

## **Kit List for One (1) Middle Seat Accessible Mobility Device Picnic Table**

**Tabletop:** 5 – 2”x 6” x 10’ PT Boards

**Table Stays:** 4 – 30.25” 2”x 4” PT Boards – cut from one (1) - 2”x 4”x 10 (if 121” long) or one (1) 2”x 4”x 12’ PT Board

**Legs:** 8 – 34.5” 2” x 6” PT Boards with 30 degree cut ends

**Bench Supports:** 8 – 72” 2” x 4” PT Boards - cut from 8 - 2”x 4”x 8’ PT Boards (save the 24+ ” pieces for the angle braces)

**Bench Seats:** 12 – 40” 2” x 4” PT Boards - cut from four (4) - 2”x 4”x 10’ PT Boards

**Angled Braces:** 4 – approximately 20”-24” long 2” x 4” with apposing 45 degree angle cuts (these pieces may be adjusted during the time of assembly) - cut from saved PT Board pieces (24+ ” pieces) from Bench Support Boards

**Below: Visual of Center Access Picnic Table: (note seats are made from 3 - 40” pieces supported by two 72” Bench Supports. Also, angled supports go into the side sitting sections, our design, doesn’t put supports in the middle section to keep it free from obstructions and obstacles to mobility device user’s knees.**



## Cut and Lumber List (and Fasteners) for 1 Middle Seat Mobility Device Picnic Table

**Tabletop:** **5** – 2"x 6" x 10' PT Boards

(Only cut to ensure equal length at 120" long)

**Table Stays:** **4** – 30.25" 2"x 4" PT Boards

Cut 4 30.25" pieces from one - 2" x 4" x 12' **OR** one - - 2" x 4" x 10' if 121" long

**Legs:** **8** – 34.5" 2" x 6" PT Boards with 30 degree cut ends

Cut 8 34.5" pieces from 2 (two) - ( 2" x 6" x 12' boards)

**Bench Supports:** **8** – 72" 2" x 4" PT Boards

Cut 8 - 72" bench supports from **4 (four)** 2" x 4" x 12' if straight and available. (cut 4 in half, basically) **OR**

Cut 8 (eight) - 2" x 4" x 8' Boards to 72" and save the 24" remaining for angled braces (below).

(Ends of the bench supports may be modified at end of picnic table assembly, for a different *look*)

**Bench Seats:** **12** – 40" 2" x 4" PT Boards

Cut 12 - 40" pieces from **4 (four)** - (2" x 4" x 10') boards. 3 per board

**Angled Braces:** **4** – approximately 20-22" long 2" x 4" with apposing 45-degree angle cuts (these pieces may be adjusted during the time of assembly). (See pic example.) Cut from one (1) - 2" x 4" x 8' Boards **OR (\*)**

**\*4** pieces cut from 2" x 4" pieces from the excess of the the 72" bench supports if cut from 8' boards.

**Fasteners:** **GRK R4 9 x 2.5" Multipurpose Screws PP** – other exterior fasteners may also be used such as **HeadLok 2 7/8" Structural Wood Screws**, especially in the leg supports.







Picture 1: Completed Table

### Center Access Picnic Table Assembly Instructions:

#### **STEP 1:** Table top set up for Middle Seat Mobility Device

Picnic Table - Tabletop: **5** – 2"x 6" x 10' PT Boards

Put 5 - 2" x 6" x 10' boards onto saw horses. Square and space ½" apart.

5 - 2" x 6" x 10' boards will be fasten together with 4 – 30.25 inch 2" x 4" table stays.

Boards will be set ½" a part and can be set up atop saw horses.

Two 30.25" Stays will be placed and screwed in 3" from each end.

Two 30.25" stays will be placed and screwed in 36" inside each end stay.

**STEP 2:** Positioning the Table Stays: These are set from each end at:

3" – 36" and 36" – 3"

**STEP 3:** Securing the Table\Leg Stays: Ensure Table\Leg Stays are fastened securely with screws (sink em deep). Screwing up from underneath, or the top side of the table. Table stays should stiffen and put into plane the tabletop.

Table Stays: **4** – 30.25" 2"x 4" PT Boards



Picture 2: Legs being secured to table stays.



**STEP 4: LEGS:** Fasten legs on the inside of each table stay. Measure 15 1/8" (approx.) in from each side to find the middle of the table. Position and fasten 8 Legs as shown. (See picture next page). Legs are on the inside of each table stay. Drive about 5 screws per leg (or use the **HeadLok 2 7/8" Structural Wood Screws**). Try not to drive screws through to stick out other side. Make sure legs feel sturdy and stable. Use a 6' level to ensure the bottom of the legs are in the same plane. Legs: **8** – 34.5" 2" x 6" PT Boards with 30 degree cut ends



Picture 3: 8 Legs Secured and Centered

(picture 3) This is what the legs should look like at the end of STEP 4.

**STEP 5: SECURE Bench Supports:**

- Measure 12" from the bottom of the tabletop.
  - Mark, level and center 6' or 72" bench supports and secure 2 supports per leg snugly with screws. (see pictures 4 and 5)
  - Use your levels to try to fasten and level supports through the middle and from side to side.
- 8** – 72" 2" x 4" PT Boards



Picture 4 and 5: Bench Supports levelled and fastened





#### **STEP 6: POSITION 4 ANGLED BRACES:**

**4** – approx. 20-22" long 2" x 4" with apposing 45-degree angle cuts (these pieces may be adjusted during the time of assembly).

- a. Position each angled brace approx. in the middle of each side of the sitting compartments. Try to make each side of the brace flush to its surface.
- b. Secure each end with screws. Be careful not to screw through to expose screw ends on the top surface of the table.
- c. Once angle braces are secure. Lower and flip table on its legs. (See angled braces below).



Picture 6: Angled Braces in center of each sitting compartment



Picture 7: Bench Supports being centered, spaced, and secured.

## **STEP 7: BENCH SEATS POSITION AND SECURE**

### **12 – 40" 2" x 4" PT Boards**

- a. Position three 40" boards per seat location.
- b. Ensure that there is no overlap in the center section.
- c. Space boards ½" apart
- d. See picture 1 to compare what you've assembled to your masterpiece. We hope you feel like having a picnic under the sun, that you're done, and I hope you had fun.

## **TOOLS LIST:**

**Sliding Compound Chop\Miter Saw (for 45-degree and 30-degree cuts)**

**Measuring Tape(s)**

**Hammer Drill(s) with bits for fasteners.**

**Battery Drill with drill bits in case you want to pre-drill holes for fasteners.**

**2 Sawhorses**

**6 ' level**

**3' level**

**(Nice to have but not necessary)**

**Clamps to hold legs and bench supports in place.**

**Hammer to knock, nudge and level boards.**

**Teams of volunteers with great attitudes!**

