



## FACETED BLANKET

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# COLLECTION

## BAGS:

We used: grocery bags from various grocery stores  
(942 bags total)

Obtained from: recycling bins, donation from friends,  
and grocery stores (Walmart, Dissmores)

## CARDBOARD:

We used: single ply cardboard

Obtained from: campus cardboard recycling dumpsters

Constraints: available surface between folds, thickness, color

\*\*\*Most common manufactured size determined our geometry

## SHREDDED NEWSPAPER:

We used: 1x 50 gallon bag

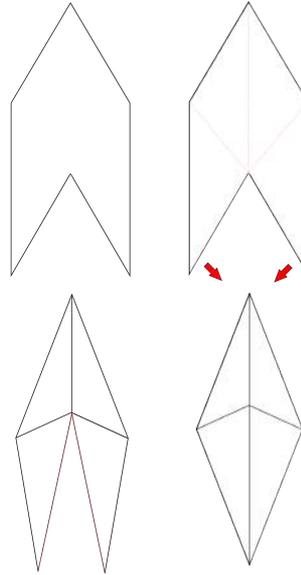
Obtained from: campus library recycling bin

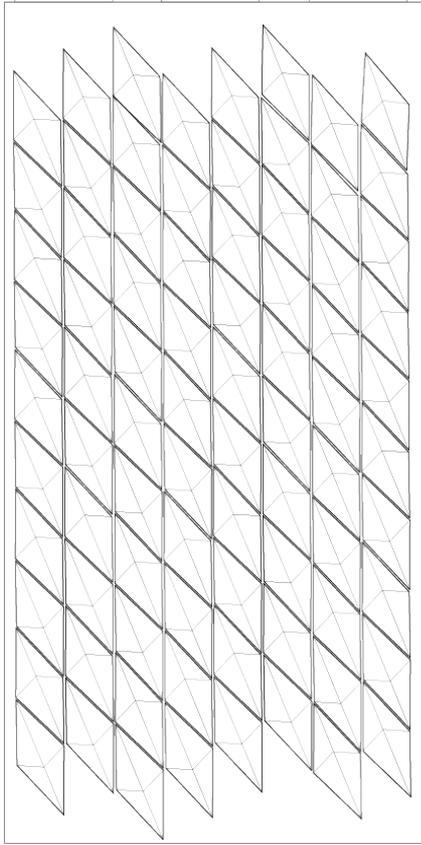


# CONSTRUCTION

Estimated time to build a 4X8 wall : **42 hours**

flatten 4 bags and cut off handles  
iron two bags side by side double layered  
cut cardboard and score  
rubber cement (along edges) cardboard to plastic  
fold into diamond using iron to keep the shape  
iron another two bags side by side double layered and cut diamond to match  
iron two sides making a pocket  
stuff pocket with shredded newspaper  
iron shut completing one unit, repeat 79 times  
lay them all out so the sides match up  
staple together  
iron 216 bags together to make a 4'x8' sheet  
using left over rubber cement glue shredded paper onto the sheet  
lay the stapled units over the sheet covering the newspaper shreds  
iron around the edges to seal  
make 3 loops by sealing 6 bags per loop  
iron on the top lining up on the edges and one in the middle  
slide a cardboard tube through the top loops





## C O S T

- Elmer's 1 qt rubber cement : \$8.99
  - We used: 8 oz of rubber cement
  - 1 qt = 32 oz
  - $\$8.99 / 32 \text{ oz} = \$0.28$
  - $\$0.28 \times 8 \text{ oz} = \underline{\$2.25}$
- Walmart Standard 5,000 count staples : \$0.98
  - We used: 2 strips of staples (420 staples)
  - $420 / 5,000 = 0.084 \times \$0.98 = \underline{\$0.08}$

Total Cost of a 4X8 Wall : **\$2.33**

E L E V A T I O N

