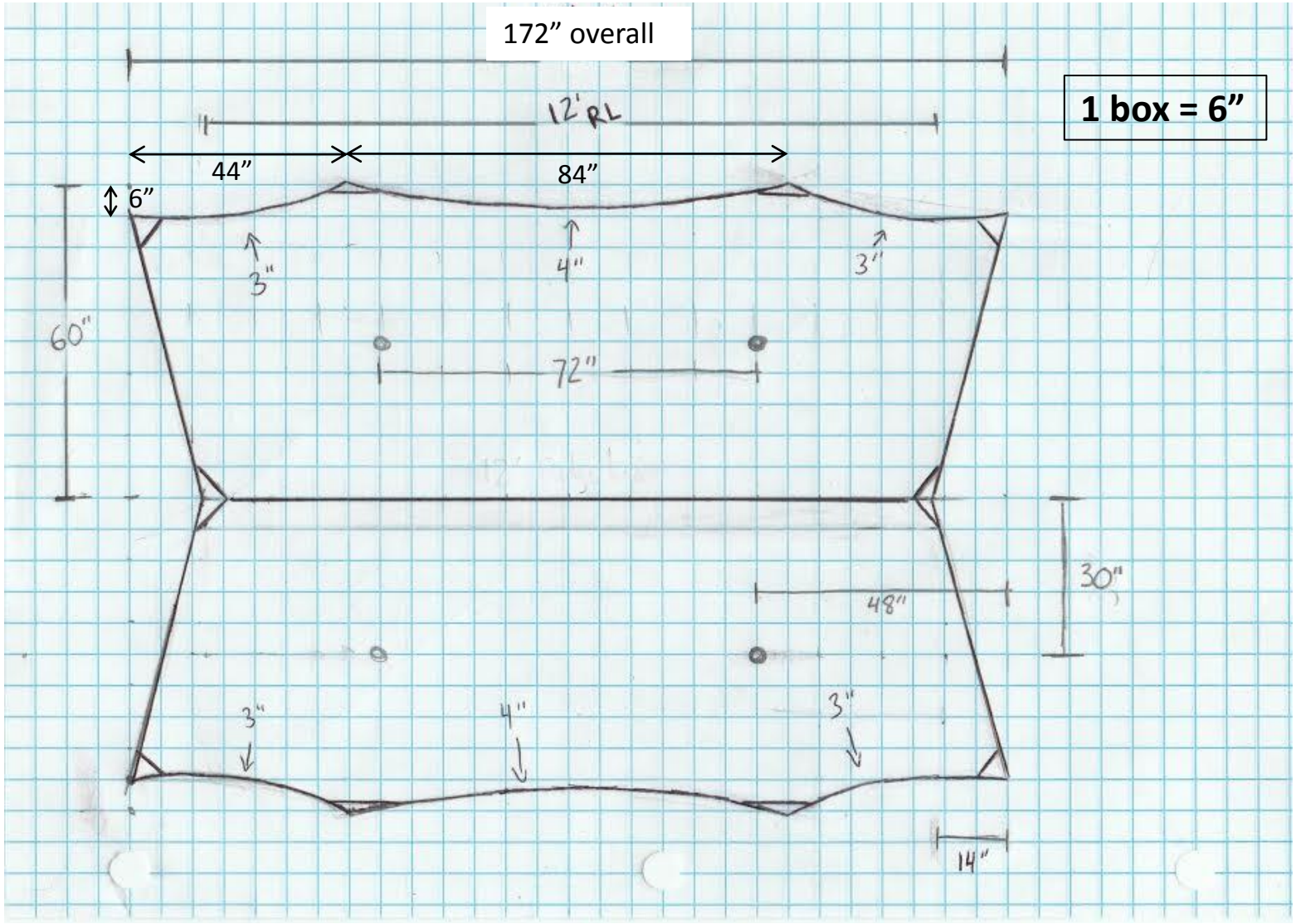
WINTER12 Tarp Instructions

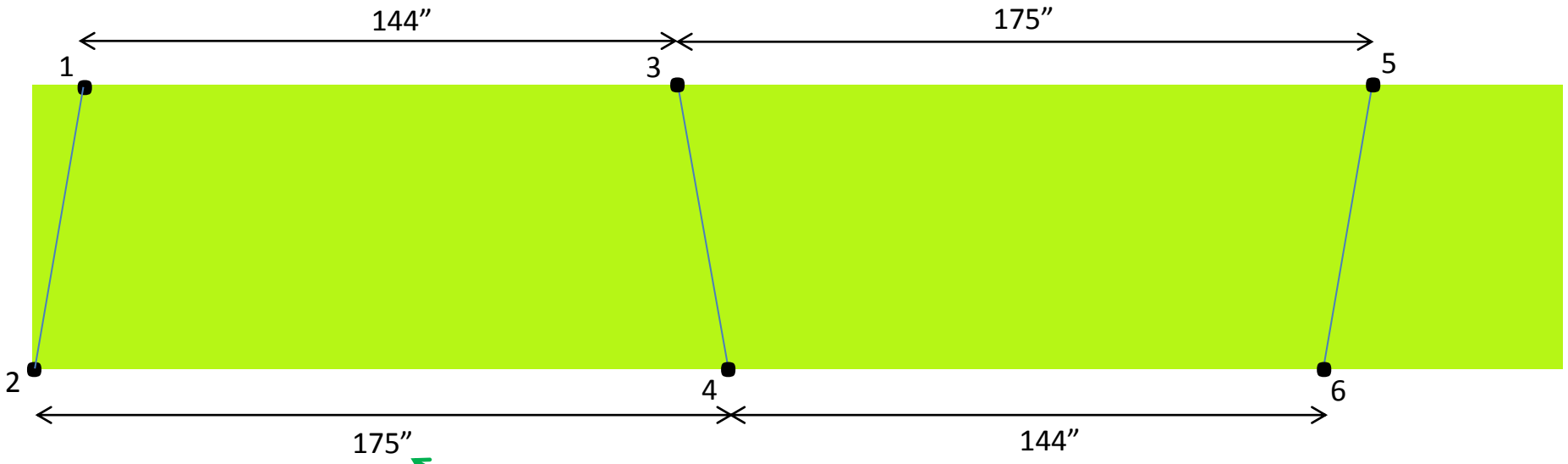
Ripstop by the Roll®

Revision A – 8/2/15

Top Down View – Winter12 Tarp



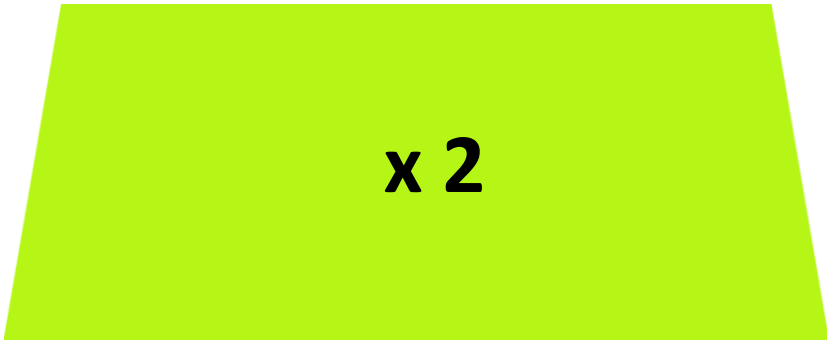
Step 1: Mark fabric



Note – includes allowance to achieve 172” overall length after door inset is cut (step 2b)

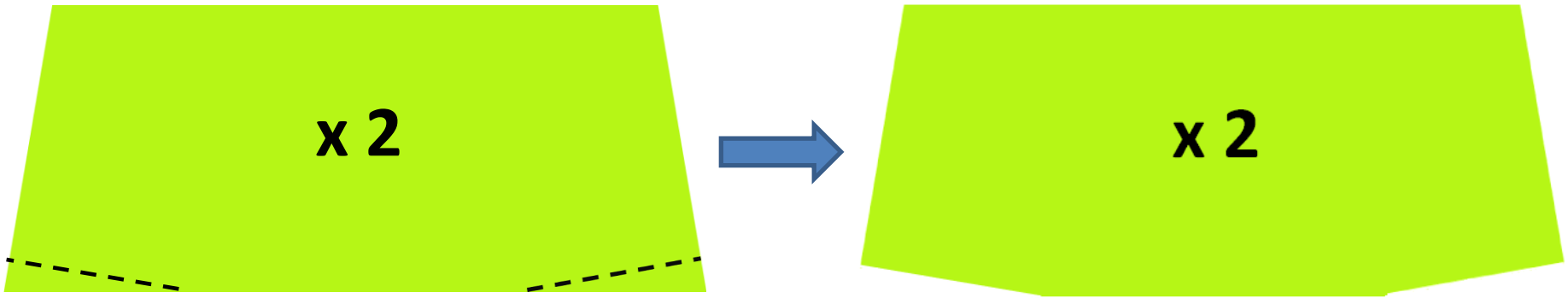
- Using the dimensioned schematic, mark points on the fabric shown above (6 total)
- Draw straight lines between tie-out points using a straightedge (e.g. yardstick)

Step 2a: Cut fabric



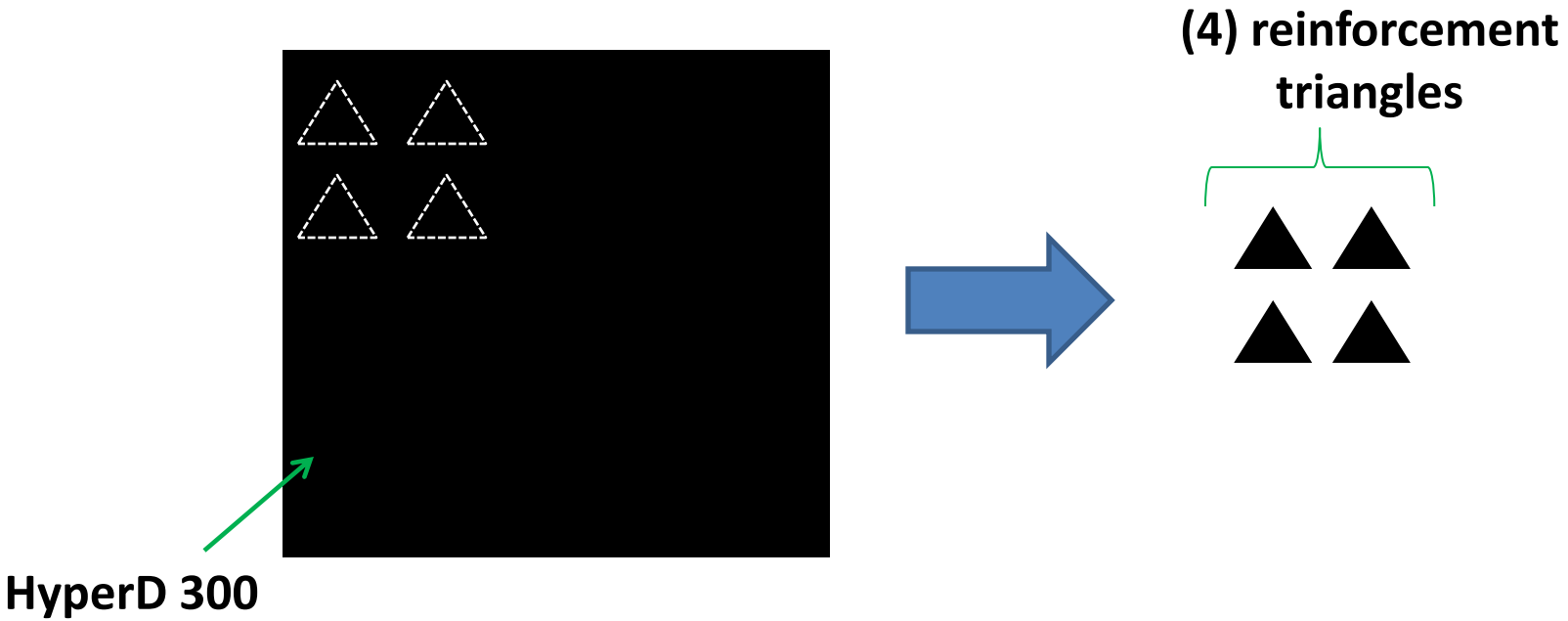
- Cut out tarp panels along straight lines marked in step 1
- **NOTE** – save waste for use as either stuff sack material or practice scrap

Step 2b: Cut fabric



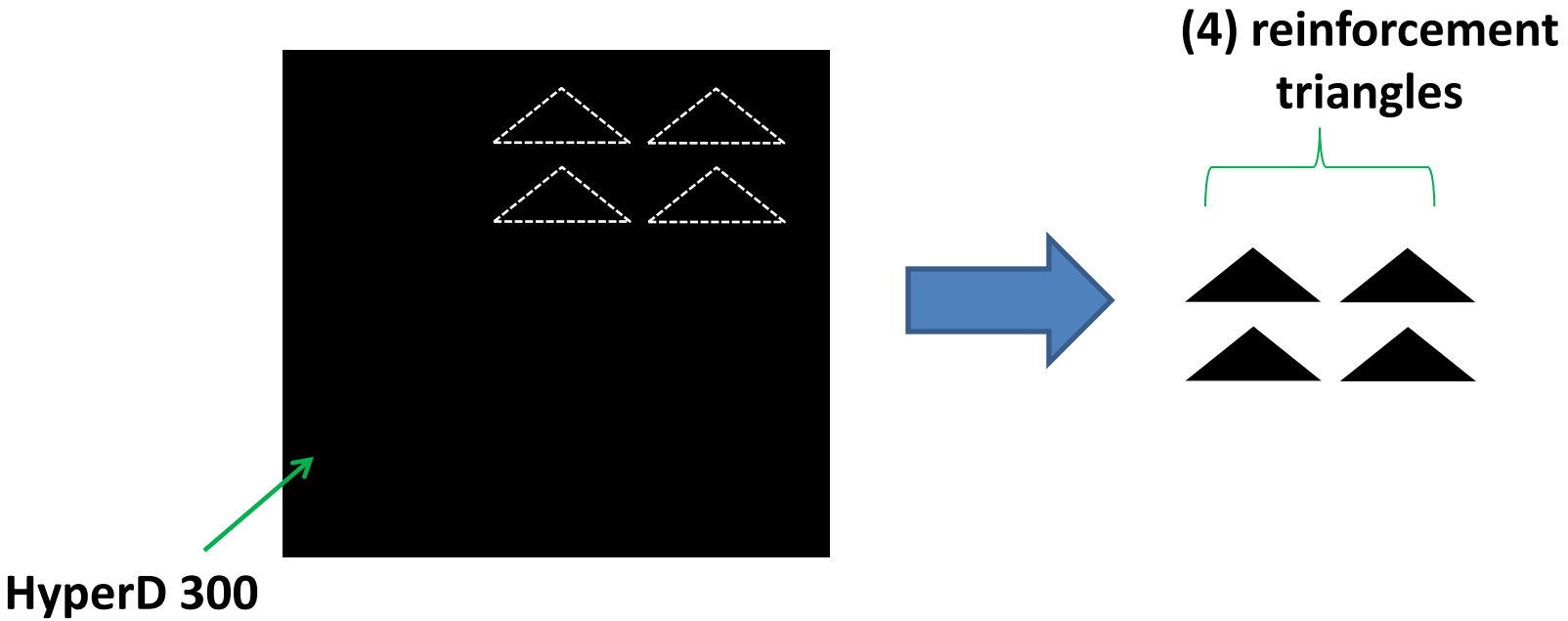
- Cut 6” door instep on left/right sides of each tarp panel
- You now have both non cat-cut tarp panels

Step 3a: Cut door tie-out reinforcement triangles



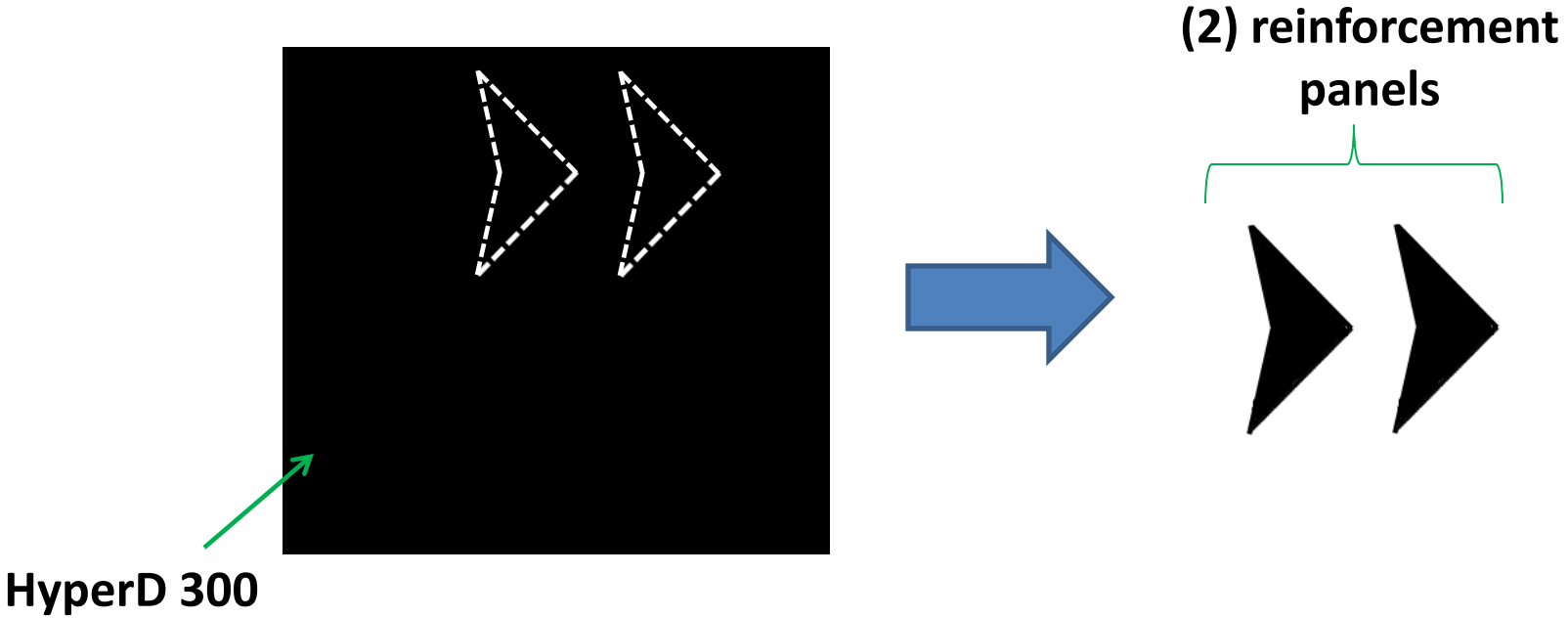
- Cut (4) door tie-out reinforcement triangles
- Ensure that the triangle shape approximately matches the shape of the door tie-out area (**Tip** – cut larger than needed and trim later. See *Appendix B* for details)
- There is plenty of HyperD 300 provided, so if you mess up, no big deal
- See *Appendix E* for door/ground/ridgeline tie-out locations

Step 3b: Cut ground tie-out reinforcement triangles



- Cut (4) ground tie-out reinforcement triangles
- Ensure that the triangle shape approximately matches the shape of the ground tie-out area (**Tip** – cut larger than needed and trim later. See *Appendix B* for details)
- There is plenty of HyperD 300 provided, so if you mess up, no big deal
- See *Appendix E* for door/ground/ridgeline tie-out locations

Step 3c: Cut ridgeline tie-out reinforcement panels



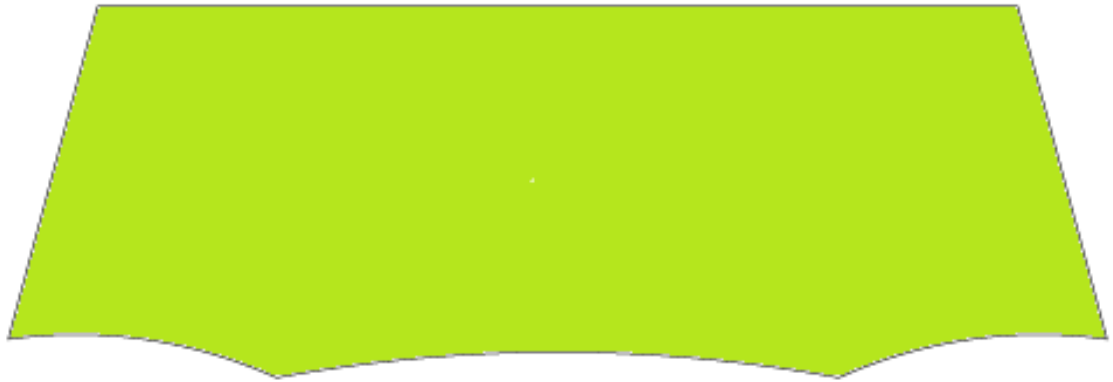
- Cut (2) ridgeline tie-out reinforcement panels
- Ensure that the panel shape matches the shape of the ridgeline tie-out (See *Appendix C* for details)
- There is plenty of HyperD 300 provided, so if you mess up, no big deal
- See *Appendix E* for door/ground/ridgeline tie-out locations

Step 4a: Cat-cuts

- Trace out cat curves between tie-out points
- Suggested:
  - -Use Xtrekker's Cat-Curve Generator to give curve points
  - - Make template from another piece of fabric before marking main tarp fabric

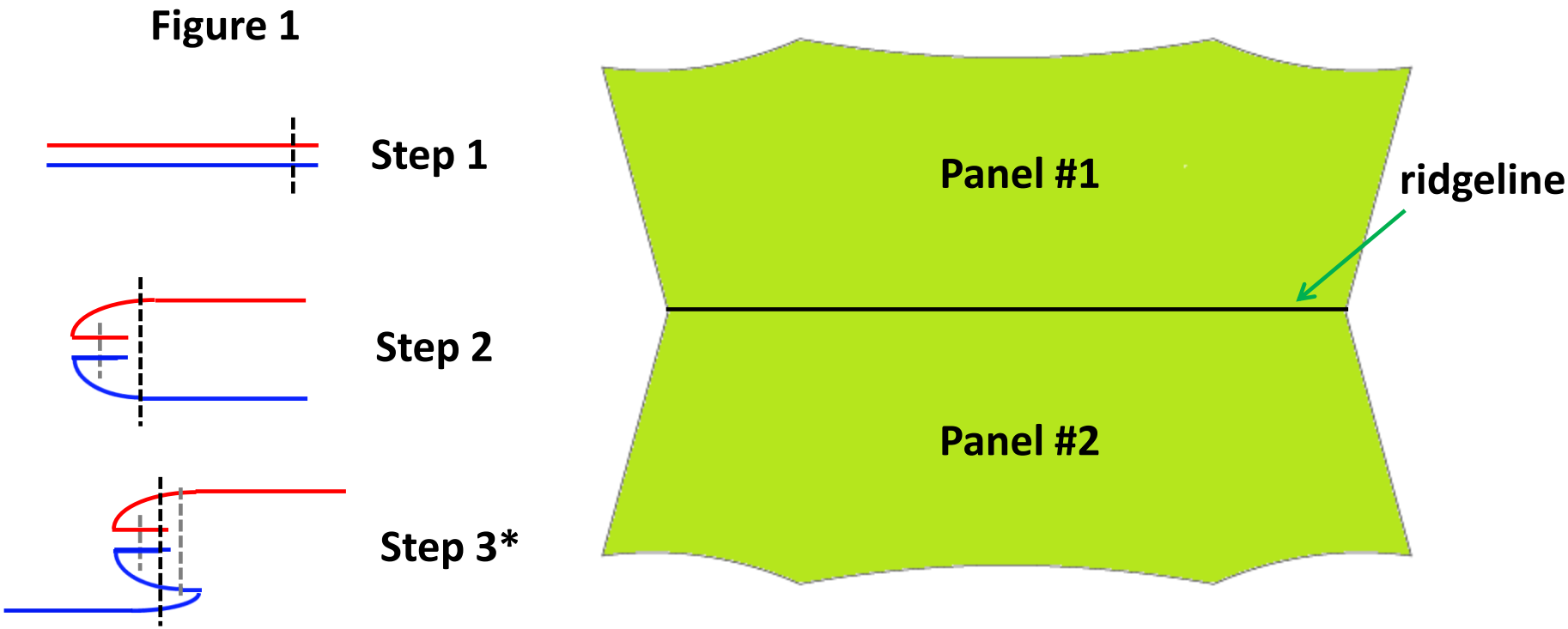
NOTE: If using Silpoly, cat-cuts are not strictly necessary and could be omitted. If not doing cat-cuts, skip ahead to **Step 5**.

Step 4b: Cat-cuts



- Carefully cut out all curves
- Note that you may wish to stack panels and cut both at same time
- If you didn’t cut both panels, repeat steps 4a and 4b to get second panel

Step 5: Sew Ridgeline

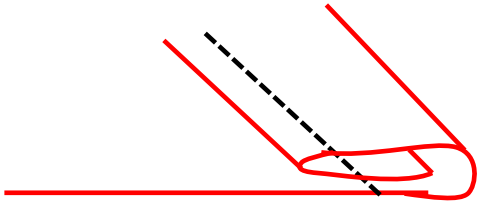


- Join the two panels along ridgeline using a flat-felled/French seam hybrid
- See **Figure 1** above for details of seam structure (see *Appendix D* for detailed instructions)
- **NOTE**: based on our experience, felled seam in **Step 3** is optional

Step 6: Hem perimeter

Figure 2 – Finished Example

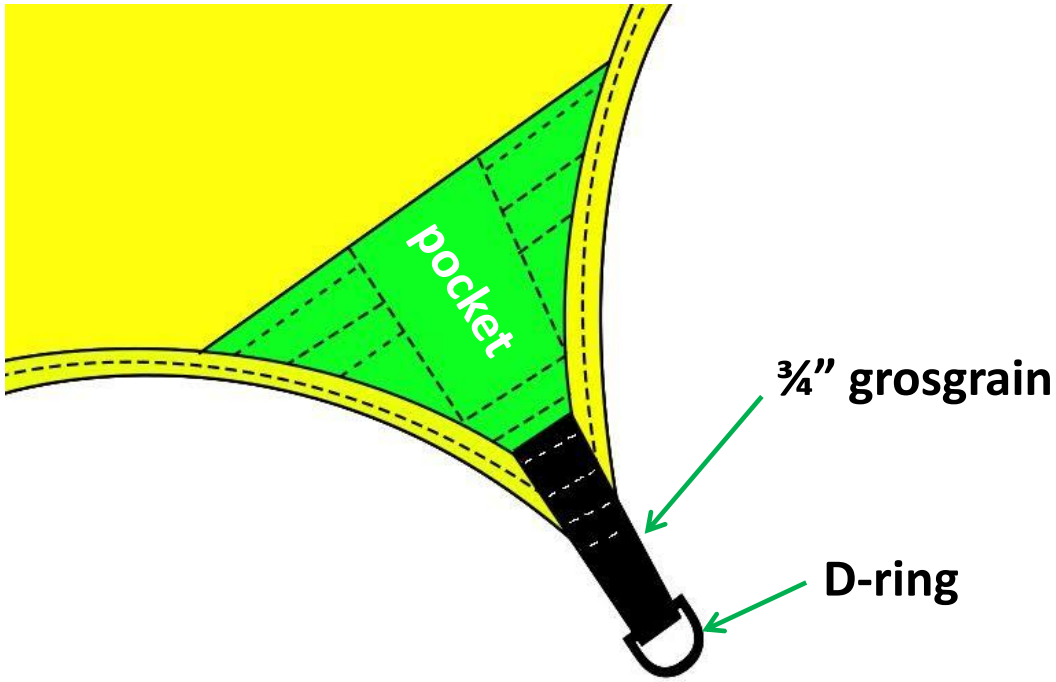
Figure 3 – Rolled hem



- Roll hem the entire perimeter of tarp
- Insert reinforcement pieces at all tie-out points and hide edges within rolled hem
- See **Figure 2** for finished example
- See **Figure 3** for rolled hem stitch detail

Step 7: Finish Reinforcement and Tie-Outs

*Note that reinforcement panel shape will differ between door/ground/ridgeline tie-outs as noted in steps 3a-3c



- Finish attaching reinforcement pieces to main body of tarp as shown above (**green** is reinforcement).
- **Optional** – Arrange stitching to leave a small pocket for guyline storage.
- Make tie-outs with 4-6” pieces of ¾” grosgrain and a D-ring (repeat for all ten tie-out locations)

Step 8: Adding Panel Pulls

OPTIONAL....

COMING SOON

Step 9: Seam Sealing

• Using 100% silicone sealant, seal inside of the tarp ridgeline and panel pulls if added
• Hang tarp inside and allow to cure for ~24 hours
• Suggested sealants: Silnet or GE Silicone II caulk
• **Note**: if you're using a PU coated fabric (e.g. HyperD 300 or Silpoly PU4000) use Seamgrip sealant instead

YOU’RE DONE!

ENJOY YOUR NEW WINTER12

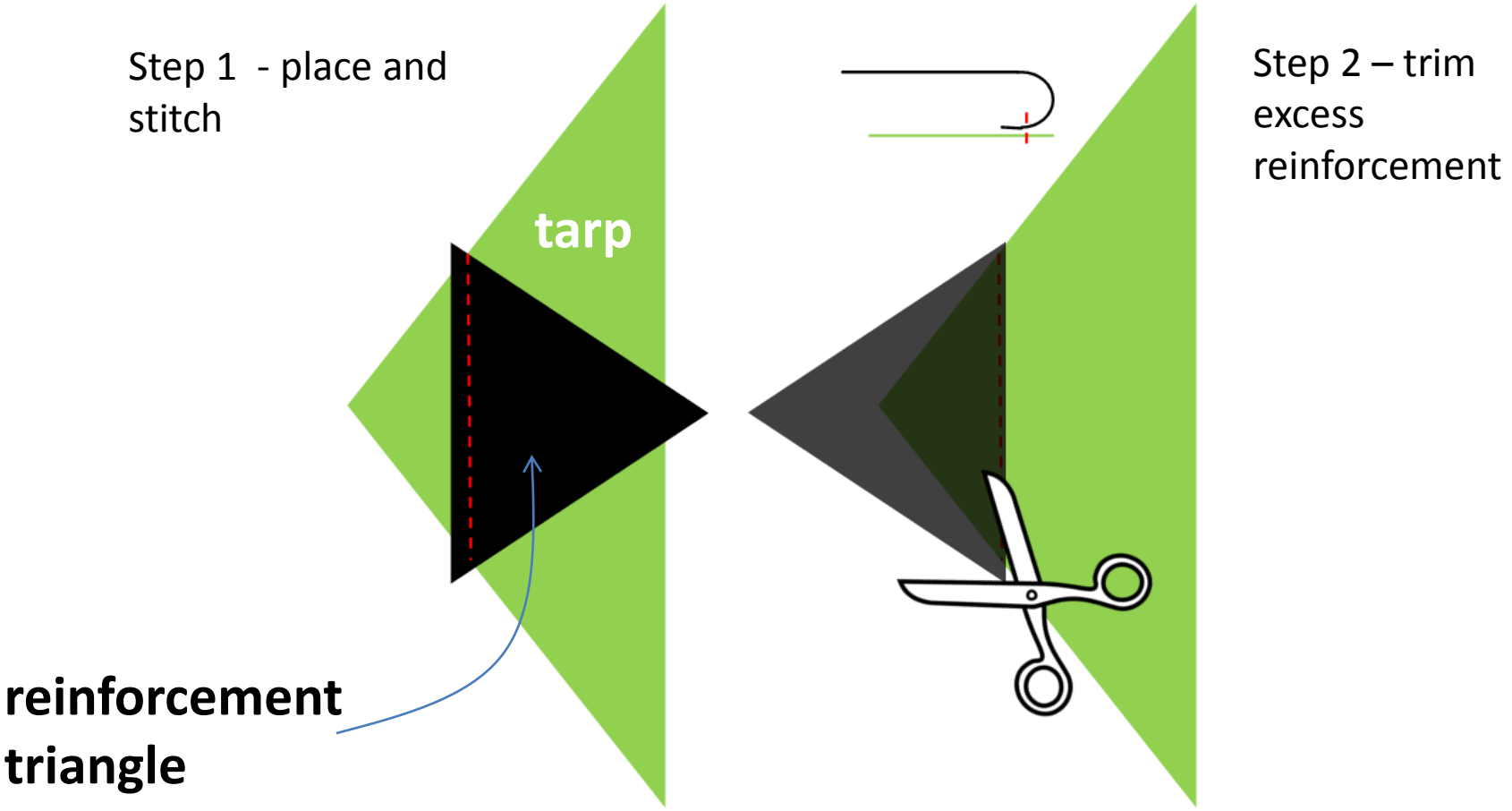
Appendix A – Ground tie-out stitch detail

Back (left) and Face (right) of ground tie-out

Face side stitch detail

Appendix B – Ground tie-out reinforcement detail

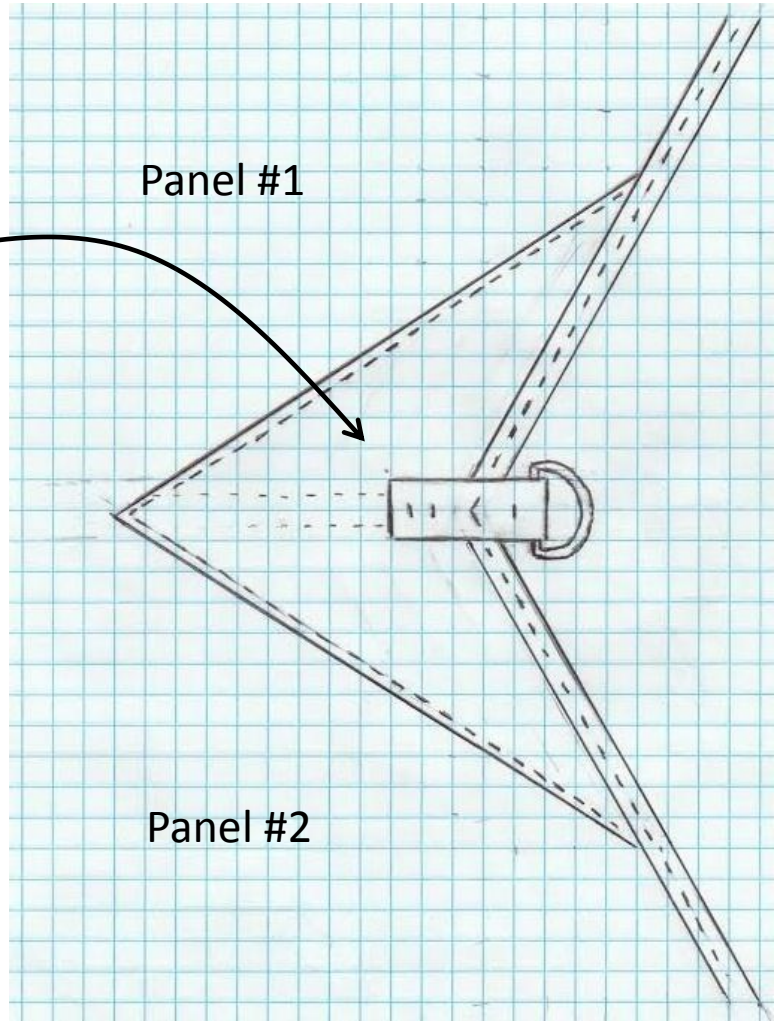
- See below for illustration on sizing, folding/sewing, and trimming reinforcement triangles



Appendix C – Ridgline reinforcement detail

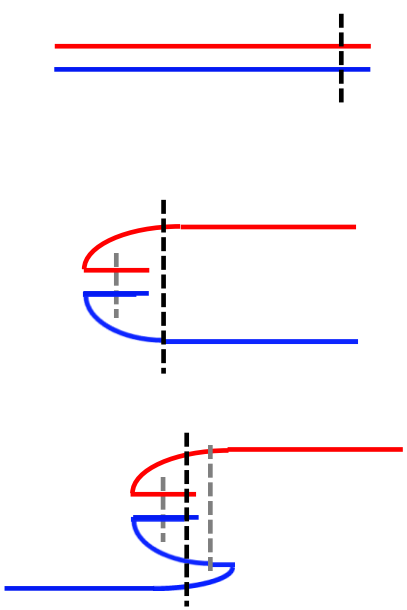
• See below for illustration (top down view) on shape for ridgeline reinforcement panel

reinforcement panel



Appendix D – Ridgeline seam detail

Figure 1



Step 1

Step 2

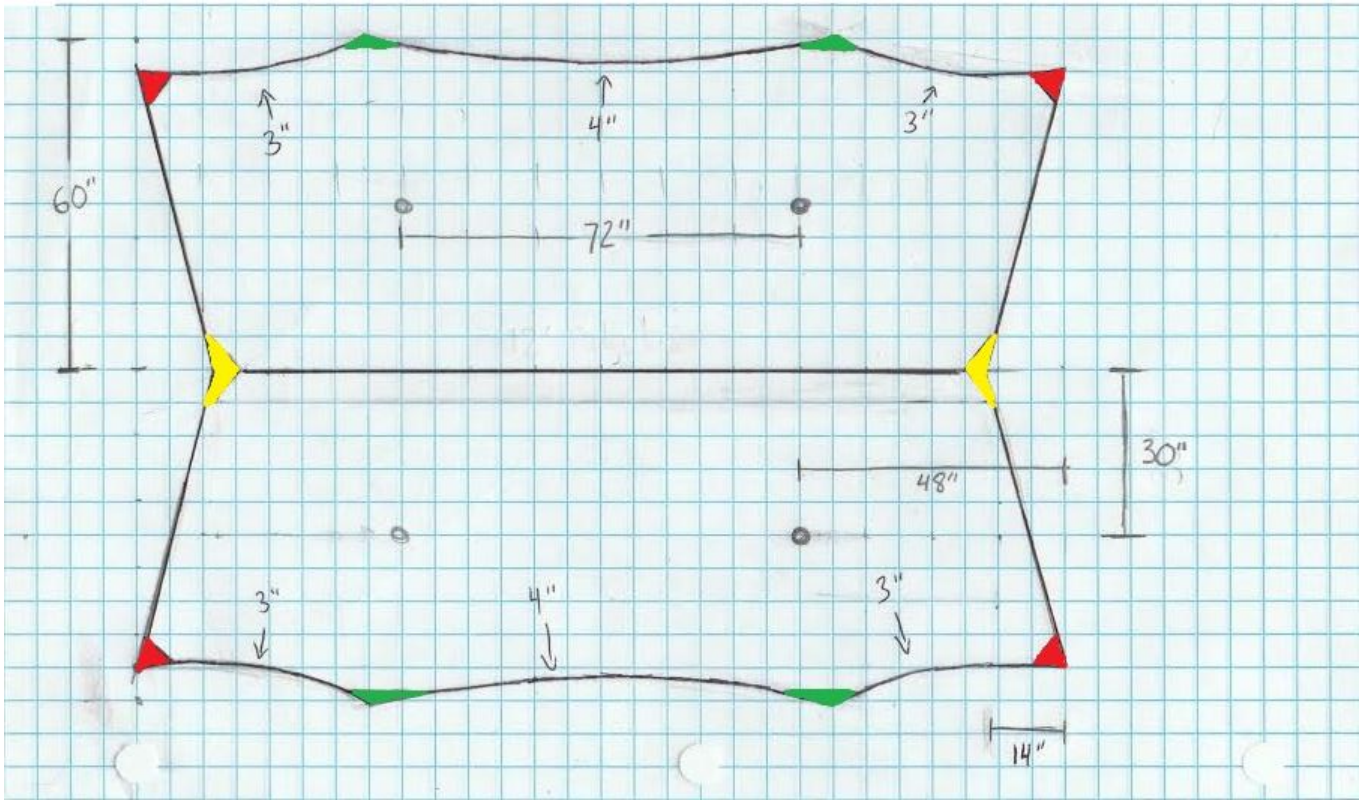
Step 3*

Step 1 – Join the two panels:
• Position left/right panels stacked on top of one another at the ridgeline
• Straight stitch down entire length of ridgeline ~1/4” from edge

Step 2 – French seam:
• Take the now joined two panels and fold back both panels (shown as folding to the right in the pic)
• Straight stitch entire length of ridgeline ~1/4-1/2” from edge

Step 3* - Flat-felled/French seam hybrid:
• Fold bottom panel back under itself
• Straight stitch entire length of ridgeline, running parallel to stitch made in Step 2

Appendix E – Door/ground/ridgeline tie-out locations



Door

Ground

Ridgeline