



ADA Picnic Tables & ADA Garden Plots



By Joelsaac Pinales from Troop 3377





What I am doing

My project is for the Kyle parks department Kyle, TX. I plan to build 4 ADA Garden plots and 4 ADA picnic benches. This would also benefit the Kyle community and the surrounding community. Currently the park doesn't have ADA picnic tables with ADA Garden plots. The purpose of the project is to ensure that people in wheelchairs can have the opportunity to enjoy the benefits of gardening.





How I am doing it

- Request donation from local vendors and construction companies.
- Recruit volunteers from Troop 3377, Ship 1492, my family, and friends to volunteer their time to come out help construct the ADA Garden plots and ADA picnic benches.





Materials

Prep

- (1) 2x4x8ftboards
- (2) 2x4x10ftboards
- (2) 2x6x8ftboards
- (9) 2X6X12ftboards

Build

- (4) 2x6x72" pieces
- (2) 2x6x65.75" trapezoids
- (4) 2x6x39.25" parallelograms
- (3) 2x4x34.25" trapezoids
- (2) 2x4x32" parallelograms
- (6) 2x6x8ft boards
- 1lb 2 .5" deck screws
- (16) 3/8"x3.25" galvanized carriage bolts
- (16) 3/8" galvanized washers
- (16) 3/8" galvanized nuts





Supplies

- **Gloves quantity of 5 boxes different sizes**
- **Dust mask quantity up to 5 boxes**
- **Trash bins quantity up to 2 boxes**
- **Large trash bags**
- **Measuring Tape**
- **Safety goggles**
- **Water coolers**
- **Snacks**





Time Frame

- Once approved, I plan to start the project by **Summer of 2023**
- I plan to complete the project by **Fall of 2023**





Tools

- **Milter saw**
- **Tape measure**
- **Carpenter's square**
- **Pencil**
- **Drills**
- **Screwdriver bit**
- **Level 9/16 socket with ratchet**
- **Level 9/16 open-ended wrench**
- **Level 3/8 drill bit**





Estimated Cost

- **Materials \$6,000**
- **Supplies \$1000**
- **Tools \$500**
- **Total Costs \$7,500**





All volunteer workers will wear eye protection when required. Hearing protection will be provided if we use loud power tools. First aid kit will be onsite at all times. Closed toe footwear, long sleeve shirts, and pants will be required for all volunteers. Volunteer workers need to use gloves at all times. Central Texas weather can change quickly. So I will monitor the weather daily. I will post signs and go over the symptoms of heatstroke, heat exhaustion, and frostbite. Since we are working in a wooded area, I will look at the area to see if there is poison ivy or oak. I will mark the area, so no one touches it. I will go over the SAFE Project Tool Use provided by the BSA and post on site.





Logistics of Materials, Supplies, Tools, and Helpers

- From transporting of materials, supplies, and tools I will have leaders from the Troop and Ship to assist with this.



