

Wheel Chair Enabled Raised Bed for Square Foot Gardening

Materials

Qty	Size	Length	Type	Cut List	Assignment
2	2" x 6"	8'	Cedar	2 pcs ea 5' 6" & 2' 6" Long	Box
2	4" x 4"	8'	Hem/Fir	4 pcs ea 36 3/4" Long	Legs
1	3/4"	4' x 8'	AC Ext Ply	1 pc 5' 6" by 2' 9"	Bottom
Hardware					
12	5/16"	4"	Coach Bolts Galv with washers & nuts		Legs
12	#8	3"	Deck Screws		Box
60	#8	1 5/8"	Deck Scres		Bottom

Assembly Directions

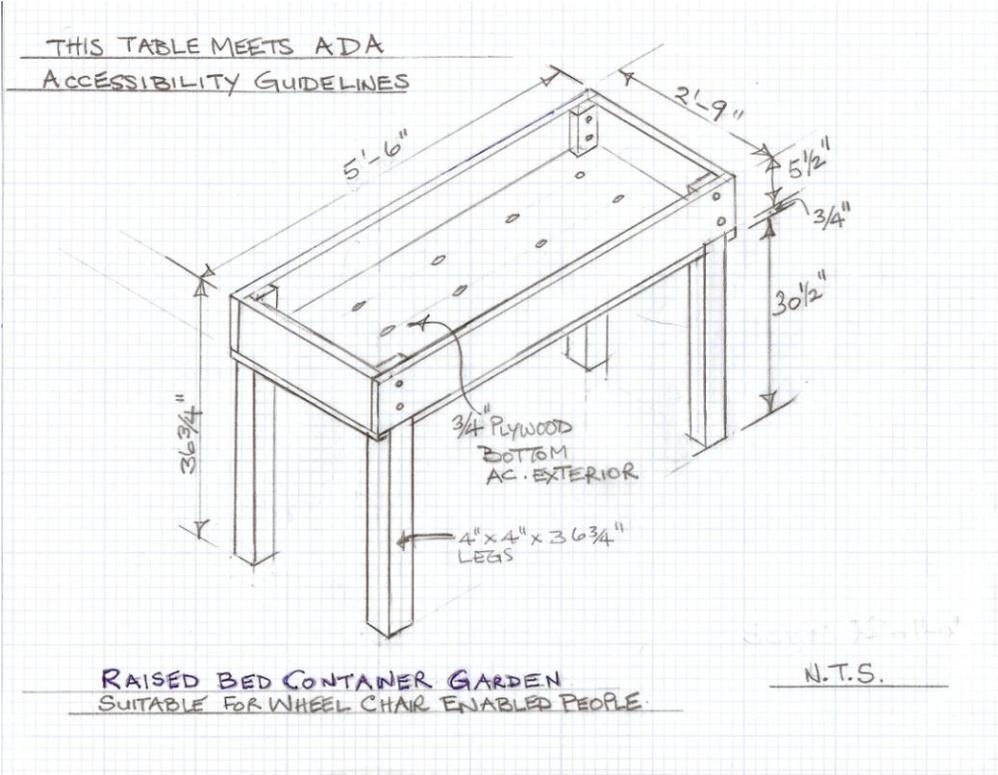
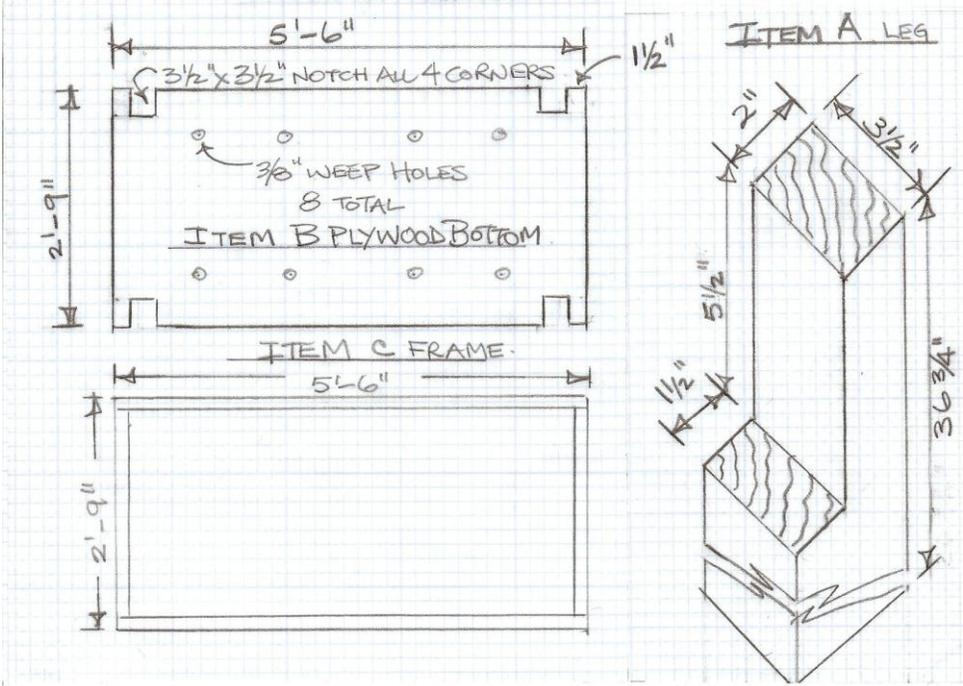
1. Drill 3 holes with a 1/8" drill bit at both ends of the 5' 6" box sides per diagram "C" and assemble using 3" deck screws.
2. Notch out all 4 comers of the plywood bottom per diagram "B" and fix to the bottom of the box frame using the #8 1 5/8" screws applying them at 3" on center.
3. Notch out one end of all four legs per diagram "A". Fix the legs to the inside of the box pre-drilling 3 holes; use a 3/8" bit to attach the legs.
4. Using the same 3/8" drill bit, drill 8 holes in the bottom of the plywood per diagram "B" (essential for good drainage).
5. Cut a piece of weed blocking material to fit the bottom of the box, this helps prevent the loss of soil from washing through the drainage holes.
6. Recommend using a soilless growing medium in the box, this helps reduce the weight of the garden box. When filled with a soilless mixture, this box will weigh approximately 410 lbs and approximately 649 lbs if filled with regular garden soil (weights are calculated using wet soil). If it is to be placed on a wooden deck, the garden box will have virtually no weeds!

Additional Notes

- Almost all of the materials can be cut by your favorite Supply Center. However you will have to do your own notching and any drilling.
- Average cost to build the garden box is about \$78 using cedar for the box sides and \$57 if using Hemlock or Fir.
- Degree of difficulty from one to ten is about three and a half for this project.



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Prepared by WSU-Pierce County Master Gardener Bill Rigby
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