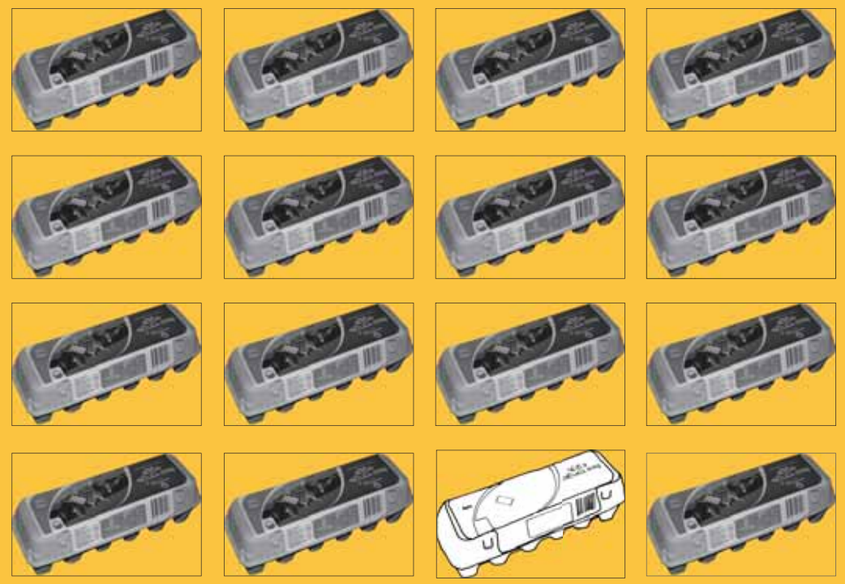
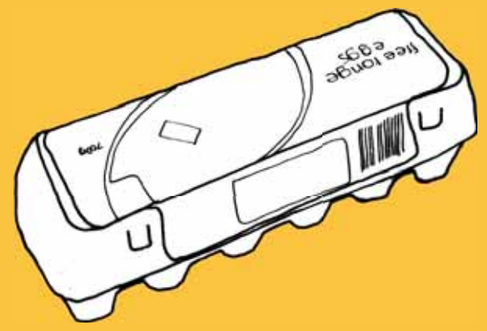
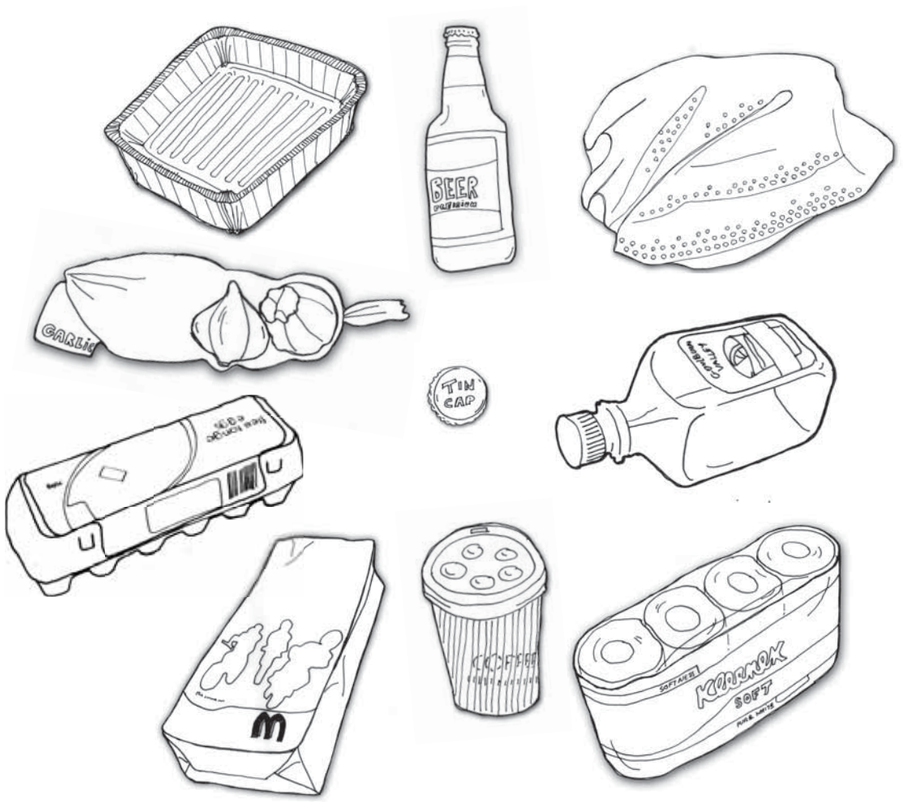


# TRANSFORMABLE
THOSE DISPOSABLE PACKAGING THINGS
# MANUAL



*"THOSE DISPOSABLE PACKAGING THINGS"*


*SCHOOL OF ARCHITECTURE AND DESIGN*
*ARCH 1027 HISTORY AND THEORY PROJECT*
*TUTORED BY | PIA EDNIE-BROWN*
*s3044414 PRODUCED BY | JIROJ NIMMANNIT*
**RMIT**UNIVERSITY


*MANUAL* ***CONTENT***


*We love Mac Tie*
*Egg Carton Book shelve*
*Bubble wrap pillow*
*Garlic Coin Pourch*
*Tissue -Wrap Bag*
*Coffee-Cup Hockey Pad*
*Juice-Plastic Chandelier*
Wedding Pavillion
*Beer Bottles Insulation*
*Christmas Tree*

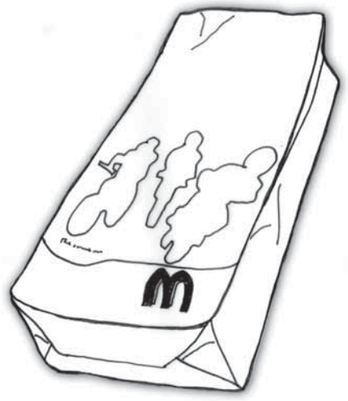





1. Collect MacDonald Disposable bag
2. Cut open the bag and lay it flat
3. Pattern make (Maybe using a tie as a guideline)
4. Cut and Fold it, sticking using double-sided tape

NOTE: The slim portion of the bag is used for the
– thiner portion of the tie.

## WE LOVE MAC TIE



During the social experiment, Mac Tie was initially made for the Macdonald manage who was wearing a conventional black tie. MacDonald produce over 1.2 millions of this brown paper bags annually, across Australia. This massive  out pour is impressive. Is there a potential in these wrapping to become things like garment for instance? Absolutly.

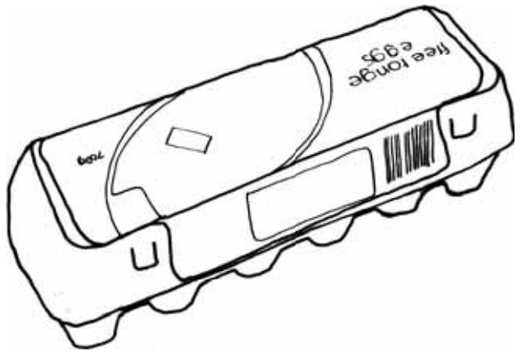




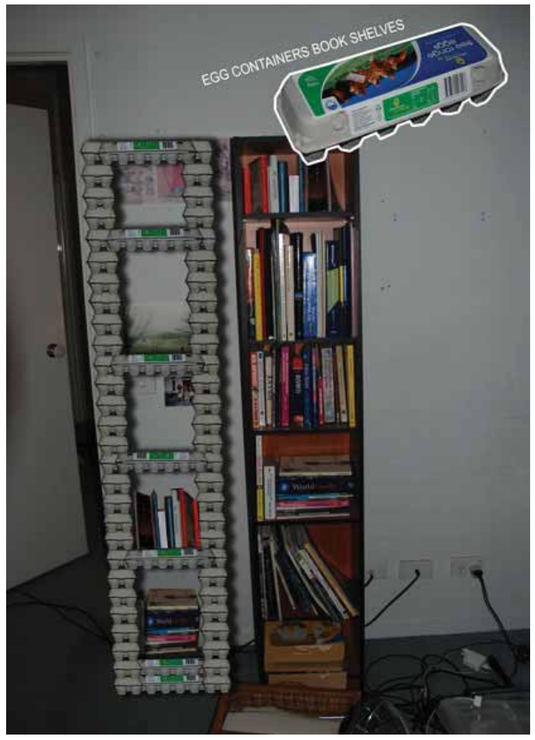


1. CollectEgg Cartons x 120
2. Trim the Cartons so that they can inter log onto each other
3. Inter lock each carton + using glue gun to fix it together
4. Fold the other half and reapply Hot glue using glue gun
5. Repeat this process to build up the shelves from bottom up
6. Bottom view of the connection

## EGG  CARTON BOOK SHELVES




Average Household consumption of egg carton is 1.5 Carton a week. This book shelve is constructed from approaximately 120 cartons. Simple caluation, you can get your bookselve in roughly about 60 weeks time, about a year. That does not sound so bad, considering you are normally throwing these out anyway. Egg cartons have the kinks, making it extra strong and structural. They have potential also to become many furnitures.

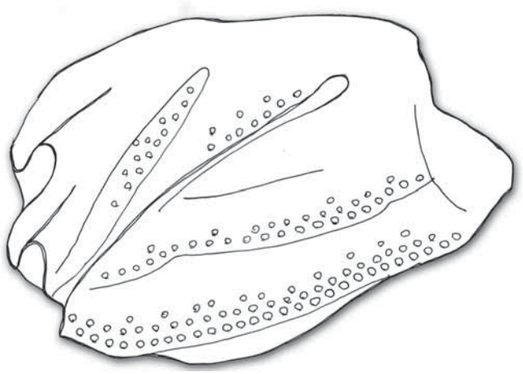






1. Collect Bubble wrap
2. Use your existing pillow case to pattern make the cutting onto the wrap.
3. Cut and sew on the connection

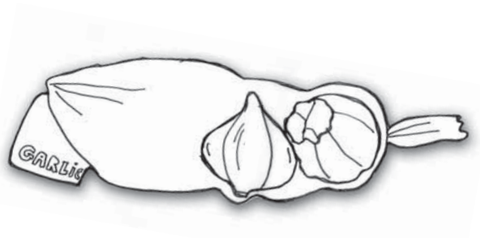
## *BUBBLE WRAP PILLOW*



Bubble wraps normally come with big deliveries. Althought you do not purchase big items and get bubble wraps eve-ryday, It is very easy to find in the dry yellow recycled or in the garbish area of the apartment compound ..etc. Bubble wraps act and insulation and cushion. It has potential to creat it into something that require softness when come to contact with human skin. These are things like bedding and sofas.


1. Collect Garlic bag x 1
2. Cut The slit in a straight line.
3. Attach the zipper using extra strong doubled type

## *GARLIC COIN POURCH*




Garlic bags are breathable and see-through. Apple simply attached zipper to it. U can use it to store items that needs to be visible from the outsides like coins or storing things that need to be breathable like a wet swim wear, or tooth brush, when travelling.





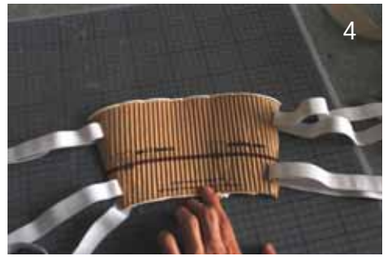


1. Collect Tissue Wrapping
2. Cut The slit in a straight line.
3. Empty out the tissues
4. Attach the zipper (extra strong double-sided tape + sewing)
5. Heavy duty tape lining on the inside and outside
6. double fold heavy duty tape for carrying strips (2) Cut slits on the lining and thread the carrying strips in, and tape those.

## *TISSUE-WRAP BAG*


An Average consumption of Tissue is roughly 2 rolls a week (homeand commercial). Tissuea are one of those item that is so essential we can ‘almost’ not live without in mordern society. The plastic wrappings that come with this, if collected over a year would might get around 20-40 of them depending of how many you buy at one time. Here Tissue wrapping are turn nto groscery shopping bag. Surprisingly It does hold a bit of weight, not lass weak as many think.



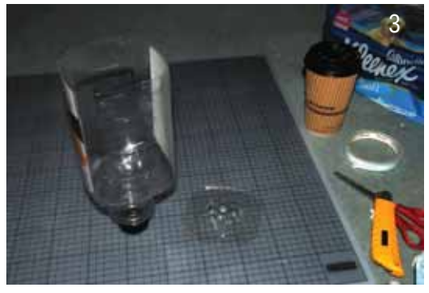


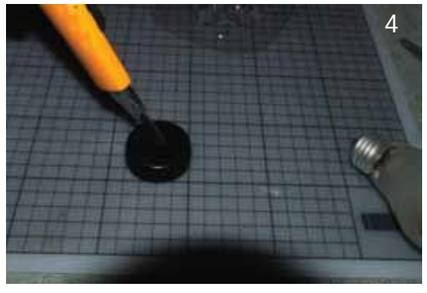
1. Collect Cffee cup
2. Cut the side out
3. Thred in the flexi strops
4. repeat for all corners
5. Cushion on the inside using the bubble wraps

## *COFFEE-CUP HOCKEY PAD*

An Average consumption of Tissue is roughly 2 rolls a week (homeand commercial). Tissuea are one of those item that is so essential we can ‘almost’ not live without in mordern society. The plastic wrappings that come with this, if collected over a year would might get around 20-40 of them depending of how many you buy at one time. Here Tissue wrapping are turn nto groscery shopping bag. Surprisingly It does hold a bit of weight, not lass weak as many think.



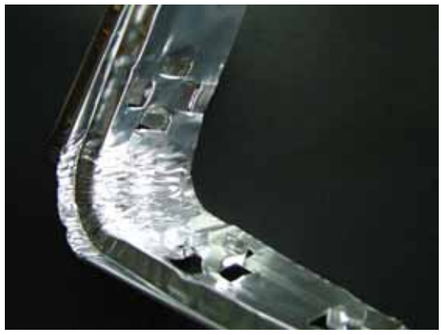




1. Collect Juice plastic Container with caps
2. Cut open the bottom
3. Repeat the same process, until
   you have the number of light wanted
4. Cut the plastic lid as a cross, to grip the electrical cable.
   DO NOT cut an open hole ( no gripping )
5. Place back the lids, Thread thhe cables and light bulbs

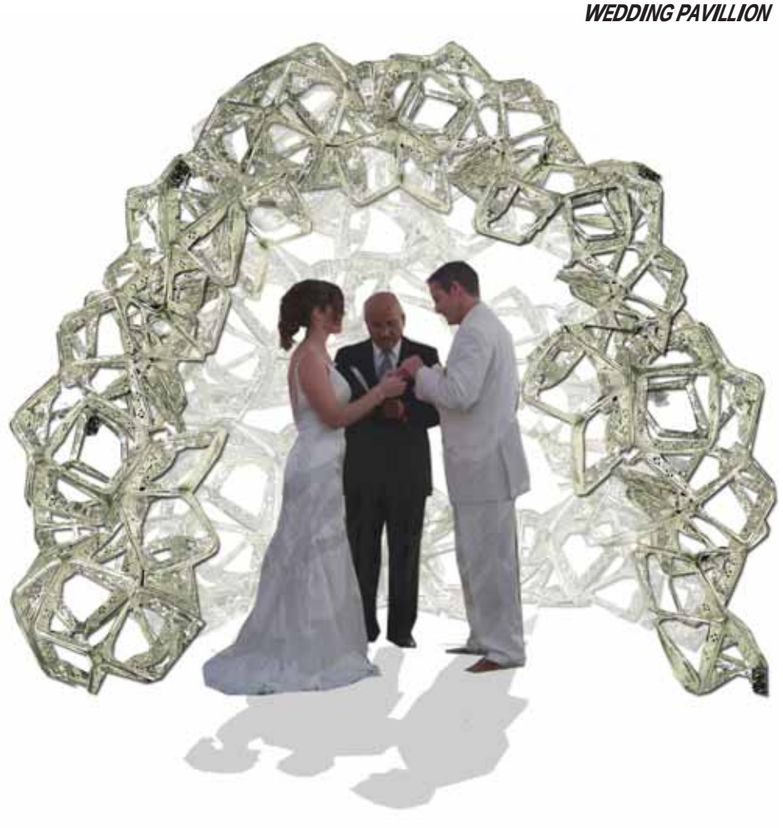

Building light fittings out of plastic juice bottle. The plastic lid up the top perform a strong grip, holding the electrical cord and the plasting frames in a very simple way.

***JUICE PLASTIC CHANDEER***

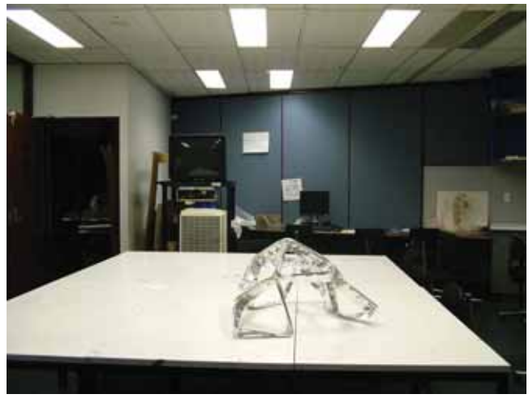


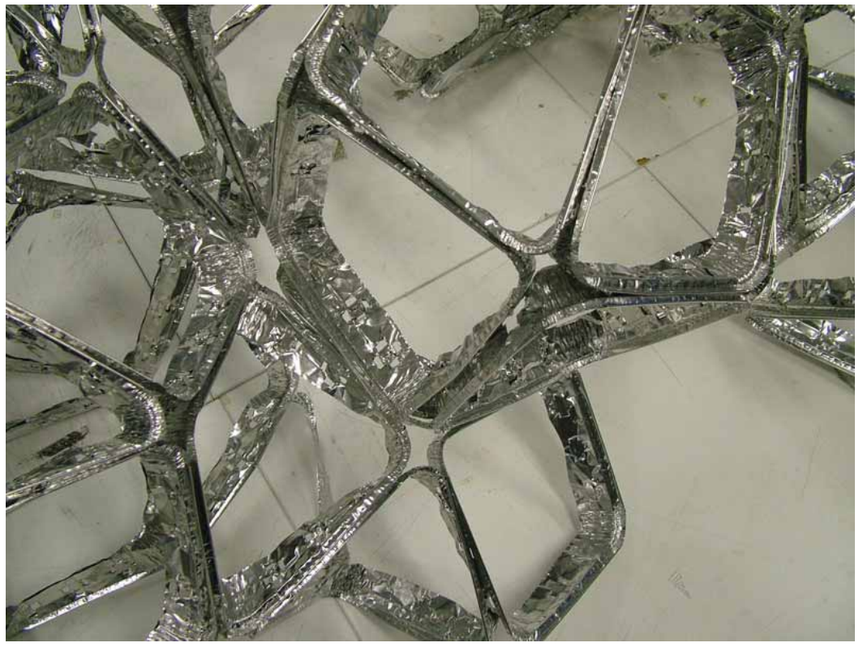
1. Collect take out aluminium trays (200-500)
2. Cut the side out and cut a scross-shape slit for buttoning three buttons on each facet (see above)
3. Add on one by one clipping/buttoning each module to form a desirable structure/form.

Aluminium take-out tray are light and bendable. This bendable quality allow it to be connected to itself, performing like a prefabricated mini modualar structure. The bottom bits are trimmed out, using only the edges. A cross-shape buttons are cutted out along the edges' sides, so that the facets become connectable. Many type of structures can be constructed using this technique. A portion of this structure is building to test the buildibilty of the wedding pavillion. The result shown a beautiful scupture like buble that cast dynamic shadow. The structure is very temporary in nature and is use only for short term exhibition. A pavillion would use roughly 500 Allumi-nium take-out trays.

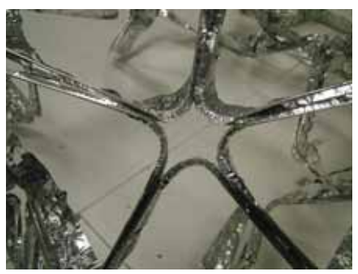


***WEDDING PAVILLION***



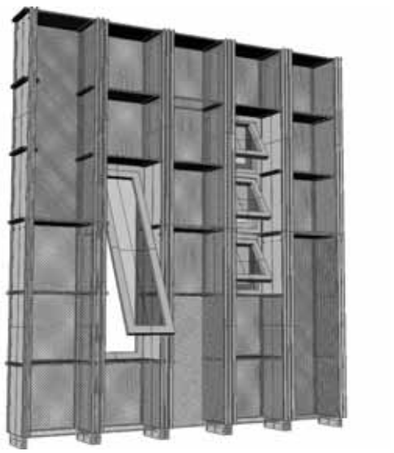


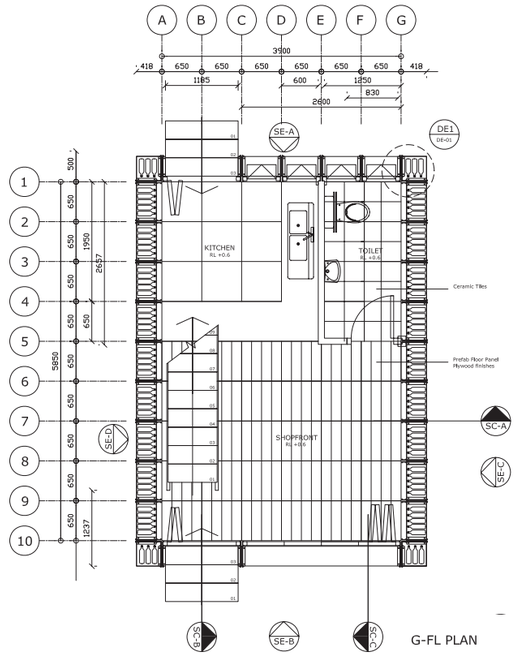
(From the left)
(Left) Three ways connection
(Center) Four ways connection
(Right) Five ways connection



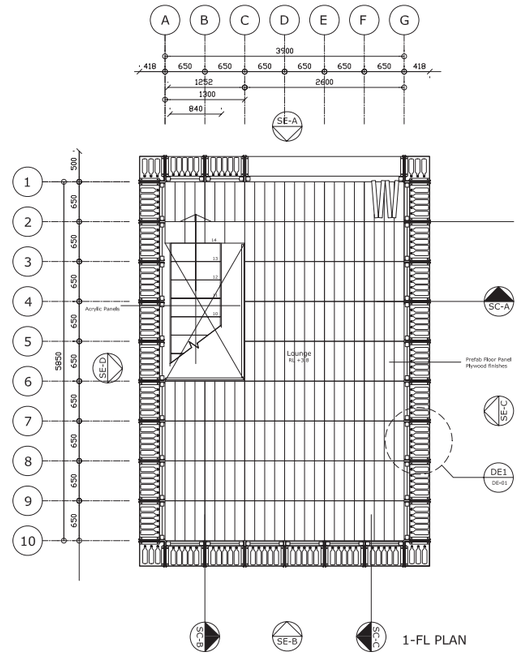
# BEER BOTTLE INSULATION


Australians do drinks. A massive loads of bear bottles is generated on a daily basis. Beer Bottle are especially thick to keep the steady temperated of the alcohol inside. For this reason it has an extra capability to become building insulation. You can collect beer bottle to build your own home, mixing it with plaster or cement infills. Here an example of a a portable bar structur is designed to collect the beer bottle that itself generate. Where this proposition is very conceptual, It is trying to raise a question and awareness about the relationship between what you live in and what you consume.

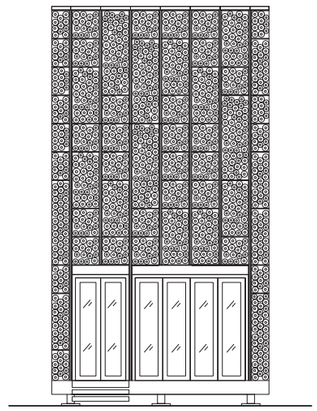




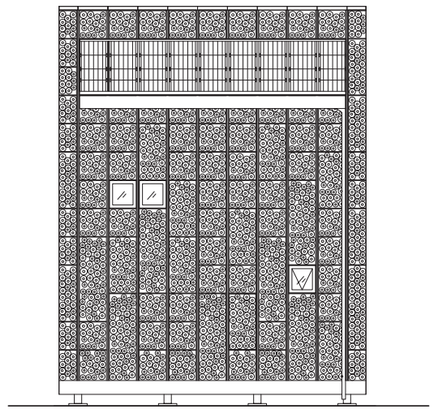

G-FL PLAN



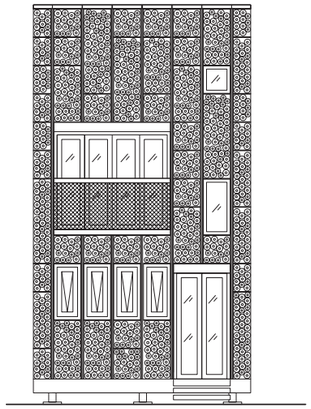

1-FL PLAN



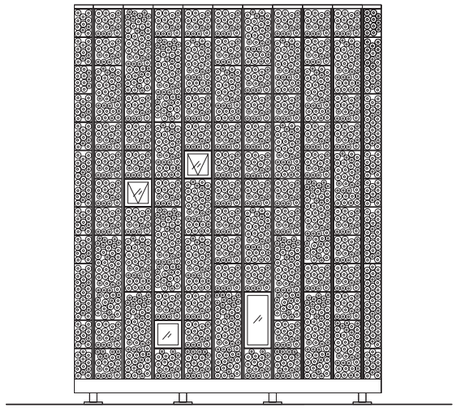
ELEVATION C-B



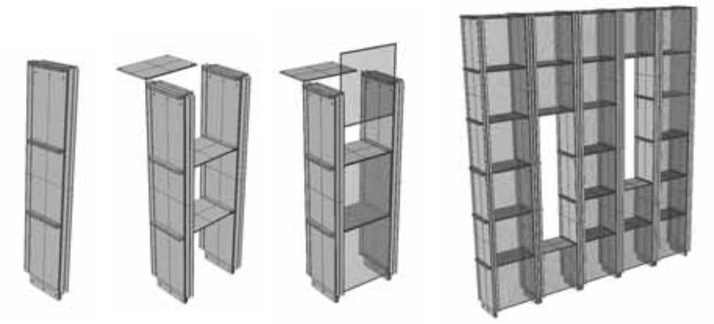
ELEVATION C-D

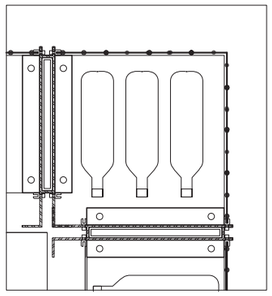


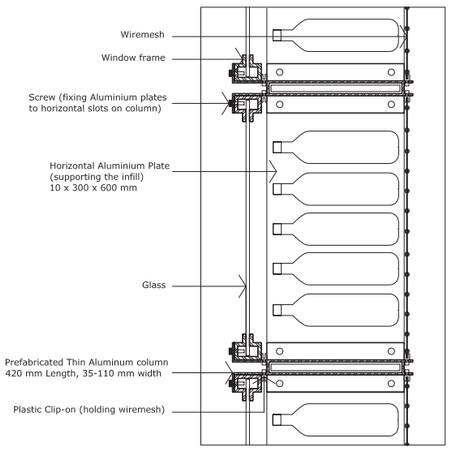
ELEVATION C-A



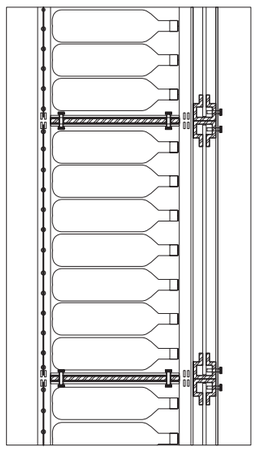
ELEVATION C-C





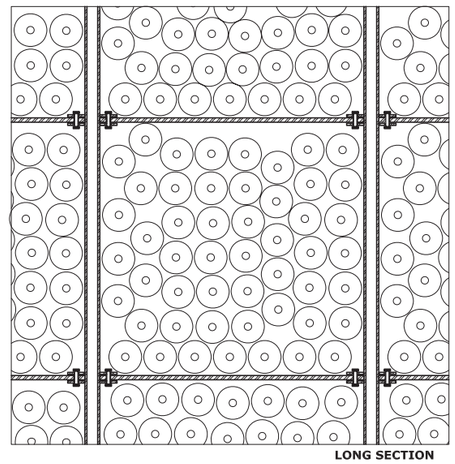



PLAN

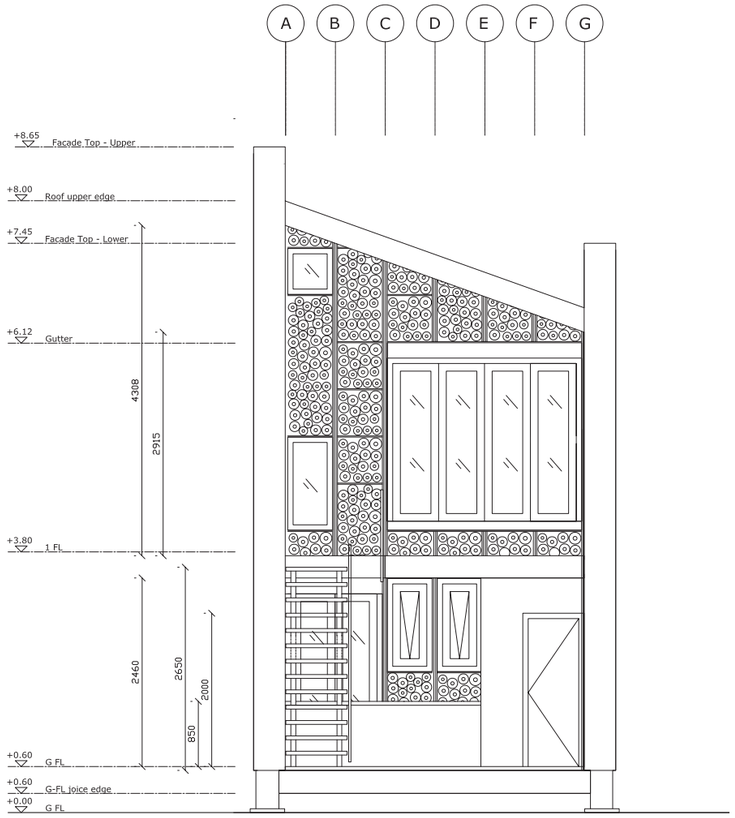


SHORT SECTION

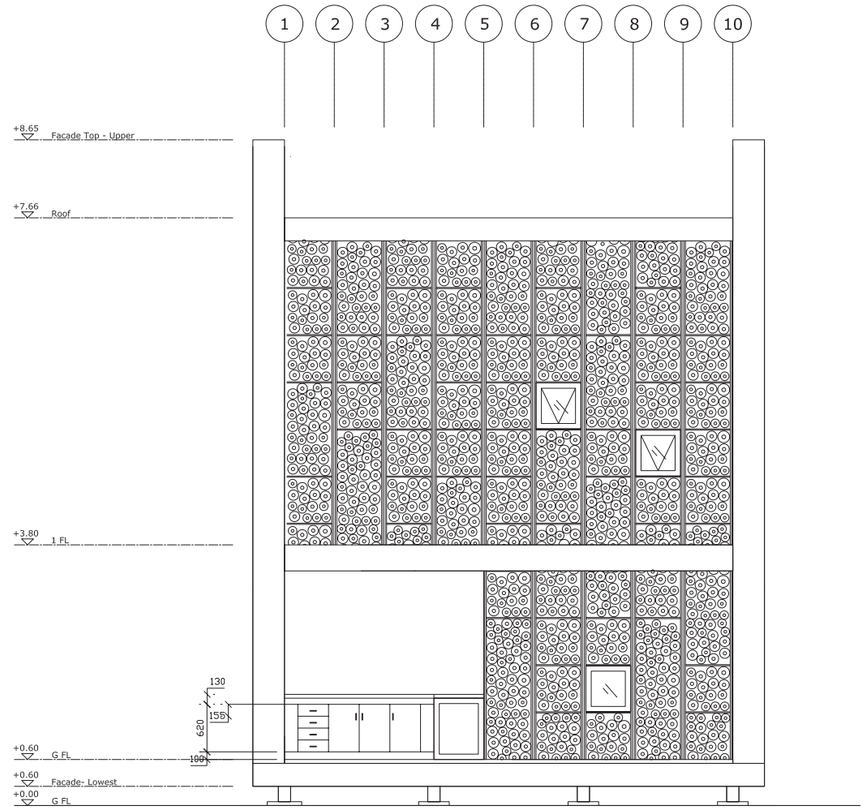
DE1
-
**FACADE DETAIL 1**
SCALE 1:10



**LONG SECTION**




INTERIOR ELEVATION IC-B




INTERIOR ELEVATION IC-A

This particular Tree made from Beer bottle is not actually my work, but I choose to end my manual with this image because of its attitude towards Transformability that I like in his work. It's a like naughty and light-hearted, very simple, yet applicable. Image Ref: http://www.johnboy.nerdvana.net.au/images/Paultree.jpg. THE END.