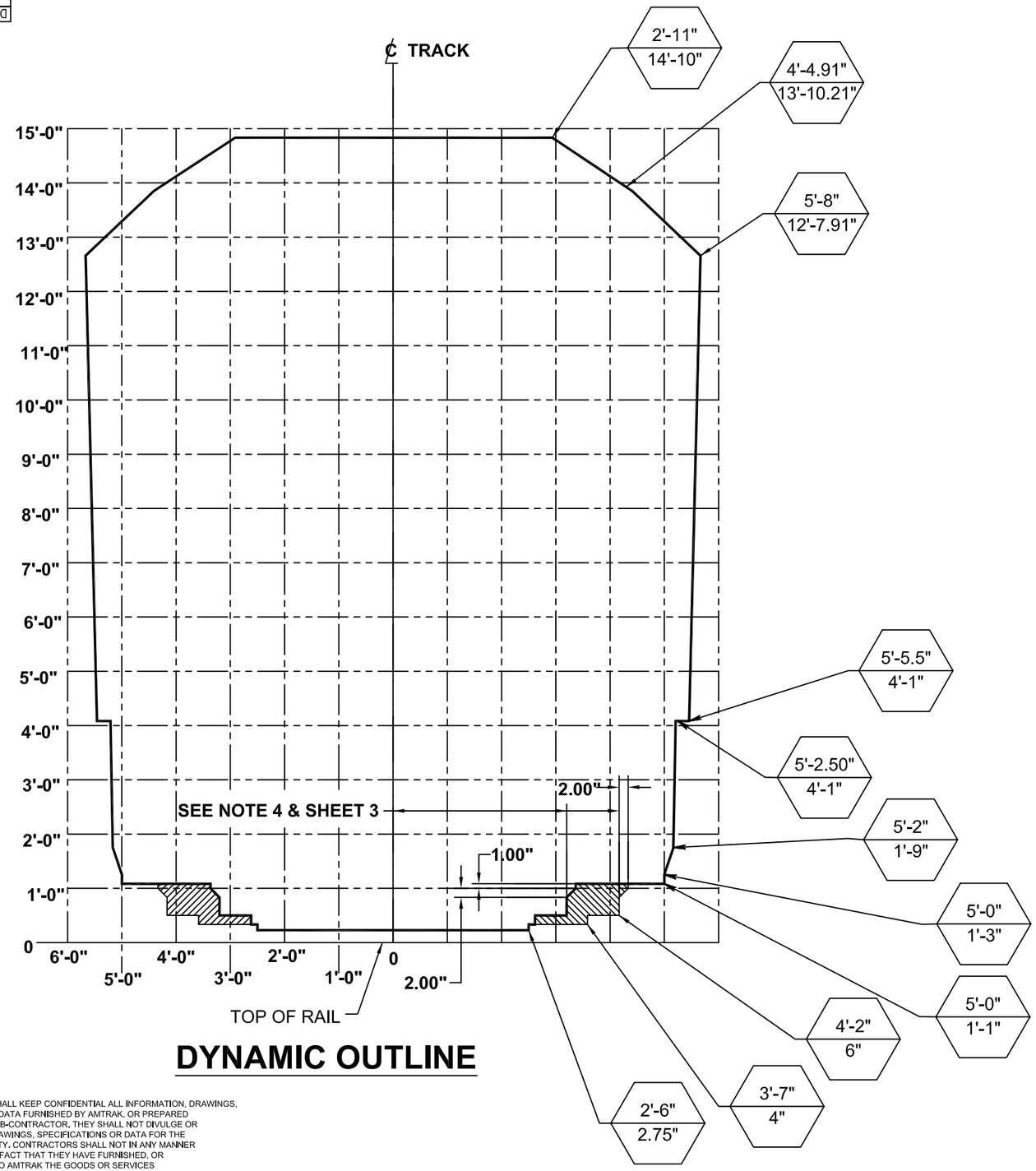
TOLERANCES: Dimensions are in inches unless otherwise specified. Decimals: xx ± .01, xxx ± .010. Angles: ± 1/2°. Remove all burrs & break sharp edges.

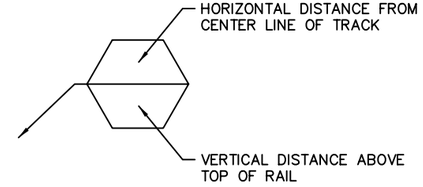
Scale: SCALE. SHT. 1 OF 3. DRAWING NUMBER: D 05-1355. REV.: E

1 FILED AS 05-1355_rE_s1-3

DRAWING NUMBER	REV.
D 05-1355	E

REVISIONS				
LTR	ZONE	DESCRIPTION	DATE	APPR'D
E	-	SEE SHEET 1	01/29/05	M.L.B.





DYNAMIC OUTLINE

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QTY	PART NUMBER	DESCRIPTION	MATERIAL	MFG/SPEC	AMM'S NUMBER	ITEM
						1

LIST OF MATERIAL

REFERENCE DRAWINGS
AM70070A

AMTRAK
Mechanical Department
Bureau of Rolling Stock Engineering
National Railroad Passenger Corporation
4001 Vandever Ave. Wilmington DE 19802

TITLE CLEARANCE DIAGRAM

Drawn	Date	Approved	Approved
J. A. CAMPBELL	01/29/05	M. L. BURSHTIN	M. TROSINO
Checked B F HOFFMAN	Date 01/31/05	Approved	For Issue

STANDARD TRACK PLAN

PROGRAM | NEXT ASS'Y | USED ON

REPORT ALL CHANGES TO ENGINEERING DEPARTMENT

DO NOT SCALE DRAWING

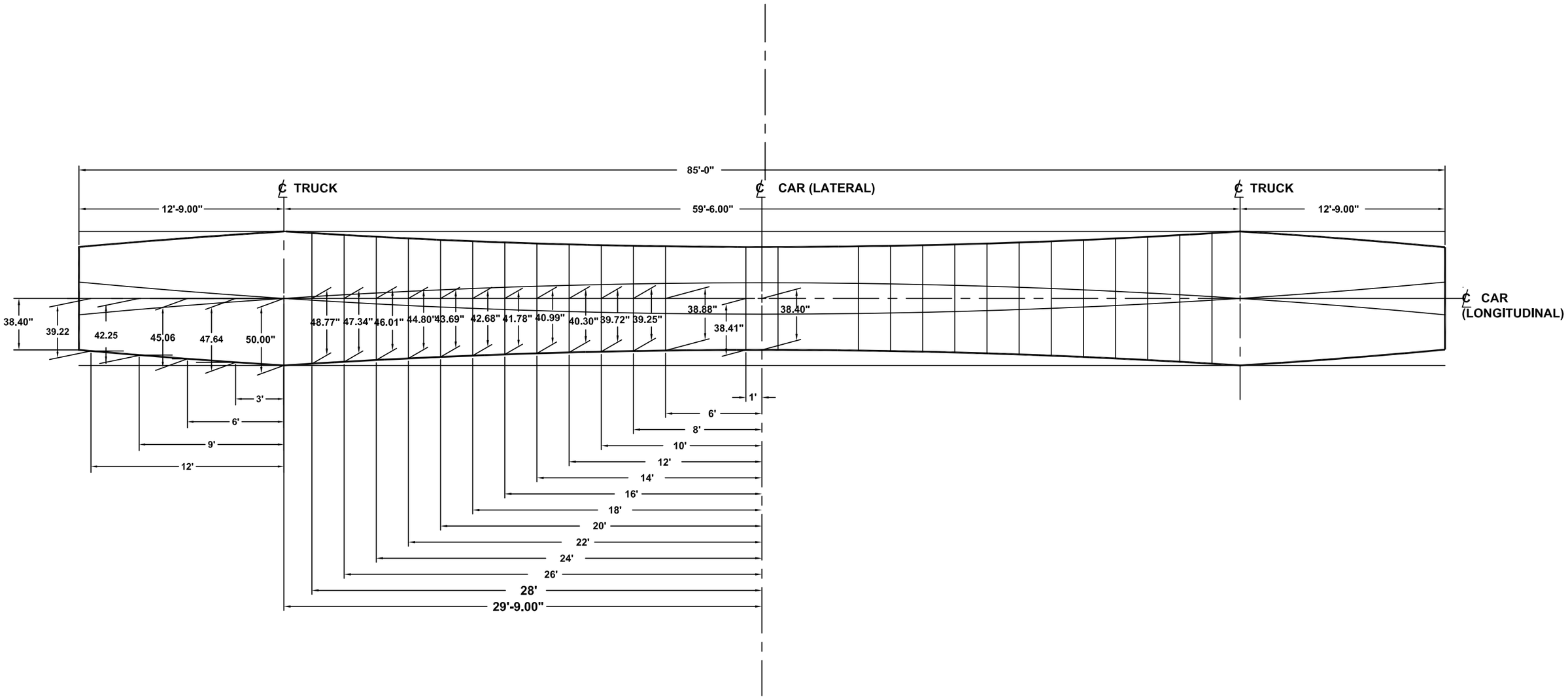
TOLERANCES
Dimensions are in inches unless otherwise specified.
Decimals xx ± .03, xxx ± .010
Angles ± 5°
Remove all burrs & break sharp edges.

Scale SCALE
SHT. 2 OF 3
DRAWING NUMBER D 05-1355
REV. E

FILED AS 05-1355_rE_s1-3

REVISIONS				
LTR	ZONE	DESCRIPTION	DATE	APPR'D
E	-	SEE SHEET 1	01/29/05	M.L.B.

DRAWING NUMBER	REV.
D 05-1355	E



TANGENT OFFSETS

FOR 85'-0" CAR WITH 59'-6" TRUCK CENTERS

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QTY	PART NUMBER	DESCRIPTION	MATERIAL	MFG/SPEC	AMM'S NUMBER	ITEM
						1

LIST OF MATERIAL

STANDARD TRACK PLAN			
PROGRAM	NEXT ASS'Y	USED ON	

REFERENCE DRAWINGS: AM70070A

REPORT ALL CHANGES TO ENGINEERING DEPARTMENT

DO NOT SCALE DRAWING

AMTRAK

Mechanical Department
Bureau of Rolling Stock Engineering
National Railroad Passenger Corporation
4001 Vandever Ave. Wilmington DE 19802

TOLERANCES: Dimensions are in inches unless otherwise specified. Decimals xx ± .03, xxx ± .010. Angles ±½°. Remove all burrs & break sharp edges.

TITLE: CLEARANCE DIAGRAM

Drawn	Date	Approved	Approved
J. CAMPBELL	01/29/05	M. L. BURSHTIN	M. TROSINO
Checked: B F HOFFMAN	Date: 01/31/05	Approved	For Issue

Scale: SCALE — DRAWING NUMBER: D 05-1355 — REV.: E

SHT. 3 OF 3

FILED AS 05-1355_rE_s1-3