



# DAVEY COACH

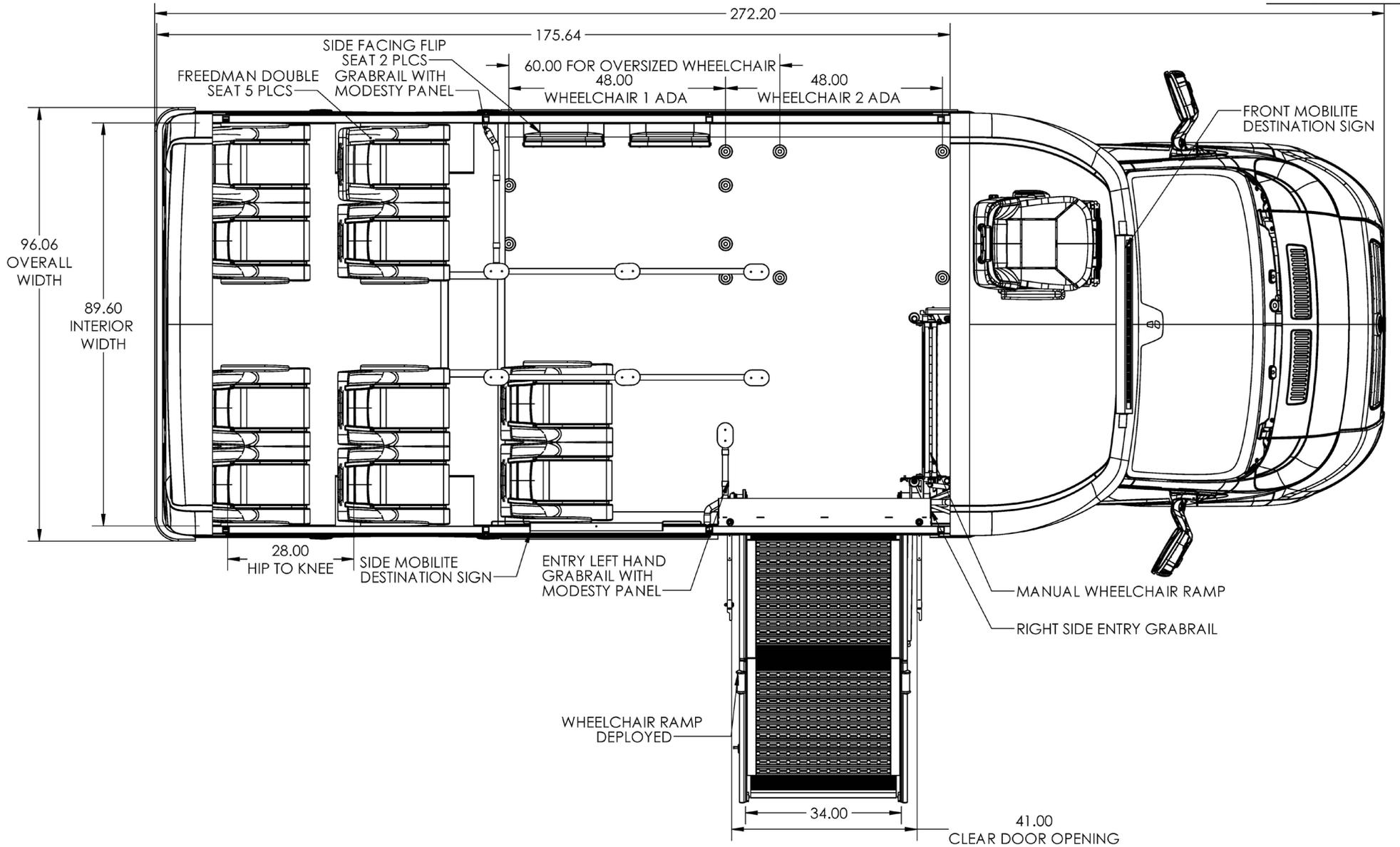
**MBTA 20-01 Quotation  
Contract # 20-01**

**Comer Hobbs  
12380 Firestone Blvd  
Norwalk, CA 90650  
comerh@daveycoach.com  
(424) 901-3301**



**Date:** 6/7/2023  
**End User:** City of Manhattan Beach  
**Contact:** Michelle Ami  
**Address:** 1400 Highland Avenue  
**City:** Manhattan Beach  
**State:** CA  
**Zip:** 90266  
**Phone:** 310-802-5462  
**Email:** [mami@manhattanbeach.gov](mailto:mami@manhattanbeach.gov)

QTY.	PART ID	DESCRIPTION	ADDITIONAL INFO.	UM	UNIT PRICE	EXTENDED PRICE
1	23' - 10-passenger	New England Wheels FrontRunner - 23/10+2		EA	\$144,271.80	\$144,272
10	Option #20	USB Charging Ports (Per Seat Mounted Under Seat)		EA	\$235.60	\$2,356
2	Option #22	Freedman Grab Rail Cover (Per Seat)		EA	\$85.24	\$170
1	Option #24	DryVGard Driver's Shield	Behind Driver Only	EA	\$1,225.34	\$1,225
1	Option #39	Gerflor/Tarabus Floor	Standard	EA	N/A	N/A
1	Option #43	REI PA System, 4 Interior & 1 ADA Exterior Speaker		EA	\$827.55	\$828
1	Option #95	Rear Backup Camera and Monitor	Standard	EA	N/A	N/A
1	Option #110	Hanover Front and Side Destination Signs		EA	5,344.12	\$5,344
1	Option #126	Gerflor "Watch Your Step"	At entrance step on floor	EA	116.02	\$116
1	Option #136	Full Air Suspension Front/Rear		EA	\$5,155.88	\$5,156
1	Option #137	Ventura Plug Door		EA	\$7,871.75	\$7,872
1	Option #138	Walker Rack	Mounted in Co-Pilot Seat Area in Cab	EA	\$616.81	\$617
1	Option #145	Sanitization Station	On Stanchion LH of Entrance Door	EA	\$254.54	\$255
1	Unpublished Option	Credit - Gaseous Prep Package		EA	-\$355.17	-\$355
1	Unpublished Option	Solid Exterior Windows		EA	\$0	\$0
1	Unpublished Option	REI Camera System with Wireless Bridge & Dongle	4-camera	EA	\$6,293	\$6,293
1	Unpublished Option	Altro Wood Grain Floor	Vintage Cherry	EA	\$555	\$555
1	Unpublished Option	Diamond 5x5x5 Donation Box		EA	\$723	\$723
1	Unpublished Option	Custom Exterior Graphics Installation	Per Attached Proof	EA	\$3,780	\$3,780
		Seat Upholstery Color = Level 4 D-90 Gray #114				
		Floor Color = Altro Vintage Cherry				
			Base Unit Cost			\$144,271.80
			Total of all Options:			\$34,934.29
			Subtotal of Order:			\$179,206.09
			ADA Non-Taxable:			\$8,016.00
			CalACT Administrative Fee			\$2,688.09
			8/12/22 Pricing			
			Registration/DMV			\$58.00
			CA Tire & Battery Fee (\$1.75 per tire & \$2.00 per battery)			\$11.00
			Delivery Zone #2:			\$5,149.97
			Sales Tax @ 9.50%			\$16,752.31
			TOTAL:			\$203,865.46
			QUANTITY:			2
			GRAND TOTAL:			\$407,730.92
		Sales Tax Base Reduction for ADA/Mobility Equipment & Transport: \$8,016.00				
		Sales Tax Subject to Change at or near Delivery				
		***Delivery Estimate 11/15/23***				



CHASSIS	CHASSIS MODEL	BUS MODEL	PASSENGER CAPACITY
DODGE	PROMASTER	FRONTRUNNER	11 PASSENGERS + 2 WC
10 PASSENGERS, 2 WC (or 12+1) + DRIVER			
FORWARD SEATING, 2 SINGLE FLIP DOWN SEATS & FRONT RAMP			
WHEEL BASE	OVERALL LENGTH	FLOOR LENGTH	ADDITIONAL FEATURES
180"	272"	176"	SLIDE-and-CLICK WC SECUREMENTS

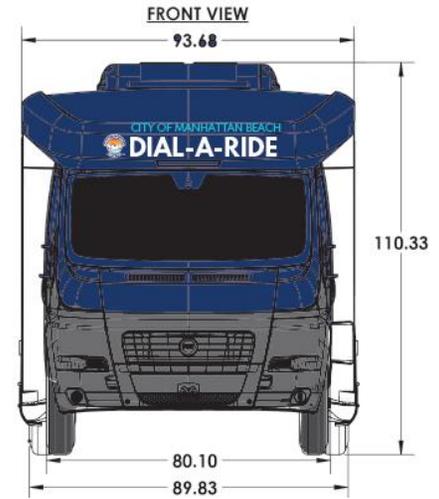
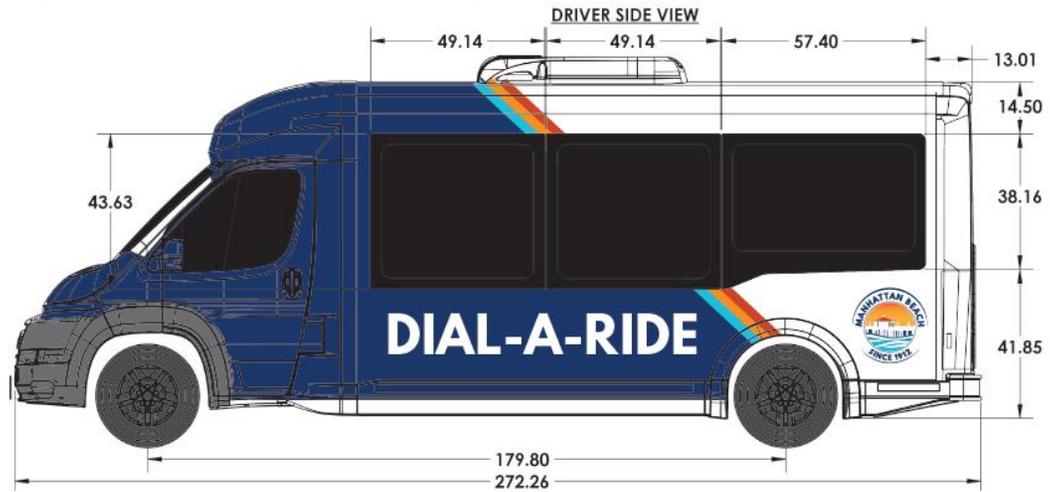
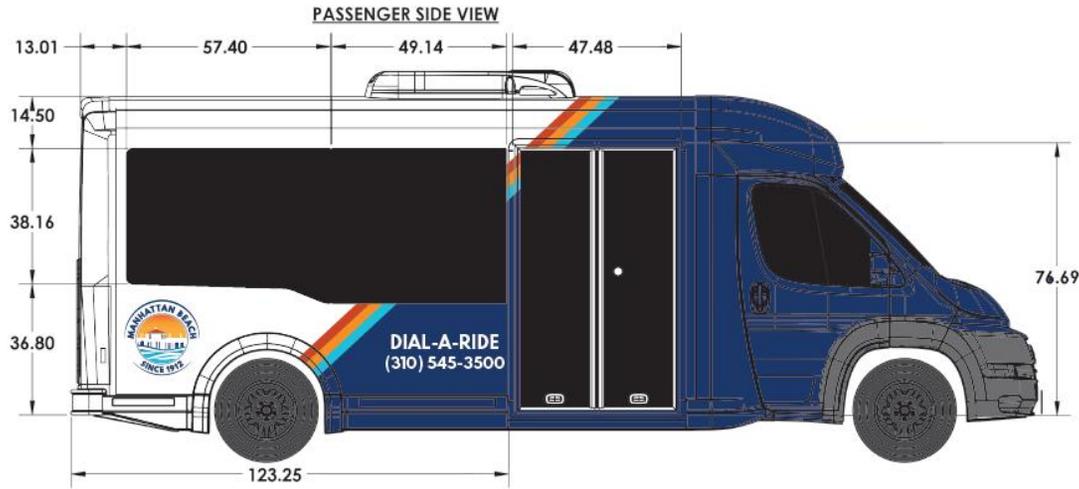


DWG # 2022-041 NEW

**FRONTRUNNER ELEVATION DRAWING**

ALL DIMENSIONS ARE IN INCHES.  
SCALE - 1:30

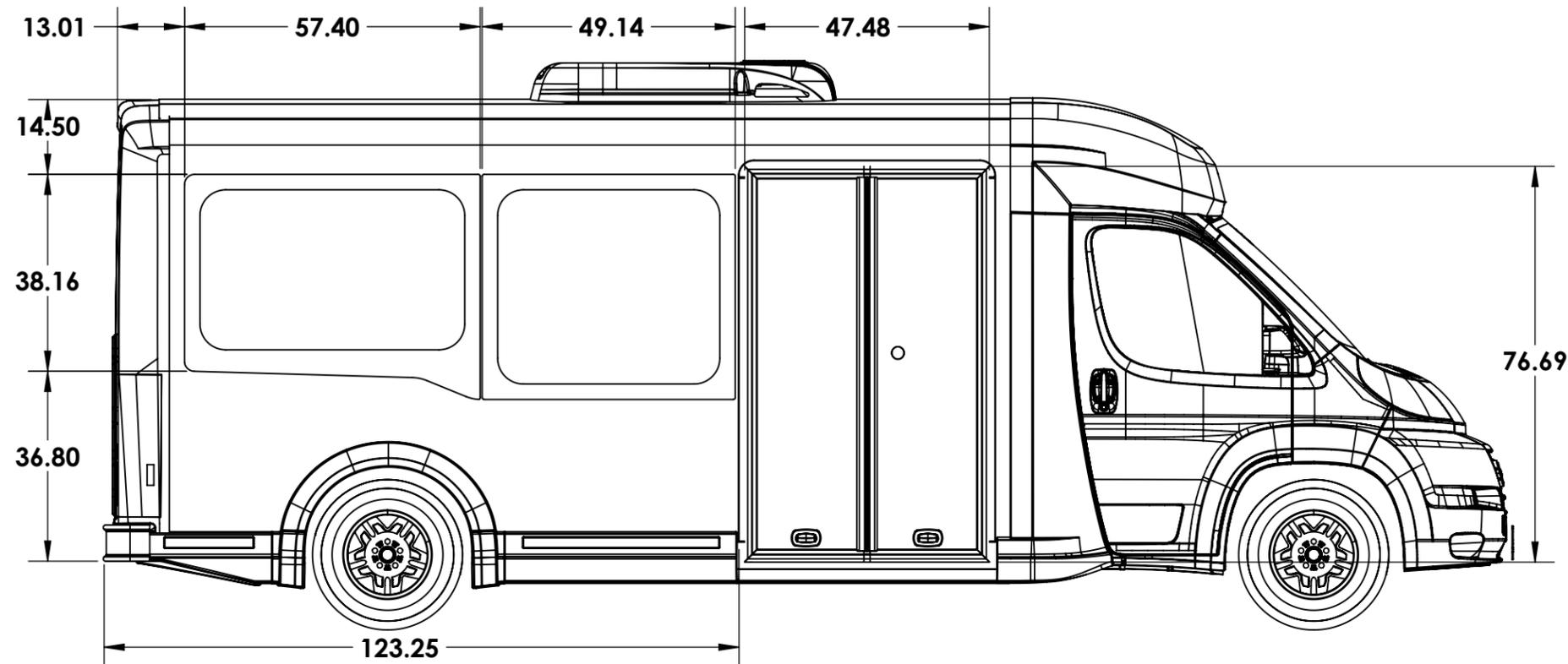
NEW ENGLAND WHEELS, INC.  
33 MANNING ROAD  
BILLERICA, MA 01821  
THIS DRAWING IS THE PROPERTY OF NEW ENGLAND WHEELS, INC. ALL RIGHTS RESERVED.  
Date: 10/04/2021



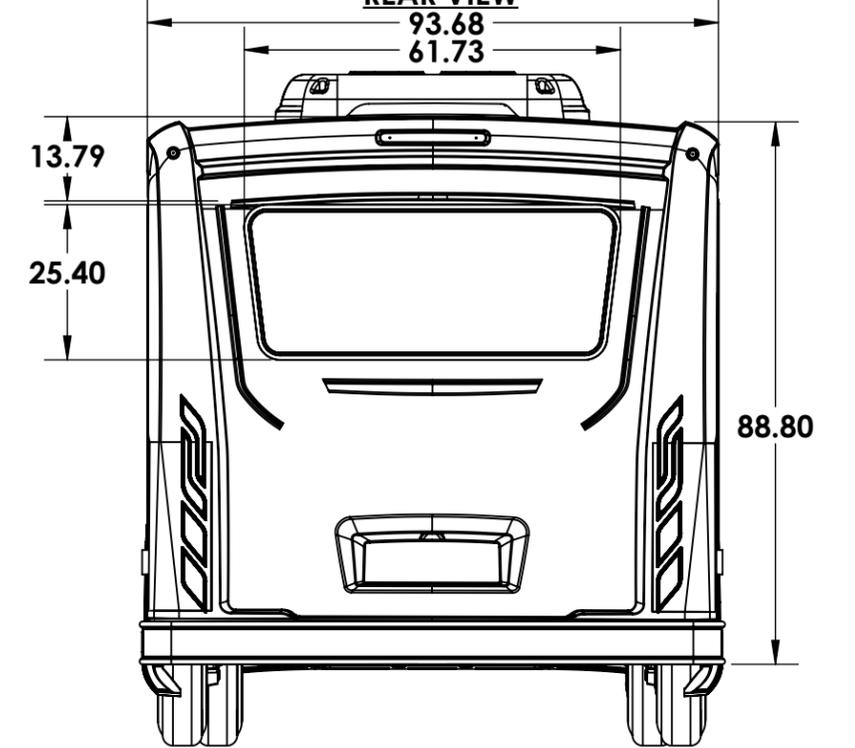


### FRONTRUNNER ELEVATION DRAWING

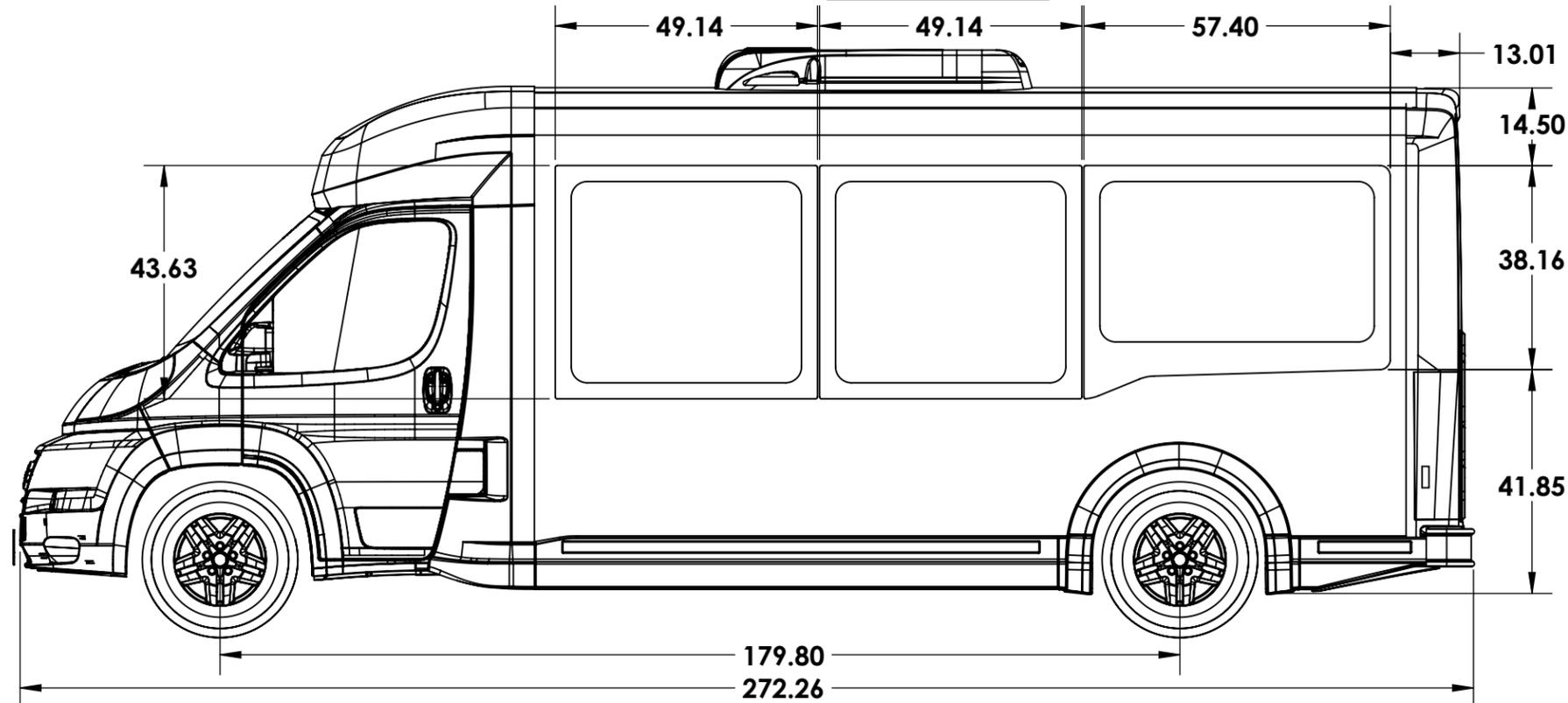
**PASSENGER SIDE VIEW**



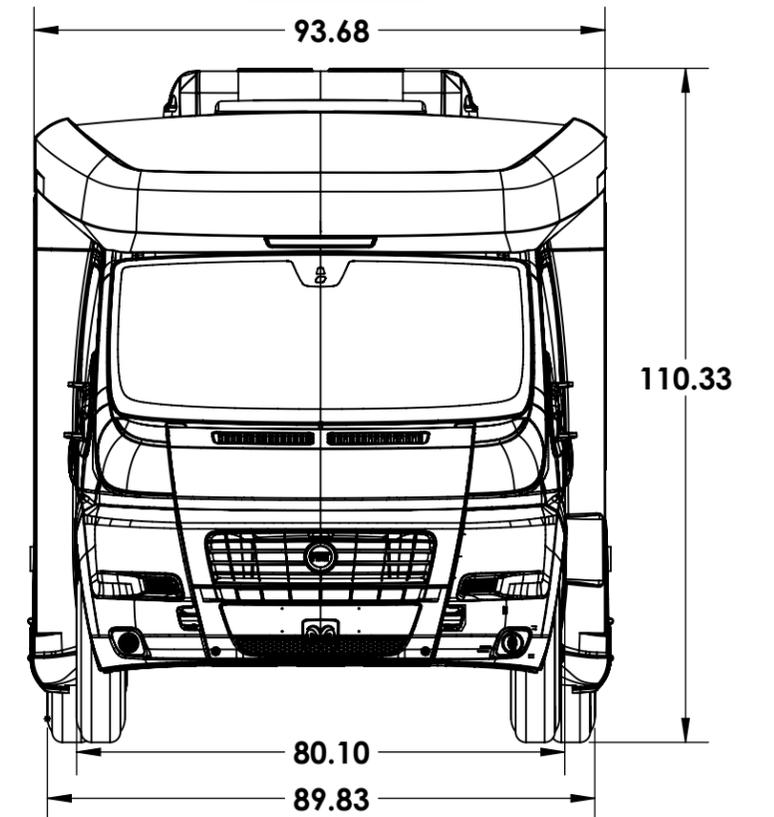
**REAR VIEW**



**DRIVER SIDE VIEW**



**FRONT VIEW**





## Memorandum

From: Joe Meer, Morongo Basin Transit Authority (MBTA)

To: Procurement File RFP 20-01

Date: August 17, 2021

Re: New England Wheels PreAward Certification

Embedded in this Document are the required certifications and supporting documents that represent the fulfillment of the PreAward review requirements accomplished prior to executing a contract with Davey Coach, proposing dealer for the New England Wheels Frontier Class G Compact low floor van.

Attached are the following:

- Executed PreAward certifications for Buy America, Purchaser's and FMVSS requirements.
- Buy America desk review performed by Raul Bravo and Associates for MBTA.
- First Article and Plant Inspections performed by Fleet Maintenance Specialists, Inc. towards meeting the Purchaser's Requirement. MBTA and FMS confirmed Quality Control and Buy America Final Assembly activities on site at plant inspection on May 18, 2021 in Billerica, MA.

Further,

- A certification by the proposer that the vehicle's FMVSS requirement will be provided on the FMVSS sticker of the vehicles to be delivered will be in the electronic file available from the California Association for Coordinated Transportation's (CalACT) electronic database or MBTA.
- For the Purchaser's certification, copies of the solicitation specification, bid specification, approved equals and manufacturer's qualifications are also available on the CalACT database or from MBTA.

Please contact CalACT or MBTA for additional assistance or questions.

:jm



PreAwardReport\_Ne  
wEnglandWheels\_Clas(NE Wheels Promaste



Davey Coach Config



NE Wheels.xlsx



PREAWARD CERTS  
Davey 20-01.pdf

**Morongo Basin Transit Authority RFP 20-01 STANDARD BUS AUDIT SHEET (FOR GAS, DIESEL, CNG BUSES)**

ITEM	REQUESTED INFORMATION	PROVIDED			Description of Information and Documentation	Action	Photos or Docs (Links)	Photos or Docs (Links)	Final Findings/Comments
		Yes	No	NA					
A	Quality Assurance Operating Manual / Procedures	X			Production manual which should include the procedures and testing guidelines for all aspects of production.	Visit or observation and documentation		<a href="#">Doc Link</a>	
B	Welding Certifications and Periodic Testing			X	This would be a sample of a welding certificate plus the testing procedures which may include sample shear testing, individual welders random testing, testing procedures such as ultra sound, zyglow testing and visual	Documentation			No Structural Welding Performed
C	Fastener Testing		X		This would be a copy of specifications and testing such as; shear tests and fastener worthiness by manufacturer/supplier	Documentation		<a href="#">Doc Link</a>	Engineered but not tested. They said they would be testing soon
D	Torque Wrench Calibration	X			Torque wrench and equipment calibration procedures and systems to assure all torque values are consistent and tested, regulary	Documentation Photos	EXCEPTION: New wrenches purchased annually - not re-calibrated.	<a href="#">Doc Link</a>	
E	Drawings and Procedures	X			Production assembly and configuration drawings at each station, where assembled.	Provide drawings / photos for review	Attached Floor Plan	<a href="#">Doc Link</a>	
F	Paint Adhesion and Thickness Testing			X	This would be the OEM test procedure as well as the documentation sample for the production books.	Sample Testing	EXCEPTION: Ford Factory Paint	Not Applicable	
G	Tapping Plate Drawings			X	Drawings of all tapping plates or tapping locations for the floor, roof and side walls if applicable.	Provide drawings	Tapping Plates are not-applicable.	Not Applicable	They tap into the OEM chassis no need for Tapping plates
H	Stanchion Testing	X			Documentation ensuring that all stanchions and seating is mounted to a proper tapping plate or structural surface so as to not pull out during a crash	Documentation	FMVSS Documentation Attached	<a href="#">Doc Link</a>	
I	Front End Alignment Procedure and Equipment	X			This an alignment procedure to ensure that the buses are aligned and certified before shipment	Documentation Photos		<a href="#">Doc Link</a>	
J	Water Test Procedure and Equipment			X	Water test procedure that meets the intent of the White book standards for the vehicles being produced.	Provide documentation of water testing including the procedures for	EXCEPTION: Pressure Tested at Ford Factory	<a href="#">Doc Link</a>	
K	Side Wall Truing Procedure			X	This is only applicable to a HD bus or any bus that adheres the side walls as a skin versus a panel	Provide copy of procedure if applicable	EXCEPTION: Not Applicable	Not Applicable	OEM chassis
L	QVM or EQVM from OEM			X	QVM if applicable, from Ford that approves any modifications to the chassis	Documentation: copy of certificate		Not Applicable	
M	ISO Certificate			X	Provide a copy of the ISO Certification if applicable:	Documentation: copy of certificate		Not in place	
N	Amperage Draw Calculation	X			Amperage draw calculation which provides proof that the amperage demand does not overcome the alternator output.	Documentation		<a href="#">Doc Link</a>	
O	Parts Availability Letter of Non-issue	X			This is a letter that confirms that the manufacturers do not anticipate a work shortage or walk out during the production periods.	Documentation	Letter Attached	<a href="#">Doc Link</a>	
P	Plant Flow	X			This is a copy of the plant layout and station production tasks	Documentation	Planet Layout	<a href="#">Doc Link</a>	
Q	FMVSS Self Certification	X			This is a self certification for FMVSS	Documentation: copy of certificate		<a href="#">Doc Link</a>	
R	Buy America Cost Breakdown				BA Itemized listing of percentages	Documentation, See App E, submit w bid			Joe Meer
S	Buy America Certificates of Origin				BA origin certificates by vendor, MBTA and FMS confirmed Final Assembly activities 5/18	Documentation, See App E,			Joe Meer
V	Altoona Test Document	X			Submit Altoona cover letter, Report #	Provide # and summary page		<a href="#">Doc Link</a>	

**Morongo Basin Transit Authority RFP 20-01 STANDARD BUS AUDIT SHEET (FOR GAS, DIESEL, CNG BUSES)**

ITEM	REQUESTED INFORMATION	PROVIDED			Description of Information and Documentation	Action	Photos or Docs (Links)	Photos or Docs (Links)	Final Findings/Comments
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A	Quality Assurance Operating Manual / Procedures	X			Production manual which should include the procedures and testing guidelines for all aspects of production.	Visit or observation and documentation			
B	Welding Certifications and Periodic Testing			X	This would be a sample of a welding certificate plus the testing procedures which may include sample shear testing, individual welders random testing, testing procedures such as ultra sound, zyglow testing and visual	Documentation			
C	Fastener Testing		X		This would be a copy of specifications and testing such as; shear tests and fastener worthiness by manufacturer/supplier	Documentation			
D	Torque Wrench Calibration	X			Torque wrench and equipment calibration procedures and systems to assure all torque values are consistent and tested, regularly	Documentation Photos	EXCEPTION: New wrenches purchased annually - not re-calibrated.		
E	Drawings and Procedures	X			Production assembly and configuration drawings at each station, where assembled.	Provide drawings / photos for review	Attached Floor Plan		
F	Paint Adhesion and Thickness Testing			X	This would be the OEM test procedure as well as the documentation sample for the production books.	Sample Testing	EXCEPTION: Ford Factory Paint		
G	Tapping Plate Drawings			X	Drawings of all tapping plates or tapping locations for the floor, roof and side walls if applicable.	Provide drawings	Tapping Plates are not-applicable.		
H	Stanchion Testing	X			Documentation ensuring that all stanchions and seating is mounted to a proper tapping plate or structural surface so as to not pull out during a crash	Documentation	FMVSS Documentation Attached		
I	Front End Alignment Procedure and Equipment	X			This an alignment procedure to ensure that the buses are aligned and certified before shipment	Documentation Photos			
J	Water Test Procedure and Equipment			X	Water test procedure that meets the intent of the White book standards for the vehicles being produced.	Provide documentation of water testing including the procedures for	EXCEPTION: Pressure Tested at Ford Factory		
K	Side Wall Truing Procedure			X	This is only applicable to a HD bus or any bus that adheres the side walls as a skin versus a panel	Provide copy of procedure if applicable	EXCEPTION: Not Applicable		
L	QVM or EQVM from OEM			X	QVM if applicable, from Ford that approves any modifications to the chassis	Documentation: copy of certificate			
M	ISO Certificate		X		Provide a copy of the ISO Certification if applicable:	Documentation: copy of certificate			
N	Amperage Draw Calculation	X			Amperage draw calculation which provides proof that the amperage demand does not overcome the alternator output.	Documentation			
O	Parts Availability Letter of Non-issue	X			This is a letter that confirms that the manufacturers do not anticipate a work shortage or walk out during the production periods.	Documentation	Letter Attached		
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Q	FMVSS Self Certification	X			This is a self certification for FMVSS	Documentation: copy of certificate			
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S	Buy America Certificates of Origin				BA origin certificates by vendor	Documentation, See App E,			
V	Altoona Test Document	X			Submit Altoona cover letter, Report #	Provide # and summary page			



# Buy America Pre-Award Report

New England Wheels  
Frontrunner Class G

Prepared by:

**Raul V. Bravo + Associates, Inc.**  
Reston, Virginia

Prepared for:

Morongo Basin Transit Authority  
Joshua Tree, CA



RAUL V. BRAVO + ASSOCIATES, INC.

May 11, 2021



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## 1 INTRODUCTION

The Morongo Basin Transit Authority (MBTA) issued Request for Proposals (RFP) 20-01, seeking proposals for accessible transit/paratransit vehicles. The RFP was issued as a joint procurement, wherein MBTA serves as the lead agency and other participants are either subrecipients of California Department of Transportation (CalTrans) or are members of the California Association for Coordinated Transportation (CalACT). The participating agencies were listed in an appendix to the RFP. The procurement is designed to allow CalACT to provide contract administration support, with MBTA retaining control over contract modifications, amendments, and similar functions.

Because the resulting contracts and purchase orders issued thereunder are expected to be funded, in part by the Federal Transit Administration (FTA), the provisions of 49 USC 5323(j) – Buy America. The FTA Buy America program is set forth in 49 CFR Parts 661 and 663, with additional guidance provided by FTA through its publication, *Conducting Pre-Award and Post-Delivery Audits for Rolling Stock Procurements* (January 2017) and a series of decision letters.

49 USC 5323(j) requires, inter alia, that final assembly of the vehicles is accomplished in the United States and that the costs of components and subcomponents manufactured in the United States account for more than 70% of the cost of all components and subcomponents.

MBTA engaged RVB+A to conduct Buy America pre-award audits of potential suppliers. RVB+A's role is limited to determining the anticipated US content and reviewing the proposed scope of final assembly.

## 2 PROCESS

MBTA designates potential suppliers and models designated for pre-award review, providing notice to the potential suppliers and RVB+A of the designation and selected models. Potential suppliers are advised of RVB+A's role in the pre-award review process.

RVB+A provides nondisclosure agreements (NDA) to potential suppliers and, where requested, vehicle manufacturers where the potential supplier is a dealer.

Upon completion of the NDA(s), RVB+A provides instructions to potential suppliers outlining the necessary data and works with potential suppliers to establish secure means of transferring the data. Consistent with notice provided in the RFP, RVB+A's work is conducted remotely. MBTA has arranged separately for review of the proposed final assembly facilities.

## 3 REVIEW OF THE SUBMITTED DATA

RVB+A reviews the preliminary Buy America certification provided by the potential supplier with their proposal. The certification submitted by New England Wheels is in proper form and certifies compliance with the Buy America requirements.

RVB+A reviews the anticipated final assembly scope, including the final assembly location, processes by station, and anticipated labor hours and costs. The proposed scope of final assembly submitted by New England Wheels was compared to that approved by FTA in a series of decision letters, including:

- Auto Ability, LLC, dated June 25, 2014;
- Braun Corporation, dated July 1, 2013;
- El Dorado National – Kansas, dated July 1, 2013;
- FR Conversions Inc., dated June 8, 2017;
- Lone Star Handicap Vans, LLC, dated September 5, 2014; and
- Mobility Works Commercial, dated November 25, 2014.

New England Wheels submitted documentation of its final assembly processes, including:

- The installation and interconnection of the Engine, Transmission, Axles including the Cooling and Braking Systems, Heating and Air Conditioning Equipment.
- The installation of Pneumatic and Electrical Systems, Door Systems, Passenger Seats, Passenger Grab Rails, Wheel Chair Lifts.

MBTA was onsite and confirmed installation of major components and final assembly 05/18/2021.

This proposed scope of final assembly, including New England Wheels' anticipated labor hours and costs, is consistent with the statutory and regulatory requirements, as supplemented by the listed FTA decision letters.

New England Wheels proposes to conduct final assembly in its facilities in Billerica, MA consistent with the statutory and regulatory requirements.

RVB+A reviews the preliminary purchase orders or other estimates of anticipated component and subcomponent costs, as well as preliminary Buy America certifications provided by prospective component and subcomponent suppliers.

The preliminary purchase orders and Buy America certifications submitted by New England Wheels adequately supported New England Wheels' anticipated component and subcomponent costs and the domestic or foreign character of those components and subcomponents. New England Wheels provided sufficient documentation supporting a proposed US content of 72%, as detailed in the component list at Appendix A.

Additionally, RVB+A has reviewed the anticipated costs and domestic character of the priced optional equipment offered by New England Wheels. We have determined that addition of one or more of the priced options would not result in any purchase from New England Wheels falling below the 70% threshold for US content.

Additionally, we have noted that New England Wheels calculated its domestic content quite conservatively. New England Wheels designated what are arguably subcomponents as components, effectively lowering the reported US content. Additionally, New England Wheels designated hours arguably devoted to component manufacturing as final assembly, further reducing its reported US content. This conservative approach provides an additional level of confidence in New England Wheels' ability to exceed the required US content threshold.

## **4 SUMMARY**

New England Wheels' anticipated US content exceeds the required 70% and both the scope and costs of final assembly as proposed are reasonable.

## Appendix A New England Wheel Components

Vehicle Totals		U.S %	Foreign %	Component Totals			
		72.20%	27.80%	Component Total %		Component % of Vehicle Material Costs	
Component	Component Supplier	Component Manufacturing Location	U.S	FOREIGN	U.S	FOREIGN	
			1 - Engine/Transmission	Stellantis	Mexico	36.18%	63.82%
2 - Lowered Floor Frame	New England Wheels	Billerica, MA	94.53%	5.47%	11.98%	0.00%	
3 - Bus Structure	New England Wheels	Billerica, MA	90.55%	9.45%	21.11%	0.00%	
4 - Exhaust System	Coxx	Netherlands	0.00%	100.00%	0.00%	1.04%	
5 - Rear Axle/Suspension/Brake Assemblies	VDL USA/Coxx	U.S./Foreign	24.75%	75.25%	1.00%	3.03%	
6 - Front Suspension Assemblies/Handbrake	Coxx	Netherlands	0.00%	100.00%	0.00%	0.21%	
7 - Air Compressor and Pneumatic System	Multiple	Michigan/Foreign	13.50%	86.50%	0.20%	1.30%	
8 - Electrical Systems/Wiring Harness	Intermotive/Specialized Harness	Auburn, CA/El Paso, TX	100.00%	0.00%	1.84%	0.00%	
9 - Air Condition/Heater Assembly	ProAir Ilc	Elkhart, IN	74.76%	25.24%	4.84%	0.00%	
10 - Passenger Seats	Multiple	U.S	75.69%	24.31%	3.59%	0.00%	
11 - Windows	Taylor Made Glass/Motion Windows	U.S	100.00%	0.00%	2.91%	0.00%	
12 - Entrance Door Assemblies	Multiple	U.S	100.00%	0.00%	1.54%	0.00%	
13 - Interior/Exterior Lighting Switches	Multiple	Foreign	0.00%	100.00%	0.00%	0.62%	
14 - Rear Bumper Assembly	Safefleet/VDL USA	U.S	100.00%	0.00%	1.29%	0.00%	
15 - Wheel Chair Ramp	M Power Engineering	Tarzana, CA	100.00%	0.00%	2.59%	0.00%	
16 - Wheelchair Restraints/Mounting	Q'Straint	Oakland Park, FL	75.13%	24.87%	2.23%	0.00%	
17 - Grabrail Assemblies	Marson Internationals	Elkhart, IN/Billerica, MA	79.57%	20.43%	0.88%	0.00%	
18 - Miscellaneous U.S	Multiple	U.S	100.00%	0.00%	4.21%	0.00%	
19 - Miscellaneous Foreign	Multiple	Foreign	7.80%	92.20%	0.05%	0.54%	

Figure 1 Summary of Components