

From: "Robert Annese" <law@robertannese.com>
To: "Jennifer Raitt" <JRaitt@town.arlington.ma.us>
Date: Wed, 4 May 2022 14:43:30 -0400
Subject: 34 Dudley - Vehicle Turning Template Specification

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Hi Jenny,

Please see the response to Stephen Revilak's e-mail.

Thank you.

Bob

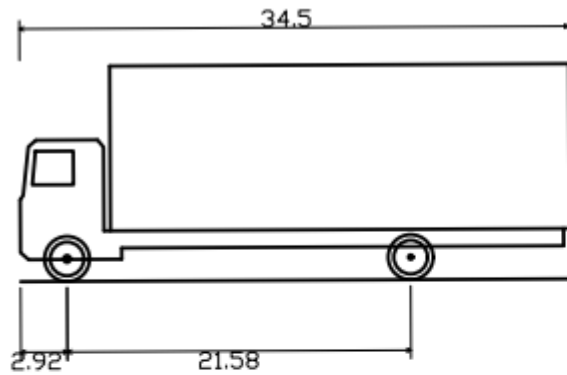
781-646-4911

From: Eric Gerade <egerade@VHB.com>
Sent: Wednesday, May 04, 2022 2:39 PM
To: Robert Annese <law@robertannese.com>
Cc: Jesse Morgan <jesse@pssinvestors.com>
Subject: 34 Dudley - Vehicle Turning Template Specification

Bob,

As a follow up to the truck turning analysis for the proposed Self Storage Facility at 34 Dudley, below are the specifications utilized to building the typical 26' UHaul Box Truck. As discussed during the last hearing , the overall vehicle is actually 34.5' and the 26' refers to the size of the useable storage space.

The image below details the specifications input into the program to generate the turning movements. The image is shows for dimensional reference only (not to scale and shows the build of the truck within the model. This was built from updating a box truck within the vehicle tracking program with the available specs provided by UHaul online.



26' uhaul truck	
Overall Length	34.500ft
Overall Width	8.080ft
Overall Body Height	13.500ft
Min Body Ground Clearance	1.381ft
Track Width	8.080ft
Lock-to-lock time	5.00s
Max Steering Angle (Virtual)	31.80°

Please feel free to send along as necessary,

Thank you,

Eric Gerade, PE, LEED AP
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