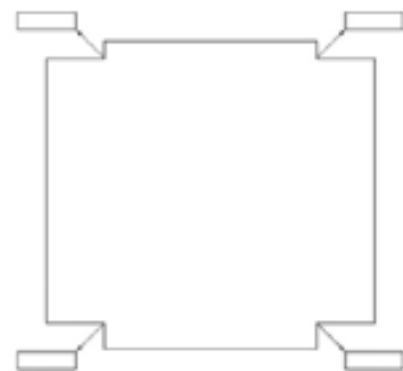
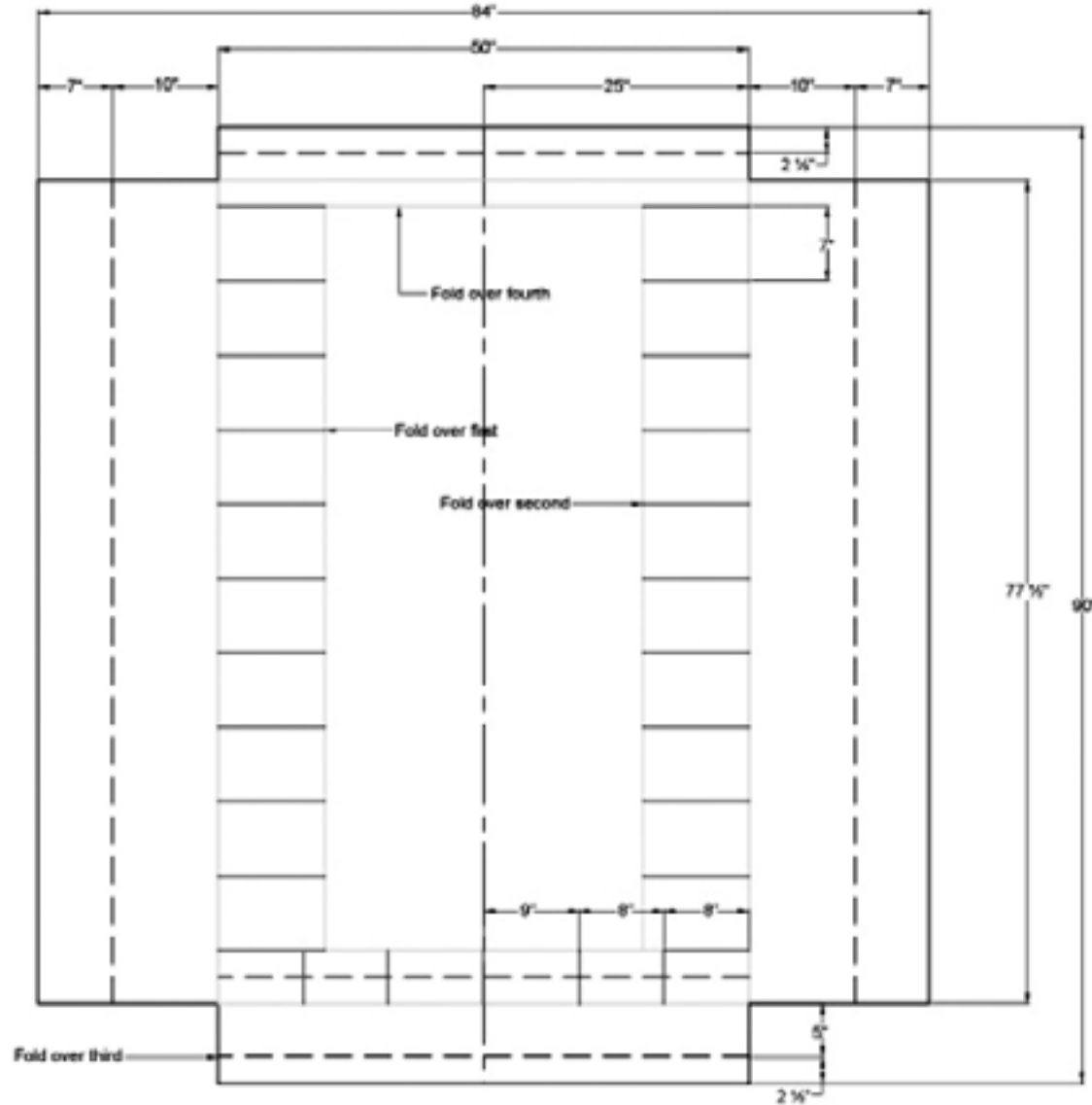


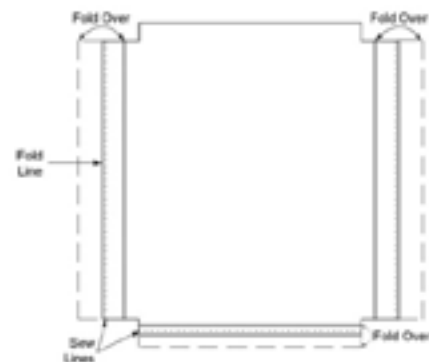
KITE PLAN

LARRY GREEN'S ROLL-UP BAG

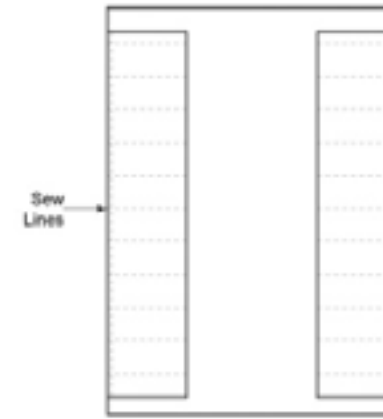
To build this simple roll-up bag, you can use coated "bag weight" nylon (from the discount bin at Wal-Mart), cordura nylon or even plastic tarps. The tarps work great, are cheap to obtain and are easy to sew but almost any hard-wearing and waterproof material should work fine. You will also need four luggage straps, the type designed to fit around suitcases. These can be bought at "dollar stores" for a buck each and normally include the snap buckle and an adjuster of some type. You will also need a sewing machine capable of sewing thick materials as at one stage in construction you will be sewing through five layers of bag material and two layers of webbing strap! Start with an 8' x 10' piece of fabric. This design will hold twenty 4' kites. For alternate plans to hold longer kites, see www.kites.org/esssexkites/kite_bag.html.



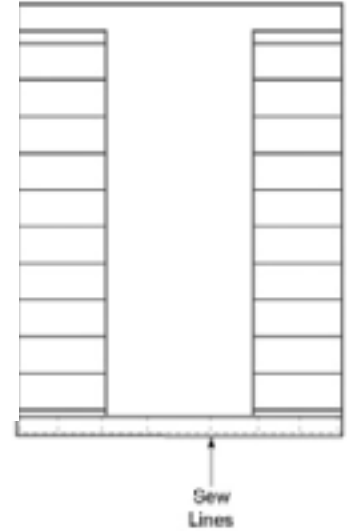
Step 1
Square up material to outside dimensions. Remove rectangles in corners. Remove any metal or plastic eyelets.



Step 2
Fold in sides and bottom at fold line.
Sew 1/8" in from folded edges to form firm edge to pockets.



Step 3
Fold in left side, mark pockets at 7" centres allowing for 2 1/2" fold over at top.
Sew 1/8" from left side to form firm outside edge. Sew along lines to form pockets.
Repeat for right side.



Step 4
Fold up bottom, mark pockets at required spacing to fit winders.
Sew 1/8" in from bottom to form firm outside edge.
Sew along lines and outside edges to form pockets.



Step 5
Fold top flap in half and then fold over onto the top of the bag to form a triple thickness band to take the straps.

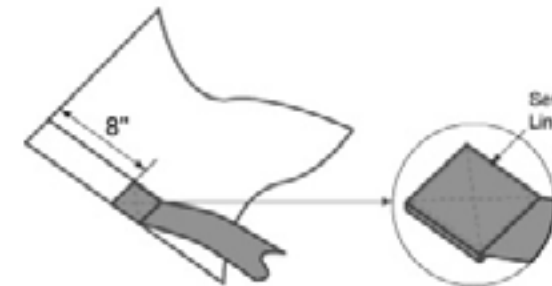
Sew 1/8" from edge all around.



Step 6
Turn bag over so pockets are underneath.

Position the female end of a strap in the middle of the top reinforced edge so that the buckle part just hangs over the edge.

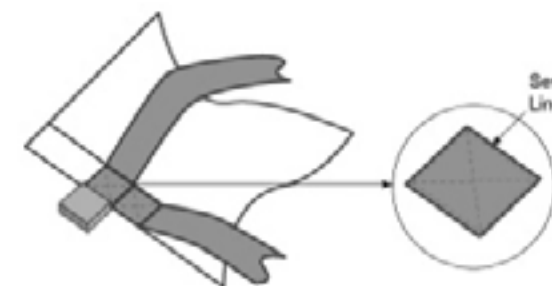
Sew the strap into position as shown.



Step 7
Measure 8" from each end of bag and make a mark. Remove all the fittings from one strap and fold one end under by 2". Sew onto top reinforced edge as shown.

Once sewn adjust length of strap to give a comfortable fit (I like the bag to sit at hip height when the strap is on my shoulder), mark required length at the 8" mark on the bag, add 2" and cut off excess. Fold end under by 2" and sew down as before.

NOTE: Make sure there are NO twists in the strap!



Step 8
Butt the end of a third strap against the end of the strap sewn in Step 7 as shown. Sew down as in Step 6.

Repeat at the other end with the fourth strap.

The bag is now complete, fill with kites/lines, roll up and adjust the straps to length and **GO FLY A KITE!**