the A.J. Drexel Autism research for communities

MOBILE ASSESSMENT UNIT DESIGN COMPETITION









ANTOINETTE COLLEGE OF MEDIA www.drexel.edu/westphal

CONCEPT

ADAPTABLE SUBMERSION

An adaptable 'submerged' environment designed to soothe those who enter with its cool and neutral palette, textures, and lighting.

Features such as privacy and acoustical controls create a space that will calm while positively stimulating the participant to focus and interact socially.

Easily accessible storage and tailorable facilities make the function of the space ideal for the clinician.

RESEARCH

Aquatic Therapy:

- Calms the child's sensory system (reducing hyperactivity, decreasing tactile sensitivity, decreasing self-stimulatory behaviors and repetitive behaviors, etc.) so that he/she can cope with everyday demands
- * Improves the child's work behaviors (attention span, concentration, ability to follow instructions, etc), thereby making a more receptive learner

Light and Snoezelen Therapies:

- Rooms designed to deliver stimuli to various senses, using lighting effects, color, sounds, music, scents, etc. that are soothing to the child with autism
- * Reduction in stress and stereotypical behavior and less aggression and self-injury

Combination of Aquatic, Light and Snoezelen Therapies in our van:

- Color scheme-Soothing, neutral, aquatic colors that one typically experiences underwater
- * Visuals- Curvilinear forms that are similar to gentile waves
- * Materials-Soft, smooth, and natural
- * Sound proofing-Many enjoy the muffled sounds they hear underwater, very quiet and calming, blocks out most outside sources
- * Lighting controls- Dimmed, but not dark, since many have high sensitivity to bright lights. Also having an interactive light show as a reward/assessment technique
- * Temperature- Comfortably warm

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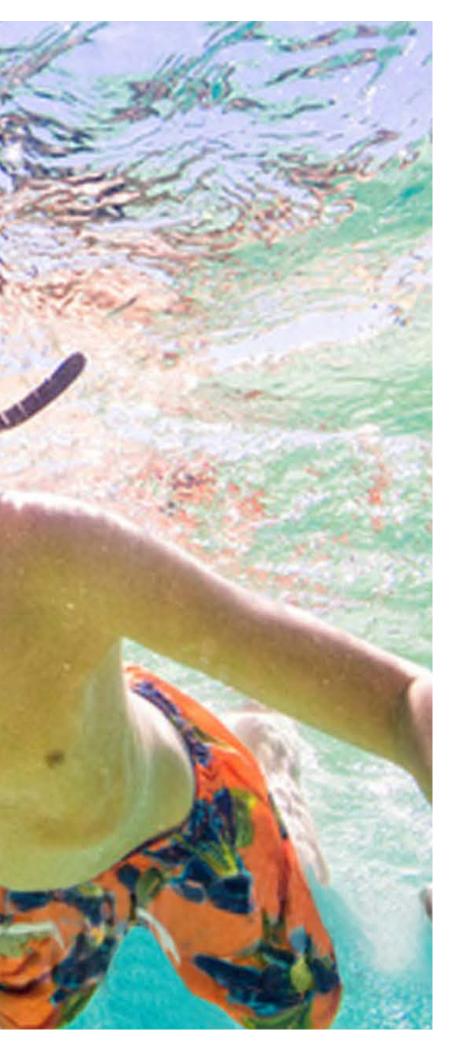
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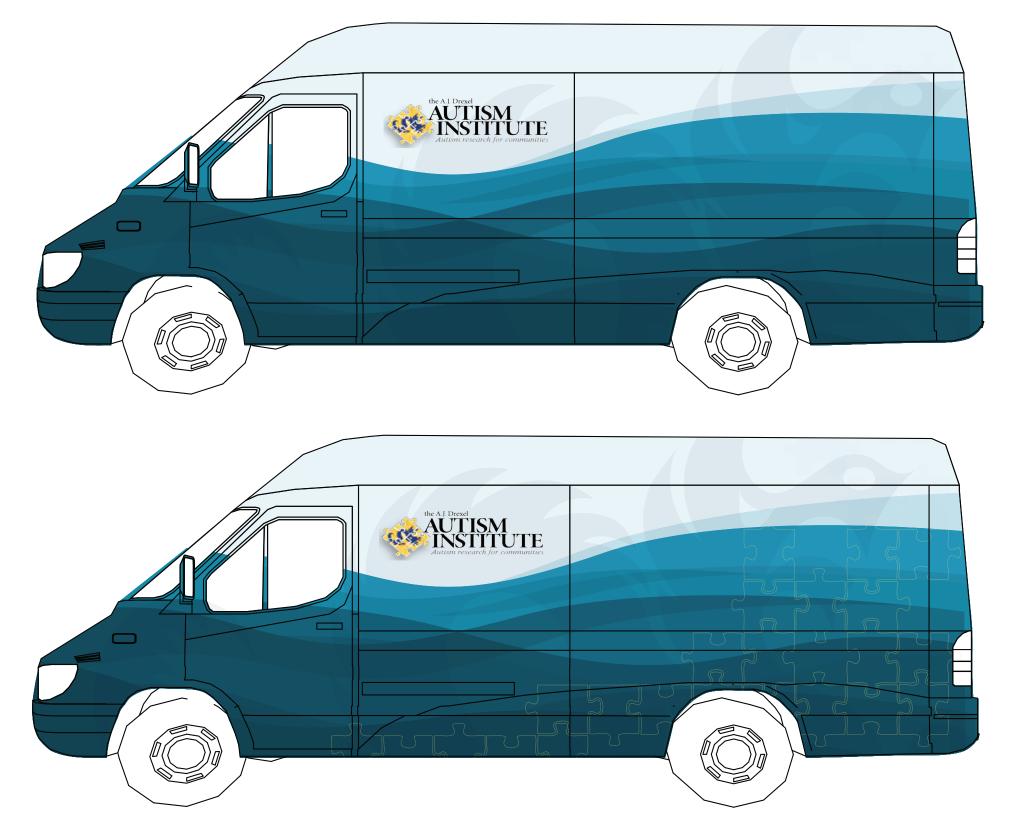
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INSPIRATION



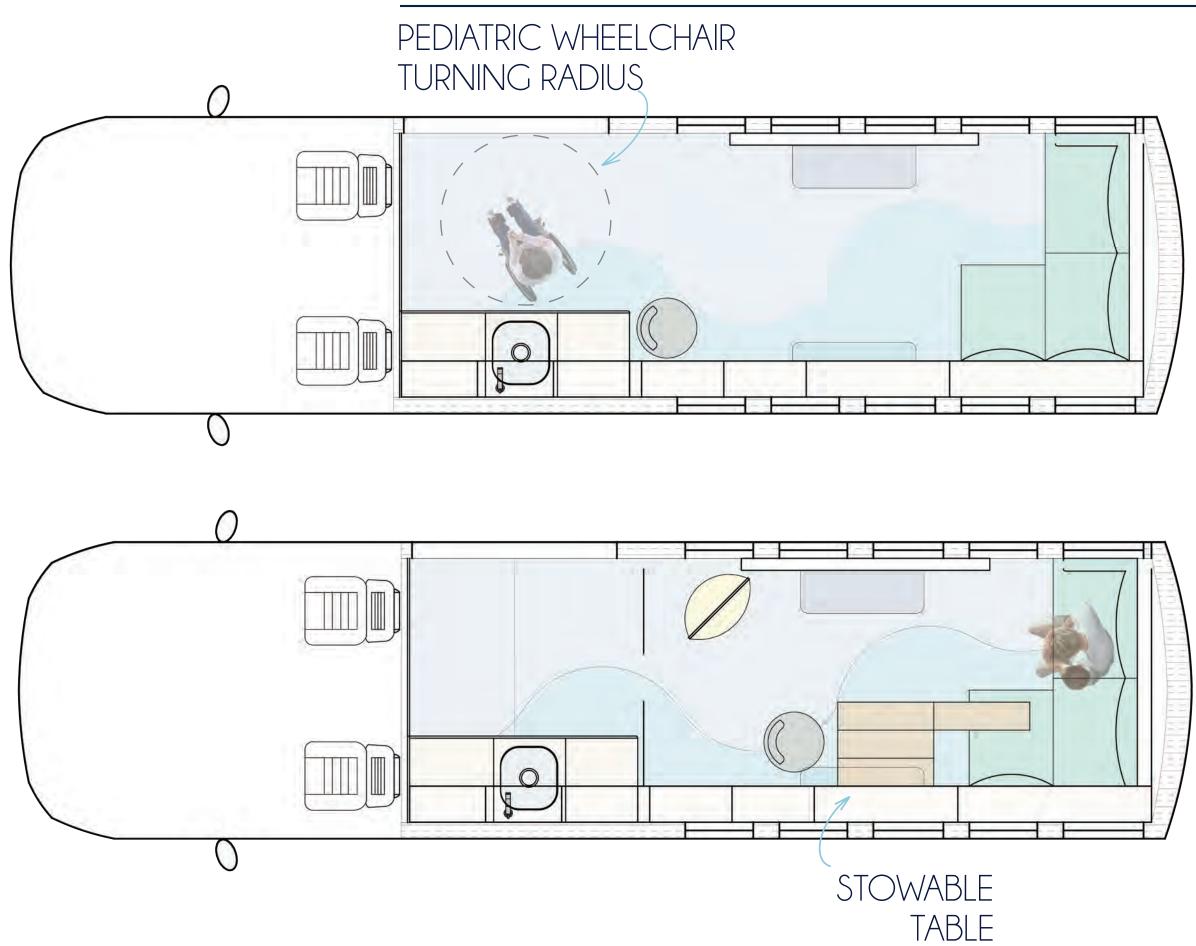
EXTERIOR: SIDE VIEW



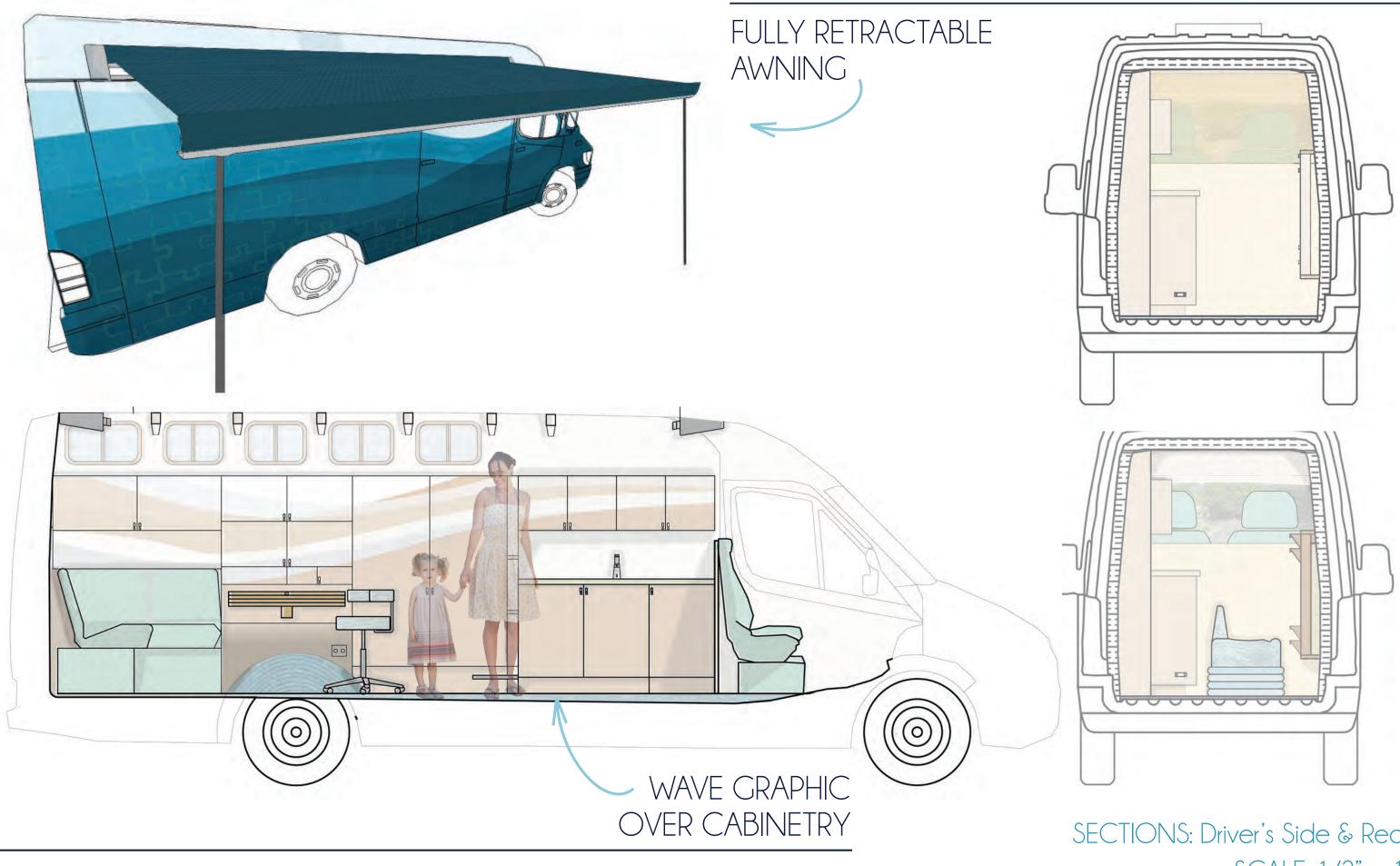
EXTERIOR: DRIVER'S SIDE & REAR



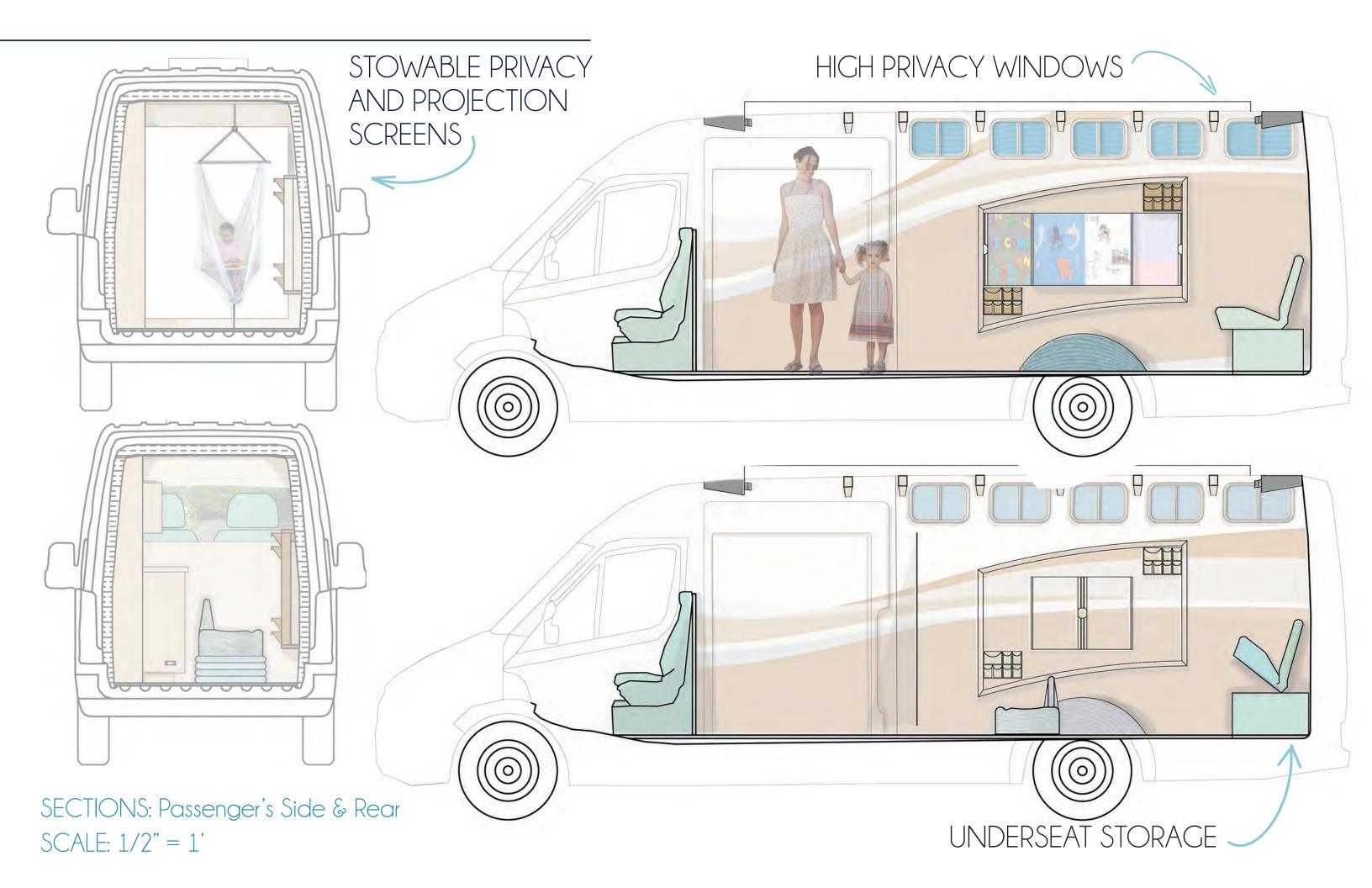


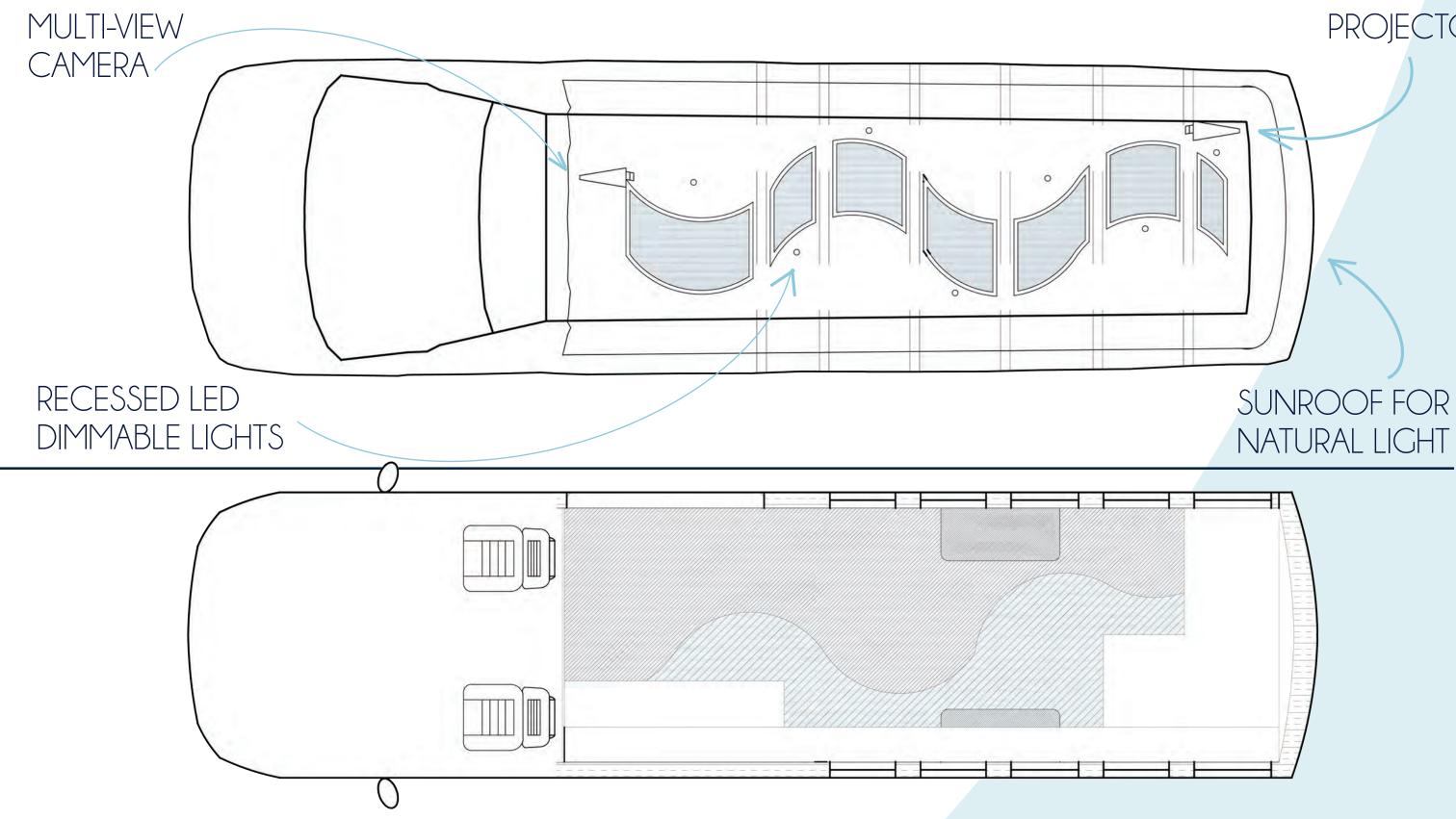


PLAN SCALE: 1/2" = 1'



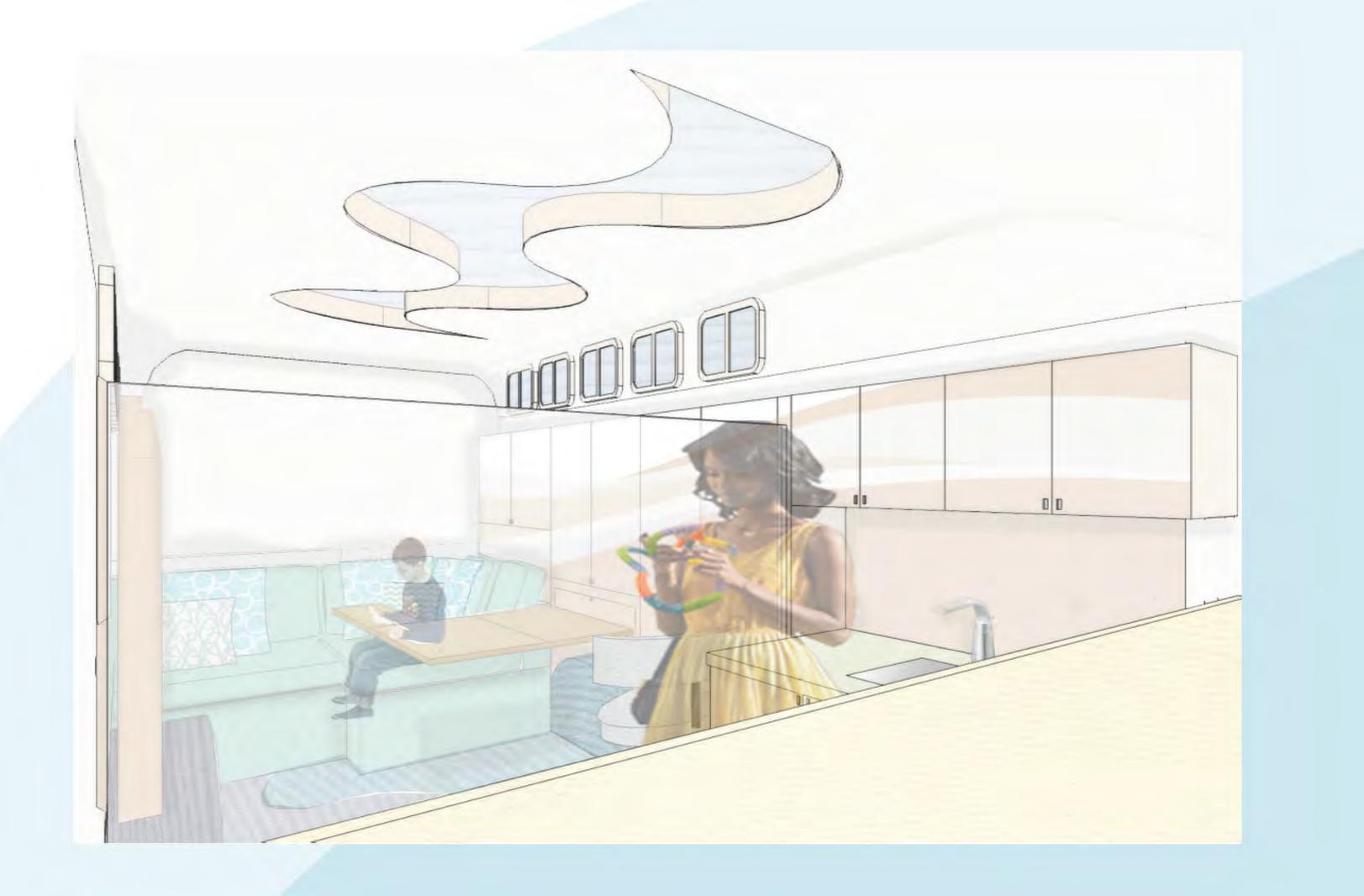
SECTIONS: Driver's Side & Rear SCALE: 1/2" = 1'

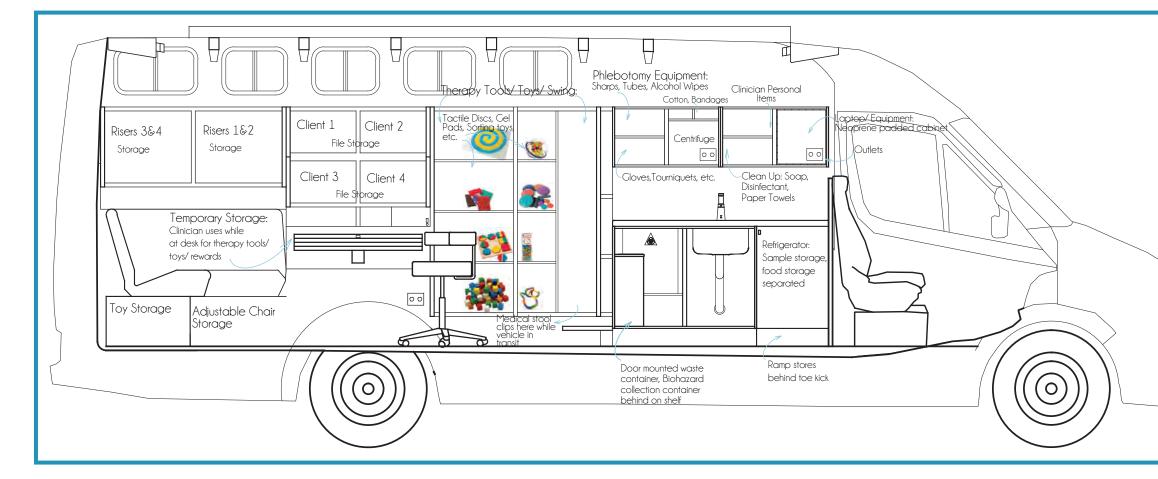


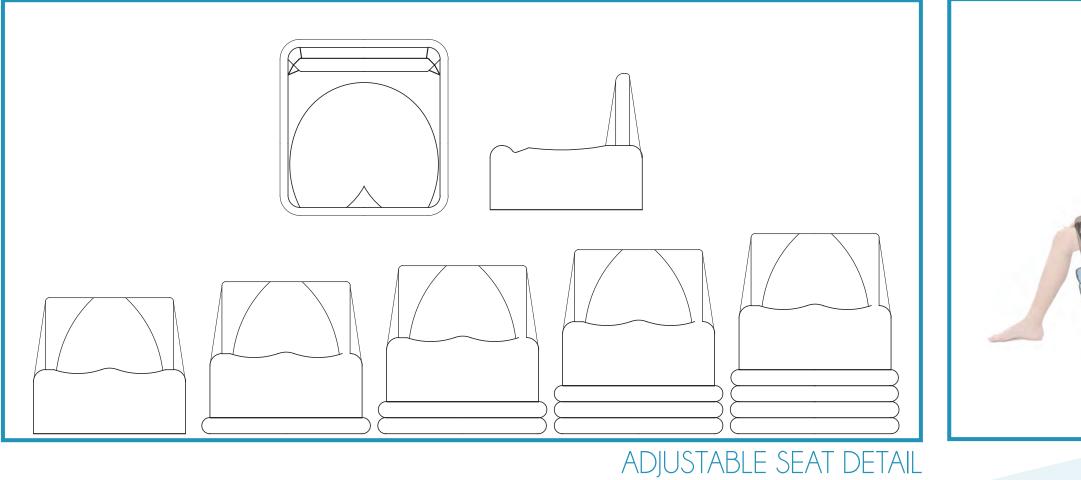


REFLECTED CEILING PLAN & FLOOR PATTERN SCALE: 1/2" = 1'

PROJECTOR







SCALE: 1'' = 1'



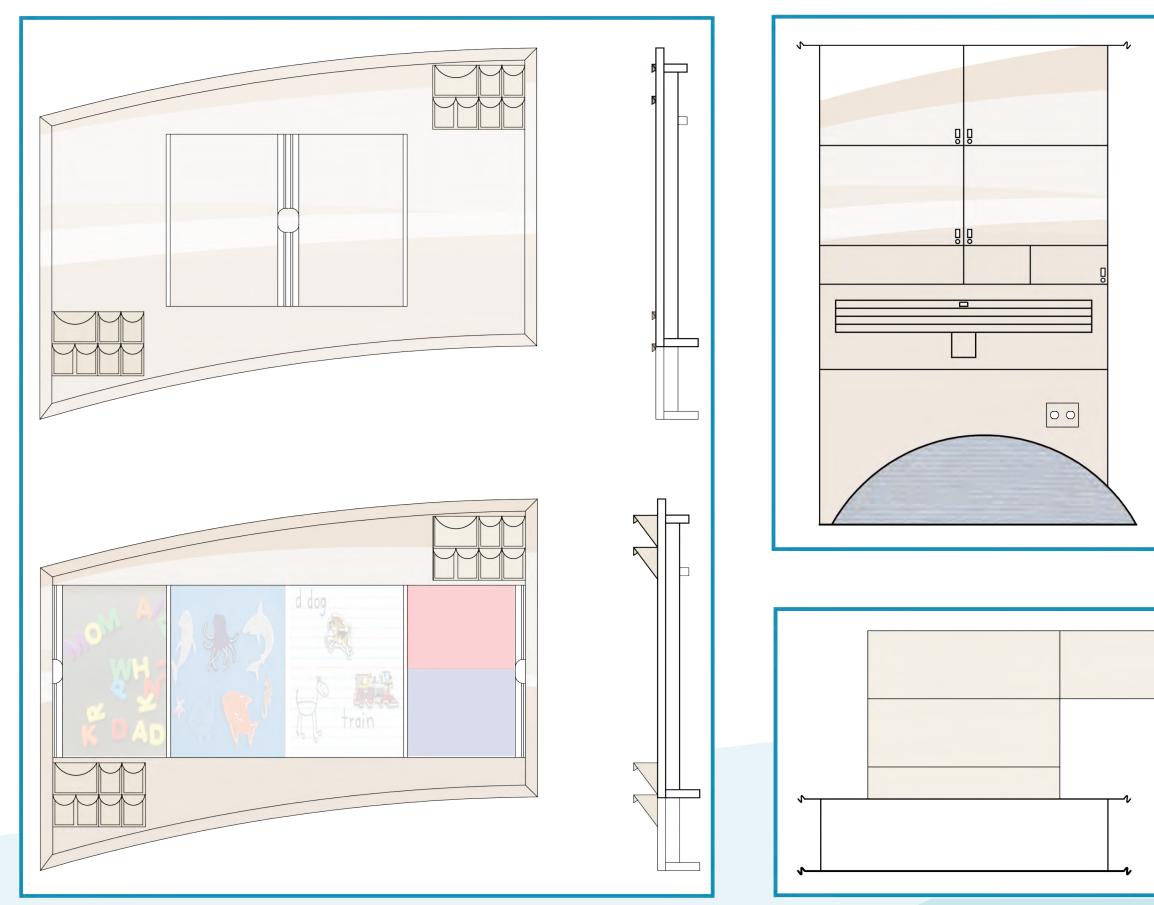


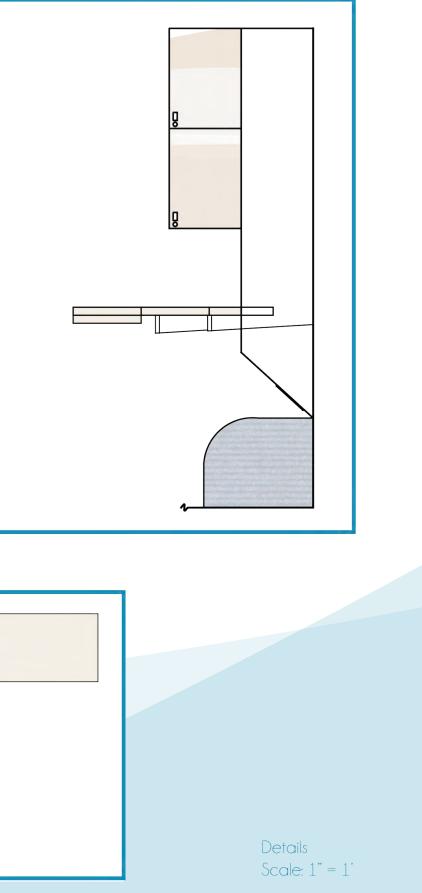
STORAGE SOLUTIONS



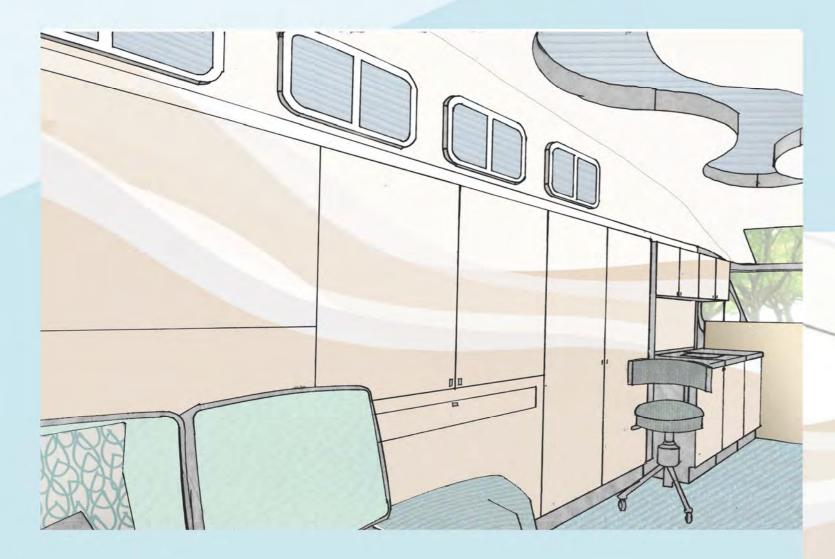


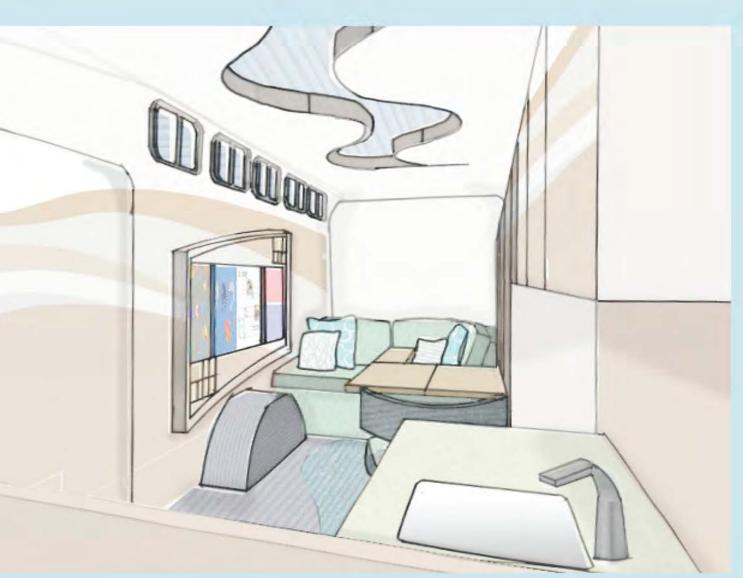
ADJUSTABLE WORK STATIONS DETAIL SCALE: 1" = 1'





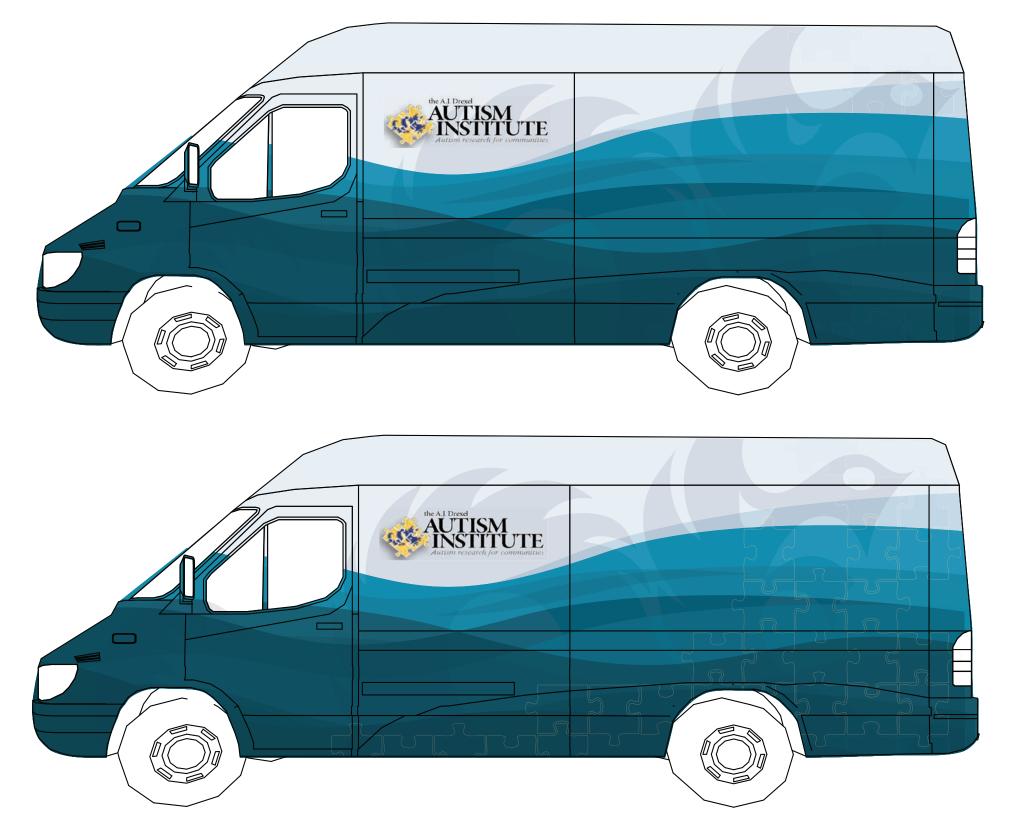






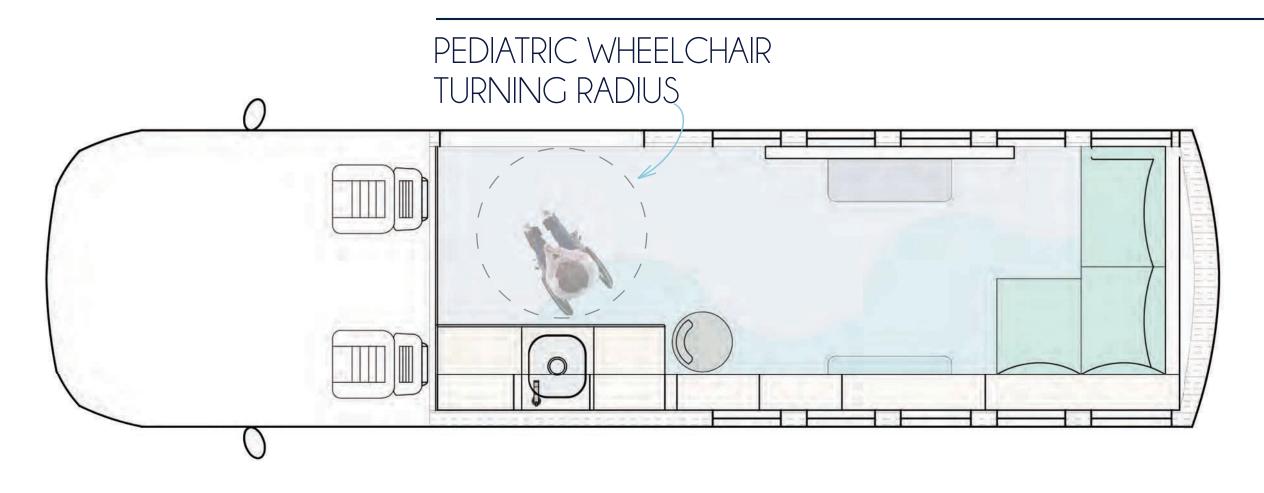


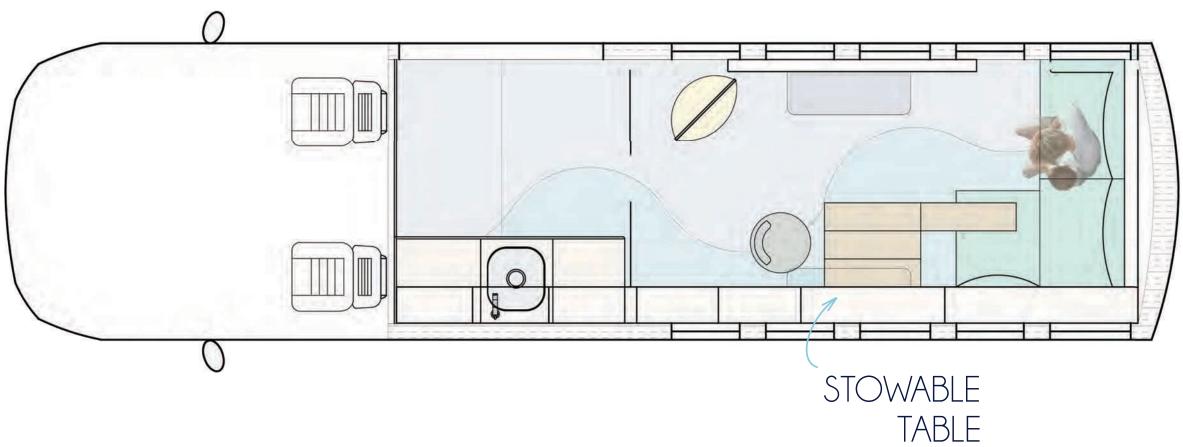
EXTERIOR: SIDE VIEW



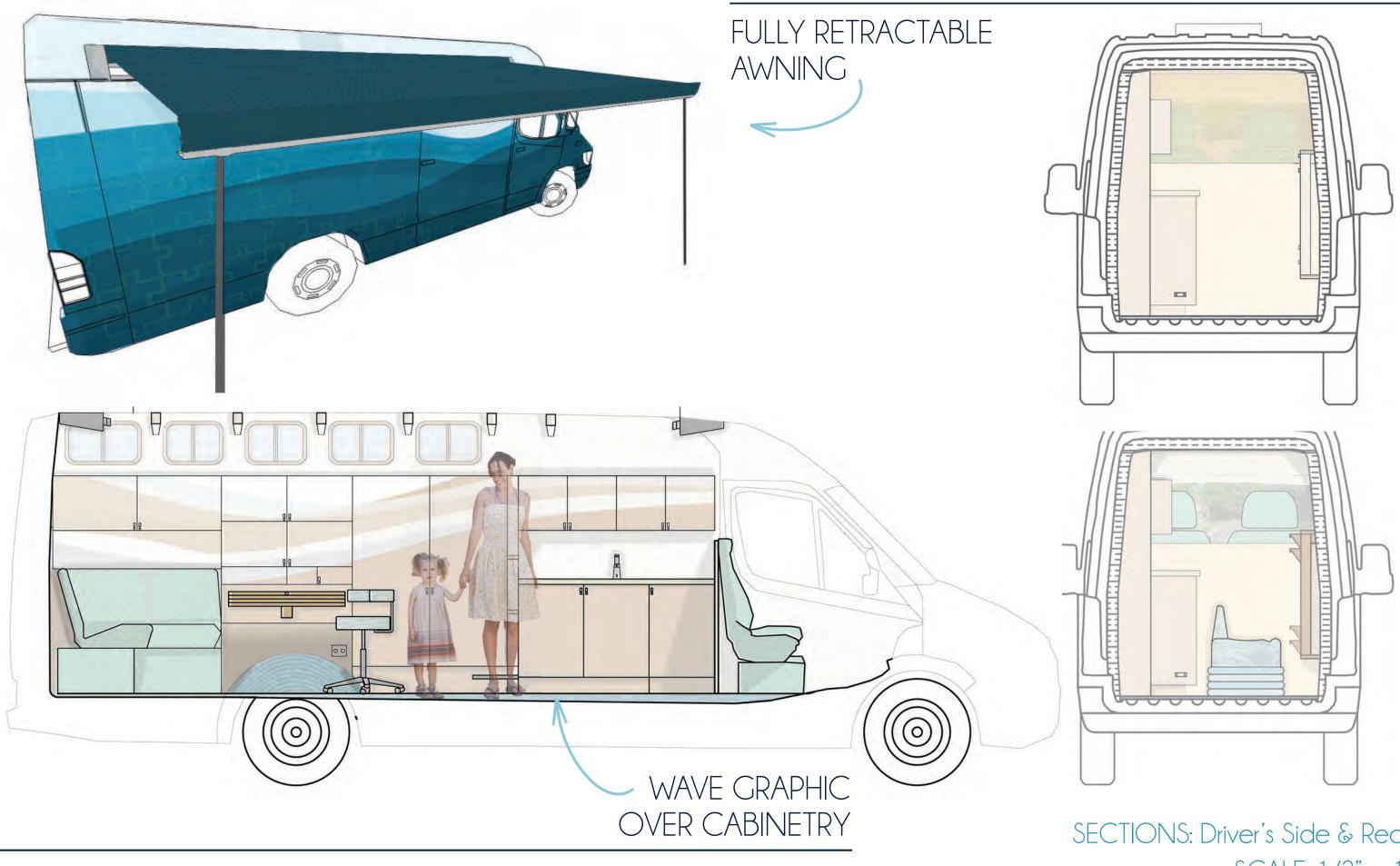
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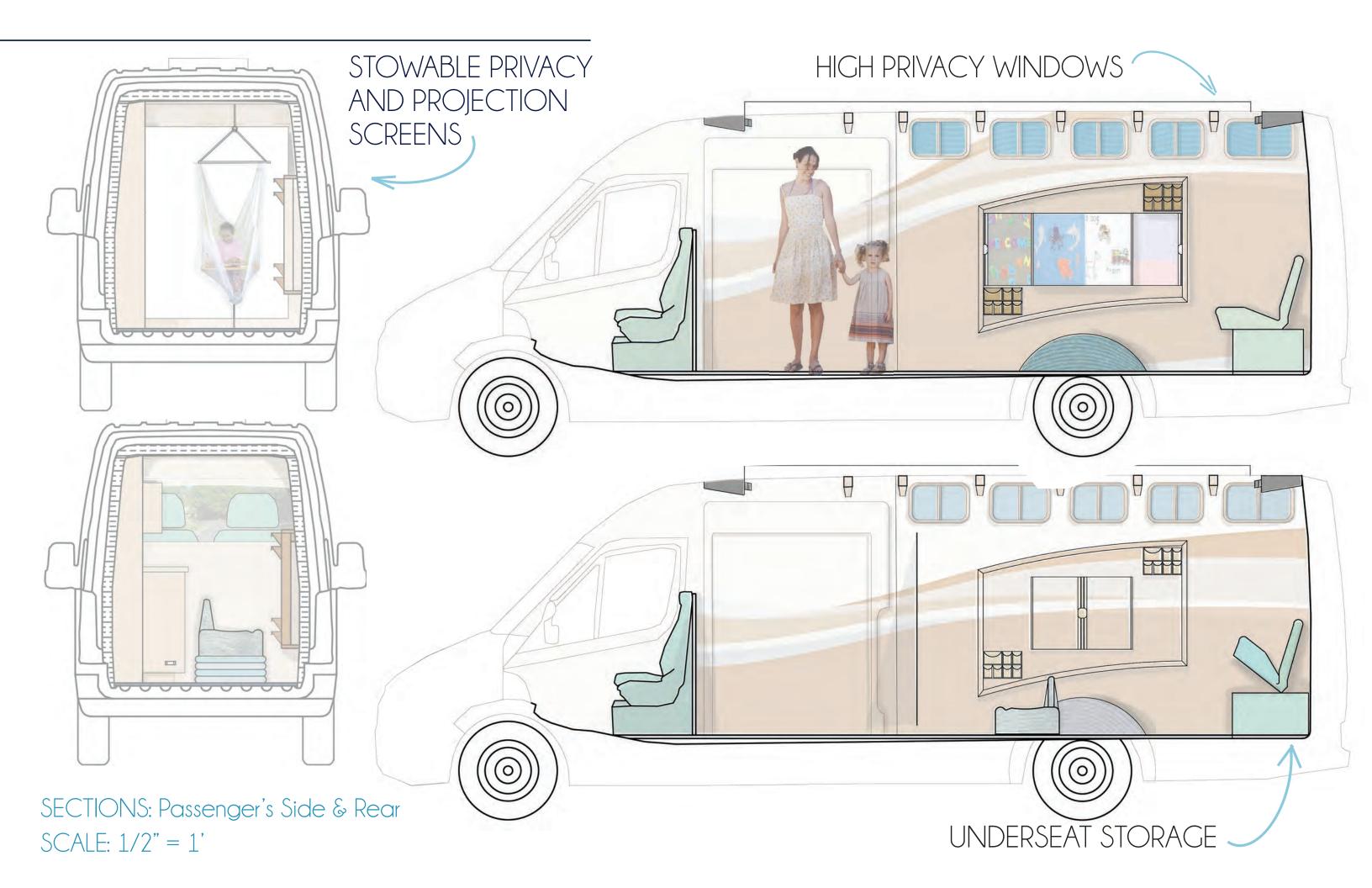


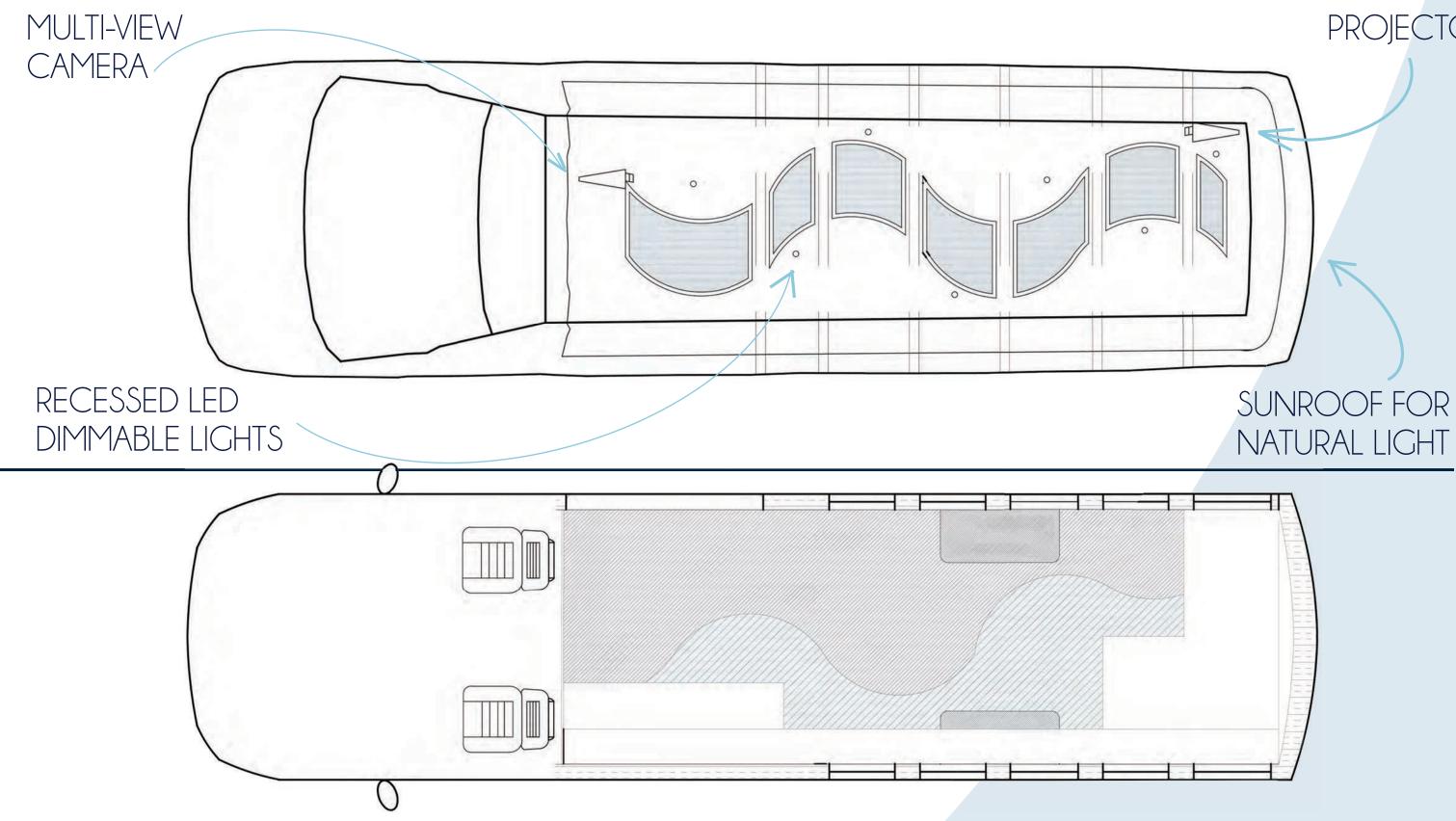


PLAN SCALE: 1/2" = 1'



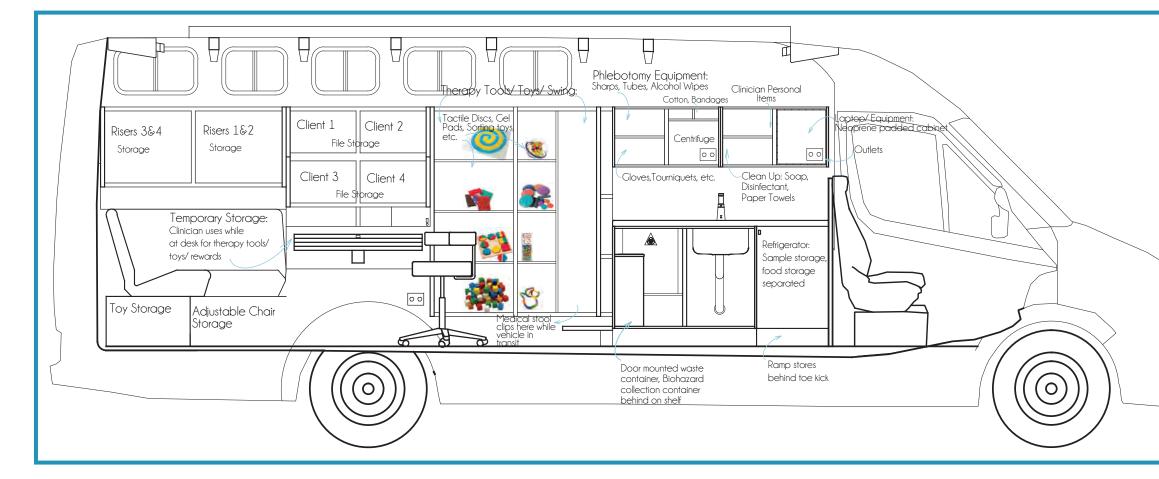
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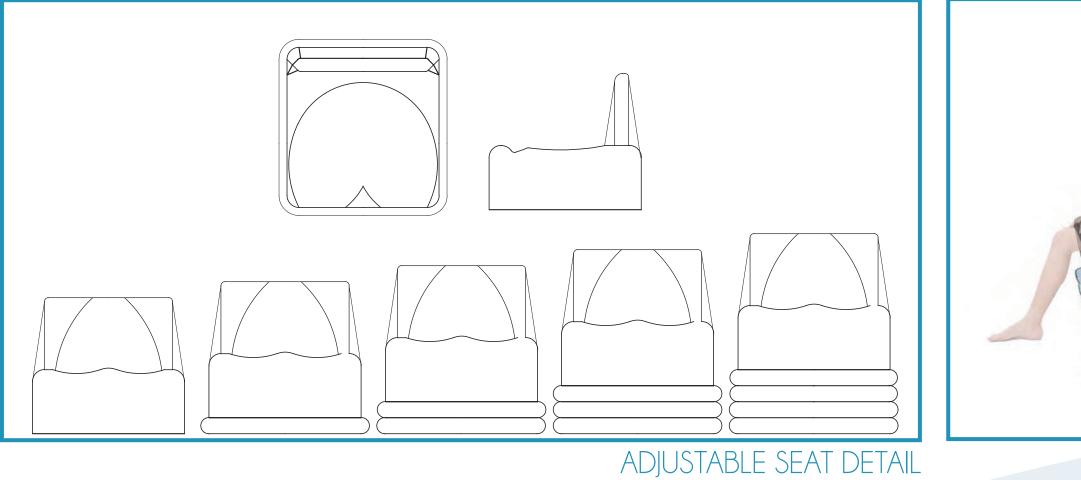




REFLECTED CEILING PLAN & FLOOR PATTERN SCALE: 1/2" = 1'

PROJECTOR





USTABLE SEAT DETAIL SCALE: 1'' = 1'



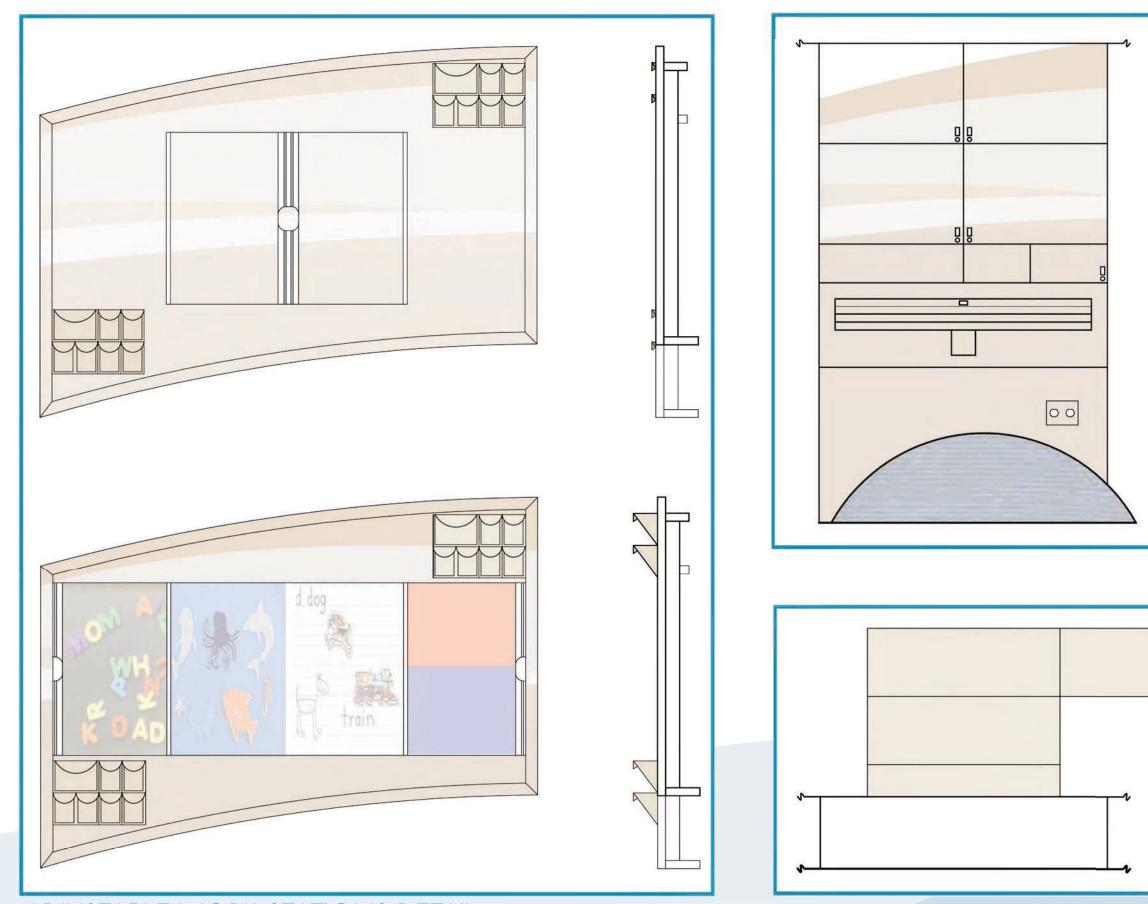


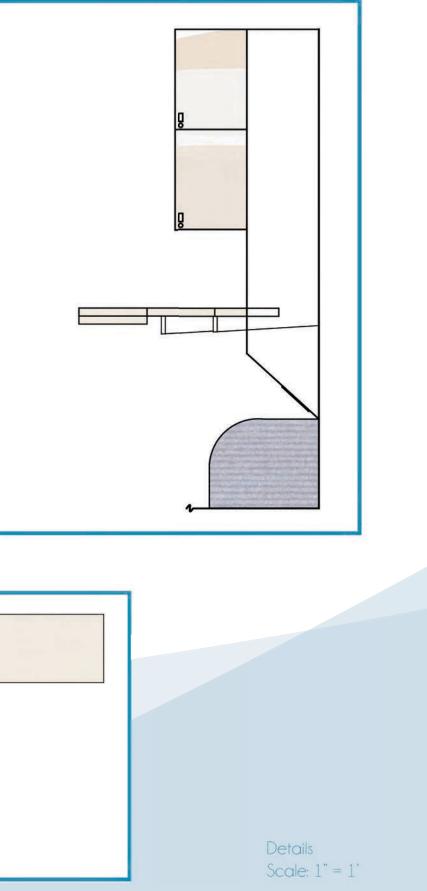
STORAGE SOLUTIONS



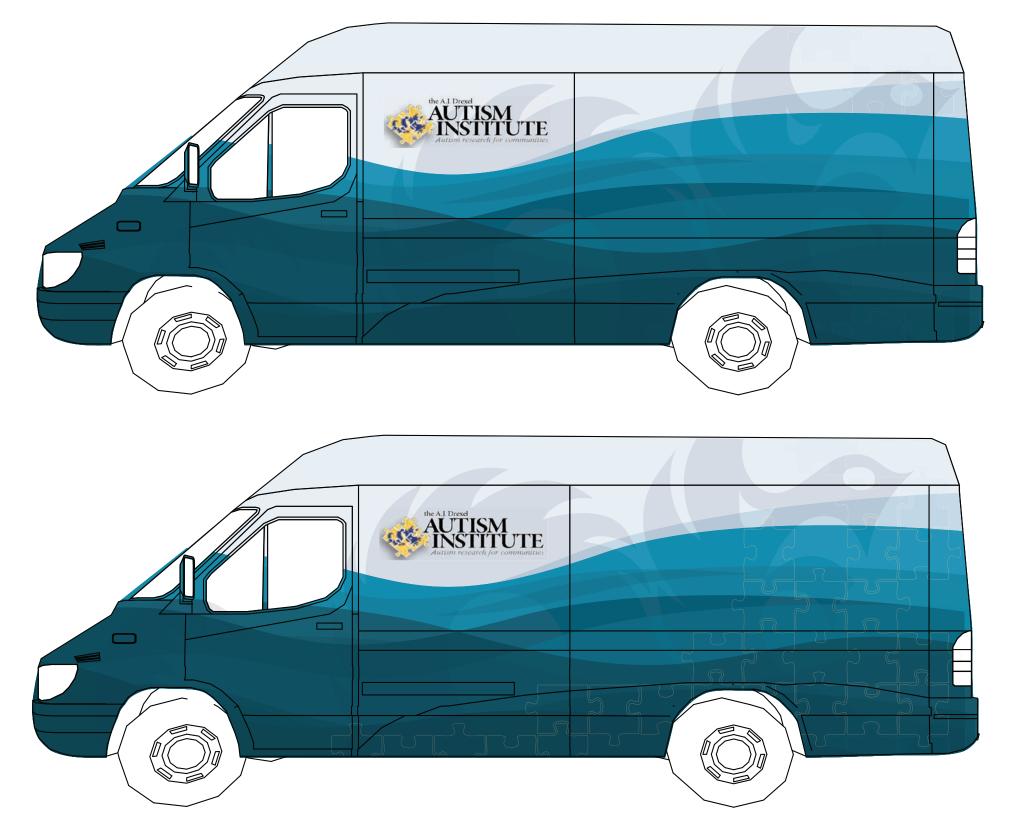


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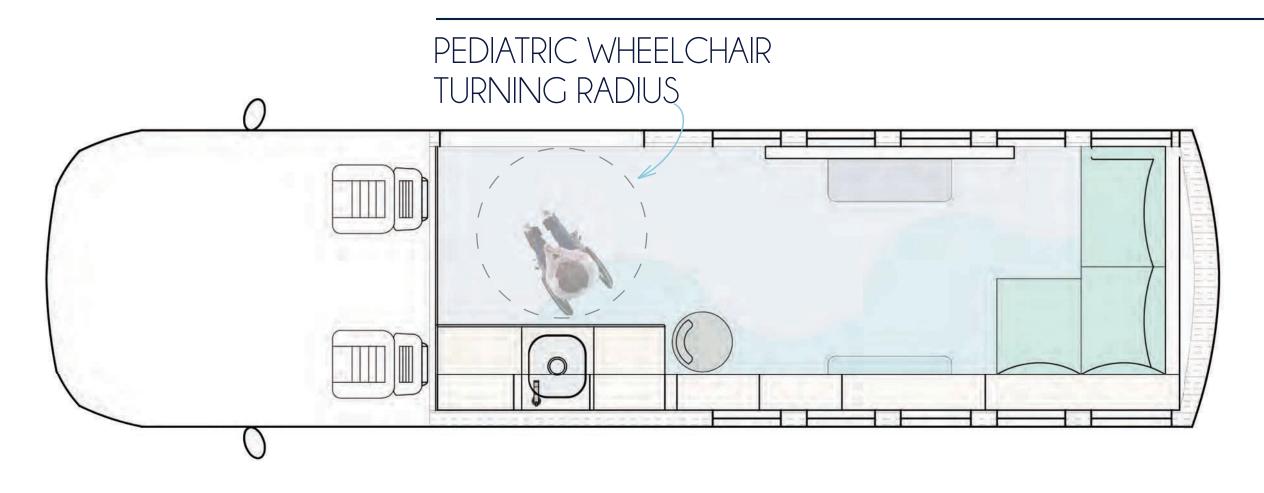


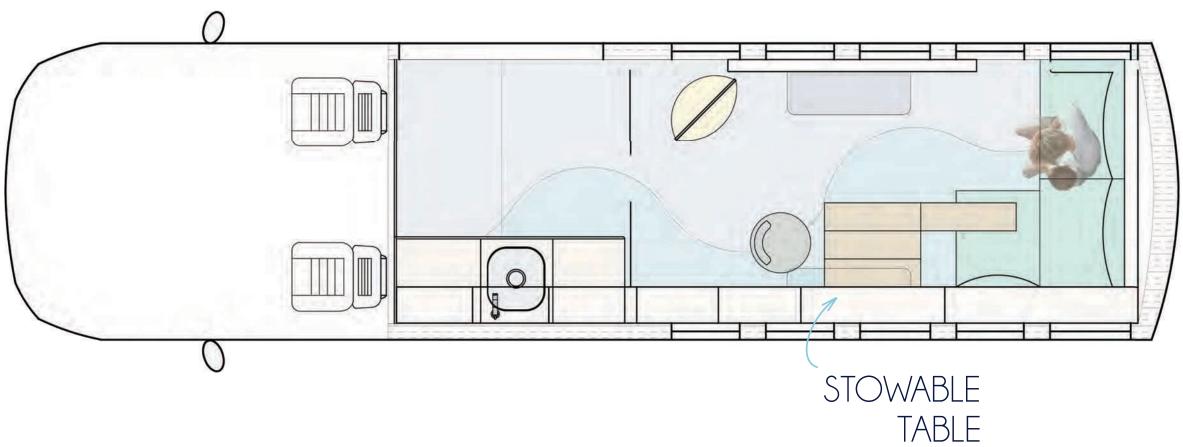
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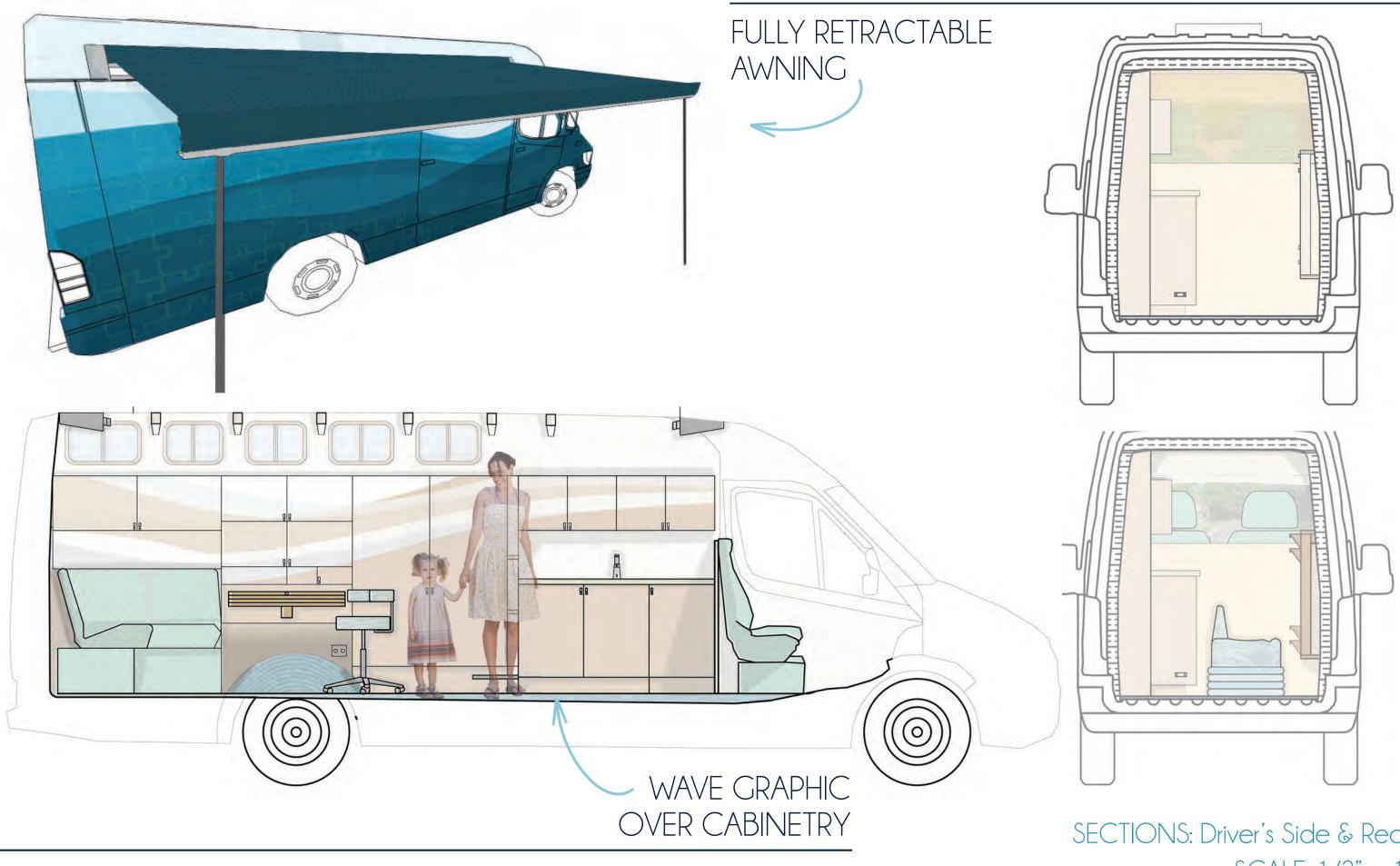
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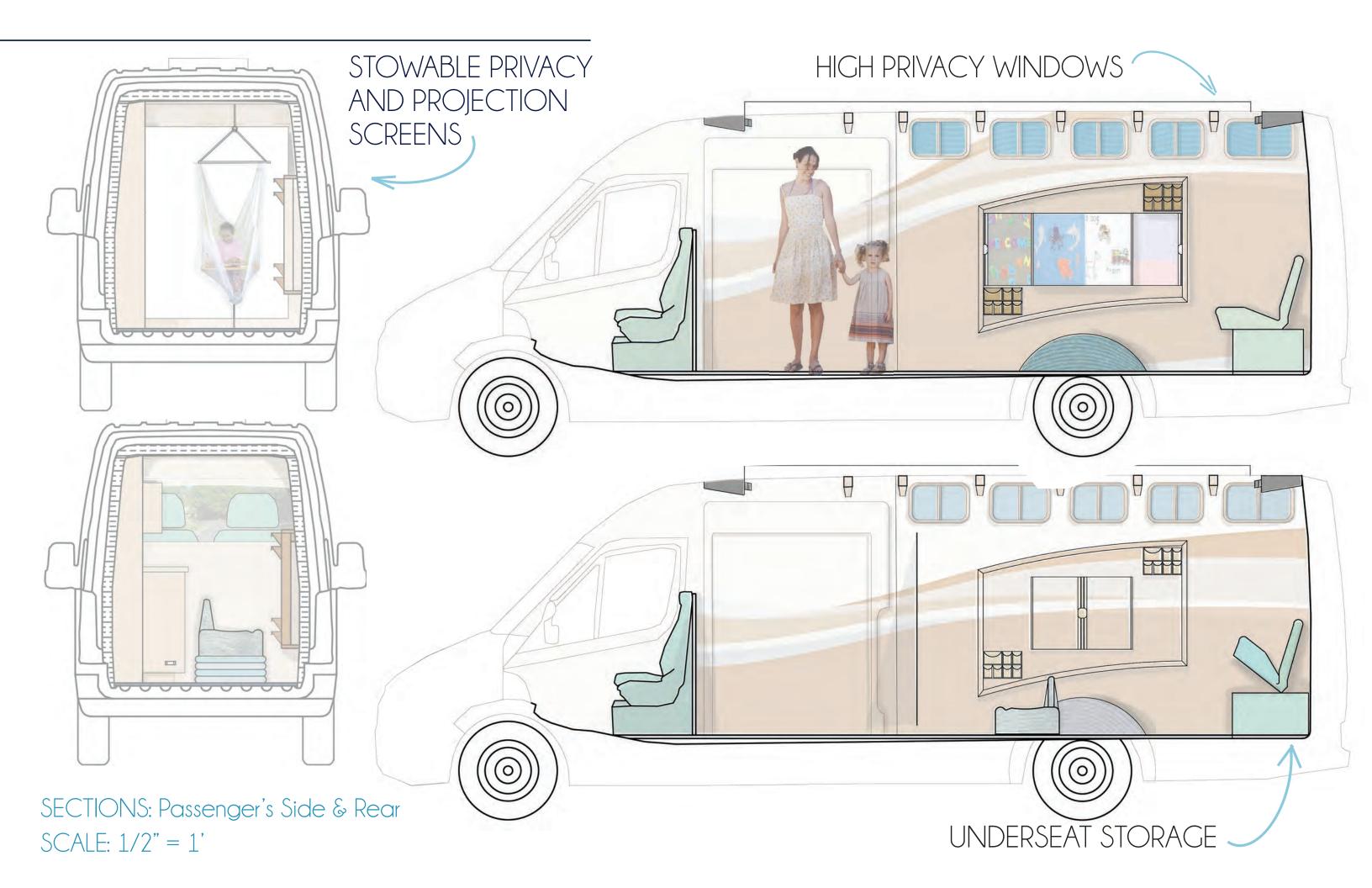


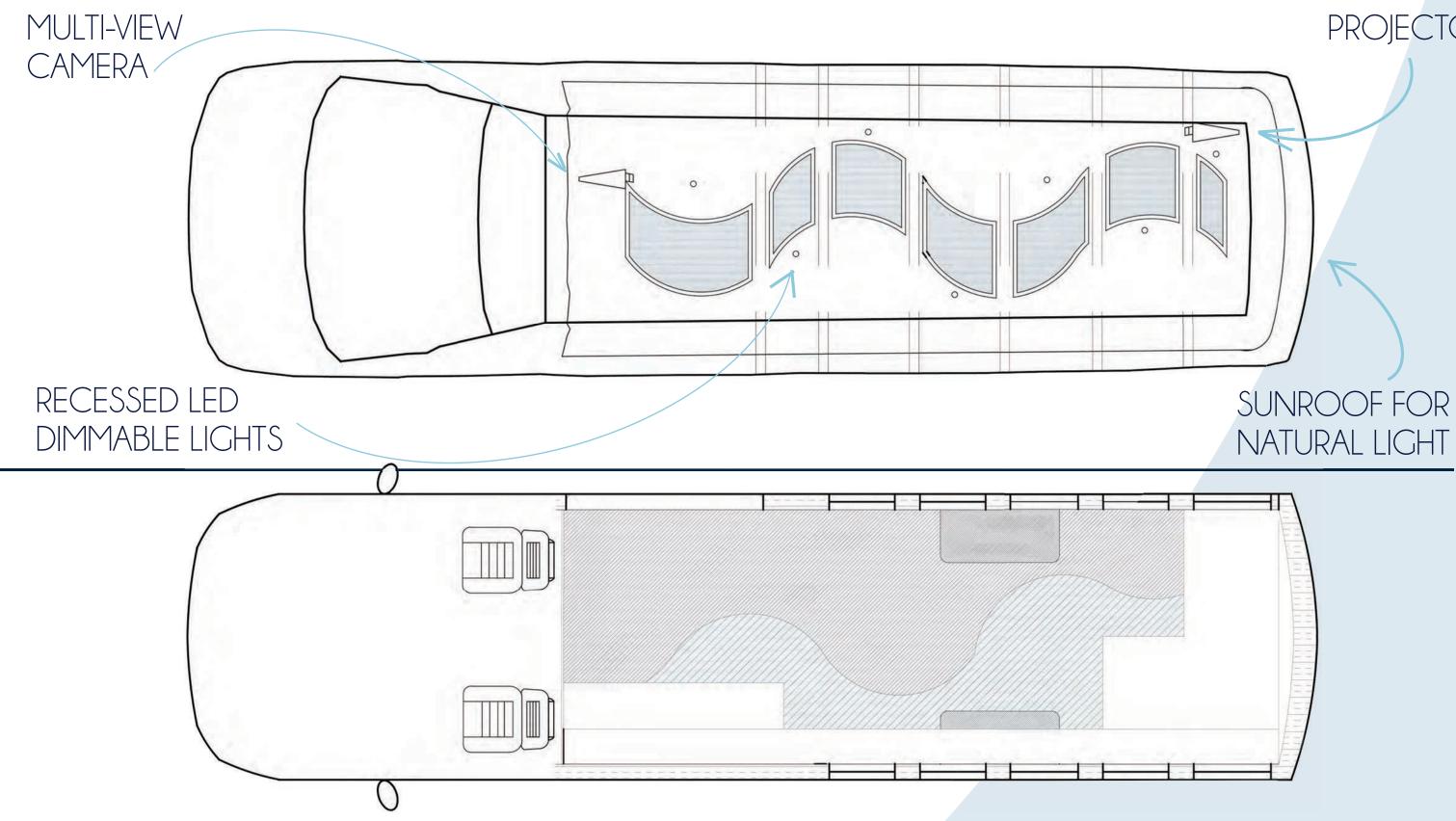


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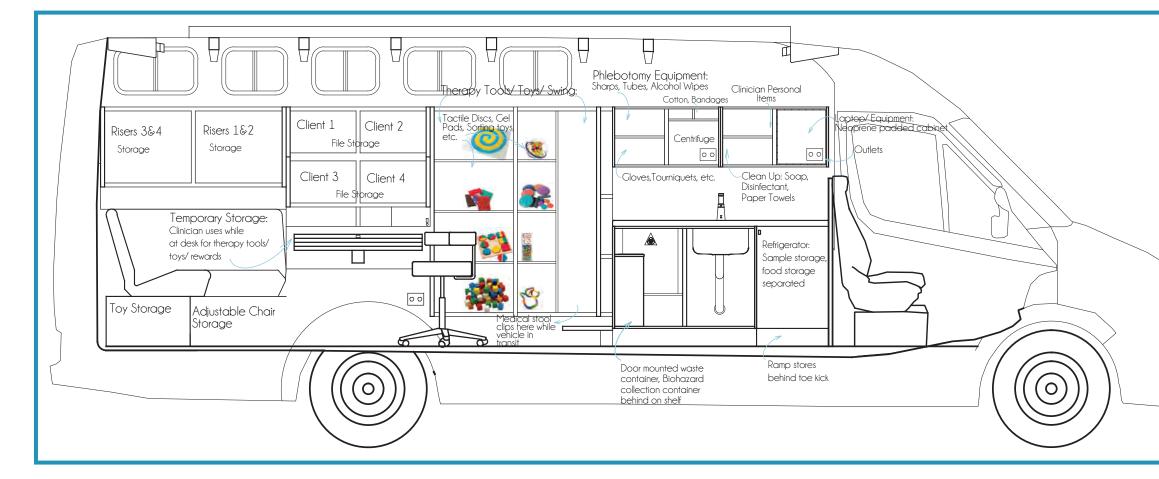
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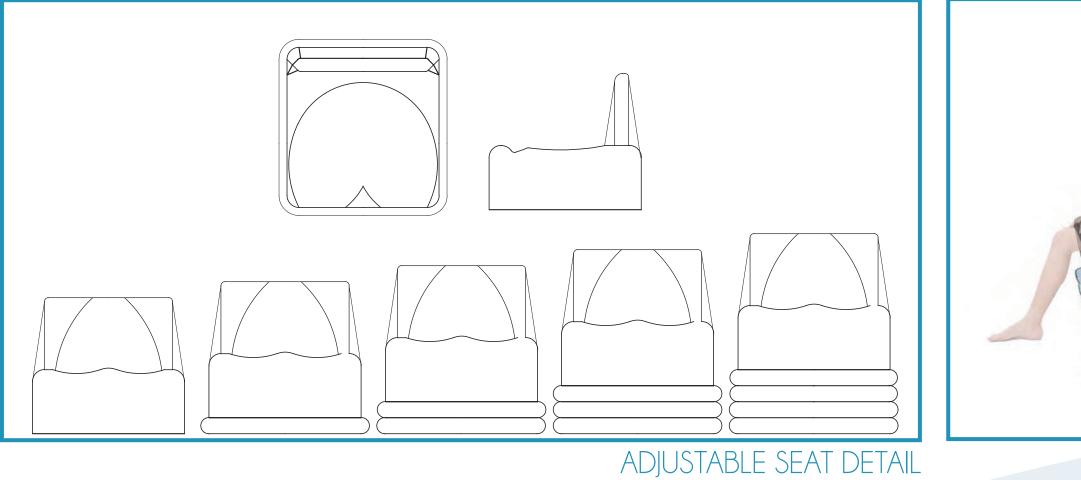




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