Specifications:
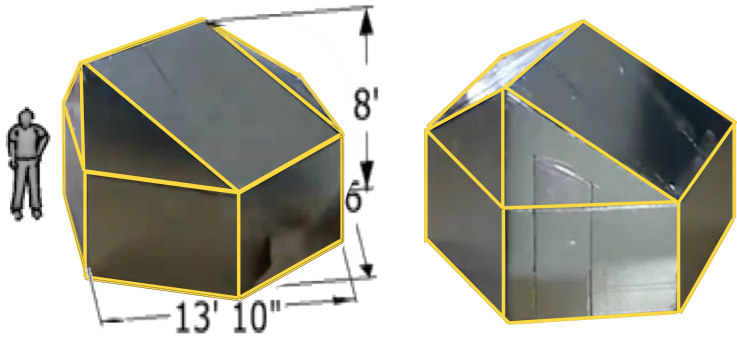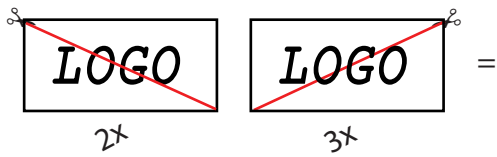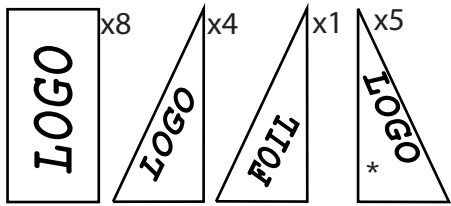-8' Hexayurt, plus one "gable"
-166 square feet
-13 sheets of 4' x 8' rigid insulation, at least 1" thick
-_____ feet of 3" tape
-_____ feet of 6" tape
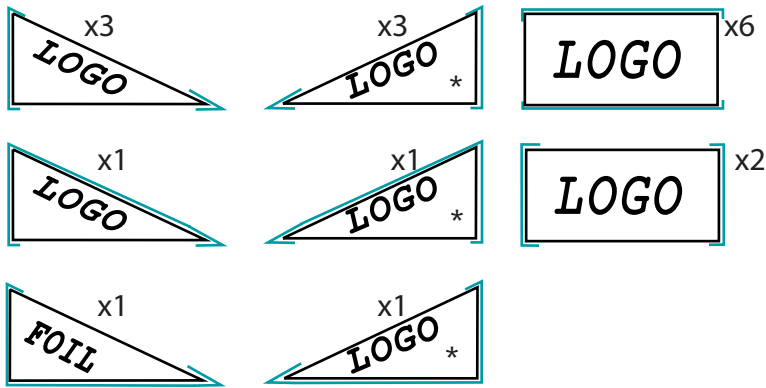-2 people for 95% of the work
-Ships in 4' x 8' stack

8'
6'
13' 10"

A good place for a door, more standing room, just 1 more panel than 8' hexayurt

LOGO 2x   LOGO 3x   =

Cut the panels diagonally in half with the logo face looking up. Most hexayurts ensure that the panels are cut so that all the logos face insiide. This design cannot, unless you produce two H13s at the same time.
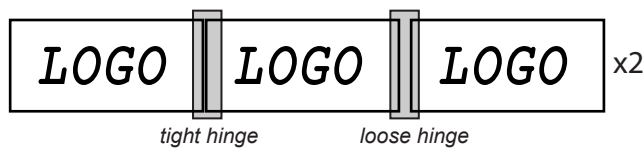
LOGO x8   LOGO x4   FOIL x1   LOGO x5

Turn one of the right half-panels over to make it a left panel facing the wrong way. The right panels are marked with a star here.

x3 LOGO   x3 LOGO *   x6 LOGO
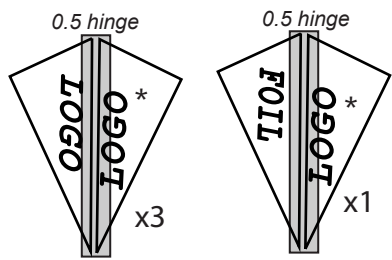
x1 LOGO   x1 LOGO *   x2 LOGO

x1 FOIL   x1 LOGO *

Taping plan: before making hinges, seal the shown raw edges of the panels with 3" wide tape. Seal pointy ends of all half panels for reinforcement.
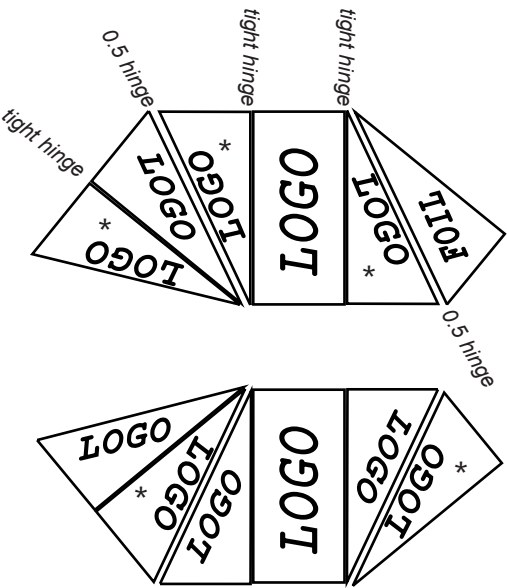
This design uses Camp Danger Hexayurt Hinge Technique. If you haven't already, search for it and make sure you understand it before proceding.

LOGO   LOGO   LOGO   x2

tight hinge   loose hinge

Connect 3 panels, with a tight hinge and a loose hinge to make a half-wall. The loose hinge for walls has a gap equal to the thickness of your panel, and the foil side is taped first. The tight hinge does not have a gap, and the logo side is taped as the first step.

0.5 hinge   0.5 hinge

LOGO LOGO *   FOIL LOGO *

x3   x1

The roof hinges are more difficult. Start with the 4 0.5x loose hinges to produce 4 kites. These hinges have a gap equal to half the thickness of your panels, and the foil side of the star half-panels are taped as the first step.

0.5 hinge   tight hinge   tight hinge
tight hinge
LOGO *   LOGO *   LOGO   LOGO   FOIL
LOGO *
0.5 hinge

Tape tight hinges between the kites and the two remaining full-panels as shown. Connect the remaining half-panels. All tight hinges need to be taped on the logo side, first.

Finished product:
2 half-walls
2 half-roofs

by Julie Danger. Warning: I have not built this yurt in full size yet! Other people have. I just think the hinges will work this way.

LOGO LOGO *   LOGO LOGO *