Building A Simple And Inexpensive Greenhouse

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Dry fit the pieces with the crosses and the tees on the ends.
Clean joints before gluing
Insert the EMT inside the mid-rib before gluing the last Tee.
Glue the veins to the mid rib
Attach the ends of the vein to the 2x6 base
It is easier to make all the attachments when the structure is laying flat.
Raise the midrib above your head
The structure will now stand on its own.
Attach the end pieces
Use a 2x4 as seen here to straighten the base then fasten the end pieces.
Fasten the frame for the door
Attach the frame for the window
Attach the supports for the door and window frames
A 28ft length of plastic will cover the entire structure
Staple the plastic to the base, the door frame and supports
Materials List

- 20 ¾ inch PVC schedule 80, 10 ft long
- 6 ¾ inch PVC crosses
- 2 ¾ inch PVC Tees
- 32 ¾ inch electric metallic tubing (EMT) straps
- 2 ½ inch x 10 ft EMT
- 2 2 x 6 x 14 ft Pressure Treated (PT)
- 2 2 x 6 x 12 ft (PT)
- 7 2 x 4 x 8 ft (PT)
- 1 2 x 4 x 6 ft (PT)
- 3 1 x 4 x 6 ft (PT)
- 2 Sets of door hinges
- 1 roll Clear plastic 24’x 20’, 6 mil
- 1 Can PVC cleaner
- 1 Can PVC glue
- Misc: Nails, Screws, and Staples
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