

Transit Car Electric Radiant Floor Heat



Selection Considerations

- Technical Considerations
- Safety Considerations
- Commercial Considerations

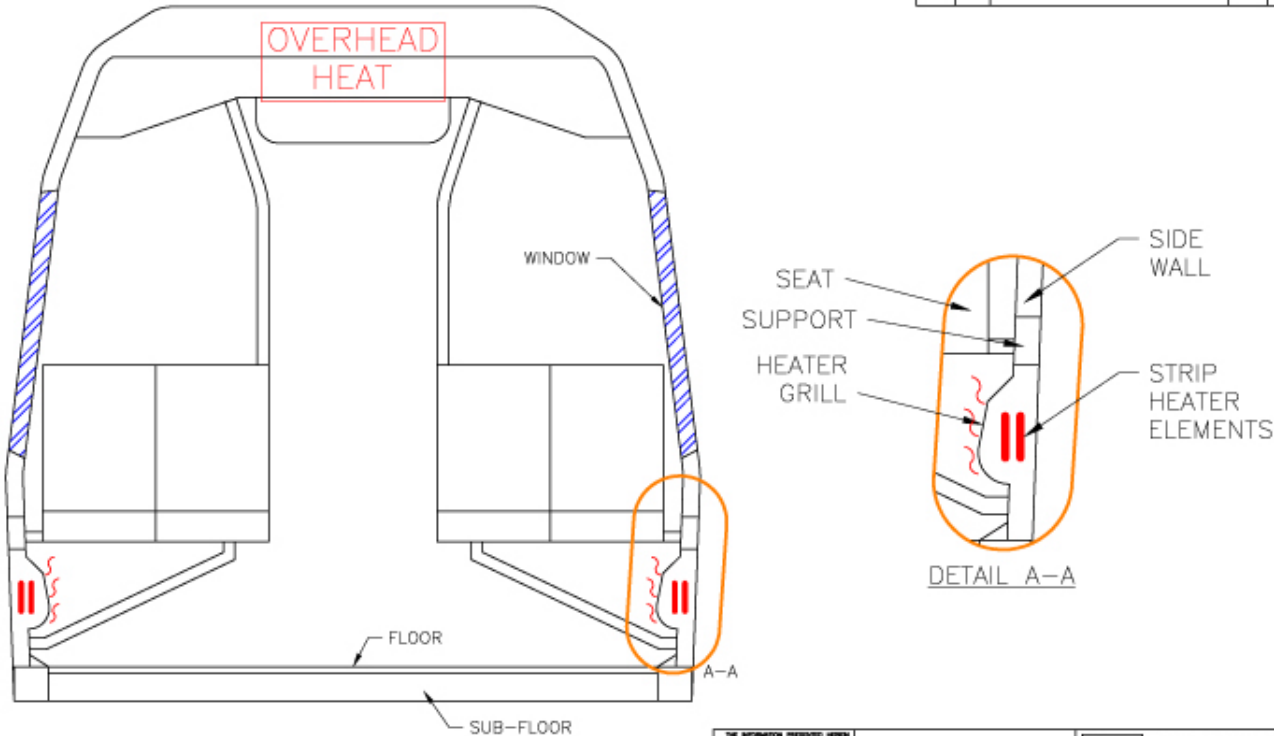
RTR

TECHNOLOGIES, INC.

PROPRIETARY

TYPICAL PASSENGER COMFORT HEAT LAYOUT

		REVISIONS			
ZONE	LTR	DESCRIPTION	DATE	APPROVED	



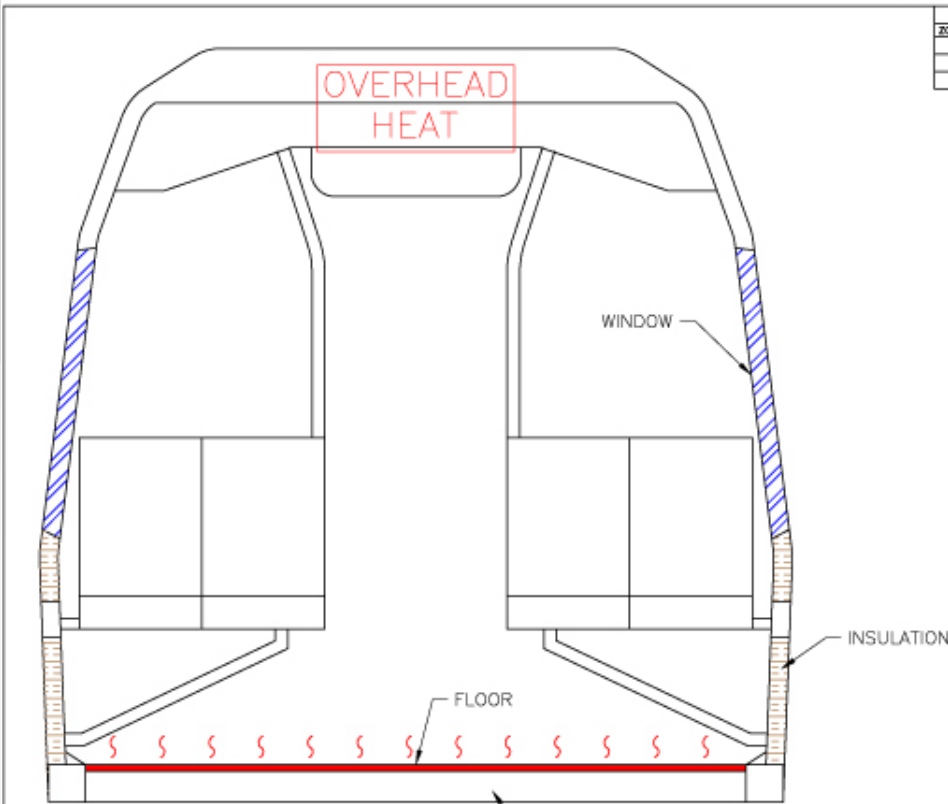
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	<small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES DO NOT SCALE DWG TOLERANCES</small>	DATE: 03-08-06	DWG NO.	REV.



PROPRIETARY

901322-1
ELECTRIC RADIANT FLOOR HEATING

REVISIONS		DATE	APPROVED
ZONE	LTR	DESCRIPTION	



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**TRANSIT VEHICLE
ELECTRIC RADIANT
FLOOR HEATING**

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MAT'L	REV
-	-
FINISH	DATE
-	-
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UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN INCHES
DO NOT SCALE DWG
TOLERANCES
FRACTIONS ±1/16 DECIMALS ±.010 ANGLES ±.3

DATE	BY	CHKD	DWG NO.	REV.
03/08	DCP		901322-1	A
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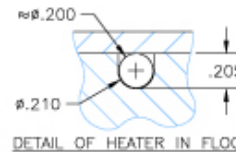
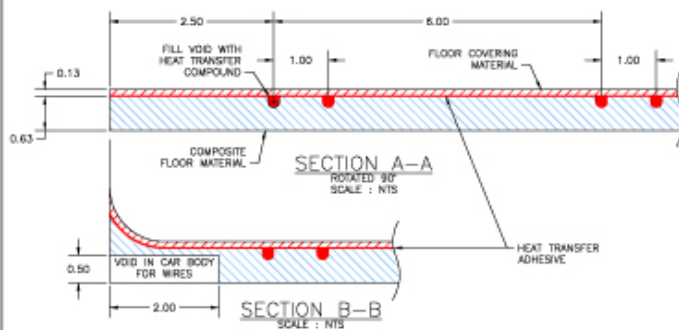
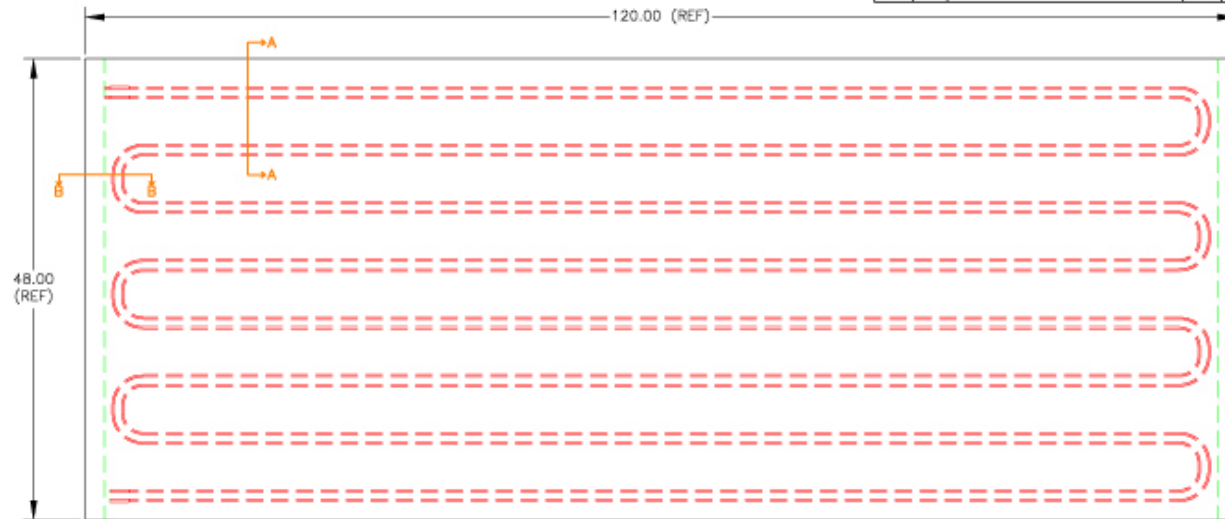


Transit Car Electric Radiant Floor Heat

PROPRIETARY

901322-2
ELECTRIC RADIANT FLOOR HEATING

REVISIONS		DATE	APPROVED
ZONE	LTR	DESCRIPTION	



- NOTES:
 1. DRAWING IS FOR REFERENCE ONLY.
 2. FLOOR MATERIAL TBD.
 3. FLOOR PANEL TO CONTAIN TWO DISCRETE HEATER ELEMENTS FOR REDUNDANT OPERATION.

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TRANSIT VEHICLE
ELECTRIC RADIANT
FLOOR HEATING

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MAT'L	
FINISH	

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TOLERANCES
FRACTIONS ±1/16 DECIMALS ±0.10 ANGLES ±3°

DATE	03/05/08	SCALE	NA	SHT 2 OF 2
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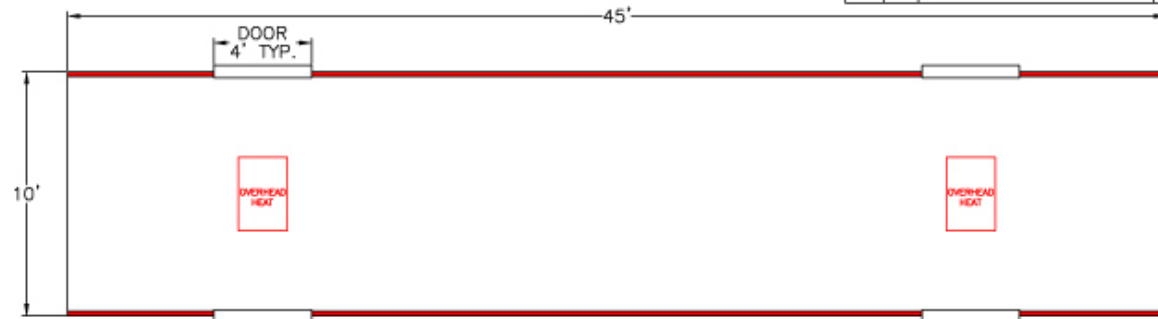
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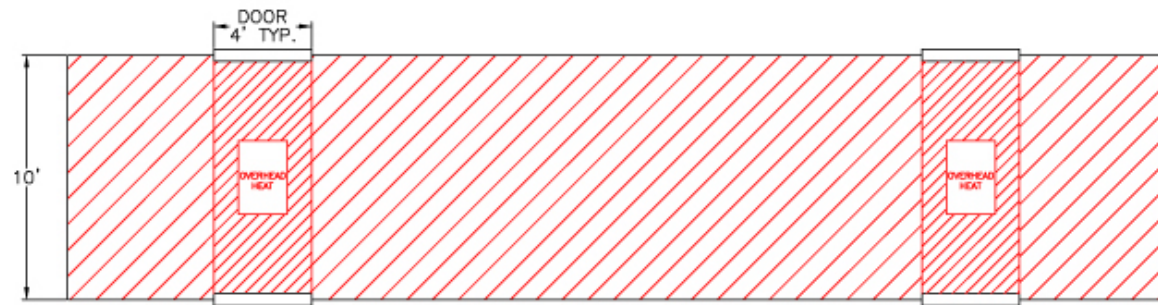
PROPRIETARY

TOP VIEW LAYOUT COMPARISON

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED



TYPICAL PASSENGER COMFORT HEATING LAYOUT



ELECTRIC RADIANT FLOOR HEATING LAYOUT

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TOP VIEW LAYOUT COMPARISON OF PASSENGER COMFORT HEATING

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MAT'L	---
FINISH	---

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 FRACTIONS ±1/16 DECIMALS ±0.10 ANGLES ±3°

DATE	03/08	SCALE	NA	SHT	1	OF	1
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DATE: 03-08-08



Technical Considerations

- Variable Heat Distribution
 - Increased Heat Output in High Loss Areas (vestibules)
 - Decreased Heat Output in Low Loss Areas
- Low Surface Temperature
- Reduced Weight
- Increased Energy Efficiency
 - Insulation in Sidewalls
 - Reduced Total Power Output
 - Possible Reduction in Overhead Heat System Output
 - Possible Reduction in Threshold Heater Output

The logo for RTR Technologies, Inc. features the letters "RTR" in a bold, italicized, black serif font. The letters are set against a red rectangular background that has a white border. The "R" and "T" are connected, and the "R" is the largest.

TECHNOLOGIES, INC.

Safety Considerations – Passenger, Operating/Maintenance Personnel

- Eliminates Fire Hazards of Current Systems
- Low Surface Temperature
 - ADA Compliant < 125° F
- Reduced Slipping Hazards
 - Floors Stay Dry
 - Vestibules Free of Ice and Snow
- Improved Door Operations

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Commercial Considerations – Reduced Total Installed Cost

- Lower System Acquisition Costs
- Lower Operating Costs
 - Reduced Weight
 - Lower Electricity Consumption
 - Reduced Car Body Heat Loss
- Maintenance Free
- Improved Passenger Comfort

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TECHNOLOGIES, INC.

Transit Car Electric Radiant Floor Heat

Contact Information

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The logo features the letters 'RTR' in a bold, italicized, sans-serif font. The letters are white with a black outline and are set against a red rectangular background.

TECHNOLOGIES, INC.

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