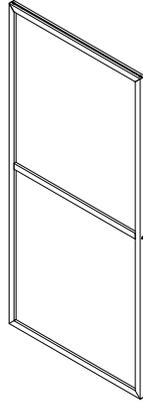
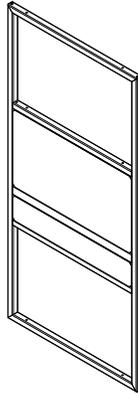


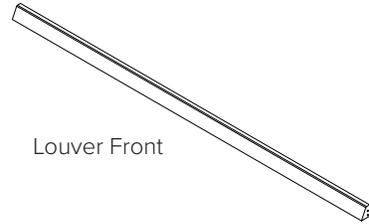
Wire Mesh Panel



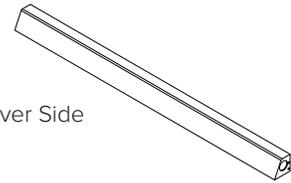
Polycarbonate Panel



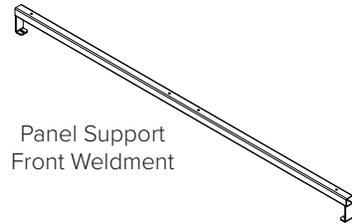
Door



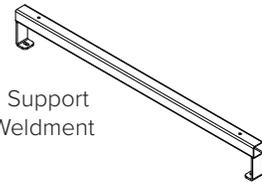
Louver Front



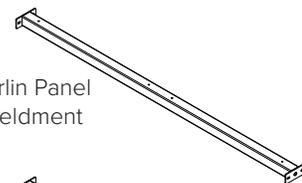
Louver Side



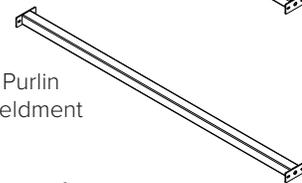
Panel Support
Front Weldment



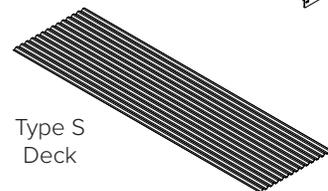
Panel Support
Side Weldment



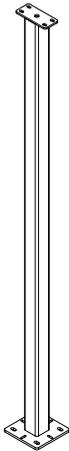
Purlin Panel
Weldment



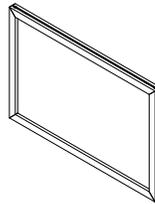
Purlin
Weldment



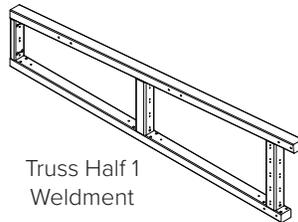
Type S
Deck



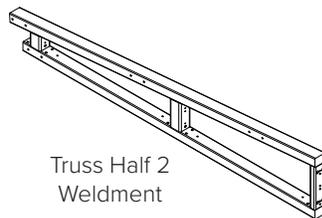
Upright
Weldment



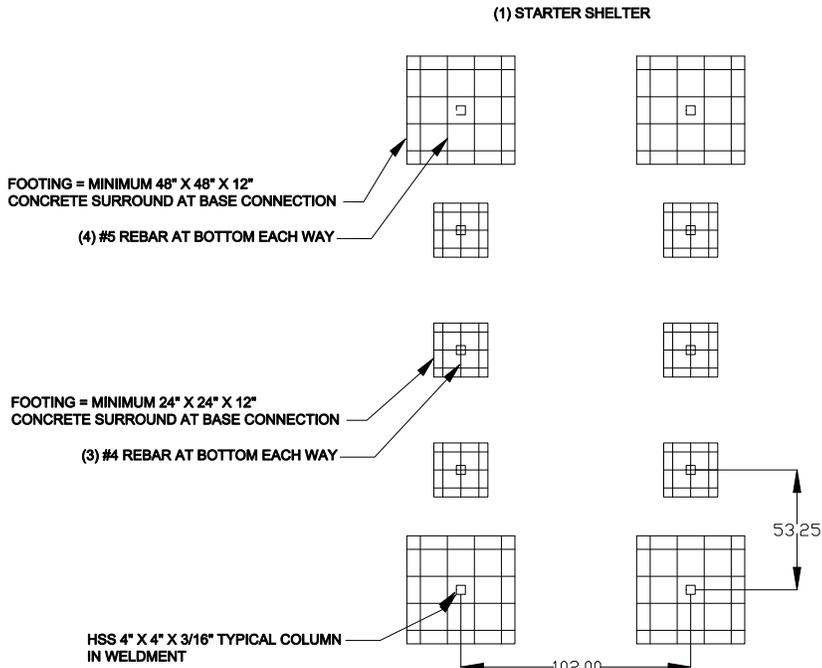
Door Polycarbonate
Panel



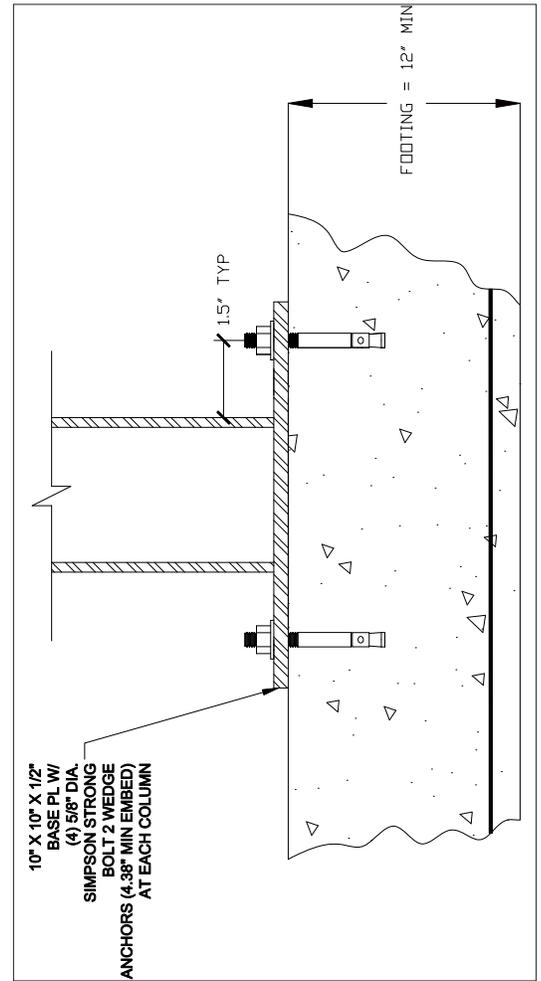
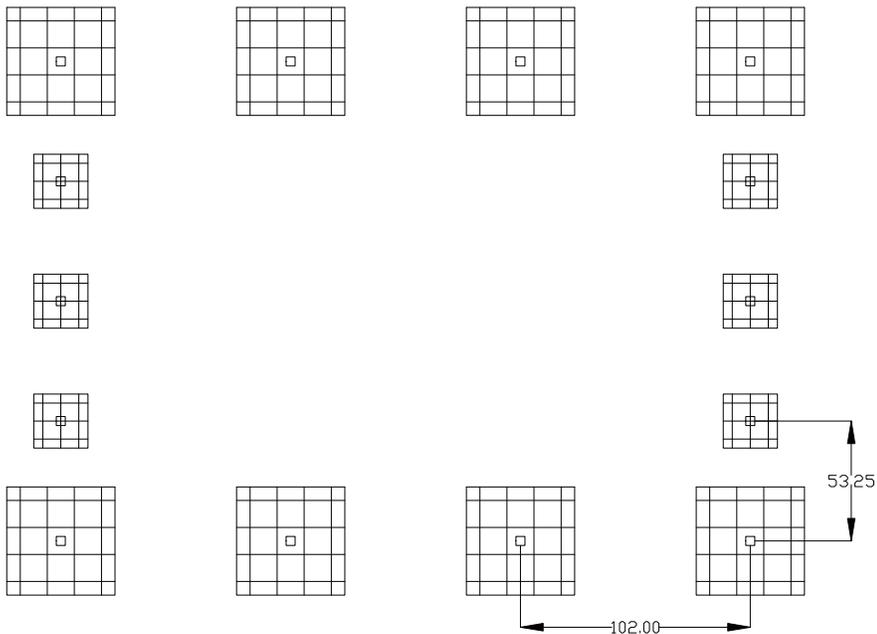
Truss Half 1
Weldment



Truss Half 2
Weldment



EXAMPLE
(1) STARTER SHELTER
(2) ADD-ON SHELTERS

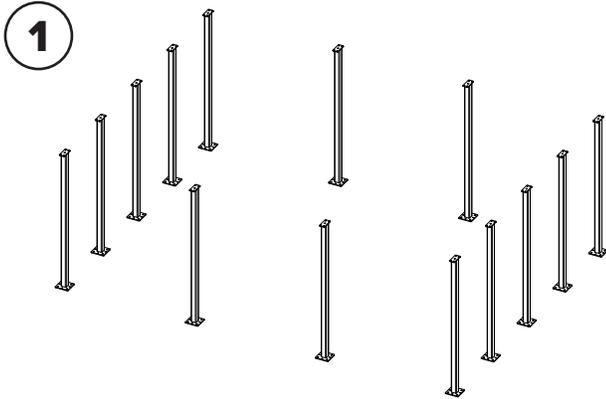




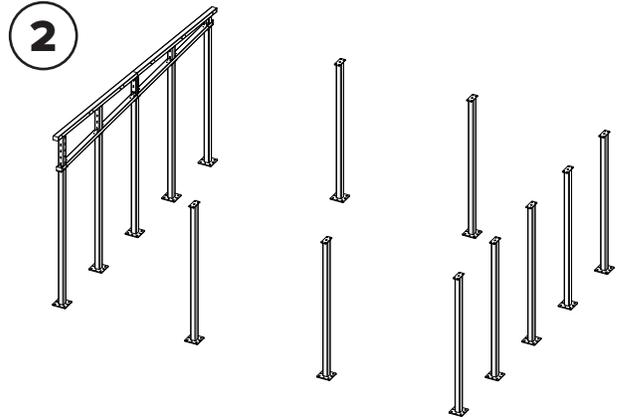
TOOLS NEEDED

Hammer Drill
 Masonry Bits: 3/8", 5/8"
 Large Hammer
 Level
 Chalk Line
 Tape Measure
 Tall Ladder
 Material Lift or Forklift

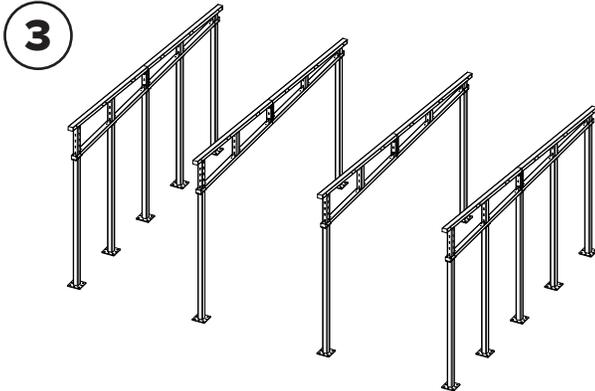
Wrenches: 7/16", 1/2", 9/16", 3/4", 15/16", 1 1/8", 13mm
 Socket Wrench with Sockets: 7/16", 1/2", 9/16", 3/4",
 15/16", 1 1/8"
 Spud Wrench
 Drill
 Drill Bit 7/32"
 Drive Socket 5/16"
 Driver Torx T30



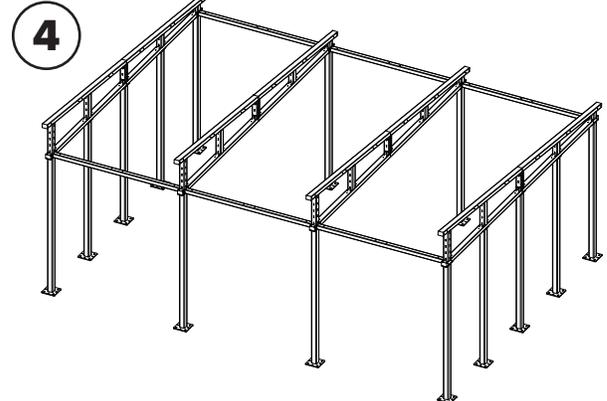
1 Place uprights on concrete pad over footings (see footing drawing). Confirm all uprights are properly spaced and square. Using the upright foot as a template, drill (4) 5/8" diameter x 6" holes at each upright. Install wedge anchors with nuts finger-tight. See shelter assembly drawing for specific upright placement locations.



2 Lift both truss halves into place and fasten to uprights with (4) 1/2" x 4.5" bolts, (4) lock washers, and (4) nuts at each upright. Leave finger-tight. Fasten truss halves to each other with (4) 3/4" x 5.5" bolts, (8) lock washers, and (4) nuts each. Fully tighten.

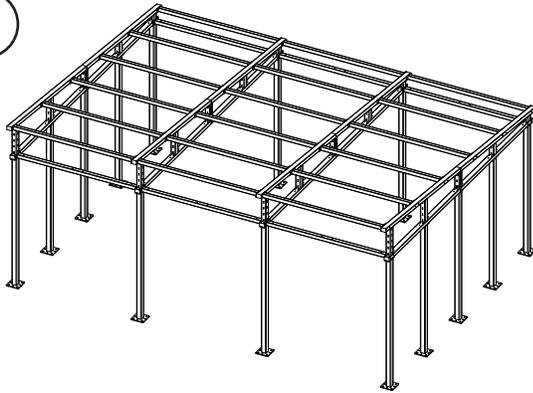


3 Install the remaining trusses. For middle trusses, fasten truss halves to each other before lifting.

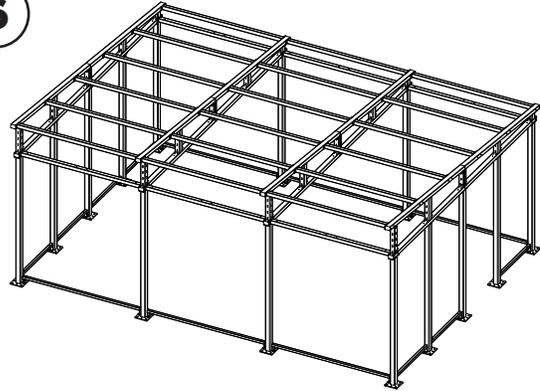


4 For shelters with side panels, install the purlins for panels (these are the same as the other purlins but with (4) holes through the tube) with (4) 3/8" x 5.5" bolts, (4) washers, (4) lock washers, and (4) nuts each. Leave finger-tight.

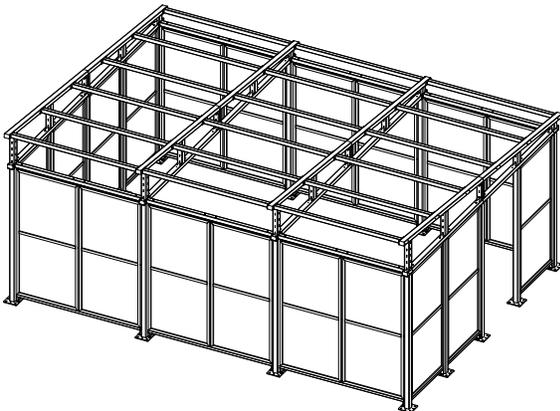
For shelters without side panels, these purlins are the same as all other purlins.

5


Install the purlins with (4) 3/8" x 5.5" bolts, (4) washers, (4) lock washers, and (4) nuts each. Fully tighten all purlins.

6


For shelters with side panels, install the front and side panel supports between every upright, except where the door will be installed. Align slots in the panel support with the slots in the upright, drill 3/8" diameter holes, and fasten with 3/8" wedge anchors with nuts finger-tight.

7


For polycarbonate panels, install the panels with (4) 8mm bolts and (4) lock washers. (2) 130mm bolts on top and (2) 65mm bolts on the bottom. The bolts will be received by square nuts that slide into the panel grooves. The gap on top of the panel will be filled with (2) 1.25" aluminum spacers and several washers if needed. The uprights and panel supports may be slightly moved in order to get the panels as square as possible.

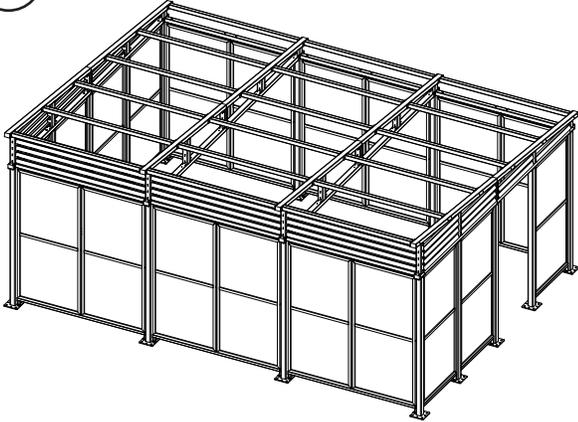
For wire mesh panels, install the panels with (4) 5/16" bolts and (4) lock washers. (2) 5.5" bolts on top and (2) 3" bolts on the bottom. The bolts will be received by rivet nuts in the panels. The gap on top of the panel will be filled with (2) 1.25" aluminum spacers and several washers if needed.

8

Once all the panels are properly placed, tighten all the upright anchors and bolts attaching the trusses.

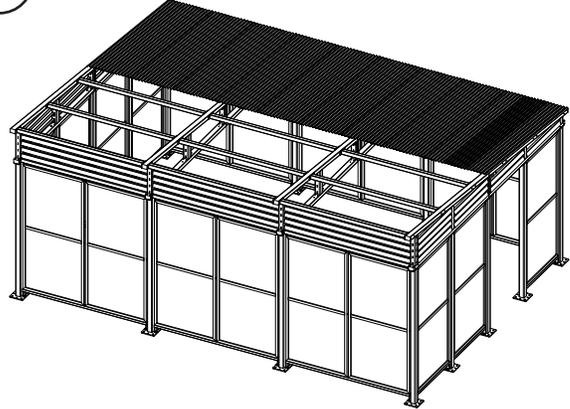


9



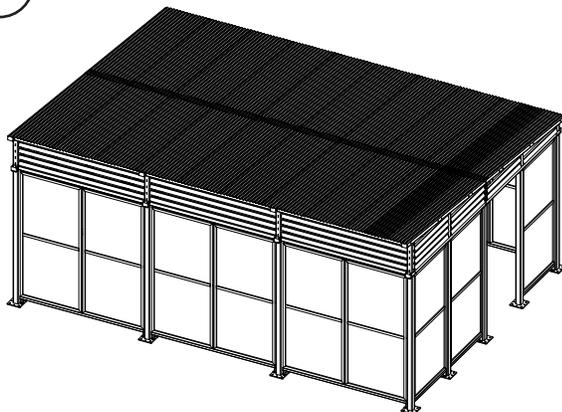
Install front and side louvers with (4) $\frac{1}{4}$ " x 5" bolts, (4) washers, (4) lock washers, and (4) nuts. Tighten all.

10



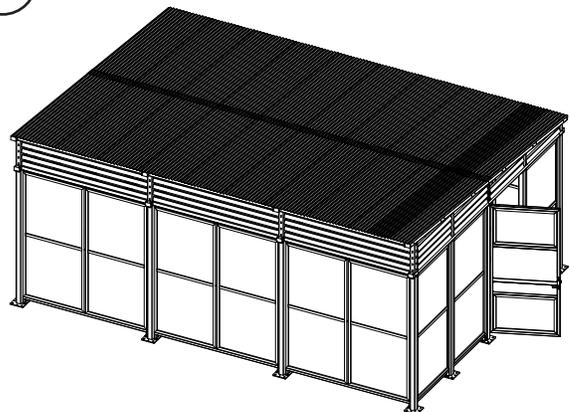
Place the first row of type S decks and fasten with (6) self-drilling screws each to the purlins and trusses. Each deck will provide 30" of coverage; the last deck will overlap more.

11



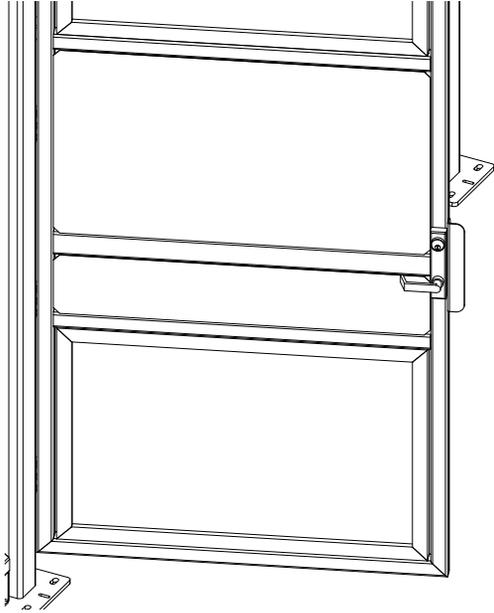
Place the second row of type S decks and fasten with (6) self-drilling screws each.

12



Attach door with (4) hinges and (8) $\frac{1}{4}$ " x 1" thread-cutting screws each. A $\frac{7}{32}$ " pilot hole will need to be drilled for each thread-cutting screw. Lubricate each thread-cutting screw before installing. The door bottom should be 4.5" off the ground and the door front should be flush with the uprights. See individual product instructions to install door trim, crash bar, door closer.

13



Install strike guard with (4) self-drilling screws. Door should close just enough to allow the latch to engage the strike.

14

See shelter assembly drawing for specific bike rack placement locations.