



Portable Change Table



Some Background

Why is a Portable Change Table Important?

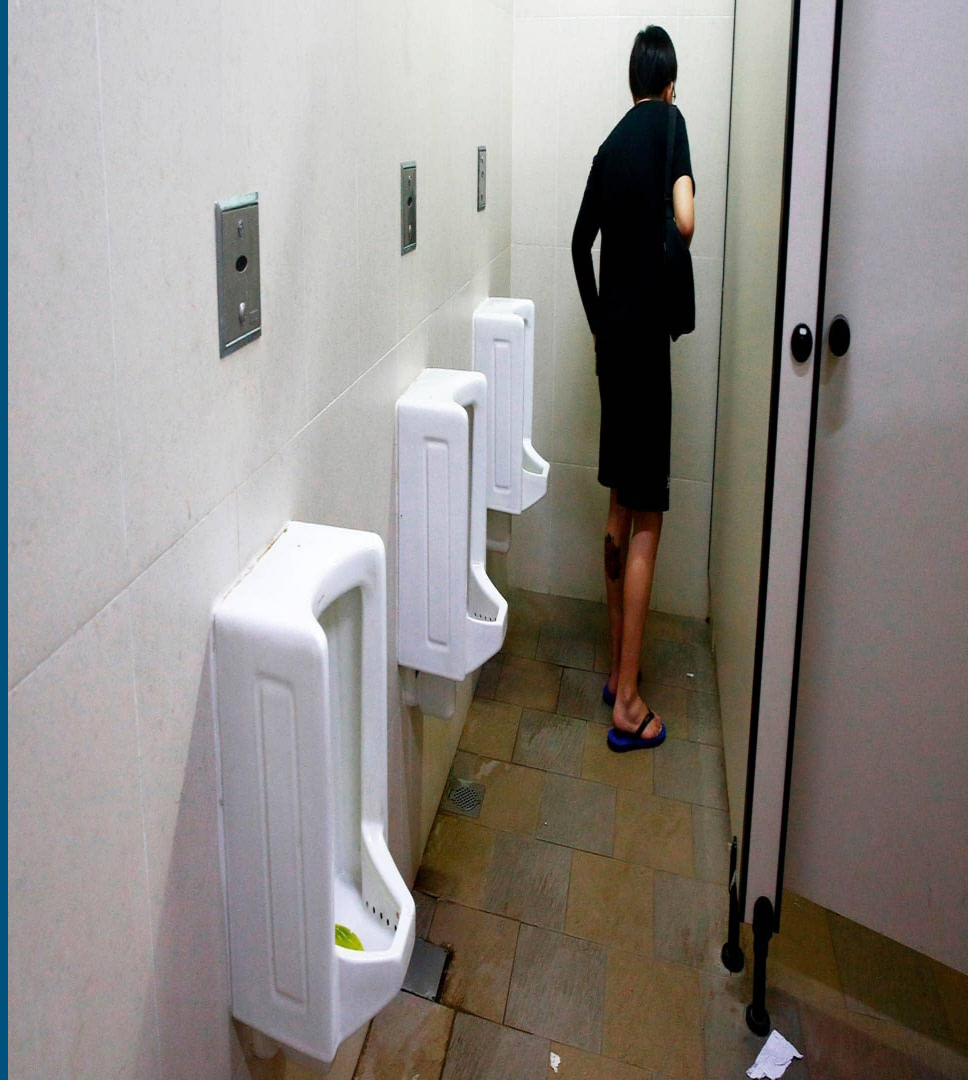
Not every
bathroom has
one of these -->



They usually only
have these -->



Which can lead to
having to change
on one of these -->







60,000

Canadians affected with Cerebral Palsy



There is no other commercially
available solution

Product	Cost To Make	Material Used	Size Availability	Weight	Transportable	Assembly
Armedica Hi-Lo Changing Table 	2330 USD (average price based on size)	Metal with padded side rails	Small: 25"x60" Medium: 25"x72" Large: 30"x76" Ex Wide: 34"x76" Ex Lrg: 40"x76"	450 lbs	Yes	Collapsable (Wheel access)
Rifton Hygiene Support Station 	3270 USD	Metal with rubber padding	46"-86"	250 lbs	Yes	Could be disassembled
Extra Large Portable Folding Comfort 	109.99 CAD	Metal with Polyester	210-72 cm	23.37 lbs	Yes	Collapsable
Smirthwaite Easi-Lift Shower Stretcher - Adjustable Height 67"L 	4,140.00 CAD	Stainless steel w/ vinyl cover	26 1/4" W x 3 1/4" D	440 lbs	No	Wall mounted

These were the closest things we could find

So why is it important?

01 Flexibility

02 Dignity

03 Comfort

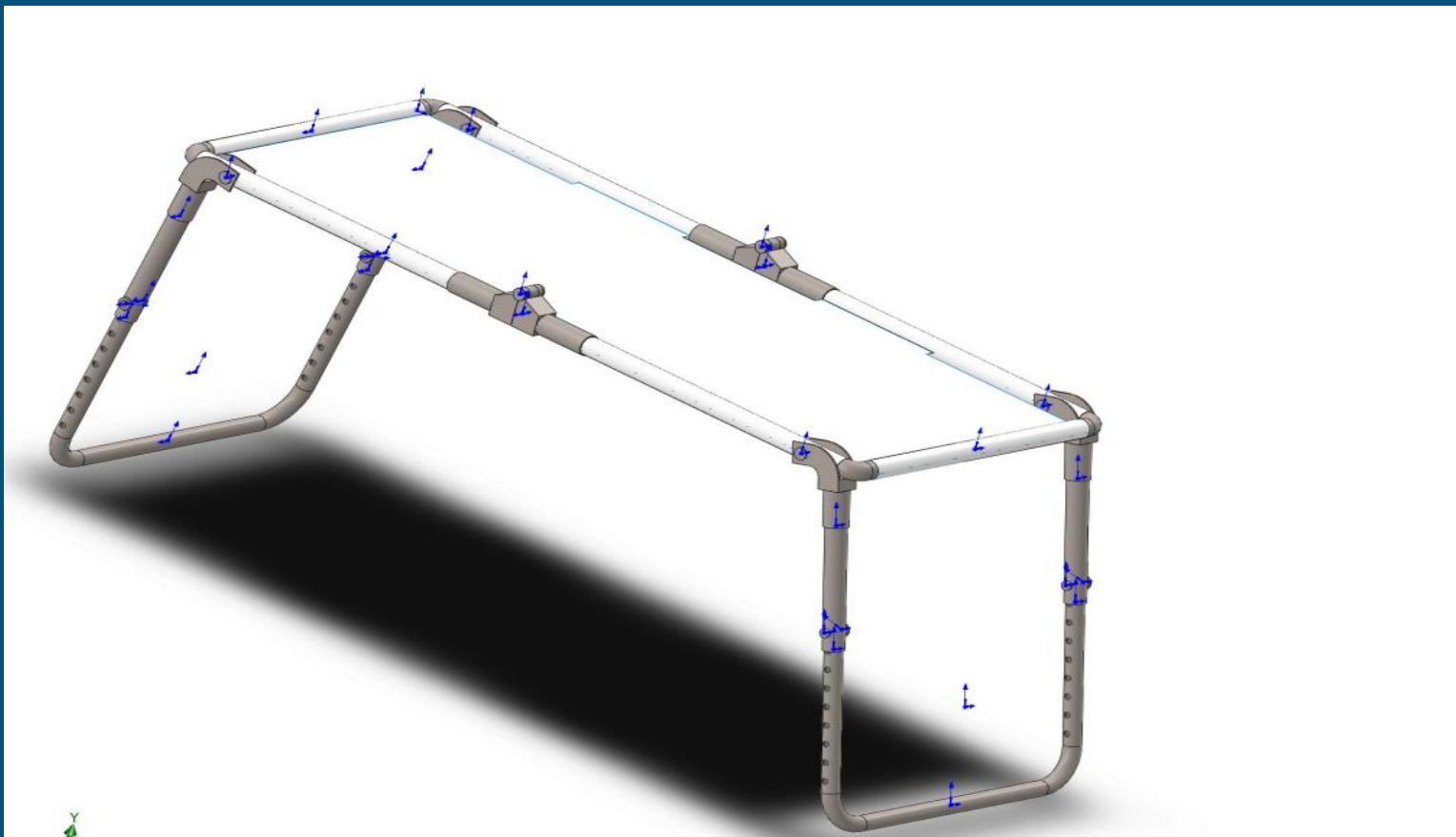
The Solution

Breakdown

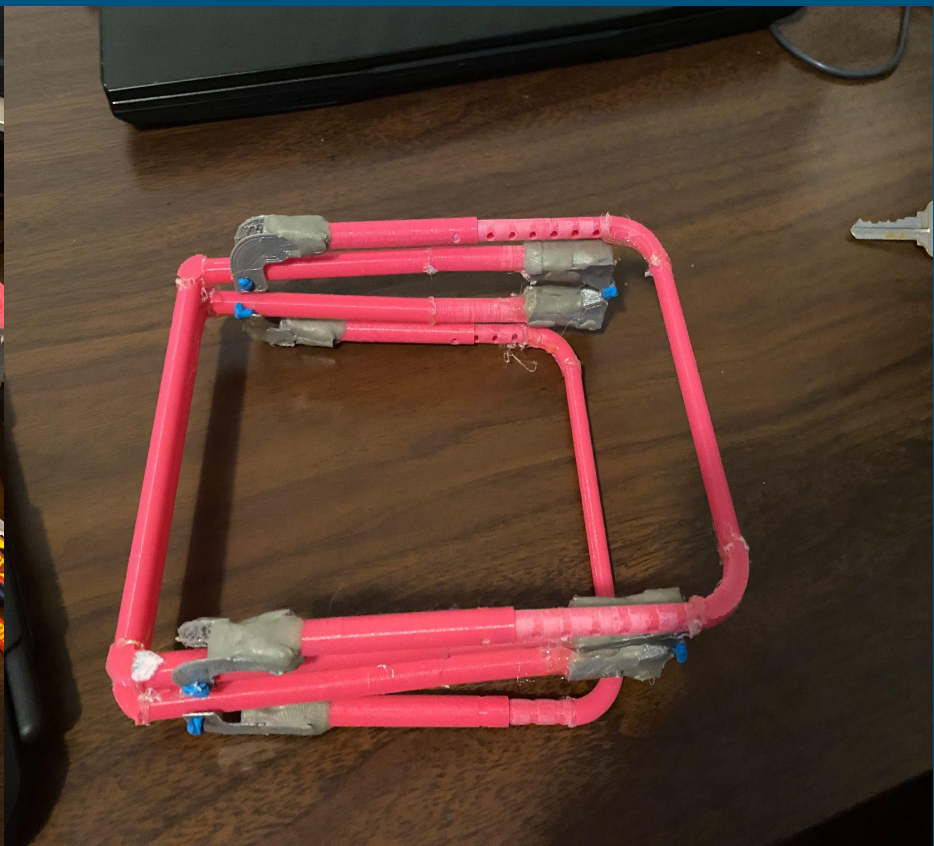
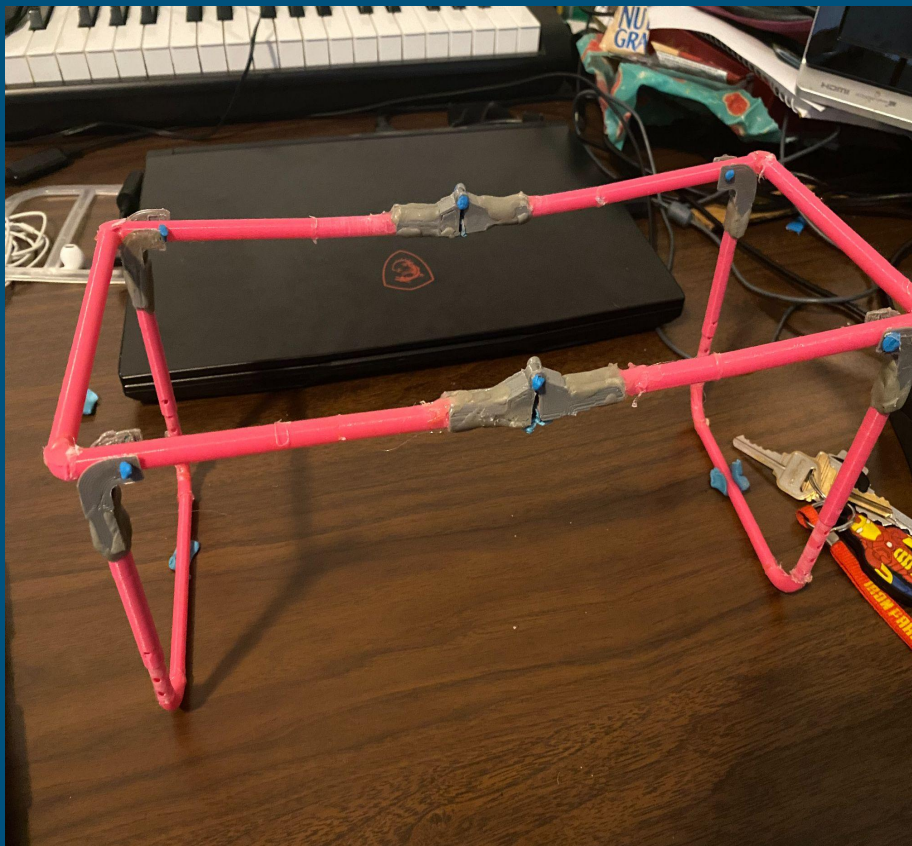
- 01 Changing Table
- 02 For use anywhere
- 03 Compact

Specifics

- Client's brother is 5', 100lbs
- Change table needed to have a range of heights or be at least 24" off ground
- Relatively lightweight
- Have a security belt
- Quick set up time



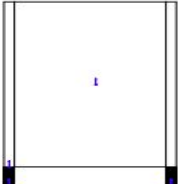
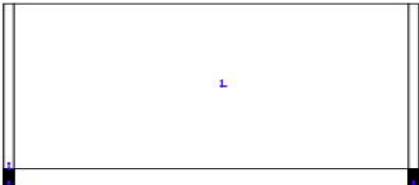
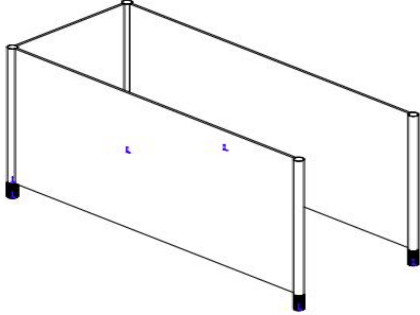
Prototype I



Prototype II



Finally Prototype III

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<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>PROPRIETARY AND CONFIDENTIAL</p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.</p> </div> <div style="width: 30%;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">UNLESS OTHERWISE SPECIFIED:</td> <td style="width: 50%; text-align: center;">NAME</td> <td style="width: 50%; text-align: center;">DATE</td> </tr> <tr> <td style="text-align: center;">DIMENSIONS ARE IN INCHES</td> <td style="text-align: center;">DRAWN</td> <td></td> </tr> <tr> <td style="text-align: center;">TOLERANCES:</td> <td style="text-align: center;">CHECKED</td> <td></td> </tr> <tr> <td style="text-align: center;">FRACTIONAL: $\frac{\text{ }}{\text{ }}$</td> <td style="text-align: center;">ENG APPR.</td> <td></td> </tr> <tr> <td style="text-align: center;">ANGULAR: MACH \pm BEND \pm</td> <td style="text-align: center;">MFG APPR.</td> <td></td> </tr> <tr> <td style="text-align: center;">TWO PLACE DECIMAL: \pm</td> <td style="text-align: center;">Q.A.</td> <td></td> </tr> <tr> <td style="text-align: center;">THREE PLACE DECIMAL: \pm</td> <td style="text-align: center;">COMMENTS:</td> <td></td> </tr> <tr> <td style="text-align: center;">INTERPRET GEOMETRIC TOLERANCING PER:</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">MATERIAL</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">FINISH</td> <td></td> <td></td> </tr> </table> </div> <div style="width: 20%;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">NEXT ASSY</td> <td style="width: 50%; text-align: center;">USED ON</td> </tr> <tr> <td style="text-align: center;">APPLICATION</td> <td style="text-align: center;">DO NOT SCALE DRAWING</td> </tr> </table> </div> </div>		UNLESS OTHERWISE SPECIFIED:	NAME	DATE	DIMENSIONS ARE IN INCHES	DRAWN		TOLERANCES:	CHECKED		FRACTIONAL: $\frac{\text{ }}{\text{ }}$	ENG APPR.		ANGULAR: MACH \pm BEND \pm	MFG APPR.		TWO PLACE DECIMAL: \pm	Q.A.		THREE PLACE DECIMAL: \pm	COMMENTS:		INTERPRET GEOMETRIC TOLERANCING PER:			MATERIAL			FINISH			NEXT ASSY	USED ON	APPLICATION	DO NOT SCALE DRAWING	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="3" style="text-align: center;"><COMPANY NAME></td> </tr> <tr> <td colspan="3" style="text-align: center;">TITLE:</td> </tr> <tr> <td style="text-align: center;">SIZE A</td> <td style="text-align: center;">DWG. NO. TENTD</td> <td style="text-align: center;">REV</td> </tr> <tr> <td colspan="2" style="text-align: center;">SCALE: 1:20</td> <td style="text-align: center;">SHEET 1 OF 1</td> </tr> </table>	<COMPANY NAME>			TITLE:			SIZE A	DWG. NO. TENTD	REV	SCALE: 1:20		SHEET 1 OF 1
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Tent Subsystem



Thank You