TE-22400   TERMINAL BASIC ASSEMBLY

Description: This is a simple TERMINAL design that features a shortened length to save room and cost for teams.
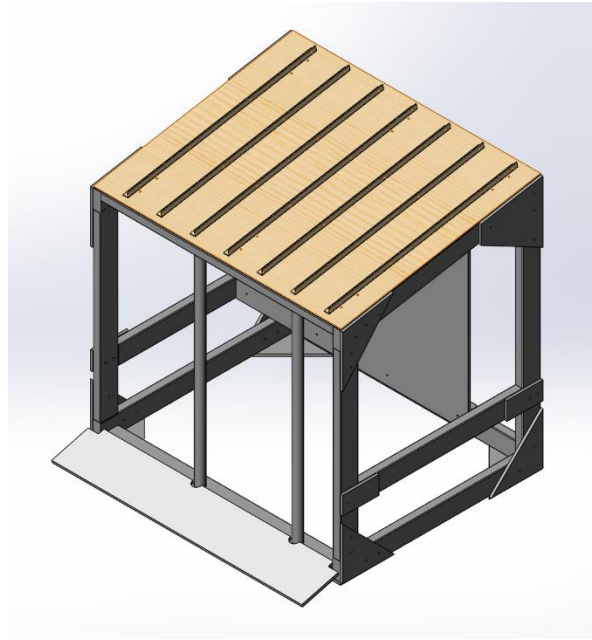
FILES INCLUDED

In this compressed folder, you will find all the Drawings, CAD Files, and STEP Files for this design.

Drawings: For your convenience, all drawing files have been exported to PDF Format. Each major field assembly will have both assembly drawings and component drawings.

CAD Files: All SOLIDWORKS files required to build or modify the assembly.

STEP Files: STEP files of the assembly are included for the convenience of non-SOLIDWORKS users.

SHOPPING LIST

Shopping List:

Plywood and Lumber

- 4' x 8' x 1/4" Thick Plywood – 1/2 Sheet
- 4' x 8' x 1/2" Thick Plywood – 1 Sheets
- 2" x 4" x 8' Long Lumber – 9 Pieces
- 1-1/8" x 1-1/8" x 37" Long Outside Corner Moulding. It should be 1/8"- 3/16" thick – 7 pieces (about 22 feet)

Hardware

- #8 Wood Screw x 1.5" Long – approximately 1 lb.
- #8 Wood Screw x 2.5" Long – approximately 1/4 lb.
- ¼-20 x 2.5" Long Hex Head Bolts – 48 pieces*
- ¼-20 Wing Nuts – 48 Pieces*
- ¼" Flat Washer – 48 Pieces*

*Please note that ¼-20 hardware is only used if you want to easily disassemble for storage. Use 1.5 in. wood screws as a substitute. The 1 lb. box should still be enough to complete the whole assembly.

Other

- 1-1/4" x 8' Long Black Iron Pipe – 1 Piece
- 1-11/16" Spade Bit, Forstner Bit or Hole Saw (1-3/4" can be substituted but will leave a much looser fit and the bar will sit slightly lower than normal)

Notes about materials

- Plywood and Hardboard Sheets – quality of plywood is up to the user. Plywood of lower qualities may contain voids and may warp more than high quality plywood. All dimensions listed are "nominal". For example, ½" plywood is typically 15/32".

- Lumber - quality of lumber is up to the user. Please keep in mind that lumber of lower qualities may warp more than high quality lumber. All dimensions below are the "mill cut" dimensions. For example, 2" x 4" lumber is really 1½" x 3½".